LG
Life's Good

MULTI F
MULTI F MAX

HEAT PUMP SYSTEM
ENGINEERING MANUAL

Multi-Zone Heat Pump Systems

1.5 to 4.5 Tons



Dual and Tri-Zone
Multi F



Quad-Zone
Multi F



Eight-Zone
Multi F MAX

PROPRIETARY DATA NOTICE

This document, as well as all reports, illustrations, data, information, and other materials are the property of LG Electronics U.S.A., Inc., and are disclosed by LG Electronics U.S.A., Inc., only in confidence.
This document is for design purposes only.

DFS-EM-AJ-001-US 014C25

For continual product development, LG reserves the right to change specifications without notice.
©LG Electronics Inc.

This document, as well as all reports, illustrations, data, information, and other materials are the property of LG Electronics U.S.A., Inc.

MULTI F
MULTI F MAX

TABLE OF CONTENTS

About LG Electronics, Inc. **4**

Multi-Zone Systems **4**

Unit Nomenclature **6**

Outdoor Unit Overview **7**

Indoor Unit Overview **8**

Controls and Options Overview **9-13**

Multi F Outdoor Unit Product Data **15-124**
- *Product Features and Benefits* *16*
- *Mechanical Specifications* *17*
- *General Data* *18-19*
- *Dimensions* *20-22*
- *Rated Cooling Combination Tables* *23-25*
- *Rated Heating Combination Tables* *26-28*
- *Cooling Capacity Tables* *29-80*
- *Heating Capacity Tables* *81-115*
- *Electrical Data* *116*
- *Acoustic Data* *116*
- *Refrigerant Flow Diagrams* *117-119*
- *Wiring Diagrams* *120-122*
- *Operation Range* *123*

Multi F MAX Outdoor Unit Product Data **125-168**
- *Product Features and Benefits* *126*
- *Mechanical Specifications* *127*
- *General Data* *128-129*
- *Dimensions* *130*
- *Rated Cooling Combination Tables* *131-133*
- *Rated Heating Combination Tables* *134-135*
- *Cooling Capacity Tables* *137-153*
- *Heating Capacity Tables* *154-164*
- *Electrical Data* *165*
- *Acoustic Data* *165*
- *Refrigerant Flow Diagrams* *166*
- *Wiring Diagrams* *167*
- *Operation Range* *168*

Multi F MAX Branch Distribution Unit Product Data **169-178**
- *Features and Benefits* *170*
- *Mechanical Specifications* *171*
- *General Data* *172*
- *Dimensions* *173*
- *Refrigerant Flow Diagram* *174*
- *Wiring Diagram* *175*
- *Y-Branch Accessory* *176*
- *Branch Distribution Unit Orientation* *177*

Application Guidelines **179-196**
- *Equipment Selection Procedure* *180-185*
- *Building Ventilation Design Guide* *186-189*
- *Placement Considerations* *190-196*

Refrigerant Piping Design & Layout Best Practices **197-218**
- *Design Guideline Summary* *198-199*
- *Creating a Balanced / Quality Piping System* *200*
- *Manual Layout Procedure* *200*
- *LG Engineered Multi F MAX Y-Branch Kits* *201*
- *Refrigerant Charge* *202-203*
- *Selecting Field-Supplied Copper Tubing* *204-205*
- *Refrigerant Piping System Layout* *206-213*
- *Piping Insulation* *214*
- *Condensate Drain Piping* *215-216*
- *Cut Sheet* *217*

Wiring Connections **219**
- *General Information* *220-222*
- *Power Wiring and Communications Cable Details* *223-227*
- *Indoor Unit Group Control* *228*

Acronyms **229**

TABLE OF SYMBOLS

⚠ **WARNING**	*This symbol indicates a potentially hazardous situation which, if not avoided, may result in death or serious injury.*
Note	*This symbol indicates additional helpful information such as an explanation, a comment, or a clarification about the subject.*
✓	*This symbol indicates a recommendation or tip. Recommendations instruct the user to apply the suggested practice to ensure the best operating results in order to achieve the maximum benefit of the product. Tips contain practical information that may help the user solve a problem or describe actions that may save time.*

Due to our policy of continuous product innovation, some specifications may change without notification.
©LG Electronics U.S.A., Inc., Englewood Cliffs, NJ. All rights reserved. "LG" is a registered trademark of LG Corp.

CONVERGENCE OF TECHNOLOGY, INNOVATION, FLEXIBILITY, & STYLE

About LG Electronics, Inc.

LG Electronics, Inc. is a global leader and technology innovator in consumer electronics, mobile communications, and home appliances, employing more than 213,000 people in more than 60 countries worldwide. LG Electronics, Inc. comprises five business units—Home Entertainment, Mobile Communications, Air Conditioning, Business Solutions, and Home Appliance. LG is one of the world's leading producers of flat panel televisions, audio and video products, mobile handsets, air conditioners, and washing machines. LG's commercial air conditioning business unit was established in 1968 and has built its lineup of residential and commercial products to include VRF, Multi F, duct-free split systems, packaged terminal air conditioners (PTACs), and room air conditioners. In 2011, the air conditioning and energy solutions business unit grew to include LED lighting and solar products. For more information, visit www.lg-dfs.com.

Multi-Zone Systems

LG HVAC systems offer a range of solutions that are cost efficient, quiet and attractive. Multi-zone systems are "split" into indoor and outdoor units, and provide a smart alternative to both central HVAC and window-mounted air conditioners. These inverter heat pump systems are available in a variety of configurations to suit different cooling and heating situations. Installation by a qualified HVAC contractor is safe and easy – little to no duct work or sheet metal is required.

Benefits of Multi F Systems

- Individual zone control
- Long refrigerant piping lengths
- High refrigerant piping elevation differences
- Maximum flexibility
- Operating ranges of 14°F to 118°F in cooling and 0°F to 64°F in heating
- Quiet and comfortable environment
- Reduced ductwork



Multi F Systems

LG's inverter heat pumps can support two, three, or four indoor units that are typically installed in separate rooms. Each indoor unit includes its own remote control, allowing the customer to set the temperature individually. Indoor units are available in several different configurations: Art Cool™ Mirror wall-mounted, Art Cool Gallery wall-mounted, standard wall-mounted, four-way ceiling cassettes, ceiling-concealed duct (high and low static), and vertical-horizontal air handling models. Multi F MAX systems, released in 2012, can operate up to eight indoor units through two-, three-, or four-port branch distribution units.

Adaptable and Flexible

Multi F outdoor units can be adapted to a wide range of building applications and sizes such as schools, hotels, hospitals, offices, and residences. The system components are lightweight and compact so they can be placed in buildings without expensive cranes, they easily fit into most service elevators, and they can be set in place with minimal structural reinforcements requirements.

Multi F technology allows you to pipe farther by reaching areas of the building that would require the installation of a second system when using traditional direct-expansion cooling and heating equipment. Multi F provides the designer with uncompromised pipe system engineering flexibility—long pipe runs and large elevation differences. Whether your building is a condominium, a hotel, a school, or an office complex, Multi F is best suited to reach the farthest corners and elevations.

Smaller Chases and Plenums

LG Multi F systems use refrigerant piping to move heat, resulting in smaller space requirements for piping as compared to chilled water or roof top systems. This helps reduce the overall construction and material cost of the building, and gives back leasable space. Flexible and logical placement of system components, reduced back-and-forth pipe lengths, and fewer joints lowers installation costs and minimizes potential leaking.

Quality Commitment

LG is committed to the success of DFS projects. We provide technical support during installation and commissioning. LG offers a variety of classes designed for installers and servicers on Multi F installation. Classes are conducted at LG's training centers and in field locations at various times throughout the year and upon special request.



MULTI F

Due to our policy of continuous product innovation, some specifications may change without notification.
©LG Electronics U.S.A., Inc., Englewood Cliffs, NJ. All rights reserved. "LG" is a registered trademark of LG Corp.

PRODUCT INTRODUCTION

“Unit Nomenclature” on page 6

“Outdoor Unit Overview” on page 7

“Indoor Unit Overview” on page 8

“Controls and Options Overview” on page 9

UNIT NOMENCLATURE

Multi-Zone Systems — Indoor Units and Outdoor Units

L	M	AN	12	7	HVT

L = LG
Type: M = Multi-Zone

Component:
AN: Art Cool™ Wall-Mounted Indoor Unit
N: Standard Wall-Mounted Indoor Unit
CN: Four-Way Ceiling-Cassette Indoor Unit
DN: Ceiling-Concealed Duct (Low Static) Indoor Unit
HN: Ceiling-Concealed Duct (High Static) Indoor Unit
VN: Vertical-Horizontal Air Handling Indoor Unit
U: Outdoor Unit

Nominal Capacity
(Nominal cooling capacity in Btu/h):

09 = 9,000	24 = 24,000
12 = 12,000	36 = 36,000
18 = 18,000	54 = 54,000

Generation

Features:
H = Heat Pump
V = Inverter
T = High Wall-Mounted Indoor Unit
P = Art Cool Gallery Indoor Unit

Branch Distribution Units

P	M	BD	36	2	0

P = Part (Accessory)
Type: M = Multi-Zone

BD: Branch Distribution Unit

Family

Number of Port Connections
(Maximum Number of Connectable Indoor Units): 2, 3, 4

Generation: 0, 1

Note:

- *Voltage for all equipment is 208-230V, 60 Hz, 1-phase.*
- *All indoor units are compatible with wired controllers*
- *All outdoor units are LGAP control network compatible with PI-485 V-net Control Integration Board (PMNFP14A0, sold separately).*

Due to our policy of continuous product innovation, some specifications may change without notification.
©LG Electronics U.S.A., Inc., Englewood Cliffs, NJ. All rights reserved. "LG" is a registered trademark of LG Corp.

OUTDOOR UNIT OVERVIEW

Table 1: Summary Data—Multi F / Multi F MAX Outdoor Units

Outdoor Unit Type	Model Number[1]	Dimensions (W x H x D) (inches)	Nominal Cooling Capacity Btu/h[2]	Net Weight (lbs.)	No. of Connectable Indoor Units[3]	Pipe Connections (inches, O.D.) (Liquid, Vapor)
Multi F Dual-Zone 	LMU187HV	34-1/4 x 31-13/16 x 12-19/32	18,000	124	2-2	1/4 x 2 Each, 3/8 x 2 Each
Multi F Tri-Zone 	LMU247HV	34-1/4 x 31-13/16 x 12-19/32	24,000	131	2-3	1/4 x 3 Each, 3/8 x 3 Each
Multi F Quad-Zone 	LMU369HV	35-7/16 x 45-7/8 x 14-9/16	36,000	199	2-4	1/4 x 4 Each, 3/8 x 4 Each
Multi F MAX Eight-Zone 	LMU540HV	37-13/32 x 54-11/32 x 13	54,000	214	2-8	3/8 x 1 Each, 3/4 x 1 Each

[1]Model number shows nominal capacity and frame size designator.

[2]Nominal capacity rating obtained with air entering the indoor unit at 80°F dry bulb (DB) and 67°F wet bulb (WB) and outdoor ambient conditions of 95°F dry bulb (DB) and 75°F wet bulb (WB).

[3]Minimum number of connectable indoor units is two (2).

Due to our policy of continuous product innovation, some specifications may change without notification.
©LG Electronics U.S.A., Inc., Englewood Cliffs, NJ. All rights reserved. "LG" is a registered trademark of LG Corp.

INDOOR UNIT OVERVIEW

Table 2: Summary Data—Multi F Indoor Units.

Indoor Unit Type	Model Number[1]	Dimensions (W x H x D) (inches)	Nominal Cooling Capacity Btu/h[2]	Air Flow Rate (CFM) (H/M/L[3])	Net Weight (lbs.)	Pipe Connections (inches, O.D.) (Liquid, Vapor)
Art Cool™ Mirror Wall-Mounted 	LMAN097HVT	35-1/4 × 11-3/8 × 8-1/16	9,000	247 / 230 / 212	25	1/4, 3/8
	LMAN127HVT		12,000	335 / 318 / 300		
	LMAN187HVT	40-9/16 x 12-25/32 x 9-21/32	18,000	572 / 501 / 434	35	1/4, 1/2
Art Cool™ Gallery Wall-Mounted 	LMAN097HVP	23-5/8 x 23-5/8 x 5-25/32	9,000	272 / 208 / 155	32	1/4, 3/8
	LMAN127HVP		12,000	314 / 258 / 198		
Standard Wall-Mounted 	LMN097HVT	35-1/4 x 11-3/8 x 8-9/32	9,000	247 / 230 / 212	23	1/4, 3/8
	LMN127HVT		12,000	335 / 318 / 300		
	LMN187HVT	40-9/16 x 12-25/32 x 9-27/32	18,000	572 / 501 / 434	32	1/4, 1/2
Ceiling-Concealed Duct (Low Static) 	LMDN095HV	32-9/32 x 7-1/2 x 22-5/8	9,000	300 / 265 / 229	46	1/4, 3/8
	LMDN125HV		12,000	335 / 300 / 265		
	LMDN185HV	43-5/16 x 7-1/2 x 22-5/8	18,000	530 / 477 / 406	59	1/4, 1/2
Ceiling-Concealed Duct (High Static) 	LMHN240HV	46-17/32 x 11-23/32 x 17-23/32	24,000	688 / 618 / 530	80	1/4, 1/2
	LMHN360HV		36,000	1,130 / 953 / 706	91	3/8, 5/8
Four-Way Ceiling Cassette 	LMCN125HV	Body: 22-7/16 x 8-7/16 x 22-7/16 Panel: 27-9/16 x 7/8 x 27-9/16	12,000	335 / 283 / 247	31 (Body), 7 (Panel)	1/4, 3/8
	LMCN185HV	Body: 22-7/16 x 10-3/32 x 22-7/16 Panel: 27-9/16 x 7/8 x 27-9/16	18,000	459 / 424 / 388	34 (Body), 7 (Panel)	1/4, 1/2
Vertical-Horizontal Air Handling 	LMVN240HV	18 x 48-21/32 x 21-1/4	24,000	710 / 640 / 480	117	1/4, 1/2
	LMVN360HV		36,000	990 / 880 / 800	121	3/8, 5/8

[1]Model number shows nominal capacity and frame size designator.

[2]Nominal capacity rating obtained with air entering the indoor unit at 80°F dry bulb (DB) and 67°F wet bulb (WB) and outdoor ambient conditions of 95°F dry bulb (DB) and 75°F wet bulb (WB).

[3]H/M/L = High/Medium/Low.

Due to our policy of continuous product innovation, some specifications may change without notification.
©LG Electronics U.S.A., Inc., Englewood Cliffs, NJ. All rights reserved. "LG" is a registered trademark of LG Corp.

CONTROLS AND OPTIONS OVERVIEW

Table 3: Summary Data—Zone Controllers.

Zone Controller	Name	Model / Part No.	Case Color	Max. Wire Length (ft.)	Description
	Simple Controller with Mode Selection	PQRCVCL0	Black	164	Allows control of indoor unit ON / OFF, operation mode, fan speed, and temperature setpoint for up to 16 indoor units. Included with Ceiling-Concealed Duct (High Static[1]) and Vertical-Horizontal Air Handling[1] indoor units; optional accessory for all other indoor unit types.
		AKB72955816[1]	White		
	Simple Controller with Mode Selection	6711A20116R[2]	White	164	Allows control of indoor unit ON / OFF, operation mode, fan speed, and temperature setpoint for up to 16 indoor units. Included with Ceiling-Concealed Duct (Low Static[2]) indoor units; optional accessory for all other indoor unit types.
	Simple Controller without Mode Selection	PQRCHCA0	Black	164	Allows control of indoor unit ON / OFF, fan speed, and temperature setpoint for up to 16 indoor units.
		PQRCHCA0QW	White		
	LG 7-Day Programmable Thermostat	PREMTB10U	White	164	Allows control of indoor unit ON / OFF, operation mode, occupied / unoccupied temperature setpoints, fan speed, and airflow direction for up to 16 indoor units. Programmable schedule with five events per day.
	Wireless Handheld Controller	AKB73635606[3] AKB73635607[4] AKB73757604[5]	Ivory	-	Allows control of indoor unit ON / OFF, operation mode, fan speed, and temperature setpoint. Also provides subfunction control. Included with Art Cool Mirror[3] and Gallery[4] Wall-Mounted, Standard[3] Wall-Mounted, and Four-Way Cassette[5] indoor units; optional accessory for Duct and Vertical-Horizontal AHU with use of wired controller.
	Wall-Mounted Remote Temperature Sensor	PQRSTA0	Ivory	50	Allows remote temperature measurement for four-way ceiling cassette, ceiling-concealed duct, and vertical-horizontal air handling indoor units.

[1]Simple Mode Controllers for the ceiling-concealed duct (high static) and the vertical-horizontal air handling indoor units are also referenced by Model No. PQRCVCL0QW.

[2]Simple Mode Controllers for the ceiling-concealed duct (low static) indoor units are also referenced by Model No. PQRCUCS0C.

[5]Wireless Handheld Controller for the four-way ceiling cassette indoor units is also referenced by Model No. PQWRHQ0FDB.

Before specifying or placing an order, refer to the V-Net Network Solutions Engineering Product Data Book, and review the detailed technical data provided to fully understand the capabilities and limitations of these devices.

For information on controller capabilities, refer to the Controls and Options Table on page 12.

Due to our policy of continuous product innovation, some specifications may change without notification.
©LG Electronics U.S.A., Inc., Englewood Cliffs, NJ. All rights reserved. "LG" is a registered trademark of LG Corp.

Table 4: Summary Data—Zone Controller Communication Cables.

Communication Cable	Name	Model No.	Max. Wire Length (ft.)	Description
	Wired Remote Group Control Cable Assembly	PZCWRCG3	32	Required when grouping multiple indoor units with a single zone controller.
	Wired Remote / Group Control Extension Cable	PZCWRC1	32	Increases the distance between a remote controller and an indoor unit, or between indoor units in a control group.

Before specifying or placing an order, refer to the V-Net Network Solutions Engineering Product Data Book, and review the detailed technical data provided to fully understand the capabilities and limitations of these devices.

For information on controller capabilities, refer to the Controls and Options Table on page 12.

Table 5: Summary Data—Specialty Application Devices.

Specialty Application Device	Name	Model No.	Connects to	Application	Binary Signals Input / Output	Description
	Dry Contact Unit 24 VAC	PQDSB1	Indoor Unit	ON / OFF, Run Status, Error Status	1 / 2	Enables the indoor unit to be controlled and monitored by third-party controls using binary inputs and outputs.
	Dry Contact Unit for Setback	PQDSBC		ON / OFF, Mode, Controller Lock, Power Save, Run Status, Error Status	2 / 2	
	Dry Contact Unit for Thermostat	PQDSBNGCM1		ON / OFF, Thermo ON / OFF, Mode, Fan Speed, Run Status, Error Status	—	Enables the indoor unit to be controlled and monitored by a third-party thermostat or controller.
	PI-485 V-net Control Integration Board	PMNFP14A0	Outdoor Unit	—	—	Control integration to LG V-net controls (AC Smart Premium, ACP, BACnet, LonWorks, etc.)
	Power Distribution Indicator (PDI) Premium	PQNUD1S41	Comm. BUS	Energy Consumption Monitoring	8 / 0	Monitors total outdoor unit power consumption for up to eight systems, and distributes per indoor unit based on weighted calculation.

Before specifying or placing an order, refer to the V-Net Network Solutions Engineering Product Data Book, and review the detailed technical data provided to fully understand the capabilities and limitations of these devices.

For information on controller capabilities, refer to the Controls and Options Table on page 12.

Due to our policy of continuous product innovation, some specifications may change without notification.
©LG Electronics U.S.A., Inc., Englewood Cliffs, NJ. All rights reserved. "LG" is a registered trademark of LG Corp.

CONTROLS AND OPTIONS OVERVIEW

Table 6: Summary Data—Central Controllers (Connect to the Outdoor Unit Through the PI-485 Board (accessory, sold separately).

Central Controller	Name	Model No.	Devices per Controller	Systems per Comm. BUS	Devices per Comm. BUS	No. of Comm. BUS ports	Binary Signals Input / Output	Power / Connection	Description
	AC Smart Premium	PQCSW421E0A	128	16	128	1	2 DI / 2 DO	24 VAC	Provides for scheduling, auto-changeover, setback, remote controller lock, setpoint range limit, run time limit, web access, email alarm notification, visual floorplan navigation, peak/demand control, software device interlocking, PDI integration, and AC Manager Plus integration advanced functionality in addition to basic unit control and monitoring.
	AC Ez	PQCSZ250S0	32	16	256	1	—	12 VDC / Outdoor Unit	Provides for scheduling in addition to basic indoor unit control and monitoring.
	Advanced Control Platform (ACP) Standard	PQCPC22N1	256	16	64 (128 with PDI Premium)	4	2 / 2	24 VAC	Provides for scheduling, remote controller lock, setpoint range limit, web access, peak / demand control, PDI integration, and AC Manager Plus integration advanced functionality in addition to basic unit control and monitoring.
	Advanced Control Platform (ACP) Premium	PQCPC22A1	256	16	64 (128 with PDI Premium)		10 / 4	24 VAC	

Before specifying or placing an order, refer to the V-Net Network Solutions Engineering Product Data Book, and review the detailed technical data provided to fully understand the capabilities and limitations of these devices.

For information on controller capabilities, refer to the Controls and Options Table on page 12.

Table 7: Summary Data—Integration Solutions (Connect to Outdoor Unit Through the PI-485 Board (accessory, sold separately).

Central Controller	Name	Model No.	Devices per Controller	Systems per Comm. BUS	Devices per Comm. BUS	No. of Comm. BUS ports	Binary Signals Input / Output	Power / Connection	Description
	BACnet® Gateway	PQNFB17C1	256	16	64 (128 with PDI Premium)	4	2 / 2	24 VAC	Allow integration of LG equipment for control and monitoring by open protocol BACnet and LonWorks building automation and controls systems.
	LonWorks® Gateway	PLNWKB100	64	16	64 (128 with PDI Premium)	1	2 / 2	24 VAC	

Before specifying or placing an order, refer to the V-Net Network Solutions Engineering Product Data Book, and review the detailed technical data provided to fully understand the capabilities and limitations of these devices.

For information on controller capabilities, refer to the Controls and Options Table on page 12.

Due to our policy of continuous product innovation, some specifications may change without notification.
©LG Electronics U.S.A., Inc., Englewood Cliffs, NJ. All rights reserved. "LG" is a registered trademark of LG Corp.

CONTROLS AND OPTIONS OVERVIEW

Table 8: Indoor Units—Functions, Controls and Options.

	Indoor Unit Type	ART COOL™ Mirror Wall Mounted	ART COOL™ Gallery	Standard Wall Mounted	Ceiling Concealed (Low Static) Ducted	Ceiling Concealed (High Static) Ducted	Four-Way Ceiling Cassette	Vertical-Horizontal Air Handling Unit
Airflow	Air supply outlets	1	3	1	1	2	4	1
	Airflow direction (left/right)	Auto	Auto	Auto				
	Airflow direction (up/down)	Auto	Auto	Auto			Auto	
	Auto swing (left/right)	√	√	√				
	Auto swing (up/down)	√	√	√			√	
	Airflow steps (fan/cool/heat)	6 / 6 / 6	5 / 5 / 5	6 / 6 / 6	3 / 3 / 3	3 / 3 / 3	4 / 5 / 4	3 / 3 / 3
	Chaos wind (random fan speed)	√	√	√			√	
	Jet-cool/heat	√ / √	√ / √	√ / √			√ / -	
	Swirl wind						√	
	Washable anti-fungal[1]	√	√	√	√	√	√	
	Plasma[2]	√		√			o[3]	
	Ventilation						√[4]	
Operation	Drain pump				√	√	√	
	E.S.P. control				√	√		√
	Electric heater							o
	High ceiling						√	
	Hot Start	√	√	√	√	√	√	√
	Self diagnostics	√	√	√	√	√	√	√
	Soft Dry (dehumidification)	√	√	√	√	√	√	√
	Auto operation	√	√	√	√	√	√	√
	Auto clean (coil dry)	√	√	√				
	Auto restart	√	√	√	√	√	√	√
	Child lock	o	o	o	o	o	o	o
	Forced operation	√	√	√			√	
	Group control – Requires the use of one Group control Cable Kit (PZCWRCG3) for every additional indoor unit	o	o	o	o	o	o	o
	Sleep mode	√	√	√	√	√	√	√
	Timer (on/off)	√	√	√		√	√	√
	Weekly schedule	o	o	o		√	o	√
	Two thermistor control	o	o	o	o	o	o	o
Controllers	7-Day programmable controller	o	o	o	o	o	o	o
	Simple wired remote controller	o	o	o	√	√	o	o
	Wireless LCD remote control	√	√	√	o[5]	o[5]	√	o[5]
	Dry contact	o	o	o	o	o	o	o
	Dry contact (temperature setting)	o	o	o	o	o	o	o
	Central control (LGAP)	√	√	√	√	√	√	√
	Connector for Water Sensor	√	√	√				

[1]Primary washable filters.

[2]Secondary plasma filters.

[3]Branch location and static pressure requirements. Requires PTPKQ0 Plasma kit.

[4]Requires ventilation kit PTVK430 (Temperature, humidity, and volume limitations apply).

[5]Requires wired zone controller.

√ = Standard feature

o = Unit option

Due to our policy of continuous product innovation, some specifications may change without notification.
©LG Electronics U.S.A., Inc., Englewood Cliffs, NJ. All rights reserved. "LG" is a registered trademark of LG Corp.

CONTROLS AND OPTIONS OVERVIEW

Table 9: Multi F MAX Outdoor Unit Accessories Overview.

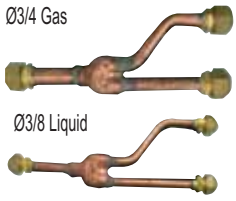
Multi F MAX Accessory	Name	Model No.	Description
	Two-Port Branch Distribution Unit	PMBD3620	Distributes refrigerant from Multi F MAX outdoor unit from one (1) to two (2) indoor units (maximum 24,000 Btu/h for each port).
	Three-Port Branch Distribution Unit	PMBD3630	Distributes refrigerant from Multi F MAX outdoor unit from one (1) to three (3) indoor units (maximum 24,000 Btu/h for each port).
	Four-Port Branch Distribution Unit	PMBD3640	Distributes refrigerant from Multi F MAX outdoor unit from one (1) to four (4) indoor units (maximum 24,000 Btu/h for each port).
		PMBD3641	Distributes refrigerant from Multi F MAX outdoor unit from one (1) to four (4) indoor units (maximum 24,000 Btu/h for ports A,B,C; maximum 36,000 Btu/h for D port).
	Y-branch Kit	PMBL5620	Y-branch Kit for Multi F MAX outdoor unit to connect up to two (2) branch distribution units.

Table 10: Indoor Unit Accessories Overview.

Model No.	Description
For Four-Way Ceiling-Cassette Indoor Units	
PT-UQC	Ceiling Grille
PTPKQ0	Plasma Kit
PTVK430	Ventilation Kit
For Vertical-Horizontal Air Handing Units	
ANEH053B1	5 kW Electric Heater
ANEH103B2	10 kW Electric Heater
For Ceiling-Concealed Duct (High Static) Indoor Units	
ZFBXBG01A	High Efficiency Filter Box
ZFBXD201A	Dynamic V8 2VL Low Profile Air Cleaner
ZPLMV201A	Dynamic 2VL Air Cleaner Low Profile Return Air Plenum
ZFBXD402A	Dynamic V8 4VL Low Profile Air Cleaner
ZPLMV402A	Dynamic 4VL Air Cleaner Low Profile Return Air Plenum
ZFLT1301A	4-Pack Dynamic V8 VL Air Cleaner Replacement Filter Pads
ZFLT1302A	24-Pack Dynamic V8 VL Air Cleaner Replacement Filter Pads
ZGRLRA01A	Dynamic V8 Air Cleaner Louvered Return Air Grille (one per plenum)
ZGRLRA02A	Dynamic V8 Air Cleaner Egg Crate Return Air Grille (one per plenum)

Due to our policy of continuous product innovation, some specifications may change without notification.
©LG Electronics U.S.A., Inc., Englewood Cliffs, NJ. All rights reserved. "LG" is a registered trademark of LG Corp.

Due to our policy of continuous product innovation, some specifications may change without notification.
©LG Electronics U.S.A., Inc., Englewood Cliffs, NJ. All rights reserved. "LG" is a registered trademark of LG Corp.

MULTI F
OUTDOOR UNIT DATA

“Product Features and Benefits” on page 16
“Mechanical Specifications” on page 17
“General Data” on page 18
“Dimensions” on page 20
“Rated Cooling Combination Tables” on page 23
“Rated Heating Combination Tables” on page 26
“Cooling Capacity Tables” on page 29
“Heating Capacity Tables” on page 81
“Electrical Data” on page 116
“Acoustic Data” on page 116
“Refrigerant Flow Diagrams” on page 117
“Wiring Diagrams” on page 120
“Operation Range” on page 123

MULTI F SYSTEMS

Features and Benefits

MULTI F
MULTI F MAX

The multiple piping of Multi F systems can support two, three or four indoor units that are typically mounted in separate rooms. Compact refrigerant pipes work in tandem with wiring to link the outdoor unit with all indoor units directly. Most indoor units include its own remote control, allowing the user to set the temperature individually in different rooms. The indoor units are available in a variety of capacities and styles, including Art Cool™ Mirror and Gallery Wall Mounts, Standard Wall Mount, Four-Way Ceiling Cassette, Horizontal Ceiling Concealed Duct, and Vertical-Horizontal Air Handling models.

Features

- Defrost
- Restart delay (three [3] minutes)
- Self diagnosis
- Soft start
- Inverter (Variable speed compressor)
- Low ambient operation to 14°F (Cooling mode)
- Auto operation / auto restart operation
- Gold Fin™ anti-corrosion
- Outdoor unit includes sufficient refrigerant for charging two (2), three (3), or four (4) indoor units using 24.6 feet of pipe to each

Benefits

- Long refrigerant piping lengths allow for extra design flexibility in indoor unit placement
- Easy installation: Little to no ductwork required; most indoor units can mount on any wall
- Indoor unit and outdoor unit dimensions ensure space saving convenience
- All-season use—heat pump models have both cooling and heating capabilities



Figure 1: Dual-Zone Multi F Heat Pump Inverter System — Mix and match for 9,000-24,000 Btu/h.



Figure 2: Tri-Zone Multi F Heat Pump Inverter System — Mix and match for 12,000-33,000 Btu/h.



Figure 3: Quad-Zone Multi F Heat Pump Inverter System — Mix and match for 18,000-48,000 Btu/h.

Due to our policy of continuous product innovation, some specifications may change without notification.
©LG Electronics U.S.A., Inc., Englewood Cliffs, NJ. All rights reserved. "LG" is a registered trademark of LG Corp.

Multi F Heat Pump Condensing Units

General

A Multi F multi-zone system is comprised of one heat pump outdoor unit connected to two, three, or four indoor units using a shared refrigerant piping circuit between the outdoor unit and each indoor unit, and includes integrated controls supplied by LG. The outdoor unit is internally assembled, wired, and piped from the factory; all LG components are manufactured in a facility registered to ISO 9001 and ISO 14001, set by the International Organization for Standardization (ISO). The LG Multi F multi zone heat pump system components comply with Underwriters Laboratories (UL) 1995 Heating and Cooling Equipment Standard for Safety, and bear the Electrical Testing Laboratories (ETL) mark. The units are certified to AHRI 210 / 240.

Temperature Ranges

The heat pump outdoor units are capable of operating in cooling mode from 14°F to 118°F ambient dry bulb. The heat pump outdoor units are capable of operating in heating mode from 0°F to 64°F ambient wet bulb without additional low ambient controls.

Frame

The Multi F condensing unit case is constructed from pre-coated metal that has been tested in accordance with ASTM B-117 salt spray procedure for a minimum of 1,000 hours. Case has a removable front panel to allow access to major components and control devices, and legs to secure the unit during installation.

Refrigerant System

Multi F systems have a shared refrigerant circuit field piped to multiple (ducted, non-ducted or mixed) indoor units to effectively and efficiently control the heating or cooling operation of the multi zone system. All refrigerant lines from the outdoor unit to the indoor units are field-installed and must be insulated separately.

All Multi F systems use R410A refrigerant. The outdoor units are equipped with a refrigerant strainer, check valves, oil separator, accumulator, four-way reversing valve, electronic expansion valve(s) (EEV), high side and low side refrigerant charging ports, and a service port. Each outdoor unit also includes sensors for suction temperature, discharge temperature, high-pressure, low-pressure, heat exchanger temperature, and outdoor temperature conditions.

Refrigeration Oil Control

The outdoor units have an oil separator to separate oil mixed with the refrigerant gas during compression and return oil to the compressor. The outdoor units also have an oil injection mechanism to ensure a consistent film of oil on all moving compressor parts at low speed.

Compressor

Multi F condensing units are equipped with one hermetically sealed, digitally controlled, inverter driven twin-rotary compressor that includes Teflon™ coated bearings. The inverter motor is capable of providing a modulation range of 20Hz to 100Hz with control in 1Hz increments. The compressor is protected with phase-reversal protection, uses a factory-charge of Polyvinyl Ether (PVE) oil, and is mounted to avoid the transmission of vibration. Compressors in LMU369HV models are equipped with a hot gas bypass valve.

Figure 4: Multi F LMU187HV and LMU247HV Outdoor Units.



Figure 5: Multi F LMU369HV Outdoor Unit.



Fan and Motors

Each 1.5 to 2 ton outdoor unit includes one direct drive variable speed propeller fan with Brushless Digitally Controlled (BLDC) motor with a horizontal air discharge. Each 3 ton outdoor unit includes two direct drive variable speed propeller fans with Brushless Digitally Controlled (BLDC) motor with a horizontal air discharge.

Fan blades are statically and dynamically balanced propeller fans made of durable Acrylonitrile Butadiene Styrene (ABS) plastic, and include a raised fan guard to limit contact with moving parts. The motors have inherent overload protection, permanently lubricated bearings, and a maximum speed up to 950 rpm. All Multi F outdoor units have a horizontal discharge airflow.

Outdoor Unit Coil

The outdoor unit coils are factory-built of aluminum fins mechanically bonded on copper tubing. Coils have a minimum of two rows, a minimum of 14 fins per inch, and have been factory pressure-tested.

Coil fins also have a factory applied corrosion-resistant GoldFin™ material with hydrophilic coating that has been tested in accordance with ASTM B-117 salt spray test procedure for a minimum of 1,000 hours.

Electrical

All Multi F outdoor units shall have 208/230V, 1 phase, 60Hz electrical power capable of operating within ±10% of the rated voltage.

Controls

Factory installed microprocessor controls in the outdoor unit and indoor units shall perform functions to efficiently operate the multi zone system. System wiring must be installed in a tree configuration from outdoor unit to indoor units through four conductor power/transmission cable. The system is capable of performing continuous operation, even when power is turned off to an individual indoor unit.

Due to our policy of continuous product innovation, some specifications may change without notification.
©LG Electronics U.S.A., Inc., Englewood Cliffs, NJ. All rights reserved. "LG" is a registered trademark of LG Corp.

MULTI F OUTDOOR UNIT

General Data

MULTI F
MULTI F MAX

Table 11: Multi F Outdoor Unit Specifications.

Model Number	LMU187HV	LMU247HV	LMU369HV
Rated Cooling Capacity (Btu/h)[1]	15,600	19,200	34,000
Rated Heating Capacity (Btu/h)[1]	17,000	26,400	41,000
Operating Range			
Cooling (°F DB)	14 - 118	14 - 118	14 - 118
Heating (°F WB)	0 - 64	0 - 64	0 - 64
Compressor			
Inverter Quantity	Twin Rotary x 1	Twin Rotary x 1	Twin Rotary x 1
Oil/Type	FVC68D	FVC68D	FVC68D
Fan (Side Discharge)			
Type	Propeller	Propeller	Propeller
Motor Output (W) x Qty.	84 x 1	84 x 1	124 x 2
Motor/Drive	Brushless Digitally Controlled/Direct		
Maximum Air Volume (CFM)	2,119	2,119	2,119 x 2
Unit Data			
Refrigerant Type	R410A	R410A	R410A
Refrigerant Control/Location	EEV/Outdoor Unit	EEV/Outdoor Unit	EEV/Outdoor Unit
Min. Number Indoor Units/System[2]	2	2	2
Max. Number Indoor Units/System[2]	2	3	4
Maximum Allowable Total Indoor Unit Connected Capacity (Btu/h)	24,000	33,000	48,000
Sound Pressure dB(A)[3]	51	51	57
Net Unit Weight (lbs.)	124	131	199
Shipping Weight (lbs.)	133	139	217
Power Wiring / Communication Cables[4] (No. x AWG)	4 x 18	4 x 18	4 x 18
Heat Exchanger			
Material and Fin Coating	Copper Tube/Aluminum Fin and GoldFin™/Hydrophilic		
Rows/Columns/Fins per inch x Qty.	(2 x 36 x 16) x 1	(2 x 36 x 16) x 1	(2 x 26 x 17) x 2
Piping			
Liquid Line Connection (in., OD) x Qty.	1/4 x 2	1/4 x 3	1/4 x 4
Vapor Line Connection (in., OD) x Qty.	3/8 x 2	3/8 x 3	3/8 x 4
Factory Charge lbs. of R410A	4.19	4.63	7.72
Piping Lengths			
Maximum Total Piping (ft)[5]	164.0	246.1	246.1
Maximum Outdoor Unit to Indoor Unit Piping (ft)	82.0	82.0	82.0
Piping Length (No Additional Refrigerant [ft])	49.2	73.8	98.4
Maximum Elevation between Outdoor Unit and Indoor Unit (ft)	49.2	49.2	49.2
Maximum Elevation between Indoor Unit and Indoor Unit (ft)	24.6	24.6	24.6

[1]Rated capacity applied with non-ducted indoor units, and is rated 0 ft. above sea level with 25 ft. of refrigerant line per indoor unit and a 0 ft. level difference between outdoor and indoor units. All capacities are net with a combination ratio between 95 – 105%.

Rated cooling capacity obtained with air entering the indoor unit at 80°F dry bulb (DB) and 67°F wet bulb (WB) and outdoor ambient conditions of 95°F dry bulb (DB) and 75°F wet bulb (WB).
Rated heating capacity obtained with air entering the indoor unit at 70°F dry bulb (DB) and 60°F wet bulb (WB) and outdoor ambient conditions of 47°F dry bulb (DB) and 43°F wet bulb (WB).

[2]At least two indoor units should be connected. For allocated capacity information, see the combination tables on pages 23 to 28.

[3]Sound pressure levels are tested in an anechoic chamber under ISO Standard 3745 and are the same in both cooling and heating mode. These values can increase due to ambient conditions during operation.

[4]All power wiring / communication cable to be minimum 18 AWG, 4-conductor, stranded, shielded, and must comply with applicable local and national codes. For detailed electrical information, please refer to electric characteristics on page 116.

[5]Piping lengths are equivalent.

Due to our policy of continuous product innovation, some specifications may change without notification.
©LG Electronics U.S.A., Inc., Englewood Cliffs, NJ. All rights reserved. "LG" is a registered trademark of LG Corp.

MULTI F OUTDOOR UNIT

General Data

Table 12: LMU187HV Efficiency Ratings.[1,2]

System	Combined With	Rated Cooling Capacity (Btu/h)	EER (95°F)	SEER	Rated Heating Capacity (Btu/h)	COP (47°F)	HSPF	Low Heating Capacity (Btu/h)	COP (17°F)	Energy Star
LMU187HV	Non-ducted Indoor Units	15,600	14.00	21.0	17,000	3.90	9.20	10,000	2.9	Yes
	Ducted Indoor Units	14,800	11.90	17.7	16,800	3.80	8.80	9,900	2.8	No
	Mixed Non-ducted and Ducted Indoor Units	15,200	12.95	19.35	16,900	3.9	9.00	9,950	2.8	No

Table 13: LMU247HV Efficiency Ratings.[1,2,]

System	Combined With	Rated Cooling Capacity (Btu/h)	EER (95°F)	SEER	Rated Heating Capacity (Btu/h)	COP (47°F)	HSPF	Low Heating Capacity (Btu/h)	COP (17°F)	Energy Star
LMU247HV	Non-ducted Indoor Units	19,200	13.40	21.7	26,400	3.50	9.40	16,200	2.6	Yes
	Ducted Indoor Units	18,000	11.80	16.4	26,200	3.40	8.50	16,400	2.6	No
	Mixed Non-ducted and Ducted Indoor Units	18,600	12.60	19.05	26,300	3.50	8.95	16,300	2.6	No

Table 14: LMU369HV Efficiency Ratings.[1,2]

System	Combined With	Rated Cooling Capacity (Btu/h)	EER (95°F)	SEER	Rated Heating Capacity (Btu/h)	COP (47°F)	HSPF	Low Heating Capacity (Btu/h)	COP (17°F)	Energy Star
LMU369HV	Non-ducted Indoor Units	34,000	12.50	17.5	41,000	3.40	10.5	26,000	2.4	Yes
	Ducted Indoor Units	34,000	12.00	16.5	41,000	3.20	9.5	27,400	2.6	No
	Mixed Non-ducted and Ducted Indoor Units	34,000	12.25	17.0	41,000	3.30	10.0	26,700	2.5	No

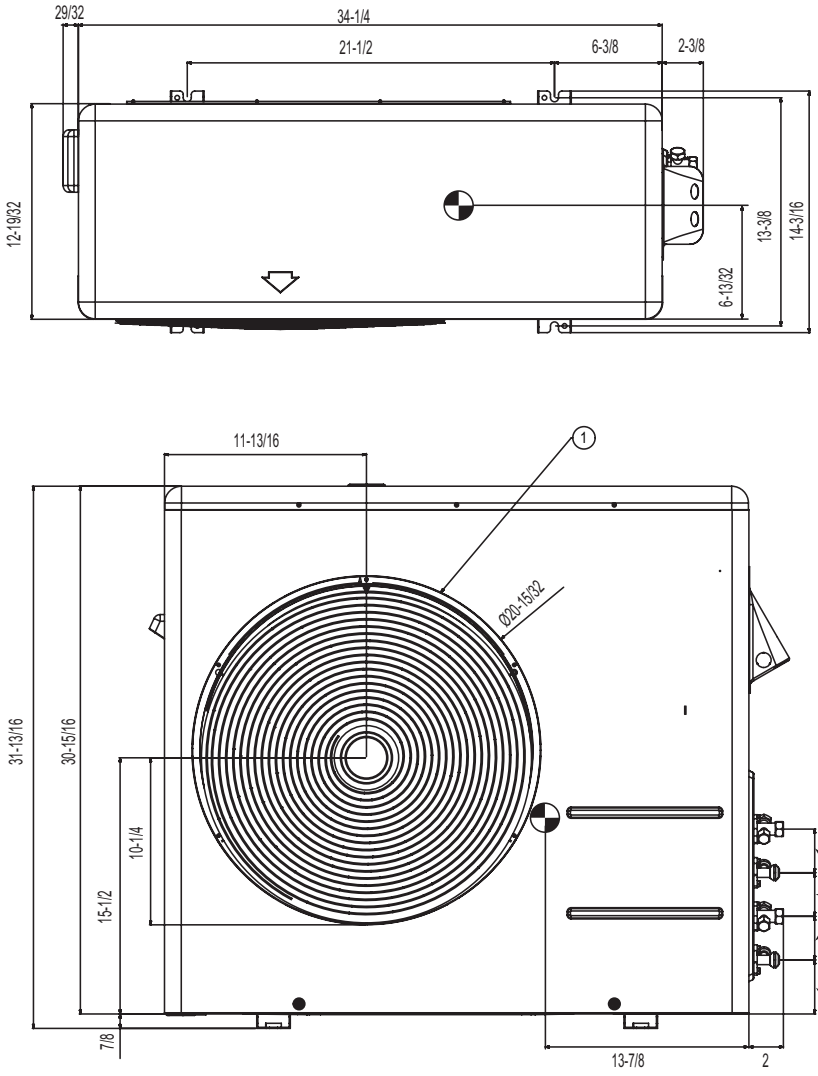
[1]Rated capacity is rated 0 ft. above sea level with 25 ft. of refrigerant line per indoor unit and a 0 ft. level difference between outdoor and indoor units. All capacities are net with a combination ratio between 95 – 105%.
Rated cooling capacity rating obtained with air entering the indoor unit at 80ºF dry bulb (DB) and 67ºF wet bulb (WB) and outdoor ambient conditions of 95ºF dry bulb (DB) and 75ºF wet bulb (WB).
Rated heating capacity rating obtained with air entering the indoor unit at 70ºF dry bulb (DB) and 60ºF wet bulb (WB) and outdoor ambient conditions of 47ºF dry bulb (DB) and 43ºF wet bulb (WB).
[2]Rated capacity is certified under AHRI Standard 210 / 240. EER, IEER, COP, and HSPF are subject to change. See www.ahrinet.org for the latest values.

Due to our policy of continuous product innovation, some specifications may change without notification.
©LG Electronics U.S.A., Inc., Englewood Cliffs, NJ. All rights reserved. "LG" is a registered trademark of LG Corp.

MULTI F OUTDOOR UNIT

Dimensions

Figure 6: LMU187HV External Dimensions.



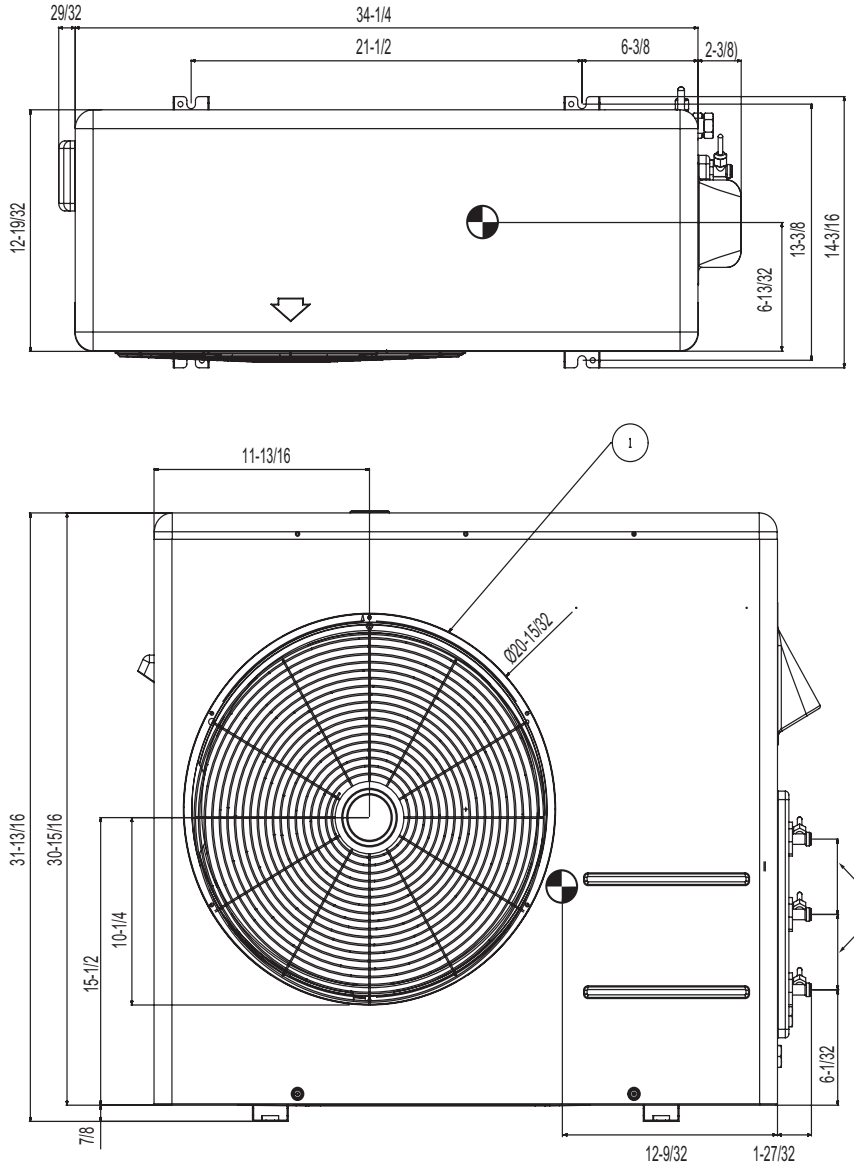
No.	Part Name
1	Air discharge grille
2	Gas pipe connection
3	Liquid pipe connection
4	Power & transmission connection
5	Earth screw

Due to our policy of continuous product innovation, some specifications may change without notification.
©LG Electronics U.S.A., Inc., Englewood Cliffs, NJ. All rights reserved. "LG" is a registered trademark of LG Corp.

MULTI F OUTDOOR UNIT

Dimensions

Figure 7: LMU247HV External Dimensions.



No.	Part Name
1	Air discharge grille
2	Gas pipe connection
3	Liquid pipe connection
4	Power & transmission connection
5	Earth screw
6	Main service valve (Liquid)
7	Main service valve (Gas)

Unit: Inch

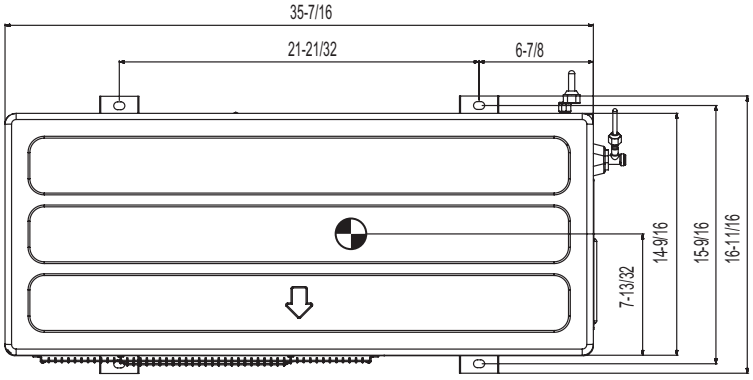
Center of Gravity

Due to our policy of continuous product innovation, some specifications may change without notification.
©LG Electronics U.S.A., Inc., Englewood Cliffs, NJ. All rights reserved. "LG" is a registered trademark of LG Corp.

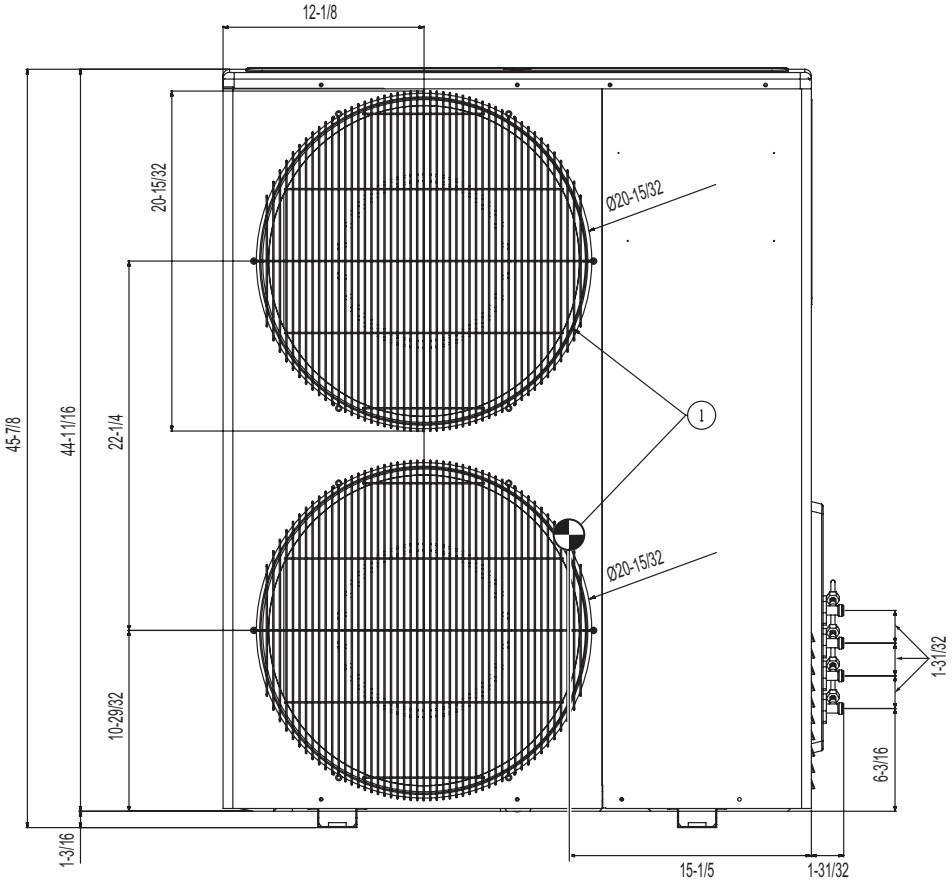
MULTI F OUTDOOR UNIT

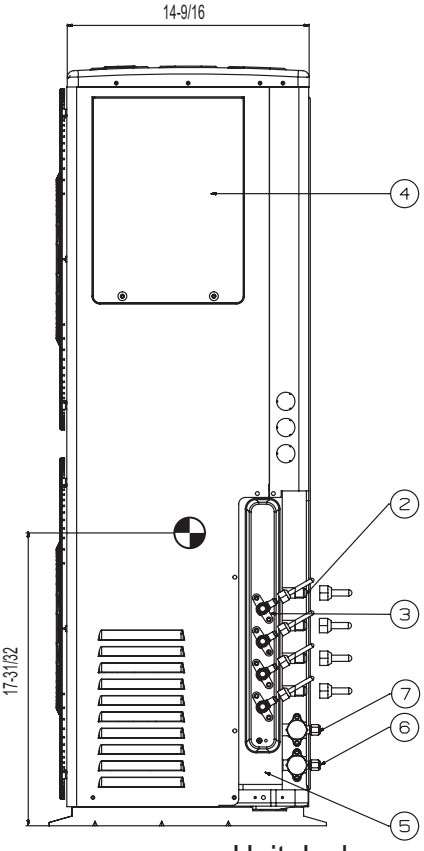
Dimensions

Figure 8: LMU369HV External Dimensions.



No.	Part Name
1	Air discharge grille
2	Gas pipe connection
3	Liquid pipe connection
4	Power & transmission connection
5	Earth screw
6	Main service valve (Liquid)
7	Main service valve (Gas)





Unit: Inch

Center of Gravity

Due to our policy of continuous product innovation, some specifications may change without notification.
©LG Electronics U.S.A., Inc., Englewood Cliffs, NJ. All rights reserved. "LG" is a registered trademark of LG Corp.

PERFORMANCE DATA

Rated Cooling Combination Tables

Table 15: LMU187HV with Non-Ducted, Ducted, and Mixed Indoor Units — Rated Cooling Combination Table.

No. of Indoor Units	Indoor Unit Combination (kBtu/h)					Room Capacity				Total Capacity						Input (W)			EER	SEER
	IDU 1	IDU 2	IDU 3	IDU 4	Total	Unit 1 (Btu/h)	Unit 2 (Btu/h)	Unit 3 (Btu/h)	Unit 4 (Btu/h)	Minimum		Rated		Maximum		Min.	Rated	Max.		
										Btu/h	kW	Btu/h	kW	Btu/h	kW					
Non-Ducted Indoor Units																				
Two Units	9	9	-	-	18	7,800	7,800	-	-	10,798	3.16	15,600	4.57	19,000	5.57	924	1,118	2,370	14.0	21.0
	9	12	-	-	21	6,686	8,914	-	-	10,798	3.16	15,600	4.57	19,000	5.57	924	1,118	2,370	14.0	21.0
	12	12	-	-	24	7,800	7,800	-	-	10,798	3.16	15,600	4.57	19,000	5.57	924	1,118	2,370	14.0	21.0
Ducted Indoor Units																				
Two Units	9	9	-	-	18	7,400	7,400	-	-	10,798	3.16	14,800	4.34	19,000	5.57	945	1,244	2,370	11.9	17.7
	9	12	-	-	21	6,343	8,457	-	-	10,798	3.16	14,800	4.34	19,000	5.57	945	1,244	2,370	11.9	17.7
	12	12	-	-	24	7,400	7,400	-	-	10,798	3.16	14,800	4.34	19,000	5.57	945	1,244	2,370	11.9	17.7
Mixed Indoor Units																				
Two Units	9	9	-	-	18	7,600	7,600	-	-	10,798	3.16	15,200	4.46	19,000	5.57	935	1,181	2,370	12.95	19.35
	9	12	-	-	21	6,515	8,685	-	-	10,798	3.16	15,200	4.46	19,000	5.57	935	1,181	2,370	12.95	19.35
	12	12	-	-	24	7,600	7,600	-	-	10,798	3.16	15,200	4.46	19,000	5.57	935	1,181	2,370	12.95	19.35

[1]Capacity as rated: 0 ft. above sea level with 25 ft. of refrigerant piping. 0 ft. level difference between outdoor and indoor units.

[2]Cooling capacity rating obtained with air entering the indoor unit at 80ºF dry bulb (DB) and 67ºF wet bulb (WB), and outdoor ambient conditions of 95ºF dry bulb (DB) and 75ºF wet bulb (WB).

[3]Wiring cable size must comply with the applicable local and national codes.

[4]The specification may be subject to change without prior notice for purpose of improvement.

[5]At least two indoor units should be connected.

Table 16: LMU247HV with Non-Ducted, Ducted, and Mixed Indoor Units — Rated Cooling Combination Table.

No. of Indoor Units	Indoor Unit Combination (kBtu/h)					Room Capacity				Total Capacity						Input (W)			EER	SEER
	IDU 1	IDU 2	IDU 3	IDU 4	Total	Unit 1 (Btu/h)	Unit 2 (Btu/h)	Unit 3 (Btu/h)	Unit 4 (Btu/h)	Minimum		Rated		Maximum		Min.	Rated	Max.		
										Btu/h	kW	Btu/h	kW	Btu/h	kW					
Non-Ducted Indoor Units																				
Two Units	9	9	-	-	18	8,500	8,500	-	-	10,798	3.16	17,000	4.98	19,800	5.80	1,002	1,349	2,560	12.6	19.0
	9	12	-	-	21	7,586	10,114	-	-	11,100	3.25	17,700	5.19	23,100	6.77	1,044	1,383	2,830	12.8	19.0
	12	12	-	-	24	9,600	9,600	-	-	11,400	3.34	19,200	5.63	25,500	7.47	1,194	1,469	3,090	13.1	19.0
	9	18	-	-	27	6,400	12,800	-	-	11,400	3.34	19,200	5.63	27,500	8.06	1,284	1,469	3,090	13.1	19.0
	12	18	-	-	30	7,680	11,520	-	-	11,400	3.34	19,200	5.63	27,500	8.06	1,284	1,469	3,090	13.1	19.0
Three Units	9	9	9	-	27	6,400	6,400	6,400	-	11,700	3.43	19,200	5.63	28,800	8.44	1,200	1,431	3,050	13.4	21.7
	9	9	12	-	30	5,760	5,760	7,680	-	11,700	3.43	19,200	5.63	28,800	8.44	1,200	1,431	3,050	13.4	21.7
	9	12	12	-	33	5,236	6,982	6,982	-	11,700	3.43	19,200	5.63	28,800	8.44	1,200	1,431	3,050	13.4	21.7
Ducted Indoor Units																				
Two Units	9	9	-	-	18	8,300	8,300	-	-	10,798	3.16	16,600	4.87	19,800	5.80	1,042	1,495	2,560	11.1	14.4
	9	12	-	-	21	7,286	9,714	-	-	12,000	3.52	17,000	4.98	23,100	6.77	1,084	1,504	2,830	11.3	14.4
	12	12	-	-	24	9,000	9,000	-	-	12,300	3.60	18,000	5.28	25,500	7.47	1,234	1,565	3,090	11.5	14.4
	9	18	-	-	27	6,000	12,000	-	-	12,300	3.60	18,000	5.28	27,500	8.06	1,324	1,565	3,090	11.5	14.4
	12	18	-	-	30	7,200	10,800	-	-	12,300	3.60	18,000	5.28	27,500	8.06	1,324	1,565	3,090	11.5	14.4
Three Units	9	9	9	-	27	6,000	6,000	6,000	-	12,300	3.60	18,000	5.28	28,800	8.44	1,260	1,525	3,050	11.8	16.4
	9	9	12	-	30	5,400	5,400	7,200	-	12,300	3.60	18,000	5.28	28,800	8.44	1,260	1,525	3,050	11.8	16.4
	9	12	12	-	33	4,910	6,545	6,545	-	12,300	3.60	18,000	5.28	28,800	8.44	1,260	1,525	3,050	11.8	16.4
Mixed Indoor Units																				
Two Units	9	9	-	-	18	8,400	8,400	-	-	10,798	3.16	16,800	4.93	19,800	5.80	1,022	1,422	2,560	11.9	16.7
	9	12	-	-	21	7,436	9,914	-	-	11,550	3.39	17,350	5.09	23,100	6.77	1,064	1,444	2,830	12.1	16.7
	12	12	-	-	24	9,300	9,300	-	-	11,850	3.47	18,600	5.46	25,500	7.47	1,214	1,517	3,090	12.3	16.7
	9	18	-	-	27	6,200	12,400	-	-	11,850	3.47	18,600	5.46	27,500	8.06	1,304	1,517	3,090	12.3	16.7
	12	18	-	-	30	7,440	11,160	-	-	11,850	3.47	18,600	5.46	27,500	8.06	1,304	1,517	3,090	12.3	16.7
Three Units	9	9	9	-	27	6,200	6,200	6,200	-	12,000	3.52	18,600	5.46	28,800	8.44	1,230	1,478	3,050	12.6	19.05
	9	9	12	-	30	5,580	5,580	7,440	-	12,000	3.52	18,600	5.46	28,800	8.44	1,230	1,478	3,050	12.6	19.05
	9	12	12	-	33	5,073	6,764	6,764	-	12,000	3.52	18,600	5.46	28,800	8.44	1,230	1,478	3,050	12.6	19.05

[1]Capacity as rated: 0 ft. above sea level with 25 ft. of refrigerant piping. 0 ft. level difference between outdoor and indoor units.

[2]Cooling capacity rating obtained with air entering the indoor unit at 80ºF dry bulb (DB) and 67ºF wet bulb (WB), and outdoor ambient conditions of 95ºF dry bulb (DB) and 75ºF wet bulb (WB).

[3]Wiring cable size must comply with the applicable local and national codes.

[4]The specification may be subject to change without prior notice for purpose of improvement.

[5]At least two indoor units should be connected.

Due to our policy of continuous product innovation, some specifications may change without notification.
©LG Electronics U.S.A., Inc., Englewood Cliffs, NJ. All rights reserved. "LG" is a registered trademark of LG Corp.

PERFORMANCE DATA

Rated Cooling Combination Tables

Table 17: LMU369HV with Non-Ducted and Ducted Indoor Units — Rated Cooling Combination Table.

No. of Indoor Units	Indoor Unit Combination (kBtu/h)					Room Capacity				Total Capacity						Input (W)			EER	SEER
	IDU 1	IDU 2	IDU 3	IDU 4	Total	Unit 1 (Btu/h)	Unit 2 (Btu/h)	Unit 3 (Btu/h)	Unit 4 (Btu/h)	Minimum		Rated		Maximum		Min.	Rated	Max.		
										Btu/h	kW	Btu/h	kW	Btu/h	kW					
Non-Ducted Indoor Units																				
Two Units	9	9	-	-	18	9,000	9,000	-	-	10,798	3.16	18,000	5.28	19,800	5.80	1,140	1,900	2,586	9.5	13.5
	9	12	-	-	21	9,000	12,000	-	-	12,597	3.69	21,000	6.15	23,100	6.77	1,266	2,110	2,872	10.0	14.1
	12	12	-	-	24	12,000	12,000	-	-	14,397	4.22	24,000	7.03	26,400	7.74	1,392	2,320	3,158	10.3	14.7
	9	18	-	-	27	9,000	18,000	-	-	16,197	4.75	27,000	7.91	29,700	8.70	1,452	2,420	3,294	11.2	15.8
	12	18	-	-	30	12,000	18,000	-	-	17,996	5.27	30,000	8.79	33,000	9.67	1,560	2,600	3,539	11.5	16.4
	18	18	-	-	36	16,500	16,500	-	-	19,796	5.80	33,000	9.67	36,300	10.64	1,728	2,880	3,920	11.5	17.1
Three Units	9	9	9	-	27	9,000	9,000	9,000	-	16,197	4.75	27,000	7.91	29,700	8.70	1,452	2,420	3,294	11.2	15.8
	9	9	12	-	30	9,000	9,000	12,000	-	17,996	5.27	30,000	8.79	33,000	9.67	1,560	2,600	3,539	11.5	16.4
	9	12	12	-	33	9,000	12,000	12,000	-	19,796	5.80	33,000	9.67	36,300	10.64	1,644	2,740	3,729	12.0	17.1
	12	12	12	-	36	11,333	11,333	11,333	-	20,396	5.98	34,000	9.96	37,400	10.96	1,632	2,720	3,702	12.5	17.5
	9	9	18	-	36	8,500	8,500	17,000	-	20,396	5.98	34,000	9.96	37,400	10.96	1,632	2,720	3,702	12.5	17.5
	9	12	18	-	39	7,846	10,462	15,692	-	20,396	5.98	34,000	9.96	37,400	10.96	1,632	2,720	3,702	12.5	17.5
	12	12	18	-	42	9,714	9,714	14,571	-	20,396	5.98	34,000	9.96	37,400	10.96	1,632	2,720	3,702	12.5	17.5
	9	18	18	-	45	6,800	13,600	13,600	-	20,396	5.98	34,000	9.96	37,400	10.96	1,632	2,720	3,702	12.5	17.5
	12	18	18	-	48	8,500	12,750	12,750	-	20,396	5.98	34,000	9.96	37,400	10.96	1,632	2,720	3,702	12.5	17.5
Four Units	9	9	9	9	36	8,500	8,500	8,500	8,500	20,396	5.98	34,000	9.96	37,400	10.96	1,632	2,720	3,702	12.5	17.5
	9	9	9	12	39	7,846	7,846	7,846	10,462	20,396	5.98	34,000	9.96	37,400	10.96	1,632	2,720	3,702	12.5	17.5
	9	9	12	12	42	7,286	7,286	9,714	9,714	20,396	5.98	34,000	9.96	37,400	10.96	1,632	2,720	3,702	12.5	17.5
	9	12	12	12	45	6,800	9,067	9,067	9,067	20,396	5.98	34,000	9.96	37,400	10.96	1,632	2,720	3,702	12.5	17.5
	9	9	9	18	45	6,800	6,800	6,800	13,600	20,396	5.98	34,000	9.96	37,400	10.96	1,632	2,720	3,702	12.5	17.5
	9	9	12	18	48	6,375	6,375	8,500	12,750	20,396	5.98	34,000	9.96	37,400	10.96	1,632	2,720	3,702	12.5	17.5
	12	12	12	12	48	8,500	8,500	8,500	8,500	20,396	5.98	34,000	9.96	37,400	10.96	1,632	2,720	3,702	12.5	17.5
Ducted Indoor Units																				
Two Units	9	9	-	-	18	9,000	9,000	-	-	10,798	3.16	18,000	5.28	19,800	5.80	1,188	1,980	2,695	9.1	12.7
	9	12	-	-	21	9,000	12,000	-	-	12,597	3.69	21,000	6.15	23,100	6.77	1,320	2,200	2,995	9.5	13.4
	12	12	-	-	24	12,000	12,000	-	-	14,397	4.22	24,000	7.03	26,400	7.74	1,452	2,420	3,294	9.9	13.9
	9	18	-	-	27	9,000	18,000	-	-	16,197	4.75	27,000	7.91	29,700	8.70	1,518	2,530	3,443	10.7	14.9
	12	18	-	-	30	12,000	18,000	-	-	17,996	5.27	30,000	8.79	33,000	9.67	1,626	2,710	3,688	11.1	15.5
	24	9			33	24,000	9,000	-	-	19,796	5.80	33,000	9.67	35,200	10.32	1,800	3,000	3,925	11.0	15.4
	18	18	-	-	36	16,500	16,500	-	-	19,796	5.80	33,000	9.67	36,300	10.64	1,800	3,000	4,083	11.0	15.4
	24	12	-	-	36	22,000	11,000	-	-	19,796	5.80	33,000	9.67	36,300	10.64	1,800	3,000	4,083	11.0	15.4
Three Units	9	9	9	-	27	9,000	9,000	9,000	-	16,197	4.75	27,000	7.91	29,700	8.70	1,518	2,530	3,443	10.7	14.9
	9	9	12	-	30	9,000	9,000	12,000	-	17,996	5.27	30,000	8.79	33,000	9.67	1,626	2,710	3,688	11.1	15.5
	9	12	12	-	33	9,000	12,000	12,000	-	19,796	5.80	33,000	9.67	36,300	10.64	1,716	2,860	3,892	11.5	16.2
	12	12	12	-	36	11,333	11,333	11,333	-	20,396	5.98	34,000	9.96	37,400	10.96	1,704	2,840	3,865	12.0	16.5
	9	9	18	-	36	8,500	8,500	17,000	-	20,396	5.98	34,000	9.96	37,400	10.96	1,704	2,840	3,865	12.0	16.5
	9	12	18	-	39	7,846	10,462	15,692	-	20,396	5.98	34,000	9.96	37,400	10.96	1,704	2,840	3,865	12.0	16.5
	12	12	18	-	42	9,714	9,714	14,571	-	20,396	5.98	34,000	9.96	37,400	10.96	1,704	2,840	3,865	12.0	16.5
	9	18	18	-	45	6,800	13,600	13,600	-	20,396	5.98	34,000	9.96	37,400	10.96	1,704	2,840	3,865	12.0	16.5
	12	18	18	-	48	8,500	12,750	12,750	-	20,396	5.98	34,000	9.96	37,400	10.96	1,704	2,840	3,865	12.0	16.5
Four Units	9	9	9	9	36	8,500	8,500	8,500	8,500	20,396	5.98	34,000	9.96	37,400	10.96	1,704	2,840	3,865	12.0	16.5
	9	9	9	12	39	7,846	7,846	7,846	10,462	20,396	5.98	34,000	9.96	37,400	10.96	1,704	2,840	3,865	12.0	16.5
	9	9	12	12	42	7,286	7,286	9,714	9,714	20,396	5.98	34,000	9.96	37,400	10.96	1,704	2,840	3,865	12.0	16.5
	9	12	12	12	45	6,800	9,067	9,067	9,067	20,396	5.98	34,000	9.96	37,400	10.96	1,704	2,840	3,865	12.0	16.5
	9	9	9	18	45	6,800	6,800	6,800	13,600	20,396	5.98	34,000	9.96	37,400	10.96	1,704	2,840	3,865	12.0	16.5
	9	9	12	18	48	6,375	6,375	8,500	12,750	20,396	5.98	34,000	9.96	37,400	10.96	1,704	2,840	3,865	12.0	16.5
	12	12	12	12	48	8,500	8,500	8,500	8,500	20,396	5.98	34,000	9.96	37,400	10.96	1,704	2,840	3,865	12.0	16.5

[1]Capacity as rated: 0 ft. above sea level with 25 ft. of refrigerant piping. 0 ft. level difference between outdoor and indoor units.

[2]Cooling capacity rating obtained with air entering the indoor unit at 80°F dry bulb (DB) and 67°F wet bulb (WB), and outdoor ambient conditions of 95°F dry bulb (DB) and 75°F wet bulb (WB).

[3]Wiring cable size must comply with the applicable local and national codes.

[4]The specification may be subject to change without prior notice for purpose of improvement.

[5]At least two indoor units should be connected.

Due to our policy of continuous product innovation, some specifications may change without notification.
©LG Electronics U.S.A., Inc., Englewood Cliffs, NJ. All rights reserved. "LG" is a registered trademark of LG Corp.

PERFORMANCE DATA

Rated Cooling Combination Tables

Table 18: LMU369HV with Mixed Indoor Units — Rated Cooling Combination Table.

No. of Indoor Units	Indoor Unit Combination (kBtu/h)					Room Capacity				Total Capacity						Input (W)			EER	SEER
	IDU 1	IDU 2	IDU 3	IDU 4	Total	Unit 1 (Btu/h)	Unit 2 (Btu/h)	Unit 3 (Btu/h)	Unit 4 (Btu/h)	Minimum		Rated		Maximum		Min.	Rated	Max.		
										Btu/h	kW	Btu/h	kW	Btu/h	kW					
Mixed Indoor Units																				
Two Units	9	9	-	-	18	9,000	9,000	-	-	10,798	3.16	18,000	5.28	19,800	5.80	1,164	1,940	2,641	9.3	13.1
	9	12	-	-	21	9,000	12,000	-	-	12,597	3.69	21,000	6.15	23,100	6.77	1,293	2,155	2,934	9.7	13.8
	12	12	-	-	24	12,000	12,000	-	-	14,397	4.22	24,000	7.03	26,400	7.74	1,422	2,370	3,226	10.1	14.3
	9	18	-	-	27	9,000	18,000	-	-	16,197	4.75	27,000	7.91	29,700	8.70	1,485	2,475	3,369	10.9	15.4
	12	18	-	-	30	12,000	18,000	-	-	17,996	5.27	30,000	8.79	33,000	9.67	1,593	2,655	3,614	11.3	16.0
	24	9			33	24,000	9,000	-	-	19,796	5.80	33,000	9.67	35,200	10.32	1,764	2,940	3,876	11.2	15.8
	18	18	-	-	36	16,500	16,500	-	-	19,796	5.80	33,000	9.67	36,300	10.64	1,764	2,940	4,002	11.2	15.8
	24	12	-	-	36	22,000	11,000	-	-	19,796	5.80	33,000	9.67	36,300	10.64	1,764	2,940	4,002	11.2	15.8
Three Units	9	9	9	-	27	9,000	9,000	9,000	-	16,197	4.75	27,000	7.91	29,700	8.70	1,485	2,475	3,369	10.9	15.4
	9	9	12	-	30	9,000	9,000	12,000	-	17,996	5.27	30,000	8.79	33,000	9.67	1,593	2,655	3,614	11.3	16.0
	9	12	12	-	33	9,000	12,000	12,000	-	19,796	5.80	33,000	9.67	36,300	10.64	1,680	2,800	3,811	11.8	16.7
	12	12	12	-	36	11,333	11,333	11,333	-	20,396	5.98	34,000	9.96	37,400	10.96	1,668	2,780	3,784	12.25	17.0
	9	9	18	-	36	8,500	8,500	17,000	-	20,396	5.98	34,000	9.96	37,400	10.96	1,668	2,780	3,784	12.25	17.0
	9	12	18	-	39	7,846	10,462	15,692	-	20,396	5.98	34,000	9.96	37,400	10.96	1,668	2,780	3,784	12.25	17.0
	12	12	18	-	42	9,714	9,714	14,571	-	20,396	5.98	34,000	9.96	37,400	10.96	1,668	2,780	3,784	12.25	17.0
	9	18	18	-	45	6,800	13,600	13,600	-	20,396	5.98	34,000	9.96	37,400	10.96	1,668	2,780	3,784	12.25	17.0
	12	18	18	-	48	8,500	12,750	12,750	-	20,396	5.98	34,000	9.96	37,400	10.96	1,668	2,780	3,784	12.25	17.0
Four Units	9	9	9	9	36	8,500	8,500	8,500	8,500	20,396	5.98	34,000	9.96	37,400	10.96	1,668	2,780	3,784	12.25	17.0
	9	9	9	12	39	7,846	7,846	7,846	10,462	20,396	5.98	34,000	9.96	37,400	10.96	1,668	2,780	3,784	12.25	17.0
	9	9	12	12	42	7,286	7,286	9,714	9,714	20,396	5.98	34,000	9.96	37,400	10.96	1,668	2,780	3,784	12.25	17.0
	9	12	12	12	45	6,800	9,067	9,067	9,067	20,396	5.98	34,000	9.96	37,400	10.96	1,668	2,780	3,784	12.25	17.0
	9	9	9	18	45	6,800	6,800	6,800	13,600	20,396	5.98	34,000	9.96	37,400	10.96	1,668	2,780	3,784	12.25	17.0
	9	9	12	18	48	6,375	6,375	8,500	12,750	20,396	5.98	34,000	9.96	37,400	10.96	1,668	2,780	3,784	12.25	17.0
	12	12	12	12	48	8,500	8,500	8,500	8,500	20,396	5.98	34,000	9.96	37,400	10.96	1,668	2,780	3,784	12.25	17.0

[1]Capacity as rated: 0 ft. above sea level with 25 ft. of refrigerant piping.
0 ft. level difference between outdoor and indoor units.

[2]Cooling capacity rating obtained with air entering the indoor unit at 80ºF dry bulb (DB) and 67ºF wet bulb (WB), and outdoor ambient conditions of 95ºF dry bulb (DB) and 75ºF wet bulb (WB).

[3]Wiring cable size must comply with the applicable local and national codes.

[4]The specification may be subject to change without prior notice for purpose of improvement.

[5]At least two indoor units should be connected.

Due to our policy of continuous product innovation, some specifications may change without notification.
©LG Electronics U.S.A., Inc., Englewood Cliffs, NJ. All rights reserved. "LG" is a registered trademark of LG Corp.

PERFORMANCE DATA

Rated Heating Combination Tables

Table 19: LMU187HV with Non-Ducted, Ducted, and Mixed Indoor Units — Rated Heating Combination Table.

No. of Indoor Units	Indoor Unit Combination (kBtu/h)					Room Capacity				Total Capacity						Input (W)			EER	SEER
	IDU 1	IDU 2	IDU 3	IDU 4	Total	Unit 1 (Btu/h)	Unit 2 (Btu/h)	Unit 3 (Btu/h)	Unit 4 (Btu/h)	Minimum		Rated		Maximum		Min.	Rated	Max.		
										Btu/h	kW	Btu/h	kW	Btu/h	kW					
Non-Ducted Indoor Units																				
Two Units	9	9	-	-	18	8,500	8,500	-	-	12,418	3.64	17,000	4.98	21,000	6.15	1,150	1,290	2,480	3.9	9.2
	9	12	-	-	21	7,286	9,714	-	-	12,418	3.64	17,000	4.98	21,000	6.15	1,150	1,290	2,480	3.9	9.2
	12	12	-	-	24	8,500	8,500	-	-	12,418	3.64	17,000	4.98	21,000	6.15	1,150	1,290	2,480	3.9	9.2
Ducted Indoor Units																				
Two Units	9	9	-	-	18	8,400	8,400	-	-	12,418	3.64	16,800	4.92	21,000	6.15	1,170	1,306	2,480	3.8	8.8
	9	12	-	-	21	7,200	9,600	-	-	12,418	3.64	16,800	4.92	21,000	6.15	1,170	1,306	2,480	3.8	8.8
	12	12	-	-	24	8,400	8,400	-	-	12,418	3.64	16,800	4.92	21,000	6.15	1,170	1,306	2,480	3.8	8.8
Mixed Indoor Units																				
Two Units	9	9	-	-	18	8,450	8,450	-	-	12,418	3.64	16,900	4.95	21,000	6.15	1,160	1,298	2,480	3.9	9.0
	12	12	-	-	21	7,243	9,657	-	-	12,418	3.64	16,900	4.95	21,000	6.15	1,160	1,298	2,480	3.9	9.0
	12	12	-	-	24	8,450	8,450	-	-	12,418	3.64	16,900	4.95	21,000	6.15	1,160	1,298	2,480	3.9	9.0

[1]Capacity as rated: 0 ft. above sea level with 25 ft. of refrigerant piping.
0 ft. level difference between outdoor and indoor units.

[2]Heating capacity rating obtained with air entering the indoor unit at 70°F dry bulb (DB) and 60°F wet bulb (WB), and outdoor ambient conditions of 47°F dry bulb (DB) and 43°F wet bulb (WB).

[3]Wiring cable size must comply with the applicable local and national codes.

[4]The specification may be subject to change without prior notice for purpose of improvement.

[5]At least two indoor units should be connected.

Table 20: LMU247HV with Non-Ducted, Ducted, and Mixed Indoor Units — Rated Heating Combination Table.

No. of Indoor Units	Indoor Unit Combination (kBtu/h)					Room Capacity				Total Capacity						Input (W)			EER	SEER
	IDU 1	IDU 2	IDU 3	IDU 4	Total	Unit 1 (Btu/h)	Unit 2 (Btu/h)	Unit 3 (Btu/h)	Unit 4 (Btu/h)	Minimum		Rated		Maximum		Min.	Rated	Max.		
										Btu/h	kW	Btu/h	kW	Btu/h	kW					
Non-Ducted Indoor Units																				
Two Units	9	9	-	-	18	10,120	10,120	-	-	12,418	3.64	20,240	5.93	23,700	6.95	1,200	1,951	2,660	3.0	7.7
	9	12	-	-	21	9,857	13,143	-	-	12,765	3.74	23,000	6.74	27,700	8.12	1,260	2,174	3,010	3.1	7.7
	12	12	-	-	24	13,200	13,200	-	-	16,200	4.75	26,400	7.74	29,040	8.51	1,368	2,320	3,100	3.3	8.2
	9	18	-	-	27	8,800	17,600	-	-	16,200	4.75	26,400	7.74	31,500	9.23	1,428	2,320	3,100	3.3	8.2
	12	18	-	-	30	10,560	15,840	-	-	16,200	4.75	26,400	7.74	31,500	9.23	1,428	2,320	3,100	3.3	8.2
Three Units	9	9	9	-	27	8,800	8,800	8,800	-	16,200	4.75	26,400	7.74	32,000	9.38	1,308	2,207	3,090	3.5	9.4
	9	9	12	-	30	7,920	7,920	10,560	-	16,200	4.75	26,400	7.74	32,000	9.38	1,308	2,207	3,090	3.5	9.4
	9	12	12	-	33	7,200	9,600	9,600	-	16,200	4.75	26,400	7.74	32,000	9.38	1,308	2,207	3,090	3.5	9.4
Ducted Indoor Units																				
Two Units	9	9	-	-	18	10,000	10,000	-	-	12,418	3.64	20,000	5.86	23,700	6.95	1,240	1,967	2,660	3.0	7.9
	9	12	-	-	21	9,771	13,029	-	-	13,800	4.04	22,800	6.68	27,700	8.12	1,300	2,227	3,010	3.0	7.9
	12	12	-	-	24	13,100	13,100	-	-	16,500	4.84	26,200	7.68	29,040	8.51	1,408	2,360	3,100	3.3	8.1
	9	18	-	-	27	8,733	17,467	-	-	16,500	4.84	26,200	7.68	31,500	9.23	1,468	2,360	3,100	3.3	8.1
	12	18	-	-	30	10,480	15,720	-	-	16,500	4.84	26,200	7.68	31,500	9.23	1,468	2,360	3,100	3.3	8.1
Three Units	9	9	9	-	27	8,733	8,733	8,733	-	16,500	4.84	26,200	7.68	32,000	9.38	1,368	2,226	3,090	3.4	8.5
	9	9	12	-	30	7,860	7,860	10,480	-	16,500	4.84	26,200	7.68	32,000	9.38	1,368	2,226	3,090	3.4	8.5
	9	12	12	-	33	7,145	9,527	9,527	-	16,500	4.84	26,200	7.68	32,000	9.38	1,368	2,226	3,090	3.4	8.5
Mixed Indoor Units																				
Two Units	9	9	-	-	18	10,060	10,060	-	-	12,418	3.64	20,120	5.90	23,700	6.95	1,220	1,959	2,660	3.0	7.8
	9	12	-	-	21	9,814	13,086	-	-	13,283	3.89	22,900	6.71	27,700	8.12	1,280	2,201	3,010	3.1	7.8
	12	12	-	-	24	13,150	13,150	-	-	16,350	4.80	26,300	7.71	29,040	8.51	1,388	2,340	3,100	3.3	8.2
	9	18	-	-	27	8,767	17,534	-	-	16,350	4.80	26,300	7.71	31,500	9.23	1,448	2,340	3,100	3.3	8.2
	12	18	-	-	30	10,520	15,780	-	-	16,350	4.80	26,300	7.71	31,500	9.23	1,448	2,340	3,100	3.3	8.2
Three Units	9	9	9	-	27	8,767	8,767	8,767	-	16,350	4.80	26,300	7.71	32,000	9.38	1,338	2,217	3,090	3.5	8.95
	9	9	12	-	30	7,890	7,890	10,520	-	16,350	4.80	26,300	7.71	32,000	9.38	1,338	2,217	3,090	3.5	8.95
	9	12	12	-	33	7,173	9,564	9,564	-	16,350	4.80	26,300	7.71	32,000	9.38	1,338	2,217	3,090	3.5	8.95

[1]Capacity as rated: 0 ft. above sea level with 25 ft. of refrigerant piping.
0 ft. level difference between outdoor and indoor units.

[2]Heating capacity rating obtained with air entering the indoor unit at 70°F dry bulb (DB) and 60°F wet bulb (WB), and outdoor ambient conditions of 47°F dry bulb (DB) and 43°F wet bulb (WB).

[3]Wiring cable size must comply with the applicable local and national codes.

[4]The specification may be subject to change without prior notice for purpose of improvement.

[5]At least two indoor units should be connected.

Due to our policy of continuous product innovation, some specifications may change without notification.
©LG Electronics U.S.A., Inc., Englewood Cliffs, NJ. All rights reserved. "LG" is a registered trademark of LG Corp.

PERFORMANCE DATA

Rated Heating Combination Tables

Table 21: LMU369HV with Non-Ducted and Ducted Indoor Units — Rated Heating Combination Table.

No. of Indoor Units	Indoor Unit Combination (kBtu/h)					Room Capacity				Total Capacity						Input (W)			EER	SEER
	IDU 1	IDU 2	IDU 3	IDU 4	Total	Unit 1 (Btu/h)	Unit 2 (Btu/h)	Unit 3 (Btu/h)	Unit 4 (Btu/h)	Minimum		Rated		Maximum		Min.	Rated	Max.		
										Btu/h	kW	Btu/h	kW	Btu/h	kW					
Non-Ducted Indoor Units																				
Two Units	9	9	-	-	18	10,350	10,350	-	-	12,418	3.64	20,700	6.07	22,770	6.67	1,248	2,080	2,416	2.9	9.3
	9	12	-	-	21	10,350	13,800	-	-	14,487	4.25	24,150	7.08	26,510	7.77	1,524	2,540	2,950	2.8	8.9
	12	12	-	-	24	13,800	13,800	-	-	16,557	4.85	27,600	8.09	30,360	8.90	1,554	2,590	3,008	3.1	10.0
	9	18	-	-	27	10,350	20,700	-	-	18,626	5.46	31,050	9.10	33,000	9.67	1,740	2,900	3,368	3.1	10.0
	12	18	-	-	30	13,800	20,700	-	-	20,696	6.07	34,500	10.11	36,300	10.64	1,932	3,220	3,740	3.1	10.0
	18	18	-	-	36	19,000	19,000	-	-	22,795	6.68	38,000	11.14	40,000	11.72	2,118	3,530	4,100	3.2	10.1
Three Units	9	9	9	-	27	10,350	10,350	10,350	-	18,626	5.46	31,050	9.10	34,100	9.99	1,740	2,900	3,368	3.1	10.0
	9	9	12	-	30	10,350	10,350	13,800	-	20,696	6.07	34,500	10.11	37,400	10.96	1,932	3,220	3,740	3.1	10.0
	9	12	12	-	33	10,350	13,800	13,800	-	22,765	6.67	37,950	11.12	38,500	11.28	2,040	3,400	3,949	3.3	10.4
	12	12	12	-	36	13,667	13,667	13,667	-	24,595	7.21	41,000	12.02	45,100	13.22	2,148	3,580	4,153	3.4	10.5
	9	9	18	-	36	10,250	10,250	20,500	-	24,595	7.21	41,000	12.02	45,100	13.22	2,148	3,580	4,153	3.4	10.5
	9	12	18	-	39	9,462	12,615	18,923	-	24,595	7.21	41,000	12.02	45,100	13.22	2,148	3,580	4,153	3.4	10.5
	12	12	18	-	42	11,714	11,714	17,571	-	24,595	7.21	41,000	12.02	45,100	13.22	2,148	3,580	4,153	3.4	10.5
	9	18	18	-	45	8,200	16,400	16,400	-	24,595	7.21	41,000	12.02	45,100	13.22	2,148	3,580	4,153	3.4	10.5
	12	18	18	-	48	10,250	15,375	15,375	-	24,595	7.21	41,000	12.02	45,100	13.22	2,148	3,580	4,153	3.4	10.5
Four Units	9	9	9	9	36	10,250	10,250	10,250	10,250	24,595	7.21	41,000	12.02	45,100	13.22	2,148	3,580	4,153	3.4	10.5
	9	9	9	12	39	9,462	9,462	9,462	12,615	24,595	7.21	41,000	12.02	45,100	13.22	2,148	3,580	4,153	3.4	10.5
	9	9	12	12	42	8,786	8,786	11,714	11,714	24,595	7.21	41,000	12.02	45,100	13.22	2,148	3,580	4,153	3.4	10.5
	9	12	12	12	45	8,200	10,933	10,933	10,933	24,595	7.21	41,000	12.02	45,100	13.22	2,148	3,580	4,153	3.4	10.5
	9	9	9	18	45	8,200	8,200	8,200	16,400	24,595	7.21	41,000	12.02	45,100	13.22	2,148	3,580	4,153	3.4	10.5
	9	9	12	18	48	7,688	7,688	10,250	15,374	24,595	7.21	41,000	12.02	45,100	13.22	2,148	3,580	4,153	3.4	10.5
	12	12	12	12	48	10,250	10,250	10,250	10,250	24,595	7.21	41,000	12.02	45,100	13.22	2,148	3,580	4,153	3.4	10.5
Ducted Indoor Units																				
Two Units	9	9	-	-	18	10,350	10,350	-	-	12,418	3.64	20,700	6.07	22,770	6.67	1,302	2,170	2,520	2.8	8.5
	9	12	-	-	21	10,350	13,800	-	-	14,487	4.25	24,150	7.08	26,510	7.77	1,536	2,560	2,973	2.8	8.8
	12	12	-	-	24	13,800	13,800	-	-	16,557	4.85	27,600	8.09	30,360	8.90	1,614	2,690	3,124	3.0	9.0
	9	18	-	-	27	10,350	20,700	-	-	18,626	5.46	31,050	9.10	33,000	9.67	1,812	3,020	3,508	3.0	9.0
	12	18	-	-	30	13,800	20,700	-	-	20,696	6.07	34,500	10.11	36,300	10.64	2,010	3,350	3,891	3.0	9.0
	24	9			33	27,636	10,364	-	-	21,595	6.33	36,000	10.55	38,500	11.28	2,095	3,490	4,124	3.0	9.0
	18	18	-	-	36	19,000	19,000	-	-	22,795	6.68	38,000	11.14	40,000	11.72	2,208	3,680	4,274	3.0	9.0
	24	12	-	-	36	25,333	12,667	-	-	22,795	6.68	38,000	11.14	40,000	11.72	2,208	3,680	4,274	3.0	9.0
Three Units	9	9	9	-	27	10,350	10,350	10,350	-	18,626	5.46	31,050	9.10	34,100	9.99	1,812	3,020	3,508	3.0	9.0
	9	9	12	-	30	10,350	10,350	13,800	-	20,696	6.07	34,500	10.11	37,400	10.96	2,010	3,350	3,891	3.0	9.0
	9	12	12	-	33	10,350	13,800	13,800	-	22,765	6.67	37,950	11.12	38,500	11.28	2,130	3,550	4,123	3.1	9.2
	12	12	12	-	36	13,667	13,667	13,667	-	24,595	7.21	41,000	12.02	45,100	13.22	2,232	3,720	4,321	3.2	9.5
	9	9	18	-	36	10,250	10,250	20,500	-	24,595	7.21	41,000	12.02	45,100	13.22	2,232	3,720	4,321	3.2	9.5
	9	12	18	-	39	9,462	12,615	18,923	-	24,595	7.21	41,000	12.02	45,100	13.22	2,232	3,720	4,321	3.2	9.5
	12	12	18	-	42	11,714	11,714	17,571	-	24,595	7.21	41,000	12.02	45,100	13.22	2,232	3,720	4,321	3.2	9.5
	9	18	18	-	45	8,200	16,400	16,400	-	24,595	7.21	41,000	12.02	45,100	13.22	2,232	3,720	4,321	3.2	9.5
	12	18	18	-	48	10,250	15,375	15,375	-	24,595	7.21	41,000	12.02	45,100	13.22	2,232	3,720	4,321	3.2	9.5
Four Units	9	9	9	9	36	10,250	10,250	10,250	10,250	24,595	7.21	41,000	12.02	45,100	13.22	2,232	3,720	4,321	3.2	9.5
	9	9	9	12	39	9,462	9,462	9,462	12,615	24,595	7.21	41,000	12.02	45,100	13.22	2,232	3,720	4,321	3.2	9.5
	9	9	12	12	42	8,786	8,786	11,714	11,714	24,595	7.21	41,000	12.02	45,100	13.22	2,232	3,720	4,321	3.2	9.5
	9	12	12	12	45	8,200	10,933	10,933	10,933	24,595	7.21	41,000	12.02	45,100	13.22	2,232	3,720	4,321	3.2	9.5
	9	9	9	18	45	8,200	8,200	8,200	16,400	24,595	7.21	41,000	12.02	45,100	13.22	2,232	3,720	4,321	3.2	9.5
	9	9	12	18	48	7,688	7,688	10,250	15,374	24,595	7.21	41,000	12.02	45,100	13.22	2,232	3,720	4,321	3.2	9.5
	12	12	12	12	48	10,250	10,250	10,250	10,250	24,595	7.21	41,000	12.02	45,100	13.22	2,232	3,720	4,321	3.2	9.5

[1]Capacity as rated: 0 ft. above sea level with 25 ft. of refrigerant piping. 0 ft. level difference between outdoor and indoor units.

[2]Heating capacity rating obtained with air entering the indoor unit at 70ºF dry bulb (DB) and 60ºF wet bulb (WB), and outdoor ambient conditions of 47ºF dry bulb (DB) and 43ºF wet bulb (WB).

[3]Wiring cable size must comply with the applicable local and national codes.

[4]The specification may be subject to change without prior notice for purpose of improvement.

[5]At least two indoor units should be connected.

Due to our policy of continuous product innovation, some specifications may change without notification.
©LG Electronics U.S.A., Inc., Englewood Cliffs, NJ. All rights reserved. "LG" is a registered trademark of LG Corp.

PERFORMANCE DATA

Rated Heating Combination Tables

Table 22: LMU369HV with Mixed Indoor Units — Rated Heating Combination Table.

No. of Indoor Units	Indoor Unit Combination (kBtu/h)					Room Capacity				Total Capacity						Input (W)			EER	SEER
	IDU 1	IDU 2	IDU 3	IDU 4	Total	Unit 1 (Btu/h)	Unit 2 (Btu/h)	Unit 3 (Btu/h)	Unit 4 (Btu/h)	Minimum		Rated		Maximum		Min.	Rated	Max.		
										Btu/h	kW	Btu/h	kW	Btu/h	kW					
Mixed Indoor Units																				
Two Units	9	9	-	-	18	10,350	10,350	-	-	12,418	3.64	20,700	6.07	22,770	6.67	1,275	2,125	2,468	2.9	8.9
	9	12	-	-	21	10,350	13,800	-	-	14,487	4.25	24,150	7.08	26,510	7.77	1,530	2,550	2,962	2.8	8.9
	12	12	-	-	24	13,800	13,800	-	-	16,557	4.85	27,600	8.09	30,360	8.90	1,584	2,640	3,066	3.1	9.5
	9	18	-	-	27	10,350	20,700	-	-	18,626	5.46	31,050	9.10	33,000	9.67	1,776	2,960	3,438	3.1	9.5
	12	18	-	-	30	13,800	20,700	-	-	20,696	6.07	34,500	10.11	36,300	10.64	1,971	3,285	3,816	3.1	9.5
	24	9			33	27,636	10,364	-	-	21,595	6.33	36,000	10.55	38,500	11.28	2,054	3,425	4,045	3.1	9.5
	18	18	-	-	36	19,000	19,000	-	-	22,795	6.68	38,000	11.14	40,000	11.72	2,163	3,605	4,187	3.1	9.6
	24	12	-	-	36	25,333	12,667	-	-	22,795	6.68	38,000	11.14	40,000	11.72	2,163	3,605	4,187	3.1	9.6
Three Units	9	9	9	-	27	10,350	10,350	10,350	-	18,626	5.46	31,050	9.10	34,100	9.99	1,776	2,960	3,438	3.1	9.5
	9	9	12	-	30	10,350	10,350	13,800	-	20,696	6.07	34,500	10.11	37,400	10.96	1,971	3,285	3,816	3.1	9.5
	9	12	12	-	33	10,350	13,800	13,800	-	22,765	6.67	37,950	11.12	38,500	11.28	2,085	3,475	4,036	3.2	9.8
	12	12	12	-	36	13,667	13,667	13,667	-	24,595	7.21	41,000	12.02	45,100	13.22	2,190	3,650	4,237	3.3	10.0
	9	9	18	-	36	10,250	10,250	20,500	-	24,595	7.21	41,000	12.02	45,100	13.22	2,190	3,650	4,237	3.3	10.0
	9	12	18	-	39	9,462	12,615	18,923	-	24,595	7.21	41,000	12.02	45,100	13.22	2,190	3,650	4,237	3.3	10.0
	12	12	18	-	42	11,714	11,714	17,571	-	24,595	7.21	41,000	12.02	45,100	13.22	2,190	3,650	4,237	3.3	10.0
	9	18	18	-	45	8,200	16,400	16,400	-	24,595	7.21	41,000	12.02	45,100	13.22	2,190	3,650	4,237	3.3	10.0
	12	18	18	-	48	10,250	15,375	15,375	-	24,595	7.21	41,000	12.02	45,100	13.22	2,190	3,650	4,237	3.3	10.0
Four Units	9	9	9	9	36	10,250	10,250	10,250	10,250	24,595	7.21	41,000	12.02	45,100	13.22	2,190	3,650	4,237	3.3	10.0
	9	9	9	12	39	9,462	9,462	9,462	12,615	24,595	7.21	41,000	12.02	45,100	13.22	2,190	3,650	4,237	3.3	10.0
	9	9	12	12	42	8,786	8,786	11,714	11,714	24,595	7.21	41,000	12.02	45,100	13.22	2,190	3,650	4,237	3.3	10.0
	9	12	12	12	45	8,200	10,933	10,933	10,933	24,595	7.21	41,000	12.02	45,100	13.22	2,190	3,650	4,237	3.3	10.0
	9	9	9	18	45	8,200	8,200	8,200	16,400	24,595	7.21	41,000	12.02	45,100	13.22	2,190	3,650	4,237	3.3	10.0
	9	9	12	18	48	7,688	7,688	10,250	15,374	24,595	7.21	41,000	12.02	45,100	13.22	2,190	3,650	4,237	3.3	10.0
	12	12	12	12	48	10,250	10,250	10,250	10,250	24,595	7.21	41,000	12.02	45,100	13.22	2,190	3,650	4,237	3.3	10.0

[1]Capacity as rated: 0 ft. above sea level with 25 ft. of refrigerant piping.
0 ft. level difference between outdoor and indoor units.

[2]Heating capacity rating obtained with air entering the indoor unit at 70°F dry bulb (DB) and 60°F wet bulb (WB), and outdoor ambient conditions of 47°F dry bulb (DB) and 43°F wet bulb (WB).

[3]Wiring cable size must comply with the applicable local and national codes.

[4]The specification may be subject to change without prior notice for purpose of improvement.

[5]At least two indoor units should be connected.

Due to our policy of continuous product innovation, some specifications may change without notification.
©LG Electronics U.S.A., Inc., Englewood Cliffs, NJ. All rights reserved. "LG" is a registered trademark of LG Corp.

PERFORMANCE DATA

Cooling Capacity Tables

Table 23: LMU187HV Cooling Capacity Table —Non-Ducted Indoor Units.

Connected Indoor Units	Combination Capacity Index	Outdoor Air Temp. (°F DB)	Indoor Air Temp. °F DB / °F WB											
			68 / 57		73 / 61		77 / 64		80 / 67		86 / 72		90 / 75	
			TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
Two (2) Non-Ducted Indoor Units	9 + 9	14	15.29	0.70	16.24	0.73	17.19	0.75	17.88	0.76	19.09	0.77	20.04	0.79
		20	15.28	0.71	16.23	0.74	17.18	0.76	17.86	0.77	19.08	0.79	20.03	0.80
		25	15.27	0.72	16.22	0.75	17.17	0.77	17.85	0.78	19.06	0.80	20.01	0.81
		30	15.26	0.73	16.21	0.76	17.15	0.78	17.84	0.79	19.05	0.81	20.00	0.82
		35	15.25	0.74	16.19	0.77	17.14	0.79	17.82	0.80	19.03	0.82	19.98	0.84
		40	15.23	0.75	16.18	0.78	17.13	0.81	17.81	0.81	19.02	0.83	19.96	0.85
		45	15.22	0.76	16.17	0.79	17.11	0.82	17.80	0.83	19.00	0.84	19.95	0.86
		50	15.21	0.77	16.16	0.80	17.10	0.83	17.78	0.84	18.99	0.85	19.93	0.87
		55	15.20	0.78	16.14	0.81	17.09	0.84	17.77	0.85	18.98	0.86	19.92	0.88
		60	15.19	0.79	16.13	0.82	17.07	0.85	17.76	0.86	18.96	0.87	19.90	0.89
		65	15.18	0.80	16.12	0.83	17.06	0.86	17.74	0.87	18.95	0.89	19.89	0.90
		70	15.16	0.81	16.11	0.84	17.05	0.87	17.73	0.88	18.93	0.90	19.87	0.92
		75	14.80	0.85	15.74	0.89	16.68	0.92	17.36	0.93	18.56	0.95	19.50	0.96
		80	14.43	0.90	15.37	0.93	16.31	0.96	16.99	0.98	18.18	0.99	19.12	1.01
		85	14.07	0.94	15.01	0.98	15.94	1.01	16.62	1.02	17.81	1.04	18.75	1.06
		90	13.71	0.99	14.64	1.02	15.58	1.06	16.25	1.07	17.44	1.09	18.37	1.11
		95	13.32	1.03	14.25	1.07	15.17	1.11	**15.60**	**1.12**	17.03	1.14	17.96	1.16
		100	12.99	1.07	13.92	1.11	14.85	1.15	15.40	1.17	16.71	1.19	17.63	1.21
		105	12.67	1.12	13.60	1.16	14.53	1.20	15.20	1.21	16.38	1.24	17.31	1.26
		110	12.35	1.16	13.27	1.20	14.20	1.25	14.87	1.26	16.06	1.28	16.98	1.31
		115	12.02	1.20	12.95	1.25	13.88	1.29	14.55	1.31	15.73	1.33	16.66	1.36
		118	11.83	1.23	12.75	1.27	13.68	1.32	14.35	1.34	15.54	1.36	16.47	1.39
		122	11.76	1.26	12.69	1.31	13.62	1.36	14.29	1.37	15.47	1.40	16.40	1.43
	9 + 12	14	15.29	0.70	16.24	0.73	17.19	0.75	17.88	0.76	19.09	0.77	20.04	0.79
		20	15.28	0.71	16.23	0.74	17.18	0.76	17.86	0.77	19.08	0.79	20.03	0.80
		25	15.27	0.72	16.22	0.75	17.17	0.77	17.85	0.78	19.06	0.80	20.01	0.81
		30	15.26	0.73	16.21	0.76	17.15	0.78	17.84	0.79	19.05	0.81	20.00	0.82
		35	15.25	0.74	16.19	0.77	17.14	0.79	17.82	0.80	19.03	0.82	19.98	0.84
		40	15.23	0.75	16.18	0.78	17.13	0.81	17.81	0.81	19.02	0.83	19.96	0.85
		45	15.22	0.76	16.17	0.79	17.11	0.82	17.80	0.83	19.00	0.84	19.95	0.86
		50	15.21	0.77	16.16	0.80	17.10	0.83	17.78	0.84	18.99	0.85	19.93	0.87
		55	15.20	0.78	16.14	0.81	17.09	0.84	17.77	0.85	18.98	0.86	19.92	0.88
		60	15.19	0.79	16.13	0.82	17.07	0.85	17.76	0.86	18.96	0.87	19.90	0.89
		65	15.18	0.80	16.12	0.83	17.06	0.86	17.74	0.87	18.95	0.89	19.89	0.90
		70	15.16	0.81	16.11	0.84	17.05	0.87	17.73	0.88	18.93	0.90	19.87	0.92
		75	14.80	0.85	15.74	0.89	16.68	0.92	17.36	0.93	18.56	0.95	19.50	0.96
		80	14.43	0.90	15.37	0.93	16.31	0.96	16.99	0.98	18.18	0.99	19.12	1.01
		85	14.07	0.94	15.01	0.98	15.94	1.01	16.62	1.02	17.81	1.04	18.75	1.06
		90	13.71	0.99	14.64	1.02	15.58	1.06	16.25	1.07	17.44	1.09	18.37	1.11
		95	13.32	1.03	14.25	1.07	15.17	1.11	**15.60**	**1.12**	17.03	1.14	17.96	1.16
		100	12.99	1.07	13.92	1.11	14.85	1.15	15.40	1.17	16.71	1.19	17.63	1.21
		105	12.67	1.12	13.60	1.16	14.53	1.20	15.20	1.21	16.38	1.24	17.31	1.26
		110	12.35	1.16	13.27	1.20	14.20	1.25	14.87	1.26	16.06	1.28	16.98	1.31
		115	12.02	1.20	12.95	1.25	13.88	1.29	14.55	1.31	15.73	1.33	16.66	1.36
		118	11.83	1.23	12.75	1.27	13.68	1.32	14.35	1.34	15.54	1.36	16.47	1.39
		122	11.76	1.26	12.69	1.31	13.62	1.36	14.29	1.37	15.47	1.40	16.40	1.43

TC = Total Capacity (kBtu/h).

PI = Power Input (kW).

Nominal capacity as rated: 0 ft. above sea level with 25 ft. of refrigerant piping.
0 ft. level difference between outdoor and indoor units.

Nominal cooling capacity rating obtained with air entering the indoor unit at 80ºF dry bulb (DB) and 67ºF wet bulb (WB), and outdoor ambient conditions of 95ºF dry bulb (DB) and 75ºF wet bulb (WB).

The shaded table rows indicate reference data. When operating at this temperature, these values can be different if the system is not running consistently.

Due to our policy of continuous product innovation, some specifications may change without notification.
©LG Electronics U.S.A., Inc., Englewood Cliffs, NJ. All rights reserved. "LG" is a registered trademark of LG Corp.

PERFORMANCE DATA

Cooling Capacity Tables

Table 24: LMU187HV Cooling Capacity Table —Non-Ducted (continued) / Ducted Indoor Units.

Connected Indoor Units	Combination Capacity Index	Outdoor Air Temp. (°F DB)	Indoor Air Temp. °F DB / °F WB											
			68 / 57		73 / 61		77 / 64		80 / 67		86 / 72		90 / 75	
			TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
Two (2) Non-Ducted Indoor Units	12 + 12	14	15.29	0.70	16.24	0.73	17.19	0.75	17.88	0.76	19.09	0.77	20.04	0.79
		20	15.28	0.71	16.23	0.74	17.18	0.76	17.86	0.77	19.08	0.79	20.03	0.80
		25	15.27	0.72	16.22	0.75	17.17	0.77	17.85	0.78	19.06	0.80	20.01	0.81
		30	15.26	0.73	16.21	0.76	17.15	0.78	17.84	0.79	19.05	0.81	20.00	0.82
		35	15.25	0.74	16.19	0.77	17.14	0.79	17.82	0.80	19.03	0.82	19.98	0.84
		40	15.23	0.75	16.18	0.78	17.13	0.81	17.81	0.81	19.02	0.83	19.96	0.85
		45	15.22	0.76	16.17	0.79	17.11	0.82	17.80	0.83	19.00	0.84	19.95	0.86
		50	15.21	0.77	16.16	0.80	17.10	0.83	17.78	0.84	18.99	0.85	19.93	0.87
		55	15.20	0.78	16.14	0.81	17.09	0.84	17.77	0.85	18.98	0.86	19.92	0.88
		60	15.19	0.79	16.13	0.82	17.07	0.85	17.76	0.86	18.96	0.87	19.90	0.89
		65	15.18	0.80	16.12	0.83	17.06	0.86	17.74	0.87	18.95	0.89	19.89	0.90
		70	15.16	0.81	16.11	0.84	17.05	0.87	17.73	0.88	18.93	0.90	19.87	0.92
		75	14.80	0.85	15.74	0.89	16.68	0.92	17.36	0.93	18.56	0.95	19.50	0.96
		80	14.43	0.90	15.37	0.93	16.31	0.96	16.99	0.98	18.18	0.99	19.12	1.01
		85	14.07	0.94	15.01	0.98	15.94	1.01	16.62	1.02	17.81	1.04	18.75	1.06
		90	13.71	0.99	14.64	1.02	15.58	1.06	16.25	1.07	17.44	1.09	18.37	1.11
		95	13.32	1.03	14.25	1.07	15.17	1.11	**15.60**	**1.12**	17.03	1.14	17.96	1.16
		100	12.99	1.07	13.92	1.11	14.85	1.15	15.40	1.17	16.71	1.19	17.63	1.21
		105	12.67	1.12	13.60	1.16	14.53	1.20	15.20	1.21	16.38	1.24	17.31	1.26
		110	12.35	1.16	13.27	1.20	14.20	1.25	14.87	1.26	16.06	1.28	16.98	1.31
		115	12.02	1.20	12.95	1.25	13.88	1.29	14.55	1.31	15.73	1.33	16.66	1.36
		118	11.83	1.23	12.75	1.27	13.68	1.32	14.35	1.34	15.54	1.36	16.47	1.39
		122	11.76	1.26	12.69	1.31	13.62	1.36	14.29	1.37	15.47	1.40	16.40	1.43
Two (2) Ducted Indoor Units	9 + 9	14	14.51	0.78	15.41	0.81	16.31	0.84	16.96	0.85	18.11	0.86	19.01	0.88
		20	14.50	0.79	15.40	0.82	16.30	0.85	16.95	0.86	18.10	0.87	19.00	0.89
		25	14.49	0.80	15.39	0.83	16.29	0.86	16.94	0.87	18.08	0.89	18.98	0.90
		30	14.48	0.81	15.37	0.84	16.27	0.87	16.92	0.88	18.07	0.90	18.97	0.92
		35	14.46	0.82	15.36	0.85	16.26	0.88	16.91	0.89	18.06	0.91	18.96	0.93
		40	14.45	0.83	15.35	0.86	16.25	0.90	16.90	0.91	18.04	0.92	18.94	0.94
		45	14.44	0.85	15.34	0.88	16.24	0.91	16.88	0.92	18.03	0.94	18.93	0.95
		50	14.43	0.86	15.33	0.89	16.22	0.92	16.87	0.93	18.02	0.95	18.91	0.97
		55	14.42	0.87	15.32	0.90	16.21	0.93	16.86	0.94	18.00	0.96	18.90	0.98
		60	14.41	0.88	15.30	0.91	16.20	0.94	16.84	0.96	17.99	0.97	18.88	0.99
		65	14.40	0.89	15.29	0.92	16.19	0.96	16.83	0.97	17.97	0.99	18.87	1.01
		70	14.39	0.90	15.28	0.93	16.17	0.97	16.82	0.98	17.96	1.00	18.85	1.02
		75	14.04	0.95	14.93	0.98	15.82	1.02	16.47	1.03	17.61	1.05	18.50	1.07
		80	13.69	1.00	14.58	1.04	15.47	1.07	16.11	1.09	17.25	1.11	18.14	1.13
		85	13.35	1.05	14.24	1.09	15.12	1.13	15.77	1.14	16.90	1.16	17.79	1.18
		90	13.01	1.10	13.89	1.14	14.78	1.18	15.42	1.19	16.55	1.21	17.43	1.24
		95	12.64	1.14	13.52	1.19	14.40	1.23	**14.80**	**1.24**	16.16	1.27	17.04	1.29
		100	12.33	1.19	13.21	1.24	14.09	1.28	14.61	1.30	15.85	1.32	16.73	1.35
		105	12.02	1.24	12.90	1.29	13.78	1.33	14.42	1.35	15.54	1.37	16.42	1.40
		110	11.71	1.29	12.59	1.34	13.47	1.39	14.11	1.40	15.23	1.43	16.11	1.46
		115	11.40	1.34	12.29	1.39	13.17	1.44	13.80	1.46	14.93	1.48	15.81	1.51
		118	11.22	1.37	12.10	1.42	12.98	1.47	13.62	1.49	14.74	1.51	15.62	1.55
		122	11.16	1.41	12.04	1.46	12.92	1.51	13.55	1.53	14.68	1.56	15.56	1.59

TC = Total Capacity (kBtu/h).

PI = Power Input (kW).

Nominal capacity as rated: 0 ft. above sea level with 25 ft. of refrigerant piping.
0 ft. level difference between outdoor and indoor units.

Nominal cooling capacity rating obtained with air entering the indoor unit at 80ºF dry bulb (DB) and 67ºF wet bulb (WB), and outdoor ambient conditions of 95ºF dry bulb (DB) and 75ºF wet bulb (WB).

The shaded table rows indicate reference data. When operating at this temperature, these values can be different if the system is not running consistently.

Due to our policy of continuous product innovation, some specifications may change without notification.
©LG Electronics U.S.A., Inc., Englewood Cliffs, NJ. All rights reserved. "LG" is a registered trademark of LG Corp.

PERFORMANCE DATA

Cooling Capacity Tables

Table 25: LMU187HV Cooling Capacity Table —Ducted Indoor Units (continued).

Connected Indoor Units	Combination Capacity Index	Outdoor Air Temp. (°F DB)	Indoor Air Temp. °F DB / °F WB											
			68 / 57		73 / 61		77 / 64		80 / 67		86 / 72		90 / 75	
			TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
Two (2) Ducted Indoor Units	9 + 12	14	14.51	0.78	15.41	0.81	16.31	0.84	16.96	0.85	18.11	0.86	19.01	0.88
		20	14.50	0.79	15.40	0.82	16.30	0.85	16.95	0.86	18.10	0.87	19.00	0.89
		25	14.49	0.80	15.39	0.83	16.29	0.86	16.94	0.87	18.08	0.89	18.98	0.90
		30	14.48	0.81	15.37	0.84	16.27	0.87	16.92	0.88	18.07	0.90	18.97	0.92
		35	14.46	0.82	15.36	0.85	16.26	0.88	16.91	0.89	18.06	0.91	18.96	0.93
		40	14.45	0.83	15.35	0.86	16.25	0.90	16.90	0.91	18.04	0.92	18.94	0.94
		45	14.44	0.85	15.34	0.88	16.24	0.91	16.88	0.92	18.03	0.94	18.93	0.95
		50	14.43	0.86	15.33	0.89	16.22	0.92	16.87	0.93	18.02	0.95	18.91	0.97
		55	14.42	0.87	15.32	0.90	16.21	0.93	16.86	0.94	18.00	0.96	18.90	0.98
		60	14.41	0.88	15.30	0.91	16.20	0.94	16.84	0.96	17.99	0.97	18.88	0.99
		65	14.40	0.89	15.29	0.92	16.19	0.96	16.83	0.97	17.97	0.99	18.87	1.01
		70	14.39	0.90	15.28	0.93	16.17	0.97	16.82	0.98	17.96	1.00	18.85	1.02
		75	14.04	0.95	14.93	0.98	15.82	1.02	16.47	1.03	17.61	1.05	18.50	1.07
		80	13.69	1.00	14.58	1.04	15.47	1.07	16.11	1.09	17.25	1.11	18.14	1.13
		85	13.35	1.05	14.24	1.09	15.12	1.13	15.77	1.14	16.90	1.16	17.79	1.18
		90	13.01	1.10	13.89	1.14	14.78	1.18	15.42	1.19	16.55	1.21	17.43	1.24
		95	12.64	1.14	13.52	1.19	14.40	1.23	**14.80**	**1.24**	16.16	1.27	17.04	1.29
		100	12.33	1.19	13.21	1.24	14.09	1.28	14.61	1.30	15.85	1.32	16.73	1.35
		105	12.02	1.24	12.90	1.29	13.78	1.33	14.42	1.35	15.54	1.37	16.42	1.40
		110	11.71	1.29	12.59	1.34	13.47	1.39	14.11	1.40	15.23	1.43	16.11	1.46
		115	11.40	1.34	12.29	1.39	13.17	1.44	13.80	1.46	14.93	1.48	15.81	1.51
		118	11.22	1.37	12.10	1.42	12.98	1.47	13.62	1.49	14.74	1.51	15.62	1.55
		122	11.16	1.41	12.04	1.46	12.92	1.51	13.55	1.53	14.68	1.56	15.56	1.59
	12 + 12	14	14.51	0.78	15.41	0.81	16.31	0.84	16.96	0.85	18.11	0.86	19.01	0.88
		20	14.50	0.79	15.40	0.82	16.30	0.85	16.95	0.86	18.10	0.87	19.00	0.89
		25	14.49	0.80	15.39	0.83	16.29	0.86	16.94	0.87	18.08	0.89	18.98	0.90
		30	14.48	0.81	15.37	0.84	16.27	0.87	16.92	0.88	18.07	0.90	18.97	0.92
		35	14.46	0.82	15.36	0.85	16.26	0.88	16.91	0.89	18.06	0.91	18.96	0.93
		40	14.45	0.83	15.35	0.86	16.25	0.90	16.90	0.91	18.04	0.92	18.94	0.94
		45	14.44	0.85	15.34	0.88	16.24	0.91	16.88	0.92	18.03	0.94	18.93	0.95
		50	14.43	0.86	15.33	0.89	16.22	0.92	16.87	0.93	18.02	0.95	18.91	0.97
		55	14.42	0.87	15.32	0.90	16.21	0.93	16.86	0.94	18.00	0.96	18.90	0.98
		60	14.41	0.88	15.30	0.91	16.20	0.94	16.84	0.96	17.99	0.97	18.88	0.99
		65	14.40	0.89	15.29	0.92	16.19	0.96	16.83	0.97	17.97	0.99	18.87	1.01
		70	14.39	0.90	15.28	0.93	16.17	0.97	16.82	0.98	17.96	1.00	18.85	1.02
		75	14.04	0.95	14.93	0.98	15.82	1.02	16.47	1.03	17.61	1.05	18.50	1.07
		80	13.69	1.00	14.58	1.04	15.47	1.07	16.11	1.09	17.25	1.11	18.14	1.13
		85	13.35	1.05	14.24	1.09	15.12	1.13	15.77	1.14	16.90	1.16	17.79	1.18
		90	13.01	1.10	13.89	1.14	14.78	1.18	15.42	1.19	16.55	1.21	17.43	1.24
		95	12.64	1.14	13.52	1.19	14.40	1.23	**14.80**	**1.24**	16.16	1.27	17.04	1.29
		100	12.33	1.19	13.21	1.24	14.09	1.28	14.61	1.30	15.85	1.32	16.73	1.35
		105	12.02	1.24	12.90	1.29	13.78	1.33	14.42	1.35	15.54	1.37	16.42	1.40
		110	11.71	1.29	12.59	1.34	13.47	1.39	14.11	1.40	15.23	1.43	16.11	1.46
		115	11.40	1.34	12.29	1.39	13.17	1.44	13.80	1.46	14.93	1.48	15.81	1.51
		118	11.22	1.37	12.10	1.42	12.98	1.47	13.62	1.49	14.74	1.51	15.62	1.55
		122	11.16	1.41	12.04	1.46	12.92	1.51	13.55	1.53	14.68	1.56	15.56	1.59

TC = Total Capacity (kBtu/h).

PI = Power Input (kW).

Nominal capacity as rated: 0 ft. above sea level with 25 ft. of refrigerant piping.
0 ft. level difference between outdoor and indoor units.

Nominal cooling capacity rating obtained with air entering the indoor unit at 80ºF dry bulb (DB) and 67ºF wet bulb (WB), and outdoor ambient conditions of 95ºF dry bulb (DB) and 75ºF wet bulb (WB).

The shaded table rows indicate reference data. When operating at this temperature, these values can be different if the system is not running consistently.

Due to our policy of continuous product innovation, some specifications may change without notification.
©LG Electronics U.S.A., Inc., Englewood Cliffs, NJ. All rights reserved. "LG" is a registered trademark of LG Corp.

PERFORMANCE DATA

Cooling Capacity Tables

Table 26: LMU187HV Cooling Capacity Table —Mixed Indoor Units.

Connected Indoor Units	Combination Capacity Index	Outdoor Air Temp. (°F DB)	Indoor Air Temp. °F DB / °F WB											
			68 / 57		73 / 61		77 / 64		80 / 67		86 / 72		90 / 75	
			TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
Two (2) Mixed Indoor Units	9 + 9	14	14.90	0.74	15.83	0.77	16.75	0.79	17.42	0.80	18.60	0.82	19.53	0.83
		20	14.89	0.75	15.81	0.78	16.74	0.81	17.41	0.81	18.59	0.83	19.51	0.85
		25	14.88	0.76	15.80	0.79	16.73	0.82	17.39	0.83	18.57	0.84	19.50	0.86
		30	14.87	0.77	15.79	0.80	16.71	0.83	17.38	0.84	18.56	0.85	19.48	0.87
		35	14.86	0.78	15.78	0.81	16.70	0.84	17.37	0.85	18.55	0.87	19.47	0.88
		40	14.84	0.79	15.77	0.82	16.69	0.85	17.35	0.86	18.53	0.88	19.45	0.89
		45	14.83	0.80	15.75	0.83	16.67	0.86	17.34	0.87	18.52	0.89	19.44	0.91
		50	14.82	0.81	15.74	0.84	16.66	0.87	17.33	0.88	18.50	0.90	19.42	0.92
		55	14.81	0.82	15.73	0.85	16.65	0.89	17.31	0.90	18.49	0.91	19.41	0.93
		60	14.80	0.83	15.72	0.87	16.64	0.90	17.30	0.91	18.47	0.92	19.39	0.94
		65	14.79	0.85	15.71	0.88	16.62	0.91	17.29	0.92	18.46	0.94	19.38	0.95
		70	14.78	0.86	15.69	0.89	16.61	0.92	17.27	0.93	18.45	0.95	19.36	0.97
		75	14.42	0.90	15.34	0.93	16.25	0.97	16.91	0.98	18.08	1.00	19.00	1.02
		80	14.06	0.95	14.98	0.98	15.89	1.02	16.55	1.03	17.72	1.05	18.63	1.07
		85	13.71	0.99	14.62	1.03	15.53	1.07	16.19	1.08	17.36	1.10	18.27	1.12
		90	13.36	1.04	14.27	1.08	15.18	1.12	15.83	1.13	16.99	1.15	17.90	1.18
		95	12.98	1.09	13.88	1.13	14.79	1.17	**15.20**	**1.18**	16.59	1.20	17.50	1.23
		100	12.66	1.13	13.57	1.17	14.47	1.22	15.00	1.23	16.28	1.25	17.18	1.28
		105	12.35	1.18	13.25	1.22	14.15	1.27	14.81	1.28	15.96	1.31	16.87	1.33
		110	12.03	1.23	12.93	1.27	13.84	1.32	14.49	1.33	15.65	1.36	16.55	1.38
		115	11.71	1.27	12.62	1.32	13.52	1.37	14.17	1.38	15.33	1.41	16.23	1.44
		118	11.52	1.30	12.43	1.35	13.33	1.40	13.98	1.41	15.14	1.44	16.04	1.47
		122	11.46	1.34	12.36	1.38	13.27	1.44	13.92	1.45	15.08	1.48	15.98	1.51
	9 + 12	14	14.90	0.74	15.83	0.77	16.75	0.79	17.42	0.80	18.60	0.82	19.53	0.83
		20	14.89	0.75	15.81	0.78	16.74	0.81	17.41	0.81	18.59	0.83	19.51	0.85
		25	14.88	0.76	15.80	0.79	16.73	0.82	17.39	0.83	18.57	0.84	19.50	0.86
		30	14.87	0.77	15.79	0.80	16.71	0.83	17.38	0.84	18.56	0.85	19.48	0.87
		35	14.86	0.78	15.78	0.81	16.70	0.84	17.37	0.85	18.55	0.87	19.47	0.88
		40	14.84	0.79	15.77	0.82	16.69	0.85	17.35	0.86	18.53	0.88	19.45	0.89
		45	14.83	0.80	15.75	0.83	16.67	0.86	17.34	0.87	18.52	0.89	19.44	0.91
		50	14.82	0.81	15.74	0.84	16.66	0.87	17.33	0.88	18.50	0.90	19.42	0.92
		55	14.81	0.82	15.73	0.85	16.65	0.89	17.31	0.90	18.49	0.91	19.41	0.93
		60	14.80	0.83	15.72	0.87	16.64	0.90	17.30	0.91	18.47	0.92	19.39	0.94
		65	14.79	0.85	15.71	0.88	16.62	0.91	17.29	0.92	18.46	0.94	19.38	0.95
		70	14.78	0.86	15.69	0.89	16.61	0.92	17.27	0.93	18.45	0.95	19.36	0.97
		75	14.42	0.90	15.34	0.93	16.25	0.97	16.91	0.98	18.08	1.00	19.00	1.02
		80	14.06	0.95	14.98	0.98	15.89	1.02	16.55	1.03	17.72	1.05	18.63	1.07
		85	13.71	0.99	14.62	1.03	15.53	1.07	16.19	1.08	17.36	1.10	18.27	1.12
		90	13.36	1.04	14.27	1.08	15.18	1.12	15.83	1.13	16.99	1.15	17.90	1.18
		95	12.98	1.09	13.88	1.13	14.79	1.17	**15.20**	**1.18**	16.59	1.20	17.50	1.23
		100	12.66	1.13	13.57	1.17	14.47	1.22	15.00	1.23	16.28	1.25	17.18	1.28
		105	12.35	1.18	13.25	1.22	14.15	1.27	14.81	1.28	15.96	1.31	16.87	1.33
		110	12.03	1.23	12.93	1.27	13.84	1.32	14.49	1.33	15.65	1.36	16.55	1.38
		115	11.71	1.27	12.62	1.32	13.52	1.37	14.17	1.38	15.33	1.41	16.23	1.44
		118	11.52	1.30	12.43	1.35	13.33	1.40	13.98	1.41	15.14	1.44	16.04	1.47
		122	11.46	1.34	12.36	1.38	13.27	1.44	13.92	1.45	15.08	1.48	15.98	1.51

TC = Total Capacity (kBtu/h).

PI = Power Input (kW).

Nominal capacity as rated: 0 ft. above sea level with 25 ft. of refrigerant piping.
0 ft. level difference between outdoor and indoor units.

Nominal cooling capacity rating obtained with air entering the indoor unit at 80ºF dry bulb (DB) and 67ºF wet bulb (WB), and outdoor ambient conditions of 95ºF dry bulb (DB) and 75ºF wet bulb (WB).

The shaded table rows indicate reference data. When operating at this temperature, these values can be different if the system is not running consistently.

Due to our policy of continuous product innovation, some specifications may change without notification.
©LG Electronics U.S.A., Inc., Englewood Cliffs, NJ. All rights reserved. "LG" is a registered trademark of LG Corp.

PERFORMANCE DATA

Cooling Capacity Tables

Table 27: LMU187HV Cooling Capacity Table —Mixed Indoor Units (continued).

Connected Indoor Units	Combination Capacity Index	Outdoor Air Temp. (°F DB)	Indoor Air Temp. °F DB / °F WB											
			68 / 57		73 / 61		77 / 64		80 / 67		86 / 72		90 / 75	
			TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
Two (2) Mixed Indoor Units	12 + 12	14	14.90	0.74	15.83	0.77	16.75	0.79	17.42	0.80	18.60	0.82	19.53	0.83
		20	14.89	0.75	15.81	0.78	16.74	0.81	17.41	0.81	18.59	0.83	19.51	0.85
		25	14.88	0.76	15.80	0.79	16.73	0.82	17.39	0.83	18.57	0.84	19.50	0.86
		30	14.87	0.77	15.79	0.80	16.71	0.83	17.38	0.84	18.56	0.85	19.48	0.87
		35	14.86	0.78	15.78	0.81	16.70	0.84	17.37	0.85	18.55	0.87	19.47	0.88
		40	14.84	0.79	15.77	0.82	16.69	0.85	17.35	0.86	18.53	0.88	19.45	0.89
		45	14.83	0.80	15.75	0.83	16.67	0.86	17.34	0.87	18.52	0.89	19.44	0.91
		50	14.82	0.81	15.74	0.84	16.66	0.87	17.33	0.88	18.50	0.90	19.42	0.92
		55	14.81	0.82	15.73	0.85	16.65	0.89	17.31	0.90	18.49	0.91	19.41	0.93
		60	14.80	0.83	15.72	0.87	16.64	0.90	17.30	0.91	18.47	0.92	19.39	0.94
		65	14.79	0.85	15.71	0.88	16.62	0.91	17.29	0.92	18.46	0.94	19.38	0.95
		70	14.78	0.86	15.69	0.89	16.61	0.92	17.27	0.93	18.45	0.95	19.36	0.97
		75	14.42	0.90	15.34	0.93	16.25	0.97	16.91	0.98	18.08	1.00	19.00	1.02
		80	14.06	0.95	14.98	0.98	15.89	1.02	16.55	1.03	17.72	1.05	18.63	1.07
		85	13.71	0.99	14.62	1.03	15.53	1.07	16.19	1.08	17.36	1.10	18.27	1.12
		90	13.36	1.04	14.27	1.08	15.18	1.12	15.83	1.13	16.99	1.15	17.90	1.18
		95	12.98	1.09	13.88	1.13	14.79	1.17	**15.20**	**1.18**	16.59	1.20	17.50	1.23
		100	12.66	1.13	13.57	1.17	14.47	1.22	15.00	1.23	16.28	1.25	17.18	1.28
		105	12.35	1.18	13.25	1.22	14.15	1.27	14.81	1.28	15.96	1.31	16.87	1.33
		110	12.03	1.23	12.93	1.27	13.84	1.32	14.49	1.33	15.65	1.36	16.55	1.38
		115	11.71	1.27	12.62	1.32	13.52	1.37	14.17	1.38	15.33	1.41	16.23	1.44
		118	11.52	1.30	12.43	1.35	13.33	1.40	13.98	1.41	15.14	1.44	16.04	1.47
		122	11.46	1.34	12.36	1.38	13.27	1.44	13.92	1.45	15.08	1.48	15.98	1.51

TC = Total Capacity (kBtu/h).

PI = Power Input (kW).

Nominal capacity as rated: 0 ft. above sea level with 25 ft. of refrigerant piping.
0 ft. level difference between outdoor and indoor units.

Nominal cooling capacity rating obtained with air entering the indoor unit at 80ºF dry bulb (DB) and 67ºF wet bulb (WB), and outdoor ambient conditions of 95ºF dry bulb (DB) and 75ºF wet bulb (WB).

The shaded table rows indicate reference data. When operating at this temperature, these values can be different if the system is not running consistently.

Due to our policy of continuous product innovation, some specifications may change without notification.
©LG Electronics U.S.A., Inc., Englewood Cliffs, NJ. All rights reserved. "LG" is a registered trademark of LG Corp.

Table 28: LMU247HV Cooling Capacity Table — Non-Ducted Indoor Units.

Connected Indoor Units	Combination Capacity Index	Outdoor Air Temp. (°F DB)	Indoor Air Temp. °F DB / °F WB											
			68 / 57		73 / 61		77 / 64		80 / 67		86 / 72		90 / 75	
			TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
Two (2) Non-Ducted Indoor Units	9 + 9	14	16.67	0.84	17.70	0.88	18.74	0.91	19.48	0.92	20.80	0.93	21.84	0.95
		20	16.65	0.86	17.69	0.89	18.72	0.92	19.47	0.93	20.79	0.95	21.82	0.97
		25	16.64	0.87	17.67	0.90	18.71	0.93	19.45	0.94	20.77	0.96	21.81	0.98
		30	16.63	0.88	17.66	0.91	18.69	0.95	19.44	0.96	20.76	0.97	21.79	0.99
		35	16.61	0.89	17.65	0.93	18.68	0.96	19.42	0.97	20.74	0.99	21.77	1.01
		40	16.60	0.90	17.63	0.94	18.66	0.97	19.41	0.98	20.73	1.00	21.76	1.02
		45	16.59	0.92	17.62	0.95	18.65	0.99	19.39	1.00	20.71	1.02	21.74	1.04
		50	16.58	0.93	17.61	0.96	18.63	1.00	19.38	1.01	20.69	1.03	21.72	1.05
		55	16.56	0.94	17.59	0.98	18.62	1.01	19.36	1.02	20.68	1.04	21.71	1.06
		60	16.55	0.95	17.58	0.99	18.61	1.02	19.35	1.04	20.66	1.06	21.69	1.08
		65	16.54	0.97	17.57	1.00	18.59	1.04	19.33	1.05	20.65	1.07	21.67	1.09
		70	16.53	0.98	17.55	1.01	18.58	1.05	19.32	1.06	20.63	1.08	21.66	1.10
		75	16.13	1.03	17.15	1.07	18.18	1.11	18.91	1.12	20.22	1.14	21.25	1.16
		80	15.73	1.08	16.75	1.12	17.77	1.16	18.51	1.18	19.81	1.20	20.84	1.22
		85	15.34	1.14	16.35	1.18	17.37	1.22	18.11	1.23	19.41	1.26	20.43	1.28
		90	14.94	1.19	15.96	1.23	16.97	1.28	17.71	1.29	19.01	1.32	20.02	1.34
		95	14.51	1.24	15.52	1.29	16.54	1.33	**17.00**	**1.35**	18.56	1.37	19.57	1.40
		100	14.16	1.29	15.17	1.34	16.18	1.39	16.78	1.41	18.20	1.43	19.22	1.46
		105	13.81	1.35	14.82	1.40	15.83	1.45	16.56	1.46	17.85	1.49	18.86	1.52
		110	13.45	1.40	14.46	1.45	15.48	1.50	16.21	1.52	17.50	1.55	18.51	1.58
		115	13.10	1.45	14.11	1.51	15.12	1.56	15.85	1.58	17.14	1.61	18.16	1.64
		118	12.89	1.48	13.90	1.54	14.91	1.59	15.64	1.61	16.93	1.64	17.94	1.68
		122	12.82	1.53	13.83	1.58	14.84	1.64	15.57	1.66	16.86	1.69	17.87	1.72
	9 + 12	14	17.35	0.87	18.43	0.90	19.51	0.93	20.28	0.94	21.66	0.96	22.74	0.98
		20	17.34	0.88	18.41	0.91	19.49	0.94	20.27	0.95	21.65	0.97	22.72	0.99
		25	17.32	0.89	18.40	0.92	19.48	0.96	20.25	0.97	21.63	0.99	22.70	1.01
		30	17.31	0.90	18.39	0.94	19.46	0.97	20.24	0.98	21.61	1.00	22.69	1.02
		35	17.30	0.92	18.37	0.95	19.45	0.98	20.22	0.99	21.60	1.01	22.67	1.03
		40	17.29	0.93	18.36	0.96	19.43	1.00	20.21	1.01	21.58	1.03	22.65	1.05
		45	17.27	0.94	18.34	0.97	19.42	1.01	20.19	1.02	21.56	1.04	22.64	1.06
		50	17.26	0.95	18.33	0.99	19.40	1.02	20.18	1.04	21.55	1.05	22.62	1.08
		55	17.25	0.96	18.32	1.00	19.39	1.04	20.16	1.05	21.53	1.07	22.60	1.09
		60	17.23	0.98	18.30	1.01	19.37	1.05	20.15	1.06	21.51	1.08	22.58	1.10
		65	17.22	0.99	18.29	1.03	19.36	1.06	20.13	1.08	21.50	1.10	22.57	1.12
		70	17.21	1.00	18.27	1.04	19.34	1.08	20.11	1.09	21.48	1.11	22.55	1.13
		75	16.79	1.06	17.86	1.09	18.92	1.13	19.69	1.15	21.06	1.17	22.12	1.19
		80	16.38	1.11	17.44	1.15	18.50	1.19	19.27	1.21	20.63	1.23	21.69	1.25
		85	15.97	1.16	17.03	1.21	18.09	1.25	18.85	1.27	20.21	1.29	21.27	1.32
		90	15.56	1.22	16.61	1.26	17.67	1.31	18.44	1.32	19.79	1.35	20.85	1.38
		95	15.11	1.27	16.16	1.32	17.22	1.37	**17.70**	**1.38**	19.32	1.41	20.38	1.44
		100	14.74	1.33	15.80	1.38	16.85	1.43	17.47	1.44	18.95	1.47	20.01	1.50
		105	14.38	1.38	15.43	1.43	16.48	1.48	17.24	1.50	18.59	1.53	19.64	1.56
		110	14.01	1.43	15.06	1.49	16.11	1.54	16.87	1.56	18.22	1.59	19.27	1.62
		115	13.64	1.49	14.69	1.54	15.75	1.60	16.51	1.62	17.85	1.65	18.90	1.68
		118	13.42	1.52	14.47	1.58	15.52	1.63	16.28	1.65	17.63	1.68	18.68	1.72
		122	13.35	1.56	14.40	1.62	15.45	1.68	16.21	1.70	17.56	1.73	18.61	1.77

TC = Total Capacity (kBtu/h).

PI = Power Input (kW).

Nominal capacity as rated: 0 ft. above sea level with 25 ft. of refrigerant piping.
0 ft. level difference between outdoor and indoor units.

Nominal cooling capacity rating obtained with air entering the indoor unit at 80°F dry bulb (DB) and 67°F wet bulb (WB), and outdoor ambient conditions of 95°F dry bulb (DB) and 75°F wet bulb (WB).

The shaded table rows indicate reference data. When operating at this temperature, these values can be different if the system is not running consistently.

Due to our policy of continuous product innovation, some specifications may change without notification.
©LG Electronics U.S.A., Inc., Englewood Cliffs, NJ. All rights reserved. "LG" is a registered trademark of LG Corp.

PERFORMANCE DATA

Cooling Capacity Tables

Table 29: LMU247HV Cooling Capacity Table — Non-Ducted Indoor Units (continued).

Connected Indoor Units	Combination Capacity Index	Outdoor Air Temp. (°F DB)	Indoor Air Temp. °F DB / °F WB											
			68 / 57		73 / 61		77 / 64		80 / 67		86 / 72		90 / 75	
			TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
Two (2) Non-Ducted Indoor Units	12 + 12	14	18.82	0.92	19.99	0.95	21.16	0.99	22.00	1.00	23.50	1.02	24.67	1.04
		20	18.81	0.93	19.98	0.97	21.14	1.00	21.99	1.01	23.48	1.03	24.65	1.05
		25	18.79	0.95	19.96	0.98	21.13	1.02	21.97	1.03	23.46	1.05	24.63	1.07
		30	18.78	0.96	19.94	0.99	21.11	1.03	21.95	1.04	23.44	1.06	24.61	1.08
		35	18.76	0.97	19.93	1.01	21.09	1.04	21.94	1.06	23.43	1.08	24.59	1.10
		40	18.75	0.99	19.91	1.02	21.08	1.06	21.92	1.07	23.41	1.09	24.57	1.11
		45	18.74	1.00	19.90	1.04	21.06	1.07	21.90	1.09	23.39	1.11	24.55	1.13
		50	18.72	1.01	19.88	1.05	21.05	1.09	21.89	1.10	23.37	1.12	24.53	1.14
		55	18.71	1.02	19.87	1.06	21.03	1.10	21.87	1.11	23.35	1.13	24.52	1.16
		60	18.69	1.04	19.85	1.08	21.01	1.12	21.85	1.13	23.34	1.15	24.50	1.17
		65	18.68	1.05	19.84	1.09	21.00	1.13	21.84	1.14	23.32	1.16	24.48	1.19
		70	18.66	1.06	19.82	1.10	20.98	1.14	21.82	1.16	23.30	1.18	24.46	1.20
		75	18.21	1.12	19.37	1.16	20.53	1.21	21.36	1.22	22.84	1.24	24.00	1.27
		80	17.77	1.18	18.92	1.22	20.07	1.27	20.91	1.28	22.38	1.31	23.53	1.33
		85	17.32	1.24	18.47	1.28	19.62	1.33	20.45	1.34	21.92	1.37	23.07	1.40
		90	16.88	1.29	18.02	1.34	19.17	1.39	20.00	1.41	21.47	1.43	22.61	1.46
		95	16.39	1.35	17.53	1.40	18.68	1.45	**19.20**	**1.47**	20.96	1.50	22.10	1.53
		100	15.99	1.41	17.13	1.46	18.28	1.51	18.95	1.53	20.56	1.56	21.70	1.59
		105	15.59	1.47	16.74	1.52	17.88	1.58	18.70	1.59	20.16	1.62	21.30	1.66
		110	15.19	1.52	16.34	1.58	17.48	1.64	18.30	1.66	19.76	1.69	20.90	1.72
		115	14.80	1.58	15.94	1.64	17.08	1.70	17.90	1.72	19.36	1.75	20.51	1.79
		118	14.56	1.62	15.70	1.67	16.84	1.74	17.66	1.76	19.12	1.79	20.27	1.82
		122	14.48	1.66	15.62	1.72	16.76	1.79	17.58	1.81	19.04	1.84	20.19	1.88
	9 + 18	14	18.82	0.92	19.99	0.95	21.16	0.99	22.00	1.00	23.50	1.02	24.67	1.04
		20	18.81	0.93	19.98	0.97	21.14	1.00	21.99	1.01	23.48	1.03	24.65	1.05
		25	18.79	0.95	19.96	0.98	21.13	1.02	21.97	1.03	23.46	1.05	24.63	1.07
		30	18.78	0.96	19.94	0.99	21.11	1.03	21.95	1.04	23.44	1.06	24.61	1.08
		35	18.76	0.97	19.93	1.01	21.09	1.04	21.94	1.06	23.43	1.08	24.59	1.10
		40	18.75	0.99	19.91	1.02	21.08	1.06	21.92	1.07	23.41	1.09	24.57	1.11
		45	18.74	1.00	19.90	1.04	21.06	1.07	21.90	1.09	23.39	1.11	24.55	1.13
		50	18.72	1.01	19.88	1.05	21.05	1.09	21.89	1.10	23.37	1.12	24.53	1.14
		55	18.71	1.02	19.87	1.06	21.03	1.10	21.87	1.11	23.35	1.13	24.52	1.16
		60	18.69	1.04	19.85	1.08	21.01	1.12	21.85	1.13	23.34	1.15	24.50	1.17
		65	18.68	1.05	19.84	1.09	21.00	1.13	21.84	1.14	23.32	1.16	24.48	1.19
		70	18.66	1.06	19.82	1.10	20.98	1.14	21.82	1.16	23.30	1.18	24.46	1.20
		75	18.21	1.12	19.37	1.16	20.53	1.21	21.36	1.22	22.84	1.24	24.00	1.27
		80	17.77	1.18	18.92	1.22	20.07	1.27	20.91	1.28	22.38	1.31	23.53	1.33
		85	17.32	1.24	18.47	1.28	19.62	1.33	20.45	1.34	21.92	1.37	23.07	1.40
		90	16.88	1.29	18.02	1.34	19.17	1.39	20.00	1.41	21.47	1.43	22.61	1.46
		95	16.39	1.35	17.53	1.40	18.68	1.45	**19.20**	**1.47**	20.96	1.50	22.10	1.53
		100	15.99	1.41	17.13	1.46	18.28	1.51	18.95	1.53	20.56	1.56	21.70	1.59
		105	15.59	1.47	16.74	1.52	17.88	1.58	18.70	1.59	20.16	1.62	21.30	1.66
		110	15.19	1.52	16.34	1.58	17.48	1.64	18.30	1.66	19.76	1.69	20.90	1.72
		115	14.80	1.58	15.94	1.64	17.08	1.70	17.90	1.72	19.36	1.75	20.51	1.79
		118	14.56	1.62	15.70	1.67	16.84	1.74	17.66	1.76	19.12	1.79	20.27	1.82
		122	14.48	1.66	15.62	1.72	16.76	1.79	17.58	1.81	19.04	1.84	20.19	1.88

TC = Total Capacity (kBtu/h).

PI = Power Input (kW).

Nominal capacity as rated: 0 ft. above sea level with 25 ft. of refrigerant piping.
0 ft. level difference between outdoor and indoor units.

Nominal cooling capacity rating obtained with air entering the indoor unit at 80ºF dry bulb (DB) and 67ºF wet bulb (WB), and outdoor ambient conditions of 95ºF dry bulb (DB) and 75ºF wet bulb (WB).

The shaded table rows indicate reference data. When operating at this temperature, these values can be different if the system is not running consistently.

Due to our policy of continuous product innovation, some specifications may change without notification.
©LG Electronics U.S.A., Inc., Englewood Cliffs, NJ. All rights reserved. "LG" is a registered trademark of LG Corp.

Table 30: LMU247HV Cooling Capacity Table — Non-Ducted Indoor Units (continued).

Connected Indoor Units	Combination Capacity Index	Outdoor Air Temp. (°F DB)	Indoor Air Temp. °F DB / °F WB											
			68 / 57		73 / 61		77 / 64		80 / 67		86 / 72		90 / 75	
			TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
Two (2) Non-Ducted Indoor Units	12 + 18	14	18.82	0.92	19.99	0.95	21.16	0.99	22.00	1.00	23.50	1.02	24.67	1.04
		20	18.81	0.93	19.98	0.97	21.14	1.00	21.99	1.01	23.48	1.03	24.65	1.05
		25	18.79	0.95	19.96	0.98	21.13	1.02	21.97	1.03	23.46	1.05	24.63	1.07
		30	18.78	0.96	19.94	0.99	21.11	1.03	21.95	1.04	23.44	1.06	24.61	1.08
		35	18.76	0.97	19.93	1.01	21.09	1.04	21.94	1.06	23.43	1.08	24.59	1.10
		40	18.75	0.99	19.91	1.02	21.08	1.06	21.92	1.07	23.41	1.09	24.57	1.11
		45	18.74	1.00	19.90	1.04	21.06	1.07	21.90	1.09	23.39	1.11	24.55	1.13
		50	18.72	1.01	19.88	1.05	21.05	1.09	21.89	1.10	23.37	1.12	24.53	1.14
		55	18.71	1.02	19.87	1.06	21.03	1.10	21.87	1.11	23.35	1.13	24.52	1.16
		60	18.69	1.04	19.85	1.08	21.01	1.12	21.85	1.13	23.34	1.15	24.50	1.17
		65	18.68	1.05	19.84	1.09	21.00	1.13	21.84	1.14	23.32	1.16	24.48	1.19
		70	18.66	1.06	19.82	1.10	20.98	1.14	21.82	1.16	23.30	1.18	24.46	1.20
		75	18.21	1.12	19.37	1.16	20.53	1.21	21.36	1.22	22.84	1.24	24.00	1.27
		80	17.77	1.18	18.92	1.22	20.07	1.27	20.91	1.28	22.38	1.31	23.53	1.33
		85	17.32	1.24	18.47	1.28	19.62	1.33	20.45	1.34	21.92	1.37	23.07	1.40
		90	16.88	1.29	18.02	1.34	19.17	1.39	20.00	1.41	21.47	1.43	22.61	1.46
		95	16.39	1.35	17.53	1.40	18.68	1.45	**19.20**	**1.47**	20.96	1.50	22.10	1.53
		100	15.99	1.41	17.13	1.46	18.28	1.51	18.95	1.53	20.56	1.56	21.70	1.59
		105	15.59	1.47	16.74	1.52	17.88	1.58	18.70	1.59	20.16	1.62	21.30	1.66
		110	15.19	1.52	16.34	1.58	17.48	1.64	18.30	1.66	19.76	1.69	20.90	1.72
		115	14.80	1.58	15.94	1.64	17.08	1.70	17.90	1.72	19.36	1.75	20.51	1.79
		118	14.56	1.62	15.70	1.67	16.84	1.74	17.66	1.76	19.12	1.79	20.27	1.82
		122	14.48	1.66	15.62	1.72	16.76	1.79	17.58	1.81	19.04	1.84	20.19	1.88
Three (3) Non-Ducted Indoor Units	9 + 9 + 9	14	18.82	0.90	19.99	0.93	21.16	0.96	22.00	0.97	23.50	0.99	24.67	1.01
		20	18.81	0.91	19.98	0.94	21.14	0.98	21.99	0.99	23.48	1.01	24.65	1.03
		25	18.79	0.92	19.96	0.95	21.13	0.99	21.97	1.00	23.46	1.02	24.63	1.04
		30	18.78	0.93	19.94	0.97	21.11	1.00	21.95	1.02	23.44	1.03	24.61	1.05
		35	18.76	0.95	19.93	0.98	21.09	1.02	21.94	1.03	23.43	1.05	24.59	1.07
		40	18.75	0.96	19.91	0.99	21.08	1.03	21.92	1.04	23.41	1.06	24.57	1.08
		45	18.74	0.97	19.90	1.01	21.06	1.05	21.90	1.06	23.39	1.08	24.55	1.10
		50	18.72	0.99	19.88	1.02	21.05	1.06	21.89	1.07	23.37	1.09	24.53	1.11
		55	18.71	1.00	19.87	1.03	21.03	1.07	21.87	1.09	23.35	1.11	24.52	1.13
		60	18.69	1.01	19.85	1.05	21.01	1.09	21.85	1.10	23.34	1.12	24.50	1.14
		65	18.68	1.02	19.84	1.06	21.00	1.10	21.84	1.11	23.32	1.13	24.48	1.16
		70	18.66	1.04	19.82	1.07	20.98	1.11	21.82	1.13	23.30	1.15	24.46	1.17
		75	18.21	1.09	19.37	1.13	20.53	1.17	21.36	1.19	22.84	1.21	24.00	1.23
		80	17.77	1.15	18.92	1.19	20.07	1.23	20.91	1.25	22.38	1.27	23.53	1.30
		85	17.32	1.20	18.47	1.25	19.62	1.29	20.45	1.31	21.92	1.33	23.07	1.36
		90	16.88	1.26	18.02	1.31	19.17	1.35	20.00	1.37	21.47	1.40	22.61	1.42
		95	16.39	1.32	17.53	1.36	18.68	1.41	**19.20**	**1.43**	20.96	1.46	22.10	1.49
		100	15.99	1.37	17.13	1.42	18.28	1.47	18.95	1.49	20.56	1.52	21.70	1.55
		105	15.59	1.43	16.74	1.48	17.88	1.53	18.70	1.55	20.16	1.58	21.30	1.61
		110	15.19	1.48	16.34	1.54	17.48	1.60	18.30	1.61	19.76	1.64	20.90	1.68
		115	14.80	1.54	15.94	1.60	17.08	1.66	17.90	1.67	19.36	1.71	20.51	1.74
		118	14.56	1.57	15.70	1.63	16.84	1.69	17.66	1.71	19.12	1.74	20.27	1.78
		122	14.48	1.62	15.62	1.68	16.76	1.74	17.58	1.76	19.04	1.79	20.19	1.83

TC = Total Capacity (kBtu/h).

PI = Power Input (kW).

Nominal capacity as rated: 0 ft. above sea level with 25 ft. of refrigerant piping.
0 ft. level difference between outdoor and indoor units.

Nominal cooling capacity rating obtained with air entering the indoor unit at 80°F dry bulb (DB) and 67°F wet bulb (WB), and outdoor ambient conditions of 95°F dry bulb (DB) and 75°F wet bulb (WB).

The shaded table rows indicate reference data. When operating at this temperature, these values can be different if the system is not running consistently.

Due to our policy of continuous product innovation, some specifications may change without notification.
©LG Electronics U.S.A., Inc., Englewood Cliffs, NJ. All rights reserved. "LG" is a registered trademark of LG Corp.

PERFORMANCE DATA

Cooling Capacity Tables

Table 31: LMU247HV Cooling Capacity Table — Non-Ducted Indoor Units (continued).

Connected Indoor Units	Combination Capacity Index	Outdoor Air Temp. (°F DB)	Indoor Air Temp. °F DB / °F WB											
			68 / 57		73 / 61		77 / 64		80 / 67		86 / 72		90 / 75	
			TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
Three (3) Non-Ducted Indoor Units	9 + 9 + 12	14	18.82	0.90	19.99	0.93	21.16	0.96	22.00	0.97	23.50	0.99	24.67	1.01
		20	18.81	0.91	19.98	0.94	21.14	0.98	21.99	0.99	23.48	1.01	24.65	1.03
		25	18.79	0.92	19.96	0.95	21.13	0.99	21.97	1.00	23.46	1.02	24.63	1.04
		30	18.78	0.93	19.94	0.97	21.11	1.00	21.95	1.02	23.44	1.03	24.61	1.05
		35	18.76	0.95	19.93	0.98	21.09	1.02	21.94	1.03	23.43	1.05	24.59	1.07
		40	18.75	0.96	19.91	0.99	21.08	1.03	21.92	1.04	23.41	1.06	24.57	1.08
		45	18.74	0.97	19.90	1.01	21.06	1.05	21.90	1.06	23.39	1.08	24.55	1.10
		50	18.72	0.99	19.88	1.02	21.05	1.06	21.89	1.07	23.37	1.09	24.53	1.11
		55	18.71	1.00	19.87	1.03	21.03	1.07	21.87	1.09	23.35	1.11	24.52	1.13
		60	18.69	1.01	19.85	1.05	21.01	1.09	21.85	1.10	23.34	1.12	24.50	1.14
		65	18.68	1.02	19.84	1.06	21.00	1.10	21.84	1.11	23.32	1.13	24.48	1.16
		70	18.66	1.04	19.82	1.07	20.98	1.11	21.82	1.13	23.30	1.15	24.46	1.17
		75	18.21	1.09	19.37	1.13	20.53	1.17	21.36	1.19	22.84	1.21	24.00	1.23
		80	17.77	1.15	18.92	1.19	20.07	1.23	20.91	1.25	22.38	1.27	23.53	1.30
		85	17.32	1.20	18.47	1.25	19.62	1.29	20.45	1.31	21.92	1.33	23.07	1.36
		90	16.88	1.26	18.02	1.31	19.17	1.35	20.00	1.37	21.47	1.40	22.61	1.42
		95	16.39	1.32	17.53	1.36	18.68	1.41	**19.20**	**1.43**	20.96	1.46	22.10	1.49
		100	15.99	1.37	17.13	1.42	18.28	1.47	18.95	1.49	20.56	1.52	21.70	1.55
		105	15.59	1.43	16.74	1.48	17.88	1.53	18.70	1.55	20.16	1.58	21.30	1.61
		110	15.19	1.48	16.34	1.54	17.48	1.60	18.30	1.61	19.76	1.64	20.90	1.68
		115	14.80	1.54	15.94	1.60	17.08	1.66	17.90	1.67	19.36	1.71	20.51	1.74
		118	14.56	1.57	15.70	1.63	16.84	1.69	17.66	1.71	19.12	1.74	20.27	1.78
		122	14.48	1.62	15.62	1.68	16.76	1.74	17.58	1.76	19.04	1.79	20.19	1.83
	9 + 12 + 12	14	18.82	0.90	19.99	0.93	21.16	0.96	22.00	0.97	23.50	0.99	24.67	1.01
		20	18.81	0.91	19.98	0.94	21.14	0.98	21.99	0.99	23.48	1.01	24.65	1.03
		25	18.79	0.92	19.96	0.95	21.13	0.99	21.97	1.00	23.46	1.02	24.63	1.04
		30	18.78	0.93	19.94	0.97	21.11	1.00	21.95	1.02	23.44	1.03	24.61	1.05
		35	18.76	0.95	19.93	0.98	21.09	1.02	21.94	1.03	23.43	1.05	24.59	1.07
		40	18.75	0.96	19.91	0.99	21.08	1.03	21.92	1.04	23.41	1.06	24.57	1.08
		45	18.74	0.97	19.90	1.01	21.06	1.05	21.90	1.06	23.39	1.08	24.55	1.10
		50	18.72	0.99	19.88	1.02	21.05	1.06	21.89	1.07	23.37	1.09	24.53	1.11
		55	18.71	1.00	19.87	1.03	21.03	1.07	21.87	1.09	23.35	1.11	24.52	1.13
		60	18.69	1.01	19.85	1.05	21.01	1.09	21.85	1.10	23.34	1.12	24.50	1.14
		65	18.68	1.02	19.84	1.06	21.00	1.10	21.84	1.11	23.32	1.13	24.48	1.16
		70	18.66	1.04	19.82	1.07	20.98	1.11	21.82	1.13	23.30	1.15	24.46	1.17
		75	18.21	1.09	19.37	1.13	20.53	1.17	21.36	1.19	22.84	1.21	24.00	1.23
		80	17.77	1.15	18.92	1.19	20.07	1.23	20.91	1.25	22.38	1.27	23.53	1.30
		85	17.32	1.20	18.47	1.25	19.62	1.29	20.45	1.31	21.92	1.33	23.07	1.36
		90	16.88	1.26	18.02	1.31	19.17	1.35	20.00	1.37	21.47	1.40	22.61	1.42
		95	16.39	1.32	17.53	1.36	18.68	1.41	**19.20**	**1.43**	20.96	1.46	22.10	1.49
		100	15.99	1.37	17.13	1.42	18.28	1.47	18.95	1.49	20.56	1.52	21.70	1.55
		105	15.59	1.43	16.74	1.48	17.88	1.53	18.70	1.55	20.16	1.58	21.30	1.61
		110	15.19	1.48	16.34	1.54	17.48	1.60	18.30	1.61	19.76	1.64	20.90	1.68
		115	14.80	1.54	15.94	1.60	17.08	1.66	17.90	1.67	19.36	1.71	20.51	1.74
		118	14.56	1.57	15.70	1.63	16.84	1.69	17.66	1.71	19.12	1.74	20.27	1.78
		122	14.48	1.62	15.62	1.68	16.76	1.74	17.58	1.76	19.04	1.79	20.19	1.83

TC = Total Capacity (kBtu/h).

PI = Power Input (kW).

Nominal capacity as rated: 0 ft. above sea level with 25 ft. of refrigerant piping.
0 ft. level difference between outdoor and indoor units.

Nominal cooling capacity rating obtained with air entering the indoor unit at 80°F dry bulb (DB) and 67°F wet bulb (WB), and outdoor ambient conditions of 95°F dry bulb (DB) and 75°F wet bulb (WB).

The shaded table rows indicate reference data. When operating at this temperature, these values can be different if the system is not running consistently.

Due to our policy of continuous product innovation, some specifications may change without notification.
©LG Electronics U.S.A., Inc., Englewood Cliffs, NJ. All rights reserved. "LG" is a registered trademark of LG Corp.

PERFORMANCE DATA

Cooling Capacity Tables

Table 32: LMU247HV Cooling Capacity Table — Ducted Indoor Units.

Connected Indoor Units	Combination Capacity Index	Outdoor Air Temp. (°F DB)	Indoor Air Temp. °F DB / °F WB											
			68 / 57		73 / 61		77 / 64		80 / 67		86 / 72		90 / 75	
			TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
Two (2) Ducted Indoor Units	9 + 9	14	16.27	0.94	17.28	0.97	18.29	1.01	19.02	1.02	20.32	1.04	21.33	1.06
		20	16.26	0.95	17.27	0.98	18.28	1.02	19.01	1.03	20.30	1.05	21.31	1.07
		25	16.25	0.96	17.26	1.00	18.27	1.03	19.00	1.05	20.28	1.07	21.29	1.09
		30	16.24	0.98	17.24	1.01	18.25	1.05	18.98	1.06	20.27	1.08	21.28	1.10
		35	16.22	0.99	17.23	1.03	18.24	1.06	18.97	1.08	20.25	1.10	21.26	1.12
		40	16.21	1.00	17.22	1.04	18.22	1.08	18.95	1.09	20.24	1.11	21.24	1.13
		45	16.20	1.02	17.20	1.05	18.21	1.09	18.94	1.10	20.22	1.13	21.23	1.15
		50	16.19	1.03	17.19	1.07	18.20	1.11	18.92	1.12	20.21	1.14	21.21	1.16
		55	16.17	1.04	17.18	1.08	18.18	1.12	18.91	1.13	20.19	1.15	21.20	1.18
		60	16.16	1.06	17.16	1.10	18.17	1.14	18.89	1.15	20.18	1.17	21.18	1.19
		65	16.15	1.07	17.15	1.11	18.15	1.15	18.88	1.16	20.16	1.18	21.16	1.21
		70	16.14	1.08	17.14	1.12	18.14	1.16	18.86	1.18	20.14	1.20	21.15	1.22
		75	15.75	1.14	16.75	1.18	17.75	1.23	18.47	1.24	19.75	1.26	20.75	1.29
		80	15.36	1.20	16.36	1.24	17.35	1.29	18.07	1.30	19.35	1.33	20.35	1.36
		85	14.97	1.26	15.97	1.30	16.96	1.35	17.68	1.37	18.95	1.39	19.95	1.42
		90	14.59	1.32	15.58	1.37	16.57	1.42	17.29	1.43	18.56	1.46	19.55	1.49
		95	14.17	1.38	15.16	1.43	16.15	1.48	**16.60**	**1.50**	18.12	1.52	19.11	1.55
		100	13.83	1.43	14.81	1.49	15.80	1.54	16.38	1.56	17.78	1.59	18.76	1.62
		105	13.48	1.49	14.47	1.55	15.46	1.60	16.17	1.62	17.43	1.65	18.42	1.69
		110	13.14	1.55	14.12	1.61	15.11	1.67	15.82	1.69	17.09	1.72	18.07	1.75
		115	12.79	1.61	13.78	1.67	14.77	1.73	15.48	1.75	16.74	1.78	17.73	1.82
		118	12.58	1.64	13.57	1.70	14.56	1.77	15.27	1.79	16.53	1.82	17.52	1.86
		122	12.52	1.69	13.50	1.75	14.49	1.82	15.20	1.84	16.47	1.87	17.45	1.91
	9 + 12	14	16.67	0.94	17.70	0.98	18.74	1.01	19.48	1.02	20.80	1.04	21.84	1.06
		20	16.65	0.95	17.69	0.99	18.72	1.03	19.47	1.04	20.79	1.06	21.82	1.08
		25	16.64	0.97	17.67	1.00	18.71	1.04	19.45	1.05	20.77	1.07	21.81	1.09
		30	16.63	0.98	17.66	1.02	18.69	1.05	19.44	1.07	20.76	1.09	21.79	1.11
		35	16.61	1.00	17.65	1.03	18.68	1.07	19.42	1.08	20.74	1.10	21.77	1.12
		40	16.60	1.01	17.63	1.05	18.66	1.08	19.41	1.10	20.73	1.12	21.76	1.14
		45	16.59	1.02	17.62	1.06	18.65	1.10	19.39	1.11	20.71	1.13	21.74	1.15
		50	16.58	1.04	17.61	1.07	18.63	1.11	19.38	1.13	20.69	1.15	21.72	1.17
		55	16.56	1.05	17.59	1.09	18.62	1.13	19.36	1.14	20.68	1.16	21.71	1.19
		60	16.55	1.06	17.58	1.10	18.61	1.14	19.35	1.16	20.66	1.18	21.69	1.20
		65	16.54	1.08	17.57	1.12	18.59	1.16	19.33	1.17	20.65	1.19	21.67	1.22
		70	16.53	1.09	17.55	1.13	18.58	1.17	19.32	1.18	20.63	1.21	21.66	1.23
		75	16.13	1.15	17.15	1.19	18.18	1.23	18.91	1.25	20.22	1.27	21.25	1.30
		80	15.73	1.21	16.75	1.25	17.77	1.30	18.51	1.31	19.81	1.34	20.84	1.36
		85	15.34	1.27	16.35	1.31	17.37	1.36	18.11	1.38	19.41	1.40	20.43	1.43
		90	14.94	1.33	15.96	1.37	16.97	1.42	17.71	1.44	19.01	1.47	20.02	1.50
		95	14.51	1.38	15.52	1.43	16.54	1.49	**17.00**	**1.50**	18.56	1.53	19.57	1.56
		100	14.16	1.44	15.17	1.50	16.18	1.55	16.78	1.57	18.20	1.60	19.22	1.63
		105	13.81	1.50	14.82	1.56	15.83	1.61	16.56	1.63	17.85	1.66	18.86	1.70
		110	13.45	1.56	14.46	1.62	15.48	1.68	16.21	1.70	17.50	1.73	18.51	1.76
		115	13.10	1.62	14.11	1.68	15.12	1.74	15.85	1.76	17.14	1.79	18.16	1.83
		118	12.89	1.65	13.90	1.71	14.91	1.78	15.64	1.80	16.93	1.83	17.94	1.87
		122	12.82	1.70	13.83	1.76	14.84	1.83	15.57	1.85	16.86	1.88	17.87	1.92

TC = Total Capacity (kBtu/h).

PI = Power Input (kW).

Nominal capacity as rated: 0 ft. above sea level with 25 ft. of refrigerant piping.
0 ft. level difference between outdoor and indoor units.

Nominal cooling capacity rating obtained with air entering the indoor unit at 80ºF dry bulb (DB) and 67ºF wet bulb (WB), and outdoor ambient conditions of 95ºF dry bulb (DB) and 75ºF wet bulb (WB).

The shaded table rows indicate reference data. When operating at this temperature, these values can be different if the system is not running consistently.

Due to our policy of continuous product innovation, some specifications may change without notification.
©LG Electronics U.S.A., Inc., Englewood Cliffs, NJ. All rights reserved. "LG" is a registered trademark of LG Corp.

PERFORMANCE DATA

Cooling Capacity Tables

Table 33: LMU247HV Cooling Capacity Table — Ducted Indoor Units (continued).

Connected Indoor Units	Combination Capacity Index	Outdoor Air Temp. (°F DB)	Indoor Air Temp. °F DB / °F WB											
			68 / 57		73 / 61		77 / 64		80 / 67		86 / 72		90 / 75	
			TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
Two (2) Ducted Indoor Units	12 + 12	14	17.65	0.98	18.74	1.02	19.84	1.05	20.63	1.06	22.03	1.08	23.12	1.11
		20	17.63	0.99	18.73	1.03	19.82	1.07	20.61	1.08	22.01	1.10	23.11	1.12
		25	17.62	1.01	18.71	1.04	19.81	1.08	20.60	1.09	22.00	1.12	23.09	1.14
		30	17.60	1.02	18.70	1.06	19.79	1.10	20.58	1.11	21.98	1.13	23.07	1.15
		35	17.59	1.04	18.68	1.07	19.78	1.11	20.57	1.13	21.96	1.15	23.05	1.17
		40	17.58	1.05	18.67	1.09	19.76	1.13	20.55	1.14	21.94	1.16	23.04	1.19
		45	17.56	1.06	18.66	1.10	19.75	1.14	20.53	1.16	21.93	1.18	23.02	1.20
		50	17.55	1.08	18.64	1.12	19.73	1.16	20.52	1.17	21.91	1.19	23.00	1.22
		55	17.54	1.09	18.63	1.13	19.72	1.17	20.50	1.19	21.89	1.21	22.98	1.23
		60	17.52	1.11	18.61	1.15	19.70	1.19	20.49	1.20	21.88	1.22	22.97	1.25
		65	17.51	1.12	18.60	1.16	19.69	1.20	20.47	1.22	21.86	1.24	22.95	1.26
		70	17.50	1.13	18.58	1.18	19.67	1.22	20.46	1.23	21.84	1.26	22.93	1.28
		75	17.08	1.20	18.16	1.24	19.24	1.28	20.03	1.30	21.41	1.32	22.50	1.35
		80	16.66	1.26	17.74	1.30	18.82	1.35	19.60	1.37	20.98	1.39	22.06	1.42
		85	16.24	1.32	17.32	1.37	18.40	1.42	19.17	1.43	20.55	1.46	21.63	1.49
		90	15.82	1.38	16.90	1.43	17.97	1.48	18.75	1.50	20.12	1.53	21.20	1.56
		95	15.37	1.44	16.44	1.49	17.51	1.55	**18.00**	**1.57**	19.65	1.59	20.72	1.63
		100	14.99	1.50	16.06	1.56	17.13	1.61	17.77	1.63	19.28	1.66	20.35	1.70
		105	14.62	1.56	15.69	1.62	16.76	1.68	17.53	1.70	18.90	1.73	19.97	1.76
		110	14.24	1.62	15.32	1.68	16.39	1.74	17.16	1.76	18.53	1.80	19.60	1.83
		115	13.87	1.68	14.94	1.75	16.01	1.81	16.79	1.83	18.15	1.87	19.22	1.90
		118	13.65	1.72	14.72	1.78	15.79	1.85	16.56	1.87	17.93	1.91	19.00	1.94
		122	13.57	1.77	14.64	1.84	15.71	1.90	16.49	1.92	17.85	1.96	18.92	2.00
	9 + 18	14	17.65	0.98	18.74	1.02	19.84	1.05	20.63	1.06	22.03	1.08	23.12	1.11
		20	17.63	0.99	18.73	1.03	19.82	1.07	20.61	1.08	22.01	1.10	23.11	1.12
		25	17.62	1.01	18.71	1.04	19.81	1.08	20.60	1.09	22.00	1.12	23.09	1.14
		30	17.60	1.02	18.70	1.06	19.79	1.10	20.58	1.11	21.98	1.13	23.07	1.15
		35	17.59	1.04	18.68	1.07	19.78	1.11	20.57	1.13	21.96	1.15	23.05	1.17
		40	17.58	1.05	18.67	1.09	19.76	1.13	20.55	1.14	21.94	1.16	23.04	1.19
		45	17.56	1.06	18.66	1.10	19.75	1.14	20.53	1.16	21.93	1.18	23.02	1.20
		50	17.55	1.08	18.64	1.12	19.73	1.16	20.52	1.17	21.91	1.19	23.00	1.22
		55	17.54	1.09	18.63	1.13	19.72	1.17	20.50	1.19	21.89	1.21	22.98	1.23
		60	17.52	1.11	18.61	1.15	19.70	1.19	20.49	1.20	21.88	1.22	22.97	1.25
		65	17.51	1.12	18.60	1.16	19.69	1.20	20.47	1.22	21.86	1.24	22.95	1.26
		70	17.50	1.13	18.58	1.18	19.67	1.22	20.46	1.23	21.84	1.26	22.93	1.28
		75	17.08	1.20	18.16	1.24	19.24	1.28	20.03	1.30	21.41	1.32	22.50	1.35
		80	16.66	1.26	17.74	1.30	18.82	1.35	19.60	1.37	20.98	1.39	22.06	1.42
		85	16.24	1.32	17.32	1.37	18.40	1.42	19.17	1.43	20.55	1.46	21.63	1.49
		90	15.82	1.38	16.90	1.43	17.97	1.48	18.75	1.50	20.12	1.53	21.20	1.56
		95	15.37	1.44	16.44	1.49	17.51	1.55	**18.00**	**1.57**	19.65	1.59	20.72	1.63
		100	14.99	1.50	16.06	1.56	17.13	1.61	17.77	1.63	19.28	1.66	20.35	1.70
		105	14.62	1.56	15.69	1.62	16.76	1.68	17.53	1.70	18.90	1.73	19.97	1.76
		110	14.24	1.62	15.32	1.68	16.39	1.74	17.16	1.76	18.53	1.80	19.60	1.83
		115	13.87	1.68	14.94	1.75	16.01	1.81	16.79	1.83	18.15	1.87	19.22	1.90
		118	13.65	1.72	14.72	1.78	15.79	1.85	16.56	1.87	17.93	1.91	19.00	1.94
		122	13.57	1.77	14.64	1.84	15.71	1.90	16.49	1.92	17.85	1.96	18.92	2.00

TC = Total Capacity (kBtu/h).

PI = Power Input (kW).

Nominal capacity as rated: 0 ft. above sea level with 25 ft. of refrigerant piping.
0 ft. level difference between outdoor and indoor units.

Nominal cooling capacity rating obtained with air entering the indoor unit at 80ºF dry bulb (DB) and 67ºF wet bulb (WB), and outdoor ambient conditions of 95ºF dry bulb (DB) and 75ºF wet bulb (WB).

The shaded table rows indicate reference data. When operating at this temperature, these values can be different if the system is not running consistently.

Due to our policy of continuous product innovation, some specifications may change without notification.
©LG Electronics U.S.A., Inc., Englewood Cliffs, NJ. All rights reserved. "LG" is a registered trademark of LG Corp.

Table 34: LMU247HV Cooling Capacity Table — Ducted Indoor Units (continued).

Connected Indoor Units	Combination Capacity Index	Outdoor Air Temp. (°F DB)	Indoor Air Temp. °F DB / °F WB											
			68 / 57		73 / 61		77 / 64		80 / 67		86 / 72		90 / 75	
			TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
Two (2) Ducted Indoor Units	12 + 18	14	17.65	0.98	18.74	1.02	19.84	1.05	20.63	1.06	22.03	1.08	23.12	1.11
		20	17.63	0.99	18.73	1.03	19.82	1.07	20.61	1.08	22.01	1.10	23.11	1.12
		25	17.62	1.01	18.71	1.04	19.81	1.08	20.60	1.09	22.00	1.12	23.09	1.14
		30	17.60	1.02	18.70	1.06	19.79	1.10	20.58	1.11	21.98	1.13	23.07	1.15
		35	17.59	1.04	18.68	1.07	19.78	1.11	20.57	1.13	21.96	1.15	23.05	1.17
		40	17.58	1.05	18.67	1.09	19.76	1.13	20.55	1.14	21.94	1.16	23.04	1.19
		45	17.56	1.06	18.66	1.10	19.75	1.14	20.53	1.16	21.93	1.18	23.02	1.20
		50	17.55	1.08	18.64	1.12	19.73	1.16	20.52	1.17	21.91	1.19	23.00	1.22
		55	17.54	1.09	18.63	1.13	19.72	1.17	20.50	1.19	21.89	1.21	22.98	1.23
		60	17.52	1.11	18.61	1.15	19.70	1.19	20.49	1.20	21.88	1.22	22.97	1.25
		65	17.51	1.12	18.60	1.16	19.69	1.20	20.47	1.22	21.86	1.24	22.95	1.26
		70	17.50	1.13	18.58	1.18	19.67	1.22	20.46	1.23	21.84	1.26	22.93	1.28
		75	17.08	1.20	18.16	1.24	19.24	1.28	20.03	1.30	21.41	1.32	22.50	1.35
		80	16.66	1.26	17.74	1.30	18.82	1.35	19.60	1.37	20.98	1.39	22.06	1.42
		85	16.24	1.32	17.32	1.37	18.40	1.42	19.17	1.43	20.55	1.46	21.63	1.49
		90	15.82	1.38	16.90	1.43	17.97	1.48	18.75	1.50	20.12	1.53	21.20	1.56
		95	15.37	1.44	16.44	1.49	17.51	1.55	**18.00**	**1.57**	19.65	1.59	20.72	1.63
		100	14.99	1.50	16.06	1.56	17.13	1.61	17.77	1.63	19.28	1.66	20.35	1.70
		105	14.62	1.56	15.69	1.62	16.76	1.68	17.53	1.70	18.90	1.73	19.97	1.76
		110	14.24	1.62	15.32	1.68	16.39	1.74	17.16	1.76	18.53	1.80	19.60	1.83
		115	13.87	1.68	14.94	1.75	16.01	1.81	16.79	1.83	18.15	1.87	19.22	1.90
		118	13.65	1.72	14.72	1.78	15.79	1.85	16.56	1.87	17.93	1.91	19.00	1.94
		122	13.57	1.77	14.64	1.84	15.71	1.90	16.49	1.92	17.85	1.96	18.92	2.00
Three (3) Ducted Indoor Units	9 + 9 + 9	14	17.65	0.95	18.74	0.99	19.84	1.03	20.63	1.04	22.03	1.06	23.12	1.08
		20	17.63	0.97	18.73	1.00	19.82	1.04	20.61	1.05	22.01	1.07	23.11	1.09
		25	17.62	0.98	18.71	1.02	19.81	1.05	20.60	1.07	22.00	1.09	23.09	1.11
		30	17.60	1.00	18.70	1.03	19.79	1.07	20.58	1.08	21.98	1.10	23.07	1.12
		35	17.59	1.01	18.68	1.05	19.78	1.08	20.57	1.10	21.96	1.12	23.05	1.14
		40	17.58	1.02	18.67	1.06	19.76	1.10	20.55	1.11	21.94	1.13	23.04	1.16
		45	17.56	1.04	18.66	1.07	19.75	1.11	20.53	1.13	21.93	1.15	23.02	1.17
		50	17.55	1.05	18.64	1.09	19.73	1.13	20.52	1.14	21.91	1.16	23.00	1.19
		55	17.54	1.06	18.63	1.10	19.72	1.14	20.50	1.16	21.89	1.18	22.98	1.20
		60	17.52	1.08	18.61	1.12	19.70	1.16	20.49	1.17	21.88	1.19	22.97	1.22
		65	17.51	1.09	18.60	1.13	19.69	1.17	20.47	1.19	21.86	1.21	22.95	1.23
		70	17.50	1.11	18.58	1.15	19.67	1.19	20.46	1.20	21.84	1.22	22.93	1.25
		75	17.08	1.16	18.16	1.21	19.24	1.25	20.03	1.27	21.41	1.29	22.50	1.32
		80	16.66	1.22	17.74	1.27	18.82	1.32	19.60	1.33	20.98	1.36	22.06	1.38
		85	16.24	1.28	17.32	1.33	18.40	1.38	19.17	1.40	20.55	1.42	21.63	1.45
		90	15.82	1.34	16.90	1.39	17.97	1.44	18.75	1.46	20.12	1.49	21.20	1.52
		95	15.37	1.40	16.44	1.45	17.51	1.51	**18.00**	**1.53**	19.65	1.55	20.72	1.58
		100	14.99	1.46	16.06	1.52	17.13	1.57	17.77	1.59	19.28	1.62	20.35	1.65
		105	14.62	1.52	15.69	1.58	16.76	1.64	17.53	1.65	18.90	1.69	19.97	1.72
		110	14.24	1.58	15.32	1.64	16.39	1.70	17.16	1.72	18.53	1.75	19.60	1.79
		115	13.87	1.64	14.94	1.70	16.01	1.76	16.79	1.78	18.15	1.82	19.22	1.85
		118	13.65	1.68	14.72	1.74	15.79	1.80	16.56	1.82	17.93	1.86	19.00	1.89
		122	13.57	1.73	14.64	1.79	15.71	1.85	16.49	1.87	17.85	1.91	18.92	1.95

TC = Total Capacity (kBtu/h).

PI = Power Input (kW).

Nominal capacity as rated: 0 ft. above sea level with 25 ft. of refrigerant piping.
0 ft. level difference between outdoor and indoor units.

Nominal cooling capacity rating obtained with air entering the indoor unit at 80°F dry bulb (DB) and 67°F wet bulb (WB), and outdoor ambient conditions of 95°F dry bulb (DB) and 75°F wet bulb (WB).

The shaded table rows indicate reference data. When operating at this temperature, these values can be different if the system is not running consistently.

Due to our policy of continuous product innovation, some specifications may change without notification.
©LG Electronics U.S.A., Inc., Englewood Cliffs, NJ. All rights reserved. "LG" is a registered trademark of LG Corp.

PERFORMANCE DATA

Cooling Capacity Tables

Table 35: LMU247HV Cooling Capacity Table — Ducted Indoor Units (continued).

Connected Indoor Units	Combination Capacity Index	Outdoor Air Temp. (°F DB)	Indoor Air Temp. °F DB / °F WB											
			68 /57		73 / 61		77 / 64		80 / 67		86 / 72		90 / 75	
			TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
Three (3) Ducted Indoor Units	9 + 9 + 12	14	17.65	0.95	18.74	0.99	19.84	1.03	20.63	1.04	22.03	1.06	23.12	1.08
		20	17.63	0.97	18.73	1.00	19.82	1.04	20.61	1.05	22.01	1.07	23.11	1.09
		25	17.62	0.98	18.71	1.02	19.81	1.05	20.60	1.07	22.00	1.09	23.09	1.11
		30	17.60	1.00	18.70	1.03	19.79	1.07	20.58	1.08	21.98	1.10	23.07	1.12
		35	17.59	1.01	18.68	1.05	19.78	1.08	20.57	1.10	21.96	1.12	23.05	1.14
		40	17.58	1.02	18.67	1.06	19.76	1.10	20.55	1.11	21.94	1.13	23.04	1.16
		45	17.56	1.04	18.66	1.07	19.75	1.11	20.53	1.13	21.93	1.15	23.02	1.17
		50	17.55	1.05	18.64	1.09	19.73	1.13	20.52	1.14	21.91	1.16	23.00	1.19
		55	17.54	1.06	18.63	1.10	19.72	1.14	20.50	1.16	21.89	1.18	22.98	1.20
		60	17.52	1.08	18.61	1.12	19.70	1.16	20.49	1.17	21.88	1.19	22.97	1.22
		65	17.51	1.09	18.60	1.13	19.69	1.17	20.47	1.19	21.86	1.21	22.95	1.23
		70	17.50	1.11	18.58	1.15	19.67	1.19	20.46	1.20	21.84	1.22	22.93	1.25
		75	17.08	1.16	18.16	1.21	19.24	1.25	20.03	1.27	21.41	1.29	22.50	1.32
		80	16.66	1.22	17.74	1.27	18.82	1.32	19.60	1.33	20.98	1.36	22.06	1.38
		85	16.24	1.28	17.32	1.33	18.40	1.38	19.17	1.40	20.55	1.42	21.63	1.45
		90	15.82	1.34	16.90	1.39	17.97	1.44	18.75	1.46	20.12	1.49	21.20	1.52
		95	15.37	1.40	16.44	1.45	17.51	1.51	**18.00**	**1.53**	19.65	1.55	20.72	1.58
		100	14.99	1.46	16.06	1.52	17.13	1.57	17.77	1.59	19.28	1.62	20.35	1.65
		105	14.62	1.52	15.69	1.58	16.76	1.64	17.53	1.65	18.90	1.69	19.97	1.72
		110	14.24	1.58	15.32	1.64	16.39	1.70	17.16	1.72	18.53	1.75	19.60	1.79
		115	13.87	1.64	14.94	1.70	16.01	1.76	16.79	1.78	18.15	1.82	19.22	1.85
		118	13.65	1.68	14.72	1.74	15.79	1.80	16.56	1.82	17.93	1.86	19.00	1.89
		122	13.57	1.73	14.64	1.79	15.71	1.85	16.49	1.87	17.85	1.91	18.92	1.95
	9 + 12 + 12	14	17.65	0.95	18.74	0.99	19.84	1.03	20.63	1.04	22.03	1.06	23.12	1.08
		20	17.63	0.97	18.73	1.00	19.82	1.04	20.61	1.05	22.01	1.07	23.11	1.09
		25	17.62	0.98	18.71	1.02	19.81	1.05	20.60	1.07	22.00	1.09	23.09	1.11
		30	17.60	1.00	18.70	1.03	19.79	1.07	20.58	1.08	21.98	1.10	23.07	1.12
		35	17.59	1.01	18.68	1.05	19.78	1.08	20.57	1.10	21.96	1.12	23.05	1.14
		40	17.58	1.02	18.67	1.06	19.76	1.10	20.55	1.11	21.94	1.13	23.04	1.16
		45	17.56	1.04	18.66	1.07	19.75	1.11	20.53	1.13	21.93	1.15	23.02	1.17
		50	17.55	1.05	18.64	1.09	19.73	1.13	20.52	1.14	21.91	1.16	23.00	1.19
		55	17.54	1.06	18.63	1.10	19.72	1.14	20.50	1.16	21.89	1.18	22.98	1.20
		60	17.52	1.08	18.61	1.12	19.70	1.16	20.49	1.17	21.88	1.19	22.97	1.22
		65	17.51	1.09	18.60	1.13	19.69	1.17	20.47	1.19	21.86	1.21	22.95	1.23
		70	17.50	1.11	18.58	1.15	19.67	1.19	20.46	1.20	21.84	1.22	22.93	1.25
		75	17.08	1.16	18.16	1.21	19.24	1.25	20.03	1.27	21.41	1.29	22.50	1.32
		80	16.66	1.22	17.74	1.27	18.82	1.32	19.60	1.33	20.98	1.36	22.06	1.38
		85	16.24	1.28	17.32	1.33	18.40	1.38	19.17	1.40	20.55	1.42	21.63	1.45
		90	15.82	1.34	16.90	1.39	17.97	1.44	18.75	1.46	20.12	1.49	21.20	1.52
		95	15.37	1.40	16.44	1.45	17.51	1.51	**18.00**	**1.53**	19.65	1.55	20.72	1.58
		100	14.99	1.46	16.06	1.52	17.13	1.57	17.77	1.59	19.28	1.62	20.35	1.65
		105	14.62	1.52	15.69	1.58	16.76	1.64	17.53	1.65	18.90	1.69	19.97	1.72
		110	14.24	1.58	15.32	1.64	16.39	1.70	17.16	1.72	18.53	1.75	19.60	1.79
		115	13.87	1.64	14.94	1.70	16.01	1.76	16.79	1.78	18.15	1.82	19.22	1.85
		118	13.65	1.68	14.72	1.74	15.79	1.80	16.56	1.82	17.93	1.86	19.00	1.89
		122	13.57	1.73	14.64	1.79	15.71	1.85	16.49	1.87	17.85	1.91	18.92	1.95

TC = Total Capacity (kBtu/h).

PI = Power Input (kW).

Nominal capacity as rated: 0 ft. above sea level with 25 ft. of refrigerant piping.
0 ft. level difference between outdoor and indoor units.

Nominal cooling capacity rating obtained with air entering the indoor unit at 80°F dry bulb (DB) and 67°F wet bulb (WB), and outdoor ambient conditions of 95°F dry bulb (DB) and 75°F wet bulb (WB).

The shaded table rows indicate reference data. When operating at this temperature, these values can be different if the system is not running consistently.

Due to our policy of continuous product innovation, some specifications may change without notification.
©LG Electronics U.S.A., Inc., Englewood Cliffs, NJ. All rights reserved. "LG" is a registered trademark of LG Corp.

PERFORMANCE DATA

Cooling Capacity Tables

Table 36: LMU247HV Cooling Capacity Table — Mixed Indoor Units.

Connected Indoor Units	Combination Capacity Index	Outdoor Air Temp. (°F DB)	Indoor Air Temp. °F DB / °F WB											
			68 / 57		73 / 61		77 / 64		80 / 67		86 / 72		90 / 75	
			TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
Two (2) Mixed Indoor Units	9 + 9	14	16.47	0.89	17.49	0.92	18.51	0.96	19.25	0.97	20.56	0.99	21.58	1.00
		20	16.46	0.90	17.48	0.94	18.50	0.97	19.24	0.98	20.54	1.00	21.57	1.02
		25	16.44	0.92	17.47	0.95	18.49	0.98	19.22	0.99	20.53	1.01	21.55	1.03
		30	16.43	0.93	17.45	0.96	18.47	1.00	19.21	1.01	20.51	1.03	21.53	1.05
		35	16.42	0.94	17.44	0.98	18.46	1.01	19.19	1.02	20.50	1.04	21.52	1.06
		40	16.41	0.95	17.43	0.99	18.44	1.02	19.18	1.04	20.48	1.06	21.50	1.08
		45	16.39	0.97	17.41	1.00	18.43	1.04	19.17	1.05	20.47	1.07	21.48	1.09
		50	16.38	0.98	17.40	1.02	18.42	1.05	19.15	1.06	20.45	1.08	21.47	1.11
		55	16.37	0.99	17.39	1.03	18.40	1.07	19.14	1.08	20.43	1.10	21.45	1.12
		60	16.36	1.00	17.37	1.04	18.39	1.08	19.12	1.09	20.42	1.11	21.43	1.13
		65	16.34	1.02	17.36	1.05	18.37	1.09	19.11	1.11	20.40	1.13	21.42	1.15
		70	16.33	1.03	17.35	1.07	18.36	1.11	19.09	1.12	20.39	1.14	21.40	1.16
		75	15.94	1.09	16.95	1.13	17.96	1.17	18.69	1.18	19.98	1.20	21.00	1.23
		80	15.54	1.14	16.55	1.18	17.56	1.23	18.29	1.24	19.58	1.26	20.59	1.29
		85	15.16	1.20	16.16	1.24	17.17	1.29	17.90	1.30	19.18	1.33	20.19	1.35
		90	14.77	1.25	15.77	1.30	16.77	1.35	17.50	1.36	18.78	1.39	19.79	1.41
		95	14.34	1.31	15.34	1.36	16.34	1.41	**16.80**	**1.42**	18.34	1.45	19.34	1.48
		100	13.99	1.36	14.99	1.41	15.99	1.47	16.58	1.48	17.99	1.51	18.99	1.54
		105	13.64	1.42	14.64	1.47	15.64	1.53	16.36	1.54	17.64	1.57	18.64	1.60
		110	13.30	1.48	14.29	1.53	15.29	1.58	16.02	1.60	17.29	1.63	18.29	1.67
		115	12.95	1.53	13.95	1.59	14.94	1.64	15.67	1.66	16.94	1.69	17.94	1.73
		118	12.74	1.56	13.74	1.62	14.73	1.68	15.46	1.70	16.73	1.73	17.73	1.77
		122	12.67	1.61	13.67	1.67	14.67	1.73	15.39	1.75	16.66	1.78	17.66	1.82
	9 + 12	14	17.01	0.90	18.06	0.94	19.12	0.97	19.88	0.98	21.23	1.00	22.29	1.02
		20	17.00	0.92	18.05	0.95	19.11	0.98	19.87	1.00	21.22	1.01	22.27	1.04
		25	16.98	0.93	18.04	0.96	19.09	1.00	19.85	1.01	21.20	1.03	22.26	1.05
		30	16.97	0.94	18.02	0.98	19.08	1.01	19.84	1.02	21.18	1.04	22.24	1.06
		35	16.96	0.96	18.01	0.99	19.06	1.03	19.82	1.04	21.17	1.06	22.22	1.08
		40	16.94	0.97	18.00	1.00	19.05	1.04	19.81	1.05	21.15	1.07	22.20	1.09
		45	16.93	0.98	17.98	1.02	19.03	1.05	19.79	1.07	21.14	1.09	22.19	1.11
		50	16.92	0.99	17.97	1.03	19.02	1.07	19.78	1.08	21.12	1.10	22.17	1.12
		55	16.90	1.01	17.95	1.04	19.00	1.08	19.76	1.09	21.10	1.12	22.15	1.14
		60	16.89	1.02	17.94	1.06	18.99	1.10	19.75	1.11	21.09	1.13	22.14	1.15
		65	16.88	1.03	17.93	1.07	18.97	1.11	19.73	1.12	21.07	1.14	22.12	1.17
		70	16.87	1.05	17.91	1.08	18.96	1.12	19.72	1.14	21.06	1.16	22.10	1.18
		75	16.46	1.10	17.50	1.14	18.55	1.18	19.30	1.20	20.64	1.22	21.68	1.25
		80	16.05	1.16	17.10	1.20	18.14	1.25	18.89	1.26	20.22	1.28	21.27	1.31
		85	15.65	1.22	16.69	1.26	17.73	1.31	18.48	1.32	19.81	1.35	20.85	1.37
		90	15.25	1.27	16.29	1.32	17.32	1.37	18.07	1.38	19.40	1.41	20.43	1.44
		95	14.81	1.33	15.84	1.38	16.88	1.43	**17.35**	**1.44**	18.94	1.47	19.97	1.50
		100	14.45	1.39	15.48	1.44	16.52	1.49	17.13	1.51	18.58	1.53	19.61	1.56
		105	14.09	1.44	15.12	1.49	16.16	1.55	16.90	1.57	18.22	1.60	19.25	1.63
		110	13.73	1.50	14.76	1.55	15.79	1.61	16.54	1.63	17.86	1.66	18.89	1.69
		115	13.37	1.55	14.40	1.61	15.43	1.67	16.18	1.69	17.50	1.72	18.53	1.76
		118	13.15	1.59	14.19	1.65	15.22	1.71	15.96	1.73	17.28	1.76	18.31	1.79
		122	13.08	1.63	14.11	1.69	15.15	1.76	15.89	1.78	17.21	1.81	18.24	1.84

TC = Total Capacity (kBtu/h).

PI = Power Input (kW).

Nominal capacity as rated: 0 ft. above sea level with 25 ft. of refrigerant piping.
0 ft. level difference between outdoor and indoor units.

Nominal cooling capacity rating obtained with air entering the indoor unit at 80ºF dry bulb (DB) and 67ºF wet bulb (WB), and outdoor ambient conditions of 95ºF dry bulb (DB) and 75ºF wet bulb (WB).

The shaded rows indicate reference data. When operating at this temperature, these values can be different if the system is not running consistently.

Due to our policy of continuous product innovation, some specifications may change without notification.
©LG Electronics U.S.A., Inc., Englewood Cliffs, NJ. All rights reserved. "LG" is a registered trademark of LG Corp.

PERFORMANCE DATA

Cooling Capacity Tables

Table 37: LMU247HV Cooling Capacity Table — Mixed Indoor Units.

Connected Indoor Units	Combination Capacity Index	Outdoor Air Temp. (°F DB)	Indoor Air Temp. °F DB / °F WB											
			68 / 57		73 / 61		77 / 64		80 / 67		86 / 72		90 / 75	
			TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
Two (2) Mixed Indoor Units	12 + 12	14	18.23	0.95	19.37	0.98	20.50	1.02	21.32	1.03	22.76	1.05	23.90	1.07
		20	18.22	0.96	19.35	1.00	20.48	1.03	21.30	1.05	22.75	1.07	23.88	1.09
		25	18.21	0.98	19.34	1.01	20.47	1.05	21.28	1.06	22.73	1.08	23.86	1.10
		30	18.19	0.99	19.32	1.03	20.45	1.06	21.27	1.08	22.71	1.10	23.84	1.12
		35	18.18	1.00	19.31	1.04	20.44	1.08	21.25	1.09	22.69	1.11	23.82	1.13
		40	18.16	1.02	19.29	1.05	20.42	1.09	21.23	1.11	22.68	1.13	23.80	1.15
		45	18.15	1.03	19.28	1.07	20.40	1.11	21.22	1.12	22.66	1.14	23.79	1.16
		50	18.14	1.04	19.26	1.08	20.39	1.12	21.20	1.14	22.64	1.16	23.77	1.18
		55	18.12	1.06	19.25	1.10	20.37	1.14	21.19	1.15	22.62	1.17	23.75	1.20
		60	18.11	1.07	19.23	1.11	20.36	1.15	21.17	1.17	22.61	1.19	23.73	1.21
		65	18.09	1.09	19.22	1.13	20.34	1.17	21.15	1.18	22.59	1.20	23.71	1.23
		70	18.08	1.10	19.20	1.14	20.33	1.18	21.14	1.19	22.57	1.22	23.69	1.24
		75	17.65	1.16	18.77	1.20	19.89	1.24	20.69	1.26	22.13	1.28	23.25	1.31
		80	17.21	1.22	18.33	1.26	19.45	1.31	20.25	1.32	21.68	1.35	22.80	1.38
		85	16.78	1.28	17.89	1.32	19.01	1.37	19.81	1.39	21.24	1.41	22.35	1.44
		90	16.35	1.34	17.46	1.39	18.57	1.44	19.37	1.45	20.80	1.48	21.91	1.51
		95	15.88	1.40	16.99	1.45	18.09	1.50	**18.60**	**1.52**	20.31	1.55	21.41	1.58
		100	15.49	1.46	16.60	1.51	17.71	1.56	18.36	1.58	19.92	1.61	21.02	1.64
		105	15.11	1.51	16.21	1.57	17.32	1.63	18.12	1.65	19.53	1.68	20.64	1.71
		110	14.72	1.57	15.83	1.63	16.93	1.69	17.73	1.71	19.14	1.74	20.25	1.78
		115	14.33	1.63	15.44	1.69	16.55	1.75	17.34	1.77	18.76	1.81	19.86	1.84
		118	14.10	1.67	15.21	1.73	16.31	1.79	17.11	1.81	18.53	1.85	19.63	1.88
		122	14.02	1.72	15.13	1.78	16.24	1.84	17.04	1.87	18.45	1.90	19.56	1.94
	9 + 18	14	18.23	0.95	19.37	0.98	20.50	1.02	21.32	1.03	22.76	1.05	23.90	1.07
		20	18.22	0.96	19.35	1.00	20.48	1.03	21.30	1.05	22.75	1.07	23.88	1.09
		25	18.21	0.98	19.34	1.01	20.47	1.05	21.28	1.06	22.73	1.08	23.86	1.10
		30	18.19	0.99	19.32	1.03	20.45	1.06	21.27	1.08	22.71	1.10	23.84	1.12
		35	18.18	1.00	19.31	1.04	20.44	1.08	21.25	1.09	22.69	1.11	23.82	1.13
		40	18.16	1.02	19.29	1.05	20.42	1.09	21.23	1.11	22.68	1.13	23.80	1.15
		45	18.15	1.03	19.28	1.07	20.40	1.11	21.22	1.12	22.66	1.14	23.79	1.16
		50	18.14	1.04	19.26	1.08	20.39	1.12	21.20	1.14	22.64	1.16	23.77	1.18
		55	18.12	1.06	19.25	1.10	20.37	1.14	21.19	1.15	22.62	1.17	23.75	1.20
		60	18.11	1.07	19.23	1.11	20.36	1.15	21.17	1.17	22.61	1.19	23.73	1.21
		65	18.09	1.09	19.22	1.13	20.34	1.17	21.15	1.18	22.59	1.20	23.71	1.23
		70	18.08	1.10	19.20	1.14	20.33	1.18	21.14	1.19	22.57	1.22	23.69	1.24
		75	17.65	1.16	18.77	1.20	19.89	1.24	20.69	1.26	22.13	1.28	23.25	1.31
		80	17.21	1.22	18.33	1.26	19.45	1.31	20.25	1.32	21.68	1.35	22.80	1.38
		85	16.78	1.28	17.89	1.32	19.01	1.37	19.81	1.39	21.24	1.41	22.35	1.44
		90	16.35	1.34	17.46	1.39	18.57	1.44	19.37	1.45	20.80	1.48	21.91	1.51
		95	15.88	1.40	16.99	1.45	18.09	1.50	**18.60**	**1.52**	20.31	1.55	21.41	1.58
		100	15.49	1.46	16.60	1.51	17.71	1.56	18.36	1.58	19.92	1.61	21.02	1.64
		105	15.11	1.51	16.21	1.57	17.32	1.63	18.12	1.65	19.53	1.68	20.64	1.71
		110	14.72	1.57	15.83	1.63	16.93	1.69	17.73	1.71	19.14	1.74	20.25	1.78
		115	14.33	1.63	15.44	1.69	16.55	1.75	17.34	1.77	18.76	1.81	19.86	1.84
		118	14.10	1.67	15.21	1.73	16.31	1.79	17.11	1.81	18.53	1.85	19.63	1.88
		122	14.02	1.72	15.13	1.78	16.24	1.84	17.04	1.87	18.45	1.90	19.56	1.94

TC = Total Capacity (kBtu/h).

PI = Power Input (kW).

Nominal capacity as rated: 0 ft. above sea level with 25 ft. of refrigerant piping.
0 ft. level difference between outdoor and indoor units.

Nominal cooling capacity rating obtained with air entering the indoor unit at 80ºF dry bulb (DB) and 67ºF wet bulb (WB), and outdoor ambient conditions of 95ºF dry bulb (DB) and 75ºF wet bulb (WB).

The shaded rows indicate reference data. When operating at this temperature, these values can be different if the system is not running consistently.

Due to our policy of continuous product innovation, some specifications may change without notification.
©LG Electronics U.S.A., Inc., Englewood Cliffs, NJ. All rights reserved. "LG" is a registered trademark of LG Corp.

PERFORMANCE DATA

Cooling Capacity Tables

Table 38: LMU247HV Cooling Capacity Table — Mixed Indoor Units.

Connected Indoor Units	Combination Capacity Index	Outdoor Air Temp. (°F DB)	Indoor Air Temp. °F DB / °F WB											
			68 / 57		73 / 61		77 / 64		80 / 67		86 / 72		90 / 75	
			TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
Two (2) Mixed Indoor Units	12 + 18	14	18.23	0.95	19.37	0.98	20.50	1.02	21.32	1.03	22.76	1.05	23.90	1.07
		20	18.22	0.96	19.35	1.00	20.48	1.03	21.30	1.05	22.75	1.07	23.88	1.09
		25	18.21	0.98	19.34	1.01	20.47	1.05	21.28	1.06	22.73	1.08	23.86	1.10
		30	18.19	0.99	19.32	1.03	20.45	1.06	21.27	1.08	22.71	1.10	23.84	1.12
		35	18.18	1.00	19.31	1.04	20.44	1.08	21.25	1.09	22.69	1.11	23.82	1.13
		40	18.16	1.02	19.29	1.05	20.42	1.09	**21.23**	**1.11**	22.68	1.13	23.80	1.15
		45	18.15	1.03	19.28	1.07	20.40	1.11	21.22	1.12	22.66	1.14	23.79	1.16
		50	18.14	1.04	19.26	1.08	20.39	1.12	21.20	1.14	22.64	1.16	23.77	1.18
		55	18.12	1.06	19.25	1.10	20.37	1.14	21.19	1.15	22.62	1.17	23.75	1.20
		60	18.11	1.07	19.23	1.11	20.36	1.15	21.17	1.17	22.61	1.19	23.73	1.21
		65	18.09	1.09	19.22	1.13	20.34	1.17	21.15	1.18	22.59	1.20	23.71	1.23
		70	18.08	1.10	19.20	1.14	20.33	1.18	21.14	1.19	22.57	1.22	23.69	1.24
		75	17.65	1.16	18.77	1.20	19.89	1.24	20.69	1.26	22.13	1.28	23.25	1.31
		80	17.21	1.22	18.33	1.26	19.45	1.31	20.25	1.32	21.68	1.35	22.80	1.38
		85	16.78	1.28	17.89	1.32	19.01	1.37	19.81	1.39	21.24	1.41	22.35	1.44
		90	16.35	1.34	17.46	1.39	18.57	1.44	19.37	1.45	20.80	1.48	21.91	1.51
		95	15.88	1.40	16.99	1.45	18.09	1.50	**18.60**	**1.52**	20.31	1.55	21.41	1.58
		100	15.49	1.46	16.60	1.51	17.71	1.56	18.36	1.58	19.92	1.61	21.02	1.64
		105	15.11	1.51	16.21	1.57	17.32	1.63	18.12	1.65	19.53	1.68	20.64	1.71
		110	14.72	1.57	15.83	1.63	16.93	1.69	17.73	1.71	19.14	1.74	20.25	1.78
		115	14.33	1.63	15.44	1.69	16.55	1.75	17.34	1.77	18.76	1.81	19.86	1.84
		118	14.10	1.67	15.21	1.73	16.31	1.79	17.11	1.81	18.53	1.85	19.63	1.88
		122	14.02	1.72	15.13	1.78	16.24	1.84	17.04	1.87	18.45	1.90	19.56	1.94
Three (3) Mixed Indoor Units	9 + 9 + 9	14	18.23	0.92	19.37	0.96	20.50	0.99	21.32	1.01	22.76	1.02	23.90	1.04
		20	18.22	0.94	19.35	0.97	20.48	1.01	21.30	1.02	22.75	1.04	23.88	1.06
		25	18.21	0.95	19.34	0.99	20.47	1.02	21.28	1.03	22.73	1.05	23.86	1.07
		30	18.19	0.96	19.32	1.00	20.45	1.04	21.27	1.05	22.71	1.07	23.84	1.09
		35	18.18	0.98	19.31	1.01	20.44	1.05	21.25	1.06	22.69	1.08	23.82	1.10
		40	18.16	0.99	19.29	1.03	20.42	1.07	**21.23**	**1.08**	22.68	1.10	23.80	1.12
		45	18.15	1.00	19.28	1.04	20.40	1.08	21.22	1.09	22.66	1.11	23.79	1.13
		50	18.14	1.02	19.26	1.06	20.39	1.09	21.20	1.11	22.64	1.13	23.77	1.15
		55	18.12	1.03	19.25	1.07	20.37	1.11	21.19	1.12	22.62	1.14	23.75	1.16
		60	18.11	1.04	19.23	1.08	20.36	1.12	21.17	1.14	22.61	1.16	23.73	1.18
		65	18.09	1.06	19.22	1.10	20.34	1.14	21.15	1.15	22.59	1.17	23.71	1.19
		70	18.08	1.07	19.20	1.11	20.33	1.15	21.14	1.16	22.57	1.19	23.69	1.21
		75	17.65	1.13	18.77	1.17	19.89	1.21	20.69	1.23	22.13	1.25	23.25	1.27
		80	17.21	1.19	18.33	1.23	19.45	1.27	20.25	1.29	21.68	1.31	22.80	1.34
		85	16.78	1.24	17.89	1.29	19.01	1.34	19.81	1.35	21.24	1.38	22.35	1.41
		90	16.35	1.30	17.46	1.35	18.57	1.40	19.37	1.42	20.80	1.44	21.91	1.47
		95	15.88	1.36	16.99	1.41	18.09	1.46	**18.60**	**1.48**	20.31	1.51	21.41	1.54
		100	15.49	1.42	16.60	1.47	17.71	1.52	18.36	1.54	19.92	1.57	21.02	1.60
		105	15.11	1.48	16.21	1.53	17.32	1.59	18.12	1.60	19.53	1.63	20.64	1.67
		110	14.72	1.53	15.83	1.59	16.93	1.65	17.73	1.67	19.14	1.70	20.25	1.73
		115	14.33	1.59	15.44	1.65	16.55	1.71	17.34	1.73	18.76	1.76	19.86	1.80
		118	14.10	1.63	15.21	1.69	16.31	1.75	17.11	1.77	18.53	1.80	19.63	1.84
		122	14.02	1.67	15.13	1.73	16.24	1.80	17.04	1.82	18.45	1.85	19.56	1.89

TC = Total Capacity (kBtu/h).

PI = Power Input (kW).

Nominal capacity as rated: 0 ft. above sea level with 25 ft. of refrigerant piping.
0 ft. level difference between outdoor and indoor units.

Nominal cooling capacity rating obtained with air entering the indoor unit at 80°F dry bulb (DB) and 67°F wet bulb (WB), and outdoor ambient conditions of 95°F dry bulb (DB) and 75°F wet bulb (WB).

The shaded table rows indicate reference data. When operating at this temperature, these values can be different if the system is not running consistently.

Due to our policy of continuous product innovation, some specifications may change without notification.
©LG Electronics U.S.A., Inc., Englewood Cliffs, NJ. All rights reserved. "LG" is a registered trademark of LG Corp.

PERFORMANCE DATA

Cooling Capacity Tables

Table 39: LMU247HV Cooling Capacity Table — Mixed Indoor Units.

Connected Indoor Units	Combination Capacity Index	Outdoor Air Temp. (°F DB)	Indoor Air Temp. °F DB / °F WB											
			68 / 57		73 / 61		77 / 64		80 / 67		86 / 72		90 / 75	
			TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
Three (3) Mixed Indoor Units	9 + 9 + 12	14	18.23	0.92	19.37	0.96	20.50	0.99	21.32	1.01	22.76	1.02	23.90	1.04
		20	18.22	0.94	19.35	0.97	20.48	1.01	21.30	1.02	22.75	1.04	23.88	1.06
		25	18.21	0.95	19.34	0.99	20.47	1.02	21.28	1.03	22.73	1.05	23.86	1.07
		30	18.19	0.96	19.32	1.00	20.45	1.04	21.27	1.05	22.71	1.07	23.84	1.09
		35	18.18	0.98	19.31	1.01	20.44	1.05	21.25	1.06	22.69	1.08	23.82	1.10
		40	18.16	0.99	19.29	1.03	20.42	1.07	21.23	1.08	22.68	1.10	23.80	1.12
		45	18.15	1.00	19.28	1.04	20.40	1.08	21.22	1.09	22.66	1.11	23.79	1.13
		50	18.14	1.02	19.26	1.06	20.39	1.09	21.20	1.11	22.64	1.13	23.77	1.15
		55	18.12	1.03	19.25	1.07	20.37	1.11	21.19	1.12	22.62	1.14	23.75	1.16
		60	18.11	1.04	19.23	1.08	20.36	1.12	21.17	1.14	22.61	1.16	23.73	1.18
		65	18.09	1.06	19.22	1.10	20.34	1.14	21.15	1.15	22.59	1.17	23.71	1.19
		70	18.08	1.07	19.20	1.11	20.33	1.15	21.14	1.16	22.57	1.19	23.69	1.21
		75	17.65	1.13	18.77	1.17	19.89	1.21	20.69	1.23	22.13	1.25	23.25	1.27
		80	17.21	1.19	18.33	1.23	19.45	1.27	20.25	1.29	21.68	1.31	22.80	1.34
		85	16.78	1.24	17.89	1.29	19.01	1.34	19.81	1.35	21.24	1.38	22.35	1.41
		90	16.35	1.30	17.46	1.35	18.57	1.40	19.37	1.42	20.80	1.44	21.91	1.47
		95	15.88	1.36	16.99	1.41	18.09	1.46	**18.60**	**1.48**	20.31	1.51	21.41	1.54
		100	15.49	1.42	16.60	1.47	17.71	1.52	18.36	1.54	19.92	1.57	21.02	1.60
		105	15.11	1.48	16.21	1.53	17.32	1.59	18.12	1.60	19.53	1.63	20.64	1.67
		110	14.72	1.53	15.83	1.59	16.93	1.65	17.73	1.67	19.14	1.70	20.25	1.73
		115	14.33	1.59	15.44	1.65	16.55	1.71	17.34	1.73	18.76	1.76	19.86	1.80
		118	14.10	1.63	15.21	1.69	16.31	1.75	17.11	1.77	18.53	1.80	19.63	1.84
		122	14.02	1.67	15.13	1.73	16.24	1.80	17.04	1.82	18.45	1.85	19.56	1.89
	9 + 12 + 12	14	18.23	0.92	19.37	0.96	20.50	0.99	21.32	1.01	22.76	1.02	23.90	1.04
		20	18.22	0.94	19.35	0.97	20.48	1.01	21.30	1.02	22.75	1.04	23.88	1.06
		25	18.21	0.95	19.34	0.99	20.47	1.02	21.28	1.03	22.73	1.05	23.86	1.07
		30	18.19	0.96	19.32	1.00	20.45	1.04	21.27	1.05	22.71	1.07	23.84	1.09
		35	18.18	0.98	19.31	1.01	20.44	1.05	21.25	1.06	22.69	1.08	23.82	1.10
		40	18.16	0.99	19.29	1.03	20.42	1.07	21.23	1.08	22.68	1.10	23.80	1.12
		45	18.15	1.00	19.28	1.04	20.40	1.08	21.22	1.09	22.66	1.11	23.79	1.13
		50	18.14	1.02	19.26	1.06	20.39	1.09	21.20	1.11	22.64	1.13	23.77	1.15
		55	18.12	1.03	19.25	1.07	20.37	1.11	21.19	1.12	22.62	1.14	23.75	1.16
		60	18.11	1.04	19.23	1.08	20.36	1.12	21.17	1.14	22.61	1.16	23.73	1.18
		65	18.09	1.06	19.22	1.10	20.34	1.14	21.15	1.15	22.59	1.17	23.71	1.19
		70	18.08	1.07	19.20	1.11	20.33	1.15	21.14	1.16	22.57	1.19	23.69	1.21
		75	17.65	1.13	18.77	1.17	19.89	1.21	20.69	1.23	22.13	1.25	23.25	1.27
		80	17.21	1.19	18.33	1.23	19.45	1.27	20.25	1.29	21.68	1.31	22.80	1.34
		85	16.78	1.24	17.89	1.29	19.01	1.34	19.81	1.35	21.24	1.38	22.35	1.41
		90	16.35	1.30	17.46	1.35	18.57	1.40	19.37	1.42	20.80	1.44	21.91	1.47
		95	15.88	1.36	16.99	1.41	18.09	1.46	**18.60**	**1.48**	20.31	1.51	21.41	1.54
		100	15.49	1.42	16.60	1.47	17.71	1.52	18.36	1.54	19.92	1.57	21.02	1.60
		105	15.11	1.48	16.21	1.53	17.32	1.59	18.12	1.60	19.53	1.63	20.64	1.67
		110	14.72	1.53	15.83	1.59	16.93	1.65	17.73	1.67	19.14	1.70	20.25	1.73
		115	14.33	1.59	15.44	1.65	16.55	1.71	17.34	1.73	18.76	1.76	19.86	1.80
		118	14.10	1.63	15.21	1.69	16.31	1.75	17.11	1.77	18.53	1.80	19.63	1.84
		122	14.02	1.67	15.13	1.73	16.24	1.80	17.04	1.82	18.45	1.85	19.56	1.89

TC = Total Capacity (kBtu/h).

PI = Power Input (kW).

Nominal capacity as rated: 0 ft. above sea level with 25 ft. of refrigerant piping.
0 ft. level difference between outdoor and indoor units.

Nominal cooling capacity rating obtained with air entering the indoor unit at 80ºF dry bulb (DB) and 67ºF wet bulb (WB), and outdoor ambient conditions of 95ºF dry bulb (DB) and 75ºF wet bulb (WB).

The shaded table rows indicate reference data. When operating at this temperature, these values can be different if the system is not running consistently.

Due to our policy of continuous product innovation, some specifications may change without notification.
©LG Electronics U.S.A., Inc., Englewood Cliffs, NJ. All rights reserved. "LG" is a registered trademark of LG Corp.

PERFORMANCE DATA

Cooling Capacity Tables

Table 40: LMU369HV Cooling Capacity Table — Non-Ducted Indoor Units.

Connected Indoor Units	Combination Capacity Index	Outdoor Air Temp. (°F DB)	Indoor Air Temp. °F DB / °F WB											
			68 / 57		73 / 61		77 / 64		80 / 67		86 / 72		90 / 75	
			TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
Two (2) Non-Ducted Indoor Units	9 + 9	14	17.65	1.19	18.74	1.23	19.84	1.28	20.63	1.29	22.03	1.32	23.12	1.34
		20	17.63	1.21	18.73	1.25	19.82	1.30	20.61	1.31	22.01	1.34	23.11	1.36
		25	17.62	1.22	18.71	1.27	19.81	1.31	20.60	1.33	22.00	1.35	23.09	1.38
		30	17.60	1.24	18.70	1.29	19.79	1.33	20.58	1.35	21.98	1.37	23.07	1.40
		35	17.59	1.26	18.68	1.30	19.78	1.35	20.57	1.37	21.96	1.39	23.05	1.42
		40	17.58	1.27	18.67	1.32	19.76	1.37	20.55	1.38	21.94	1.41	23.04	1.44
		45	17.56	1.29	18.66	1.34	19.75	1.39	20.53	1.40	21.93	1.43	23.02	1.46
		50	17.55	1.31	18.64	1.36	19.73	1.41	20.52	1.42	21.91	1.45	23.00	1.48
		55	17.54	1.33	18.63	1.37	19.72	1.42	20.50	1.44	21.89	1.47	22.98	1.50
		60	17.52	1.34	18.61	1.39	19.70	1.44	20.49	1.46	21.88	1.49	22.97	1.52
		65	17.51	1.36	18.60	1.41	19.69	1.46	20.47	1.48	21.86	1.51	22.95	1.54
		70	17.50	1.38	18.58	1.43	19.67	1.48	20.46	1.50	21.84	1.52	22.93	1.56
		75	17.08	1.45	18.16	1.50	19.24	1.56	20.03	1.58	21.41	1.61	22.50	1.64
		80	16.66	1.53	17.74	1.58	18.82	1.64	19.60	1.66	20.98	1.69	22.06	1.72
		85	16.24	1.60	17.32	1.66	18.40	1.72	19.17	1.74	20.55	1.77	21.63	1.81
		90	15.82	1.67	16.90	1.74	17.97	1.80	18.75	1.82	20.12	1.85	21.20	1.89
		95	15.37	1.75	16.44	1.81	17.51	1.88	**18.00**	**1.90**	19.65	1.94	20.72	1.97
		100	14.99	1.82	16.06	1.89	17.13	1.96	17.77	1.98	19.28	2.02	20.35	2.06
		105	14.62	1.90	15.69	1.97	16.76	2.04	17.53	2.06	18.90	2.10	19.97	2.14
		110	14.24	1.97	15.32	2.04	16.39	2.12	17.16	2.14	18.53	2.18	19.60	2.23
		115	13.87	2.05	14.94	2.12	16.01	2.20	16.79	2.22	18.15	2.26	19.22	2.31
		118	13.65	2.09	14.72	2.17	15.79	2.25	16.56	2.27	17.93	2.31	19.00	2.36
		122	13.57	2.15	14.64	2.23	15.71	2.31	16.49	2.34	17.85	2.38	18.92	2.43
	9 + 12	14	20.59	1.32	21.86	1.37	23.14	1.42	24.07	1.43	25.70	1.46	26.98	1.49
		20	20.57	1.34	21.85	1.39	23.13	1.44	24.05	1.46	25.68	1.48	26.96	1.51
		25	20.55	1.36	21.83	1.41	23.11	1.46	24.03	1.48	25.66	1.50	26.94	1.53
		30	20.54	1.38	21.81	1.43	23.09	1.48	24.01	1.50	25.64	1.52	26.92	1.56
		35	20.52	1.40	21.80	1.45	23.07	1.50	23.99	1.52	25.62	1.55	26.90	1.58
		40	20.51	1.42	21.78	1.47	23.05	1.52	23.97	1.54	25.60	1.57	26.88	1.60
		45	20.49	1.43	21.76	1.49	23.04	1.54	23.96	1.56	25.58	1.59	26.86	1.62
		50	20.48	1.45	21.75	1.51	23.02	1.56	23.94	1.58	25.56	1.61	26.83	1.64
		55	20.46	1.47	21.73	1.53	23.00	1.58	23.92	1.60	25.54	1.63	26.81	1.66
		60	20.44	1.49	21.71	1.55	22.98	1.60	23.90	1.62	25.52	1.65	26.79	1.68
		65	20.43	1.51	21.70	1.57	22.97	1.62	23.88	1.64	25.50	1.67	26.77	1.71
		70	20.41	1.53	21.68	1.58	22.95	1.64	23.86	1.66	25.48	1.69	26.75	1.73
		75	19.92	1.61	21.19	1.67	22.45	1.73	23.36	1.75	24.98	1.78	26.25	1.82
		80	19.43	1.69	20.69	1.76	21.95	1.82	22.87	1.84	24.48	1.88	25.74	1.91
		85	18.94	1.78	20.20	1.84	21.46	1.91	22.37	1.93	23.98	1.97	25.24	2.01
		90	18.46	1.86	19.71	1.93	20.97	2.00	21.87	2.02	23.48	2.06	24.73	2.10
		95	17.93	1.94	19.18	2.01	20.43	2.09	**21.00**	**2.11**	22.93	2.15	24.17	2.19
		100	17.49	2.02	18.74	2.10	19.99	2.17	20.73	2.20	22.49	2.24	23.74	2.29
		105	17.06	2.11	18.30	2.18	19.55	2.26	20.46	2.29	22.05	2.33	23.30	2.38
		110	16.62	2.19	17.87	2.27	19.12	2.35	20.02	2.38	21.62	2.42	22.86	2.47
		115	16.18	2.27	17.43	2.35	18.68	2.44	19.58	2.47	21.18	2.51	22.43	2.57
		118	15.92	2.32	17.17	2.41	18.42	2.49	19.32	2.52	20.92	2.57	22.17	2.62
		122	15.83	2.39	17.08	2.47	18.33	2.56	19.23	2.59	20.83	2.64	22.08	2.70

TC = Total Capacity (kBtu/h).

PI = Power Input (kW).

Nominal capacity as rated: 0 ft. above sea level with 25 ft. of refrigerant piping.
0 ft. level difference between outdoor and indoor units.

Nominal cooling capacity rating obtained with air entering the indoor unit at 80°F dry bulb (DB) and 67°F wet bulb (WB), and outdoor ambient conditions of 95°F dry bulb (DB) and 75°F wet bulb (WB).

The shaded table rows indicate reference data. When operating at this temperature, these values can be different if the system is not running consistently.

Due to our policy of continuous product innovation, some specifications may change without notification.
©LG Electronics U.S.A., Inc., Englewood Cliffs, NJ. All rights reserved. "LG" is a registered trademark of LG Corp.

PERFORMANCE DATA

Cooling Capacity Tables

Table 41: LMU369HV Cooling Capacity Table — Non-Ducted Indoor Units (continued).

Connected Indoor Units	Combination Capacity Index	Outdoor Air Temp. (°F DB)	Indoor Air Temp. °F DB / °F WB											
			68 / 57		73 / 61		77 / 64		80 / 67		86 / 72		90 / 75	
			TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
Two (2) Non-Ducted Indoor Units	12 + 12	14	23.53	1.45	24.99	1.50	26.45	1.56	27.50	1.58	29.37	1.61	30.83	1.64
		20	23.51	1.47	24.97	1.53	26.43	1.58	27.48	1.60	29.35	1.63	30.81	1.66
		25	23.49	1.49	24.95	1.55	26.41	1.60	27.46	1.62	29.33	1.65	30.79	1.69
		30	23.47	1.51	24.93	1.57	26.39	1.63	27.44	1.65	29.30	1.68	30.76	1.71
		35	23.46	1.54	24.91	1.59	26.37	1.65	27.42	1.67	29.28	1.70	30.74	1.73
		40	23.44	1.56	24.89	1.61	26.35	1.67	27.40	1.69	29.26	1.72	30.72	1.76
		45	23.42	1.58	24.87	1.63	26.33	1.69	27.38	1.71	29.24	1.75	30.69	1.78
		50	23.40	1.60	24.85	1.66	26.31	1.72	27.36	1.74	29.21	1.77	30.67	1.80
		55	23.38	1.62	24.84	1.68	26.29	1.74	27.34	1.76	29.19	1.79	30.64	1.83
		60	23.37	1.64	24.82	1.70	26.27	1.76	27.32	1.78	29.17	1.82	30.62	1.85
		65	23.35	1.66	24.80	1.72	26.25	1.78	27.29	1.80	29.15	1.84	30.60	1.88
		70	23.33	1.68	24.78	1.74	26.23	1.81	27.27	1.83	29.13	1.86	30.57	1.90
		75	22.77	1.77	24.21	1.84	25.66	1.90	26.70	1.93	28.55	1.96	29.99	2.00
		80	22.21	1.86	23.65	1.93	25.09	2.00	26.13	2.02	27.97	2.06	29.42	2.10
		85	21.65	1.95	23.09	2.02	24.53	2.10	25.57	2.12	27.40	2.16	28.84	2.21
		90	21.09	2.04	22.53	2.12	23.96	2.20	25.00	2.22	26.83	2.26	28.27	2.31
		95	20.49	2.13	21.92	2.21	23.35	2.29	**24.00**	**2.32**	26.20	2.36	27.63	2.41
		100	19.99	2.23	21.42	2.31	22.85	2.39	23.69	2.42	25.70	2.46	27.13	2.51
		105	19.49	2.32	20.92	2.40	22.35	2.49	23.38	2.52	25.20	2.56	26.63	2.62
		110	18.99	2.41	20.42	2.49	21.85	2.59	22.88	2.62	24.70	2.66	26.13	2.72
		115	18.49	2.50	19.92	2.59	21.35	2.68	22.38	2.71	24.20	2.77	25.63	2.82
		118	18.19	2.55	19.62	2.65	21.05	2.74	22.08	2.77	23.90	2.83	25.33	2.88
		122	18.10	2.62	19.52	2.72	20.95	2.82	21.98	2.85	23.81	2.91	25.23	2.96
	9 + 18	14	26.47	1.51	28.11	1.57	29.76	1.63	30.94	1.65	33.04	1.68	34.69	1.71
		20	26.45	1.54	28.09	1.59	29.73	1.65	30.92	1.67	33.02	1.70	34.66	1.73
		25	26.43	1.56	28.07	1.61	29.71	1.67	30.90	1.69	32.99	1.72	34.63	1.76
		30	26.41	1.58	28.05	1.64	29.69	1.70	30.87	1.72	32.97	1.75	34.61	1.78
		35	26.39	1.60	28.03	1.66	29.66	1.72	30.85	1.74	32.94	1.77	34.58	1.81
		40	26.37	1.62	28.00	1.68	29.64	1.74	30.82	1.76	32.92	1.80	34.55	1.83
		45	26.35	1.64	27.98	1.71	29.62	1.77	30.80	1.79	32.89	1.82	34.53	1.86
		50	26.33	1.67	27.96	1.73	29.60	1.79	30.78	1.81	32.87	1.85	34.50	1.88
		55	26.31	1.69	27.94	1.75	29.57	1.81	30.75	1.83	32.84	1.87	34.48	1.91
		60	26.29	1.71	27.92	1.77	29.55	1.84	30.73	1.86	32.82	1.89	34.45	1.93
		65	26.27	1.73	27.90	1.80	29.53	1.86	30.71	1.88	32.79	1.92	34.42	1.96
		70	26.25	1.75	27.88	1.82	29.51	1.88	30.68	1.91	32.77	1.94	34.40	1.98
		75	25.61	1.85	27.24	1.92	28.87	1.99	30.04	2.01	32.12	2.05	33.74	2.09
		80	24.98	1.94	26.60	2.01	28.23	2.09	29.40	2.11	31.47	2.15	33.09	2.19
		85	24.36	2.04	25.97	2.11	27.59	2.19	28.76	2.21	30.83	2.26	32.45	2.30
		90	23.73	2.13	25.34	2.21	26.96	2.29	28.12	2.32	30.19	2.36	31.80	2.41
		95	23.05	2.23	24.66	2.31	26.26	2.39	**27.00**	**2.42**	29.48	2.47	31.08	2.51
		100	22.49	2.32	24.10	2.41	25.70	2.49	26.65	2.52	28.91	2.57	30.52	2.62
		105	21.93	2.42	23.53	2.50	25.14	2.60	26.30	2.63	28.35	2.67	29.96	2.73
		110	21.37	2.51	22.97	2.60	24.58	2.70	25.74	2.73	27.79	2.78	29.40	2.84
		115	20.81	2.61	22.41	2.70	24.02	2.80	25.18	2.83	27.23	2.88	28.84	2.94
		118	20.47	2.66	22.08	2.76	23.68	2.86	24.84	2.89	26.89	2.95	28.50	3.01
		122	20.36	2.74	21.96	2.84	23.57	2.94	24.73	2.98	26.78	3.03	28.39	3.09

TC = Total Capacity (kBtu/h).

PI = Power Input (kW).

Nominal capacity as rated: 0 ft. above sea level with 25 ft. of refrigerant piping.
0 ft. level difference between outdoor and indoor units.

Nominal cooling capacity rating obtained with air entering the indoor unit at 80ºF dry bulb (DB) and 67ºF wet bulb (WB), and outdoor ambient conditions of 95ºF dry bulb (DB) and 75ºF wet bulb (WB).

The shaded table rows indicate reference data. When operating at this temperature, these values can be different if the system is not running consistently.

Due to our policy of continuous product innovation, some specifications may change without notification.
©LG Electronics U.S.A., Inc., Englewood Cliffs, NJ. All rights reserved. "LG" is a registered trademark of LG Corp.

PERFORMANCE DATA

Cooling Capacity Tables

Table 42: LMU369HV Cooling Capacity Table — Non-Ducted Indoor Units (continued).

Connected Indoor Units	Combination Capacity Index	Outdoor Air Temp. (°F DB)	Indoor Air Temp. °F DB / °F WB											
			68 / 57		73 / 61		77 / 64		80 / 67		86 / 72		90 / 75	
			TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
Two (2) Non-Ducted Indoor Units	12 + 18	14	29.41	1.63	31.24	1.69	33.06	1.75	34.38	1.77	36.71	1.80	38.54	1.84
		20	29.39	1.65	31.21	1.71	33.04	1.77	34.35	1.79	36.69	1.83	38.51	1.86
		25	29.36	1.67	31.19	1.73	33.01	1.80	34.33	1.82	36.66	1.85	38.48	1.89
		30	29.34	1.70	31.16	1.76	32.99	1.82	34.30	1.84	36.63	1.88	38.45	1.92
		35	29.32	1.72	31.14	1.78	32.96	1.85	34.28	1.87	36.60	1.90	38.42	1.94
		40	29.30	1.74	31.12	1.81	32.94	1.87	34.25	1.90	36.57	1.93	38.39	1.97
		45	29.27	1.77	31.09	1.83	32.91	1.90	34.22	1.92	36.55	1.96	38.36	2.00
		50	29.25	1.79	31.07	1.86	32.89	1.92	34.20	1.95	36.52	1.98	38.34	2.02
		55	29.23	1.81	31.04	1.88	32.86	1.95	34.17	1.97	36.49	2.01	38.31	2.05
		60	29.21	1.84	31.02	1.90	32.83	1.97	34.14	2.00	36.46	2.03	38.28	2.08
		65	29.18	1.86	31.00	1.93	32.81	2.00	34.12	2.02	36.43	2.06	38.25	2.10
		70	29.16	1.88	30.97	1.95	32.78	2.02	34.09	2.05	36.41	2.09	38.22	2.13
		75	28.46	1.99	30.27	2.06	32.07	2.13	33.38	2.16	35.69	2.20	37.49	2.24
		80	27.76	2.09	29.56	2.16	31.36	2.24	32.66	2.27	34.97	2.31	36.77	2.36
		85	27.06	2.19	28.86	2.27	30.66	2.35	31.96	2.38	34.25	2.42	36.05	2.47
		90	26.37	2.29	28.16	2.37	29.95	2.46	31.25	2.49	33.54	2.54	35.33	2.59
		95	25.61	2.39	27.40	2.48	29.18	2.57	**30.00**	**2.60**	32.75	2.65	34.53	2.70
		100	24.99	2.49	26.77	2.59	28.56	2.68	29.61	2.71	32.13	2.76	33.91	2.82
		105	24.37	2.60	26.15	2.69	27.93	2.79	29.22	2.82	31.50	2.87	33.29	2.93
		110	23.74	2.70	25.53	2.80	27.31	2.90	28.60	2.93	30.88	2.99	32.66	3.05
		115	23.12	2.80	24.90	2.90	26.69	3.01	27.98	3.04	30.26	3.10	32.04	3.16
		118	22.74	2.86	24.53	2.96	26.31	3.07	27.60	3.11	29.88	3.17	31.67	3.23
		122	22.62	2.94	24.40	3.05	26.19	3.16	27.48	3.20	29.76	3.26	31.54	3.32
	18 + 18	14	32.35	1.80	34.36	1.87	36.37	1.94	37.82	1.96	40.39	2.00	42.40	2.04
		20	32.33	1.83	34.33	1.89	36.34	1.96	37.79	1.99	40.36	2.02	42.36	2.06
		25	32.30	1.85	34.31	1.92	36.31	1.99	37.76	2.01	40.32	2.05	42.33	2.09
		30	32.28	1.88	34.28	1.95	36.28	2.02	37.73	2.04	40.29	2.08	42.30	2.12
		35	32.25	1.91	34.25	1.98	36.26	2.05	37.70	2.07	40.26	2.11	42.27	2.15
		40	32.23	1.93	34.23	2.00	36.23	2.08	37.67	2.10	40.23	2.14	42.23	2.18
		45	32.20	1.96	34.20	2.03	36.20	2.10	37.65	2.13	40.20	2.17	42.20	2.21
		50	32.18	1.98	34.18	2.06	36.17	2.13	37.62	2.16	40.17	2.20	42.17	2.24
		55	32.15	2.01	34.15	2.08	36.15	2.16	37.59	2.18	40.14	2.22	42.14	2.27
		60	32.13	2.04	34.12	2.11	36.12	2.19	37.56	2.21	40.11	2.25	42.10	2.30
		65	32.10	2.06	34.10	2.14	36.09	2.21	37.53	2.24	40.08	2.28	42.07	2.33
		70	32.08	2.09	34.07	2.16	36.06	2.24	37.50	2.27	40.05	2.31	42.04	2.36
		75	31.31	2.20	33.29	2.28	35.28	2.36	36.72	2.39	39.26	2.44	41.24	2.48
		80	30.53	2.31	32.52	2.40	34.50	2.48	35.93	2.51	38.46	2.56	40.45	2.61
		85	29.77	2.42	31.75	2.51	33.72	2.61	35.15	2.64	37.68	2.68	39.66	2.74
		90	29.00	2.54	30.98	2.63	32.95	2.73	34.37	2.76	36.89	2.81	38.87	2.87
		95	28.17	2.65	30.14	2.75	32.10	2.85	**33.00**	**2.88**	36.03	2.93	37.99	2.99
		100	27.49	2.76	29.45	2.86	31.41	2.97	32.57	3.00	35.34	3.06	37.30	3.12
		105	26.80	2.88	28.76	2.98	30.73	3.09	32.14	3.12	34.65	3.18	36.62	3.25
		110	26.12	2.99	28.08	3.10	30.04	3.21	31.46	3.25	33.97	3.31	35.93	3.37
		115	25.43	3.10	27.39	3.21	29.36	3.33	30.77	3.37	33.28	3.43	35.24	3.50
		118	25.02	3.17	26.98	3.28	28.94	3.40	30.36	3.44	32.87	3.51	34.83	3.58
		122	24.88	3.26	26.84	3.38	28.81	3.50	30.22	3.54	32.73	3.61	34.69	3.68

TC = Total Capacity (kBtu/h).

PI = Power Input (kW).

Nominal capacity as rated: 0 ft. above sea level with 25 ft. of refrigerant piping.
0 ft. level difference between outdoor and indoor units.

Nominal cooling capacity rating obtained with air entering the indoor unit at 80ºF dry bulb (DB) and 67ºF wet bulb (WB), and outdoor ambient conditions of 95ºF dry bulb (DB) and 75ºF wet bulb (WB).

The shaded table rows indicate reference data. When operating at this temperature, these values can be different if the system is not running consistently.

Due to our policy of continuous product innovation, some specifications may change without notification.
©LG Electronics U.S.A., Inc., Englewood Cliffs, NJ. All rights reserved. "LG" is a registered trademark of LG Corp.

PERFORMANCE DATA

Cooling Capacity Tables

Table 43: LMU369HV Cooling Capacity Table — Non-Ducted Indoor Units (continued).

Connected Indoor Units	Combination Capacity Index	Outdoor Air Temp. (°F DB)	Indoor Air Temp. °F DB / °F WB											
			68 / 57		73 / 61		77 / 64		80 / 67		86 / 72		90 / 75	
			TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
Three (3) Non-Ducted Indoor Units	9 + 9 + 9	14	26.47	1.51	28.11	1.57	29.76	1.63	30.94	1.65	33.04	1.68	34.69	1.71
		20	26.45	1.54	28.09	1.59	29.73	1.65	30.92	1.67	33.02	1.70	34.66	1.73
		25	26.43	1.56	28.07	1.61	29.71	1.67	30.90	1.69	32.99	1.72	34.63	1.76
		30	26.41	1.58	28.05	1.64	29.69	1.70	30.87	1.72	32.97	1.75	34.61	1.78
		35	26.39	1.60	28.03	1.66	29.66	1.72	30.85	1.74	32.94	1.77	34.58	1.81
		40	26.37	1.62	28.00	1.68	29.64	1.74	30.82	1.76	32.92	1.80	34.55	1.83
		45	26.35	1.64	27.98	1.71	29.62	1.77	30.80	1.79	32.89	1.82	34.53	1.86
		50	26.33	1.67	27.96	1.73	29.60	1.79	30.78	1.81	32.87	1.85	34.50	1.88
		55	26.31	1.69	27.94	1.75	29.57	1.81	30.75	1.83	32.84	1.87	34.48	1.91
		60	26.29	1.71	27.92	1.77	29.55	1.84	30.73	1.86	32.82	1.89	34.45	1.93
		65	26.27	1.73	27.90	1.80	29.53	1.86	30.71	1.88	32.79	1.92	34.42	1.96
		70	26.25	1.75	27.88	1.82	29.51	1.88	30.68	1.91	32.77	1.94	34.40	1.98
		75	25.61	1.85	27.24	1.92	28.87	1.99	30.04	2.01	32.12	2.05	33.74	2.09
		80	24.98	1.94	26.60	2.01	28.23	2.09	29.40	2.11	31.47	2.15	33.09	2.19
		85	24.36	2.04	25.97	2.11	27.59	2.19	28.76	2.21	30.83	2.26	32.45	2.30
		90	23.73	2.13	25.34	2.21	26.96	2.29	28.12	2.32	30.19	2.36	31.80	2.41
		95	23.05	2.23	24.66	2.31	26.26	2.39	**27.00**	**2.42**	29.48	2.47	31.08	2.51
		100	22.49	2.32	24.10	2.41	25.70	2.49	26.65	2.52	28.91	2.57	30.52	2.62
		105	21.93	2.42	23.53	2.50	25.14	2.60	26.30	2.63	28.35	2.67	29.96	2.73
		110	21.37	2.51	22.97	2.60	24.58	2.70	25.74	2.73	27.79	2.78	29.40	2.84
		115	20.81	2.61	22.41	2.70	24.02	2.80	25.18	2.83	27.23	2.88	28.84	2.94
		118	20.47	2.66	22.08	2.76	23.68	2.86	24.84	2.89	26.89	2.95	28.50	3.01
		122	20.36	2.74	21.96	2.84	23.57	2.94	24.73	2.98	26.78	3.03	28.39	3.09
	9 + 9 + 12	14	29.41	1.63	31.24	1.69	33.06	1.75	34.38	1.77	36.71	1.80	38.54	1.84
		20	29.39	1.65	31.21	1.71	33.04	1.77	34.35	1.79	36.69	1.83	38.51	1.86
		25	29.36	1.67	31.19	1.73	33.01	1.80	34.33	1.82	36.66	1.85	38.48	1.89
		30	29.34	1.70	31.16	1.76	32.99	1.82	34.30	1.84	36.63	1.88	38.45	1.92
		35	29.32	1.72	31.14	1.78	32.96	1.85	34.28	1.87	36.60	1.90	38.42	1.94
		40	29.30	1.74	31.12	1.81	32.94	1.87	34.25	1.90	36.57	1.93	38.39	1.97
		45	29.27	1.77	31.09	1.83	32.91	1.90	34.22	1.92	36.55	1.96	38.36	2.00
		50	29.25	1.79	31.07	1.86	32.89	1.92	34.20	1.95	36.52	1.98	38.34	2.02
		55	29.23	1.81	31.04	1.88	32.86	1.95	34.17	1.97	36.49	2.01	38.31	2.05
		60	29.21	1.84	31.02	1.90	32.83	1.97	34.14	2.00	36.46	2.03	38.28	2.08
		65	29.18	1.86	31.00	1.93	32.81	2.00	34.12	2.02	36.43	2.06	38.25	2.10
		70	29.16	1.88	30.97	1.95	32.78	2.02	34.09	2.05	36.41	2.09	38.22	2.13
		75	28.46	1.99	30.27	2.06	32.07	2.13	33.38	2.16	35.69	2.20	37.49	2.24
		80	27.76	2.09	29.56	2.16	31.36	2.24	32.66	2.27	34.97	2.31	36.77	2.36
		85	27.06	2.19	28.86	2.27	30.66	2.35	31.96	2.38	34.25	2.42	36.05	2.47
		90	26.37	2.29	28.16	2.37	29.95	2.46	31.25	2.49	33.54	2.54	35.33	2.59
		95	25.61	2.39	27.40	2.48	29.18	2.57	**30.00**	**2.60**	32.75	2.65	34.53	2.70
		100	24.99	2.49	26.77	2.59	28.56	2.68	29.61	2.71	32.13	2.76	33.91	2.82
		105	24.37	2.60	26.15	2.69	27.93	2.79	29.22	2.82	31.50	2.87	33.29	2.93
		110	23.74	2.70	25.53	2.80	27.31	2.90	28.60	2.93	30.88	2.99	32.66	3.05
		115	23.12	2.80	24.90	2.90	26.69	3.01	27.98	3.04	30.26	3.10	32.04	3.16
		118	22.74	2.86	24.53	2.96	26.31	3.07	27.60	3.11	29.88	3.17	31.67	3.23
		122	22.62	2.94	24.40	3.05	26.19	3.16	27.48	3.20	29.76	3.26	31.54	3.32

TC = Total Capacity (kBtu/h).

PI = Power Input (kW).

Nominal capacity as rated: 0 ft. above sea level with 25 ft. of refrigerant piping.
0 ft. level difference between outdoor and indoor units.

Nominal cooling capacity rating obtained with air entering the indoor unit at 80ºF dry bulb (DB) and 67ºF wet bulb (WB), and outdoor ambient conditions of 95ºF dry bulb (DB) and 75ºF wet bulb (WB).

The shaded table rows indicate reference data. When operating at this temperature, these values can be different if the system is not running consistently.

Due to our policy of continuous product innovation, some specifications may change without notification.
©LG Electronics U.S.A., Inc., Englewood Cliffs, NJ. All rights reserved. "LG" is a registered trademark of LG Corp.

Table 44: LMU369HV Cooling Capacity Table — Non-Ducted Indoor Units (continued).

Connected Indoor Units	Combination Capacity Index	Outdoor Air Temp. (°F DB)	Indoor Air Temp. °F DB / °F WB											
			68 / 57		73 / 61		77 / 64		80 / 67		86 / 72		90 / 75	
			TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
Three (3) Non-Ducted Indoor Units	9 + 12 +12	14	29.41	1.63	31.24	1.69	33.06	1.75	34.38	1.77	36.71	1.80	38.54	1.84
		20	29.39	1.65	31.21	1.71	33.04	1.77	34.35	1.79	36.69	1.83	38.51	1.86
		25	29.36	1.67	31.19	1.73	33.01	1.80	34.33	1.82	36.66	1.85	38.48	1.89
		30	29.34	1.70	31.16	1.76	32.99	1.82	34.30	1.84	36.63	1.88	38.45	1.92
		35	29.32	1.72	31.14	1.78	32.96	1.85	34.28	1.87	36.60	1.90	38.42	1.94
		40	29.30	1.74	31.12	1.81	32.94	1.87	34.25	1.90	36.57	1.93	38.39	1.97
		45	29.27	1.77	31.09	1.83	32.91	1.90	34.22	1.92	36.55	1.96	38.36	2.00
		50	29.25	1.79	31.07	1.86	32.89	1.92	34.20	1.95	36.52	1.98	38.34	2.02
		55	29.23	1.81	31.04	1.88	32.86	1.95	34.17	1.97	36.49	2.01	38.31	2.05
		60	29.21	1.84	31.02	1.90	32.83	1.97	34.14	2.00	36.46	2.03	38.28	2.08
		65	29.18	1.86	31.00	1.93	32.81	2.00	34.12	2.02	36.43	2.06	38.25	2.10
		70	29.16	1.88	30.97	1.95	32.78	2.02	34.09	2.05	36.41	2.09	38.22	2.13
		75	28.46	1.99	30.27	2.06	32.07	2.13	33.38	2.16	35.69	2.20	37.49	2.24
		80	27.76	2.09	29.56	2.16	31.36	2.24	32.66	2.27	34.97	2.31	36.77	2.36
		85	27.06	2.19	28.86	2.27	30.66	2.35	31.96	2.38	34.25	2.42	36.05	2.47
		90	26.37	2.29	28.16	2.37	29.95	2.46	31.25	2.49	33.54	2.54	35.33	2.59
		95	25.61	2.39	27.40	2.48	29.18	2.57	**30.00**	**2.60**	32.75	2.65	34.53	2.70
		100	24.99	2.49	26.77	2.59	28.56	2.68	29.61	2.71	32.13	2.76	33.91	2.82
		105	24.37	2.60	26.15	2.69	27.93	2.79	29.22	2.82	31.50	2.87	33.29	2.93
		110	23.74	2.70	25.53	2.80	27.31	2.90	28.60	2.93	30.88	2.99	32.66	3.05
		115	23.12	2.80	24.90	2.90	26.69	3.01	27.98	3.04	30.26	3.10	32.04	3.16
		118	22.74	2.86	24.53	2.96	26.31	3.07	27.60	3.11	29.88	3.17	31.67	3.23
		122	22.62	2.94	24.40	3.05	26.19	3.16	27.48	3.20	29.76	3.26	31.54	3.32
	12 + 12 + 12	14	33.33	1.70	35.40	1.76	37.47	1.83	38.96	1.85	41.61	1.88	43.68	1.92
		20	33.30	1.73	35.37	1.79	37.44	1.86	38.94	1.88	41.58	1.91	43.65	1.95
		25	33.28	1.75	35.35	1.82	37.41	1.88	38.91	1.90	41.55	1.94	43.61	1.98
		30	33.25	1.78	35.32	1.84	37.38	1.91	38.88	1.93	41.51	1.97	43.58	2.01
		35	33.23	1.80	35.29	1.87	37.36	1.93	38.85	1.96	41.48	1.99	43.55	2.03
		40	33.20	1.82	35.27	1.89	37.33	1.96	38.82	1.98	41.45	2.02	43.51	2.06
		45	33.18	1.85	35.24	1.92	37.30	1.99	38.79	2.01	41.42	2.05	43.48	2.09
		50	33.15	1.87	35.21	1.94	37.27	2.01	38.76	2.04	41.39	2.07	43.45	2.12
		55	33.13	1.90	35.18	1.97	37.24	2.04	38.73	2.06	41.36	2.10	43.41	2.14
		60	33.10	1.92	35.16	1.99	37.21	2.07	38.70	2.09	41.32	2.13	43.38	2.17
		65	33.08	1.95	35.13	2.02	37.18	2.09	38.67	2.12	41.29	2.16	43.35	2.20
		70	33.05	1.97	35.10	2.04	37.16	2.12	38.64	2.14	41.26	2.18	43.31	2.23
		75	32.26	2.08	34.30	2.15	36.35	2.23	37.83	2.26	40.45	2.30	42.49	2.35
		80	31.46	2.18	33.50	2.26	35.54	2.35	37.02	2.37	39.63	2.42	41.67	2.47
		85	30.67	2.29	32.71	2.37	34.75	2.46	36.22	2.49	38.82	2.54	40.86	2.59
		90	29.88	2.40	31.92	2.48	33.95	2.57	35.42	2.60	38.01	2.65	40.05	2.71
		95	29.03	2.50	31.05	2.59	33.07	2.69	**34.00**	**2.72**	37.12	2.77	39.14	2.83
		100	28.32	2.61	30.34	2.70	32.37	2.80	33.56	2.84	36.41	2.89	38.43	2.95
		105	27.61	2.72	29.64	2.81	31.66	2.92	33.12	2.95	35.70	3.01	37.73	3.07
		110	26.91	2.82	28.93	2.92	30.95	3.03	32.41	3.07	35.00	3.12	37.02	3.19
		115	26.20	2.93	28.22	3.04	30.24	3.15	31.71	3.18	34.29	3.24	36.31	3.31
		118	25.78	2.99	27.80	3.10	29.82	3.21	31.28	3.25	33.87	3.31	35.89	3.38
		122	25.63	3.08	27.66	3.19	29.68	3.31	31.14	3.34	33.72	3.41	35.75	3.48

TC = Total Capacity (kBtu/h).

PI = Power Input (kW).

Nominal capacity as rated: 0 ft. above sea level with 25 ft. of refrigerant piping.
0 ft. level difference between outdoor and indoor units.

Nominal cooling capacity rating obtained with air entering the indoor unit at 80ºF dry bulb (DB) and 67ºF wet bulb (WB), and outdoor ambient conditions of 95ºF dry bulb (DB) and 75ºF wet bulb (WB).

The shaded table rows indicate reference data. When operating at this temperature, these values can be different if the system is not running consistently.

Due to our policy of continuous product innovation, some specifications may change without notification.
©LG Electronics U.S.A., Inc., Englewood Cliffs, NJ. All rights reserved. "LG" is a registered trademark of LG Corp.

PERFORMANCE DATA

Cooling Capacity Tables

Table 45: LMU369HV Cooling Capacity Table — Non-Ducted Indoor Units (continued).

Connected Indoor Units	Combination Capacity Index	Outdoor Air Temp. (°F DB)	Indoor Air Temp. °F DB / °F WB											
			68 / 57		73 / 61		77 / 64		80 / 67		86 / 72		90 / 75	
			TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
Three (3) Non-Ducted Indoor Units	9 + 9 + 18	14	33.33	1.70	35.40	1.76	37.47	1.83	38.96	1.85	41.61	1.88	43.68	1.92
		20	33.30	1.73	35.37	1.79	37.44	1.86	38.94	1.88	41.58	1.91	43.65	1.95
		25	33.28	1.75	35.35	1.82	37.41	1.88	38.91	1.90	41.55	1.94	43.61	1.98
		30	33.25	1.78	35.32	1.84	37.38	1.91	38.88	1.93	41.51	1.97	43.58	2.01
		35	33.23	1.80	35.29	1.87	37.36	1.93	38.85	1.96	41.48	1.99	43.55	2.03
		40	33.20	1.82	35.27	1.89	37.33	1.96	38.82	1.98	41.45	2.02	43.51	2.06
		45	33.18	1.85	35.24	1.92	37.30	1.99	38.79	2.01	41.42	2.05	43.48	2.09
		50	33.15	1.87	35.21	1.94	37.27	2.01	38.76	2.04	41.39	2.07	43.45	2.12
		55	33.13	1.90	35.18	1.97	37.24	2.04	38.73	2.06	41.36	2.10	43.41	2.14
		60	33.10	1.92	35.16	1.99	37.21	2.07	38.70	2.09	41.32	2.13	43.38	2.17
		65	33.08	1.95	35.13	2.02	37.18	2.09	38.67	2.12	41.29	2.16	43.35	2.20
		70	33.05	1.97	35.10	2.04	37.16	2.12	38.64	2.14	41.26	2.18	43.31	2.23
		75	32.26	2.08	34.30	2.15	36.35	2.23	37.83	2.26	40.45	2.30	42.49	2.35
		80	31.46	2.18	33.50	2.26	35.54	2.35	37.02	2.37	39.63	2.42	41.67	2.47
		85	30.67	2.29	32.71	2.37	34.75	2.46	36.22	2.49	38.82	2.54	40.86	2.59
		90	29.88	2.40	31.92	2.48	33.95	2.57	35.42	2.60	38.01	2.65	40.05	2.71
		95	29.03	2.50	31.05	2.59	33.07	2.69	**34.00**	**2.72**	37.12	2.77	39.14	2.83
		100	28.32	2.61	30.34	2.70	32.37	2.80	33.56	2.84	36.41	2.89	38.43	2.95
		105	27.61	2.72	29.64	2.81	31.66	2.92	33.12	2.95	35.70	3.01	37.73	3.07
		110	26.91	2.82	28.93	2.92	30.95	3.03	32.41	3.07	35.00	3.12	37.02	3.19
		115	26.20	2.93	28.22	3.04	30.24	3.15	31.71	3.18	34.29	3.24	36.31	3.31
		118	25.78	2.99	27.80	3.10	29.82	3.21	31.28	3.25	33.87	3.31	35.89	3.38
		122	25.63	3.08	27.66	3.19	29.68	3.31	31.14	3.34	33.72	3.41	35.75	3.48
	9 + 12 +18	14	33.33	1.70	35.40	1.76	37.47	1.83	38.96	1.85	41.61	1.88	43.68	1.92
		20	33.30	1.73	35.37	1.79	37.44	1.86	38.94	1.88	41.58	1.91	43.65	1.95
		25	33.28	1.75	35.35	1.82	37.41	1.88	38.91	1.90	41.55	1.94	43.61	1.98
		30	33.25	1.78	35.32	1.84	37.38	1.91	38.88	1.93	41.51	1.97	43.58	2.01
		35	33.23	1.80	35.29	1.87	37.36	1.93	38.85	1.96	41.48	1.99	43.55	2.03
		40	33.20	1.82	35.27	1.89	37.33	1.96	38.82	1.98	41.45	2.02	43.51	2.06
		45	33.18	1.85	35.24	1.92	37.30	1.99	38.79	2.01	41.42	2.05	43.48	2.09
		50	33.15	1.87	35.21	1.94	37.27	2.01	38.76	2.04	41.39	2.07	43.45	2.12
		55	33.13	1.90	35.18	1.97	37.24	2.04	38.73	2.06	41.36	2.10	43.41	2.14
		60	33.10	1.92	35.16	1.99	37.21	2.07	38.70	2.09	41.32	2.13	43.38	2.17
		65	33.08	1.95	35.13	2.02	37.18	2.09	38.67	2.12	41.29	2.16	43.35	2.20
		70	33.05	1.97	35.10	2.04	37.16	2.12	38.64	2.14	41.26	2.18	43.31	2.23
		75	32.26	2.08	34.30	2.15	36.35	2.23	37.83	2.26	40.45	2.30	42.49	2.35
		80	31.46	2.18	33.50	2.26	35.54	2.35	37.02	2.37	39.63	2.42	41.67	2.47
		85	30.67	2.29	32.71	2.37	34.75	2.46	36.22	2.49	38.82	2.54	40.86	2.59
		90	29.88	2.40	31.92	2.48	33.95	2.57	35.42	2.60	38.01	2.65	40.05	2.71
		95	29.03	2.50	31.05	2.59	33.07	2.69	**34.00**	**2.72**	37.12	2.77	39.14	2.83
		100	28.32	2.61	30.34	2.70	32.37	2.80	33.56	2.84	36.41	2.89	38.43	2.95
		105	27.61	2.72	29.64	2.81	31.66	2.92	33.12	2.95	35.70	3.01	37.73	3.07
		110	26.91	2.82	28.93	2.92	30.95	3.03	32.41	3.07	35.00	3.12	37.02	3.19
		115	26.20	2.93	28.22	3.04	30.24	3.15	31.71	3.18	34.29	3.24	36.31	3.31
		118	25.78	2.99	27.80	3.10	29.82	3.21	31.28	3.25	33.87	3.31	35.89	3.38
		122	25.63	3.08	27.66	3.19	29.68	3.31	31.14	3.34	33.72	3.41	35.75	3.48

TC = Total Capacity (kBtu/h).

PI = Power Input (kW).

Nominal capacity as rated: 0 ft. above sea level with 25 ft. of refrigerant piping.
0 ft. level difference between outdoor and indoor units.

Nominal cooling capacity rating obtained with air entering the indoor unit at 80°F dry bulb (DB) and 67°F wet bulb (WB), and outdoor ambient conditions of 95°F dry bulb (DB) and 75°F wet bulb (WB).

The shaded table rows indicate reference data. When operating at this temperature, these values can be different if the system is not running consistently.

Due to our policy of continuous product innovation, some specifications may change without notification.
©LG Electronics U.S.A., Inc., Englewood Cliffs, NJ. All rights reserved. "LG" is a registered trademark of LG Corp.

Table 46: LMU369HV Cooling Capacity Table — Non-Ducted Indoor Units (continued).

Connected Indoor Units	Combination Capacity Index	Outdoor Air Temp. (°F DB)	Indoor Air Temp. °F DB / °F WB											
			68 / 57		73 / 61		77 / 64		80 / 67		86 / 72		90 / 75	
			TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
Three (3) Non-Ducted Indoor Units	12 + 12 + 18	14	33.33	1.70	35.40	1.76	37.47	1.83	38.96	1.85	41.61	1.88	43.68	1.92
		20	33.30	1.73	35.37	1.79	37.44	1.86	38.94	1.88	41.58	1.91	43.65	1.95
		25	33.28	1.75	35.35	1.82	37.41	1.88	38.91	1.90	41.55	1.94	43.61	1.98
		30	33.25	1.78	35.32	1.84	37.38	1.91	38.88	1.93	41.51	1.97	43.58	2.01
		35	33.23	1.80	35.29	1.87	37.36	1.93	38.85	1.96	41.48	1.99	43.55	2.03
		40	33.20	1.82	35.27	1.89	37.33	1.96	38.82	1.98	41.45	2.02	43.51	2.06
		45	33.18	1.85	35.24	1.92	37.30	1.99	38.79	2.01	41.42	2.05	43.48	2.09
		50	33.15	1.87	35.21	1.94	37.27	2.01	38.76	2.04	41.39	2.07	43.45	2.12
		55	33.13	1.90	35.18	1.97	37.24	2.04	38.73	2.06	41.36	2.10	43.41	2.14
		60	33.10	1.92	35.16	1.99	37.21	2.07	38.70	2.09	41.32	2.13	43.38	2.17
		65	33.08	1.95	35.13	2.02	37.18	2.09	38.67	2.12	41.29	2.16	43.35	2.20
		70	33.05	1.97	35.10	2.04	37.16	2.12	38.64	2.14	41.26	2.18	43.31	2.23
		75	32.26	2.08	34.30	2.15	36.35	2.23	37.83	2.26	40.45	2.30	42.49	2.35
		80	31.46	2.18	33.50	2.26	35.54	2.35	37.02	2.37	39.63	2.42	41.67	2.47
		85	30.67	2.29	32.71	2.37	34.75	2.46	36.22	2.49	38.82	2.54	40.86	2.59
		90	29.88	2.40	31.92	2.48	33.95	2.57	35.42	2.60	38.01	2.65	40.05	2.71
		95	29.03	2.50	31.05	2.59	33.07	2.69	**34.00**	**2.72**	37.12	2.77	39.14	2.83
		100	28.32	2.61	30.34	2.70	32.37	2.80	33.56	2.84	36.41	2.89	38.43	2.95
		105	27.61	2.72	29.64	2.81	31.66	2.92	33.12	2.95	35.70	3.01	37.73	3.07
		110	26.91	2.82	28.93	2.92	30.95	3.03	32.41	3.07	35.00	3.12	37.02	3.19
		115	26.20	2.93	28.22	3.04	30.24	3.15	31.71	3.18	34.29	3.24	36.31	3.31
		118	25.78	2.99	27.80	3.10	29.82	3.21	31.28	3.25	33.87	3.31	35.89	3.38
		122	25.63	3.08	27.66	3.19	29.68	3.31	31.14	3.34	33.72	3.41	35.75	3.48
	9 + 18 + 18	14	33.33	1.70	35.40	1.76	37.47	1.83	38.96	1.85	41.61	1.88	43.68	1.92
		20	33.30	1.73	35.37	1.79	37.44	1.86	38.94	1.88	41.58	1.91	43.65	1.95
		25	33.28	1.75	35.35	1.82	37.41	1.88	38.91	1.90	41.55	1.94	43.61	1.98
		30	33.25	1.78	35.32	1.84	37.38	1.91	38.88	1.93	41.51	1.97	43.58	2.01
		35	33.23	1.80	35.29	1.87	37.36	1.93	38.85	1.96	41.48	1.99	43.55	2.03
		40	33.20	1.82	35.27	1.89	37.33	1.96	38.82	1.98	41.45	2.02	43.51	2.06
		45	33.18	1.85	35.24	1.92	37.30	1.99	38.79	2.01	41.42	2.05	43.48	2.09
		50	33.15	1.87	35.21	1.94	37.27	2.01	38.76	2.04	41.39	2.07	43.45	2.12
		55	33.13	1.90	35.18	1.97	37.24	2.04	38.73	2.06	41.36	2.10	43.41	2.14
		60	33.10	1.92	35.16	1.99	37.21	2.07	38.70	2.09	41.32	2.13	43.38	2.17
		65	33.08	1.95	35.13	2.02	37.18	2.09	38.67	2.12	41.29	2.16	43.35	2.20
		70	33.05	1.97	35.10	2.04	37.16	2.12	38.64	2.14	41.26	2.18	43.31	2.23
		75	32.26	2.08	34.30	2.15	36.35	2.23	37.83	2.26	40.45	2.30	42.49	2.35
		80	31.46	2.18	33.50	2.26	35.54	2.35	37.02	2.37	39.63	2.42	41.67	2.47
		85	30.67	2.29	32.71	2.37	34.75	2.46	36.22	2.49	38.82	2.54	40.86	2.59
		90	29.88	2.40	31.92	2.48	33.95	2.57	35.42	2.60	38.01	2.65	40.05	2.71
		95	29.03	2.50	31.05	2.59	33.07	2.69	**34.00**	**2.72**	37.12	2.77	39.14	2.83
		100	28.32	2.61	30.34	2.70	32.37	2.80	33.56	2.84	36.41	2.89	38.43	2.95
		105	27.61	2.72	29.64	2.81	31.66	2.92	33.12	2.95	35.70	3.01	37.73	3.07
		110	26.91	2.82	28.93	2.92	30.95	3.03	32.41	3.07	35.00	3.12	37.02	3.19
		115	26.20	2.93	28.22	3.04	30.24	3.15	31.71	3.18	34.29	3.24	36.31	3.31
		118	25.78	2.99	27.80	3.10	29.82	3.21	31.28	3.25	33.87	3.31	35.89	3.38
		122	25.63	3.08	27.66	3.19	29.68	3.31	31.14	3.34	33.72	3.41	35.75	3.48

TC = Total Capacity (kBtu/h).

PI = Power Input (kW).

Nominal capacity as rated: 0 ft. above sea level with 25 ft. of refrigerant piping.
0 ft. level difference between outdoor and indoor units.

Nominal cooling capacity rating obtained with air entering the indoor unit at 80ºF dry bulb (DB) and 67ºF wet bulb (WB), and outdoor ambient conditions of 95ºF dry bulb (DB) and 75ºF wet bulb (WB).

The shaded table rows indicate reference data. When operating at this temperature, these values can be different if the system is not running consistently.

Due to our policy of continuous product innovation, some specifications may change without notification.
©LG Electronics U.S.A., Inc., Englewood Cliffs, NJ. All rights reserved. "LG" is a registered trademark of LG Corp.

PERFORMANCE DATA

Cooling Capacity Tables

Table 47: LMU369HV Cooling Capacity Table — Non-Ducted Indoor Units (continued).

Connected Indoor Units	Combination Capacity Index	Outdoor Air Temp. (°F DB)	Indoor Air Temp. °F DB / °F WB											
			68 / 57		73 / 61		77 / 64		80 / 67		86 / 72		90 / 75	
			TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
Three (3) Non-Ducted Indoor Units	12 + 18 + 18	14	33.33	1.70	35.40	1.76	37.47	1.83	38.96	1.85	41.61	1.88	43.68	1.92
		20	33.30	1.73	35.37	1.79	37.44	1.86	38.94	1.88	41.58	1.91	43.65	1.95
		25	33.28	1.75	35.35	1.82	37.41	1.88	38.91	1.90	41.55	1.94	43.61	1.98
		30	33.25	1.78	35.32	1.84	37.38	1.91	38.88	1.93	41.51	1.97	43.58	2.01
		35	33.23	1.80	35.29	1.87	37.36	1.93	38.85	1.96	41.48	1.99	43.55	2.03
		40	33.20	1.82	35.27	1.89	37.33	1.96	38.82	1.98	41.45	2.02	43.51	2.06
		45	33.18	1.85	35.24	1.92	37.30	1.99	38.79	2.01	41.42	2.05	43.48	2.09
		50	33.15	1.87	35.21	1.94	37.27	2.01	38.76	2.04	41.39	2.07	43.45	2.12
		55	33.13	1.90	35.18	1.97	37.24	2.04	38.73	2.06	41.36	2.10	43.41	2.14
		60	33.10	1.92	35.16	1.99	37.21	2.07	38.70	2.09	41.32	2.13	43.38	2.17
		65	33.08	1.95	35.13	2.02	37.18	2.09	38.67	2.12	41.29	2.16	43.35	2.20
		70	33.05	1.97	35.10	2.04	37.16	2.12	38.64	2.14	41.26	2.18	43.31	2.23
		75	32.26	2.08	34.30	2.15	36.35	2.23	37.83	2.26	40.45	2.30	42.49	2.35
		80	31.46	2.18	33.50	2.26	35.54	2.35	37.02	2.37	39.63	2.42	41.67	2.47
		85	30.67	2.29	32.71	2.37	34.75	2.46	36.22	2.49	38.82	2.54	40.86	2.59
		90	29.88	2.40	31.92	2.48	33.95	2.57	35.42	2.60	38.01	2.65	40.05	2.71
		95	29.03	2.50	31.05	2.59	33.07	2.69	**34.00**	**2.72**	37.12	2.77	39.14	2.83
		100	28.32	2.61	30.34	2.70	32.37	2.80	33.56	2.84	36.41	2.89	38.43	2.95
		105	27.61	2.72	29.64	2.81	31.66	2.92	33.12	2.95	35.70	3.01	37.73	3.07
		110	26.91	2.82	28.93	2.92	30.95	3.03	32.41	3.07	35.00	3.12	37.02	3.19
		115	26.20	2.93	28.22	3.04	30.24	3.15	31.71	3.18	34.29	3.24	36.31	3.31
		118	25.78	2.99	27.80	3.10	29.82	3.21	31.28	3.25	33.87	3.31	35.89	3.38
		122	25.63	3.08	27.66	3.19	29.68	3.31	31.14	3.34	33.72	3.41	35.75	3.48
Four (4) Non-Ducted Indoor Units	9 + 9 + 9 + 9	14	33.33	1.70	35.40	1.76	37.47	1.83	38.96	1.85	41.61	1.88	43.68	1.92
		20	33.30	1.73	35.37	1.79	37.44	1.86	38.94	1.88	41.58	1.91	43.65	1.95
		25	33.28	1.75	35.35	1.82	37.41	1.88	38.91	1.90	41.55	1.94	43.61	1.98
		30	33.25	1.78	35.32	1.84	37.38	1.91	38.88	1.93	41.51	1.97	43.58	2.01
		35	33.23	1.80	35.29	1.87	37.36	1.93	38.85	1.96	41.48	1.99	43.55	2.03
		40	33.20	1.82	35.27	1.89	37.33	1.96	38.82	1.98	41.45	2.02	43.51	2.06
		45	33.18	1.85	35.24	1.92	37.30	1.99	38.79	2.01	41.42	2.05	43.48	2.09
		50	33.15	1.87	35.21	1.94	37.27	2.01	38.76	2.04	41.39	2.07	43.45	2.12
		55	33.13	1.90	35.18	1.97	37.24	2.04	38.73	2.06	41.36	2.10	43.41	2.14
		60	33.10	1.92	35.16	1.99	37.21	2.07	38.70	2.09	41.32	2.13	43.38	2.17
		65	33.08	1.95	35.13	2.02	37.18	2.09	38.67	2.12	41.29	2.16	43.35	2.20
		70	33.05	1.97	35.10	2.04	37.16	2.12	38.64	2.14	41.26	2.18	43.31	2.23
		75	32.26	2.08	34.30	2.15	36.35	2.23	37.83	2.26	40.45	2.30	42.49	2.35
		80	31.46	2.18	33.50	2.26	35.54	2.35	37.02	2.37	39.63	2.42	41.67	2.47
		85	30.67	2.29	32.71	2.37	34.75	2.46	36.22	2.49	38.82	2.54	40.86	2.59
		90	29.88	2.40	31.92	2.48	33.95	2.57	35.42	2.60	38.01	2.65	40.05	2.71
		95	29.03	2.50	31.05	2.59	33.07	2.69	**34.00**	**2.72**	37.12	2.77	39.14	2.83
		100	28.32	2.61	30.34	2.70	32.37	2.80	33.56	2.84	36.41	2.89	38.43	2.95
		105	27.61	2.72	29.64	2.81	31.66	2.92	33.12	2.95	35.70	3.01	37.73	3.07
		110	26.91	2.82	28.93	2.92	30.95	3.03	32.41	3.07	35.00	3.12	37.02	3.19
		115	26.20	2.93	28.22	3.04	30.24	3.15	31.71	3.18	34.29	3.24	36.31	3.31
		118	25.78	2.99	27.80	3.10	29.82	3.21	31.28	3.25	33.87	3.31	35.89	3.38
		122	25.63	3.08	27.66	3.19	29.68	3.31	31.14	3.34	33.72	3.41	35.75	3.48

TC = Total Capacity (kBtu/h).

PI = Power Input (kW).

Nominal capacity as rated: 0 ft. above sea level with 25 ft. of refrigerant piping.
0 ft. level difference between outdoor and indoor units.

Nominal cooling capacity rating obtained with air entering the indoor unit at 80ºF dry bulb (DB) and 67ºF wet bulb (WB), and outdoor ambient conditions of 95ºF dry bulb (DB) and 75ºF wet bulb (WB).

The shaded table rows indicate reference data. When operating at this temperature, these values can be different if the system is not running consistently.

Due to our policy of continuous product innovation, some specifications may change without notification.
©LG Electronics U.S.A., Inc., Englewood Cliffs, NJ. All rights reserved. "LG" is a registered trademark of LG Corp.

Table 48: LMU369HV Cooling Capacity Table — Non-Ducted Indoor Units (continued).

Connected Indoor Units	Combination Capacity Index	Outdoor Air Temp. (°F DB)	Indoor Air Temp. °F DB / °F WB											
			68 / 57		73 / 61		77 / 64		80 / 67		86 / 72		90 / 75	
			TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
Four (4) Non-Ducted Indoor Units	9 + 9 + 9 + 12	14	33.33	1.70	35.40	1.76	37.47	1.83	38.96	1.85	41.61	1.88	43.68	1.92
		20	33.30	1.73	35.37	1.79	37.44	1.86	38.94	1.88	41.58	1.91	43.65	1.95
		25	33.28	1.75	35.35	1.82	37.41	1.88	38.91	1.90	41.55	1.94	43.61	1.98
		30	33.25	1.78	35.32	1.84	37.38	1.91	38.88	1.93	41.51	1.97	43.58	2.01
		35	33.23	1.80	35.29	1.87	37.36	1.93	38.85	1.96	41.48	1.99	43.55	2.03
		40	33.20	1.82	35.27	1.89	37.33	1.96	38.82	1.98	41.45	2.02	43.51	2.06
		45	33.18	1.85	35.24	1.92	37.30	1.99	38.79	2.01	41.42	2.05	43.48	2.09
		50	33.15	1.87	35.21	1.94	37.27	2.01	38.76	2.04	41.39	2.07	43.45	2.12
		55	33.13	1.90	35.18	1.97	37.24	2.04	38.73	2.06	41.36	2.10	43.41	2.14
		60	33.10	1.92	35.16	1.99	37.21	2.07	38.70	2.09	41.32	2.13	43.38	2.17
		65	33.08	1.95	35.13	2.02	37.18	2.09	38.67	2.12	41.29	2.16	43.35	2.20
		70	33.05	1.97	35.10	2.04	37.16	2.12	38.64	2.14	41.26	2.18	43.31	2.23
		75	32.26	2.08	34.30	2.15	36.35	2.23	37.83	2.26	40.45	2.30	42.49	2.35
		80	31.46	2.18	33.50	2.26	35.54	2.35	37.02	2.37	39.63	2.42	41.67	2.47
		85	30.67	2.29	32.71	2.37	34.75	2.46	36.22	2.49	38.82	2.54	40.86	2.59
		90	29.88	2.40	31.92	2.48	33.95	2.57	35.42	2.60	38.01	2.65	40.05	2.71
		95	29.03	2.50	31.05	2.59	33.07	2.69	**34.00**	**2.72**	37.12	2.77	39.14	2.83
		100	28.32	2.61	30.34	2.70	32.37	2.80	33.56	2.84	36.41	2.89	38.43	2.95
		105	27.61	2.72	29.64	2.81	31.66	2.92	33.12	2.95	35.70	3.01	37.73	3.07
		110	26.91	2.82	28.93	2.92	30.95	3.03	32.41	3.07	35.00	3.12	37.02	3.19
		115	26.20	2.93	28.22	3.04	30.24	3.15	31.71	3.18	34.29	3.24	36.31	3.31
		118	25.78	2.99	27.80	3.10	29.82	3.21	31.28	3.25	33.87	3.31	35.89	3.38
		122	25.63	3.08	27.66	3.19	29.68	3.31	31.14	3.34	33.72	3.41	35.75	3.48
	9 + 9 + 12 + 12	14	33.33	1.70	35.40	1.76	37.47	1.83	38.96	1.85	41.61	1.88	43.68	1.92
		20	33.30	1.73	35.37	1.79	37.44	1.86	38.94	1.88	41.58	1.91	43.65	1.95
		25	33.28	1.75	35.35	1.82	37.41	1.88	38.91	1.90	41.55	1.94	43.61	1.98
		30	33.25	1.78	35.32	1.84	37.38	1.91	38.88	1.93	41.51	1.97	43.58	2.01
		35	33.23	1.80	35.29	1.87	37.36	1.93	38.85	1.96	41.48	1.99	43.55	2.03
		40	33.20	1.82	35.27	1.89	37.33	1.96	38.82	1.98	41.45	2.02	43.51	2.06
		45	33.18	1.85	35.24	1.92	37.30	1.99	38.79	2.01	41.42	2.05	43.48	2.09
		50	33.15	1.87	35.21	1.94	37.27	2.01	38.76	2.04	41.39	2.07	43.45	2.12
		55	33.13	1.90	35.18	1.97	37.24	2.04	38.73	2.06	41.36	2.10	43.41	2.14
		60	33.10	1.92	35.16	1.99	37.21	2.07	38.70	2.09	41.32	2.13	43.38	2.17
		65	33.08	1.95	35.13	2.02	37.18	2.09	38.67	2.12	41.29	2.16	43.35	2.20
		70	33.05	1.97	35.10	2.04	37.16	2.12	38.64	2.14	41.26	2.18	43.31	2.23
		75	32.26	2.08	34.30	2.15	36.35	2.23	37.83	2.26	40.45	2.30	42.49	2.35
		80	31.46	2.18	33.50	2.26	35.54	2.35	37.02	2.37	39.63	2.42	41.67	2.47
		85	30.67	2.29	32.71	2.37	34.75	2.46	36.22	2.49	38.82	2.54	40.86	2.59
		90	29.88	2.40	31.92	2.48	33.95	2.57	35.42	2.60	38.01	2.65	40.05	2.71
		95	29.03	2.50	31.05	2.59	33.07	2.69	**34.00**	**2.72**	37.12	2.77	39.14	2.83
		100	28.32	2.61	30.34	2.70	32.37	2.80	33.56	2.84	36.41	2.89	38.43	2.95
		105	27.61	2.72	29.64	2.81	31.66	2.92	33.12	2.95	35.70	3.01	37.73	3.07
		110	26.91	2.82	28.93	2.92	30.95	3.03	32.41	3.07	35.00	3.12	37.02	3.19
		115	26.20	2.93	28.22	3.04	30.24	3.15	31.71	3.18	34.29	3.24	36.31	3.31
		118	25.78	2.99	27.80	3.10	29.82	3.21	31.28	3.25	33.87	3.31	35.89	3.38
		122	25.63	3.08	27.66	3.19	29.68	3.31	31.14	3.34	33.72	3.41	35.75	3.48

TC = Total Capacity (kBtu/h).

PI = Power Input (kW).

Nominal capacity as rated: 0 ft. above sea level with 25 ft. of refrigerant piping.
0 ft. level difference between outdoor and indoor units.

Nominal cooling capacity rating obtained with air entering the indoor unit at 80°F dry bulb (DB) and 67°F wet bulb (WB), and outdoor ambient conditions of 95°F dry bulb (DB) and 75°F wet bulb (WB).

The shaded table rows indicate reference data. When operating at this temperature, these values can be different if the system is not running consistently.

Due to our policy of continuous product innovation, some specifications may change without notification.
©LG Electronics U.S.A., Inc., Englewood Cliffs, NJ. All rights reserved. "LG" is a registered trademark of LG Corp.

PERFORMANCE DATA

Cooling Capacity Tables

Table 49: LMU369HV Cooling Capacity Table — Non-Ducted Indoor Units (continued).

Connected Indoor Units	Combination Capacity Index	Outdoor Air Temp. (°F DB)	Indoor Air Temp. °F DB / °F WB											
			68 / 57		73 / 61		77 / 64		80 / 67		86 / 72		90 / 75	
			TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
Four (4) Non-Ducted Indoor Units	9 + 12 + 12 + 12	14	33.33	1.70	35.40	1.76	37.47	1.83	38.96	1.85	41.61	1.88	43.68	1.92
		20	33.30	1.73	35.37	1.79	37.44	1.86	38.94	1.88	41.58	1.91	43.65	1.95
		25	33.28	1.75	35.35	1.82	37.41	1.88	38.91	1.90	41.55	1.94	43.61	1.98
		30	33.25	1.78	35.32	1.84	37.38	1.91	38.88	1.93	41.51	1.97	43.58	2.01
		35	33.23	1.80	35.29	1.87	37.36	1.93	38.85	1.96	41.48	1.99	43.55	2.03
		40	33.20	1.82	35.27	1.89	37.33	1.96	38.82	1.98	41.45	2.02	43.51	2.06
		45	33.18	1.85	35.24	1.92	37.30	1.99	38.79	2.01	41.42	2.05	43.48	2.09
		50	33.15	1.87	35.21	1.94	37.27	2.01	38.76	2.04	41.39	2.07	43.45	2.12
		55	33.13	1.90	35.18	1.97	37.24	2.04	38.73	2.06	41.36	2.10	43.41	2.14
		60	33.10	1.92	35.16	1.99	37.21	2.07	38.70	2.09	41.32	2.13	43.38	2.17
		65	33.08	1.95	35.13	2.02	37.18	2.09	38.67	2.12	41.29	2.16	43.35	2.20
		70	33.05	1.97	35.10	2.04	37.16	2.12	38.64	2.14	41.26	2.18	43.31	2.23
		75	32.26	2.08	34.30	2.15	36.35	2.23	37.83	2.26	40.45	2.30	42.49	2.35
		80	31.46	2.18	33.50	2.26	35.54	2.35	37.02	2.37	39.63	2.42	41.67	2.47
		85	30.67	2.29	32.71	2.37	34.75	2.46	36.22	2.49	38.82	2.54	40.86	2.59
		90	29.88	2.40	31.92	2.48	33.95	2.57	35.42	2.60	38.01	2.65	40.05	2.71
		95	29.03	2.50	31.05	2.59	33.07	2.69	**34.00**	**2.72**	37.12	2.77	39.14	2.83
		100	28.32	2.61	30.34	2.70	32.37	2.80	33.56	2.84	36.41	2.89	38.43	2.95
		105	27.61	2.72	29.64	2.81	31.66	2.92	33.12	2.95	35.70	3.01	37.73	3.07
		110	26.91	2.82	28.93	2.92	30.95	3.03	32.41	3.07	35.00	3.12	37.02	3.19
		115	26.20	2.93	28.22	3.04	30.24	3.15	31.71	3.18	34.29	3.24	36.31	3.31
		118	25.78	2.99	27.80	3.10	29.82	3.21	31.28	3.25	33.87	3.31	35.89	3.38
		122	25.63	3.08	27.66	3.19	29.68	3.31	31.14	3.34	33.72	3.41	35.75	3.48
	9 + 9 + 9 + 18	14	33.33	1.70	35.40	1.76	37.47	1.83	38.96	1.85	41.61	1.88	43.68	1.92
		20	33.30	1.73	35.37	1.79	37.44	1.86	38.94	1.88	41.58	1.91	43.65	1.95
		25	33.28	1.75	35.35	1.82	37.41	1.88	38.91	1.90	41.55	1.94	43.61	1.98
		30	33.25	1.78	35.32	1.84	37.38	1.91	38.88	1.93	41.51	1.97	43.58	2.01
		35	33.23	1.80	35.29	1.87	37.36	1.93	38.85	1.96	41.48	1.99	43.55	2.03
		40	33.20	1.82	35.27	1.89	37.33	1.96	38.82	1.98	41.45	2.02	43.51	2.06
		45	33.18	1.85	35.24	1.92	37.30	1.99	38.79	2.01	41.42	2.05	43.48	2.09
		50	33.15	1.87	35.21	1.94	37.27	2.01	38.76	2.04	41.39	2.07	43.45	2.12
		55	33.13	1.90	35.18	1.97	37.24	2.04	38.73	2.06	41.36	2.10	43.41	2.14
		60	33.10	1.92	35.16	1.99	37.21	2.07	38.70	2.09	41.32	2.13	43.38	2.17
		65	33.08	1.95	35.13	2.02	37.18	2.09	38.67	2.12	41.29	2.16	43.35	2.20
		70	33.05	1.97	35.10	2.04	37.16	2.12	38.64	2.14	41.26	2.18	43.31	2.23
		75	32.26	2.08	34.30	2.15	36.35	2.23	37.83	2.26	40.45	2.30	42.49	2.35
		80	31.46	2.18	33.50	2.26	35.54	2.35	37.02	2.37	39.63	2.42	41.67	2.47
		85	30.67	2.29	32.71	2.37	34.75	2.46	36.22	2.49	38.82	2.54	40.86	2.59
		90	29.88	2.40	31.92	2.48	33.95	2.57	35.42	2.60	38.01	2.65	40.05	2.71
		95	29.03	2.50	31.05	2.59	33.07	2.69	**34.00**	**2.72**	37.12	2.77	39.14	2.83
		100	28.32	2.61	30.34	2.70	32.37	2.80	33.56	2.84	36.41	2.89	38.43	2.95
		105	27.61	2.72	29.64	2.81	31.66	2.92	33.12	2.95	35.70	3.01	37.73	3.07
		110	26.91	2.82	28.93	2.92	30.95	3.03	32.41	3.07	35.00	3.12	37.02	3.19
		115	26.20	2.93	28.22	3.04	30.24	3.15	31.71	3.18	34.29	3.24	36.31	3.31
		118	25.78	2.99	27.80	3.10	29.82	3.21	31.28	3.25	33.87	3.31	35.89	3.38
		122	25.63	3.08	27.66	3.19	29.68	3.31	31.14	3.34	33.72	3.41	35.75	3.48

TC = Total Capacity (kBtu/h).

PI = Power Input (kW).

Nominal capacity as rated: 0 ft. above sea level with 25 ft. of refrigerant piping.
0 ft. level difference between outdoor and indoor units.

Nominal cooling capacity rating obtained with air entering the indoor unit at 80ºF dry bulb (DB) and 67ºF wet bulb (WB), and outdoor ambient conditions of 95ºF dry bulb (DB) and 75ºF wet bulb (WB).

The shaded table rows indicate reference data. When operating at this temperature, these values can be different if the system is not running consistently.

Due to our policy of continuous product innovation, some specifications may change without notification.
©LG Electronics U.S.A., Inc., Englewood Cliffs, NJ. All rights reserved. "LG" is a registered trademark of LG Corp.

Table 50: LMU369HV Cooling Capacity Table — Non-Ducted Indoor Units (continued).

Connected Indoor Units	Combination Capacity Index	Outdoor Air Temp. (°F DB)	Indoor Air Temp. °F DB / °F WB											
			68 / 57		73 / 61		77 / 64		80 / 67		86 / 72		90 / 75	
			TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
Four (4) Non-Ducted Indoor Units	9 + 9 + 12 + 18	14	33.33	1.70	35.40	1.76	37.47	1.83	38.96	1.85	41.61	1.88	43.68	1.92
		20	33.30	1.73	35.37	1.79	37.44	1.86	38.94	1.88	41.58	1.91	43.65	1.95
		25	33.28	1.75	35.35	1.82	37.41	1.88	38.91	1.90	41.55	1.94	43.61	1.98
		30	33.25	1.78	35.32	1.84	37.38	1.91	38.88	1.93	41.51	1.97	43.58	2.01
		35	33.23	1.80	35.29	1.87	37.36	1.93	38.85	1.96	41.48	1.99	43.55	2.03
		40	33.20	1.82	35.27	1.89	37.33	1.96	38.82	1.98	41.45	2.02	43.51	2.06
		45	33.18	1.85	35.24	1.92	37.30	1.99	38.79	2.01	41.42	2.05	43.48	2.09
		50	33.15	1.87	35.21	1.94	37.27	2.01	38.76	2.04	41.39	2.07	43.45	2.12
		55	33.13	1.90	35.18	1.97	37.24	2.04	38.73	2.06	41.36	2.10	43.41	2.14
		60	33.10	1.92	35.16	1.99	37.21	2.07	38.70	2.09	41.32	2.13	43.38	2.17
		65	33.08	1.95	35.13	2.02	37.18	2.09	38.67	2.12	41.29	2.16	43.35	2.20
		70	33.05	1.97	35.10	2.04	37.16	2.12	38.64	2.14	41.26	2.18	43.31	2.23
		75	32.26	2.08	34.30	2.15	36.35	2.23	37.83	2.26	40.45	2.30	42.49	2.35
		80	31.46	2.18	33.50	2.26	35.54	2.35	37.02	2.37	39.63	2.42	41.67	2.47
		85	30.67	2.29	32.71	2.37	34.75	2.46	36.22	2.49	38.82	2.54	40.86	2.59
		90	29.88	2.40	31.92	2.48	33.95	2.57	35.42	2.60	38.01	2.65	40.05	2.71
		95	29.03	2.50	31.05	2.59	33.07	2.69	**34.00**	**2.72**	37.12	2.77	39.14	2.83
		100	28.32	2.61	30.34	2.70	32.37	2.80	33.56	2.84	36.41	2.89	38.43	2.95
		105	27.61	2.72	29.64	2.81	31.66	2.92	33.12	2.95	35.70	3.01	37.73	3.07
		110	26.91	2.82	28.93	2.92	30.95	3.03	32.41	3.07	35.00	3.12	37.02	3.19
		115	26.20	2.93	28.22	3.04	30.24	3.15	31.71	3.18	34.29	3.24	36.31	3.31
		118	25.78	2.99	27.80	3.10	29.82	3.21	31.28	3.25	33.87	3.31	35.89	3.38
		122	25.63	3.08	27.66	3.19	29.68	3.31	31.14	3.34	33.72	3.41	35.75	3.48
	12 + 12 + 12 + 12	14	33.33	1.70	35.40	1.76	37.47	1.83	38.96	1.85	41.61	1.88	43.68	1.92
		20	33.30	1.73	35.37	1.79	37.44	1.86	38.94	1.88	41.58	1.91	43.65	1.95
		25	33.28	1.75	35.35	1.82	37.41	1.88	38.91	1.90	41.55	1.94	43.61	1.98
		30	33.25	1.78	35.32	1.84	37.38	1.91	38.88	1.93	41.51	1.97	43.58	2.01
		35	33.23	1.80	35.29	1.87	37.36	1.93	38.85	1.96	41.48	1.99	43.55	2.03
		40	33.20	1.82	35.27	1.89	37.33	1.96	38.82	1.98	41.45	2.02	43.51	2.06
		45	33.18	1.85	35.24	1.92	37.30	1.99	38.79	2.01	41.42	2.05	43.48	2.09
		50	33.15	1.87	35.21	1.94	37.27	2.01	38.76	2.04	41.39	2.07	43.45	2.12
		55	33.13	1.90	35.18	1.97	37.24	2.04	38.73	2.06	41.36	2.10	43.41	2.14
		60	33.10	1.92	35.16	1.99	37.21	2.07	38.70	2.09	41.32	2.13	43.38	2.17
		65	33.08	1.95	35.13	2.02	37.18	2.09	38.67	2.12	41.29	2.16	43.35	2.20
		70	33.05	1.97	35.10	2.04	37.16	2.12	38.64	2.14	41.26	2.18	43.31	2.23
		75	32.26	2.08	34.30	2.15	36.35	2.23	37.83	2.26	40.45	2.30	42.49	2.35
		80	31.46	2.18	33.50	2.26	35.54	2.35	37.02	2.37	39.63	2.42	41.67	2.47
		85	30.67	2.29	32.71	2.37	34.75	2.46	36.22	2.49	38.82	2.54	40.86	2.59
		90	29.88	2.40	31.92	2.48	33.95	2.57	35.42	2.60	38.01	2.65	40.05	2.71
		95	29.03	2.50	31.05	2.59	33.07	2.69	**34.00**	**2.72**	37.12	2.77	39.14	2.83
		100	28.32	2.61	30.34	2.70	32.37	2.80	33.56	2.84	36.41	2.89	38.43	2.95
		105	27.61	2.72	29.64	2.81	31.66	2.92	33.12	2.95	35.70	3.01	37.73	3.07
		110	26.91	2.82	28.93	2.92	30.95	3.03	32.41	3.07	35.00	3.12	37.02	3.19
		115	26.20	2.93	28.22	3.04	30.24	3.15	31.71	3.18	34.29	3.24	36.31	3.31
		118	25.78	2.99	27.80	3.10	29.82	3.21	31.28	3.25	33.87	3.31	35.89	3.38
		122	25.63	3.08	27.66	3.19	29.68	3.31	31.14	3.34	33.72	3.41	35.75	3.48

TC = Total Capacity (kBtu/h).

PI = Power Input (kW).

Nominal capacity as rated: 0 ft. above sea level with 25 ft. of refrigerant piping.
0 ft. level difference between outdoor and indoor units.

Nominal cooling capacity rating obtained with air entering the indoor unit at 80ºF dry bulb (DB) and 67ºF wet bulb (WB), and outdoor ambient conditions of 95ºF dry bulb (DB) and 75ºF wet bulb (WB).

The shaded table rows indicate reference data. When operating at this temperature, these values can be different if the system is not running consistently.

Due to our policy of continuous product innovation, some specifications may change without notification.
©LG Electronics U.S.A., Inc., Englewood Cliffs, NJ. All rights reserved. "LG" is a registered trademark of LG Corp.

PERFORMANCE DATA

Cooling Capacity Tables

Table 51: LMU369HV Cooling Capacity Table — Ducted Indoor Units

Connected Indoor Units	Combination Capacity Index	Outdoor Air Temp. (°F DB)	Indoor Air Temp. °F DB / °F WB											
			68 / 57		73 / 61		77 / 64		80 / 67		86 / 72		90 / 75	
			TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
Two (2) Ducted Indoor Units	9 + 9	14	17.65	1.24	18.74	1.28	19.84	1.33	20.63	1.35	22.03	1.37	23.12	1.40
		20	17.63	1.26	18.73	1.30	19.82	1.35	20.61	1.37	22.01	1.39	23.11	1.42
		25	17.62	1.27	18.71	1.32	19.81	1.37	20.60	1.39	22.00	1.41	23.09	1.44
		30	17.60	1.29	18.70	1.34	19.79	1.39	20.58	1.40	21.98	1.43	23.07	1.46
		35	17.59	1.31	18.68	1.36	19.78	1.41	20.57	1.42	21.96	1.45	23.05	1.48
		40	17.58	1.33	18.67	1.38	19.76	1.43	20.55	1.44	21.94	1.47	23.04	1.50
		45	17.56	1.35	18.66	1.40	19.75	1.45	20.53	1.46	21.93	1.49	23.02	1.52
		50	17.55	1.36	18.64	1.41	19.73	1.47	20.52	1.48	21.91	1.51	23.00	1.54
		55	17.54	1.38	18.63	1.43	19.72	1.48	20.50	1.50	21.89	1.53	22.98	1.56
		60	17.52	1.40	18.61	1.45	19.70	1.50	20.49	1.52	21.88	1.55	22.97	1.58
		65	17.51	1.42	18.60	1.47	19.69	1.52	20.47	1.54	21.86	1.57	22.95	1.60
		70	17.50	1.43	18.58	1.49	19.67	1.54	20.46	1.56	21.84	1.59	22.93	1.62
		75	17.08	1.51	18.16	1.57	19.24	1.62	20.03	1.64	21.41	1.67	22.50	1.71
		80	16.66	1.59	17.74	1.65	18.82	1.71	19.60	1.73	20.98	1.76	22.06	1.80
		85	16.24	1.67	17.32	1.73	18.40	1.79	19.17	1.81	20.55	1.85	21.63	1.88
		90	15.82	1.74	16.90	1.81	17.97	1.87	18.75	1.90	20.12	1.93	21.20	1.97
		95	15.37	1.82	16.44	1.89	17.51	1.96	**18.00**	**1.98**	19.65	2.02	20.72	2.06
		100	14.99	1.90	16.06	1.97	17.13	2.04	17.77	2.06	19.28	2.10	20.35	2.15
		105	14.62	1.98	15.69	2.05	16.76	2.12	17.53	2.15	18.90	2.19	19.97	2.23
		110	14.24	2.05	15.32	2.13	16.39	2.21	17.16	2.23	18.53	2.27	19.60	2.32
		115	13.87	2.13	14.94	2.21	16.01	2.29	16.79	2.32	18.15	2.36	19.22	2.41
		118	13.65	2.18	14.72	2.26	15.79	2.34	16.56	2.37	17.93	2.41	19.00	2.46
		122	13.57	2.24	14.64	2.32	15.71	2.41	16.49	2.43	17.85	2.48	18.92	2.53
	9 + 12	14	20.59	1.38	21.86	1.43	23.14	1.48	24.07	1.50	25.70	1.52	26.98	1.55
		20	20.57	1.40	21.85	1.45	23.13	1.50	24.05	1.52	25.68	1.55	26.96	1.58
		25	20.55	1.42	21.83	1.47	23.11	1.52	24.03	1.54	25.66	1.57	26.94	1.60
		30	20.54	1.44	21.81	1.49	23.09	1.54	24.01	1.56	25.64	1.59	26.92	1.62
		35	20.52	1.46	21.80	1.51	23.07	1.56	23.99	1.58	25.62	1.61	26.90	1.64
		40	20.51	1.48	21.78	1.53	23.05	1.59	23.97	1.60	25.60	1.63	26.88	1.67
		45	20.49	1.50	21.76	1.55	23.04	1.61	23.96	1.63	25.58	1.66	26.86	1.69
		50	20.48	1.52	21.75	1.57	23.02	1.63	23.94	1.65	25.56	1.68	26.83	1.71
		55	20.46	1.54	21.73	1.59	23.00	1.65	23.92	1.67	25.54	1.70	26.81	1.73
		60	20.44	1.55	21.71	1.61	22.98	1.67	23.90	1.69	25.52	1.72	26.79	1.76
		65	20.43	1.57	21.70	1.63	22.97	1.69	23.88	1.71	25.50	1.74	26.77	1.78
		70	20.41	1.59	21.68	1.65	22.95	1.71	23.86	1.73	25.48	1.77	26.75	1.80
		75	19.92	1.68	21.19	1.74	22.45	1.81	23.36	1.83	24.98	1.86	26.25	1.90
		80	19.43	1.77	20.69	1.83	21.95	1.90	22.87	1.92	24.48	1.96	25.74	1.99
		85	18.94	1.85	20.20	1.92	21.46	1.99	22.37	2.01	23.98	2.05	25.24	2.09
		90	18.46	1.94	19.71	2.01	20.97	2.08	21.87	2.11	23.48	2.15	24.73	2.19
		95	17.93	2.02	19.18	2.10	20.43	2.17	**21.00**	**2.20**	22.93	2.24	24.17	2.29
		100	17.49	2.11	18.74	2.19	19.99	2.27	20.73	2.29	22.49	2.34	23.74	2.38
		105	17.06	2.20	18.30	2.28	19.55	2.36	20.46	2.39	22.05	2.43	23.30	2.48
		110	16.62	2.28	17.87	2.37	19.12	2.45	20.02	2.48	21.62	2.53	22.86	2.58
		115	16.18	2.37	17.43	2.45	18.68	2.54	19.58	2.57	21.18	2.62	22.43	2.67
		118	15.92	2.42	17.17	2.51	18.42	2.60	19.32	2.63	20.92	2.68	22.17	2.73
		122	15.83	2.49	17.08	2.58	18.33	2.67	19.23	2.70	20.83	2.76	22.08	2.81

TC = Total Capacity (kBtu/h).

PI = Power Input (kW).

Nominal capacity as rated: 0 ft. above sea level with 25 ft. of refrigerant piping.
0 ft. level difference between outdoor and indoor units.

Nominal cooling capacity rating obtained with air entering the indoor unit at 80°F dry bulb (DB) and 67°F wet bulb (WB), and outdoor ambient conditions of 95°F dry bulb (DB) and 75°F wet bulb (WB).

The shaded table rows indicate reference data. When operating at this temperature, these values can be different if the system is not running consistently.

Due to our policy of continuous product innovation, some specifications may change without notification.
©LG Electronics U.S.A., Inc., Englewood Cliffs, NJ. All rights reserved. "LG" is a registered trademark of LG Corp.

Table 52: LMU369HV Cooling Capacity Table — Ducted Indoor Units (continued)

Connected Indoor Units	Combination Capacity Index	Outdoor Air Temp. (°F DB)	Indoor Air Temp. °F DB / °F WB											
			68 / 57		73 / 61		77 / 64		80 / 67		86 / 72		90 / 75	
			TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
Two (2) Ducted Indoor Units	12 + 12	14	23.53	1.51	24.99	1.57	26.45	1.63	27.50	1.65	29.37	1.68	30.83	1.71
		20	23.51	1.54	24.97	1.59	26.43	1.65	27.48	1.67	29.35	1.70	30.81	1.73
		25	23.49	1.56	24.95	1.61	26.41	1.67	27.46	1.69	29.33	1.72	30.79	1.76
		30	23.47	1.58	24.93	1.64	26.39	1.70	27.44	1.72	29.30	1.75	30.76	1.78
		35	23.46	1.60	24.91	1.66	26.37	1.72	27.42	1.74	29.28	1.77	30.74	1.81
		40	23.44	1.62	24.89	1.68	26.35	1.74	27.40	1.76	29.26	1.80	30.72	1.83
		45	23.42	1.64	24.87	1.71	26.33	1.77	27.38	1.79	29.24	1.82	30.69	1.86
		50	23.40	1.67	24.85	1.73	26.31	1.79	27.36	1.81	29.21	1.85	30.67	1.88
		55	23.38	1.69	24.84	1.75	26.29	1.81	27.34	1.83	29.19	1.87	30.64	1.91
		60	23.37	1.71	24.82	1.77	26.27	1.84	27.32	1.86	29.17	1.89	30.62	1.93
		65	23.35	1.73	24.80	1.80	26.25	1.86	27.29	1.88	29.15	1.92	30.60	1.96
		70	23.33	1.75	24.78	1.82	26.23	1.88	27.27	1.91	29.13	1.94	30.57	1.98
		75	22.77	1.85	24.21	1.92	25.66	1.99	26.70	2.01	28.55	2.05	29.99	2.09
		80	22.21	1.94	23.65	2.01	25.09	2.09	26.13	2.11	27.97	2.15	29.42	2.19
		85	21.65	2.04	23.09	2.11	24.53	2.19	25.57	2.21	27.40	2.26	28.84	2.30
		90	21.09	2.13	22.53	2.21	23.96	2.29	25.00	2.32	26.83	2.36	28.27	2.41
		95	20.49	2.23	21.92	2.31	23.35	2.39	**24.00**	**2.42**	26.20	2.47	27.63	2.51
		100	19.99	2.32	21.42	2.41	22.85	2.49	23.69	2.52	25.70	2.57	27.13	2.62
		105	19.49	2.42	20.92	2.50	22.35	2.60	23.38	2.63	25.20	2.67	26.63	2.73
		110	18.99	2.51	20.42	2.60	21.85	2.70	22.88	2.73	24.70	2.78	26.13	2.84
		115	18.49	2.61	19.92	2.70	21.35	2.80	22.38	2.83	24.20	2.88	25.63	2.94
		118	18.19	2.66	19.62	2.76	21.05	2.86	22.08	2.89	23.90	2.95	25.33	3.01
		122	18.10	2.74	19.52	2.84	20.95	2.94	21.98	2.98	23.81	3.03	25.23	3.09
	9 + 18	14	26.47	1.58	28.11	1.64	29.76	1.70	30.94	1.72	33.04	1.75	34.69	1.79
		20	26.45	1.61	28.09	1.66	29.73	1.73	30.92	1.75	33.02	1.78	34.66	1.81
		25	26.43	1.63	28.07	1.69	29.71	1.75	30.90	1.77	32.99	1.80	34.63	1.84
		30	26.41	1.65	28.05	1.71	29.69	1.77	30.87	1.79	32.97	1.83	34.61	1.87
		35	26.39	1.67	28.03	1.74	29.66	1.80	30.85	1.82	32.94	1.85	34.58	1.89
		40	26.37	1.70	28.00	1.76	29.64	1.82	30.82	1.84	32.92	1.88	34.55	1.92
		45	26.35	1.72	27.98	1.78	29.62	1.85	30.80	1.87	32.89	1.90	34.53	1.94
		50	26.33	1.74	27.96	1.81	29.60	1.87	30.78	1.89	32.87	1.93	34.50	1.97
		55	26.31	1.77	27.94	1.83	29.57	1.90	30.75	1.92	32.84	1.95	34.48	1.99
		60	26.29	1.79	27.92	1.85	29.55	1.92	30.73	1.94	32.82	1.98	34.45	2.02
		65	26.27	1.81	27.90	1.88	29.53	1.95	30.71	1.97	32.79	2.00	34.42	2.04
		70	26.25	1.83	27.88	1.90	29.51	1.97	30.68	1.99	32.77	2.03	34.40	2.07
		75	25.61	1.93	27.24	2.00	28.87	2.08	30.04	2.10	32.12	2.14	33.74	2.18
		80	24.98	2.03	26.60	2.11	28.23	2.18	29.40	2.21	31.47	2.25	33.09	2.29
		85	24.36	2.13	25.97	2.21	27.59	2.29	28.76	2.32	30.83	2.36	32.45	2.41
		90	23.73	2.23	25.34	2.31	26.96	2.39	28.12	2.42	30.19	2.47	31.80	2.52
		95	23.05	2.33	24.66	2.41	26.26	2.50	**27.00**	**2.53**	29.48	2.58	31.08	2.63
		100	22.49	2.43	24.10	2.52	25.70	2.61	26.65	2.64	28.91	2.69	30.52	2.74
		105	21.93	2.53	23.53	2.62	25.14	2.71	26.30	2.74	28.35	2.80	29.96	2.85
		110	21.37	2.62	22.97	2.72	24.58	2.82	25.74	2.85	27.79	2.91	29.40	2.96
		115	20.81	2.72	22.41	2.82	24.02	2.93	25.18	2.96	27.23	3.02	28.84	3.08
		118	20.47	2.78	22.08	2.88	23.68	2.99	24.84	3.02	26.89	3.08	28.50	3.14
		122	20.36	2.86	21.96	2.97	23.57	3.08	24.73	3.11	26.78	3.17	28.39	3.23

TC = Total Capacity (kBtu/h).

PI = Power Input (kW).

Nominal capacity as rated: 0 ft. above sea level with 25 ft. of refrigerant piping.
0 ft. level difference between outdoor and indoor units.

Nominal cooling capacity rating obtained with air entering the indoor unit at 80ºF dry bulb (DB) and 67ºF wet bulb (WB), and outdoor ambient conditions of 95ºF dry bulb (DB) and 75ºF wet bulb (WB).

The shaded table rows indicate reference data. When operating at this temperature, these values can be different if the system is not running consistently.

Due to our policy of continuous product innovation, some specifications may change without notification.
©LG Electronics U.S.A., Inc., Englewood Cliffs, NJ. All rights reserved. "LG" is a registered trademark of LG Corp.

PERFORMANCE DATA

Cooling Capacity Tables

Table 53: LMU369HV Cooling Capacity Table — Ducted Indoor Units (continued)

Connected Indoor Units	Combination Capacity Index	Outdoor Air Temp. (°F DB)	Indoor Air Temp. °F DB / °F WB											
			68 / 57		73 / 61		77 / 64		80 / 67		86 / 72		90 / 75	
			TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
Two (2) Ducted Indoor Units	12 + 18	14	29.41	1.70	31.24	1.76	33.06	1.82	34.38	1.84	36.71	1.88	38.54	1.92
		20	29.39	1.72	31.21	1.78	33.04	1.85	34.35	1.87	36.69	1.90	38.51	1.94
		25	29.36	1.74	31.19	1.81	33.01	1.87	34.33	1.90	36.66	1.93	38.48	1.97
		30	29.34	1.77	31.16	1.83	32.99	1.90	34.30	1.92	36.63	1.96	38.45	2.00
		35	29.32	1.79	31.14	1.86	32.96	1.93	34.28	1.95	36.60	1.99	38.42	2.03
		40	29.30	1.82	31.12	1.88	32.94	1.95	34.25	1.98	36.57	2.01	38.39	2.05
		45	29.27	1.84	31.09	1.91	32.91	1.98	34.22	2.00	36.55	2.04	38.36	2.08
		50	29.25	1.87	31.07	1.93	32.89	2.01	34.20	2.03	36.52	2.07	38.34	2.11
		55	29.23	1.89	31.04	1.96	32.86	2.03	34.17	2.05	36.49	2.09	38.31	2.14
		60	29.21	1.92	31.02	1.99	32.83	2.06	34.14	2.08	36.46	2.12	38.28	2.16
		65	29.18	1.94	31.00	2.01	32.81	2.08	34.12	2.11	36.43	2.15	38.25	2.19
		70	29.16	1.96	30.97	2.04	32.78	2.11	34.09	2.13	36.41	2.17	38.22	2.22
		75	28.46	2.07	30.27	2.15	32.07	2.22	33.38	2.25	35.69	2.29	37.49	2.34
		80	27.76	2.18	29.56	2.26	31.36	2.34	32.66	2.36	34.97	2.41	36.77	2.46
		85	27.06	2.28	28.86	2.37	30.66	2.45	31.96	2.48	34.25	2.53	36.05	2.58
		90	26.37	2.39	28.16	2.47	29.95	2.57	31.25	2.59	33.54	2.64	35.33	2.70
		95	25.61	2.49	27.40	2.58	29.18	2.68	**30.00**	**2.71**	32.75	2.76	34.53	2.82
		100	24.99	2.60	26.77	2.69	28.56	2.79	29.61	2.83	32.13	2.88	33.91	2.94
		105	24.37	2.71	26.15	2.80	27.93	2.91	29.22	2.94	31.50	3.00	33.29	3.06
		110	23.74	2.81	25.53	2.91	27.31	3.02	28.60	3.06	30.88	3.11	32.66	3.18
		115	23.12	2.92	24.90	3.02	26.69	3.13	27.98	3.17	30.26	3.23	32.04	3.29
		118	22.74	2.98	24.53	3.09	26.31	3.20	27.60	3.24	29.88	3.30	31.67	3.37
		122	22.62	3.07	24.40	3.18	26.19	3.29	27.48	3.33	29.76	3.39	31.54	3.46
	18 + 18	14	32.35	1.88	34.36	1.95	36.37	2.02	37.82	2.04	40.39	2.08	42.40	2.12
		20	32.33	1.90	34.33	1.97	36.34	2.05	37.79	2.07	40.36	2.11	42.36	2.15
		25	32.30	1.93	34.31	2.00	36.31	2.07	37.76	2.10	40.32	2.14	42.33	2.18
		30	32.28	1.96	34.28	2.03	36.28	2.10	37.73	2.13	40.29	2.17	42.30	2.21
		35	32.25	1.99	34.25	2.06	36.26	2.13	37.70	2.16	40.26	2.20	42.27	2.24
		40	32.23	2.01	34.23	2.09	36.23	2.16	37.67	2.19	40.23	2.23	42.23	2.27
		45	32.20	2.04	34.20	2.11	36.20	2.19	37.65	2.22	40.20	2.26	42.20	2.30
		50	32.18	2.07	34.18	2.14	36.17	2.22	37.62	2.25	40.17	2.29	42.17	2.33
		55	32.15	2.09	34.15	2.17	36.15	2.25	37.59	2.27	40.14	2.32	42.14	2.36
		60	32.13	2.12	34.12	2.20	36.12	2.28	37.56	2.30	40.11	2.35	42.10	2.39
		65	32.10	2.15	34.10	2.23	36.09	2.31	37.53	2.33	40.08	2.38	42.07	2.42
		70	32.08	2.17	34.07	2.25	36.06	2.34	37.50	2.36	40.05	2.41	42.04	2.46
		75	31.31	2.29	33.29	2.38	35.28	2.46	36.72	2.49	39.26	2.54	41.24	2.59
		80	30.53	2.41	32.52	2.50	34.50	2.59	35.93	2.62	38.46	2.67	40.45	2.72
		85	29.77	2.53	31.75	2.62	33.72	2.71	35.15	2.75	37.68	2.80	39.66	2.85
		90	29.00	2.64	30.98	2.74	32.95	2.84	34.37	2.87	36.89	2.93	38.87	2.99
		95	28.17	2.76	30.14	2.86	32.10	2.97	**33.00**	**3.00**	36.03	3.06	37.99	3.12
		100	27.49	2.88	29.45	2.98	31.41	3.09	32.57	3.13	35.34	3.19	37.30	3.25
		105	26.80	3.00	28.76	3.10	30.73	3.22	32.14	3.25	34.65	3.32	36.62	3.38
		110	26.12	3.11	28.08	3.23	30.04	3.34	31.46	3.38	33.97	3.45	35.93	3.52
		115	25.43	3.23	27.39	3.35	29.36	3.47	30.77	3.51	33.28	3.58	35.24	3.65
		118	25.02	3.30	26.98	3.42	28.94	3.55	30.36	3.59	32.87	3.65	34.83	3.73
		122	24.88	3.39	26.84	3.52	28.81	3.65	30.22	3.69	32.73	3.76	34.69	3.83

TC = Total Capacity (kBtu/h).

PI = Power Input (kW).

Nominal capacity as rated: 0 ft. above sea level with 25 ft. of refrigerant piping.
0 ft. level difference between outdoor and indoor units.

Nominal cooling capacity rating obtained with air entering the indoor unit at 80ºF dry bulb (DB) and 67ºF wet bulb (WB), and outdoor ambient conditions of 95ºF dry bulb (DB) and 75ºF wet bulb (WB).

The shaded table rows indicate reference data. When operating at this temperature, these values can be different if the system is not running consistently.

Due to our policy of continuous product innovation, some specifications may change without notification.
©LG Electronics U.S.A., Inc., Englewood Cliffs, NJ. All rights reserved. "LG" is a registered trademark of LG Corp.

PERFORMANCE DATA

Cooling Capacity Tables

Table 54: LMU369HV Cooling Capacity Table — Ducted Indoor Units (continued).

Connected Indoor Units	Combination Capacity Index	Outdoor Air Temp. (°F DB)	Indoor Air Temp. °F DB / °F WB											
			68 / 57		73 / 61		77 / 64		80 / 67		86 / 72		90 / 75	
			TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
Two (2) Ducted Indoor Units	24 + 9	14	32.35	1.88	34.36	1.95	36.37	2.02	37.82	2.04	40.39	2.08	42.40	2.12
		20	32.33	1.90	34.33	1.97	36.34	2.05	37.79	2.07	40.36	2.11	42.36	2.15
		25	32.30	1.93	34.31	2.00	36.31	2.07	37.76	2.10	40.32	2.14	42.33	2.18
		30	32.28	1.96	34.28	2.03	36.28	2.10	37.73	2.13	40.29	2.17	42.30	2.21
		35	32.25	1.99	34.25	2.06	36.26	2.13	37.70	2.16	40.26	2.20	42.27	2.24
		40	32.23	2.01	34.23	2.09	36.23	2.16	37.67	2.19	40.23	2.23	42.23	2.27
		45	32.20	2.04	34.20	2.11	36.20	2.19	37.65	2.22	40.20	2.26	42.20	2.30
		50	32.18	2.07	34.18	2.14	36.17	2.22	37.62	2.25	40.17	2.29	42.17	2.33
		55	32.15	2.09	34.15	2.17	36.15	2.25	37.59	2.27	40.14	2.32	42.14	2.36
		60	32.13	2.12	34.12	2.20	36.12	2.28	37.56	2.30	40.11	2.35	42.10	2.39
		65	32.10	2.15	34.10	2.23	36.09	2.31	37.53	2.33	40.08	2.38	42.07	2.42
		70	32.08	2.17	34.07	2.25	36.06	2.34	37.50	2.36	40.05	2.41	42.04	2.46
		75	31.31	2.29	33.29	2.38	35.28	2.46	36.72	2.49	39.26	2.54	41.24	2.59
		80	30.53	2.41	32.52	2.50	34.50	2.59	35.93	2.62	38.46	2.67	40.45	2.72
		85	29.77	2.53	31.75	2.62	33.72	2.71	35.15	2.75	37.68	2.80	39.66	2.85
		90	29.00	2.64	30.98	2.74	32.95	2.84	34.37	2.87	36.89	2.93	38.87	2.99
		95	28.17	2.76	30.14	2.86	32.10	2.97	**33.00**	**3.00**	36.03	3.06	37.99	3.12
		100	27.49	2.88	29.45	2.98	31.41	3.09	32.57	3.13	35.34	3.19	37.30	3.25
		105	26.80	3.00	28.76	3.10	30.73	3.22	32.14	3.25	34.65	3.32	36.62	3.38
		110	26.12	3.11	28.08	3.23	30.04	3.34	31.46	3.38	33.97	3.45	35.93	3.52
		115	25.43	3.23	27.39	3.35	29.36	3.47	30.77	3.51	33.28	3.58	35.24	3.65
		118	25.02	3.30	26.98	3.42	28.94	3.55	30.36	3.59	32.87	3.65	34.83	3.73
		122	24.88	3.39	26.84	3.52	28.81	3.65	30.22	3.69	32.73	3.76	34.69	3.83
	24 + 12	14	32.35	1.88	34.36	1.95	36.37	2.02	37.82	2.04	40.39	2.08	42.40	2.12
		20	32.33	1.90	34.33	1.97	36.34	2.05	37.79	2.07	40.36	2.11	42.36	2.15
		25	32.30	1.93	34.31	2.00	36.31	2.07	37.76	2.10	40.32	2.14	42.33	2.18
		30	32.28	1.96	34.28	2.03	36.28	2.10	37.73	2.13	40.29	2.17	42.30	2.21
		35	32.25	1.99	34.25	2.06	36.26	2.13	37.70	2.16	40.26	2.20	42.27	2.24
		40	32.23	2.01	34.23	2.09	36.23	2.16	37.67	2.19	40.23	2.23	42.23	2.27
		45	32.20	2.04	34.20	2.11	36.20	2.19	37.65	2.22	40.20	2.26	42.20	2.30
		50	32.18	2.07	34.18	2.14	36.17	2.22	37.62	2.25	40.17	2.29	42.17	2.33
		55	32.15	2.09	34.15	2.17	36.15	2.25	37.59	2.27	40.14	2.32	42.14	2.36
		60	32.13	2.12	34.12	2.20	36.12	2.28	37.56	2.30	40.11	2.35	42.10	2.39
		65	32.10	2.15	34.10	2.23	36.09	2.31	37.53	2.33	40.08	2.38	42.07	2.42
		70	32.08	2.17	34.07	2.25	36.06	2.34	37.50	2.36	40.05	2.41	42.04	2.46
		75	31.31	2.29	33.29	2.38	35.28	2.46	36.72	2.49	39.26	2.54	41.24	2.59
		80	30.53	2.41	32.52	2.50	34.50	2.59	35.93	2.62	38.46	2.67	40.45	2.72
		85	29.77	2.53	31.75	2.62	33.72	2.71	35.15	2.75	37.68	2.80	39.66	2.85
		90	29.00	2.64	30.98	2.74	32.95	2.84	34.37	2.87	36.89	2.93	38.87	2.99
		95	28.17	2.76	30.14	2.86	32.10	2.97	**33.00**	**3.00**	36.03	3.06	37.99	3.12
		100	27.49	2.88	29.45	2.98	31.41	3.09	32.57	3.13	35.34	3.19	37.30	3.25
		105	26.80	3.00	28.76	3.10	30.73	3.22	32.14	3.25	34.65	3.32	36.62	3.38
		110	26.12	3.11	28.08	3.23	30.04	3.34	31.46	3.38	33.97	3.45	35.93	3.52
		115	25.43	3.23	27.39	3.35	29.36	3.47	30.77	3.51	33.28	3.58	35.24	3.65
		118	25.02	3.30	26.98	3.42	28.94	3.55	30.36	3.59	32.87	3.65	34.83	3.73
		122	24.88	3.39	26.84	3.52	28.81	3.65	30.22	3.69	32.73	3.76	34.69	3.83

TC = Total Capacity (kBtu/h).

PI = Power Input (kW).

Nominal capacity as rated: 0 ft. above sea level with 25 ft. of refrigerant piping.
0 ft. level difference between outdoor and indoor units.

Nominal cooling capacity rating obtained with air entering the indoor unit at 80°F dry bulb (DB) and 67°F wet bulb (WB), and outdoor ambient conditions of 95°F dry bulb (DB) and 75°F wet bulb (WB).

The shaded table rows indicate reference data. When operating at this temperature, these values can be different if the system is not running consistently.

Due to our policy of continuous product innovation, some specifications may change without notification.
©LG Electronics U.S.A., Inc., Englewood Cliffs, NJ. All rights reserved. "LG" is a registered trademark of LG Corp.

PERFORMANCE DATA

Cooling Capacity Tables

Table 55: LMU369HV Cooling Capacity Table — Ducted Indoor Units (continued).

Connected Indoor Units	Combination Capacity Index	Outdoor Air Temp. (°F DB)	Indoor Air Temp. °F DB / °F WB											
			68 / 57		73 / 61		77 / 64		80 / 67		86 / 72		90 / 75	
			TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
Three (3) Ducted Indoor Units	9 + 9 + 9	14	26.47	1.58	28.11	1.64	29.76	1.70	30.94	1.72	33.04	1.75	34.69	1.79
		20	26.45	1.61	28.09	1.66	29.73	1.73	30.92	1.75	33.02	1.78	34.66	1.81
		25	26.43	1.63	28.07	1.69	29.71	1.75	30.90	1.77	32.99	1.80	34.63	1.84
		30	26.41	1.65	28.05	1.71	29.69	1.77	30.87	1.79	32.97	1.83	34.61	1.87
		35	26.39	1.67	28.03	1.74	29.66	1.80	30.85	1.82	32.94	1.85	34.58	1.89
		40	26.37	1.70	28.00	1.76	29.64	1.82	30.82	1.84	32.92	1.88	34.55	1.92
		45	26.35	1.72	27.98	1.78	29.62	1.85	30.80	1.87	32.89	1.90	34.53	1.94
		50	26.33	1.74	27.96	1.81	29.60	1.87	30.78	1.89	32.87	1.93	34.50	1.97
		55	26.31	1.77	27.94	1.83	29.57	1.90	30.75	1.92	32.84	1.95	34.48	1.99
		60	26.29	1.79	27.92	1.85	29.55	1.92	30.73	1.94	32.82	1.98	34.45	2.02
		65	26.27	1.81	27.90	1.88	29.53	1.95	30.71	1.97	32.79	2.00	34.42	2.04
		70	26.25	1.83	27.88	1.90	29.51	1.97	30.68	1.99	32.77	2.03	34.40	2.07
		75	25.61	1.93	27.24	2.00	28.87	2.08	30.04	2.10	32.12	2.14	33.74	2.18
		80	24.98	2.03	26.60	2.11	28.23	2.18	29.40	2.21	31.47	2.25	33.09	2.29
		85	24.36	2.13	25.97	2.21	27.59	2.29	28.76	2.32	30.83	2.36	32.45	2.41
		90	23.73	2.23	25.34	2.31	26.96	2.39	28.12	2.42	30.19	2.47	31.80	2.52
		95	23.05	2.33	24.66	2.41	26.26	2.50	**27.00**	**2.53**	29.48	2.58	31.08	2.63
		100	22.49	2.43	24.10	2.52	25.70	2.61	26.65	2.64	28.91	2.69	30.52	2.74
		105	21.93	2.53	23.53	2.62	25.14	2.71	26.30	2.74	28.35	2.80	29.96	2.85
		110	21.37	2.62	22.97	2.72	24.58	2.82	25.74	2.85	27.79	2.91	29.40	2.96
		115	20.81	2.72	22.41	2.82	24.02	2.93	25.18	2.96	27.23	3.02	28.84	3.08
		118	20.47	2.78	22.08	2.88	23.68	2.99	24.84	3.02	26.89	3.08	28.50	3.14
		122	20.36	2.86	21.96	2.97	23.57	3.08	24.73	3.11	26.78	3.17	28.39	3.23
	9 + 9 + 12	14	29.41	1.70	31.24	1.76	33.06	1.82	34.38	1.84	36.71	1.88	38.54	1.92
		20	29.39	1.72	31.21	1.78	33.04	1.85	34.35	1.87	36.69	1.90	38.51	1.94
		25	29.36	1.74	31.19	1.81	33.01	1.87	34.33	1.90	36.66	1.93	38.48	1.97
		30	29.34	1.77	31.16	1.83	32.99	1.90	34.30	1.92	36.63	1.96	38.45	2.00
		35	29.32	1.79	31.14	1.86	32.96	1.93	34.28	1.95	36.60	1.99	38.42	2.03
		40	29.30	1.82	31.12	1.88	32.94	1.95	34.25	1.98	36.57	2.01	38.39	2.05
		45	29.27	1.84	31.09	1.91	32.91	1.98	34.22	2.00	36.55	2.04	38.36	2.08
		50	29.25	1.87	31.07	1.93	32.89	2.01	34.20	2.03	36.52	2.07	38.34	2.11
		55	29.23	1.89	31.04	1.96	32.86	2.03	34.17	2.05	36.49	2.09	38.31	2.14
		60	29.21	1.92	31.02	1.99	32.83	2.06	34.14	2.08	36.46	2.12	38.28	2.16
		65	29.18	1.94	31.00	2.01	32.81	2.08	34.12	2.11	36.43	2.15	38.25	2.19
		70	29.16	1.96	30.97	2.04	32.78	2.11	34.09	2.13	36.41	2.17	38.22	2.22
		75	28.46	2.07	30.27	2.15	32.07	2.22	33.38	2.25	35.69	2.29	37.49	2.34
		80	27.76	2.18	29.56	2.26	31.36	2.34	32.66	2.36	34.97	2.41	36.77	2.46
		85	27.06	2.28	28.86	2.37	30.66	2.45	31.96	2.48	34.25	2.53	36.05	2.58
		90	26.37	2.39	28.16	2.47	29.95	2.57	31.25	2.59	33.54	2.64	35.33	2.70
		95	25.61	2.49	27.40	2.58	29.18	2.68	**30.00**	**2.71**	32.75	2.76	34.53	2.82
		100	24.99	2.60	26.77	2.69	28.56	2.79	29.61	2.83	32.13	2.88	33.91	2.94
		105	24.37	2.71	26.15	2.80	27.93	2.91	29.22	2.94	31.50	3.00	33.29	3.06
		110	23.74	2.81	25.53	2.91	27.31	3.02	28.60	3.06	30.88	3.11	32.66	3.18
		115	23.12	2.92	24.90	3.02	26.69	3.13	27.98	3.17	30.26	3.23	32.04	3.29
		118	22.74	2.98	24.53	3.09	26.31	3.20	27.60	3.24	29.88	3.30	31.67	3.37
		122	22.62	3.07	24.40	3.18	26.19	3.29	27.48	3.33	29.76	3.39	31.54	3.46

TC = Total Capacity (kBtu/h).

PI = Power Input (kW).

Nominal capacity as rated: 0 ft. above sea level with 25 ft. of refrigerant piping.
0 ft. level difference between outdoor and indoor units.

Nominal cooling capacity rating obtained with air entering the indoor unit at 80°F dry bulb (DB) and 67°F wet bulb (WB), and outdoor ambient conditions of 95°F dry bulb (DB) and 75°F wet bulb (WB).

The shaded table rows indicate reference data. When operating at this temperature, these values can be different if the system is not running consistently.

Due to our policy of continuous product innovation, some specifications may change without notification.
©LG Electronics U.S.A., Inc., Englewood Cliffs, NJ. All rights reserved. "LG" is a registered trademark of LG Corp.

Table 56: LMU369HV Cooling Capacity Table — Ducted Indoor Units (continued).

Connected Indoor Units	Combination Capacity Index	Outdoor Air Temp. (°F DB)	Indoor Air Temp. °F DB / °F WB											
			68 / 57		73 / 61		77 / 64		80 / 67		86 / 72		90 / 75	
			TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
Three (3) Ducted Indoor Units	9 + 12 + 12	14	32.35	1.79	34.36	1.86	36.37	1.92	37.82	1.95	40.39	1.98	42.40	2.02
		20	32.33	1.82	34.33	1.88	36.34	1.95	37.79	1.97	40.36	2.01	42.36	2.05
		25	32.30	1.84	34.31	1.91	36.31	1.98	37.76	2.00	40.32	2.04	42.33	2.08
		30	32.28	1.87	34.28	1.94	36.28	2.01	37.73	2.03	40.29	2.07	42.30	2.11
		35	32.25	1.89	34.25	1.96	36.26	2.03	37.70	2.06	40.26	2.10	42.27	2.14
		40	32.23	1.92	34.23	1.99	36.23	2.06	37.67	2.08	40.23	2.12	42.23	2.17
		45	32.20	1.94	34.20	2.02	36.20	2.09	37.65	2.11	40.20	2.15	42.20	2.20
		50	32.18	1.97	34.18	2.04	36.17	2.12	37.62	2.14	40.17	2.18	42.17	2.22
		55	32.15	2.00	34.15	2.07	36.15	2.14	37.59	2.17	40.14	2.21	42.14	2.25
		60	32.13	2.02	34.12	2.10	36.12	2.17	37.56	2.20	40.11	2.24	42.10	2.28
		65	32.10	2.05	34.10	2.12	36.09	2.20	37.53	2.22	40.08	2.27	42.07	2.31
		70	32.08	2.07	34.07	2.15	36.06	2.23	37.50	2.25	40.05	2.29	42.04	2.34
		75	31.31	2.18	33.29	2.26	35.28	2.35	36.72	2.37	39.26	2.42	41.24	2.47
		80	30.53	2.30	32.52	2.38	34.50	2.47	35.93	2.50	38.46	2.54	40.45	2.59
		85	29.77	2.41	31.75	2.50	33.72	2.59	35.15	2.62	37.68	2.67	39.66	2.72
		90	29.00	2.52	30.98	2.61	32.95	2.71	34.37	2.74	36.89	2.79	38.87	2.85
		95	28.17	2.63	30.14	2.73	32.10	2.83	**33.00**	**2.86**	36.03	2.91	37.99	2.97
		100	27.49	2.74	29.45	2.84	31.41	2.95	32.57	2.98	35.34	3.04	37.30	3.10
		105	26.80	2.86	28.76	2.96	30.73	3.07	32.14	3.10	34.65	3.16	36.62	3.22
		110	26.12	2.97	28.08	3.08	30.04	3.19	31.46	3.22	33.97	3.28	35.93	3.35
		115	25.43	3.08	27.39	3.19	29.36	3.31	30.77	3.35	33.28	3.41	35.24	3.48
		118	25.02	3.15	26.98	3.26	28.94	3.38	30.36	3.42	32.87	3.48	34.83	3.55
		122	24.88	3.24	26.84	3.35	28.81	3.48	30.22	3.52	32.73	3.58	34.69	3.65
	12 + 12 + 12	14	33.33	1.78	35.40	1.84	37.47	1.91	38.96	1.93	41.61	1.97	43.68	2.01
		20	33.30	1.80	35.37	1.87	37.44	1.94	38.94	1.96	41.58	2.00	43.65	2.04
		25	33.28	1.83	35.35	1.90	37.41	1.96	38.91	1.99	41.55	2.02	43.61	2.06
		30	33.25	1.85	35.32	1.92	37.38	1.99	38.88	2.01	41.51	2.05	43.58	2.09
		35	33.23	1.88	35.29	1.95	37.36	2.02	38.85	2.04	41.48	2.08	43.55	2.12
		40	33.20	1.90	35.27	1.97	37.33	2.05	38.82	2.07	41.45	2.11	43.51	2.15
		45	33.18	1.93	35.24	2.00	37.30	2.07	38.79	2.10	41.42	2.14	43.48	2.18
		50	33.15	1.96	35.21	2.03	37.27	2.10	38.76	2.13	41.39	2.17	43.45	2.21
		55	33.13	1.98	35.18	2.05	37.24	2.13	38.73	2.15	41.36	2.19	43.41	2.24
		60	33.10	2.01	35.16	2.08	37.21	2.16	38.70	2.18	41.32	2.22	43.38	2.27
		65	33.08	2.03	35.13	2.11	37.18	2.18	38.67	2.21	41.29	2.25	43.35	2.30
		70	33.05	2.06	35.10	2.13	37.16	2.21	38.64	2.24	41.26	2.28	43.31	2.32
		75	32.26	2.17	34.30	2.25	36.35	2.33	37.83	2.36	40.45	2.40	42.49	2.45
		80	31.46	2.28	33.50	2.36	35.54	2.45	37.02	2.48	39.63	2.52	41.67	2.58
		85	30.67	2.39	32.71	2.48	34.75	2.57	36.22	2.60	38.82	2.65	40.86	2.70
		90	29.88	2.50	31.92	2.59	33.95	2.69	35.42	2.72	38.01	2.77	40.05	2.83
		95	29.03	2.61	31.05	2.71	33.07	2.81	**34.00**	**2.84**	37.12	2.89	39.14	2.95
		100	28.32	2.72	30.34	2.82	32.37	2.93	33.56	2.96	36.41	3.02	38.43	3.08
		105	27.61	2.84	29.64	2.94	31.66	3.05	33.12	3.08	35.70	3.14	37.73	3.20
		110	26.91	2.95	28.93	3.05	30.95	3.17	32.41	3.20	35.00	3.26	37.02	3.33
		115	26.20	3.06	28.22	3.17	30.24	3.28	31.71	3.32	34.29	3.38	36.31	3.45
		118	25.78	3.12	27.80	3.24	29.82	3.36	31.28	3.40	33.87	3.46	35.89	3.53
		122	25.63	3.21	27.66	3.33	29.68	3.45	31.14	3.49	33.72	3.56	35.75	3.63

TC = Total Capacity (kBtu/h).

PI = Power Input (kW).

Nominal capacity as rated: 0 ft. above sea level with 25 ft. of refrigerant piping.
0 ft. level difference between outdoor and indoor units.

Nominal cooling capacity rating obtained with air entering the indoor unit at 80ºF dry bulb (DB) and 67ºF wet bulb (WB), and outdoor ambient conditions of 95ºF dry bulb (DB) and 75ºF wet bulb (WB).

The shaded table rows indicate reference data. When operating at this temperature, these values can be different if the system is not running consistently.

Due to our policy of continuous product innovation, some specifications may change without notification.
©LG Electronics U.S.A., Inc., Englewood Cliffs, NJ. All rights reserved. "LG" is a registered trademark of LG Corp.

PERFORMANCE DATA

Cooling Capacity Tables

Table 57: LMU369HV Cooling Capacity Table — Ducted Indoor Units (continued).

Connected Indoor Units	Combination Capacity Index	Outdoor Air Temp. (°F DB)	Indoor Air Temp. °F DB / °F WB											
			68 / 57		73 / 61		77 / 64		80 / 67		86 / 72		90 / 75	
			TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
Three (3) Ducted Indoor Units	9 + 9 + 18	14	33.33	1.78	35.40	1.84	37.47	1.91	38.96	1.93	41.61	1.97	43.68	2.01
		20	33.30	1.80	35.37	1.87	37.44	1.94	38.94	1.96	41.58	2.00	43.65	2.04
		25	33.28	1.83	35.35	1.90	37.41	1.96	38.91	1.99	41.55	2.02	43.61	2.06
		30	33.25	1.85	35.32	1.92	37.38	1.99	38.88	2.01	41.51	2.05	43.58	2.09
		35	33.23	1.88	35.29	1.95	37.36	2.02	38.85	2.04	41.48	2.08	43.55	2.12
		40	33.20	1.90	35.27	1.97	37.33	2.05	38.82	2.07	41.45	2.11	43.51	2.15
		45	33.18	1.93	35.24	2.00	37.30	2.07	38.79	2.10	41.42	2.14	43.48	2.18
		50	33.15	1.96	35.21	2.03	37.27	2.10	38.76	2.13	41.39	2.17	43.45	2.21
		55	33.13	1.98	35.18	2.05	37.24	2.13	38.73	2.15	41.36	2.19	43.41	2.24
		60	33.10	2.01	35.16	2.08	37.21	2.16	38.70	2.18	41.32	2.22	43.38	2.27
		65	33.08	2.03	35.13	2.11	37.18	2.18	38.67	2.21	41.29	2.25	43.35	2.30
		70	33.05	2.06	35.10	2.13	37.16	2.21	38.64	2.24	41.26	2.28	43.31	2.32
		75	32.26	2.17	34.30	2.25	36.35	2.33	37.83	2.36	40.45	2.40	42.49	2.45
		80	31.46	2.28	33.50	2.36	35.54	2.45	37.02	2.48	39.63	2.52	41.67	2.58
		85	30.67	2.39	32.71	2.48	34.75	2.57	36.22	2.60	38.82	2.65	40.86	2.70
		90	29.88	2.50	31.92	2.59	33.95	2.69	35.42	2.72	38.01	2.77	40.05	2.83
		95	29.03	2.61	31.05	2.71	33.07	2.81	**34.00**	**2.84**	37.12	2.89	39.14	2.95
		100	28.32	2.72	30.34	2.82	32.37	2.93	33.56	2.96	36.41	3.02	38.43	3.08
		105	27.61	2.84	29.64	2.94	31.66	3.05	33.12	3.08	35.70	3.14	37.73	3.20
		110	26.91	2.95	28.93	3.05	30.95	3.17	32.41	3.20	35.00	3.26	37.02	3.33
		115	26.20	3.06	28.22	3.17	30.24	3.28	31.71	3.32	34.29	3.38	36.31	3.45
		118	25.78	3.12	27.80	3.24	29.82	3.36	31.28	3.40	33.87	3.46	35.89	3.53
		122	25.63	3.21	27.66	3.33	29.68	3.45	31.14	3.49	33.72	3.56	35.75	3.63
	9 + 12 + 18	14	33.33	1.78	35.40	1.84	37.47	1.91	38.96	1.93	41.61	1.97	43.68	2.01
		20	33.30	1.80	35.37	1.87	37.44	1.94	38.94	1.96	41.58	2.00	43.65	2.04
		25	33.28	1.83	35.35	1.90	37.41	1.96	38.91	1.99	41.55	2.02	43.61	2.06
		30	33.25	1.85	35.32	1.92	37.38	1.99	38.88	2.01	41.51	2.05	43.58	2.09
		35	33.23	1.88	35.29	1.95	37.36	2.02	38.85	2.04	41.48	2.08	43.55	2.12
		40	33.20	1.90	35.27	1.97	37.33	2.05	38.82	2.07	41.45	2.11	43.51	2.15
		45	33.18	1.93	35.24	2.00	37.30	2.07	38.79	2.10	41.42	2.14	43.48	2.18
		50	33.15	1.96	35.21	2.03	37.27	2.10	38.76	2.13	41.39	2.17	43.45	2.21
		55	33.13	1.98	35.18	2.05	37.24	2.13	38.73	2.15	41.36	2.19	43.41	2.24
		60	33.10	2.01	35.16	2.08	37.21	2.16	38.70	2.18	41.32	2.22	43.38	2.27
		65	33.08	2.03	35.13	2.11	37.18	2.18	38.67	2.21	41.29	2.25	43.35	2.30
		70	33.05	2.06	35.10	2.13	37.16	2.21	38.64	2.24	41.26	2.28	43.31	2.32
		75	32.26	2.17	34.30	2.25	36.35	2.33	37.83	2.36	40.45	2.40	42.49	2.45
		80	31.46	2.28	33.50	2.36	35.54	2.45	37.02	2.48	39.63	2.52	41.67	2.58
		85	30.67	2.39	32.71	2.48	34.75	2.57	36.22	2.60	38.82	2.65	40.86	2.70
		90	29.88	2.50	31.92	2.59	33.95	2.69	35.42	2.72	38.01	2.77	40.05	2.83
		95	29.03	2.61	31.05	2.71	33.07	2.81	**34.00**	**2.84**	37.12	2.89	39.14	2.95
		100	28.32	2.72	30.34	2.82	32.37	2.93	33.56	2.96	36.41	3.02	38.43	3.08
		105	27.61	2.84	29.64	2.94	31.66	3.05	33.12	3.08	35.70	3.14	37.73	3.20
		110	26.91	2.95	28.93	3.05	30.95	3.17	32.41	3.20	35.00	3.26	37.02	3.33
		115	26.20	3.06	28.22	3.17	30.24	3.28	31.71	3.32	34.29	3.38	36.31	3.45
		118	25.78	3.12	27.80	3.24	29.82	3.36	31.28	3.40	33.87	3.46	35.89	3.53
		122	25.63	3.21	27.66	3.33	29.68	3.45	31.14	3.49	33.72	3.56	35.75	3.63

TC = Total Capacity (kBtu/h).

PI = Power Input (kW).

Nominal capacity as rated: 0 ft. above sea level with 25 ft. of refrigerant piping.
0 ft. level difference between outdoor and indoor units.

Nominal cooling capacity rating obtained with air entering the indoor unit at 80°F dry bulb (DB) and 67°F wet bulb (WB), and outdoor ambient conditions of 95°F dry bulb (DB) and 75°F wet bulb (WB).

The shaded table rows indicate reference data. When operating at this temperature, these values can be different if the system is not running consistently.

Due to our policy of continuous product innovation, some specifications may change without notification.
©LG Electronics U.S.A., Inc., Englewood Cliffs, NJ. All rights reserved. "LG" is a registered trademark of LG Corp.

Table 58: LMU369HV Cooling Capacity Table — Ducted Indoor Units (continued).

Connected Indoor Units	Combination Capacity Index	Outdoor Air Temp. (°F DB)	Indoor Air Temp. °F DB / °F WB											
			68 / 57		73 / 61		77 / 64		80 / 67		86 / 72		90 / 75	
			TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
Three (3) Ducted Indoor Units	12 + 12 + 18	14	33.33	1.78	35.40	1.84	37.47	1.91	38.96	1.93	41.61	1.97	43.68	2.01
		20	33.30	1.80	35.37	1.87	37.44	1.94	38.94	1.96	41.58	2.00	43.65	2.04
		25	33.28	1.83	35.35	1.90	37.41	1.96	38.91	1.99	41.55	2.02	43.61	2.06
		30	33.25	1.85	35.32	1.92	37.38	1.99	38.88	2.01	41.51	2.05	43.58	2.09
		35	33.23	1.88	35.29	1.95	37.36	2.02	38.85	2.04	41.48	2.08	43.55	2.12
		40	33.20	1.90	35.27	1.97	37.33	2.05	38.82	2.07	41.45	2.11	43.51	2.15
		45	33.18	1.93	35.24	2.00	37.30	2.07	38.79	2.10	41.42	2.14	43.48	2.18
		50	33.15	1.96	35.21	2.03	37.27	2.10	38.76	2.13	41.39	2.17	43.45	2.21
		55	33.13	1.98	35.18	2.05	37.24	2.13	38.73	2.15	41.36	2.19	43.41	2.24
		60	33.10	2.01	35.16	2.08	37.21	2.16	38.70	2.18	41.32	2.22	43.38	2.27
		65	33.08	2.03	35.13	2.11	37.18	2.18	38.67	2.21	41.29	2.25	43.35	2.30
		70	33.05	2.06	35.10	2.13	37.16	2.21	38.64	2.24	41.26	2.28	43.31	2.32
		75	32.26	2.17	34.30	2.25	36.35	2.33	37.83	2.36	40.45	2.40	42.49	2.45
		80	31.46	2.28	33.50	2.36	35.54	2.45	37.02	2.48	39.63	2.52	41.67	2.58
		85	30.67	2.39	32.71	2.48	34.75	2.57	36.22	2.60	38.82	2.65	40.86	2.70
		90	29.88	2.50	31.92	2.59	33.95	2.69	35.42	2.72	38.01	2.77	40.05	2.83
		95	29.03	2.61	31.05	2.71	33.07	2.81	**34.00**	**2.84**	37.12	2.89	39.14	2.95
		100	28.32	2.72	30.34	2.82	32.37	2.93	33.56	2.96	36.41	3.02	38.43	3.08
		105	27.61	2.84	29.64	2.94	31.66	3.05	33.12	3.08	35.70	3.14	37.73	3.20
		110	26.91	2.95	28.93	3.05	30.95	3.17	32.41	3.20	35.00	3.26	37.02	3.33
		115	26.20	3.06	28.22	3.17	30.24	3.28	31.71	3.32	34.29	3.38	36.31	3.45
		118	25.78	3.12	27.80	3.24	29.82	3.36	31.28	3.40	33.87	3.46	35.89	3.53
		122	25.63	3.21	27.66	3.33	29.68	3.45	31.14	3.49	33.72	3.56	35.75	3.63
	9 + 18 + 18	14	33.33	1.78	35.40	1.84	37.47	1.91	38.96	1.93	41.61	1.97	43.68	2.01
		20	33.30	1.80	35.37	1.87	37.44	1.94	38.94	1.96	41.58	2.00	43.65	2.04
		25	33.28	1.83	35.35	1.90	37.41	1.96	38.91	1.99	41.55	2.02	43.61	2.06
		30	33.25	1.85	35.32	1.92	37.38	1.99	38.88	2.01	41.51	2.05	43.58	2.09
		35	33.23	1.88	35.29	1.95	37.36	2.02	38.85	2.04	41.48	2.08	43.55	2.12
		40	33.20	1.90	35.27	1.97	37.33	2.05	38.82	2.07	41.45	2.11	43.51	2.15
		45	33.18	1.93	35.24	2.00	37.30	2.07	38.79	2.10	41.42	2.14	43.48	2.18
		50	33.15	1.96	35.21	2.03	37.27	2.10	38.76	2.13	41.39	2.17	43.45	2.21
		55	33.13	1.98	35.18	2.05	37.24	2.13	38.73	2.15	41.36	2.19	43.41	2.24
		60	33.10	2.01	35.16	2.08	37.21	2.16	38.70	2.18	41.32	2.22	43.38	2.27
		65	33.08	2.03	35.13	2.11	37.18	2.18	38.67	2.21	41.29	2.25	43.35	2.30
		70	33.05	2.06	35.10	2.13	37.16	2.21	38.64	2.24	41.26	2.28	43.31	2.32
		75	32.26	2.17	34.30	2.25	36.35	2.33	37.83	2.36	40.45	2.40	42.49	2.45
		80	31.46	2.28	33.50	2.36	35.54	2.45	37.02	2.48	39.63	2.52	41.67	2.58
		85	30.67	2.39	32.71	2.48	34.75	2.57	36.22	2.60	38.82	2.65	40.86	2.70
		90	29.88	2.50	31.92	2.59	33.95	2.69	35.42	2.72	38.01	2.77	40.05	2.83
		95	29.03	2.61	31.05	2.71	33.07	2.81	**34.00**	**2.84**	37.12	2.89	39.14	2.95
		100	28.32	2.72	30.34	2.82	32.37	2.93	33.56	2.96	36.41	3.02	38.43	3.08
		105	27.61	2.84	29.64	2.94	31.66	3.05	33.12	3.08	35.70	3.14	37.73	3.20
		110	26.91	2.95	28.93	3.05	30.95	3.17	32.41	3.20	35.00	3.26	37.02	3.33
		115	26.20	3.06	28.22	3.17	30.24	3.28	31.71	3.32	34.29	3.38	36.31	3.45
		118	25.78	3.12	27.80	3.24	29.82	3.36	31.28	3.40	33.87	3.46	35.89	3.53
		122	25.63	3.21	27.66	3.33	29.68	3.45	31.14	3.49	33.72	3.56	35.75	3.63

TC = Total Capacity (kBtu/h).

PI = Power Input (kW).

Nominal capacity as rated: 0 ft. above sea level with 25 ft. of refrigerant piping.
0 ft. level difference between outdoor and indoor units.

Nominal cooling capacity rating obtained with air entering the indoor unit at 80ºF dry bulb (DB) and 67ºF wet bulb (WB), and outdoor ambient conditions of 95ºF dry bulb (DB) and 75ºF wet bulb (WB).

The shaded table rows indicate reference data. When operating at this temperature, these values can be different if the system is not running consistently.

Due to our policy of continuous product innovation, some specifications may change without notification.
©LG Electronics U.S.A., Inc., Englewood Cliffs, NJ. All rights reserved. "LG" is a registered trademark of LG Corp.

PERFORMANCE DATA

Cooling Capacity Tables

Table 59: LMU369HV Cooling Capacity Table — Ducted Indoor Units (continued).

Connected Indoor Units	Combination Capacity Index	Outdoor Air Temp. (°F DB)	Indoor Air Temp. °F DB / °F WB											
			68 / 57		73 / 61		77 / 64		80 / 67		86 / 72		90 / 75	
			TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
Three (3) Ducted Indoor Units	12 + 18 + 18	14	33.33	1.78	35.40	1.84	37.47	1.91	38.96	1.93	41.61	1.97	43.68	2.01
		20	33.30	1.80	35.37	1.87	37.44	1.94	38.94	1.96	41.58	2.00	43.65	2.04
		25	33.28	1.83	35.35	1.90	37.41	1.96	38.91	1.99	41.55	2.02	43.61	2.06
		30	33.25	1.85	35.32	1.92	37.38	1.99	38.88	2.01	41.51	2.05	43.58	2.09
		35	33.23	1.88	35.29	1.95	37.36	2.02	38.85	2.04	41.48	2.08	43.55	2.12
		40	33.20	1.90	35.27	1.97	37.33	2.05	38.82	2.07	41.45	2.11	43.51	2.15
		45	33.18	1.93	35.24	2.00	37.30	2.07	38.79	2.10	41.42	2.14	43.48	2.18
		50	33.15	1.96	35.21	2.03	37.27	2.10	38.76	2.13	41.39	2.17	43.45	2.21
		55	33.13	1.98	35.18	2.05	37.24	2.13	38.73	2.15	41.36	2.19	43.41	2.24
		60	33.10	2.01	35.16	2.08	37.21	2.16	38.70	2.18	41.32	2.22	43.38	2.27
		65	33.08	2.03	35.13	2.11	37.18	2.18	38.67	2.21	41.29	2.25	43.35	2.30
		70	33.05	2.06	35.10	2.13	37.16	2.21	38.64	2.24	41.26	2.28	43.31	2.32
		75	32.26	2.17	34.30	2.25	36.35	2.33	37.83	2.36	40.45	2.40	42.49	2.45
		80	31.46	2.28	33.50	2.36	35.54	2.45	37.02	2.48	39.63	2.52	41.67	2.58
		85	30.67	2.39	32.71	2.48	34.75	2.57	36.22	2.60	38.82	2.65	40.86	2.70
		90	29.88	2.50	31.92	2.59	33.95	2.69	35.42	2.72	38.01	2.77	40.05	2.83
		95	29.03	2.61	31.05	2.71	33.07	2.81	**34.00**	**2.84**	37.12	2.89	39.14	2.95
		100	28.32	2.72	30.34	2.82	32.37	2.93	33.56	2.96	36.41	3.02	38.43	3.08
		105	27.61	2.84	29.64	2.94	31.66	3.05	33.12	3.08	35.70	3.14	37.73	3.20
		110	26.91	2.95	28.93	3.05	30.95	3.17	32.41	3.20	35.00	3.26	37.02	3.33
		115	26.20	3.06	28.22	3.17	30.24	3.28	31.71	3.32	34.29	3.38	36.31	3.45
		118	25.78	3.12	27.80	3.24	29.82	3.36	31.28	3.40	33.87	3.46	35.89	3.53
		122	25.63	3.21	27.66	3.33	29.68	3.45	31.14	3.49	33.72	3.56	35.75	3.63
Four (4) Ducted Indoor Units	9 + 9 + 9 + 9	14	33.33	1.78	35.40	1.84	37.47	1.91	38.96	1.93	41.61	1.97	43.68	2.01
		20	33.30	1.80	35.37	1.87	37.44	1.94	38.94	1.96	41.58	2.00	43.65	2.04
		25	33.28	1.83	35.35	1.90	37.41	1.96	38.91	1.99	41.55	2.02	43.61	2.06
		30	33.25	1.85	35.32	1.92	37.38	1.99	38.88	2.01	41.51	2.05	43.58	2.09
		35	33.23	1.88	35.29	1.95	37.36	2.02	38.85	2.04	41.48	2.08	43.55	2.12
		40	33.20	1.90	35.27	1.97	37.33	2.05	38.82	2.07	41.45	2.11	43.51	2.15
		45	33.18	1.93	35.24	2.00	37.30	2.07	38.79	2.10	41.42	2.14	43.48	2.18
		50	33.15	1.96	35.21	2.03	37.27	2.10	38.76	2.13	41.39	2.17	43.45	2.21
		55	33.13	1.98	35.18	2.05	37.24	2.13	38.73	2.15	41.36	2.19	43.41	2.24
		60	33.10	2.01	35.16	2.08	37.21	2.16	38.70	2.18	41.32	2.22	43.38	2.27
		65	33.08	2.03	35.13	2.11	37.18	2.18	38.67	2.21	41.29	2.25	43.35	2.30
		70	33.05	2.06	35.10	2.13	37.16	2.21	38.64	2.24	41.26	2.28	43.31	2.32
		75	32.26	2.17	34.30	2.25	36.35	2.33	37.83	2.36	40.45	2.40	42.49	2.45
		80	31.46	2.28	33.50	2.36	35.54	2.45	37.02	2.48	39.63	2.52	41.67	2.58
		85	30.67	2.39	32.71	2.48	34.75	2.57	36.22	2.60	38.82	2.65	40.86	2.70
		90	29.88	2.50	31.92	2.59	33.95	2.69	35.42	2.72	38.01	2.77	40.05	2.83
		95	29.03	2.61	31.05	2.71	33.07	2.81	**34.00**	**2.84**	37.12	2.89	39.14	2.95
		100	28.32	2.72	30.34	2.82	32.37	2.93	33.56	2.96	36.41	3.02	38.43	3.08
		105	27.61	2.84	29.64	2.94	31.66	3.05	33.12	3.08	35.70	3.14	37.73	3.20
		110	26.91	2.95	28.93	3.05	30.95	3.17	32.41	3.20	35.00	3.26	37.02	3.33
		115	26.20	3.06	28.22	3.17	30.24	3.28	31.71	3.32	34.29	3.38	36.31	3.45
		118	25.78	3.12	27.80	3.24	29.82	3.36	31.28	3.40	33.87	3.46	35.89	3.53
		122	25.63	3.21	27.66	3.33	29.68	3.45	31.14	3.49	33.72	3.56	35.75	3.63

TC = Total Capacity (kBtu/h).

PI = Power Input (kW).

Nominal capacity as rated: 0 ft. above sea level with 25 ft. of refrigerant piping.
0 ft. level difference between outdoor and indoor units.

Nominal cooling capacity rating obtained with air entering the indoor unit at 80°F dry bulb (DB) and 67°F wet bulb (WB), and outdoor ambient conditions of 95°F dry bulb (DB) and 75°F wet bulb (WB).

The shaded table rows indicate reference data. When operating at this temperature, these values can be different if the system is not running consistently.

Due to our policy of continuous product innovation, some specifications may change without notification.
©LG Electronics U.S.A., Inc., Englewood Cliffs, NJ. All rights reserved. "LG" is a registered trademark of LG Corp.

Table 60: LMU369HV Cooling Capacity Table — Ducted Indoor Units (continued).

Connected Indoor Units	Combination Capacity Index	Outdoor Air Temp. (°F DB)	Indoor Air Temp. °F DB / °F WB											
			68 / 57		73 / 61		77 / 64		80 / 67		86 / 72		90 / 75	
			TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
Four (4) Ducted Indoor Units	9 + 9 + 9 + 12	14	33.33	1.78	35.40	1.84	37.47	1.91	38.96	1.93	41.61	1.97	43.68	2.01
		20	33.30	1.80	35.37	1.87	37.44	1.94	38.94	1.96	41.58	2.00	43.65	2.04
		25	33.28	1.83	35.35	1.90	37.41	1.96	38.91	1.99	41.55	2.02	43.61	2.06
		30	33.25	1.85	35.32	1.92	37.38	1.99	38.88	2.01	41.51	2.05	43.58	2.09
		35	33.23	1.88	35.29	1.95	37.36	2.02	38.85	2.04	41.48	2.08	43.55	2.12
		40	33.20	1.90	35.27	1.97	37.33	2.05	38.82	2.07	41.45	2.11	43.51	2.15
		45	33.18	1.93	35.24	2.00	37.30	2.07	38.79	2.10	41.42	2.14	43.48	2.18
		50	33.15	1.96	35.21	2.03	37.27	2.10	38.76	2.13	41.39	2.17	43.45	2.21
		55	33.13	1.98	35.18	2.05	37.24	2.13	38.73	2.15	41.36	2.19	43.41	2.24
		60	33.10	2.01	35.16	2.08	37.21	2.16	38.70	2.18	41.32	2.22	43.38	2.27
		65	33.08	2.03	35.13	2.11	37.18	2.18	38.67	2.21	41.29	2.25	43.35	2.30
		70	33.05	2.06	35.10	2.13	37.16	2.21	38.64	2.24	41.26	2.28	43.31	2.32
		75	32.26	2.17	34.30	2.25	36.35	2.33	37.83	2.36	40.45	2.40	42.49	2.45
		80	31.46	2.28	33.50	2.36	35.54	2.45	37.02	2.48	39.63	2.52	41.67	2.58
		85	30.67	2.39	32.71	2.48	34.75	2.57	36.22	2.60	38.82	2.65	40.86	2.70
		90	29.88	2.50	31.92	2.59	33.95	2.69	35.42	2.72	38.01	2.77	40.05	2.83
		95	29.03	2.61	31.05	2.71	33.07	2.81	**34.00**	**2.84**	37.12	2.89	39.14	2.95
		100	28.32	2.72	30.34	2.82	32.37	2.93	33.56	2.96	36.41	3.02	38.43	3.08
		105	27.61	2.84	29.64	2.94	31.66	3.05	33.12	3.08	35.70	3.14	37.73	3.20
		110	26.91	2.95	28.93	3.05	30.95	3.17	32.41	3.20	35.00	3.26	37.02	3.33
		115	26.20	3.06	28.22	3.17	30.24	3.28	31.71	3.32	34.29	3.38	36.31	3.45
		118	25.78	3.12	27.80	3.24	29.82	3.36	31.28	3.40	33.87	3.46	35.89	3.53
		122	25.63	3.21	27.66	3.33	29.68	3.45	31.14	3.49	33.72	3.56	35.75	3.63
	9 + 9 + 12 + 12	14	33.33	1.78	35.40	1.84	37.47	1.91	38.96	1.93	41.61	1.97	43.68	2.01
		20	33.30	1.80	35.37	1.87	37.44	1.94	38.94	1.96	41.58	2.00	43.65	2.04
		25	33.28	1.83	35.35	1.90	37.41	1.96	38.91	1.99	41.55	2.02	43.61	2.06
		30	33.25	1.85	35.32	1.92	37.38	1.99	38.88	2.01	41.51	2.05	43.58	2.09
		35	33.23	1.88	35.29	1.95	37.36	2.02	38.85	2.04	41.48	2.08	43.55	2.12
		40	33.20	1.90	35.27	1.97	37.33	2.05	38.82	2.07	41.45	2.11	43.51	2.15
		45	33.18	1.93	35.24	2.00	37.30	2.07	38.79	2.10	41.42	2.14	43.48	2.18
		50	33.15	1.96	35.21	2.03	37.27	2.10	38.76	2.13	41.39	2.17	43.45	2.21
		55	33.13	1.98	35.18	2.05	37.24	2.13	38.73	2.15	41.36	2.19	43.41	2.24
		60	33.10	2.01	35.16	2.08	37.21	2.16	38.70	2.18	41.32	2.22	43.38	2.27
		65	33.08	2.03	35.13	2.11	37.18	2.18	38.67	2.21	41.29	2.25	43.35	2.30
		70	33.05	2.06	35.10	2.13	37.16	2.21	38.64	2.24	41.26	2.28	43.31	2.32
		75	32.26	2.17	34.30	2.25	36.35	2.33	37.83	2.36	40.45	2.40	42.49	2.45
		80	31.46	2.28	33.50	2.36	35.54	2.45	37.02	2.48	39.63	2.52	41.67	2.58
		85	30.67	2.39	32.71	2.48	34.75	2.57	36.22	2.60	38.82	2.65	40.86	2.70
		90	29.88	2.50	31.92	2.59	33.95	2.69	35.42	2.72	38.01	2.77	40.05	2.83
		95	29.03	2.61	31.05	2.71	33.07	2.81	**34.00**	**2.84**	37.12	2.89	39.14	2.95
		100	28.32	2.72	30.34	2.82	32.37	2.93	33.56	2.96	36.41	3.02	38.43	3.08
		105	27.61	2.84	29.64	2.94	31.66	3.05	33.12	3.08	35.70	3.14	37.73	3.20
		110	26.91	2.95	28.93	3.05	30.95	3.17	32.41	3.20	35.00	3.26	37.02	3.33
		115	26.20	3.06	28.22	3.17	30.24	3.28	31.71	3.32	34.29	3.38	36.31	3.45
		118	25.78	3.12	27.80	3.24	29.82	3.36	31.28	3.40	33.87	3.46	35.89	3.53
		122	25.63	3.21	27.66	3.33	29.68	3.45	31.14	3.49	33.72	3.56	35.75	3.63

TC = Total Capacity (kBtu/h).

PI = Power Input (kW).

Nominal capacity as rated: 0 ft. above sea level with 25 ft. of refrigerant piping.
0 ft. level difference between outdoor and indoor units.

Nominal cooling capacity rating obtained with air entering the indoor unit at 80°F dry bulb (DB) and 67°F wet bulb (WB), and outdoor ambient conditions of 95°F dry bulb (DB) and 75°F wet bulb (WB).

The shaded table rows indicate reference data. When operating at this temperature, these values can be different if the system is not running consistently.

Due to our policy of continuous product innovation, some specifications may change without notification.
©LG Electronics U.S.A., Inc., Englewood Cliffs, NJ. All rights reserved. "LG" is a registered trademark of LG Corp.

PERFORMANCE DATA

Cooling Capacity Tables

Table 61: LMU369HV Cooling Capacity Table — Ducted Indoor Units (continued).

Connected Indoor Units	Combination Capacity Index	Outdoor Air Temp. (°F DB)	Indoor Air Temp. °F DB / °F WB											
			68 / 57		73 / 61		77 / 64		80 / 67		86 / 72		90 / 75	
			TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
Four (4) Ducted Indoor Units	9 + 12 + 12 + 12	14	33.33	1.78	35.40	1.84	37.47	1.91	38.96	1.93	41.61	1.97	43.68	2.01
		20	33.30	1.80	35.37	1.87	37.44	1.94	38.94	1.96	41.58	2.00	43.65	2.04
		25	33.28	1.83	35.35	1.90	37.41	1.96	38.91	1.99	41.55	2.02	43.61	2.06
		30	33.25	1.85	35.32	1.92	37.38	1.99	38.88	2.01	41.51	2.05	43.58	2.09
		35	33.23	1.88	35.29	1.95	37.36	2.02	38.85	2.04	41.48	2.08	43.55	2.12
		40	33.20	1.90	35.27	1.97	37.33	2.05	38.82	2.07	41.45	2.11	43.51	2.15
		45	33.18	1.93	35.24	2.00	37.30	2.07	38.79	2.10	41.42	2.14	43.48	2.18
		50	33.15	1.96	35.21	2.03	37.27	2.10	38.76	2.13	41.39	2.17	43.45	2.21
		55	33.13	1.98	35.18	2.05	37.24	2.13	38.73	2.15	41.36	2.19	43.41	2.24
		60	33.10	2.01	35.16	2.08	37.21	2.16	38.70	2.18	41.32	2.22	43.38	2.27
		65	33.08	2.03	35.13	2.11	37.18	2.18	38.67	2.21	41.29	2.25	43.35	2.30
		70	33.05	2.06	35.10	2.13	37.16	2.21	38.64	2.24	41.26	2.28	43.31	2.32
		75	32.26	2.17	34.30	2.25	36.35	2.33	37.83	2.36	40.45	2.40	42.49	2.45
		80	31.46	2.28	33.50	2.36	35.54	2.45	37.02	2.48	39.63	2.52	41.67	2.58
		85	30.67	2.39	32.71	2.48	34.75	2.57	36.22	2.60	38.82	2.65	40.86	2.70
		90	29.88	2.50	31.92	2.59	33.95	2.69	35.42	2.72	38.01	2.77	40.05	2.83
		95	29.03	2.61	31.05	2.71	33.07	2.81	**34.00**	**2.84**	37.12	2.89	39.14	2.95
		100	28.32	2.72	30.34	2.82	32.37	2.93	33.56	2.96	36.41	3.02	38.43	3.08
		105	27.61	2.84	29.64	2.94	31.66	3.05	33.12	3.08	35.70	3.14	37.73	3.20
		110	26.91	2.95	28.93	3.05	30.95	3.17	32.41	3.20	35.00	3.26	37.02	3.33
		115	26.20	3.06	28.22	3.17	30.24	3.28	31.71	3.32	34.29	3.38	36.31	3.45
		118	25.78	3.12	27.80	3.24	29.82	3.36	31.28	3.40	33.87	3.46	35.89	3.53
		122	25.63	3.21	27.66	3.33	29.68	3.45	31.14	3.49	33.72	3.56	35.75	3.63
	9 + 9 + 9 + 18	14	33.33	1.78	35.40	1.84	37.47	1.91	38.96	1.93	41.61	1.97	43.68	2.01
		20	33.30	1.80	35.37	1.87	37.44	1.94	38.94	1.96	41.58	2.00	43.65	2.04
		25	33.28	1.83	35.35	1.90	37.41	1.96	38.91	1.99	41.55	2.02	43.61	2.06
		30	33.25	1.85	35.32	1.92	37.38	1.99	38.88	2.01	41.51	2.05	43.58	2.09
		35	33.23	1.88	35.29	1.95	37.36	2.02	38.85	2.04	41.48	2.08	43.55	2.12
		40	33.20	1.90	35.27	1.97	37.33	2.05	38.82	2.07	41.45	2.11	43.51	2.15
		45	33.18	1.93	35.24	2.00	37.30	2.07	38.79	2.10	41.42	2.14	43.48	2.18
		50	33.15	1.96	35.21	2.03	37.27	2.10	38.76	2.13	41.39	2.17	43.45	2.21
		55	33.13	1.98	35.18	2.05	37.24	2.13	38.73	2.15	41.36	2.19	43.41	2.24
		60	33.10	2.01	35.16	2.08	37.21	2.16	38.70	2.18	41.32	2.22	43.38	2.27
		65	33.08	2.03	35.13	2.11	37.18	2.18	38.67	2.21	41.29	2.25	43.35	2.30
		70	33.05	2.06	35.10	2.13	37.16	2.21	38.64	2.24	41.26	2.28	43.31	2.32
		75	32.26	2.17	34.30	2.25	36.35	2.33	37.83	2.36	40.45	2.40	42.49	2.45
		80	31.46	2.28	33.50	2.36	35.54	2.45	37.02	2.48	39.63	2.52	41.67	2.58
		85	30.67	2.39	32.71	2.48	34.75	2.57	36.22	2.60	38.82	2.65	40.86	2.70
		90	29.88	2.50	31.92	2.59	33.95	2.69	35.42	2.72	38.01	2.77	40.05	2.83
		95	29.03	2.61	31.05	2.71	33.07	2.81	**34.00**	**2.84**	37.12	2.89	39.14	2.95
		100	28.32	2.72	30.34	2.82	32.37	2.93	33.56	2.96	36.41	3.02	38.43	3.08
		105	27.61	2.84	29.64	2.94	31.66	3.05	33.12	3.08	35.70	3.14	37.73	3.20
		110	26.91	2.95	28.93	3.05	30.95	3.17	32.41	3.20	35.00	3.26	37.02	3.33
		115	26.20	3.06	28.22	3.17	30.24	3.28	31.71	3.32	34.29	3.38	36.31	3.45
		118	25.78	3.12	27.80	3.24	29.82	3.36	31.28	3.40	33.87	3.46	35.89	3.53
		122	25.63	3.21	27.66	3.33	29.68	3.45	31.14	3.49	33.72	3.56	35.75	3.63

TC = Total Capacity (kBtu/h).

PI = Power Input (kW).

Nominal capacity as rated: 0 ft. above sea level with 25 ft. of refrigerant piping.
0 ft. level difference between outdoor and indoor units.

Nominal cooling capacity rating obtained with air entering the indoor unit at 80°F dry bulb (DB) and 67°F wet bulb (WB), and outdoor ambient conditions of 95°F dry bulb (DB) and 75°F wet bulb (WB).

The shaded table rows indicate reference data. When operating at this temperature, these values can be different if the system is not running consistently.

Due to our policy of continuous product innovation, some specifications may change without notification.
©LG Electronics U.S.A., Inc., Englewood Cliffs, NJ. All rights reserved. "LG" is a registered trademark of LG Corp.

Table 62: LMU369HV Cooling Capacity Table — Ducted Indoor Units (continued).

Connected Indoor Units	Combination Capacity Index	Outdoor Air Temp. (°F DB)	Indoor Air Temp. °F DB / °F WB											
			68 / 57		73 / 61		77 / 64		80 / 67		86 / 72		90 / 75	
			TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
Four (4) Ducted Indoor Units	9 + 9 + 12 + 18	14	33.33	1.78	35.40	1.84	37.47	1.91	38.96	1.93	41.61	1.97	43.68	2.01
		20	33.30	1.80	35.37	1.87	37.44	1.94	38.94	1.96	41.58	2.00	43.65	2.04
		25	33.28	1.83	35.35	1.90	37.41	1.96	38.91	1.99	41.55	2.02	43.61	2.06
		30	33.25	1.85	35.32	1.92	37.38	1.99	38.88	2.01	41.51	2.05	43.58	2.09
		35	33.23	1.88	35.29	1.95	37.36	2.02	38.85	2.04	41.48	2.08	43.55	2.12
		40	33.20	1.90	35.27	1.97	37.33	2.05	38.82	2.07	41.45	2.11	43.51	2.15
		45	33.18	1.93	35.24	2.00	37.30	2.07	38.79	2.10	41.42	2.14	43.48	2.18
		50	33.15	1.96	35.21	2.03	37.27	2.10	38.76	2.13	41.39	2.17	43.45	2.21
		55	33.13	1.98	35.18	2.05	37.24	2.13	38.73	2.15	41.36	2.19	43.41	2.24
		60	33.10	2.01	35.16	2.08	37.21	2.16	38.70	2.18	41.32	2.22	43.38	2.27
		65	33.08	2.03	35.13	2.11	37.18	2.18	38.67	2.21	41.29	2.25	43.35	2.30
		70	33.05	2.06	35.10	2.13	37.16	2.21	38.64	2.24	41.26	2.28	43.31	2.32
		75	32.26	2.17	34.30	2.25	36.35	2.33	37.83	2.36	40.45	2.40	42.49	2.45
		80	31.46	2.28	33.50	2.36	35.54	2.45	37.02	2.48	39.63	2.52	41.67	2.58
		85	30.67	2.39	32.71	2.48	34.75	2.57	36.22	2.60	38.82	2.65	40.86	2.70
		90	29.88	2.50	31.92	2.59	33.95	2.69	35.42	2.72	38.01	2.77	40.05	2.83
		95	29.03	2.61	31.05	2.71	33.07	2.81	**34.00**	**2.84**	37.12	2.89	39.14	2.95
		100	28.32	2.72	30.34	2.82	32.37	2.93	33.56	2.96	36.41	3.02	38.43	3.08
		105	27.61	2.84	29.64	2.94	31.66	3.05	33.12	3.08	35.70	3.14	37.73	3.20
		110	26.91	2.95	28.93	3.05	30.95	3.17	32.41	3.20	35.00	3.26	37.02	3.33
		115	26.20	3.06	28.22	3.17	30.24	3.28	31.71	3.32	34.29	3.38	36.31	3.45
		118	25.78	3.12	27.80	3.24	29.82	3.36	31.28	3.40	33.87	3.46	35.89	3.53
		122	25.63	3.21	27.66	3.33	29.68	3.45	31.14	3.49	33.72	3.56	35.75	3.63
	12 + 12 + 12 + 12	14	33.33	1.78	35.40	1.84	37.47	1.91	38.96	1.93	41.61	1.97	43.68	2.01
		20	33.30	1.80	35.37	1.87	37.44	1.94	38.94	1.96	41.58	2.00	43.65	2.04
		25	33.28	1.83	35.35	1.90	37.41	1.96	38.91	1.99	41.55	2.02	43.61	2.06
		30	33.25	1.85	35.32	1.92	37.38	1.99	38.88	2.01	41.51	2.05	43.58	2.09
		35	33.23	1.88	35.29	1.95	37.36	2.02	38.85	2.04	41.48	2.08	43.55	2.12
		40	33.20	1.90	35.27	1.97	37.33	2.05	38.82	2.07	41.45	2.11	43.51	2.15
		45	33.18	1.93	35.24	2.00	37.30	2.07	38.79	2.10	41.42	2.14	43.48	2.18
		50	33.15	1.96	35.21	2.03	37.27	2.10	38.76	2.13	41.39	2.17	43.45	2.21
		55	33.13	1.98	35.18	2.05	37.24	2.13	38.73	2.15	41.36	2.19	43.41	2.24
		60	33.10	2.01	35.16	2.08	37.21	2.16	38.70	2.18	41.32	2.22	43.38	2.27
		65	33.08	2.03	35.13	2.11	37.18	2.18	38.67	2.21	41.29	2.25	43.35	2.30
		70	33.05	2.06	35.10	2.13	37.16	2.21	38.64	2.24	41.26	2.28	43.31	2.32
		75	32.26	2.17	34.30	2.25	36.35	2.33	37.83	2.36	40.45	2.40	42.49	2.45
		80	31.46	2.28	33.50	2.36	35.54	2.45	37.02	2.48	39.63	2.52	41.67	2.58
		85	30.67	2.39	32.71	2.48	34.75	2.57	36.22	2.60	38.82	2.65	40.86	2.70
		90	29.88	2.50	31.92	2.59	33.95	2.69	35.42	2.72	38.01	2.77	40.05	2.83
		95	29.03	2.61	31.05	2.71	33.07	2.81	**34.00**	**2.84**	37.12	2.89	39.14	2.95
		100	28.32	2.72	30.34	2.82	32.37	2.93	33.56	2.96	36.41	3.02	38.43	3.08
		105	27.61	2.84	29.64	2.94	31.66	3.05	33.12	3.08	35.70	3.14	37.73	3.20
		110	26.91	2.95	28.93	3.05	30.95	3.17	32.41	3.20	35.00	3.26	37.02	3.33
		115	26.20	3.06	28.22	3.17	30.24	3.28	31.71	3.32	34.29	3.38	36.31	3.45
		118	25.78	3.12	27.80	3.24	29.82	3.36	31.28	3.40	33.87	3.46	35.89	3.53
		122	25.63	3.21	27.66	3.33	29.68	3.45	31.14	3.49	33.72	3.56	35.75	3.63

TC = Total Capacity (kBtu/h).

PI = Power Input (kW).

Nominal capacity as rated: 0 ft. above sea level with 25 ft. of refrigerant piping.
0 ft. level difference between outdoor and indoor units.

Nominal cooling capacity rating obtained with air entering the indoor unit at 80ºF dry bulb (DB) and 67ºF wet bulb (WB), and outdoor ambient conditions of 95ºF dry bulb (DB) and 75ºF wet bulb (WB).

The shaded table rows indicate reference data. When operating at this temperature, these values can be different if the system is not running consistently.

Due to our policy of continuous product innovation, some specifications may change without notification.
©LG Electronics U.S.A., Inc., Englewood Cliffs, NJ. All rights reserved. "LG" is a registered trademark of LG Corp.

PERFORMANCE DATA

Cooling Capacity Tables

Table 63: LMU369HV Cooling Capacity Table — Mixed Indoor Units

Connected Indoor Units	Combination Capacity Index	Outdoor Air Temp. (°F DB)	Indoor Air Temp. °F DB / °F WB											
			68 / 57		73 / 61		77 / 64		80 / 67		86 / 72		90 / 75	
			TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
Two (2) Mixed Indoor Units	9 + 9	14	17.65	1.21	18.74	1.26	19.84	1.30	20.63	1.32	22.03	1.34	23.12	1.37
		20	17.63	1.23	18.73	1.28	19.82	1.32	20.61	1.34	22.01	1.36	23.11	1.39
		25	17.62	1.25	18.71	1.29	19.81	1.34	20.60	1.36	22.00	1.38	23.09	1.41
		30	17.60	1.27	18.70	1.31	19.79	1.36	20.58	1.38	21.98	1.40	23.07	1.43
		35	17.59	1.28	18.68	1.33	19.78	1.38	20.57	1.40	21.96	1.42	23.05	1.45
		40	17.58	1.30	18.67	1.35	19.76	1.40	20.55	1.41	21.94	1.44	23.04	1.47
		45	17.56	1.32	18.66	1.37	19.75	1.42	20.53	1.43	21.93	1.46	23.02	1.49
		50	17.55	1.34	18.64	1.38	19.73	1.44	20.52	1.45	21.91	1.48	23.00	1.51
		55	17.54	1.35	18.63	1.40	19.72	1.45	20.50	1.47	21.89	1.50	22.98	1.53
		60	17.52	1.37	18.61	1.42	19.70	1.47	20.49	1.49	21.88	1.52	22.97	1.55
		65	17.51	1.39	18.60	1.44	19.69	1.49	20.47	1.51	21.86	1.54	22.95	1.57
		70	17.50	1.41	18.58	1.46	19.67	1.51	20.46	1.53	21.84	1.56	22.93	1.59
		75	17.08	1.48	18.16	1.54	19.24	1.59	20.03	1.61	21.41	1.64	22.50	1.67
		80	16.66	1.56	17.74	1.61	18.82	1.67	19.60	1.69	20.98	1.72	22.06	1.76
		85	16.24	1.63	17.32	1.69	18.40	1.75	19.17	1.78	20.55	1.81	21.63	1.84
		90	15.82	1.71	16.90	1.77	17.97	1.84	18.75	1.86	20.12	1.89	21.20	1.93
		95	15.37	1.79	16.44	1.85	17.51	1.92	**18.00**	**1.94**	19.65	1.98	20.72	2.02
		100	14.99	1.86	16.06	1.93	17.13	2.00	17.77	2.02	19.28	2.06	20.35	2.10
		105	14.62	1.94	15.69	2.01	16.76	2.08	17.53	2.10	18.90	2.14	19.97	2.19
		110	14.24	2.01	15.32	2.09	16.39	2.16	17.16	2.19	18.53	2.23	19.60	2.27
		115	13.87	2.09	14.94	2.16	16.01	2.24	16.79	2.27	18.15	2.31	19.22	2.36
		118	13.65	2.13	14.72	2.21	15.79	2.29	16.56	2.32	17.93	2.36	19.00	2.41
		122	13.57	2.19	14.64	2.27	15.71	2.36	16.49	2.39	17.85	2.43	18.92	2.48
	9 + 12	14	20.59	1.35	21.86	1.40	23.14	1.45	24.07	1.47	25.70	1.49	26.98	1.52
		20	20.57	1.37	21.85	1.42	23.13	1.47	24.05	1.49	25.68	1.51	26.96	1.54
		25	20.55	1.39	21.83	1.44	23.11	1.49	24.03	1.51	25.66	1.54	26.94	1.57
		30	20.54	1.41	21.81	1.46	23.09	1.51	24.01	1.53	25.64	1.56	26.92	1.59
		35	20.52	1.43	21.80	1.48	23.07	1.53	23.99	1.55	25.62	1.58	26.90	1.61
		40	20.51	1.45	21.78	1.50	23.05	1.55	23.97	1.57	25.60	1.60	26.88	1.63
		45	20.49	1.46	21.76	1.52	23.04	1.57	23.96	1.59	25.58	1.62	26.86	1.65
		50	20.48	1.48	21.75	1.54	23.02	1.59	23.94	1.61	25.56	1.64	26.83	1.68
		55	20.46	1.50	21.73	1.56	23.00	1.62	23.92	1.63	25.54	1.66	26.81	1.70
		60	20.44	1.52	21.71	1.58	22.98	1.64	23.90	1.66	25.52	1.69	26.79	1.72
		65	20.43	1.54	21.70	1.60	22.97	1.66	23.88	1.68	25.50	1.71	26.77	1.74
		70	20.41	1.56	21.68	1.62	22.95	1.68	23.86	1.70	25.48	1.73	26.75	1.76
		75	19.92	1.65	21.19	1.71	22.45	1.77	23.36	1.79	24.98	1.82	26.25	1.86
		80	19.43	1.73	20.69	1.79	21.95	1.86	22.87	1.88	24.48	1.92	25.74	1.95
		85	18.94	1.81	20.20	1.88	21.46	1.95	22.37	1.97	23.98	2.01	25.24	2.05
		90	18.46	1.90	19.71	1.97	20.97	2.04	21.87	2.06	23.48	2.10	24.73	2.14
		95	17.93	1.98	19.18	2.06	20.43	2.13	**21.00**	**2.16**	22.93	2.20	24.17	2.24
		100	17.49	2.07	18.74	2.14	19.99	2.22	20.73	2.25	22.49	2.29	23.74	2.33
		105	17.06	2.15	18.30	2.23	19.55	2.31	20.46	2.34	22.05	2.38	23.30	2.43
		110	16.62	2.24	17.87	2.32	19.12	2.40	20.02	2.43	21.62	2.48	22.86	2.52
		115	16.18	2.32	17.43	2.40	18.68	2.49	19.58	2.52	21.18	2.57	22.43	2.62
		118	15.92	2.37	17.17	2.46	18.42	2.55	19.32	2.58	20.92	2.62	22.17	2.68
		122	15.83	2.44	17.08	2.53	18.33	2.62	19.23	2.65	20.83	2.70	22.08	2.75

TC = Total Capacity (kBtu/h).

PI = Power Input (kW).

Nominal capacity as rated: 0 ft. above sea level with 25 ft. of refrigerant piping.
0 ft. level difference between outdoor and indoor units.

Nominal cooling capacity rating obtained with air entering the indoor unit at 80°F dry bulb (DB) and 67°F wet bulb (WB), and outdoor ambient conditions of 95°F dry bulb (DB) and 75°F wet bulb (WB).

The shaded table rows indicate reference data. When operating at this temperature, these values can be different if the system is not running consistently.

Due to our policy of continuous product innovation, some specifications may change without notification.
©LG Electronics U.S.A., Inc., Englewood Cliffs, NJ. All rights reserved. "LG" is a registered trademark of LG Corp.

Table 64: LMU369HV Cooling Capacity Table — Mixed Indoor Units (continued).

Connected Indoor Units	Combination Capacity Index	Outdoor Air Temp. (°F DB)	Indoor Air Temp. °F DB / °F WB											
			68 / 57		73 / 61		77 / 64		80 / 67		86 / 72		90 / 75	
			TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
Two (2) Mixed Indoor Units	12 + 12	14	23.53	1.48	24.99	1.54	26.45	1.59	27.50	1.61	29.37	1.64	30.83	1.67
		20	23.51	1.50	24.97	1.56	26.43	1.62	27.48	1.63	29.35	1.67	30.81	1.70
		25	23.49	1.53	24.95	1.58	26.41	1.64	27.46	1.66	29.33	1.69	30.79	1.72
		30	23.47	1.55	24.93	1.60	26.39	1.66	27.44	1.68	29.30	1.71	30.76	1.75
		35	23.46	1.57	24.91	1.63	26.37	1.68	27.42	1.70	29.28	1.74	30.74	1.77
		40	23.44	1.59	24.89	1.65	26.35	1.71	27.40	1.73	29.26	1.76	30.72	1.80
		45	23.42	1.61	24.87	1.67	26.33	1.73	27.38	1.75	29.24	1.78	30.69	1.82
		50	23.40	1.63	24.85	1.69	26.31	1.75	27.36	1.77	29.21	1.81	30.67	1.84
		55	23.38	1.65	24.84	1.71	26.29	1.78	27.34	1.80	29.19	1.83	30.64	1.87
		60	23.37	1.67	24.82	1.74	26.27	1.80	27.32	1.82	29.17	1.85	30.62	1.89
		65	23.35	1.70	24.80	1.76	26.25	1.82	27.29	1.84	29.15	1.88	30.60	1.92
		70	23.33	1.72	24.78	1.78	26.23	1.85	27.27	1.87	29.13	1.90	30.57	1.94
		75	22.77	1.81	24.21	1.88	25.66	1.94	26.70	1.97	28.55	2.00	29.99	2.04
		80	22.21	1.90	23.65	1.97	25.09	2.04	26.13	2.07	27.97	2.11	29.42	2.15
		85	21.65	2.00	23.09	2.07	24.53	2.14	25.57	2.17	27.40	2.21	28.84	2.25
		90	21.09	2.09	22.53	2.16	23.96	2.24	25.00	2.27	26.83	2.31	28.27	2.36
		95	20.49	2.18	21.92	2.26	23.35	2.34	**24.00**	**2.37**	26.20	2.41	27.63	2.46
		100	19.99	2.27	21.42	2.36	22.85	2.44	23.69	2.47	25.70	2.52	27.13	2.57
		105	19.49	2.37	20.92	2.45	22.35	2.54	23.38	2.57	25.20	2.62	26.63	2.67
		110	18.99	2.46	20.42	2.55	21.85	2.64	22.88	2.67	24.70	2.72	26.13	2.78
		115	18.49	2.55	19.92	2.64	21.35	2.74	22.38	2.77	24.20	2.82	25.63	2.88
		118	18.19	2.61	19.62	2.70	21.05	2.80	22.08	2.83	23.90	2.89	25.33	2.94
		122	18.10	2.68	19.52	2.78	20.95	2.88	21.98	2.91	23.81	2.97	25.23	3.03
	9 + 18	14	26.47	1.55	28.11	1.61	29.76	1.66	30.94	1.68	33.04	1.71	34.69	1.75
		20	26.45	1.57	28.09	1.63	29.73	1.69	30.92	1.71	33.02	1.74	34.66	1.77
		25	26.43	1.59	28.07	1.65	29.71	1.71	30.90	1.73	32.99	1.76	34.63	1.80
		30	26.41	1.62	28.05	1.67	29.69	1.74	30.87	1.76	32.97	1.79	34.61	1.82
		35	26.39	1.64	28.03	1.70	29.66	1.76	30.85	1.78	32.94	1.81	34.58	1.85
		40	26.37	1.66	28.00	1.72	29.64	1.78	30.82	1.80	32.92	1.84	34.55	1.87
		45	26.35	1.68	27.98	1.74	29.62	1.81	30.80	1.83	32.89	1.86	34.53	1.90
		50	26.33	1.70	27.96	1.77	29.60	1.83	30.78	1.85	32.87	1.89	34.50	1.93
		55	26.31	1.73	27.94	1.79	29.57	1.86	30.75	1.88	32.84	1.91	34.48	1.95
		60	26.29	1.75	27.92	1.81	29.55	1.88	30.73	1.90	32.82	1.94	34.45	1.98
		65	26.27	1.77	27.90	1.84	29.53	1.90	30.71	1.93	32.79	1.96	34.42	2.00
		70	26.25	1.79	27.88	1.86	29.51	1.93	30.68	1.95	32.77	1.99	34.40	2.03
		75	25.61	1.89	27.24	1.96	28.87	2.03	30.04	2.05	32.12	2.09	33.74	2.13
		80	24.98	1.99	26.60	2.06	28.23	2.13	29.40	2.16	31.47	2.20	33.09	2.24
		85	24.36	2.08	25.97	2.16	27.59	2.24	28.76	2.26	30.83	2.31	32.45	2.35
		90	23.73	2.18	25.34	2.26	26.96	2.34	28.12	2.37	30.19	2.41	31.80	2.46
		95	23.05	2.28	24.66	2.36	26.26	2.45	**27.00**	**2.48**	29.48	2.52	31.08	2.57
		100	22.49	2.37	24.10	2.46	25.70	2.55	26.65	2.58	28.91	2.63	30.52	2.68
		105	21.93	2.47	23.53	2.56	25.14	2.65	26.30	2.69	28.35	2.74	29.96	2.79
		110	21.37	2.57	22.97	2.66	24.58	2.76	25.74	2.79	27.79	2.84	29.40	2.90
		115	20.81	2.66	22.41	2.76	24.02	2.86	25.18	2.90	27.23	2.95	28.84	3.01
		118	20.47	2.72	22.08	2.82	23.68	2.93	24.84	2.96	26.89	3.01	28.50	3.07
		122	20.36	2.80	21.96	2.90	23.57	3.01	24.73	3.04	26.78	3.10	28.39	3.16

TC = Total Capacity (kBtu/h).

PI = Power Input (kW).

Nominal capacity as rated: 0 ft. above sea level with 25 ft. of refrigerant piping.
0 ft. level difference between outdoor and indoor units.

Nominal cooling capacity rating obtained with air entering the indoor unit at 80ºF dry bulb (DB) and 67ºF wet bulb (WB), and outdoor ambient conditions of 95ºF dry bulb (DB) and 75ºF wet bulb (WB).

The shaded table rows indicate reference data. When operating at this temperature, these values can be different if the system is not running consistently.

Due to our policy of continuous product innovation, some specifications may change without notification.
©LG Electronics U.S.A., Inc., Englewood Cliffs, NJ. All rights reserved. "LG" is a registered trademark of LG Corp.

PERFORMANCE DATA

Cooling Capacity Tables

Table 65: LMU369HV Cooling Capacity Table — Mixed Indoor Units (continued).

Connected Indoor Units	Combination Capacity Index	Outdoor Air Temp. (°F DB)	Indoor Air Temp. °F DB / °F WB											
			68 / 57		73 / 61		77 / 64		80 / 67		86 / 72		90 / 75	
			TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
Two (2) Mixed Indoor Units	12 + 18	14	29.41	1.66	31.24	1.72	33.06	1.79	34.38	1.81	36.71	1.84	38.54	1.88
		20	29.39	1.69	31.21	1.75	33.04	1.81	34.35	1.83	36.69	1.87	38.51	1.90
		25	29.36	1.71	31.19	1.77	33.01	1.84	34.33	1.86	36.66	1.89	38.48	1.93
		30	29.34	1.73	31.16	1.80	32.99	1.86	34.30	1.88	36.63	1.92	38.45	1.96
		35	29.32	1.76	31.14	1.82	32.96	1.89	34.28	1.91	36.60	1.95	38.42	1.98
		40	29.30	1.78	31.12	1.85	32.94	1.91	34.25	1.94	36.57	1.97	38.39	2.01
		45	29.27	1.80	31.09	1.87	32.91	1.94	34.22	1.96	36.55	2.00	38.36	2.04
		50	29.25	1.83	31.07	1.90	32.89	1.96	34.20	1.99	36.52	2.02	38.34	2.07
		55	29.23	1.85	31.04	1.92	32.86	1.99	34.17	2.01	36.49	2.05	38.31	2.09
		60	29.21	1.88	31.02	1.94	32.83	2.02	34.14	2.04	36.46	2.08	38.28	2.12
		65	29.18	1.90	31.00	1.97	32.81	2.04	34.12	2.07	36.43	2.10	38.25	2.15
		70	29.16	1.92	30.97	1.99	32.78	2.07	34.09	2.09	36.41	2.13	38.22	2.17
		75	28.46	2.03	30.27	2.10	32.07	2.18	33.38	2.20	35.69	2.25	37.49	2.29
		80	27.76	2.13	29.56	2.21	31.36	2.29	32.66	2.32	34.97	2.36	36.77	2.41
		85	27.06	2.24	28.86	2.32	30.66	2.40	31.96	2.43	34.25	2.47	36.05	2.52
		90	26.37	2.34	28.16	2.42	29.95	2.51	31.25	2.54	33.54	2.59	35.33	2.64
		95	25.61	2.44	27.40	2.53	29.18	2.62	**30.00**	**2.66**	32.75	2.70	34.53	2.76
		100	24.99	2.55	26.77	2.64	28.56	2.74	29.61	2.77	32.13	2.82	33.91	2.88
		105	24.37	2.65	26.15	2.75	27.93	2.85	29.22	2.88	31.50	2.93	33.29	2.99
		110	23.74	2.75	25.53	2.86	27.31	2.96	28.60	2.99	30.88	3.05	32.66	3.11
		115	23.12	2.86	24.90	2.96	26.69	3.07	27.98	3.11	30.26	3.16	32.04	3.23
		118	22.74	2.92	24.53	3.03	26.31	3.14	27.60	3.17	29.88	3.23	31.67	3.30
		122	22.62	3.00	24.40	3.11	26.19	3.23	27.48	3.26	29.76	3.33	31.54	3.39
	18 + 18	14	32.35	1.84	34.36	1.91	36.37	1.98	37.82	2.00	40.39	2.04	42.40	2.08
		20	32.33	1.87	34.33	1.93	36.34	2.01	37.79	2.03	40.36	2.07	42.36	2.11
		25	32.30	1.89	34.31	1.96	36.31	2.03	37.76	2.06	40.32	2.10	42.33	2.14
		30	32.28	1.92	34.28	1.99	36.28	2.06	37.73	2.09	40.29	2.12	42.30	2.17
		35	32.25	1.95	34.25	2.02	36.26	2.09	37.70	2.11	40.26	2.15	42.27	2.20
		40	32.23	1.97	34.23	2.04	36.23	2.12	37.67	2.14	40.23	2.18	42.23	2.23
		45	32.20	2.00	34.20	2.07	36.20	2.15	37.65	2.17	40.20	2.21	42.20	2.26
		50	32.18	2.02	34.18	2.10	36.17	2.18	37.62	2.20	40.17	2.24	42.17	2.29
		55	32.15	2.05	34.15	2.13	36.15	2.20	37.59	2.23	40.14	2.27	42.14	2.32
		60	32.13	2.08	34.12	2.15	36.12	2.23	37.56	2.26	40.11	2.30	42.10	2.35
		65	32.10	2.10	34.10	2.18	36.09	2.26	37.53	2.29	40.08	2.33	42.07	2.38
		70	32.08	2.13	34.07	2.21	36.06	2.29	37.50	2.32	40.05	2.36	42.04	2.41
		75	31.31	2.25	33.29	2.33	35.28	2.41	36.72	2.44	39.26	2.49	41.24	2.54
		80	30.53	2.36	32.52	2.45	34.50	2.54	35.93	2.57	38.46	2.61	40.45	2.67
		85	29.77	2.48	31.75	2.57	33.72	2.66	35.15	2.69	37.68	2.74	39.66	2.80
		90	29.00	2.59	30.98	2.68	32.95	2.78	34.37	2.82	36.89	2.87	38.87	2.93
		95	28.17	2.71	30.14	2.80	32.10	2.91	**33.00**	**2.94**	36.03	3.00	37.99	3.06
		100	27.49	2.82	29.45	2.92	31.41	3.03	32.57	3.06	35.34	3.12	37.30	3.19
		105	26.80	2.94	28.76	3.04	30.73	3.15	32.14	3.19	34.65	3.25	36.62	3.31
		110	26.12	3.05	28.08	3.16	30.04	3.28	31.46	3.31	33.97	3.38	35.93	3.44
		115	25.43	3.17	27.39	3.28	29.36	3.40	30.77	3.44	33.28	3.50	35.24	3.57
		118	25.02	3.23	26.98	3.35	28.94	3.47	30.36	3.51	32.87	3.58	34.83	3.65
		122	24.88	3.33	26.84	3.45	28.81	3.57	30.22	3.61	32.73	3.68	34.69	3.76

TC = Total Capacity (kBtu/h).

PI = Power Input (kW).

Nominal capacity as rated: 0 ft. above sea level with 25 ft. of refrigerant piping.
0 ft. level difference between outdoor and indoor units.

Nominal cooling capacity rating obtained with air entering the indoor unit at 80°F dry bulb (DB) and 67°F wet bulb (WB), and outdoor ambient conditions of 95°F dry bulb (DB) and 75°F wet bulb (WB).

The shaded table rows indicate reference data. When operating at this temperature, these values can be different if the system is not running consistently.

Due to our policy of continuous product innovation, some specifications may change without notification.
©LG Electronics U.S.A., Inc., Englewood Cliffs, NJ. All rights reserved. "LG" is a registered trademark of LG Corp.

Table 66: LMU369HV Cooling Capacity Table — Mixed Indoor Units (continued).

Connected Indoor Units	Combination Capacity Index	Outdoor Air Temp. (°F DB)	Indoor Air Temp. °F DB / °F WB											
			68 / 57		73 / 61		77 / 64		80 / 67		86 / 72		90 / 75	
			TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
Two (2) Mixed Indoor Units	24 + 9	14	32.35	1.84	34.36	1.91	36.37	1.98	37.82	2.00	40.39	2.04	42.40	2.08
		20	32.33	1.87	34.33	1.93	36.34	2.01	37.79	2.03	40.36	2.07	42.36	2.11
		25	32.30	1.89	34.31	1.96	36.31	2.03	37.76	2.06	40.32	2.10	42.33	2.14
		30	32.28	1.92	34.28	1.99	36.28	2.06	37.73	2.09	40.29	2.12	42.30	2.17
		35	32.25	1.95	34.25	2.02	36.26	2.09	37.70	2.11	40.26	2.15	42.27	2.20
		40	32.23	1.97	34.23	2.04	36.23	2.12	37.67	2.14	40.23	2.18	42.23	2.23
		45	32.20	2.00	34.20	2.07	36.20	2.15	37.65	2.17	40.20	2.21	42.20	2.26
		50	32.18	2.02	34.18	2.10	36.17	2.18	37.62	2.20	40.17	2.24	42.17	2.29
		55	32.15	2.05	34.15	2.13	36.15	2.20	37.59	2.23	40.14	2.27	42.14	2.32
		60	32.13	2.08	34.12	2.15	36.12	2.23	37.56	2.26	40.11	2.30	42.10	2.35
		65	32.10	2.10	34.10	2.18	36.09	2.26	37.53	2.29	40.08	2.33	42.07	2.38
		70	32.08	2.13	34.07	2.21	36.06	2.29	37.50	2.32	40.05	2.36	42.04	2.41
		75	31.31	2.25	33.29	2.33	35.28	2.41	36.72	2.44	39.26	2.49	41.24	2.54
		80	30.53	2.36	32.52	2.45	34.50	2.54	35.93	2.57	38.46	2.61	40.45	2.67
		85	29.77	2.48	31.75	2.57	33.72	2.66	35.15	2.69	37.68	2.74	39.66	2.80
		90	29.00	2.59	30.98	2.68	32.95	2.78	34.37	2.82	36.89	2.87	38.87	2.93
		95	28.17	2.71	30.14	2.80	32.10	2.91	**33.00**	**2.94**	36.03	3.00	37.99	3.06
		100	27.49	2.82	29.45	2.92	31.41	3.03	32.57	3.06	35.34	3.12	37.30	3.19
		105	26.80	2.94	28.76	3.04	30.73	3.15	32.14	3.19	34.65	3.25	36.62	3.31
		110	26.12	3.05	28.08	3.16	30.04	3.28	31.46	3.31	33.97	3.38	35.93	3.44
		115	25.43	3.17	27.39	3.28	29.36	3.40	30.77	3.44	33.28	3.50	35.24	3.57
		118	25.02	3.23	26.98	3.35	28.94	3.47	30.36	3.51	32.87	3.58	34.83	3.65
		122	24.88	3.33	26.84	3.45	28.81	3.57	30.22	3.61	32.73	3.68	34.69	3.76
	24 + 12	14	32.35	1.84	34.36	1.91	36.37	1.98	37.82	2.00	40.39	2.04	42.40	2.08
		20	32.33	1.87	34.33	1.93	36.34	2.01	37.79	2.03	40.36	2.07	42.36	2.11
		25	32.30	1.89	34.31	1.96	36.31	2.03	37.76	2.06	40.32	2.10	42.33	2.14
		30	32.28	1.92	34.28	1.99	36.28	2.06	37.73	2.09	40.29	2.12	42.30	2.17
		35	32.25	1.95	34.25	2.02	36.26	2.09	37.70	2.11	40.26	2.15	42.27	2.20
		40	32.23	1.97	34.23	2.04	36.23	2.12	37.67	2.14	40.23	2.18	42.23	2.23
		45	32.20	2.00	34.20	2.07	36.20	2.15	37.65	2.17	40.20	2.21	42.20	2.26
		50	32.18	2.02	34.18	2.10	36.17	2.18	37.62	2.20	40.17	2.24	42.17	2.29
		55	32.15	2.05	34.15	2.13	36.15	2.20	37.59	2.23	40.14	2.27	42.14	2.32
		60	32.13	2.08	34.12	2.15	36.12	2.23	37.56	2.26	40.11	2.30	42.10	2.35
		65	32.10	2.10	34.10	2.18	36.09	2.26	37.53	2.29	40.08	2.33	42.07	2.38
		70	32.08	2.13	34.07	2.21	36.06	2.29	37.50	2.32	40.05	2.36	42.04	2.41
		75	31.31	2.25	33.29	2.33	35.28	2.41	36.72	2.44	39.26	2.49	41.24	2.54
		80	30.53	2.36	32.52	2.45	34.50	2.54	35.93	2.57	38.46	2.61	40.45	2.67
		85	29.77	2.48	31.75	2.57	33.72	2.66	35.15	2.69	37.68	2.74	39.66	2.80
		90	29.00	2.59	30.98	2.68	32.95	2.78	34.37	2.82	36.89	2.87	38.87	2.93
		95	28.17	2.71	30.14	2.80	32.10	2.91	**33.00**	**2.94**	36.03	3.00	37.99	3.06
		100	27.49	2.82	29.45	2.92	31.41	3.03	32.57	3.06	35.34	3.12	37.30	3.19
		105	26.80	2.94	28.76	3.04	30.73	3.15	32.14	3.19	34.65	3.25	36.62	3.31
		110	26.12	3.05	28.08	3.16	30.04	3.28	31.46	3.31	33.97	3.38	35.93	3.44
		115	25.43	3.17	27.39	3.28	29.36	3.40	30.77	3.44	33.28	3.50	35.24	3.57
		118	25.02	3.23	26.98	3.35	28.94	3.47	30.36	3.51	32.87	3.58	34.83	3.65
		122	24.88	3.33	26.84	3.45	28.81	3.57	30.22	3.61	32.73	3.68	34.69	3.76

TC = Total Capacity (kBtu/h).

PI = Power Input (kW).

Nominal capacity as rated: 0 ft. above sea level with 25 ft. of refrigerant piping.
0 ft. level difference between outdoor and indoor units.

Nominal cooling capacity rating obtained with air entering the indoor unit at 80°F dry bulb (DB) and 67°F wet bulb (WB), and outdoor ambient conditions of 95°F dry bulb (DB) and 75°F wet bulb (WB).

The shaded table rows indicate reference data. When operating at this temperature, these values can be different if the system is not running consistently.

Due to our policy of continuous product innovation, some specifications may change without notification.
©LG Electronics U.S.A., Inc., Englewood Cliffs, NJ. All rights reserved. "LG" is a registered trademark of LG Corp.

PERFORMANCE DATA

Cooling Capacity Tables

Table 67: LMU369HV Cooling Capacity Table — Mixed Indoor Units (continued).

Connected Indoor Units	Combination Capacity Index	Outdoor Air Temp. (°F DB)	Indoor Air Temp. °F DB / °F WB											
			68 / 57		73 / 61		77 / 64		80 / 67		86 / 72		90 / 75	
			TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
Three (3) Mixed Indoor Units	9 + 9 + 9	14	26.47	1.55	28.11	1.61	29.76	1.66	30.94	1.68	33.04	1.71	34.69	1.75
		20	26.45	1.57	28.09	1.63	29.73	1.69	30.92	1.71	33.02	1.74	34.66	1.77
		25	26.43	1.59	28.07	1.65	29.71	1.71	30.90	1.73	32.99	1.76	34.63	1.80
		30	26.41	1.62	28.05	1.67	29.69	1.74	30.87	1.76	32.97	1.79	34.61	1.82
		35	26.39	1.64	28.03	1.70	29.66	1.76	30.85	1.78	32.94	1.81	34.58	1.85
		40	26.37	1.66	28.00	1.72	29.64	1.78	30.82	1.80	32.92	1.84	34.55	1.87
		45	26.35	1.68	27.98	1.74	29.62	1.81	30.80	1.83	32.89	1.86	34.53	1.90
		50	26.33	1.70	27.96	1.77	29.60	1.83	30.78	1.85	32.87	1.89	34.50	1.93
		55	26.31	1.73	27.94	1.79	29.57	1.86	30.75	1.88	32.84	1.91	34.48	1.95
		60	26.29	1.75	27.92	1.81	29.55	1.88	30.73	1.90	32.82	1.94	34.45	1.98
		65	26.27	1.77	27.90	1.84	29.53	1.90	30.71	1.93	32.79	1.96	34.42	2.00
		70	26.25	1.79	27.88	1.86	29.51	1.93	30.68	1.95	32.77	1.99	34.40	2.03
		75	25.61	1.89	27.24	1.96	28.87	2.03	30.04	2.05	32.12	2.09	33.74	2.13
		80	24.98	1.99	26.60	2.06	28.23	2.13	29.40	2.16	31.47	2.20	33.09	2.24
		85	24.36	2.08	25.97	2.16	27.59	2.24	28.76	2.26	30.83	2.31	32.45	2.35
		90	23.73	2.18	25.34	2.26	26.96	2.34	28.12	2.37	30.19	2.41	31.80	2.46
		95	23.05	2.28	24.66	2.36	26.26	2.45	**27.00**	**2.48**	29.48	2.52	31.08	2.57
		100	22.49	2.37	24.10	2.46	25.70	2.55	26.65	2.58	28.91	2.63	30.52	2.68
		105	21.93	2.47	23.53	2.56	25.14	2.65	26.30	2.69	28.35	2.74	29.96	2.79
		110	21.37	2.57	22.97	2.66	24.58	2.76	25.74	2.79	27.79	2.84	29.40	2.90
		115	20.81	2.66	22.41	2.76	24.02	2.86	25.18	2.90	27.23	2.95	28.84	3.01
		118	20.47	2.72	22.08	2.82	23.68	2.93	24.84	2.96	26.89	3.01	28.50	3.07
		122	20.36	2.80	21.96	2.90	23.57	3.01	24.73	3.04	26.78	3.10	28.39	3.16
	9 + 9 + 12	14	29.41	1.66	31.24	1.72	33.06	1.79	34.38	1.81	36.71	1.84	38.54	1.88
		20	29.39	1.69	31.21	1.75	33.04	1.81	34.35	1.83	36.69	1.87	38.51	1.90
		25	29.36	1.71	31.19	1.77	33.01	1.84	34.33	1.86	36.66	1.89	38.48	1.93
		30	29.34	1.73	31.16	1.80	32.99	1.86	34.30	1.88	36.63	1.92	38.45	1.96
		35	29.32	1.76	31.14	1.82	32.96	1.89	34.28	1.91	36.60	1.95	38.42	1.98
		40	29.30	1.78	31.12	1.85	32.94	1.91	34.25	1.94	36.57	1.97	38.39	2.01
		45	29.27	1.80	31.09	1.87	32.91	1.94	34.22	1.96	36.55	2.00	38.36	2.04
		50	29.25	1.83	31.07	1.90	32.89	1.96	34.20	1.99	36.52	2.02	38.34	2.07
		55	29.23	1.85	31.04	1.92	32.86	1.99	34.17	2.01	36.49	2.05	38.31	2.09
		60	29.21	1.88	31.02	1.94	32.83	2.02	34.14	2.04	36.46	2.08	38.28	2.12
		65	29.18	1.90	31.00	1.97	32.81	2.04	34.12	2.07	36.43	2.10	38.25	2.15
		70	29.16	1.92	30.97	1.99	32.78	2.07	34.09	2.09	36.41	2.13	38.22	2.17
		75	28.46	2.03	30.27	2.10	32.07	2.18	33.38	2.20	35.69	2.25	37.49	2.29
		80	27.76	2.13	29.56	2.21	31.36	2.29	32.66	2.32	34.97	2.36	36.77	2.41
		85	27.06	2.24	28.86	2.32	30.66	2.40	31.96	2.43	34.25	2.47	36.05	2.52
		90	26.37	2.34	28.16	2.42	29.95	2.51	31.25	2.54	33.54	2.59	35.33	2.64
		95	25.61	2.44	27.40	2.53	29.18	2.62	**30.00**	**2.66**	32.75	2.70	34.53	2.76
		100	24.99	2.55	26.77	2.64	28.56	2.74	29.61	2.77	32.13	2.82	33.91	2.88
		105	24.37	2.65	26.15	2.75	27.93	2.85	29.22	2.88	31.50	2.93	33.29	2.99
		110	23.74	2.75	25.53	2.86	27.31	2.96	28.60	2.99	30.88	3.05	32.66	3.11
		115	23.12	2.86	24.90	2.96	26.69	3.07	27.98	3.11	30.26	3.16	32.04	3.23
		118	22.74	2.92	24.53	3.03	26.31	3.14	27.60	3.17	29.88	3.23	31.67	3.30
		122	22.62	3.00	24.40	3.11	26.19	3.23	27.48	3.26	29.76	3.33	31.54	3.39

TC = Total Capacity (kBtu/h).

PI = Power Input (kW).

Nominal capacity as rated: 0 ft. above sea level with 25 ft. of refrigerant piping.
0 ft. level difference between outdoor and indoor units.

Nominal cooling capacity rating obtained with air entering the indoor unit at 80ºF dry bulb (DB) and 67ºF wet bulb (WB), and outdoor ambient conditions of 95ºF dry bulb (DB) and 75ºF wet bulb (WB).

The shaded table rows indicate reference data. When operating at this temperature, these values can be different if the system is not running consistently.

Due to our policy of continuous product innovation, some specifications may change without notification.
©LG Electronics U.S.A., Inc., Englewood Cliffs, NJ. All rights reserved. "LG" is a registered trademark of LG Corp.

Table 68: LMU369HV Cooling Capacity Table — Mixed Indoor Units (continued).

Connected Indoor Units	Combination Capacity Index	Outdoor Air Temp. (°F DB)	Indoor Air Temp. °F DB / °F WB											
			68 / 57		73 / 61		77 / 64		80 / 67		86 / 72		90 / 75	
			TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
Three (3) Mixed Indoor Units	9 + 12 + 12	14	32.35	1.75	34.36	1.82	36.37	1.88	37.82	1.90	40.39	1.94	42.40	1.98
		20	32.33	1.78	34.33	1.84	36.34	1.91	37.79	1.93	40.36	1.97	42.36	2.01
		25	32.30	1.80	34.31	1.87	36.31	1.94	37.76	1.96	40.32	2.00	42.33	2.04
		30	32.28	1.83	34.28	1.89	36.28	1.96	37.73	1.99	40.29	2.02	42.30	2.06
		35	32.25	1.85	34.25	1.92	36.26	1.99	37.70	2.01	40.26	2.05	42.27	2.09
		40	32.23	1.88	34.23	1.95	36.23	2.02	37.67	2.04	40.23	2.08	42.23	2.12
		45	32.20	1.90	34.20	1.97	36.20	2.04	37.65	2.07	40.20	2.11	42.20	2.15
		50	32.18	1.93	34.18	2.00	36.17	2.07	37.62	2.10	40.17	2.13	42.17	2.18
		55	32.15	1.95	34.15	2.02	36.15	2.10	37.59	2.12	40.14	2.16	42.14	2.21
		60	32.13	1.98	34.12	2.05	36.12	2.13	37.56	2.15	40.11	2.19	42.10	2.23
		65	32.10	2.00	34.10	2.08	36.09	2.15	37.53	2.18	40.08	2.22	42.07	2.26
		70	32.08	2.03	34.07	2.10	36.06	2.18	37.50	2.21	40.05	2.25	42.04	2.29
		75	31.31	2.14	33.29	2.22	35.28	2.30	36.72	2.32	39.26	2.37	41.24	2.42
		80	30.53	2.25	32.52	2.33	34.50	2.42	35.93	2.44	38.46	2.49	40.45	2.54
		85	29.77	2.36	31.75	2.44	33.72	2.53	35.15	2.56	37.68	2.61	39.66	2.66
		90	29.00	2.47	30.98	2.56	32.95	2.65	34.37	2.68	36.89	2.73	38.87	2.79
		95	28.17	2.58	30.14	2.67	32.10	2.77	**33.00**	**2.80**	36.03	2.85	37.99	2.91
		100	27.49	2.69	29.45	2.78	31.41	2.89	32.57	2.92	35.34	2.97	37.30	3.03
		105	26.80	2.80	28.76	2.90	30.73	3.00	32.14	3.04	34.65	3.09	36.62	3.16
		110	26.12	2.90	28.08	3.01	30.04	3.12	31.46	3.16	33.97	3.22	35.93	3.28
		115	25.43	3.01	27.39	3.12	29.36	3.24	30.77	3.28	33.28	3.34	35.24	3.40
		118	25.02	3.08	26.98	3.19	28.94	3.31	30.36	3.35	32.87	3.41	34.83	3.48
		122	24.88	3.17	26.84	3.28	28.81	3.40	30.22	3.44	32.73	3.51	34.69	3.58
	12 + 12 + 12	14	33.33	1.74	35.40	1.80	37.47	1.87	38.96	1.89	41.61	1.93	43.68	1.96
		20	33.30	1.76	35.37	1.83	37.44	1.90	38.94	1.92	41.58	1.95	43.65	1.99
		25	33.28	1.79	35.35	1.86	37.41	1.92	38.91	1.94	41.55	1.98	43.61	2.02
		30	33.25	1.81	35.32	1.88	37.38	1.95	38.88	1.97	41.51	2.01	43.58	2.05
		35	33.23	1.84	35.29	1.91	37.36	1.98	38.85	2.00	41.48	2.04	43.55	2.08
		40	33.20	1.86	35.27	1.93	37.33	2.00	38.82	2.03	41.45	2.06	43.51	2.11
		45	33.18	1.89	35.24	1.96	37.30	2.03	38.79	2.05	41.42	2.09	43.48	2.13
		50	33.15	1.91	35.21	1.98	37.27	2.06	38.76	2.08	41.39	2.12	43.45	2.16
		55	33.13	1.94	35.18	2.01	37.24	2.08	38.73	2.11	41.36	2.15	43.41	2.19
		60	33.10	1.96	35.16	2.04	37.21	2.11	38.70	2.14	41.32	2.18	43.38	2.22
		65	33.08	1.99	35.13	2.06	37.18	2.14	38.67	2.16	41.29	2.20	43.35	2.25
		70	33.05	2.01	35.10	2.09	37.16	2.16	38.64	2.19	41.26	2.23	43.31	2.28
		75	32.26	2.12	34.30	2.20	36.35	2.28	37.83	2.31	40.45	2.35	42.49	2.40
		80	31.46	2.23	33.50	2.31	35.54	2.40	37.02	2.43	39.63	2.47	41.67	2.52
		85	30.67	2.34	32.71	2.43	34.75	2.51	36.22	2.54	38.82	2.59	40.86	2.64
		90	29.88	2.45	31.92	2.54	33.95	2.63	35.42	2.66	38.01	2.71	40.05	2.77
		95	29.03	2.56	31.05	2.65	33.07	2.75	**34.00**	**2.78**	37.12	2.83	39.14	2.89
		100	28.32	2.67	30.34	2.76	32.37	2.87	33.56	2.90	36.41	2.95	38.43	3.01
		105	27.61	2.78	29.64	2.88	31.66	2.98	33.12	3.02	35.70	3.07	37.73	3.13
		110	26.91	2.88	28.93	2.99	30.95	3.10	32.41	3.13	35.00	3.19	37.02	3.26
		115	26.20	2.99	28.22	3.10	30.24	3.22	31.71	3.25	34.29	3.31	36.31	3.38
		118	25.78	3.06	27.80	3.17	29.82	3.29	31.28	3.32	33.87	3.39	35.89	3.45
		122	25.63	3.15	27.66	3.26	29.68	3.38	31.14	3.42	33.72	3.48	35.75	3.55

TC = Total Capacity (kBtu/h).

PI = Power Input (kW).

Nominal capacity as rated: 0 ft. above sea level with 25 ft. of refrigerant piping.
0 ft. level difference between outdoor and indoor units.

Nominal cooling capacity rating obtained with air entering the indoor unit at 80ºF dry bulb (DB) and 67ºF wet bulb (WB), and outdoor ambient conditions of 95ºF dry bulb (DB) and 75ºF wet bulb (WB).

The shaded table rows indicate reference data. When operating at this temperature, these values can be different if the system is not running consistently.

Due to our policy of continuous product innovation, some specifications may change without notification.
©LG Electronics U.S.A., Inc., Englewood Cliffs, NJ. All rights reserved. "LG" is a registered trademark of LG Corp.

PERFORMANCE DATA

Cooling Capacity Tables

Table 69: LMU369HV Cooling Capacity Table — Mixed Indoor Units (continued).

Connected Indoor Units	Combination Capacity Index	Outdoor Air Temp. (°F DB)	Indoor Air Temp. °F DB / °F WB											
			68 / 57		73 / 61		77 / 64		80 / 67		86 / 72		90 / 75	
			TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
Three (3) Mixed Indoor Units	9 + 9 + 18	14	33.33	1.74	35.40	1.80	37.47	1.87	38.96	1.89	41.61	1.93	43.68	1.96
		20	33.30	1.76	35.37	1.83	37.44	1.90	38.94	1.92	41.58	1.95	43.65	1.99
		25	33.28	1.79	35.35	1.86	37.41	1.92	38.91	1.94	41.55	1.98	43.61	2.02
		30	33.25	1.81	35.32	1.88	37.38	1.95	38.88	1.97	41.51	2.01	43.58	2.05
		35	33.23	1.84	35.29	1.91	37.36	1.98	38.85	2.00	41.48	2.04	43.55	2.08
		40	33.20	1.86	35.27	1.93	37.33	2.00	38.82	2.03	41.45	2.06	43.51	2.11
		45	33.18	1.89	35.24	1.96	37.30	2.03	38.79	2.05	41.42	2.09	43.48	2.13
		50	33.15	1.91	35.21	1.98	37.27	2.06	38.76	2.08	41.39	2.12	43.45	2.16
		55	33.13	1.94	35.18	2.01	37.24	2.08	38.73	2.11	41.36	2.15	43.41	2.19
		60	33.10	1.96	35.16	2.04	37.21	2.11	38.70	2.14	41.32	2.18	43.38	2.22
		65	33.08	1.99	35.13	2.06	37.18	2.14	38.67	2.16	41.29	2.20	43.35	2.25
		70	33.05	2.01	35.10	2.09	37.16	2.16	38.64	2.19	41.26	2.23	43.31	2.28
		75	32.26	2.12	34.30	2.20	36.35	2.28	37.83	2.31	40.45	2.35	42.49	2.40
		80	31.46	2.23	33.50	2.31	35.54	2.40	37.02	2.43	39.63	2.47	41.67	2.52
		85	30.67	2.34	32.71	2.43	34.75	2.51	36.22	2.54	38.82	2.59	40.86	2.64
		90	29.88	2.45	31.92	2.54	33.95	2.63	35.42	2.66	38.01	2.71	40.05	2.77
		95	29.03	2.56	31.05	2.65	33.07	2.75	**34.00**	**2.78**	37.12	2.83	39.14	2.89
		100	28.32	2.67	30.34	2.76	32.37	2.87	33.56	2.90	36.41	2.95	38.43	3.01
		105	27.61	2.78	29.64	2.88	31.66	2.98	33.12	3.02	35.70	3.07	37.73	3.13
		110	26.91	2.88	28.93	2.99	30.95	3.10	32.41	3.13	35.00	3.19	37.02	3.26
		115	26.20	2.99	28.22	3.10	30.24	3.22	31.71	3.25	34.29	3.31	36.31	3.38
		118	25.78	3.06	27.80	3.17	29.82	3.29	31.28	3.32	33.87	3.39	35.89	3.45
		122	25.63	3.15	27.66	3.26	29.68	3.38	31.14	3.42	33.72	3.48	35.75	3.55
	9 + 12 + 18	14	33.33	1.74	35.40	1.80	37.47	1.87	38.96	1.89	41.61	1.93	43.68	1.96
		20	33.30	1.76	35.37	1.83	37.44	1.90	38.94	1.92	41.58	1.95	43.65	1.99
		25	33.28	1.79	35.35	1.86	37.41	1.92	38.91	1.94	41.55	1.98	43.61	2.02
		30	33.25	1.81	35.32	1.88	37.38	1.95	38.88	1.97	41.51	2.01	43.58	2.05
		35	33.23	1.84	35.29	1.91	37.36	1.98	38.85	2.00	41.48	2.04	43.55	2.08
		40	33.20	1.86	35.27	1.93	37.33	2.00	38.82	2.03	41.45	2.06	43.51	2.11
		45	33.18	1.89	35.24	1.96	37.30	2.03	38.79	2.05	41.42	2.09	43.48	2.13
		50	33.15	1.91	35.21	1.98	37.27	2.06	38.76	2.08	41.39	2.12	43.45	2.16
		55	33.13	1.94	35.18	2.01	37.24	2.08	38.73	2.11	41.36	2.15	43.41	2.19
		60	33.10	1.96	35.16	2.04	37.21	2.11	38.70	2.14	41.32	2.18	43.38	2.22
		65	33.08	1.99	35.13	2.06	37.18	2.14	38.67	2.16	41.29	2.20	43.35	2.25
		70	33.05	2.01	35.10	2.09	37.16	2.16	38.64	2.19	41.26	2.23	43.31	2.28
		75	32.26	2.12	34.30	2.20	36.35	2.28	37.83	2.31	40.45	2.35	42.49	2.40
		80	31.46	2.23	33.50	2.31	35.54	2.40	37.02	2.43	39.63	2.47	41.67	2.52
		85	30.67	2.34	32.71	2.43	34.75	2.51	36.22	2.54	38.82	2.59	40.86	2.64
		90	29.88	2.45	31.92	2.54	33.95	2.63	35.42	2.66	38.01	2.71	40.05	2.77
		95	29.03	2.56	31.05	2.65	33.07	2.75	**34.00**	**2.78**	37.12	2.83	39.14	2.89
		100	28.32	2.67	30.34	2.76	32.37	2.87	33.56	2.90	36.41	2.95	38.43	3.01
		105	27.61	2.78	29.64	2.88	31.66	2.98	33.12	3.02	35.70	3.07	37.73	3.13
		110	26.91	2.88	28.93	2.99	30.95	3.10	32.41	3.13	35.00	3.19	37.02	3.26
		115	26.20	2.99	28.22	3.10	30.24	3.22	31.71	3.25	34.29	3.31	36.31	3.38
		118	25.78	3.06	27.80	3.17	29.82	3.29	31.28	3.32	33.87	3.39	35.89	3.45
		122	25.63	3.15	27.66	3.26	29.68	3.38	31.14	3.42	33.72	3.48	35.75	3.55

TC = Total Capacity (kBtu/h).

PI = Power Input (kW).

Nominal capacity as rated: 0 ft. above sea level with 25 ft. of refrigerant piping.
0 ft. level difference between outdoor and indoor units.

Nominal cooling capacity rating obtained with air entering the indoor unit at 80ºF dry bulb (DB) and 67ºF wet bulb (WB), and outdoor ambient conditions of 95ºF dry bulb (DB) and 75ºF wet bulb (WB).

The shaded table rows indicate reference data. When operating at this temperature, these values can be different if the system is not running consistently.

Due to our policy of continuous product innovation, some specifications may change without notification.
©LG Electronics U.S.A., Inc., Englewood Cliffs, NJ. All rights reserved. "LG" is a registered trademark of LG Corp.

Table 70: LMU369HV Cooling Capacity Table — Mixed Indoor Units (continued).

Connected Indoor Units	Combination Capacity Index	Outdoor Air Temp. (°F DB)	Indoor Air Temp. °F DB / °F WB											
			68 / 57		73 / 61		77 / 64		80 / 67		86 / 72		90 / 75	
			TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
Three (3) Mixed Indoor Units	12 + 12 + 18	14	33.33	1.74	35.40	1.80	37.47	1.87	38.96	1.89	41.61	1.93	43.68	1.96
		20	33.30	1.76	35.37	1.83	37.44	1.90	38.94	1.92	41.58	1.95	43.65	1.99
		25	33.28	1.79	35.35	1.86	37.41	1.92	38.91	1.94	41.55	1.98	43.61	2.02
		30	33.25	1.81	35.32	1.88	37.38	1.95	38.88	1.97	41.51	2.01	43.58	2.05
		35	33.23	1.84	35.29	1.91	37.36	1.98	38.85	2.00	41.48	2.04	43.55	2.08
		40	33.20	1.86	35.27	1.93	37.33	2.00	38.82	2.03	41.45	2.06	43.51	2.11
		45	33.18	1.89	35.24	1.96	37.30	2.03	38.79	2.05	41.42	2.09	43.48	2.13
		50	33.15	1.91	35.21	1.98	37.27	2.06	38.76	2.08	41.39	2.12	43.45	2.16
		55	33.13	1.94	35.18	2.01	37.24	2.08	38.73	2.11	41.36	2.15	43.41	2.19
		60	33.10	1.96	35.16	2.04	37.21	2.11	38.70	2.14	41.32	2.18	43.38	2.22
		65	33.08	1.99	35.13	2.06	37.18	2.14	38.67	2.16	41.29	2.20	43.35	2.25
		70	33.05	2.01	35.10	2.09	37.16	2.16	38.64	2.19	41.26	2.23	43.31	2.28
		75	32.26	2.12	34.30	2.20	36.35	2.28	37.83	2.31	40.45	2.35	42.49	2.40
		80	31.46	2.23	33.50	2.31	35.54	2.40	37.02	2.43	39.63	2.47	41.67	2.52
		85	30.67	2.34	32.71	2.43	34.75	2.51	36.22	2.54	38.82	2.59	40.86	2.64
		90	29.88	2.45	31.92	2.54	33.95	2.63	35.42	2.66	38.01	2.71	40.05	2.77
		95	29.03	2.56	31.05	2.65	33.07	2.75	**34.00**	**2.78**	37.12	2.83	39.14	2.89
		100	28.32	2.67	30.34	2.76	32.37	2.87	33.56	2.90	36.41	2.95	38.43	3.01
		105	27.61	2.78	29.64	2.88	31.66	2.98	33.12	3.02	35.70	3.07	37.73	3.13
		110	26.91	2.88	28.93	2.99	30.95	3.10	32.41	3.13	35.00	3.19	37.02	3.26
		115	26.20	2.99	28.22	3.10	30.24	3.22	31.71	3.25	34.29	3.31	36.31	3.38
		118	25.78	3.06	27.80	3.17	29.82	3.29	31.28	3.32	33.87	3.39	35.89	3.45
		122	25.63	3.15	27.66	3.26	29.68	3.38	31.14	3.42	33.72	3.48	35.75	3.55
	9 + 18 + 18	14	33.33	1.74	35.40	1.80	37.47	1.87	38.96	1.89	41.61	1.93	43.68	1.96
		20	33.30	1.76	35.37	1.83	37.44	1.90	38.94	1.92	41.58	1.95	43.65	1.99
		25	33.28	1.79	35.35	1.86	37.41	1.92	38.91	1.94	41.55	1.98	43.61	2.02
		30	33.25	1.81	35.32	1.88	37.38	1.95	38.88	1.97	41.51	2.01	43.58	2.05
		35	33.23	1.84	35.29	1.91	37.36	1.98	38.85	2.00	41.48	2.04	43.55	2.08
		40	33.20	1.86	35.27	1.93	37.33	2.00	38.82	2.03	41.45	2.06	43.51	2.11
		45	33.18	1.89	35.24	1.96	37.30	2.03	38.79	2.05	41.42	2.09	43.48	2.13
		50	33.15	1.91	35.21	1.98	37.27	2.06	38.76	2.08	41.39	2.12	43.45	2.16
		55	33.13	1.94	35.18	2.01	37.24	2.08	38.73	2.11	41.36	2.15	43.41	2.19
		60	33.10	1.96	35.16	2.04	37.21	2.11	38.70	2.14	41.32	2.18	43.38	2.22
		65	33.08	1.99	35.13	2.06	37.18	2.14	38.67	2.16	41.29	2.20	43.35	2.25
		70	33.05	2.01	35.10	2.09	37.16	2.16	38.64	2.19	41.26	2.23	43.31	2.28
		75	32.26	2.12	34.30	2.20	36.35	2.28	37.83	2.31	40.45	2.35	42.49	2.40
		80	31.46	2.23	33.50	2.31	35.54	2.40	37.02	2.43	39.63	2.47	41.67	2.52
		85	30.67	2.34	32.71	2.43	34.75	2.51	36.22	2.54	38.82	2.59	40.86	2.64
		90	29.88	2.45	31.92	2.54	33.95	2.63	35.42	2.66	38.01	2.71	40.05	2.77
		95	29.03	2.56	31.05	2.65	33.07	2.75	**34.00**	**2.78**	37.12	2.83	39.14	2.89
		100	28.32	2.67	30.34	2.76	32.37	2.87	33.56	2.90	36.41	2.95	38.43	3.01
		105	27.61	2.78	29.64	2.88	31.66	2.98	33.12	3.02	35.70	3.07	37.73	3.13
		110	26.91	2.88	28.93	2.99	30.95	3.10	32.41	3.13	35.00	3.19	37.02	3.26
		115	26.20	2.99	28.22	3.10	30.24	3.22	31.71	3.25	34.29	3.31	36.31	3.38
		118	25.78	3.06	27.80	3.17	29.82	3.29	31.28	3.32	33.87	3.39	35.89	3.45
		122	25.63	3.15	27.66	3.26	29.68	3.38	31.14	3.42	33.72	3.48	35.75	3.55

TC = Total Capacity (kBtu/h).

PI = Power Input (kW).

Nominal capacity as rated: 0 ft. above sea level with 25 ft. of refrigerant piping.
0 ft. level difference between outdoor and indoor units.

Nominal cooling capacity rating obtained with air entering the indoor unit at 80°F dry bulb (DB) and 67°F wet bulb (WB), and outdoor ambient conditions of 95°F dry bulb (DB) and 75°F wet bulb (WB).

The shaded table columns and rows indicate reference data. When operating at this temperature, these values can be different if the system is not running consistently.

Due to our policy of continuous product innovation, some specifications may change without notification.
©LG Electronics U.S.A., Inc., Englewood Cliffs, NJ. All rights reserved. "LG" is a registered trademark of LG Corp.

PERFORMANCE DATA

Cooling Capacity Tables

Table 71: LMU369HV Cooling Capacity Table — Mixed Indoor Units (continued).

Connected Indoor Units	Combination Capacity Index	Outdoor Air Temp. (°F DB)	Indoor Air Temp. °F DB / °F WB											
			68 / 57		73 / 61		77 / 64		80 / 67		86 / 72		90 / 75	
			TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
Three (3) Mixed Indoor Units	12 + 18 + 18	14	33.33	1.74	35.40	1.80	37.47	1.87	38.96	1.89	41.61	1.93	43.68	1.96
		20	33.30	1.76	35.37	1.83	37.44	1.90	38.94	1.92	41.58	1.95	43.65	1.99
		25	33.28	1.79	35.35	1.86	37.41	1.92	38.91	1.94	41.55	1.98	43.61	2.02
		30	33.25	1.81	35.32	1.88	37.38	1.95	38.88	1.97	41.51	2.01	43.58	2.05
		35	33.23	1.84	35.29	1.91	37.36	1.98	38.85	2.00	41.48	2.04	43.55	2.08
		40	33.20	1.86	35.27	1.93	37.33	2.00	38.82	2.03	41.45	2.06	43.51	2.11
		45	33.18	1.89	35.24	1.96	37.30	2.03	38.79	2.05	41.42	2.09	43.48	2.13
		50	33.15	1.91	35.21	1.98	37.27	2.06	38.76	2.08	41.39	2.12	43.45	2.16
		55	33.13	1.94	35.18	2.01	37.24	2.08	38.73	2.11	41.36	2.15	43.41	2.19
		60	33.10	1.96	35.16	2.04	37.21	2.11	38.70	2.14	41.32	2.18	43.38	2.22
		65	33.08	1.99	35.13	2.06	37.18	2.14	38.67	2.16	41.29	2.20	43.35	2.25
		70	33.05	2.01	35.10	2.09	37.16	2.16	38.64	2.19	41.26	2.23	43.31	2.28
		75	32.26	2.12	34.30	2.20	36.35	2.28	37.83	2.31	40.45	2.35	42.49	2.40
		80	31.46	2.23	33.50	2.31	35.54	2.40	37.02	2.43	39.63	2.47	41.67	2.52
		85	30.67	2.34	32.71	2.43	34.75	2.51	36.22	2.54	38.82	2.59	40.86	2.64
		90	29.88	2.45	31.92	2.54	33.95	2.63	35.42	2.66	38.01	2.71	40.05	2.77
		95	29.03	2.56	31.05	2.65	33.07	2.75	**34.00**	**2.78**	37.12	2.83	39.14	2.89
		100	28.32	2.67	30.34	2.76	32.37	2.87	33.56	2.90	36.41	2.95	38.43	3.01
		105	27.61	2.78	29.64	2.88	31.66	2.98	33.12	3.02	35.70	3.07	37.73	3.13
		110	26.91	2.88	28.93	2.99	30.95	3.10	32.41	3.13	35.00	3.19	37.02	3.26
		115	26.20	2.99	28.22	3.10	30.24	3.22	31.71	3.25	34.29	3.31	36.31	3.38
		118	25.78	3.06	27.80	3.17	29.82	3.29	31.28	3.32	33.87	3.39	35.89	3.45
		122	25.63	3.15	27.66	3.26	29.68	3.38	31.14	3.42	33.72	3.48	35.75	3.55
Four (4) Mixed Indoor Units	9 + 9 + 9 + 9	14	33.33	1.74	35.40	1.80	37.47	1.87	38.96	1.89	41.61	1.93	43.68	1.96
		20	33.30	1.76	35.37	1.83	37.44	1.90	38.94	1.92	41.58	1.95	43.65	1.99
		25	33.28	1.79	35.35	1.86	37.41	1.92	38.91	1.94	41.55	1.98	43.61	2.02
		30	33.25	1.81	35.32	1.88	37.38	1.95	38.88	1.97	41.51	2.01	43.58	2.05
		35	33.23	1.84	35.29	1.91	37.36	1.98	38.85	2.00	41.48	2.04	43.55	2.08
		40	33.20	1.86	35.27	1.93	37.33	2.00	38.82	2.03	41.45	2.06	43.51	2.11
		45	33.18	1.89	35.24	1.96	37.30	2.03	38.79	2.05	41.42	2.09	43.48	2.13
		50	33.15	1.91	35.21	1.98	37.27	2.06	38.76	2.08	41.39	2.12	43.45	2.16
		55	33.13	1.94	35.18	2.01	37.24	2.08	38.73	2.11	41.36	2.15	43.41	2.19
		60	33.10	1.96	35.16	2.04	37.21	2.11	38.70	2.14	41.32	2.18	43.38	2.22
		65	33.08	1.99	35.13	2.06	37.18	2.14	38.67	2.16	41.29	2.20	43.35	2.25
		70	33.05	2.01	35.10	2.09	37.16	2.16	38.64	2.19	41.26	2.23	43.31	2.28
		75	32.26	2.12	34.30	2.20	36.35	2.28	37.83	2.31	40.45	2.35	42.49	2.40
		80	31.46	2.23	33.50	2.31	35.54	2.40	37.02	2.43	39.63	2.47	41.67	2.52
		85	30.67	2.34	32.71	2.43	34.75	2.51	36.22	2.54	38.82	2.59	40.86	2.64
		90	29.88	2.45	31.92	2.54	33.95	2.63	35.42	2.66	38.01	2.71	40.05	2.77
		95	29.03	2.56	31.05	2.65	33.07	2.75	**34.00**	**2.78**	37.12	2.83	39.14	2.89
		100	28.32	2.67	30.34	2.76	32.37	2.87	33.56	2.90	36.41	2.95	38.43	3.01
		105	27.61	2.78	29.64	2.88	31.66	2.98	33.12	3.02	35.70	3.07	37.73	3.13
		110	26.91	2.88	28.93	2.99	30.95	3.10	32.41	3.13	35.00	3.19	37.02	3.26
		115	26.20	2.99	28.22	3.10	30.24	3.22	31.71	3.25	34.29	3.31	36.31	3.38
		118	25.78	3.06	27.80	3.17	29.82	3.29	31.28	3.32	33.87	3.39	35.89	3.45
		122	25.63	3.15	27.66	3.26	29.68	3.38	31.14	3.42	33.72	3.48	35.75	3.55

TC = Total Capacity (kBtu/h).

PI = Power Input (kW).

Nominal capacity as rated: 0 ft. above sea level with 25 ft. of refrigerant piping.
0 ft. level difference between outdoor and indoor units.

Nominal cooling capacity rating obtained with air entering the indoor unit at 80°F dry bulb (DB) and 67°F wet bulb (WB), and outdoor ambient conditions of 95°F dry bulb (DB) and 75°F wet bulb (WB).

The shaded table columns and rows indicate reference data. When operating at this temperature, these values can be different if the system is not running consistently.

Due to our policy of continuous product innovation, some specifications may change without notification.
©LG Electronics U.S.A., Inc., Englewood Cliffs, NJ. All rights reserved. "LG" is a registered trademark of LG Corp.

Table 72: LMU369HV Cooling Capacity Table — Mixed Indoor Units (continued).

Connected Indoor Units	Combination Capacity Index	Outdoor Air Temp. (°F DB)	Indoor Air Temp. °F DB / °F WB											
			68 / 57		73 / 61		77 / 64		80 / 67		86 / 72		90 / 75	
			TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
Four (4) Mixed Indoor Units	9 + 9 + 9 + 12	14	33.33	1.74	35.40	1.80	37.47	1.87	38.96	1.89	41.61	1.93	43.68	1.96
		20	33.30	1.76	35.37	1.83	37.44	1.90	38.94	1.92	41.58	1.95	43.65	1.99
		25	33.28	1.79	35.35	1.86	37.41	1.92	38.91	1.94	41.55	1.98	43.61	2.02
		30	33.25	1.81	35.32	1.88	37.38	1.95	38.88	1.97	41.51	2.01	43.58	2.05
		35	33.23	1.84	35.29	1.91	37.36	1.98	38.85	2.00	41.48	2.04	43.55	2.08
		40	33.20	1.86	35.27	1.93	37.33	2.00	38.82	2.03	41.45	2.06	43.51	2.11
		45	33.18	1.89	35.24	1.96	37.30	2.03	38.79	2.05	41.42	2.09	43.48	2.13
		50	33.15	1.91	35.21	1.98	37.27	2.06	38.76	2.08	41.39	2.12	43.45	2.16
		55	33.13	1.94	35.18	2.01	37.24	2.08	38.73	2.11	41.36	2.15	43.41	2.19
		60	33.10	1.96	35.16	2.04	37.21	2.11	38.70	2.14	41.32	2.18	43.38	2.22
		65	33.08	1.99	35.13	2.06	37.18	2.14	38.67	2.16	41.29	2.20	43.35	2.25
		70	33.05	2.01	35.10	2.09	37.16	2.16	38.64	2.19	41.26	2.23	43.31	2.28
		75	32.26	2.12	34.30	2.20	36.35	2.28	37.83	2.31	40.45	2.35	42.49	2.40
		80	31.46	2.23	33.50	2.31	35.54	2.40	37.02	2.43	39.63	2.47	41.67	2.52
		85	30.67	2.34	32.71	2.43	34.75	2.51	36.22	2.54	38.82	2.59	40.86	2.64
		90	29.88	2.45	31.92	2.54	33.95	2.63	35.42	2.66	38.01	2.71	40.05	2.77
		95	29.03	2.56	31.05	2.65	33.07	2.75	**34.00**	**2.78**	37.12	2.83	39.14	2.89
		100	28.32	2.67	30.34	2.76	32.37	2.87	33.56	2.90	36.41	2.95	38.43	3.01
		105	27.61	2.78	29.64	2.88	31.66	2.98	33.12	3.02	35.70	3.07	37.73	3.13
		110	26.91	2.88	28.93	2.99	30.95	3.10	32.41	3.13	35.00	3.19	37.02	3.26
		115	26.20	2.99	28.22	3.10	30.24	3.22	31.71	3.25	34.29	3.31	36.31	3.38
		118	25.78	3.06	27.80	3.17	29.82	3.29	31.28	3.32	33.87	3.39	35.89	3.45
		122	25.63	3.15	27.66	3.26	29.68	3.38	31.14	3.42	33.72	3.48	35.75	3.55
	9 + 9 + 12 + 12	14	33.33	1.74	35.40	1.80	37.47	1.87	38.96	1.89	41.61	1.93	43.68	1.96
		20	33.30	1.76	35.37	1.83	37.44	1.90	38.94	1.92	41.58	1.95	43.65	1.99
		25	33.28	1.79	35.35	1.86	37.41	1.92	38.91	1.94	41.55	1.98	43.61	2.02
		30	33.25	1.81	35.32	1.88	37.38	1.95	38.88	1.97	41.51	2.01	43.58	2.05
		35	33.23	1.84	35.29	1.91	37.36	1.98	38.85	2.00	41.48	2.04	43.55	2.08
		40	33.20	1.86	35.27	1.93	37.33	2.00	38.82	2.03	41.45	2.06	43.51	2.11
		45	33.18	1.89	35.24	1.96	37.30	2.03	38.79	2.05	41.42	2.09	43.48	2.13
		50	33.15	1.91	35.21	1.98	37.27	2.06	38.76	2.08	41.39	2.12	43.45	2.16
		55	33.13	1.94	35.18	2.01	37.24	2.08	38.73	2.11	41.36	2.15	43.41	2.19
		60	33.10	1.96	35.16	2.04	37.21	2.11	38.70	2.14	41.32	2.18	43.38	2.22
		65	33.08	1.99	35.13	2.06	37.18	2.14	38.67	2.16	41.29	2.20	43.35	2.25
		70	33.05	2.01	35.10	2.09	37.16	2.16	38.64	2.19	41.26	2.23	43.31	2.28
		75	32.26	2.12	34.30	2.20	36.35	2.28	37.83	2.31	40.45	2.35	42.49	2.40
		80	31.46	2.23	33.50	2.31	35.54	2.40	37.02	2.43	39.63	2.47	41.67	2.52
		85	30.67	2.34	32.71	2.43	34.75	2.51	36.22	2.54	38.82	2.59	40.86	2.64
		90	29.88	2.45	31.92	2.54	33.95	2.63	35.42	2.66	38.01	2.71	40.05	2.77
		95	29.03	2.56	31.05	2.65	33.07	2.75	**34.00**	**2.78**	37.12	2.83	39.14	2.89
		100	28.32	2.67	30.34	2.76	32.37	2.87	33.56	2.90	36.41	2.95	38.43	3.01
		105	27.61	2.78	29.64	2.88	31.66	2.98	33.12	3.02	35.70	3.07	37.73	3.13
		110	26.91	2.88	28.93	2.99	30.95	3.10	32.41	3.13	35.00	3.19	37.02	3.26
		115	26.20	2.99	28.22	3.10	30.24	3.22	31.71	3.25	34.29	3.31	36.31	3.38
		118	25.78	3.06	27.80	3.17	29.82	3.29	31.28	3.32	33.87	3.39	35.89	3.45
		122	25.63	3.15	27.66	3.26	29.68	3.38	31.14	3.42	33.72	3.48	35.75	3.55

TC = Total Capacity (kBtu/h).

PI = Power Input (kW).

Nominal capacity as rated: 0 ft. above sea level with 25 ft. of refrigerant piping.
0 ft. level difference between outdoor and indoor units.

Nominal cooling capacity rating obtained with air entering the indoor unit at 80°F dry bulb (DB) and 67°F wet bulb (WB), and outdoor ambient conditions of 95°F dry bulb (DB) and 75°F wet bulb (WB).

The shaded table columns and rows indicate reference data. When operating at this temperature, these values can be different if the system is not running consistently.

Due to our policy of continuous product innovation, some specifications may change without notification.
©LG Electronics U.S.A., Inc., Englewood Cliffs, NJ. All rights reserved. "LG" is a registered trademark of LG Corp.

PERFORMANCE DATA

Cooling Capacity Tables

Table 73: LMU369HV Cooling Capacity Table — Mixed Indoor Units (continued).

Connected Indoor Units	Combination Capacity Index	Outdoor Air Temp. (°F DB)	Indoor Air Temp. °F DB / °F WB											
			68 / 57		73 / 61		77 / 64		80 / 67		86 / 72		90 / 75	
			TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
Four (4) Mixed Indoor Units	9 + 12 + 12 + 12	14	33.33	1.74	35.40	1.80	37.47	1.87	38.96	1.89	41.61	1.93	43.68	1.96
		20	33.30	1.76	35.37	1.83	37.44	1.90	38.94	1.92	41.58	1.95	43.65	1.99
		25	33.28	1.79	35.35	1.86	37.41	1.92	38.91	1.94	41.55	1.98	43.61	2.02
		30	33.25	1.81	35.32	1.88	37.38	1.95	38.88	1.97	41.51	2.01	43.58	2.05
		35	33.23	1.84	35.29	1.91	37.36	1.98	38.85	2.00	41.48	2.04	43.55	2.08
		40	33.20	1.86	35.27	1.93	37.33	2.00	38.82	2.03	41.45	2.06	43.51	2.11
		45	33.18	1.89	35.24	1.96	37.30	2.03	38.79	2.05	41.42	2.09	43.48	2.13
		50	33.15	1.91	35.21	1.98	37.27	2.06	38.76	2.08	41.39	2.12	43.45	2.16
		55	33.13	1.94	35.18	2.01	37.24	2.08	38.73	2.11	41.36	2.15	43.41	2.19
		60	33.10	1.96	35.16	2.04	37.21	2.11	38.70	2.14	41.32	2.18	43.38	2.22
		65	33.08	1.99	35.13	2.06	37.18	2.14	38.67	2.16	41.29	2.20	43.35	2.25
		70	33.05	2.01	35.10	2.09	37.16	2.16	38.64	2.19	41.26	2.23	43.31	2.28
		75	32.26	2.12	34.30	2.20	36.35	2.28	37.83	2.31	40.45	2.35	42.49	2.40
		80	31.46	2.23	33.50	2.31	35.54	2.40	37.02	2.43	39.63	2.47	41.67	2.52
		85	30.67	2.34	32.71	2.43	34.75	2.51	36.22	2.54	38.82	2.59	40.86	2.64
		90	29.88	2.45	31.92	2.54	33.95	2.63	35.42	2.66	38.01	2.71	40.05	2.77
		95	29.03	2.56	31.05	2.65	33.07	2.75	**34.00**	**2.78**	37.12	2.83	39.14	2.89
		100	28.32	2.67	30.34	2.76	32.37	2.87	33.56	2.90	36.41	2.95	38.43	3.01
		105	27.61	2.78	29.64	2.88	31.66	2.98	33.12	3.02	35.70	3.07	37.73	3.13
		110	26.91	2.88	28.93	2.99	30.95	3.10	32.41	3.13	35.00	3.19	37.02	3.26
		115	26.20	2.99	28.22	3.10	30.24	3.22	31.71	3.25	34.29	3.31	36.31	3.38
		118	25.78	3.06	27.80	3.17	29.82	3.29	31.28	3.32	33.87	3.39	35.89	3.45
		122	25.63	3.15	27.66	3.26	29.68	3.38	31.14	3.42	33.72	3.48	35.75	3.55
	9 + 9 + 9 + 18	14	33.33	1.74	35.40	1.80	37.47	1.87	38.96	1.89	41.61	1.93	43.68	1.96
		20	33.30	1.76	35.37	1.83	37.44	1.90	38.94	1.92	41.58	1.95	43.65	1.99
		25	33.28	1.79	35.35	1.86	37.41	1.92	38.91	1.94	41.55	1.98	43.61	2.02
		30	33.25	1.81	35.32	1.88	37.38	1.95	38.88	1.97	41.51	2.01	43.58	2.05
		35	33.23	1.84	35.29	1.91	37.36	1.98	38.85	2.00	41.48	2.04	43.55	2.08
		40	33.20	1.86	35.27	1.93	37.33	2.00	38.82	2.03	41.45	2.06	43.51	2.11
		45	33.18	1.89	35.24	1.96	37.30	2.03	38.79	2.05	41.42	2.09	43.48	2.13
		50	33.15	1.91	35.21	1.98	37.27	2.06	38.76	2.08	41.39	2.12	43.45	2.16
		55	33.13	1.94	35.18	2.01	37.24	2.08	38.73	2.11	41.36	2.15	43.41	2.19
		60	33.10	1.96	35.16	2.04	37.21	2.11	38.70	2.14	41.32	2.18	43.38	2.22
		65	33.08	1.99	35.13	2.06	37.18	2.14	38.67	2.16	41.29	2.20	43.35	2.25
		70	33.05	2.01	35.10	2.09	37.16	2.16	38.64	2.19	41.26	2.23	43.31	2.28
		75	32.26	2.12	34.30	2.20	36.35	2.28	37.83	2.31	40.45	2.35	42.49	2.40
		80	31.46	2.23	33.50	2.31	35.54	2.40	37.02	2.43	39.63	2.47	41.67	2.52
		85	30.67	2.34	32.71	2.43	34.75	2.51	36.22	2.54	38.82	2.59	40.86	2.64
		90	29.88	2.45	31.92	2.54	33.95	2.63	35.42	2.66	38.01	2.71	40.05	2.77
		95	29.03	2.56	31.05	2.65	33.07	2.75	**34.00**	**2.78**	37.12	2.83	39.14	2.89
		100	28.32	2.67	30.34	2.76	32.37	2.87	33.56	2.90	36.41	2.95	38.43	3.01
		105	27.61	2.78	29.64	2.88	31.66	2.98	33.12	3.02	35.70	3.07	37.73	3.13
		110	26.91	2.88	28.93	2.99	30.95	3.10	32.41	3.13	35.00	3.19	37.02	3.26
		115	26.20	2.99	28.22	3.10	30.24	3.22	31.71	3.25	34.29	3.31	36.31	3.38
		118	25.78	3.06	27.80	3.17	29.82	3.29	31.28	3.32	33.87	3.39	35.89	3.45
		122	25.63	3.15	27.66	3.26	29.68	3.38	31.14	3.42	33.72	3.48	35.75	3.55

TC = Total Capacity (kBtu/h).

PI = Power Input (kW).

Nominal capacity as rated: 0 ft. above sea level with 25 ft. of refrigerant piping.
0 ft. level difference between outdoor and indoor units.

Nominal cooling capacity rating obtained with air entering the indoor unit at 80ºF dry bulb (DB) and 67ºF wet bulb (WB), and outdoor ambient conditions of 95ºF dry bulb (DB) and 75ºF wet bulb (WB).

The shaded table columns and rows indicate reference data. When operating at this temperature, these values can be different if the system is not running consistently.

Due to our policy of continuous product innovation, some specifications may change without notification.
©LG Electronics U.S.A., Inc., Englewood Cliffs, NJ. All rights reserved. "LG" is a registered trademark of LG Corp.

Table 74: LMU369HV Cooling Capacity Table — Mixed Indoor Units (continued).

Connected Indoor Units	Combination Capacity Index	Outdoor Air Temp. (°F DB)	Indoor Air Temp. °F DB / °F WB											
			68 / 57		73 / 61		77 / 64		80 / 67		86 / 72		90 / 75	
			TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
Four (4) Mixed Indoor Units	9 + 9 + 12 + 18	14	33.33	1.74	35.40	1.80	37.47	1.87	38.96	1.89	41.61	1.93	43.68	1.96
		20	33.30	1.76	35.37	1.83	37.44	1.90	38.94	1.92	41.58	1.95	43.65	1.99
		25	33.28	1.79	35.35	1.86	37.41	1.92	38.91	1.94	41.55	1.98	43.61	2.02
		30	33.25	1.81	35.32	1.88	37.38	1.95	38.88	1.97	41.51	2.01	43.58	2.05
		35	33.23	1.84	35.29	1.91	37.36	1.98	38.85	2.00	41.48	2.04	43.55	2.08
		40	33.20	1.86	35.27	1.93	37.33	2.00	38.82	2.03	41.45	2.06	43.51	2.11
		45	33.18	1.89	35.24	1.96	37.30	2.03	38.79	2.05	41.42	2.09	43.48	2.13
		50	33.15	1.91	35.21	1.98	37.27	2.06	38.76	2.08	41.39	2.12	43.45	2.16
		55	33.13	1.94	35.18	2.01	37.24	2.08	38.73	2.11	41.36	2.15	43.41	2.19
		60	33.10	1.96	35.16	2.04	37.21	2.11	38.70	2.14	41.32	2.18	43.38	2.22
		65	33.08	1.99	35.13	2.06	37.18	2.14	38.67	2.16	41.29	2.20	43.35	2.25
		70	33.05	2.01	35.10	2.09	37.16	2.16	38.64	2.19	41.26	2.23	43.31	2.28
		75	32.26	2.12	34.30	2.20	36.35	2.28	37.83	2.31	40.45	2.35	42.49	2.40
		80	31.46	2.23	33.50	2.31	35.54	2.40	37.02	2.43	39.63	2.47	41.67	2.52
		85	30.67	2.34	32.71	2.43	34.75	2.51	36.22	2.54	38.82	2.59	40.86	2.64
		90	29.88	2.45	31.92	2.54	33.95	2.63	35.42	2.66	38.01	2.71	40.05	2.77
		95	29.03	2.56	31.05	2.65	33.07	2.75	**34.00**	**2.78**	37.12	2.83	39.14	2.89
		100	28.32	2.67	30.34	2.76	32.37	2.87	33.56	2.90	36.41	2.95	38.43	3.01
		105	27.61	2.78	29.64	2.88	31.66	2.98	33.12	3.02	35.70	3.07	37.73	3.13
		110	26.91	2.88	28.93	2.99	30.95	3.10	32.41	3.13	35.00	3.19	37.02	3.26
		115	26.20	2.99	28.22	3.10	30.24	3.22	31.71	3.25	34.29	3.31	36.31	3.38
		118	25.78	3.06	27.80	3.17	29.82	3.29	31.28	3.32	33.87	3.39	35.89	3.45
		122	25.63	3.15	27.66	3.26	29.68	3.38	31.14	3.42	33.72	3.48	35.75	3.55
	12 + 12 + 12 + 12	14	33.33	1.74	35.40	1.80	37.47	1.87	38.96	1.89	41.61	1.93	43.68	1.96
		20	33.30	1.76	35.37	1.83	37.44	1.90	38.94	1.92	41.58	1.95	43.65	1.99
		25	33.28	1.79	35.35	1.86	37.41	1.92	38.91	1.94	41.55	1.98	43.61	2.02
		30	33.25	1.81	35.32	1.88	37.38	1.95	38.88	1.97	41.51	2.01	43.58	2.05
		35	33.23	1.84	35.29	1.91	37.36	1.98	38.85	2.00	41.48	2.04	43.55	2.08
		40	33.20	1.86	35.27	1.93	37.33	2.00	38.82	2.03	41.45	2.06	43.51	2.11
		45	33.18	1.89	35.24	1.96	37.30	2.03	38.79	2.05	41.42	2.09	43.48	2.13
		50	33.15	1.91	35.21	1.98	37.27	2.06	38.76	2.08	41.39	2.12	43.45	2.16
		55	33.13	1.94	35.18	2.01	37.24	2.08	38.73	2.11	41.36	2.15	43.41	2.19
		60	33.10	1.96	35.16	2.04	37.21	2.11	38.70	2.14	41.32	2.18	43.38	2.22
		65	33.08	1.99	35.13	2.06	37.18	2.14	38.67	2.16	41.29	2.20	43.35	2.25
		70	33.05	2.01	35.10	2.09	37.16	2.16	38.64	2.19	41.26	2.23	43.31	2.28
		75	32.26	2.12	34.30	2.20	36.35	2.28	37.83	2.31	40.45	2.35	42.49	2.40
		80	31.46	2.23	33.50	2.31	35.54	2.40	37.02	2.43	39.63	2.47	41.67	2.52
		85	30.67	2.34	32.71	2.43	34.75	2.51	36.22	2.54	38.82	2.59	40.86	2.64
		90	29.88	2.45	31.92	2.54	33.95	2.63	35.42	2.66	38.01	2.71	40.05	2.77
		95	29.03	2.56	31.05	2.65	33.07	2.75	**34.00**	**2.78**	37.12	2.83	39.14	2.89
		100	28.32	2.67	30.34	2.76	32.37	2.87	33.56	2.90	36.41	2.95	38.43	3.01
		105	27.61	2.78	29.64	2.88	31.66	2.98	33.12	3.02	35.70	3.07	37.73	3.13
		110	26.91	2.88	28.93	2.99	30.95	3.10	32.41	3.13	35.00	3.19	37.02	3.26
		115	26.20	2.99	28.22	3.10	30.24	3.22	31.71	3.25	34.29	3.31	36.31	3.38
		118	25.78	3.06	27.80	3.17	29.82	3.29	31.28	3.32	33.87	3.39	35.89	3.45
		122	25.63	3.15	27.66	3.26	29.68	3.38	31.14	3.42	33.72	3.48	35.75	3.55

TC = Total Capacity (kBtu/h).

PI = Power Input (kW).

Nominal capacity as rated: 0 ft. above sea level with 25 ft. of refrigerant piping.
0 ft. level difference between outdoor and indoor units.

Nominal cooling capacity rating obtained with air entering the indoor unit at 80°F dry bulb (DB) and 67°F wet bulb (WB), and outdoor ambient conditions of 95°F dry bulb (DB) and 75°F wet bulb (WB).

The shaded table columns and rows indicate reference data. When operating at this temperature, these values can be different if the system is not running consistently.

Due to our policy of continuous product innovation, some specifications may change without notification.
©LG Electronics U.S.A., Inc., Englewood Cliffs, NJ. All rights reserved. "LG" is a registered trademark of LG Corp.

PERFORMANCE DATA

Heating Capacity Tables

Table 75: LMU187HV Heating Capacity Table — Non-Ducted Indoor Units.

Connected Indoor Units	Combination Capacity Index	Outdoor Air Temp.		Indoor Air Temp. °F DB											
		°F	°F	61		64		68		70		72		75	
		DB	WB	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
Two (2) Non-Ducted Indoor Units	9 + 9	0	-0.4	6.32	0.94	5.92	0.98	5.96	1.00	5.82	1.00	5.70	1.01	5.46	1.05
		5	4.5	8.22	0.96	7.82	1.00	7.72	1.02	7.55	1.03	7.42	1.04	7.12	1.07
		10	9	9.49	0.98	9.10	1.01	8.90	1.04	8.72	1.05	8.57	1.06	8.24	1.10
		17	15	10.88	1.00	10.50	1.03	10.20	1.06	**10.00**	**1.08**	9.84	1.09	9.46	1.13
		20	19	11.73	1.01	11.35	1.04	10.99	1.08	10.78	1.10	10.61	1.12	10.20	1.15
		25	23	13.14	1.04	12.75	1.07	12.30	1.11	12.07	1.13	11.88	1.15	11.44	1.18
		30	28	14.55	1.07	14.10	1.11	13.61	1.14	13.36	1.16	13.16	1.18	12.68	1.21
		35	32	15.96	1.10	15.45	1.14	14.93	1.17	14.66	1.20	14.44	1.22	13.92	1.25
		40	36	16.77	1.13	16.30	1.17	15.78	1.21	15.51	1.23	15.29	1.25	14.74	1.28
		45	41	17.79	1.17	17.37	1.21	16.85	1.25	16.57	1.27	16.35	1.29	15.76	1.33
		47	43	18.20	1.19	17.79	1.23	17.28	1.27	**17.00**	**1.29**	16.77	1.31	16.16	1.35
		50	46	18.25	1.18	17.88	1.22	17.44	1.25	17.19	1.27	16.99	1.29	16.41	1.32
		55	51	18.34	1.17	18.04	1.20	17.70	1.23	17.50	1.24	17.34	1.25	16.82	1.28
		60	56	18.43	1.16	18.19	1.18	17.97	1.20	17.81	1.21	17.69	1.22	17.24	1.24
		63	59	18.48	1.15	18.28	1.17	18.12	1.19	18.00	1.19	17.90	1.20	17.48	1.21
		68	64	18.54	1.14	18.37	1.16	18.28	1.17	18.19	1.17	18.11	1.18	17.73	1.19
	9 + 12	0	-0.4	6.32	0.94	5.92	0.98	5.96	1.00	5.82	1.00	5.70	1.01	5.46	1.05
		5	4.5	8.22	0.96	7.82	1.00	7.72	1.02	7.55	1.03	7.42	1.04	7.12	1.07
		10	9	9.49	0.98	9.10	1.01	8.90	1.04	8.72	1.05	8.57	1.06	8.24	1.10
		17	15	10.88	1.00	10.50	1.03	10.20	1.06	**10.00**	**1.08**	9.84	1.09	9.46	1.13
		20	19	11.73	1.01	11.35	1.04	10.99	1.08	10.78	1.10	10.61	1.12	10.20	1.15
		25	23	13.14	1.04	12.75	1.07	12.30	1.11	12.07	1.13	11.88	1.15	11.44	1.18
		30	28	14.55	1.07	14.10	1.11	13.61	1.14	13.36	1.16	13.16	1.18	12.68	1.21
		35	32	15.96	1.10	15.45	1.14	14.93	1.17	14.66	1.20	14.44	1.22	13.92	1.25
		40	36	16.77	1.13	16.30	1.17	15.78	1.21	15.51	1.23	15.29	1.25	14.74	1.28
		45	41	17.79	1.17	17.37	1.21	16.85	1.25	16.57	1.27	16.35	1.29	15.76	1.33
		47	43	18.20	1.19	17.79	1.23	17.28	1.27	**17.00**	**1.29**	16.77	1.31	16.16	1.35
		50	46	18.25	1.18	17.88	1.22	17.44	1.25	17.19	1.27	16.99	1.29	16.41	1.32
		55	51	18.34	1.17	18.04	1.20	17.70	1.23	17.50	1.24	17.34	1.25	16.82	1.28
		60	56	18.43	1.16	18.19	1.18	17.97	1.20	17.81	1.21	17.69	1.22	17.24	1.24
		63	59	18.48	1.15	18.28	1.17	18.12	1.19	18.00	1.19	17.90	1.20	17.48	1.21
		68	64	18.54	1.14	18.37	1.16	18.28	1.17	18.19	1.17	18.11	1.18	17.73	1.19
	12 + 12	0	-0.4	6.32	0.94	5.92	0.98	5.96	1.00	5.82	1.00	5.70	1.01	5.46	1.05
		5	4.5	8.22	0.96	7.82	1.00	7.72	1.02	7.55	1.03	7.42	1.04	7.12	1.07
		10	9	9.49	0.98	9.10	1.01	8.90	1.04	8.72	1.05	8.57	1.06	8.24	1.10
		17	15	10.88	1.00	10.50	1.03	10.20	1.06	**10.00**	**1.08**	9.84	1.09	9.46	1.13
		20	19	11.73	1.01	11.35	1.04	10.99	1.08	10.78	1.10	10.61	1.12	10.20	1.15
		25	23	13.14	1.04	12.75	1.07	12.30	1.11	12.07	1.13	11.88	1.15	11.44	1.18
		30	28	14.55	1.07	14.10	1.11	13.61	1.14	13.36	1.16	13.16	1.18	12.68	1.21
		35	32	15.96	1.10	15.45	1.14	14.93	1.17	14.66	1.20	14.44	1.22	13.92	1.25
		40	36	16.77	1.13	16.30	1.17	15.78	1.21	15.51	1.23	15.29	1.25	14.74	1.28
		45	41	17.79	1.17	17.37	1.21	16.85	1.25	16.57	1.27	16.35	1.29	15.76	1.33
		47	43	18.20	1.19	17.79	1.23	17.28	1.27	**17.00**	**1.29**	16.77	1.31	16.16	1.35
		50	46	18.25	1.18	17.88	1.22	17.44	1.25	17.19	1.27	16.99	1.29	16.41	1.32
		55	51	18.34	1.17	18.04	1.20	17.70	1.23	17.50	1.24	17.34	1.25	16.82	1.28
		60	56	18.43	1.16	18.19	1.18	17.97	1.20	17.81	1.21	17.69	1.22	17.24	1.24
		63	59	18.48	1.15	18.28	1.17	18.12	1.19	18.00	1.19	17.90	1.20	17.48	1.21
		68	64	18.54	1.14	18.37	1.16	18.28	1.17	18.19	1.17	18.11	1.18	17.73	1.19

TC = Total Capacity (kBtu/h).

PI = Power Input (kW).

Nominal capacity as rated: 0 ft. above sea level with 25 ft. of refrigerant piping.
0 ft. level difference between outdoor and indoor units.

Nominal heating capacity rating obtained with air entering the indoor unit at 70°F dry bulb (DB) and 60°F wet bulb (WB), and outdoor ambient conditions of 47°F dry bulb (DB) and 43°F wet bulb (WB).

Due to our policy of continuous product innovation, some specifications may change without notification.
©LG Electronics U.S.A., Inc., Englewood Cliffs, NJ. All rights reserved. "LG" is a registered trademark of LG Corp.

PERFORMANCE DATA

Heating Capacity Tables

Table 76: LMU187HV Heating Capacity Table — Ducted Indoor Units.

Connected Indoor Units	Combination Capacity Index	Outdoor Air Temp.		Indoor Air Temp. °F DB											
		°F	°F	61		64		68		70		72		75	
		DB	WB	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
Two (2) Ducted Indoor Units	9 + 9	0	-0.4	6.28	0.97	5.88	1.01	5.92	1.02	5.78	1.03	5.67	1.04	5.43	1.08
		5	4.5	8.15	0.99	7.76	1.02	7.66	1.04	7.49	1.05	7.36	1.06	7.06	1.10
		10	9	9.40	1.00	9.02	1.03	8.82	1.06	8.64	1.08	8.50	1.09	8.16	1.12
		17	15	10.77	1.02	10.40	1.05	10.10	1.09	**9.90**	**1.10**	9.74	1.12	9.37	1.15
		20	19	11.60	1.03	11.23	1.06	10.87	1.10	10.66	1.12	10.50	1.14	10.10	1.17
		25	23	12.99	1.06	12.61	1.09	12.17	1.13	11.94	1.15	11.75	1.17	11.31	1.20
		30	28	14.38	1.09	13.94	1.12	13.46	1.16	13.21	1.18	13.01	1.20	12.54	1.24
		35	32	15.77	1.12	15.27	1.16	14.75	1.19	14.49	1.22	14.27	1.24	13.76	1.27
		40	36	16.58	1.15	16.11	1.19	15.60	1.22	15.33	1.25	15.11	1.27	14.56	1.30
		45	41	17.58	1.19	17.16	1.23	16.66	1.27	16.38	1.29	16.16	1.31	15.57	1.35
		47	43	17.98	1.21	17.58	1.25	17.08	1.29	**16.80**	**1.31**	16.58	1.33	15.97	1.37
		50	46	18.04	1.20	17.67	1.24	17.23	1.27	16.99	1.29	16.79	1.31	16.22	1.34
		55	51	18.12	1.19	17.82	1.22	17.49	1.25	17.29	1.26	17.13	1.27	16.63	1.30
		60	56	18.21	1.17	17.98	1.20	17.75	1.22	17.60	1.23	17.48	1.24	17.03	1.26
		63	59	18.27	1.17	18.07	1.19	17.91	1.20	17.79	1.21	17.69	1.21	17.28	1.23
		68	64	18.32	1.16	18.16	1.17	18.07	1.19	17.97	1.19	17.90	1.19	17.53	1.20
	9 + 12	0	-0.4	6.28	0.97	5.88	1.01	5.92	1.02	5.78	1.03	5.67	1.04	5.43	1.08
		5	4.5	8.15	0.99	7.76	1.02	7.66	1.04	7.49	1.05	7.36	1.06	7.06	1.10
		10	9	9.40	1.00	9.02	1.03	8.82	1.06	8.64	1.08	8.50	1.09	8.16	1.12
		17	15	10.77	1.02	10.40	1.05	10.10	1.09	**9.90**	**1.10**	9.74	1.12	9.37	1.15
		20	19	11.60	1.03	11.23	1.06	10.87	1.10	10.66	1.12	10.50	1.14	10.10	1.17
		25	23	12.99	1.06	12.61	1.09	12.17	1.13	11.94	1.15	11.75	1.17	11.31	1.20
		30	28	14.38	1.09	13.94	1.12	13.46	1.16	13.21	1.18	13.01	1.20	12.54	1.24
		35	32	15.77	1.12	15.27	1.16	14.75	1.19	14.49	1.22	14.27	1.24	13.76	1.27
		40	36	16.58	1.15	16.11	1.19	15.60	1.22	15.33	1.25	15.11	1.27	14.56	1.30
		45	41	17.58	1.19	17.16	1.23	16.66	1.27	16.38	1.29	16.16	1.31	15.57	1.35
		47	43	17.98	1.21	17.58	1.25	17.08	1.29	**16.80**	**1.31**	16.58	1.33	15.97	1.37
		50	46	18.04	1.20	17.67	1.24	17.23	1.27	16.99	1.29	16.79	1.31	16.22	1.34
		55	51	18.12	1.19	17.82	1.22	17.49	1.25	17.29	1.26	17.13	1.27	16.63	1.30
		60	56	18.21	1.17	17.98	1.20	17.75	1.22	17.60	1.23	17.48	1.24	17.03	1.26
		63	59	18.27	1.17	18.07	1.19	17.91	1.20	17.79	1.21	17.69	1.21	17.28	1.23
		68	64	18.32	1.16	18.16	1.17	18.07	1.19	17.97	1.19	17.90	1.19	17.53	1.20
	12 + 12	0	-0.4	6.28	0.97	5.88	1.01	5.92	1.02	5.78	1.03	5.67	1.04	5.43	1.08
		5	4.5	8.15	0.99	7.76	1.02	7.66	1.04	7.49	1.05	7.36	1.06	7.06	1.10
		10	9	9.40	1.00	9.02	1.03	8.82	1.06	8.64	1.08	8.50	1.09	8.16	1.12
		17	15	10.77	1.02	10.40	1.05	10.10	1.09	**9.90**	**1.10**	9.74	1.12	9.37	1.15
		20	19	11.60	1.03	11.23	1.06	10.87	1.10	10.66	1.12	10.50	1.14	10.10	1.17
		25	23	12.99	1.06	12.61	1.09	12.17	1.13	11.94	1.15	11.75	1.17	11.31	1.20
		30	28	14.38	1.09	13.94	1.12	13.46	1.16	13.21	1.18	13.01	1.20	12.54	1.24
		35	32	15.77	1.12	15.27	1.16	14.75	1.19	14.49	1.22	14.27	1.24	13.76	1.27
		40	36	16.58	1.15	16.11	1.19	15.60	1.22	15.33	1.25	15.11	1.27	14.56	1.30
		45	41	17.58	1.19	17.16	1.23	16.66	1.27	16.38	1.29	16.16	1.31	15.57	1.35
		47	43	17.98	1.21	17.58	1.25	17.08	1.29	**16.80**	**1.31**	16.58	1.33	15.97	1.37
		50	46	18.04	1.20	17.67	1.24	17.23	1.27	16.99	1.29	16.79	1.31	16.22	1.34
		55	51	18.12	1.19	17.82	1.22	17.49	1.25	17.29	1.26	17.13	1.27	16.63	1.30
		60	56	18.21	1.17	17.98	1.20	17.75	1.22	17.60	1.23	17.48	1.24	17.03	1.26
		63	59	18.27	1.17	18.07	1.19	17.91	1.20	17.79	1.21	17.69	1.21	17.28	1.23
		68	64	18.32	1.16	18.16	1.17	18.07	1.19	17.97	1.19	17.90	1.19	17.53	1.20

TC = Total Capacity (kBtu/h).

PI = Power Input (kW).

Nominal capacity as rated: 0 ft. above sea level with 25 ft. of refrigerant piping.
0 ft. level difference between outdoor and indoor units.

Nominal heating capacity rating obtained with air entering the indoor unit at 70°F dry bulb (DB) and 60°F wet bulb (WB), and outdoor ambient conditions of 47°F dry bulb (DB) and 43°F wet bulb (WB).

Due to our policy of continuous product innovation, some specifications may change without notification.
©LG Electronics U.S.A., Inc., Englewood Cliffs, NJ. All rights reserved. "LG" is a registered trademark of LG Corp.

PERFORMANCE DATA

Heating Capacity Tables

Table 77: LMU187HV Heating Capacity Table — Mixed Indoor Units.

Connected Indoor Units	Combination Capacity Index	Outdoor Air Temp. °F DB	Outdoor Air Temp. °F WB	Indoor Air Temp. °F DB 61 TC	61 PI	64 TC	64 PI	68 TC	68 PI	70 TC	70 PI	72 TC	72 PI	75 TC	75 PI
Two (2) Mixed Indoor Units	9 + 9	0	-0.4	6.30	0.96	5.90	0.99	5.94	1.01	5.80	1.02	5.69	1.03	5.44	1.06
		5	4.5	8.18	0.97	7.79	1.01	7.69	1.03	7.52	1.04	7.39	1.05	7.09	1.09
		10	9	9.44	0.99	9.06	1.02	8.86	1.05	8.68	1.06	8.53	1.07	8.20	1.11
		17	15	10.83	1.01	10.45	1.04	10.15	1.07	**9.95**	**1.09**	9.79	1.11	9.41	1.14
		20	19	11.67	1.02	11.29	1.05	10.93	1.09	10.72	1.11	10.55	1.13	10.15	1.16
		25	23	13.06	1.05	12.68	1.08	12.24	1.12	12.00	1.14	11.82	1.16	11.37	1.19
		30	28	14.47	1.08	14.02	1.11	13.54	1.15	13.29	1.17	13.09	1.19	12.61	1.22
		35	32	15.87	1.11	15.36	1.15	14.84	1.18	14.57	1.21	14.36	1.23	13.84	1.26
		40	36	16.68	1.14	16.21	1.18	15.69	1.21	15.42	1.24	15.20	1.26	14.65	1.29
		45	41	17.69	1.18	17.26	1.22	16.75	1.26	16.48	1.28	16.25	1.30	15.66	1.34
		47	43	18.09	1.20	17.69	1.24	17.18	1.28	**16.90**	**1.30**	16.68	1.32	16.07	1.36
		50	46	18.14	1.19	17.78	1.23	17.34	1.26	17.09	1.28	16.89	1.30	16.32	1.33
		55	51	18.23	1.18	17.93	1.21	17.60	1.24	17.40	1.25	17.23	1.26	16.72	1.29
		60	56	18.32	1.17	18.08	1.19	17.86	1.21	17.71	1.22	17.58	1.23	17.13	1.25
		63	59	18.37	1.16	18.17	1.18	18.02	1.19	17.89	1.20	17.79	1.21	17.38	1.22
		68	64	18.43	1.15	18.27	1.17	18.17	1.18	18.08	1.18	18.01	1.19	17.63	1.19
	9 + 12	0	-0.4	6.30	0.96	5.90	0.99	5.94	1.01	5.80	1.02	5.69	1.03	5.44	1.06
		5	4.5	8.18	0.97	7.79	1.01	7.69	1.03	7.52	1.04	7.39	1.05	7.09	1.09
		10	9	9.44	0.99	9.06	1.02	8.86	1.05	8.68	1.06	8.53	1.07	8.20	1.11
		17	15	10.83	1.01	10.45	1.04	10.15	1.07	**9.95**	**1.09**	9.79	1.11	9.41	1.14
		20	19	11.67	1.02	11.29	1.05	10.93	1.09	10.72	1.11	10.55	1.13	10.15	1.16
		25	23	13.06	1.05	12.68	1.08	12.24	1.12	12.00	1.14	11.82	1.16	11.37	1.19
		30	28	14.47	1.08	14.02	1.11	13.54	1.15	13.29	1.17	13.09	1.19	12.61	1.22
		35	32	15.87	1.11	15.36	1.15	14.84	1.18	14.57	1.21	14.36	1.23	13.84	1.26
		40	36	16.68	1.14	16.21	1.18	15.69	1.21	15.42	1.24	15.20	1.26	14.65	1.29
		45	41	17.69	1.18	17.26	1.22	16.75	1.26	16.48	1.28	16.25	1.30	15.66	1.34
		47	43	18.09	1.20	17.69	1.24	17.18	1.28	**16.90**	**1.30**	16.68	1.32	16.07	1.36
		50	46	18.14	1.19	17.78	1.23	17.34	1.26	17.09	1.28	16.89	1.30	16.32	1.33
		55	51	18.23	1.18	17.93	1.21	17.60	1.24	17.40	1.25	17.23	1.26	16.72	1.29
		60	56	18.32	1.17	18.08	1.19	17.86	1.21	17.71	1.22	17.58	1.23	17.13	1.25
		63	59	18.37	1.16	18.17	1.18	18.02	1.19	17.89	1.20	17.79	1.21	17.38	1.22
		68	64	18.43	1.15	18.27	1.17	18.17	1.18	18.08	1.18	18.01	1.19	17.63	1.19
	12 + 12	0	-0.4	6.30	0.96	5.90	0.99	5.94	1.01	5.80	1.02	5.69	1.03	5.44	1.06
		5	4.5	8.18	0.97	7.79	1.01	7.69	1.03	7.52	1.04	7.39	1.05	7.09	1.09
		10	9	9.44	0.99	9.06	1.02	8.86	1.05	8.68	1.06	8.53	1.07	8.20	1.11
		17	15	10.83	1.01	10.45	1.04	10.15	1.07	**9.95**	**1.09**	9.79	1.11	9.41	1.14
		20	19	11.67	1.02	11.29	1.05	10.93	1.09	10.72	1.11	10.55	1.13	10.15	1.16
		25	23	13.06	1.05	12.68	1.08	12.24	1.12	12.00	1.14	11.82	1.16	11.37	1.19
		30	28	14.47	1.08	14.02	1.11	13.54	1.15	13.29	1.17	13.09	1.19	12.61	1.22
		35	32	15.87	1.11	15.36	1.15	14.84	1.18	14.57	1.21	14.36	1.23	13.84	1.26
		40	36	16.68	1.14	16.21	1.18	15.69	1.21	15.42	1.24	15.20	1.26	14.65	1.29
		45	41	17.69	1.18	17.26	1.22	16.75	1.26	16.48	1.28	16.25	1.30	15.66	1.34
		47	43	18.09	1.20	17.69	1.24	17.18	1.28	**16.90**	**1.30**	16.68	1.32	16.07	1.36
		50	46	18.14	1.19	17.78	1.23	17.34	1.26	17.09	1.28	16.89	1.30	16.32	1.33
		55	51	18.23	1.18	17.93	1.21	17.60	1.24	17.40	1.25	17.23	1.26	16.72	1.29
		60	56	18.32	1.17	18.08	1.19	17.86	1.21	17.71	1.22	17.58	1.23	17.13	1.25
		63	59	18.37	1.16	18.17	1.18	18.02	1.19	17.89	1.20	17.79	1.21	17.38	1.22
		68	64	18.43	1.15	18.27	1.17	18.17	1.18	18.08	1.18	18.01	1.19	17.63	1.19

TC = Total Capacity (kBtu/h).

PI = Power Input (kW).

Nominal capacity as rated: 0 ft. above sea level with 25 ft. of refrigerant piping.
0 ft. level difference between outdoor and indoor units.

Nominal heating capacity rating obtained with air entering the indoor unit at 70°F dry bulb (DB) and 60°F wet bulb (WB), and outdoor ambient conditions of 47°F dry bulb (DB) and 43°F wet bulb (WB).

Due to our policy of continuous product innovation, some specifications may change without notification.
©LG Electronics U.S.A., Inc., Englewood Cliffs, NJ. All rights reserved. "LG" is a registered trademark of LG Corp.

PERFORMANCE DATA

Heating Capacity Tables

Table 78: LMU247HV Heating Capacity Table — Non-Ducted Indoor Units.

Connected Indoor Units	Combination Capacity Index	Outdoor Air Temp.		Indoor Air Temp. °F DB											
		°F	°F	61		64		68		70		72		75	
		DB	WB	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
Two (2) Non-Ducted Indoor Units	9 + 9	0	-0.4	8.59	1.44	8.06	1.50	8.09	1.52	7.90	1.54	7.75	1.55	7.42	1.60
		5	4.5	10.64	1.47	10.13	1.52	9.99	1.55	9.78	1.57	9.61	1.58	9.22	1.64
		10	9	12.01	1.49	11.52	1.54	11.27	1.58	11.04	1.60	10.85	1.62	10.43	1.67
		17	15	13.51	1.52	13.04	1.57	12.67	1.62	**12.42**	**1.64**	12.22	1.66	11.75	1.71
		20	19	14.43	1.54	13.97	1.59	13.52	1.64	13.26	1.67	13.05	1.70	12.55	1.74
		25	23	15.95	1.58	15.48	1.62	14.94	1.68	14.66	1.72	14.43	1.74	13.89	1.79
		30	28	17.48	1.62	16.94	1.67	16.35	1.73	16.05	1.76	15.81	1.79	15.23	1.84
		35	32	19.00	1.66	18.40	1.72	17.77	1.77	17.45	1.81	17.20	1.84	16.57	1.89
		40	36	19.97	1.71	19.41	1.77	18.79	1.82	18.47	1.86	18.21	1.89	17.55	1.94
		45	41	21.18	1.77	20.68	1.83	20.07	1.89	19.73	1.92	19.47	1.95	18.76	2.01
		47	43	21.67	1.80	21.18	1.86	20.58	1.92	**20.24**	**1.95**	19.97	1.98	19.24	2.04
		50	46	21.73	1.79	21.29	1.84	20.76	1.89	20.46	1.92	20.22	1.94	19.54	2.00
		55	51	21.84	1.77	21.47	1.81	21.08	1.85	20.83	1.88	20.64	1.89	20.03	1.93
		60	56	21.94	1.75	21.66	1.78	21.39	1.82	21.21	1.83	21.06	1.84	20.52	1.87
		63	59	22.00	1.74	21.77	1.77	21.58	1.79	21.43	1.80	21.31	1.81	20.82	1.83
		68	64	22.07	1.73	21.88	1.75	21.77	1.77	21.65	1.77	21.57	1.78	21.11	1.79
	9 + 12	0	-0.4	9.76	1.61	9.16	1.67	9.19	1.70	8.98	1.71	8.81	1.72	8.43	1.78
		5	4.5	12.09	1.63	11.51	1.69	11.35	1.73	11.11	1.75	10.92	1.76	10.48	1.82
		10	9	13.64	1.66	13.09	1.71	12.80	1.76	12.54	1.78	12.33	1.80	11.85	1.86
		17	15	15.36	1.69	14.82	1.74	14.40	1.80	**14.11**	**1.83**	13.89	1.85	13.35	1.91
		20	19	16.40	1.71	15.87	1.76	15.36	1.83	15.07	1.86	14.83	1.89	14.27	1.94
		25	23	18.12	1.75	17.59	1.81	16.98	1.87	16.65	1.91	16.40	1.94	15.78	1.99
		30	28	19.86	1.80	19.25	1.86	18.58	1.92	18.24	1.96	17.97	2.00	17.31	2.05
		35	32	21.59	1.85	20.91	1.92	20.19	1.97	19.83	2.01	19.54	2.05	18.83	2.10
		40	36	22.69	1.91	22.06	1.97	21.35	2.03	20.98	2.07	20.69	2.10	19.94	2.16
		45	41	24.07	1.97	23.49	2.04	22.80	2.10	22.42	2.14	22.12	2.17	21.32	2.24
		47	43	24.62	2.00	24.07	2.07	23.38	2.13	**23.00**	**2.17**	22.69	2.20	21.87	2.27
		50	46	24.69	1.99	24.19	2.05	23.60	2.11	23.25	2.14	22.98	2.16	22.20	2.22
		55	51	24.81	1.97	24.40	2.02	23.95	2.06	23.68	2.09	23.46	2.11	22.76	2.15
		60	56	24.93	1.95	24.61	1.98	24.31	2.02	24.10	2.04	23.93	2.05	23.32	2.08
		63	59	25.01	1.93	24.73	1.96	24.52	1.99	24.35	2.00	24.22	2.01	23.65	2.04
		68	64	25.08	1.92	24.86	1.95	24.73	1.97	24.61	1.97	24.51	1.98	23.99	1.99
	12 + 12	0	-0.4	11.20	1.72	10.52	1.78	10.55	1.81	10.30	1.83	10.11	1.84	9.68	1.91
		5	4.5	13.87	1.75	13.22	1.81	13.03	1.85	12.75	1.87	12.53	1.89	12.03	1.95
		10	9	15.66	1.77	15.02	1.83	14.69	1.88	14.40	1.91	14.16	1.93	13.60	1.99
		17	15	17.63	1.81	17.01	1.87	16.52	1.92	**16.20**	**1.96**	15.94	1.98	15.33	2.04
		20	19	18.82	1.83	18.22	1.89	17.63	1.95	17.29	1.99	17.02	2.02	16.38	2.07
		25	23	20.80	1.88	20.19	1.93	19.49	2.00	19.12	2.04	18.82	2.08	18.11	2.13
		30	28	22.80	1.93	22.09	1.99	21.33	2.05	20.94	2.10	20.63	2.13	19.87	2.19
		35	32	24.79	1.98	24.00	2.05	23.18	2.10	22.76	2.15	22.43	2.19	21.62	2.25
		40	36	26.05	2.04	25.32	2.11	24.51	2.17	24.09	2.21	23.75	2.25	22.89	2.31
		45	41	27.63	2.11	26.97	2.18	26.17	2.25	25.74	2.29	25.39	2.32	24.47	2.39
		47	43	28.26	2.14	27.63	2.21	26.84	2.28	**26.40**	**2.32**	26.05	2.35	25.10	2.42
		50	46	28.34	2.13	27.77	2.19	27.08	2.25	26.69	2.29	26.38	2.31	25.49	2.38
		55	51	28.48	2.10	28.01	2.16	27.49	2.21	27.18	2.23	26.92	2.25	26.13	2.30
		60	56	28.62	2.08	28.25	2.12	27.90	2.16	27.66	2.18	27.47	2.19	26.77	2.22
		63	59	28.70	2.07	28.39	2.10	28.14	2.13	27.95	2.14	27.80	2.15	27.15	2.18
		68	64	28.79	2.05	28.53	2.08	28.39	2.10	28.25	2.11	28.13	2.11	27.54	2.13

TC = Total Capacity (kBtu/h).

PI = Power Input (kW).

Nominal capacity as rated: 0 ft. above sea level with 25 ft. of refrigerant piping.
0 ft. level difference between outdoor and indoor units.

Nominal heating capacity rating obtained with air entering the indoor unit at 70ºF dry bulb (DB) and 60ºF wet bulb (WB), and outdoor ambient conditions of 47ºF dry bulb (DB) and 43ºF wet bulb (WB).

Due to our policy of continuous product innovation, some specifications may change without notification.
©LG Electronics U.S.A., Inc., Englewood Cliffs, NJ. All rights reserved. "LG" is a registered trademark of LG Corp.

PERFORMANCE DATA

Heating Capacity Tables

Table 79: LMU247HV Heating Capacity Table — Non-Ducted Units (continued).

Connected Indoor Units	Combination Capacity Index	Outdoor Air Temp.		Indoor Air Temp. °F DB											
		°F	°F	61		64		68		70		72		75	
		DB	WB	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
Two (2) Non-Ducted Indoor Units	9 + 18	0	-0.4	11.20	1.72	10.52	1.78	10.55	1.81	10.30	1.83	10.11	1.84	9.68	1.91
		5	4.5	13.87	1.75	13.22	1.81	13.03	1.85	12.75	1.87	12.53	1.89	12.03	1.95
		10	9	15.66	1.77	15.02	1.83	14.69	1.88	14.40	1.91	14.16	1.93	13.60	1.99
		17	15	17.63	1.81	17.01	1.87	16.52	1.92	**16.20**	**1.96**	15.94	1.98	15.33	2.04
		20	19	18.82	1.83	18.22	1.89	17.63	1.95	17.29	1.99	17.02	2.02	16.38	2.07
		25	23	20.80	1.88	20.19	1.93	19.49	2.00	19.12	2.04	18.82	2.08	18.11	2.13
		30	28	22.80	1.93	22.09	1.99	21.33	2.05	20.94	2.10	20.63	2.13	19.87	2.19
		35	32	24.79	1.98	24.00	2.05	23.18	2.10	22.76	2.15	22.43	2.19	21.62	2.25
		40	36	26.05	2.04	25.32	2.11	24.51	2.17	24.09	2.21	23.75	2.25	22.89	2.31
		45	41	27.63	2.11	26.97	2.18	26.17	2.25	25.74	2.29	25.39	2.32	24.47	2.39
		47	43	28.26	2.14	27.63	2.21	26.84	2.28	**26.40**	**2.32**	26.05	2.35	25.10	2.42
		50	46	28.34	2.13	27.77	2.19	27.08	2.25	26.69	2.29	26.38	2.31	25.49	2.38
		55	51	28.48	2.10	28.01	2.16	27.49	2.21	27.18	2.23	26.92	2.25	26.13	2.30
		60	56	28.62	2.08	28.25	2.12	27.90	2.16	27.66	2.18	27.47	2.19	26.77	2.22
		63	59	28.70	2.07	28.39	2.10	28.14	2.13	27.95	2.14	27.80	2.15	27.15	2.18
		68	64	28.79	2.05	28.53	2.08	28.39	2.10	28.25	2.11	28.13	2.11	27.54	2.13
	12 + 18	0	-0.4	11.20	1.72	10.52	1.78	10.55	1.81	10.30	1.83	10.11	1.84	9.68	1.91
		5	4.5	13.87	1.75	13.22	1.81	13.03	1.85	12.75	1.87	12.53	1.89	12.03	1.95
		10	9	15.66	1.77	15.02	1.83	14.69	1.88	14.40	1.91	14.16	1.93	13.60	1.99
		17	15	17.63	1.81	17.01	1.87	16.52	1.92	**16.20**	**1.96**	15.94	1.98	15.33	2.04
		20	19	18.82	1.83	18.22	1.89	17.63	1.95	17.29	1.99	17.02	2.02	16.38	2.07
		25	23	20.80	1.88	20.19	1.93	19.49	2.00	19.12	2.04	18.82	2.08	18.11	2.13
		30	28	22.80	1.93	22.09	1.99	21.33	2.05	20.94	2.10	20.63	2.13	19.87	2.19
		35	32	24.79	1.98	24.00	2.05	23.18	2.10	22.76	2.15	22.43	2.19	21.62	2.25
		40	36	26.05	2.04	25.32	2.11	24.51	2.17	24.09	2.21	23.75	2.25	22.89	2.31
		45	41	27.63	2.11	26.97	2.18	26.17	2.25	25.74	2.29	25.39	2.32	24.47	2.39
		47	43	28.26	2.14	27.63	2.21	26.84	2.28	**26.40**	**2.32**	26.05	2.35	25.10	2.42
		50	46	28.34	2.13	27.77	2.19	27.08	2.25	26.69	2.29	26.38	2.31	25.49	2.38
		55	51	28.48	2.10	28.01	2.16	27.49	2.21	27.18	2.23	26.92	2.25	26.13	2.30
		60	56	28.62	2.08	28.25	2.12	27.90	2.16	27.66	2.18	27.47	2.19	26.77	2.22
		63	59	28.70	2.07	28.39	2.10	28.14	2.13	27.95	2.14	27.80	2.15	27.15	2.18
		68	64	28.79	2.05	28.53	2.08	28.39	2.10	28.25	2.11	28.13	2.11	27.54	2.13
Three (3) Non-Ducted Indoor Units	9 + 9 + 9	0	-0.4	11.20	1.64	10.52	1.70	10.55	1.73	10.30	1.74	10.11	1.75	9.68	1.82
		5	4.5	13.87	1.66	13.22	1.72	13.03	1.76	12.75	1.78	12.53	1.80	12.03	1.86
		10	9	15.66	1.69	15.02	1.75	14.69	1.79	14.40	1.82	14.16	1.84	13.60	1.89
		17	15	17.63	1.72	17.01	1.78	16.52	1.83	**16.20**	**1.86**	15.94	1.89	15.33	1.94
		20	19	18.82	1.74	18.22	1.80	17.63	1.86	17.29	1.89	17.02	1.92	16.38	1.97
		25	23	20.80	1.79	20.19	1.84	19.49	1.91	19.12	1.95	18.82	1.98	18.11	2.03
		30	28	22.80	1.84	22.09	1.90	21.33	1.96	20.94	2.00	20.63	2.03	19.87	2.08
		35	32	24.79	1.89	24.00	1.95	23.18	2.00	22.76	2.05	22.43	2.09	21.62	2.14
		40	36	26.05	1.94	25.32	2.01	24.51	2.07	24.09	2.11	23.75	2.14	22.89	2.20
		45	41	27.63	2.01	26.97	2.08	26.17	2.14	25.74	2.18	25.39	2.21	24.47	2.28
		47	43	28.26	2.04	27.63	2.11	26.84	2.17	**26.40**	**2.21**	26.05	2.24	25.10	2.31
		50	46	28.34	2.03	27.77	2.09	27.08	2.15	26.69	2.18	26.38	2.20	25.49	2.26
		55	51	28.48	2.00	28.01	2.05	27.49	2.10	27.18	2.13	26.92	2.14	26.13	2.19
		60	56	28.62	1.98	28.25	2.02	27.90	2.06	27.66	2.07	27.47	2.09	26.77	2.12
		63	59	28.70	1.97	28.39	2.00	28.14	2.03	27.95	2.04	27.80	2.05	27.15	2.07
		68	64	28.79	1.96	28.53	1.98	28.39	2.00	28.25	2.01	28.13	2.01	27.54	2.03

TC = Total Capacity (kBtu/h).

PI = Power Input (kW).

Nominal capacity as rated: 0 ft. above sea level with 25 ft. of refrigerant piping.
0 ft. level difference between outdoor and indoor units.

Nominal heating capacity rating obtained with air entering the indoor unit at 70°F dry bulb (DB) and 60°F wet bulb (WB), and outdoor ambient conditions of 47°F dry bulb (DB) and 43°F wet bulb (WB).

Due to our policy of continuous product innovation, some specifications may change without notification.
©LG Electronics U.S.A., Inc., Englewood Cliffs, NJ. All rights reserved. "LG" is a registered trademark of LG Corp.

PERFORMANCE DATA

Heating Capacity Tables

Table 80: LMU247HV Heating Capacity Table — Non-Ducted Indoor Units (continued) / Ducted Indoor Units.

Connected Indoor Units	Combination Capacity Index	Outdoor Air Temp.		Indoor Air Temp. °F DB											
		°F	°F	61		64		68		70		72		75	
		DB	WB	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
Three (3) Non-Ducted Indoor Units	9 + 9 + 12	0	-0.4	11.20	1.64	10.52	1.70	10.55	1.73	10.30	1.74	10.11	1.75	9.68	1.82
		5	4.5	13.87	1.66	13.22	1.72	13.03	1.76	12.75	1.78	12.53	1.80	12.03	1.86
		10	9	15.66	1.69	15.02	1.75	14.69	1.79	14.40	1.82	14.16	1.84	13.60	1.89
		17	15	17.63	1.72	17.01	1.78	16.52	1.83	**16.20**	**1.86**	15.94	1.89	15.33	1.94
		20	19	18.82	1.74	18.22	1.80	17.63	1.86	17.29	1.89	17.02	1.92	16.38	1.97
		25	23	20.80	1.79	20.19	1.84	19.49	1.91	19.12	1.95	18.82	1.98	18.11	2.03
		30	28	22.80	1.84	22.09	1.90	21.33	1.96	20.94	2.00	20.63	2.03	19.87	2.08
		35	32	24.79	1.89	24.00	1.95	23.18	2.00	22.76	2.05	22.43	2.09	21.62	2.14
		40	36	26.05	1.94	25.32	2.01	24.51	2.07	24.09	2.11	23.75	2.14	22.89	2.20
		45	41	27.63	2.01	26.97	2.08	26.17	2.14	25.74	2.18	25.39	2.21	24.47	2.28
		47	43	28.26	2.04	27.63	2.11	26.84	2.17	**26.40**	**2.21**	26.05	2.24	25.10	2.31
		50	46	28.34	2.03	27.77	2.09	27.08	2.15	26.69	2.18	26.38	2.20	25.49	2.26
		55	51	28.48	2.00	28.01	2.05	27.49	2.10	27.18	2.13	26.92	2.14	26.13	2.19
		60	56	28.62	1.98	28.25	2.02	27.90	2.06	27.66	2.07	27.47	2.09	26.77	2.12
		63	59	28.70	1.97	28.39	2.00	28.14	2.03	27.95	2.04	27.80	2.05	27.15	2.07
		68	64	28.79	1.96	28.53	1.98	28.39	2.00	28.25	2.01	28.13	2.01	27.54	2.03
	9 + 12 + 12	0	-0.4	11.20	1.64	10.52	1.70	10.55	1.73	10.30	1.74	10.11	1.75	9.68	1.82
		5	4.5	13.87	1.66	13.22	1.72	13.03	1.76	12.75	1.78	12.53	1.80	12.03	1.86
		10	9	15.66	1.69	15.02	1.75	14.69	1.79	14.40	1.82	14.16	1.84	13.60	1.89
		17	15	17.63	1.72	17.01	1.78	16.52	1.83	**16.20**	**1.86**	15.94	1.89	15.33	1.94
		20	19	18.82	1.74	18.22	1.80	17.63	1.86	17.29	1.89	17.02	1.92	16.38	1.97
		25	23	20.80	1.79	20.19	1.84	19.49	1.91	19.12	1.95	18.82	1.98	18.11	2.03
		30	28	22.80	1.84	22.09	1.90	21.33	1.96	20.94	2.00	20.63	2.03	19.87	2.08
		35	32	24.79	1.89	24.00	1.95	23.18	2.00	22.76	2.05	22.43	2.09	21.62	2.14
		40	36	26.05	1.94	25.32	2.01	24.51	2.07	24.09	2.11	23.75	2.14	22.89	2.20
		45	41	27.63	2.01	26.97	2.08	26.17	2.14	25.74	2.18	25.39	2.21	24.47	2.28
		47	43	28.26	2.04	27.63	2.11	26.84	2.17	**26.40**	**2.21**	26.05	2.24	25.10	2.31
		50	46	28.34	2.03	27.77	2.09	27.08	2.15	26.69	2.18	26.38	2.20	25.49	2.26
		55	51	28.48	2.00	28.01	2.05	27.49	2.10	27.18	2.13	26.92	2.14	26.13	2.19
		60	56	28.62	1.98	28.25	2.02	27.90	2.06	27.66	2.07	27.47	2.09	26.77	2.12
		63	59	28.70	1.97	28.39	2.00	28.14	2.03	27.95	2.04	27.80	2.05	27.15	2.07
		68	64	28.79	1.96	28.53	1.98	28.39	2.00	28.25	2.01	28.13	2.01	27.54	2.0
Two (2) Ducted Indoor Units	9 + 9	0	-0.4	9.00	1.46	8.45	1.52	8.47	1.54	8.27	1.56	8.12	1.57	7.77	1.62
		5	4.5	10.92	1.49	10.41	1.54	10.26	1.57	10.04	1.59	9.86	1.61	9.47	1.66
		10	9	12.21	1.51	11.71	1.56	11.45	1.60	11.22	1.62	11.03	1.64	10.60	1.69
		17	15	13.62	1.54	13.15	1.59	12.77	1.64	**12.52**	**1.66**	12.32	1.69	11.84	1.73
		20	19	14.48	1.56	14.02	1.60	13.57	1.66	13.31	1.69	13.10	1.72	12.60	1.76
		25	23	15.91	1.59	15.44	1.64	14.90	1.70	14.62	1.74	14.39	1.76	13.85	1.81
		30	28	17.34	1.64	16.81	1.69	16.23	1.74	15.93	1.78	15.69	1.81	15.12	1.86
		35	32	18.78	1.68	18.18	1.74	17.56	1.79	17.24	1.83	16.99	1.86	16.38	1.91
		40	36	19.73	1.73	19.18	1.79	18.57	1.84	18.25	1.88	17.99	1.91	17.34	1.96
		45	41	20.93	1.79	20.43	1.85	19.83	1.91	19.50	1.94	19.24	1.97	18.54	2.03
		47	43	21.41	1.82	20.93	1.88	20.33	1.94	**20.00**	**1.97**	19.73	2.00	19.02	2.06
		50	46	21.47	1.81	21.04	1.86	20.52	1.91	20.22	1.94	19.98	1.96	19.31	2.02
		55	51	21.58	1.79	21.22	1.83	20.83	1.87	20.59	1.89	20.40	1.91	19.79	1.95
		60	56	21.68	1.77	21.40	1.80	21.14	1.83	20.95	1.85	20.81	1.86	20.28	1.89
		63	59	21.74	1.76	21.51	1.78	21.32	1.81	21.18	1.82	21.06	1.83	20.57	1.85
		68	64	21.81	1.74	21.62	1.77	21.51	1.79	21.40	1.79	21.31	1.80	20.86	1.81

TC = Total Capacity (kBtu/h).

PI = Power Input (kW).

Nominal capacity as rated: 0 ft. above sea level with 25 ft. of refrigerant piping.
0 ft. level difference between outdoor and indoor units.

Nominal heating capacity rating obtained with air entering the indoor unit at 70ºF dry bulb (DB) and 60ºF wet bulb (WB), and outdoor ambient conditions of 47ºF dry bulb (DB) and 43ºF wet bulb (WB).

Due to our policy of continuous product innovation, some specifications may change without notification.
©LG Electronics U.S.A., Inc., Englewood Cliffs, NJ. All rights reserved. "LG" is a registered trademark of LG Corp.

PERFORMANCE DATA

Heating Capacity Tables

Table 81: LMU247HV Heating Capacity Table — Ducted Indoor Units (continued).

Connected Indoor Units	Combination Capacity Index	Outdoor Air Temp.		Indoor Air Temp. °F DB											
		°F	°F	61		64		68		70		72		75	
		DB	WB	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
Two (2) Ducted Indoor Units	9 + 12	0	-0.4	10.25	1.66	9.64	1.72	9.65	1.75	9.43	1.76	9.25	1.78	8.86	1.84
		5	4.5	12.45	1.68	11.86	1.74	11.69	1.78	11.44	1.80	11.24	1.82	10.79	1.88
		10	9	13.91	1.71	13.35	1.77	13.06	1.81	12.79	1.84	12.58	1.86	12.08	1.92
		17	15	15.53	1.74	14.99	1.80	14.56	1.85	**14.27**	**1.88**	14.04	1.91	13.50	1.96
		20	19	16.51	1.76	15.98	1.82	15.47	1.88	15.17	1.91	14.93	1.94	14.36	2.00
		25	23	18.14	1.80	17.60	1.86	16.99	1.93	16.67	1.97	16.41	2.00	15.79	2.05
		30	28	19.77	1.85	19.16	1.92	18.50	1.97	18.16	2.02	17.89	2.05	17.23	2.10
		35	32	21.41	1.90	20.72	1.97	20.02	2.02	19.66	2.07	19.37	2.11	18.67	2.16
		40	36	22.50	1.96	21.86	2.03	21.17	2.08	20.80	2.13	20.51	2.16	19.76	2.22
		45	41	23.86	2.03	23.29	2.10	22.60	2.16	22.23	2.20	21.93	2.23	21.13	2.30
		47	43	24.41	2.06	23.86	2.12	23.18	2.19	**22.80**	**2.23**	22.50	2.26	21.68	2.33
		50	46	24.48	2.04	23.98	2.10	23.39	2.17	23.05	2.20	22.78	2.22	22.01	2.28
		55	51	24.60	2.02	24.19	2.07	23.74	2.12	23.47	2.14	23.25	2.16	22.56	2.21
		60	56	24.72	2.00	24.39	2.04	24.09	2.08	23.89	2.09	23.72	2.10	23.12	2.14
		63	59	24.79	1.99	24.52	2.02	24.31	2.05	24.14	2.06	24.01	2.07	23.45	2.09
		68	64	24.86	1.97	24.64	2.00	24.52	2.02	24.39	2.03	24.29	2.03	23.79	2.05
	12 + 12	0	-0.4	11.78	1.75	11.08	1.82	11.09	1.85	10.84	1.87	10.63	1.88	10.18	1.95
		5	4.5	14.30	1.78	13.63	1.85	13.44	1.89	13.15	1.91	12.92	1.92	12.40	1.99
		10	9	15.99	1.81	15.34	1.87	15.00	1.92	14.70	1.94	14.45	1.97	13.88	2.03
		17	15	17.84	1.84	17.22	1.90	16.73	1.96	**16.40**	**1.99**	16.14	2.02	15.52	2.08
		20	19	18.97	1.87	18.36	1.92	17.77	1.99	17.43	2.03	17.16	2.06	16.51	2.11
		25	23	20.84	1.91	20.22	1.97	19.52	2.04	19.15	2.08	18.86	2.11	18.15	2.17
		30	28	22.72	1.96	22.02	2.03	21.26	2.09	20.87	2.14	20.56	2.17	19.80	2.23
		35	32	24.60	2.01	23.82	2.09	23.00	2.14	22.59	2.19	22.26	2.23	21.46	2.28
		40	36	25.85	2.07	25.13	2.15	24.32	2.21	23.90	2.25	23.57	2.29	22.71	2.35
		45	41	27.42	2.15	26.76	2.22	25.98	2.29	25.54	2.33	25.20	2.36	24.28	2.43
		47	43	28.05	2.18	27.42	2.25	26.64	2.32	**26.20**	**2.36**	25.85	2.39	24.91	2.46
		50	46	28.13	2.16	27.56	2.23	26.88	2.29	26.49	2.33	26.18	2.35	25.29	2.42
		55	51	28.27	2.14	27.80	2.19	27.28	2.24	26.97	2.27	26.72	2.29	25.93	2.34
		60	56	28.40	2.12	28.03	2.16	27.69	2.20	27.45	2.21	27.26	2.23	26.56	2.26
		63	59	28.48	2.10	28.17	2.14	27.93	2.17	27.74	2.18	27.59	2.19	26.95	2.21
		68	64	28.57	2.09	28.32	2.12	28.18	2.14	28.03	2.15	27.92	2.15	27.33	2.17
	9 + 18	0	-0.4	11.78	1.75	11.08	1.82	11.09	1.85	10.84	1.87	10.63	1.88	10.18	1.95
		5	4.5	14.30	1.78	13.63	1.85	13.44	1.89	13.15	1.91	12.92	1.92	12.40	1.99
		10	9	15.99	1.81	15.34	1.87	15.00	1.92	14.70	1.94	14.45	1.97	13.88	2.03
		17	15	17.84	1.84	17.22	1.90	16.73	1.96	**16.40**	**1.99**	16.14	2.02	15.52	2.08
		20	19	18.97	1.87	18.36	1.92	17.77	1.99	17.43	2.03	17.16	2.06	16.51	2.11
		25	23	20.84	1.91	20.22	1.97	19.52	2.04	19.15	2.08	18.86	2.11	18.15	2.17
		30	28	22.72	1.96	22.02	2.03	21.26	2.09	20.87	2.14	20.56	2.17	19.80	2.23
		35	32	24.60	2.01	23.82	2.09	23.00	2.14	22.59	2.19	22.26	2.23	21.46	2.28
		40	36	25.85	2.07	25.13	2.15	24.32	2.21	23.90	2.25	23.57	2.29	22.71	2.35
		45	41	27.42	2.15	26.76	2.22	25.98	2.29	25.54	2.33	25.20	2.36	24.28	2.43
		47	43	28.05	2.18	27.42	2.25	26.64	2.32	**26.20**	**2.36**	25.85	2.39	24.91	2.46
		50	46	28.13	2.16	27.56	2.23	26.88	2.29	26.49	2.33	26.18	2.35	25.29	2.42
		55	51	28.27	2.14	27.80	2.19	27.28	2.24	26.97	2.27	26.72	2.29	25.93	2.34
		60	56	28.40	2.12	28.03	2.16	27.69	2.20	27.45	2.21	27.26	2.23	26.56	2.26
		63	59	28.48	2.10	28.17	2.14	27.93	2.17	27.74	2.18	27.59	2.19	26.95	2.21
		68	64	28.57	2.09	28.32	2.12	28.18	2.14	28.03	2.15	27.92	2.15	27.33	2.17

TC = Total Capacity (kBtu/h).

PI = Power Input (kW).

Nominal capacity as rated: 0 ft. above sea level with 25 ft. of refrigerant piping.
0 ft. level difference between outdoor and indoor units.

Nominal heating capacity rating obtained with air entering the indoor unit at 70°F dry bulb (DB) and 60°F wet bulb (WB), and outdoor ambient conditions of 47°F dry bulb (DB) and 43°F wet bulb (WB).

Due to our policy of continuous product innovation, some specifications may change without notification.
©LG Electronics U.S.A., Inc., Englewood Cliffs, NJ. All rights reserved. "LG" is a registered trademark of LG Corp.

Table 82: LMU247HV Heating Capacity Table — Ducted Indoor Units (continued).

Connected Indoor Units	Combination Capacity Index	Outdoor Air Temp.		Indoor Air Temp. °F DB											
		°F	°F	61		64		68		70		72		75	
		DB	WB	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
Two (2) Ducted Indoor Units	12 + 18	0	-0.4	11.78	1.75	11.08	1.82	11.09	1.85	10.84	1.87	10.63	1.88	10.18	1.95
		5	4.5	14.30	1.78	13.63	1.85	13.44	1.89	13.15	1.91	12.92	1.92	12.40	1.99
		10	9	15.99	1.81	15.34	1.87	15.00	1.92	14.70	1.94	14.45	1.97	13.88	2.03
		17	15	17.84	1.84	17.22	1.90	16.73	1.96	**16.40**	**1.99**	16.14	2.02	15.52	2.08
		20	19	18.97	1.87	18.36	1.92	17.77	1.99	17.43	2.03	17.16	2.06	16.51	2.11
		25	23	20.84	1.91	20.22	1.97	19.52	2.04	19.15	2.08	18.86	2.11	18.15	2.17
		30	28	22.72	1.96	22.02	2.03	21.26	2.09	20.87	2.14	20.56	2.17	19.80	2.23
		35	32	24.60	2.01	23.82	2.09	23.00	2.14	22.59	2.19	22.26	2.23	21.46	2.28
		40	36	25.85	2.07	25.13	2.15	24.32	2.21	23.90	2.25	23.57	2.29	22.71	2.35
		45	41	27.42	2.15	26.76	2.22	25.98	2.29	25.54	2.33	25.20	2.36	24.28	2.43
		47	43	28.05	2.18	27.42	2.25	26.64	2.32	**26.20**	**2.36**	25.85	2.39	24.91	2.46
		50	46	28.13	2.16	27.56	2.23	26.88	2.29	26.49	2.33	26.18	2.35	25.29	2.42
		55	51	28.27	2.14	27.80	2.19	27.28	2.24	26.97	2.27	26.72	2.29	25.93	2.34
		60	56	28.40	2.12	28.03	2.16	27.69	2.20	27.45	2.21	27.26	2.23	26.56	2.26
		63	59	28.48	2.10	28.17	2.14	27.93	2.17	27.74	2.18	27.59	2.19	26.95	2.21
		68	64	28.57	2.09	28.32	2.12	28.18	2.14	28.03	2.15	27.92	2.15	27.33	2.17
Three (3) Ducted Indoor Units	9 + 9 + 9	0	-0.4	11.78	1.66	11.08	1.72	11.09	1.75	10.84	1.76	10.63	1.78	10.18	1.84
		5	4.5	14.30	1.68	13.63	1.74	13.44	1.78	13.15	1.80	12.92	1.82	12.40	1.88
		10	9	15.99	1.71	15.34	1.77	15.00	1.81	14.70	1.84	14.45	1.86	13.88	1.92
		17	15	17.84	1.74	17.22	1.80	16.73	1.85	**16.40**	**1.88**	16.14	1.91	15.52	1.96
		20	19	18.97	1.76	18.36	1.82	17.77	1.88	17.43	1.91	17.16	1.94	16.51	2.00
		25	23	20.84	1.80	20.22	1.86	19.52	1.93	19.15	1.97	18.86	2.00	18.15	2.05
		30	28	22.72	1.85	22.02	1.92	21.26	1.97	20.87	2.02	20.56	2.05	19.80	2.10
		35	32	24.60	1.90	23.82	1.97	23.00	2.02	22.59	2.07	22.26	2.11	21.46	2.16
		40	36	25.85	1.96	25.13	2.03	24.32	2.08	23.90	2.13	23.57	2.16	22.71	2.22
		45	41	27.42	2.03	26.76	2.10	25.98	2.16	25.54	2.20	25.20	2.23	24.28	2.30
		47	43	28.05	2.06	27.42	2.12	26.64	2.19	**26.20**	**2.23**	25.85	2.26	24.91	2.33
		50	46	28.13	2.04	27.56	2.10	26.88	2.17	26.49	2.20	26.18	2.22	25.29	2.28
		55	51	28.27	2.02	27.80	2.07	27.28	2.12	26.97	2.14	26.72	2.16	25.93	2.21
		60	56	28.40	2.00	28.03	2.04	27.69	2.08	27.45	2.09	27.26	2.10	26.56	2.14
		63	59	28.48	1.99	28.17	2.02	27.93	2.05	27.74	2.06	27.59	2.07	26.95	2.09
		68	64	28.57	1.97	28.32	2.00	28.18	2.02	28.03	2.03	27.92	2.03	27.33	2.05
	9 + 9 + 12	0	-0.4	11.78	1.66	11.08	1.72	11.09	1.75	10.84	1.76	10.63	1.78	10.18	1.84
		5	4.5	14.30	1.68	13.63	1.74	13.44	1.78	13.15	1.80	12.92	1.82	12.40	1.88
		10	9	15.99	1.71	15.34	1.77	15.00	1.81	14.70	1.84	14.45	1.86	13.88	1.92
		17	15	17.84	1.74	17.22	1.80	16.73	1.85	**16.40**	**1.88**	16.14	1.91	15.52	1.96
		20	19	18.97	1.76	18.36	1.82	17.77	1.88	17.43	1.91	17.16	1.94	16.51	2.00
		25	23	20.84	1.80	20.22	1.86	19.52	1.93	19.15	1.97	18.86	2.00	18.15	2.05
		30	28	22.72	1.85	22.02	1.92	21.26	1.97	20.87	2.02	20.56	2.05	19.80	2.10
		35	32	24.60	1.90	23.82	1.97	23.00	2.02	22.59	2.07	22.26	2.11	21.46	2.16
		40	36	25.85	1.96	25.13	2.03	24.32	2.08	23.90	2.13	23.57	2.16	22.71	2.22
		45	41	27.42	2.03	26.76	2.10	25.98	2.16	25.54	2.20	25.20	2.23	24.28	2.30
		47	43	28.05	2.06	27.42	2.12	26.64	2.19	**26.20**	**2.23**	25.85	2.26	24.91	2.33
		50	46	28.13	2.04	27.56	2.10	26.88	2.17	26.49	2.20	26.18	2.22	25.29	2.28
		55	51	28.27	2.02	27.80	2.07	27.28	2.12	26.97	2.14	26.72	2.16	25.93	2.21
		60	56	28.40	2.00	28.03	2.04	27.69	2.08	27.45	2.09	27.26	2.10	26.56	2.14
		63	59	28.48	1.99	28.17	2.02	27.93	2.05	27.74	2.06	27.59	2.07	26.95	2.09
		68	64	28.57	1.97	28.32	2.00	28.18	2.02	28.03	2.03	27.92	2.03	27.33	2.05

TC = Total Capacity (kBtu/h).

PI = Power Input (kW).

Nominal capacity as rated: 0 ft. above sea level with 25 ft. of refrigerant piping.
0 ft. level difference between outdoor and indoor units.

Nominal heating capacity rating obtained with air entering the indoor unit at 70°F dry bulb (DB) and 60°F wet bulb (WB), and outdoor ambient conditions of 47°F dry bulb (DB) and 43°F wet bulb (WB).

Due to our policy of continuous product innovation, some specifications may change without notification.
©LG Electronics U.S.A., Inc., Englewood Cliffs, NJ. All rights reserved. "LG" is a registered trademark of LG Corp.

PERFORMANCE DATA

Heating Capacity Tables

Table 83: LMU247HV Heating Capacity Table — Ducted Indoor Units (continued) / Mixed Indoor Units.

Connected Indoor Units	Combination Capacity Index	Outdoor Air Temp.		Indoor Air Temp. °F DB											
		°F	°F	61		64		68		70		72		75	
		DB	WB	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
Three (3) Ducted Indoor Units	9 + 12 + 12	0	-0.4	11.78	1.66	11.08	1.72	11.09	1.75	10.84	1.76	10.63	1.78	10.18	1.84
		5	4.5	14.30	1.68	13.63	1.74	13.44	1.78	13.15	1.80	12.92	1.82	12.40	1.88
		10	9	15.99	1.71	15.34	1.77	15.00	1.81	14.70	1.84	14.45	1.86	13.88	1.92
		17	15	17.84	1.74	17.22	1.80	16.73	1.85	**16.40**	**1.88**	16.14	1.91	15.52	1.96
		20	19	18.97	1.76	18.36	1.82	17.77	1.88	17.43	1.91	17.16	1.94	16.51	2.00
		25	23	20.84	1.80	20.22	1.86	19.52	1.93	19.15	1.97	18.86	2.00	18.15	2.05
		30	28	22.72	1.85	22.02	1.92	21.26	1.97	20.87	2.02	20.56	2.05	19.80	2.10
		35	32	24.60	1.90	23.82	1.97	23.00	2.02	22.59	2.07	22.26	2.11	21.46	2.16
		40	36	25.85	1.96	25.13	2.03	24.32	2.08	23.90	2.13	23.57	2.16	22.71	2.22
		45	41	27.42	2.03	26.76	2.10	25.98	2.16	25.54	2.20	25.20	2.23	24.28	2.30
		47	43	28.05	2.06	27.42	2.12	26.64	2.19	**26.20**	**2.23**	25.85	2.26	24.91	2.33
		50	46	28.13	2.04	27.56	2.10	26.88	2.17	26.49	2.20	26.18	2.22	25.29	2.28
		55	51	28.27	2.02	27.80	2.07	27.28	2.12	26.97	2.14	26.72	2.16	25.93	2.21
		60	56	28.40	2.00	28.03	2.04	27.69	2.08	27.45	2.09	27.26	2.10	26.56	2.14
		63	59	28.48	1.99	28.17	2.02	27.93	2.05	27.74	2.06	27.59	2.07	26.95	2.09
		68	64	28.57	1.97	28.32	2.00	28.18	2.02	28.03	2.03	27.92	2.03	27.33	2.05
Two (2) Mixed Indoor Units	9 + 9	0	-0.4	8.79	1.45	8.26	1.51	8.28	1.53	8.09	1.55	7.93	1.56	7.60	1.61
		5	4.5	10.78	1.48	10.27	1.53	10.12	1.56	9.91	1.58	9.74	1.60	9.34	1.65
		10	9	12.11	1.50	11.62	1.55	11.36	1.59	11.13	1.61	10.94	1.63	10.51	1.68
		17	15	13.57	1.53	13.10	1.58	12.72	1.63	**12.47**	**1.65**	12.27	1.67	11.80	1.72
		20	19	14.45	1.55	13.99	1.60	13.54	1.65	13.28	1.68	13.07	1.71	12.58	1.75
		25	23	15.93	1.58	15.46	1.63	14.92	1.69	14.64	1.73	14.41	1.75	13.87	1.80
		30	28	17.41	1.63	16.87	1.68	16.29	1.73	15.99	1.77	15.75	1.80	15.17	1.85
		35	32	18.89	1.67	18.29	1.73	17.67	1.78	17.35	1.82	17.09	1.85	16.48	1.90
		40	36	19.85	1.72	19.29	1.78	18.68	1.83	18.36	1.87	18.10	1.90	17.44	1.95
		45	41	21.06	1.78	20.55	1.84	19.95	1.90	19.62	1.93	19.35	1.96	18.65	2.02
		47	43	21.54	1.81	21.06	1.87	20.45	1.93	**20.12**	**1.96**	19.85	1.99	19.13	2.05
		50	46	21.60	1.80	21.16	1.85	20.64	1.90	20.34	1.93	20.10	1.95	19.42	2.01
		55	51	21.71	1.78	21.35	1.82	20.95	1.86	20.71	1.89	20.52	1.90	19.91	1.94
		60	56	21.81	1.76	21.53	1.79	21.26	1.82	21.08	1.84	20.94	1.85	20.40	1.88
		63	59	21.87	1.75	21.64	1.77	21.45	1.80	21.30	1.81	21.18	1.82	20.69	1.84
		68	64	21.94	1.74	21.75	1.76	21.64	1.78	21.53	1.78	21.44	1.79	20.99	1.80
	9 + 12	0	-0.4	10.01	1.63	9.40	1.69	9.42	1.72	9.20	1.74	9.03	1.75	8.65	1.81
		5	4.5	12.27	1.66	11.69	1.72	11.52	1.75	11.28	1.77	11.08	1.79	10.63	1.85
		10	9	13.78	1.68	13.22	1.74	12.93	1.78	12.67	1.81	12.46	1.83	11.96	1.89
		17	15	15.44	1.72	14.91	1.77	14.48	1.83	**14.19**	**1.86**	13.97	1.88	13.43	1.93
		20	19	16.45	1.74	15.93	1.79	15.41	1.85	15.12	1.89	14.88	1.91	14.32	1.97
		25	23	18.13	1.78	17.59	1.83	16.98	1.90	16.66	1.94	16.40	1.97	15.79	2.02
		30	28	19.82	1.83	19.20	1.89	18.54	1.95	18.20	1.99	17.93	2.02	17.27	2.08
		35	32	21.50	1.88	20.82	1.94	20.11	2.00	19.75	2.04	19.46	2.08	18.75	2.13
		40	36	22.60	1.93	21.96	2.00	21.26	2.06	20.89	2.10	20.60	2.13	19.85	2.19
		45	41	23.97	2.00	23.39	2.07	22.70	2.13	22.33	2.17	22.02	2.20	21.22	2.27
		47	43	24.51	2.03	23.97	2.10	23.28	2.16	**22.90**	**2.20**	22.60	2.23	21.77	2.30
		50	46	24.58	2.02	24.09	2.08	23.49	2.14	23.15	2.17	22.88	2.19	22.11	2.25
		55	51	24.70	1.99	24.30	2.04	23.85	2.09	23.57	2.12	23.35	2.14	22.66	2.18
		60	56	24.82	1.97	24.50	2.01	24.20	2.05	23.99	2.06	23.83	2.08	23.22	2.11
		63	59	24.90	1.96	24.63	1.99	24.41	2.02	24.25	2.03	24.11	2.04	23.55	2.06
		68	64	24.97	1.95	24.75	1.97	24.63	2.00	24.50	2.00	24.40	2.01	23.89	2.02

TC = Total Capacity (kBtu/h).

PI = Power Input (kW).

Nominal capacity as rated: 0 ft. above sea level with 25 ft. of refrigerant piping.
0 ft. level difference between outdoor and indoor units.

Nominal heating capacity rating obtained with air entering the indoor unit at 70°F dry bulb (DB) and 60°F wet bulb (WB), and outdoor ambient conditions of 47°F dry bulb (DB) and 43°F wet bulb (WB).

Due to our policy of continuous product innovation, some specifications may change without notification.
©LG Electronics U.S.A., Inc., Englewood Cliffs, NJ. All rights reserved. "LG" is a registered trademark of LG Corp.

Table 84: LMU247HV Heating Capacity Table — Mixed Indoor Units (continued).

Connected Indoor Units	Combination Capacity Index	Outdoor Air Temp.		Indoor Air Temp. °F DB											
		°F	°F	61		64		68		70		72		75	
		DB	WB	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
Two (2) Mixed Indoor Units	12 + 12	0	-0.4	11.49	1.74	10.80	1.80	10.82	1.83	10.57	1.85	10.37	1.86	9.93	1.93
		5	4.5	14.09	1.76	13.42	1.83	13.23	1.87	12.95	1.89	12.73	1.90	12.21	1.97
		10	9	15.82	1.79	15.18	1.85	14.85	1.90	14.55	1.92	14.30	1.95	13.74	2.01
		17	15	17.74	1.82	17.12	1.88	16.63	1.94	**16.30**	**1.97**	16.04	2.00	15.42	2.06
		20	19	18.89	1.85	18.29	1.90	17.70	1.97	17.36	2.01	17.09	2.04	16.44	2.09
		25	23	20.82	1.89	20.21	1.95	19.50	2.02	19.13	2.06	18.84	2.09	18.13	2.15
		30	28	22.76	1.95	22.05	2.01	21.30	2.07	20.91	2.12	20.59	2.15	19.84	2.21
		35	32	24.69	2.00	23.91	2.07	23.09	2.12	22.68	2.17	22.34	2.21	21.54	2.26
		40	36	25.95	2.06	25.22	2.13	24.42	2.19	23.99	2.23	23.66	2.27	22.80	2.33
		45	41	27.52	2.13	26.87	2.20	26.07	2.27	25.64	2.31	25.29	2.34	24.38	2.41
		47	43	28.15	2.16	27.52	2.23	26.74	2.30	**26.30**	**2.34**	25.95	2.37	25.01	2.44
		50	46	28.24	2.14	27.67	2.21	26.98	2.27	26.59	2.31	26.28	2.33	25.39	2.40
		55	51	28.37	2.12	27.90	2.17	27.39	2.23	27.07	2.25	26.82	2.27	26.03	2.32
		60	56	28.51	2.10	28.14	2.14	27.79	2.18	27.56	2.19	27.37	2.21	26.67	2.24
		63	59	28.59	2.09	28.28	2.12	28.04	2.15	27.85	2.16	27.69	2.17	27.05	2.20
		68	64	28.68	2.07	28.42	2.10	28.28	2.12	28.14	2.13	28.02	2.13	27.44	2.15
	9 + 18	0	-0.4	11.49	1.74	10.80	1.80	10.82	1.83	10.57	1.85	10.37	1.86	9.93	1.93
		5	4.5	14.09	1.76	13.42	1.83	13.23	1.87	12.95	1.89	12.73	1.90	12.21	1.97
		10	9	15.82	1.79	15.18	1.85	14.85	1.90	14.55	1.92	14.30	1.95	13.74	2.01
		17	15	17.74	1.82	17.12	1.88	16.63	1.94	**16.30**	**1.97**	16.04	2.00	15.42	2.06
		20	19	18.89	1.85	18.29	1.90	17.70	1.97	17.36	2.01	17.09	2.04	16.44	2.09
		25	23	20.82	1.89	20.21	1.95	19.50	2.02	19.13	2.06	18.84	2.09	18.13	2.15
		30	28	22.76	1.95	22.05	2.01	21.30	2.07	20.91	2.12	20.59	2.15	19.84	2.21
		35	32	24.69	2.00	23.91	2.07	23.09	2.12	22.68	2.17	22.34	2.21	21.54	2.26
		40	36	25.95	2.06	25.22	2.13	24.42	2.19	23.99	2.23	23.66	2.27	22.80	2.33
		45	41	27.52	2.13	26.87	2.20	26.07	2.27	25.64	2.31	25.29	2.34	24.38	2.41
		47	43	28.15	2.16	27.52	2.23	26.74	2.30	**26.30**	**2.34**	25.95	2.37	25.01	2.44
		50	46	28.24	2.14	27.67	2.21	26.98	2.27	26.59	2.31	26.28	2.33	25.39	2.40
		55	51	28.37	2.12	27.90	2.17	27.39	2.23	27.07	2.25	26.82	2.27	26.03	2.32
		60	56	28.51	2.10	28.14	2.14	27.79	2.18	27.56	2.19	27.37	2.21	26.67	2.24
		63	59	28.59	2.09	28.28	2.12	28.04	2.15	27.85	2.16	27.69	2.17	27.05	2.20
		68	64	28.68	2.07	28.42	2.10	28.28	2.12	28.14	2.13	28.02	2.13	27.44	2.15
	12 + 18	0	-0.4	11.49	1.74	10.80	1.80	10.82	1.83	10.57	1.85	10.37	1.86	9.93	1.93
		5	4.5	14.09	1.76	13.42	1.83	13.23	1.87	12.95	1.89	12.73	1.90	12.21	1.97
		10	9	15.82	1.79	15.18	1.85	14.85	1.90	14.55	1.92	14.30	1.95	13.74	2.01
		17	15	17.74	1.82	17.12	1.88	16.63	1.94	**16.30**	**1.97**	16.04	2.00	15.42	2.06
		20	19	18.89	1.85	18.29	1.90	17.70	1.97	17.36	2.01	17.09	2.04	16.44	2.09
		25	23	20.82	1.89	20.21	1.95	19.50	2.02	19.13	2.06	18.84	2.09	18.13	2.15
		30	28	22.76	1.95	22.05	2.01	21.30	2.07	20.91	2.12	20.59	2.15	19.84	2.21
		35	32	24.69	2.00	23.91	2.07	23.09	2.12	22.68	2.17	22.34	2.21	21.54	2.26
		40	36	25.95	2.06	25.22	2.13	24.42	2.19	23.99	2.23	23.66	2.27	22.80	2.33
		45	41	27.52	2.13	26.87	2.20	26.07	2.27	25.64	2.31	25.29	2.34	24.38	2.41
		47	43	28.15	2.16	27.52	2.23	26.74	2.30	**26.30**	**2.34**	25.95	2.37	25.01	2.44
		50	46	28.24	2.14	27.67	2.21	26.98	2.27	26.59	2.31	26.28	2.33	25.39	2.40
		55	51	28.37	2.12	27.90	2.17	27.39	2.23	27.07	2.25	26.82	2.27	26.03	2.32
		60	56	28.51	2.10	28.14	2.14	27.79	2.18	27.56	2.19	27.37	2.21	26.67	2.24
		63	59	28.59	2.09	28.28	2.12	28.04	2.15	27.85	2.16	27.69	2.17	27.05	2.20
		68	64	28.68	2.07	28.42	2.10	28.28	2.12	28.14	2.13	28.02	2.13	27.44	2.15

TC = Total Capacity (kBtu/h).

PI = Power Input (kW).

Nominal capacity as rated: 0 ft. above sea level with 25 ft. of refrigerant piping.
0 ft. level difference between outdoor and indoor units.

Nominal heating capacity rating obtained with air entering the indoor unit at 70°F dry bulb (DB) and 60°F wet bulb (WB), and outdoor ambient conditions of 47°F dry bulb (DB) and 43°F wet bulb (WB).

Due to our policy of continuous product innovation, some specifications may change without notification.
©LG Electronics U.S.A., Inc., Englewood Cliffs, NJ. All rights reserved. "LG" is a registered trademark of LG Corp.

PERFORMANCE DATA

Heating Capacity Tables

Table 85: LMU247HV Heating Capacity Table — Mixed Indoor Units (continued).

Connected Indoor Units	Combination Capacity Index	Outdoor Air Temp.		Indoor Air Temp. °F DB											
		°F	°F	61		64		68		70		72		75	
		DB	WB	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
Three (3) Mixed Indoor Units	9 + 9 + 9	0	-0.4	11.49	1.65	10.80	1.71	10.82	1.74	10.57	1.75	10.37	1.76	9.93	1.83
		5	4.5	14.09	1.67	13.42	1.73	13.23	1.77	12.95	1.79	12.73	1.81	12.21	1.87
		10	9	15.82	1.70	15.18	1.76	14.85	1.80	14.55	1.83	14.30	1.85	13.74	1.90
		17	15	17.74	1.73	17.12	1.79	16.63	1.84	**16.30**	**1.87**	16.04	1.90	15.42	1.95
		20	19	18.89	1.75	18.29	1.81	17.70	1.87	17.36	1.90	17.09	1.93	16.44	1.98
		25	23	20.82	1.80	20.21	1.85	19.50	1.92	19.13	1.96	18.84	1.99	18.13	2.04
		30	28	22.76	1.85	22.05	1.91	21.30	1.96	20.91	2.01	20.59	2.04	19.84	2.09
		35	32	24.69	1.89	23.91	1.96	23.09	2.01	22.68	2.06	22.34	2.10	21.54	2.15
		40	36	25.95	1.95	25.22	2.02	24.42	2.07	23.99	2.12	23.66	2.15	22.80	2.21
		45	41	27.52	2.02	26.87	2.09	26.07	2.15	25.64	2.19	25.29	2.22	24.38	2.29
		47	43	28.15	2.05	27.52	2.11	26.74	2.18	**26.30**	**2.22**	25.95	2.25	25.01	2.32
		50	46	28.24	2.03	27.67	2.10	26.98	2.16	26.59	2.19	26.28	2.21	25.39	2.27
		55	51	28.37	2.01	27.90	2.06	27.39	2.11	27.07	2.14	26.82	2.15	26.03	2.20
		60	56	28.51	1.99	28.14	2.03	27.79	2.07	27.56	2.08	27.37	2.09	26.67	2.13
		63	59	28.59	1.98	28.28	2.01	28.04	2.04	27.85	2.05	27.69	2.06	27.05	2.08
		68	64	28.68	1.97	28.42	1.99	28.28	2.01	28.14	2.02	28.02	2.02	27.44	2.04
	9 + 9 + 12	0	-0.4	11.49	1.65	10.80	1.71	10.82	1.74	10.57	1.75	10.37	1.76	9.93	1.83
		5	4.5	14.09	1.67	13.42	1.73	13.23	1.77	12.95	1.79	12.73	1.81	12.21	1.87
		10	9	15.82	1.70	15.18	1.76	14.85	1.80	14.55	1.83	14.30	1.85	13.74	1.90
		17	15	17.74	1.73	17.12	1.79	16.63	1.84	**16.30**	**1.87**	16.04	1.90	15.42	1.95
		20	19	18.89	1.75	18.29	1.81	17.70	1.87	17.36	1.90	17.09	1.93	16.44	1.98
		25	23	20.82	1.80	20.21	1.85	19.50	1.92	19.13	1.96	18.84	1.99	18.13	2.04
		30	28	22.76	1.85	22.05	1.91	21.30	1.96	20.91	2.01	20.59	2.04	19.84	2.09
		35	32	24.69	1.89	23.91	1.96	23.09	2.01	22.68	2.06	22.34	2.10	21.54	2.15
		40	36	25.95	1.95	25.22	2.02	24.42	2.07	23.99	2.12	23.66	2.15	22.80	2.21
		45	41	27.52	2.02	26.87	2.09	26.07	2.15	25.64	2.19	25.29	2.22	24.38	2.29
		47	43	28.15	2.05	27.52	2.11	26.74	2.18	**26.30**	**2.22**	25.95	2.25	25.01	2.32
		50	46	28.24	2.03	27.67	2.10	26.98	2.16	26.59	2.19	26.28	2.21	25.39	2.27
		55	51	28.37	2.01	27.90	2.06	27.39	2.11	27.07	2.14	26.82	2.15	26.03	2.20
		60	56	28.51	1.99	28.14	2.03	27.79	2.07	27.56	2.08	27.37	2.09	26.67	2.13
		63	59	28.59	1.98	28.28	2.01	28.04	2.04	27.85	2.05	27.69	2.06	27.05	2.08
		68	64	28.68	1.97	28.42	1.99	28.28	2.01	28.14	2.02	28.02	2.02	27.44	2.04
	9 + 12 + 12	0	-0.4	11.49	1.65	10.80	1.71	10.82	1.74	10.57	1.75	10.37	1.76	9.93	1.83
		5	4.5	14.09	1.67	13.42	1.73	13.23	1.77	12.95	1.79	12.73	1.81	12.21	1.87
		10	9	15.82	1.70	15.18	1.76	14.85	1.80	14.55	1.83	14.30	1.85	13.74	1.90
		17	15	17.74	1.73	17.12	1.79	16.63	1.84	**16.30**	**1.87**	16.04	1.90	15.42	1.95
		20	19	18.89	1.75	18.29	1.81	17.70	1.87	17.36	1.90	17.09	1.93	16.44	1.98
		25	23	20.82	1.80	20.21	1.85	19.50	1.92	19.13	1.96	18.84	1.99	18.13	2.04
		30	28	22.76	1.85	22.05	1.91	21.30	1.96	20.91	2.01	20.59	2.04	19.84	2.09
		35	32	24.69	1.89	23.91	1.96	23.09	2.01	22.68	2.06	22.34	2.10	21.54	2.15
		40	36	25.95	1.95	25.22	2.02	24.42	2.07	23.99	2.12	23.66	2.15	22.80	2.21
		45	41	27.52	2.02	26.87	2.09	26.07	2.15	25.64	2.19	25.29	2.22	24.38	2.29
		47	43	28.15	2.05	27.52	2.11	26.74	2.18	**26.30**	**2.22**	25.95	2.25	25.01	2.32
		50	46	28.24	2.03	27.67	2.10	26.98	2.16	26.59	2.19	26.28	2.21	25.39	2.27
		55	51	28.37	2.01	27.90	2.06	27.39	2.11	27.07	2.14	26.82	2.15	26.03	2.20
		60	56	28.51	1.99	28.14	2.03	27.79	2.07	27.56	2.08	27.37	2.09	26.67	2.13
		63	59	28.59	1.98	28.28	2.01	28.04	2.04	27.85	2.05	27.69	2.06	27.05	2.08
		68	64	28.68	1.97	28.42	1.99	28.28	2.01	28.14	2.02	28.02	2.02	27.44	2.04

TC = Total Capacity (kBtu/h).

PI = Power Input (kW).

Nominal capacity as rated: 0 ft. above sea level with 25 ft. of refrigerant piping.
0 ft. level difference between outdoor and indoor units.

Nominal heating capacity rating obtained with air entering the indoor unit at 70°F dry bulb (DB) and 60°F wet bulb (WB), and outdoor ambient conditions of 47°F dry bulb (DB) and 43°F wet bulb (WB).

Due to our policy of continuous product innovation, some specifications may change without notification.
©LG Electronics U.S.A., Inc., Englewood Cliffs, NJ. All rights reserved. "LG" is a registered trademark of LG Corp.

PERFORMANCE DATA

Heating Capacity Tables

Table 86: LMU369HV Heating Capacity Table — Non-Ducted Indoor Units.

Connected Indoor Units	Combination Capacity Index	Outdoor Air Temp.		Indoor Air Temp. °F DB											
		°F	°F	61		64		68		70		72		75	
		DB	WB	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
Two (2) Non-Ducted Indoor Units	9 + 9	0	-0.4	9.66	1.37	9.09	1.42	9.09	1.44	8.89	1.45	8.72	1.46	8.35	1.51
		5	4.5	11.58	1.41	11.04	1.46	10.88	1.49	10.65	1.51	10.46	1.52	10.04	1.58
		10	9	12.87	1.46	12.35	1.51	12.07	1.54	11.83	1.57	11.63	1.58	11.17	1.63
		17	15	14.28	1.51	13.79	1.56	13.39	1.61	**13.13**	**1.64**	12.92	1.66	12.42	1.71
		20	19	15.14	1.55	14.66	1.60	14.19	1.66	13.91	1.69	13.70	1.71	13.18	1.76
		25	23	16.57	1.62	16.08	1.67	15.52	1.73	15.23	1.77	14.99	1.80	14.43	1.84
		30	28	18.00	1.70	17.45	1.76	16.85	1.81	16.54	1.85	16.29	1.88	15.69	1.93
		35	32	19.43	1.78	18.82	1.84	18.17	1.89	17.85	1.93	17.59	1.97	16.95	2.01
		40	36	20.42	1.83	19.85	1.89	19.22	1.94	18.89	1.98	18.62	2.02	17.94	2.07
		45	41	21.66	1.89	21.15	1.96	20.52	2.02	20.18	2.05	19.91	2.08	19.19	2.14
		47	43	22.16	1.92	21.66	1.98	21.04	2.04	**20.70**	**2.08**	20.42	2.11	19.68	2.17
		50	46	22.22	1.91	21.77	1.96	21.24	2.02	20.93	2.05	20.68	2.07	19.98	2.13
		55	51	22.33	1.89	21.96	1.93	21.56	1.98	21.31	2.00	21.11	2.02	20.49	2.06
		60	56	22.44	1.87	22.15	1.90	21.88	1.94	21.69	1.95	21.54	1.96	20.99	1.99
		63	59	22.51	1.85	22.26	1.88	22.07	1.91	21.92	1.92	21.80	1.93	21.29	1.95
		68	64	22.57	1.84	22.37	1.87	22.26	1.89	22.15	1.89	22.06	1.90	21.59	1.91
	9 + 12	0	-0.4	11.27	1.67	10.60	1.73	10.61	1.76	10.37	1.77	10.17	1.78	9.74	1.85
		5	4.5	13.51	1.73	12.88	1.79	12.69	1.82	12.42	1.84	12.21	1.86	11.71	1.92
		10	9	15.01	1.78	14.41	1.84	14.09	1.89	13.80	1.91	13.57	1.93	13.04	1.99
		17	15	16.66	1.85	16.08	1.91	15.62	1.97	**15.31**	**2.00**	15.07	2.03	14.49	2.09
		20	19	17.66	1.90	17.10	1.96	16.55	2.02	16.23	2.06	15.98	2.09	15.37	2.15
		25	23	19.33	1.98	18.76	2.04	18.11	2.12	17.76	2.16	17.49	2.19	16.83	2.25
		30	28	21.00	2.08	20.35	2.14	19.65	2.21	19.29	2.26	19.00	2.30	18.31	2.35
		35	32	22.67	2.17	21.95	2.25	21.20	2.30	20.82	2.36	20.52	2.40	19.78	2.46
		40	36	23.83	2.23	23.16	2.31	22.42	2.37	22.03	2.42	21.72	2.46	20.94	2.53
		45	41	25.27	2.31	24.67	2.39	23.94	2.46	23.55	2.51	23.23	2.54	22.38	2.62
		47	43	25.85	2.34	25.27	2.42	24.55	2.50	**24.15**	**2.54**	23.83	2.57	22.96	2.65
		50	46	25.93	2.33	25.40	2.40	24.78	2.47	24.42	2.50	24.13	2.53	23.31	2.60
		55	51	26.05	2.30	25.62	2.36	25.15	2.42	24.86	2.44	24.63	2.47	23.90	2.52
		60	56	26.18	2.28	25.84	2.32	25.52	2.36	25.30	2.38	25.13	2.40	24.49	2.43
		63	59	26.26	2.26	25.97	2.30	25.75	2.33	25.57	2.35	25.43	2.36	24.84	2.38
		68	64	26.33	2.25	26.10	2.28	25.97	2.30	25.84	2.31	25.73	2.32	25.19	2.33
	12 + 12	0	-0.4	12.88	1.70	12.11	1.77	12.12	1.79	11.85	1.81	11.63	1.82	11.13	1.88
		5	4.5	15.44	1.76	14.72	1.82	14.50	1.86	14.20	1.88	13.95	1.90	13.39	1.96
		10	9	17.16	1.81	16.46	1.88	16.10	1.92	15.77	1.95	15.51	1.97	14.90	2.03
		17	15	19.04	1.89	18.38	1.95	17.85	2.01	**17.50**	**2.04**	17.22	2.07	16.56	2.13
		20	19	20.19	1.93	19.54	1.99	18.92	2.06	18.55	2.10	18.26	2.13	17.57	2.19
		25	23	22.09	2.02	21.44	2.08	20.69	2.16	20.30	2.20	19.99	2.24	19.23	2.30
		30	28	24.00	2.12	23.26	2.19	22.46	2.25	22.05	2.30	21.72	2.34	20.92	2.40
		35	32	25.91	2.21	25.09	2.29	24.23	2.35	23.80	2.40	23.45	2.45	22.60	2.51
		40	36	27.23	2.28	26.47	2.35	25.62	2.42	25.18	2.47	24.83	2.51	23.93	2.58
		45	41	28.88	2.36	28.19	2.43	27.36	2.51	26.91	2.56	26.55	2.59	25.58	2.67
		47	43	29.54	2.39	28.88	2.47	28.06	2.55	**27.60**	**2.59**	27.23	2.63	26.24	2.70
		50	46	29.63	2.37	29.03	2.44	28.31	2.52	27.90	2.55	27.58	2.58	26.64	2.65
		55	51	29.78	2.35	29.28	2.41	28.74	2.46	28.41	2.49	28.15	2.51	27.31	2.57
		60	56	29.92	2.32	29.53	2.37	29.17	2.41	28.92	2.43	28.72	2.44	27.98	2.48
		63	59	30.01	2.31	29.68	2.35	29.42	2.38	29.22	2.39	29.06	2.40	28.39	2.43
		68	64	30.09	2.29	29.83	2.32	29.68	2.35	29.53	2.36	29.41	2.36	28.79	2.38

TC = Total Capacity (kBtu/h).

PI = Power Input (kW).

Nominal capacity as rated: 0 ft. above sea level with 25 ft. of refrigerant piping.
0 ft. level difference between outdoor and indoor units.

Nominal heating capacity rating obtained with air entering the indoor unit at 70°F dry bulb (DB) and 60°F wet bulb (WB), and outdoor ambient conditions of 47°F dry bulb (DB) and 43°F wet bulb (WB).

Due to our policy of continuous product innovation, some specifications may change without notification.
©LG Electronics U.S.A., Inc., Englewood Cliffs, NJ. All rights reserved. "LG" is a registered trademark of LG Corp.

PERFORMANCE DATA

Heating Capacity Tables

Table 87: LMU369HV Heating Capacity Table — Non-Ducted Indoor Units.

Connected Indoor Units	Combination Capacity Index	Outdoor Air Temp.		Indoor Air Temp. °F DB											
		°F	°F	61		64		68		70		72		75	
		DB	WB	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
Two (2) Non-Ducted Indoor Units	9 + 18	0	-0.4	14.49	1.90	13.63	1.98	13.64	2.01	13.33	2.02	13.08	2.04	12.52	2.11
		5	4.5	17.37	1.97	16.56	2.04	16.32	2.08	15.97	2.11	15.70	2.12	15.06	2.20
		10	9	19.30	2.03	18.52	2.10	18.11	2.15	17.74	2.18	17.45	2.21	16.76	2.28
		17	15	21.42	2.11	20.68	2.18	20.08	2.25	**19.69**	**2.28**	19.38	2.31	18.63	2.38
		20	19	22.71	2.17	21.99	2.23	21.28	2.31	20.87	2.35	20.54	2.39	19.76	2.45
		25	23	24.85	2.26	24.12	2.33	23.28	2.42	22.84	2.47	22.49	2.50	21.64	2.57
		30	28	27.00	2.37	26.17	2.45	25.27	2.52	24.81	2.58	24.43	2.62	23.54	2.69
		35	32	29.15	2.48	28.22	2.56	27.26	2.63	26.77	2.69	26.38	2.74	25.43	2.81
		40	36	30.64	2.55	29.78	2.64	28.83	2.71	28.33	2.77	27.93	2.81	26.92	2.89
		45	41	32.49	2.64	31.72	2.73	30.78	2.81	30.27	2.86	29.86	2.90	28.78	2.99
		47	43	33.24	2.67	32.49	2.76	31.57	2.85	**31.05**	**2.90**	30.64	2.94	29.52	3.03
		50	46	33.33	2.66	32.66	2.74	31.85	2.82	31.39	2.86	31.02	2.89	29.98	2.97
		55	51	33.50	2.63	32.94	2.69	32.33	2.76	31.96	2.79	31.67	2.81	30.73	2.87
		60	56	33.66	2.60	33.22	2.65	32.81	2.70	32.53	2.72	32.31	2.74	31.48	2.78
		63	59	33.76	2.58	33.39	2.63	33.10	2.67	32.87	2.68	32.69	2.69	31.93	2.72
		68	64	33.86	2.57	33.56	2.60	33.39	2.63	33.22	2.64	33.08	2.64	32.39	2.67
	12 + 18	0	-0.4	16.10	2.11	15.14	2.19	15.16	2.23	14.81	2.25	14.53	2.26	13.92	2.34
		5	4.5	19.30	2.19	18.40	2.27	18.13	2.31	17.75	2.34	17.44	2.36	16.73	2.44
		10	9	21.45	2.25	20.58	2.33	20.12	2.39	19.71	2.42	19.39	2.45	18.62	2.53
		17	15	23.81	2.35	22.98	2.42	22.32	2.49	**21.88**	**2.54**	21.53	2.57	20.70	2.64
		20	19	25.23	2.41	24.43	2.48	23.64	2.56	23.19	2.61	22.83	2.65	21.96	2.72
		25	23	27.62	2.51	26.80	2.59	25.86	2.68	25.38	2.74	24.98	2.78	24.04	2.85
		30	28	30.00	2.63	29.08	2.72	28.08	2.80	27.56	2.86	27.15	2.91	26.15	2.99
		35	32	32.39	2.75	31.36	2.85	30.29	2.92	29.75	2.99	29.31	3.04	28.25	3.12
		40	36	34.04	2.83	33.08	2.93	32.03	3.01	31.48	3.07	31.03	3.12	29.91	3.21
		45	41	36.10	2.93	35.24	3.03	34.20	3.12	33.64	3.18	33.18	3.22	31.98	3.32
		47	43	36.93	2.97	36.10	3.07	35.07	3.17	**34.50**	**3.22**	34.04	3.26	32.80	3.36
		50	46	37.04	2.95	36.29	3.04	35.39	3.13	34.88	3.17	34.47	3.21	33.31	3.30
		55	51	37.22	2.92	36.60	2.99	35.93	3.06	35.51	3.10	35.18	3.12	34.14	3.19
		60	56	37.40	2.89	36.91	2.94	36.46	3.00	36.15	3.02	35.90	3.04	34.98	3.09
		63	59	37.51	2.87	37.10	2.92	36.78	2.96	36.53	2.97	36.33	2.99	35.48	3.02
		68	64	37.62	2.85	37.29	2.89	37.10	2.92	36.91	2.93	36.76	2.94	35.99	2.96
	18 + 18	0	-0.4	17.73	2.32	16.68	2.41	16.69	2.44	16.31	2.46	16.01	2.48	15.33	2.57
		5	4.5	21.26	2.40	20.27	2.48	19.97	2.54	19.55	2.56	19.21	2.59	18.43	2.67
		10	9	23.62	2.47	22.67	2.56	22.17	2.62	21.71	2.66	21.35	2.69	20.51	2.77
		17	15	26.22	2.57	25.31	2.65	24.58	2.74	**24.10**	**2.78**	23.71	2.82	22.80	2.90
		20	19	27.79	2.64	26.91	2.72	26.04	2.81	25.54	2.86	25.14	2.90	24.19	2.99
		25	23	30.42	2.75	29.52	2.83	28.49	2.94	27.95	3.00	27.52	3.05	26.48	3.13
		30	28	33.05	2.88	32.03	2.98	30.93	3.07	30.36	3.14	29.90	3.19	28.80	3.27
		35	32	35.68	3.01	34.54	3.12	33.36	3.20	32.77	3.28	32.29	3.34	31.12	3.42
		40	36	37.50	3.10	36.44	3.21	35.28	3.30	34.67	3.37	34.18	3.42	32.94	3.51
		45	41	39.77	3.21	38.82	3.32	37.67	3.42	37.05	3.48	36.55	3.53	35.22	3.64
		47	43	40.68	3.26	39.77	3.36	38.63	3.47	**38.00**	**3.53**	37.50	3.58	36.13	3.69
		50	46	40.80	3.23	39.97	3.33	38.98	3.43	38.42	3.48	37.97	3.52	36.68	3.62
		55	51	41.00	3.20	40.32	3.28	39.57	3.36	39.12	3.40	38.75	3.43	37.61	3.50
		60	56	41.19	3.17	40.66	3.23	40.16	3.29	39.81	3.31	39.54	3.33	38.53	3.38
		63	59	41.31	3.15	40.86	3.20	40.51	3.24	40.23	3.26	40.01	3.27	39.08	3.31
		68	64	41.43	3.13	41.07	3.17	40.87	3.20	40.66	3.21	40.49	3.22	39.64	3.24

TC = Total Capacity (kBtu/h).

PI = Power Input (kW).

Nominal capacity as rated: 0 ft. above sea level with 25 ft. of refrigerant piping.
0 ft. level difference between outdoor and indoor units.

Nominal heating capacity rating obtained with air entering the indoor unit at 70°F dry bulb (DB) and 60°F wet bulb (WB), and outdoor ambient conditions of 47°F dry bulb (DB) and 43°F wet bulb (WB).

Due to our policy of continuous product innovation, some specifications may change without notification.
©LG Electronics U.S.A., Inc., Englewood Cliffs, NJ. All rights reserved. "LG" is a registered trademark of LG Corp.

PERFORMANCE DATA

Heating Capacity Tables

Table 88: LMU369HV Heating Capacity Table — Non-Ducted Indoor Units.

Connected Indoor Units	Combination Capacity Index	Outdoor Air Temp.		Indoor Air Temp. °F DB											
		°F	°F	61		64		68		70		72		75	
		DB	WB	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
Three (3) Non-Ducted Indoor Units	9 + 9 + 9	0	-0.4	14.49	1.90	13.63	1.98	13.64	2.01	13.33	2.02	13.08	2.04	12.52	2.11
		5	4.5	17.37	1.97	16.56	2.04	16.32	2.08	15.97	2.11	15.70	2.12	15.06	2.20
		10	9	19.30	2.03	18.52	2.10	18.11	2.15	17.74	2.18	17.45	2.21	16.76	2.28
		17	15	21.42	2.11	20.68	2.18	20.08	2.25	**19.69**	**2.28**	19.38	2.31	18.63	2.38
		20	19	22.71	2.17	21.99	2.23	21.28	2.31	20.87	2.35	20.54	2.39	19.76	2.45
		25	23	24.85	2.26	24.12	2.33	23.28	2.42	22.84	2.47	22.49	2.50	21.64	2.57
		30	28	27.00	2.37	26.17	2.45	25.27	2.52	24.81	2.58	24.43	2.62	23.54	2.69
		35	32	29.15	2.48	28.22	2.56	27.26	2.63	26.77	2.69	26.38	2.74	25.43	2.81
		40	36	30.64	2.55	29.78	2.64	28.83	2.71	28.33	2.77	27.93	2.81	26.92	2.89
		45	41	32.49	2.64	31.72	2.73	30.78	2.81	30.27	2.86	29.86	2.90	28.78	2.99
		47	43	33.24	2.67	32.49	2.76	31.57	2.85	**31.05**	**2.90**	30.64	2.94	29.52	3.03
		50	46	33.33	2.66	32.66	2.74	31.85	2.82	31.39	2.86	31.02	2.89	29.98	2.97
		55	51	33.50	2.63	32.94	2.69	32.33	2.76	31.96	2.79	31.67	2.81	30.73	2.87
		60	56	33.66	2.60	33.22	2.65	32.81	2.70	32.53	2.72	32.31	2.74	31.48	2.78
		63	59	33.76	2.58	33.39	2.63	33.10	2.67	32.87	2.68	32.69	2.69	31.93	2.72
		68	64	33.86	2.57	33.56	2.60	33.39	2.63	33.22	2.64	33.08	2.64	32.39	2.67
	9 + 9 + 12	0	-0.4	16.10	2.11	15.14	2.19	15.16	2.23	14.81	2.25	14.53	2.26	13.92	2.34
		5	4.5	19.30	2.19	18.40	2.27	18.13	2.31	17.75	2.34	17.44	2.36	16.73	2.44
		10	9	21.45	2.25	20.58	2.33	20.12	2.39	19.71	2.42	19.39	2.45	18.62	2.53
		17	15	23.81	2.35	22.98	2.42	22.32	2.49	**21.88**	**2.54**	21.53	2.57	20.70	2.64
		20	19	25.23	2.41	24.43	2.48	23.64	2.56	23.19	2.61	22.83	2.65	21.96	2.72
		25	23	27.62	2.51	26.80	2.59	25.86	2.68	25.38	2.74	24.98	2.78	24.04	2.85
		30	28	30.00	2.63	29.08	2.72	28.08	2.80	27.56	2.86	27.15	2.91	26.15	2.99
		35	32	32.39	2.75	31.36	2.85	30.29	2.92	29.75	2.99	29.31	3.04	28.25	3.12
		40	36	34.04	2.83	33.08	2.93	32.03	3.01	31.48	3.07	31.03	3.12	29.91	3.21
		45	41	36.10	2.93	35.24	3.03	34.20	3.12	33.64	3.18	33.18	3.22	31.98	3.32
		47	43	36.93	2.97	36.10	3.07	35.07	3.17	**34.50**	**3.22**	34.04	3.26	32.80	3.36
		50	46	37.04	2.95	36.29	3.04	35.39	3.13	34.88	3.17	34.47	3.21	33.31	3.30
		55	51	37.22	2.92	36.60	2.99	35.93	3.06	35.51	3.10	35.18	3.12	34.14	3.19
		60	56	37.40	2.89	36.91	2.94	36.46	3.00	36.15	3.02	35.90	3.04	34.98	3.09
		63	59	37.51	2.87	37.10	2.92	36.78	2.96	36.53	2.97	36.33	2.99	35.48	3.02
		68	64	37.62	2.85	37.29	2.89	37.10	2.92	36.91	2.93	36.76	2.94	35.99	2.96
	9 + 12 + 12	0	-0.4	17.71	2.23	16.66	2.32	16.67	2.35	16.29	2.37	15.98	2.39	15.31	2.47
		5	4.5	21.23	2.31	20.24	2.39	19.94	2.44	19.52	2.47	19.18	2.49	18.41	2.57
		10	9	23.59	2.38	22.64	2.46	22.14	2.52	21.69	2.56	21.32	2.59	20.49	2.67
		17	15	26.19	2.48	25.27	2.56	24.55	2.63	**24.07**	**2.68**	23.68	2.71	22.77	2.79
		20	19	27.76	2.54	26.87	2.62	26.01	2.71	25.51	2.76	25.11	2.80	24.15	2.88
		25	23	30.38	2.65	29.48	2.73	28.45	2.83	27.91	2.89	27.48	2.94	26.45	3.01
		30	28	33.00	2.78	31.98	2.87	30.88	2.96	30.32	3.02	29.86	3.07	28.77	3.15
		35	32	35.63	2.90	34.50	3.01	33.32	3.08	32.72	3.16	32.24	3.21	31.08	3.29
		40	36	37.45	2.99	36.39	3.09	35.23	3.18	34.62	3.24	34.13	3.30	32.90	3.38
		45	41	39.72	3.09	38.77	3.20	37.62	3.30	37.00	3.36	36.50	3.40	35.17	3.50
		47	43	40.62	3.14	39.72	3.24	38.58	3.34	**37.95**	**3.40**	37.45	3.45	36.08	3.55
		50	46	40.74	3.12	39.92	3.21	38.93	3.30	38.37	3.35	37.92	3.39	36.64	3.48
		55	51	40.94	3.08	40.26	3.16	39.52	3.23	39.07	3.27	38.70	3.30	37.56	3.37
		60	56	41.14	3.05	40.60	3.11	40.11	3.17	39.76	3.19	39.49	3.21	38.48	3.26
		63	59	41.26	3.03	40.81	3.08	40.46	3.12	40.18	3.14	39.96	3.15	39.03	3.19
		68	64	41.38	3.01	41.02	3.05	40.81	3.08	40.60	3.09	40.44	3.10	39.59	3.13

TC = Total Capacity (kBtu/h).

PI = Power Input (kW).

Nominal capacity as rated: 0 ft. above sea level with 25 ft. of refrigerant piping.
0 ft. level difference between outdoor and indoor units.

Nominal heating capacity rating obtained with air entering the indoor unit at 70°F dry bulb (DB) and 60°F wet bulb (WB), and outdoor ambient conditions of 47°F dry bulb (DB) and 43°F wet bulb (WB).

Due to our policy of continuous product innovation, some specifications may change without notification.
©LG Electronics U.S.A., Inc., Englewood Cliffs, NJ. All rights reserved. "LG" is a registered trademark of LG Corp.

PERFORMANCE DATA

Heating Capacity Tables

Table 89: LMU369HV Heating Capacity Table — Non-Ducted Indoor Units (continued).

Connected Indoor Units	Combination Capacity Index	Outdoor Air Temp.		Indoor Air Temp. °F DB											
		°F	°F	61		64		68		70		72		75	
		DB	WB	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
Three (3) Non-Ducted Indoor Units	12 + 12 + 12	0	-0.4	19.13	2.35	18.00	2.44	18.01	2.48	17.60	2.50	17.27	2.51	16.54	2.60
		5	4.5	22.94	2.43	21.87	2.52	21.55	2.57	21.09	2.60	20.72	2.62	19.89	2.71
		10	9	25.49	2.51	24.46	2.59	23.92	2.66	23.43	2.69	23.04	2.72	22.13	2.81
		17	15	28.29	2.61	27.31	2.69	26.52	2.77	**26.00**	**2.82**	25.58	2.86	24.60	2.94
		20	19	29.99	2.67	29.03	2.76	28.10	2.85	27.56	2.90	27.13	2.95	26.10	3.03
		25	23	32.82	2.79	31.85	2.87	30.74	2.98	30.16	3.04	29.69	3.09	28.57	3.17
		30	28	35.66	2.92	34.55	3.02	33.37	3.11	32.75	3.18	32.26	3.24	31.08	3.32
		35	32	38.49	3.06	37.27	3.16	36.00	3.25	35.35	3.32	34.83	3.38	33.58	3.46
		40	36	40.46	3.14	39.32	3.25	38.07	3.35	37.41	3.42	36.88	3.47	35.54	3.56
		45	41	42.91	3.26	41.88	3.37	40.65	3.47	39.97	3.53	39.43	3.58	38.00	3.69
		47	43	43.89	3.30	42.91	3.41	41.68	3.52	**41.00**	**3.58**	40.46	3.63	38.98	3.74
		50	46	44.02	3.28	43.13	3.38	42.06	3.48	41.45	3.53	40.96	3.57	39.58	3.67
		55	51	44.23	3.25	43.50	3.33	42.69	3.40	42.20	3.44	41.81	3.47	40.58	3.55
		60	56	44.45	3.21	43.87	3.27	43.33	3.33	42.96	3.36	42.66	3.38	41.57	3.43
		63	59	44.58	3.19	44.09	3.24	43.71	3.29	43.41	3.31	43.17	3.32	42.17	3.36
		68	64	44.70	3.17	44.31	3.21	44.09	3.25	43.87	3.26	43.69	3.26	42.77	3.29
	9 + 9 + 18	0	-0.4	19.13	2.35	18.00	2.44	18.01	2.48	17.60	2.50	17.27	2.51	16.54	2.60
		5	4.5	22.94	2.43	21.87	2.52	21.55	2.57	21.09	2.60	20.72	2.62	19.89	2.71
		10	9	25.49	2.51	24.46	2.59	23.92	2.66	23.43	2.69	23.04	2.72	22.13	2.81
		17	15	28.29	2.61	27.31	2.69	26.52	2.77	**26.00**	**2.82**	25.58	2.86	24.60	2.94
		20	19	29.99	2.67	29.03	2.76	28.10	2.85	27.56	2.90	27.13	2.95	26.10	3.03
		25	23	32.82	2.79	31.85	2.87	30.74	2.98	30.16	3.04	29.69	3.09	28.57	3.17
		30	28	35.66	2.92	34.55	3.02	33.37	3.11	32.75	3.18	32.26	3.24	31.08	3.32
		35	32	38.49	3.06	37.27	3.16	36.00	3.25	35.35	3.32	34.83	3.38	33.58	3.46
		40	36	40.46	3.14	39.32	3.25	38.07	3.35	37.41	3.42	36.88	3.47	35.54	3.56
		45	41	42.91	3.26	41.88	3.37	40.65	3.47	39.97	3.53	39.43	3.58	38.00	3.69
		47	43	43.89	3.30	42.91	3.41	41.68	3.52	**41.00**	**3.58**	40.46	3.63	38.98	3.74
		50	46	44.02	3.28	43.13	3.38	42.06	3.48	41.45	3.53	40.96	3.57	39.58	3.67
		55	51	44.23	3.25	43.50	3.33	42.69	3.40	42.20	3.44	41.81	3.47	40.58	3.55
		60	56	44.45	3.21	43.87	3.27	43.33	3.33	42.96	3.36	42.66	3.38	41.57	3.43
		63	59	44.58	3.19	44.09	3.24	43.71	3.29	43.41	3.31	43.17	3.32	42.17	3.36
		68	64	44.70	3.17	44.31	3.21	44.09	3.25	43.87	3.26	43.69	3.26	42.77	3.29
	9 + 12 + 18	0	-0.4	19.13	2.35	18.00	2.44	18.01	2.48	17.60	2.50	17.27	2.51	16.54	2.60
		5	4.5	22.94	2.43	21.87	2.52	21.55	2.57	21.09	2.60	20.72	2.62	19.89	2.71
		10	9	25.49	2.51	24.46	2.59	23.92	2.66	23.43	2.69	23.04	2.72	22.13	2.81
		17	15	28.29	2.61	27.31	2.69	26.52	2.77	**26.00**	**2.82**	25.58	2.86	24.60	2.94
		20	19	29.99	2.67	29.03	2.76	28.10	2.85	27.56	2.90	27.13	2.95	26.10	3.03
		25	23	32.82	2.79	31.85	2.87	30.74	2.98	30.16	3.04	29.69	3.09	28.57	3.17
		30	28	35.66	2.92	34.55	3.02	33.37	3.11	32.75	3.18	32.26	3.24	31.08	3.32
		35	32	38.49	3.06	37.27	3.16	36.00	3.25	35.35	3.32	34.83	3.38	33.58	3.46
		40	36	40.46	3.14	39.32	3.25	38.07	3.35	37.41	3.42	36.88	3.47	35.54	3.56
		45	41	42.91	3.26	41.88	3.37	40.65	3.47	39.97	3.53	39.43	3.58	38.00	3.69
		47	43	43.89	3.30	42.91	3.41	41.68	3.52	**41.00**	**3.58**	40.46	3.63	38.98	3.74
		50	46	44.02	3.28	43.13	3.38	42.06	3.48	41.45	3.53	40.96	3.57	39.58	3.67
		55	51	44.23	3.25	43.50	3.33	42.69	3.40	42.20	3.44	41.81	3.47	40.58	3.55
		60	56	44.45	3.21	43.87	3.27	43.33	3.33	42.96	3.36	42.66	3.38	41.57	3.43
		63	59	44.58	3.19	44.09	3.24	43.71	3.29	43.41	3.31	43.17	3.32	42.17	3.36
		68	64	44.70	3.17	44.31	3.21	44.09	3.25	43.87	3.26	43.69	3.26	42.77	3.29

TC = Total Capacity (kBtu/h).

PI = Power Input (kW).

Nominal capacity as rated: 0 ft. above sea level with 25 ft. of refrigerant piping.
0 ft. level difference between outdoor and indoor units.

Nominal heating capacity rating obtained with air entering the indoor unit at 70°F dry bulb (DB) and 60°F wet bulb (WB), and outdoor ambient conditions of 47°F dry bulb (DB) and 43°F wet bulb (WB).

Due to our policy of continuous product innovation, some specifications may change without notification.
©LG Electronics U.S.A., Inc., Englewood Cliffs, NJ. All rights reserved. "LG" is a registered trademark of LG Corp.

Table 90: LMU369HV Heating Capacity Table — Non-Ducted Indoor Units (continued).

Connected Indoor Units	Combination Capacity Index	Outdoor Air Temp.		Indoor Air Temp. °F DB											
		°F	°F	61		64		68		70		72		75	
		DB	WB	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
Three (3) Non-Ducted Indoor Units	12 + 12 + 18	0	-0.4	19.13	2.35	18.00	2.44	18.01	2.48	17.60	2.50	17.27	2.51	16.54	2.60
		5	4.5	22.94	2.43	21.87	2.52	21.55	2.57	21.09	2.60	20.72	2.62	19.89	2.71
		10	9	25.49	2.51	24.46	2.59	23.92	2.66	23.43	2.69	23.04	2.72	22.13	2.81
		17	15	28.29	2.61	27.31	2.69	26.52	2.77	**26.00**	**2.82**	25.58	2.86	24.60	2.94
		20	19	29.99	2.67	29.03	2.76	28.10	2.85	27.56	2.90	27.13	2.95	26.10	3.03
		25	23	32.82	2.79	31.85	2.87	30.74	2.98	30.16	3.04	29.69	3.09	28.57	3.17
		30	28	35.66	2.92	34.55	3.02	33.37	3.11	32.75	3.18	32.26	3.24	31.08	3.32
		35	32	38.49	3.06	37.27	3.16	36.00	3.25	35.35	3.32	34.83	3.38	33.58	3.46
		40	36	40.46	3.14	39.32	3.25	38.07	3.35	37.41	3.42	36.88	3.47	35.54	3.56
		45	41	42.91	3.26	41.88	3.37	40.65	3.47	39.97	3.53	39.43	3.58	38.00	3.69
		47	43	43.89	3.30	42.91	3.41	41.68	3.52	**41.00**	**3.58**	40.46	3.63	38.98	3.74
		50	46	44.02	3.28	43.13	3.38	42.06	3.48	41.45	3.53	40.96	3.57	39.58	3.67
		55	51	44.23	3.25	43.50	3.33	42.69	3.40	42.20	3.44	41.81	3.47	40.58	3.55
		60	56	44.45	3.21	43.87	3.27	43.33	3.33	42.96	3.36	42.66	3.38	41.57	3.43
		63	59	44.58	3.19	44.09	3.24	43.71	3.29	43.41	3.31	43.17	3.32	42.17	3.36
		68	64	44.70	3.17	44.31	3.21	44.09	3.25	43.87	3.26	43.69	3.26	42.77	3.29
	9 + 18 + 18	0	-0.4	19.13	2.35	18.00	2.44	18.01	2.48	17.60	2.50	17.27	2.51	16.54	2.60
		5	4.5	22.94	2.43	21.87	2.52	21.55	2.57	21.09	2.60	20.72	2.62	19.89	2.71
		10	9	25.49	2.51	24.46	2.59	23.92	2.66	23.43	2.69	23.04	2.72	22.13	2.81
		17	15	28.29	2.61	27.31	2.69	26.52	2.77	**26.00**	**2.82**	25.58	2.86	24.60	2.94
		20	19	29.99	2.67	29.03	2.76	28.10	2.85	27.56	2.90	27.13	2.95	26.10	3.03
		25	23	32.82	2.79	31.85	2.87	30.74	2.98	30.16	3.04	29.69	3.09	28.57	3.17
		30	28	35.66	2.92	34.55	3.02	33.37	3.11	32.75	3.18	32.26	3.24	31.08	3.32
		35	32	38.49	3.06	37.27	3.16	36.00	3.25	35.35	3.32	34.83	3.38	33.58	3.46
		40	36	40.46	3.14	39.32	3.25	38.07	3.35	37.41	3.42	36.88	3.47	35.54	3.56
		45	41	42.91	3.26	41.88	3.37	40.65	3.47	39.97	3.53	39.43	3.58	38.00	3.69
		47	43	43.89	3.30	42.91	3.41	41.68	3.52	**41.00**	**3.58**	40.46	3.63	38.98	3.74
		50	46	44.02	3.28	43.13	3.38	42.06	3.48	41.45	3.53	40.96	3.57	39.58	3.67
		55	51	44.23	3.25	43.50	3.33	42.69	3.40	42.20	3.44	41.81	3.47	40.58	3.55
		60	56	44.45	3.21	43.87	3.27	43.33	3.33	42.96	3.36	42.66	3.38	41.57	3.43
		63	59	44.58	3.19	44.09	3.24	43.71	3.29	43.41	3.31	43.17	3.32	42.17	3.36
		68	64	44.70	3.17	44.31	3.21	44.09	3.25	43.87	3.26	43.69	3.26	42.77	3.29
	12 + 18 + 18	0	-0.4	19.13	2.35	18.00	2.44	18.01	2.48	17.60	2.50	17.27	2.51	16.54	2.60
		5	4.5	22.94	2.43	21.87	2.52	21.55	2.57	21.09	2.60	20.72	2.62	19.89	2.71
		10	9	25.49	2.51	24.46	2.59	23.92	2.66	23.43	2.69	23.04	2.72	22.13	2.81
		17	15	28.29	2.61	27.31	2.69	26.52	2.77	**26.00**	**2.82**	25.58	2.86	24.60	2.94
		20	19	29.99	2.67	29.03	2.76	28.10	2.85	27.56	2.90	27.13	2.95	26.10	3.03
		25	23	32.82	2.79	31.85	2.87	30.74	2.98	30.16	3.04	29.69	3.09	28.57	3.17
		30	28	35.66	2.92	34.55	3.02	33.37	3.11	32.75	3.18	32.26	3.24	31.08	3.32
		35	32	38.49	3.06	37.27	3.16	36.00	3.25	35.35	3.32	34.83	3.38	33.58	3.46
		40	36	40.46	3.14	39.32	3.25	38.07	3.35	37.41	3.42	36.88	3.47	35.54	3.56
		45	41	42.91	3.26	41.88	3.37	40.65	3.47	39.97	3.53	39.43	3.58	38.00	3.69
		47	43	43.89	3.30	42.91	3.41	41.68	3.52	**41.00**	**3.58**	40.46	3.63	38.98	3.74
		50	46	44.02	3.28	43.13	3.38	42.06	3.48	41.45	3.53	40.96	3.57	39.58	3.67
		55	51	44.23	3.25	43.50	3.33	42.69	3.40	42.20	3.44	41.81	3.47	40.58	3.55
		60	56	44.45	3.21	43.87	3.27	43.33	3.33	42.96	3.36	42.66	3.38	41.57	3.43
		63	59	44.58	3.19	44.09	3.24	43.71	3.29	43.41	3.31	43.17	3.32	42.17	3.36
		68	64	44.70	3.17	44.31	3.21	44.09	3.25	43.87	3.26	43.69	3.26	42.77	3.29

TC = Total Capacity (kBtu/h).

PI = Power Input (kW).

Nominal capacity as rated: 0 ft. above sea level with 25 ft. of refrigerant piping.
0 ft. level difference between outdoor and indoor units.

Nominal heating capacity rating obtained with air entering the indoor unit at 70°F dry bulb (DB) and 60°F wet bulb (WB), and outdoor ambient conditions of 47°F dry bulb (DB) and 43°F wet bulb (WB).

Due to our policy of continuous product innovation, some specifications may change without notification.
©LG Electronics U.S.A., Inc., Englewood Cliffs, NJ. All rights reserved. "LG" is a registered trademark of LG Corp.

PERFORMANCE DATA

Heating Capacity Tables

Table 91: LMU369HV Heating Capacity Table — Non-Ducted Indoor Units (continued).

Connected Indoor Units	Combination Capacity Index	Outdoor Air Temp.		Indoor Air Temp. °F DB											
		°F	°F	61		64		68		70		72		75	
		DB	WB	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
Four (4) Non-Ducted Indoor Units	9 + 9 + 9 + 9	0	-0.4	19.13	2.35	18.00	2.44	18.01	2.48	17.60	2.50	17.27	2.51	16.54	2.60
		5	4.5	22.94	2.43	21.87	2.52	21.55	2.57	21.09	2.60	20.72	2.62	19.89	2.71
		10	9	25.49	2.51	24.46	2.59	23.92	2.66	23.43	2.69	23.04	2.72	22.13	2.81
		17	15	28.29	2.61	27.31	2.69	26.52	2.77	**26.00**	**2.82**	25.58	2.86	24.60	2.94
		20	19	29.99	2.67	29.03	2.76	28.10	2.85	27.56	2.90	27.13	2.95	26.10	3.03
		25	23	32.82	2.79	31.85	2.87	30.74	2.98	30.16	3.04	29.69	3.09	28.57	3.17
		30	28	35.66	2.92	34.55	3.02	33.37	3.11	32.75	3.18	32.26	3.24	31.08	3.32
		35	32	38.49	3.06	37.27	3.16	36.00	3.25	35.35	3.32	34.83	3.38	33.58	3.46
		40	36	40.46	3.14	39.32	3.25	38.07	3.35	37.41	3.42	36.88	3.47	35.54	3.56
		45	41	42.91	3.26	41.88	3.37	40.65	3.47	39.97	3.53	39.43	3.58	38.00	3.69
		47	43	43.89	3.30	42.91	3.41	41.68	3.52	**41.00**	**3.58**	40.46	3.63	38.98	3.74
		50	46	44.02	3.28	43.13	3.38	42.06	3.48	41.45	3.53	40.96	3.57	39.58	3.67
		55	51	44.23	3.25	43.50	3.33	42.69	3.40	42.20	3.44	41.81	3.47	40.58	3.55
		60	56	44.45	3.21	43.87	3.27	43.33	3.33	42.96	3.36	42.66	3.38	41.57	3.43
		63	59	44.58	3.19	44.09	3.24	43.71	3.29	43.41	3.31	43.17	3.32	42.17	3.36
		68	64	44.70	3.17	44.31	3.21	44.09	3.25	43.87	3.26	43.69	3.26	42.77	3.29
	9 + 9 + 9 + 12	0	-0.4	19.13	2.35	18.00	2.44	18.01	2.48	17.60	2.50	17.27	2.51	16.54	2.60
		5	4.5	22.94	2.43	21.87	2.52	21.55	2.57	21.09	2.60	20.72	2.62	19.89	2.71
		10	9	25.49	2.51	24.46	2.59	23.92	2.66	23.43	2.69	23.04	2.72	22.13	2.81
		17	15	28.29	2.61	27.31	2.69	26.52	2.77	**26.00**	**2.82**	25.58	2.86	24.60	2.94
		20	19	29.99	2.67	29.03	2.76	28.10	2.85	27.56	2.90	27.13	2.95	26.10	3.03
		25	23	32.82	2.79	31.85	2.87	30.74	2.98	30.16	3.04	29.69	3.09	28.57	3.17
		30	28	35.66	2.92	34.55	3.02	33.37	3.11	32.75	3.18	32.26	3.24	31.08	3.32
		35	32	38.49	3.06	37.27	3.16	36.00	3.25	35.35	3.32	34.83	3.38	33.58	3.46
		40	36	40.46	3.14	39.32	3.25	38.07	3.35	37.41	3.42	36.88	3.47	35.54	3.56
		45	41	42.91	3.26	41.88	3.37	40.65	3.47	39.97	3.53	39.43	3.58	38.00	3.69
		47	43	43.89	3.30	42.91	3.41	41.68	3.52	**41.00**	**3.58**	40.46	3.63	38.98	3.74
		50	46	44.02	3.28	43.13	3.38	42.06	3.48	41.45	3.53	40.96	3.57	39.58	3.67
		55	51	44.23	3.25	43.50	3.33	42.69	3.40	42.20	3.44	41.81	3.47	40.58	3.55
		60	56	44.45	3.21	43.87	3.27	43.33	3.33	42.96	3.36	42.66	3.38	41.57	3.43
		63	59	44.58	3.19	44.09	3.24	43.71	3.29	43.41	3.31	43.17	3.32	42.17	3.36
		68	64	44.70	3.17	44.31	3.21	44.09	3.25	43.87	3.26	43.69	3.26	42.77	3.29
	9 + 9 + 12 + 12	0	-0.4	19.13	2.35	18.00	2.44	18.01	2.48	17.60	2.50	17.27	2.51	16.54	2.60
		5	4.5	22.94	2.43	21.87	2.52	21.55	2.57	21.09	2.60	20.72	2.62	19.89	2.71
		10	9	25.49	2.51	24.46	2.59	23.92	2.66	23.43	2.69	23.04	2.72	22.13	2.81
		17	15	28.29	2.61	27.31	2.69	26.52	2.77	**26.00**	**2.82**	25.58	2.86	24.60	2.94
		20	19	29.99	2.67	29.03	2.76	28.10	2.85	27.56	2.90	27.13	2.95	26.10	3.03
		25	23	32.82	2.79	31.85	2.87	30.74	2.98	30.16	3.04	29.69	3.09	28.57	3.17
		30	28	35.66	2.92	34.55	3.02	33.37	3.11	32.75	3.18	32.26	3.24	31.08	3.32
		35	32	38.49	3.06	37.27	3.16	36.00	3.25	35.35	3.32	34.83	3.38	33.58	3.46
		40	36	40.46	3.14	39.32	3.25	38.07	3.35	37.41	3.42	36.88	3.47	35.54	3.56
		45	41	42.91	3.26	41.88	3.37	40.65	3.47	39.97	3.53	39.43	3.58	38.00	3.69
		47	43	43.89	3.30	42.91	3.41	41.68	3.52	**41.00**	**3.58**	40.46	3.63	38.98	3.74
		50	46	44.02	3.28	43.13	3.38	42.06	3.48	41.45	3.53	40.96	3.57	39.58	3.67
		55	51	44.23	3.25	43.50	3.33	42.69	3.40	42.20	3.44	41.81	3.47	40.58	3.55
		60	56	44.45	3.21	43.87	3.27	43.33	3.33	42.96	3.36	42.66	3.38	41.57	3.43
		63	59	44.58	3.19	44.09	3.24	43.71	3.29	43.41	3.31	43.17	3.32	42.17	3.36
		68	64	44.70	3.17	44.31	3.21	44.09	3.25	43.87	3.26	43.69	3.26	42.77	3.29

TC = Total Capacity (kBtu/h).

PI = Power Input (kW).

Nominal capacity as rated: 0 ft. above sea level with 25 ft. of refrigerant piping.
0 ft. level difference between outdoor and indoor units.

Nominal heating capacity rating obtained with air entering the indoor unit at 70°F dry bulb (DB) and 60°F wet bulb (WB), and outdoor ambient conditions of 47°F dry bulb (DB) and 43°F wet bulb (WB).

Due to our policy of continuous product innovation, some specifications may change without notification.
©LG Electronics U.S.A., Inc., Englewood Cliffs, NJ. All rights reserved. "LG" is a registered trademark of LG Corp.

Table 92: LMU369HV Heating Capacity Table — Non-Ducted Indoor Units (continued).

Connected Indoor Units	Combination Capacity Index	Outdoor Air Temp.		Indoor Air Temp. °F DB											
				61		64		68		70		72		75	
		°F DB	°F WB	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
Four (4) Non-Ducted Indoor Units	9 + 12 + 12 + 12	0	-0.4	19.13	2.35	18.00	2.44	18.01	2.48	17.60	2.50	17.27	2.51	16.54	2.60
		5	4.5	22.94	2.43	21.87	2.52	21.55	2.57	21.09	2.60	20.72	2.62	19.89	2.71
		10	9	25.49	2.51	24.46	2.59	23.92	2.66	23.43	2.69	23.04	2.72	22.13	2.81
		17	15	28.29	2.61	27.31	2.69	26.52	2.77	**26.00**	**2.82**	25.58	2.86	24.60	2.94
		20	19	29.99	2.67	29.03	2.76	28.10	2.85	27.56	2.90	27.13	2.95	26.10	3.03
		25	23	32.82	2.79	31.85	2.87	30.74	2.98	30.16	3.04	29.69	3.09	28.57	3.17
		30	28	35.66	2.92	34.55	3.02	33.37	3.11	32.75	3.18	32.26	3.24	31.08	3.32
		35	32	38.49	3.06	37.27	3.16	36.00	3.25	35.35	3.32	34.83	3.38	33.58	3.46
		40	36	40.46	3.14	39.32	3.25	38.07	3.35	37.41	3.42	36.88	3.47	35.54	3.56
		45	41	42.91	3.26	41.88	3.37	40.65	3.47	39.97	3.53	39.43	3.58	38.00	3.69
		47	43	43.89	3.30	42.91	3.41	41.68	3.52	**41.00**	**3.58**	40.46	3.63	38.98	3.74
		50	46	44.02	3.28	43.13	3.38	42.06	3.48	41.45	3.53	40.96	3.57	39.58	3.67
		55	51	44.23	3.25	43.50	3.33	42.69	3.40	42.20	3.44	41.81	3.47	40.58	3.55
		60	56	44.45	3.21	43.87	3.27	43.33	3.33	42.96	3.36	42.66	3.38	41.57	3.43
		63	59	44.58	3.19	44.09	3.24	43.71	3.29	43.41	3.31	43.17	3.32	42.17	3.36
		68	64	44.70	3.17	44.31	3.21	44.09	3.25	43.87	3.26	43.69	3.26	42.77	3.29
	9 + 9 + 9 + 18	0	-0.4	19.13	2.35	18.00	2.44	18.01	2.48	17.60	2.50	17.27	2.51	16.54	2.60
		5	4.5	22.94	2.43	21.87	2.52	21.55	2.57	21.09	2.60	20.72	2.62	19.89	2.71
		10	9	25.49	2.51	24.46	2.59	23.92	2.66	23.43	2.69	23.04	2.72	22.13	2.81
		17	15	28.29	2.61	27.31	2.69	26.52	2.77	**26.00**	**2.82**	25.58	2.86	24.60	2.94
		20	19	29.99	2.67	29.03	2.76	28.10	2.85	27.56	2.90	27.13	2.95	26.10	3.03
		25	23	32.82	2.79	31.85	2.87	30.74	2.98	30.16	3.04	29.69	3.09	28.57	3.17
		30	28	35.66	2.92	34.55	3.02	33.37	3.11	32.75	3.18	32.26	3.24	31.08	3.32
		35	32	38.49	3.06	37.27	3.16	36.00	3.25	35.35	3.32	34.83	3.38	33.58	3.46
		40	36	40.46	3.14	39.32	3.25	38.07	3.35	37.41	3.42	36.88	3.47	35.54	3.56
		45	41	42.91	3.26	41.88	3.37	40.65	3.47	39.97	3.53	39.43	3.58	38.00	3.69
		47	43	43.89	3.30	42.91	3.41	41.68	3.52	**41.00**	**3.58**	40.46	3.63	38.98	3.74
		50	46	44.02	3.28	43.13	3.38	42.06	3.48	41.45	3.53	40.96	3.57	39.58	3.67
		55	51	44.23	3.25	43.50	3.33	42.69	3.40	42.20	3.44	41.81	3.47	40.58	3.55
		60	56	44.45	3.21	43.87	3.27	43.33	3.33	42.96	3.36	42.66	3.38	41.57	3.43
		63	59	44.58	3.19	44.09	3.24	43.71	3.29	43.41	3.31	43.17	3.32	42.17	3.36
		68	64	44.70	3.17	44.31	3.21	44.09	3.25	43.87	3.26	43.69	3.26	42.77	3.29
	9 + 9 + 12 + 18	0	-0.4	19.13	2.35	18.00	2.44	18.01	2.48	17.60	2.50	17.27	2.51	16.54	2.60
		5	4.5	22.94	2.43	21.87	2.52	21.55	2.57	21.09	2.60	20.72	2.62	19.89	2.71
		10	9	25.49	2.51	24.46	2.59	23.92	2.66	23.43	2.69	23.04	2.72	22.13	2.81
		17	15	28.29	2.61	27.31	2.69	26.52	2.77	**26.00**	**2.82**	25.58	2.86	24.60	2.94
		20	19	29.99	2.67	29.03	2.76	28.10	2.85	27.56	2.90	27.13	2.95	26.10	3.03
		25	23	32.82	2.79	31.85	2.87	30.74	2.98	30.16	3.04	29.69	3.09	28.57	3.17
		30	28	35.66	2.92	34.55	3.02	33.37	3.11	32.75	3.18	32.26	3.24	31.08	3.32
		35	32	38.49	3.06	37.27	3.16	36.00	3.25	35.35	3.32	34.83	3.38	33.58	3.46
		40	36	40.46	3.14	39.32	3.25	38.07	3.35	37.41	3.42	36.88	3.47	35.54	3.56
		45	41	42.91	3.26	41.88	3.37	40.65	3.47	39.97	3.53	39.43	3.58	38.00	3.69
		47	43	43.89	3.30	42.91	3.41	41.68	3.52	**41.00**	**3.58**	40.46	3.63	38.98	3.74
		50	46	44.02	3.28	43.13	3.38	42.06	3.48	41.45	3.53	40.96	3.57	39.58	3.67
		55	51	44.23	3.25	43.50	3.33	42.69	3.40	42.20	3.44	41.81	3.47	40.58	3.55
		60	56	44.45	3.21	43.87	3.27	43.33	3.33	42.96	3.36	42.66	3.38	41.57	3.43
		63	59	44.58	3.19	44.09	3.24	43.71	3.29	43.41	3.31	43.17	3.32	42.17	3.36
		68	64	44.70	3.17	44.31	3.21	44.09	3.25	43.87	3.26	43.69	3.26	42.77	3.29

TC = Total Capacity (kBtu/h).

PI = Power Input (kW).

Nominal capacity as rated: 0 ft. above sea level with 25 ft. of refrigerant piping.
0 ft. level difference between outdoor and indoor units.

Nominal heating capacity rating obtained with air entering the indoor unit at 70ºF dry bulb (DB) and 60ºF wet bulb (WB), and outdoor ambient conditions of 47ºF dry bulb (DB) and 43ºF wet bulb (WB).

Due to our policy of continuous product innovation, some specifications may change without notification.
©LG Electronics U.S.A., Inc., Englewood Cliffs, NJ. All rights reserved. "LG" is a registered trademark of LG Corp.

PERFORMANCE DATA

Heating Capacity Tables

Table 93: LMU369HV Heating Capacity Table — Non-Ducted Indoor Unit (continued) / Ducted Indoor Units.

Connected Indoor Units	Combination Capacity Index	Outdoor Air Temp.		Indoor Air Temp. °F DB											
		°F	°F	61		64		68		70		72		75	
		DB	WB	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
Four (4) Non-Ducted Indoor Units	12 + 12 + 12 + 12	0	-0.4	19.13	2.35	18.00	2.44	18.01	2.48	17.60	2.50	17.27	2.51	16.54	2.60
		5	4.5	22.94	2.43	21.87	2.52	21.55	2.57	21.09	2.60	20.72	2.62	19.89	2.71
		10	9	25.49	2.51	24.46	2.59	23.92	2.66	23.43	2.69	23.04	2.72	22.13	2.81
		17	15	28.29	2.61	27.31	2.69	26.52	2.77	**26.00**	**2.82**	25.58	2.86	24.60	2.94
		20	19	29.99	2.67	29.03	2.76	28.10	2.85	27.56	2.90	27.13	2.95	26.10	3.03
		25	23	32.82	2.79	31.85	2.87	30.74	2.98	30.16	3.04	29.69	3.09	28.57	3.17
		30	28	35.66	2.92	34.55	3.02	33.37	3.11	32.75	3.18	32.26	3.24	31.08	3.32
		35	32	38.49	3.06	37.27	3.16	36.00	3.25	35.35	3.32	34.83	3.38	33.58	3.46
		40	36	40.46	3.14	39.32	3.25	38.07	3.35	37.41	3.42	36.88	3.47	35.54	3.56
		45	41	42.91	3.26	41.88	3.37	40.65	3.47	39.97	3.53	39.43	3.58	38.00	3.69
		47	43	43.89	3.30	42.91	3.41	41.68	3.52	**41.00**	**3.58**	40.46	3.63	38.98	3.74
		50	46	44.02	3.28	43.13	3.38	42.06	3.48	41.45	3.53	40.96	3.57	39.58	3.67
		55	51	44.23	3.25	43.50	3.33	42.69	3.40	42.20	3.44	41.81	3.47	40.58	3.55
		60	56	44.45	3.21	43.87	3.27	43.33	3.33	42.96	3.36	42.66	3.38	41.57	3.43
		63	59	44.58	3.19	44.09	3.24	43.71	3.29	43.41	3.31	43.17	3.32	42.17	3.36
		68	64	44.70	3.17	44.31	3.21	44.09	3.25	43.87	3.26	43.69	3.26	42.77	3.29
Two (2) Ducted Indoor Units	9 + 9	0	-0.4	11.12	1.52	10.48	1.58	10.46	1.61	10.23	1.62	10.04	1.63	9.62	1.69
		5	4.5	12.75	1.56	12.17	1.62	11.98	1.65	11.73	1.67	11.52	1.68	11.06	1.74
		10	9	13.85	1.59	13.29	1.65	12.99	1.69	12.73	1.71	12.52	1.73	12.03	1.79
		17	15	15.05	1.64	14.53	1.69	14.11	1.74	**13.83**	**1.77**	13.61	1.80	13.09	1.85
		20	19	15.78	1.67	15.28	1.72	14.79	1.78	14.50	1.81	14.28	1.84	13.73	1.89
		25	23	17.00	1.73	16.49	1.78	15.92	1.84	15.62	1.88	15.38	1.91	14.80	1.96
		30	28	18.22	1.79	17.65	1.85	17.05	1.91	16.73	1.95	16.48	1.98	15.88	2.03
		35	32	19.43	1.85	18.82	1.92	18.17	1.97	17.85	2.01	17.59	2.05	16.95	2.10
		40	36	20.42	1.91	19.85	1.97	19.22	2.03	18.89	2.07	18.62	2.10	17.94	2.16
		45	41	21.66	1.97	21.15	2.04	20.52	2.10	20.18	2.14	19.91	2.17	19.19	2.24
		47	43	22.16	2.00	21.66	2.07	21.04	2.13	**20.70**	**2.17**	20.42	2.20	19.68	2.27
		50	46	22.22	1.99	21.77	2.05	21.24	2.11	20.93	2.14	20.68	2.16	19.98	2.22
		55	51	22.33	1.97	21.96	2.02	21.56	2.06	21.31	2.09	21.11	2.11	20.49	2.15
		60	56	22.44	1.95	22.15	1.98	21.88	2.02	21.69	2.04	21.54	2.05	20.99	2.08
		63	59	22.51	1.93	22.26	1.96	22.07	1.99	21.92	2.00	21.80	2.01	21.29	2.04
		68	64	22.57	1.92	22.37	1.95	22.26	1.97	22.15	1.97	22.06	1.98	21.59	1.99
	9 + 12	0	-0.4	12.97	1.80	12.23	1.86	12.21	1.89	11.93	1.91	11.71	1.92	11.22	1.99
		5	4.5	14.88	1.84	14.19	1.91	13.98	1.95	13.68	1.97	13.44	1.99	12.90	2.05
		10	9	16.16	1.88	15.51	1.94	15.16	1.99	14.85	2.02	14.60	2.04	14.03	2.11
		17	15	17.56	1.93	16.95	2.00	16.46	2.06	**16.14**	**2.09**	15.88	2.12	15.27	2.18
		20	19	18.41	1.97	17.83	2.03	17.25	2.10	16.92	2.14	16.65	2.17	16.02	2.23
		25	23	19.83	2.04	19.24	2.10	18.57	2.17	18.22	2.22	17.94	2.25	17.26	2.31
		30	28	21.25	2.11	20.59	2.18	19.89	2.25	19.52	2.30	19.23	2.34	18.52	2.40
		35	32	22.67	2.18	21.95	2.26	21.20	2.32	20.82	2.38	20.52	2.42	19.78	2.48
		40	36	23.83	2.25	23.16	2.33	22.42	2.39	22.03	2.44	21.72	2.48	20.94	2.55
		45	41	25.27	2.33	24.67	2.41	23.94	2.48	23.55	2.53	23.23	2.56	22.38	2.64
		47	43	25.85	2.36	25.27	2.44	24.55	2.52	**24.15**	**2.56**	23.83	2.59	22.96	2.67
		50	46	25.93	2.35	25.40	2.42	24.78	2.49	24.42	2.52	24.13	2.55	23.31	2.62
		55	51	26.05	2.32	25.62	2.38	25.15	2.43	24.86	2.46	24.63	2.48	23.90	2.54
		60	56	26.18	2.30	25.84	2.34	25.52	2.38	25.30	2.40	25.13	2.42	24.49	2.45
		63	59	26.26	2.28	25.97	2.32	25.75	2.35	25.57	2.36	25.43	2.37	24.84	2.40
		68	64	26.33	2.27	26.10	2.30	25.97	2.32	25.84	2.33	25.73	2.33	25.19	2.35

TC = Total Capacity (kBtu/h).

PI = Power Input (kW).

Nominal capacity as rated: 0 ft. above sea level with 25 ft. of refrigerant piping.
0 ft. level difference between outdoor and indoor units.

Nominal heating capacity rating obtained with air entering the indoor unit at 70°F dry bulb (DB) and 60°F wet bulb (WB), and outdoor ambient conditions of 47°F dry bulb (DB) and 43°F wet bulb (WB).

Due to our policy of continuous product innovation, some specifications may change without notification.
©LG Electronics U.S.A., Inc., Englewood Cliffs, NJ. All rights reserved. "LG" is a registered trademark of LG Corp.

PERFORMANCE DATA

Heating Capacity Tables

Table 94: LMU369HV Heating Capacity Table — Ducted Indoor Units.

Connected Indoor Units	Combination Capacity Index	Outdoor Air Temp.		Indoor Air Temp. °F DB											
		°F	°F	61		64		68		70		72		75	
		DB	WB	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
Two (2) Ducted Indoor Units	12 + 12	0	-0.4	14.83	1.89	13.98	1.96	13.95	1.99	13.64	2.01	13.38	2.02	12.82	2.09
		5	4.5	17.01	1.93	16.22	2.00	15.97	2.04	15.63	2.07	15.36	2.09	14.75	2.16
		10	9	18.46	1.98	17.72	2.04	17.33	2.10	16.97	2.12	16.69	2.15	16.03	2.21
		17	15	20.07	2.03	19.37	2.10	18.81	2.16	**18.44**	**2.20**	18.15	2.23	17.45	2.29
		20	19	21.04	2.07	20.37	2.13	19.72	2.21	19.34	2.25	19.03	2.28	18.31	2.34
		25	23	22.66	2.14	21.99	2.20	21.23	2.28	20.82	2.33	20.50	2.37	19.73	2.43
		30	28	24.29	2.22	23.54	2.29	22.73	2.36	22.31	2.41	21.98	2.46	21.17	2.52
		35	32	25.91	2.30	25.09	2.38	24.23	2.44	23.80	2.50	23.45	2.54	22.60	2.60
		40	36	27.23	2.36	26.47	2.45	25.62	2.51	25.18	2.57	24.83	2.61	23.93	2.68
		45	41	28.88	2.45	28.19	2.53	27.36	2.61	26.91	2.65	26.55	2.69	25.58	2.77
		47	43	29.54	2.48	28.88	2.56	28.06	2.64	**27.60**	**2.69**	27.23	2.73	26.24	2.81
		50	46	29.63	2.46	29.03	2.54	28.31	2.61	27.90	2.65	27.58	2.68	26.64	2.76
		55	51	29.78	2.44	29.28	2.50	28.74	2.56	28.41	2.59	28.15	2.61	27.31	2.67
		60	56	29.92	2.41	29.53	2.46	29.17	2.50	28.92	2.52	28.72	2.54	27.98	2.58
		63	59	30.01	2.40	29.68	2.44	29.42	2.47	29.22	2.48	29.06	2.49	28.39	2.52
		68	64	30.09	2.38	29.83	2.41	29.68	2.44	29.53	2.45	29.41	2.45	28.79	2.47
	9 + 18	0	-0.4	16.68	2.12	15.73	2.20	15.69	2.23	15.34	2.25	15.06	2.27	14.42	2.35
		5	4.5	19.13	2.17	18.25	2.25	17.97	2.30	17.59	2.32	17.29	2.34	16.59	2.42
		10	9	20.77	2.22	19.94	2.29	19.49	2.35	19.09	2.38	18.78	2.41	18.04	2.49
		17	15	22.58	2.28	21.79	2.35	21.17	2.43	**20.75**	**2.47**	20.42	2.50	19.63	2.57
		20	19	23.67	2.32	22.92	2.40	22.18	2.48	21.75	2.52	21.41	2.56	20.60	2.63
		25	23	25.49	2.40	24.74	2.47	23.88	2.56	23.43	2.62	23.07	2.66	22.20	2.73
		30	28	27.32	2.49	26.48	2.57	25.57	2.65	25.10	2.71	24.72	2.76	23.82	2.83
		35	32	29.15	2.58	28.22	2.67	27.26	2.74	26.77	2.80	26.38	2.85	25.43	2.92
		40	36	30.64	2.65	29.78	2.74	28.83	2.82	28.33	2.88	27.93	2.93	26.92	3.01
		45	41	32.49	2.75	31.72	2.84	30.78	2.93	30.27	2.98	29.86	3.02	28.78	3.11
		47	43	33.24	2.78	32.49	2.88	31.57	2.97	**31.05**	**3.02**	30.64	3.06	29.52	3.15
		50	46	33.33	2.77	32.66	2.85	31.85	2.93	31.39	2.98	31.02	3.01	29.98	3.09
		55	51	33.50	2.74	32.94	2.81	32.33	2.87	31.96	2.90	31.67	2.93	30.73	2.99
		60	56	33.66	2.71	33.22	2.76	32.81	2.81	32.53	2.83	32.31	2.85	31.48	2.89
		63	59	33.76	2.69	33.39	2.73	33.10	2.78	32.87	2.79	32.69	2.80	31.93	2.83
		68	64	33.86	2.67	33.56	2.71	33.39	2.74	33.22	2.75	33.08	2.75	32.39	2.78
	12 + 18	0	-0.4	18.53	2.35	17.47	2.44	17.44	2.48	17.05	2.50	16.73	2.52	16.03	2.61
		5	4.5	21.26	2.41	20.28	2.49	19.96	2.55	19.54	2.58	19.21	2.60	18.43	2.69
		10	9	23.08	2.46	22.15	2.54	21.66	2.61	21.22	2.64	20.86	2.67	20.04	2.76
		17	15	25.09	2.53	24.21	2.61	23.52	2.69	**23.06**	**2.74**	22.69	2.77	21.81	2.85
		20	19	26.30	2.58	25.46	2.66	24.64	2.75	24.17	2.80	23.79	2.84	22.89	2.92
		25	23	28.33	2.66	27.49	2.74	26.53	2.85	26.03	2.90	25.63	2.95	24.66	3.03
		30	28	30.36	2.76	29.42	2.85	28.41	2.94	27.89	3.01	27.47	3.06	26.46	3.13
		35	32	32.39	2.86	31.36	2.96	30.29	3.04	29.75	3.11	29.31	3.17	28.25	3.24
		40	36	34.04	2.94	33.08	3.04	32.03	3.13	31.48	3.20	31.03	3.25	29.91	3.34
		45	41	36.10	3.05	35.24	3.15	34.20	3.25	33.64	3.31	33.18	3.35	31.98	3.45
		47	43	36.93	3.09	36.10	3.19	35.07	3.29	**34.50**	**3.35**	34.04	3.40	32.80	3.50
		50	46	37.04	3.07	36.29	3.16	35.39	3.25	34.88	3.30	34.47	3.34	33.31	3.43
		55	51	37.22	3.04	36.60	3.11	35.93	3.19	35.51	3.22	35.18	3.25	34.14	3.32
		60	56	37.40	3.00	36.91	3.06	36.46	3.12	36.15	3.14	35.90	3.16	34.98	3.21
		63	59	37.51	2.99	37.10	3.03	36.78	3.08	36.53	3.09	36.33	3.11	35.48	3.14
		68	64	37.62	2.97	37.29	3.00	37.10	3.04	36.91	3.05	36.76	3.05	35.99	3.08

TC = Total Capacity (kBtu/h).

PI = Power Input (kW).

Nominal capacity as rated: 0 ft. above sea level with 25 ft. of refrigerant piping.
0 ft. level difference between outdoor and indoor units.

Nominal heating capacity rating obtained with air entering the indoor unit at 70°F dry bulb (DB) and 60°F wet bulb (WB), and outdoor ambient conditions of 47°F dry bulb (DB) and 43°F wet bulb (WB).

Due to our policy of continuous product innovation, some specifications may change without notification.
©LG Electronics U.S.A., Inc., Englewood Cliffs, NJ. All rights reserved. "LG" is a registered trademark of LG Corp.

PERFORMANCE DATA

Heating Capacity Tables

Table 95: LMU369HV Heating Capacity Table — Ducted Indoor Units (continued).

Connected Indoor Units	Combination Capacity Index	Outdoor Air Temp.		Indoor Air Temp. °F DB											
		°F	°F	61		64		68		70		72		75	
		DB	WB	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
Two (2) Ducted Indoor Units	18 + 18	0	-0.4	19.34	2.45	18.23	2.54	18.20	2.58	17.79	2.60	17.46	2.62	16.72	2.72
		5	4.5	22.18	2.51	21.16	2.60	20.83	2.65	20.39	2.68	20.04	2.71	19.23	2.80
		10	9	24.08	2.56	23.11	2.65	22.60	2.72	22.14	2.76	21.77	2.79	20.91	2.87
		17	15	26.18	2.64	25.27	2.72	24.54	2.81	**24.06**	**2.85**	23.67	2.89	22.76	2.97
		20	19	27.45	2.69	26.57	2.77	25.72	2.86	25.22	2.92	24.83	2.96	23.88	3.04
		25	23	29.56	2.78	28.68	2.86	27.69	2.96	27.16	3.02	26.74	3.07	25.74	3.15
		30	28	31.68	2.88	30.70	2.97	29.65	3.06	29.10	3.13	28.67	3.19	27.61	3.27
		35	32	33.80	2.98	32.72	3.09	31.61	3.16	31.04	3.24	30.59	3.30	29.48	3.38
		40	36	35.52	3.07	34.52	3.17	33.42	3.26	32.84	3.33	32.38	3.38	31.21	3.47
		45	41	37.67	3.17	36.77	3.28	35.69	3.38	35.10	3.44	34.62	3.49	33.37	3.60
		47	43	38.54	3.22	37.67	3.32	36.60	3.43	**36.00**	**3.49**	35.52	3.54	34.23	3.64
		50	46	38.65	3.20	37.87	3.29	36.93	3.39	36.40	3.44	35.97	3.48	34.75	3.57
		55	51	38.84	3.16	38.19	3.24	37.49	3.32	37.06	3.36	36.71	3.39	35.63	3.46
		60	56	39.03	3.13	38.52	3.19	38.04	3.25	37.72	3.27	37.46	3.29	36.50	3.34
		63	59	39.14	3.11	38.71	3.16	38.38	3.21	38.12	3.22	37.91	3.24	37.02	3.28
		68	64	39.25	3.09	38.91	3.13	38.71	3.17	38.52	3.17	38.36	3.18	37.56	3.21
	24 + 9	0	-0.4	20.41	2.58	19.25	2.68	19.21	2.72	18.77	2.75	18.43	2.76	17.65	2.86
		5	4.5	23.41	2.64	22.33	2.74	21.99	2.80	21.53	2.83	21.15	2.85	20.30	2.95
		10	9	25.42	2.70	24.40	2.80	23.85	2.87	23.37	2.91	22.98	2.94	22.08	3.03
		17	15	27.63	2.78	26.67	2.87	25.90	2.96	**25.40**	**3.01**	24.99	3.05	24.03	3.14
		20	19	28.97	2.83	28.05	2.92	27.15	3.02	26.62	3.08	26.21	3.12	25.21	3.21
		25	23	31.20	2.93	30.28	3.01	29.22	3.13	28.67	3.19	28.23	3.24	27.17	3.32
		30	28	33.44	3.03	32.41	3.13	31.29	3.23	30.72	3.30	30.26	3.36	29.15	3.44
		35	32	35.68	3.14	34.54	3.25	33.36	3.34	32.77	3.42	32.29	3.48	31.12	3.56
		40	36	37.50	3.23	36.44	3.34	35.28	3.44	34.67	3.51	34.18	3.57	32.94	3.66
		45	41	39.77	3.35	38.82	3.46	37.67	3.57	37.05	3.63	36.55	3.68	35.22	3.79
		47	43	40.68	3.39	39.77	3.51	38.63	3.62	**38.00**	**3.68**	37.50	3.73	36.13	3.84
		50	46	40.80	3.37	39.97	3.47	38.98	3.57	38.42	3.63	37.97	3.67	36.68	3.77
		55	51	41.00	3.34	40.32	3.42	39.57	3.50	39.12	3.54	38.75	3.57	37.61	3.65
		60	56	41.19	3.30	40.66	3.36	40.16	3.43	39.81	3.45	39.54	3.47	38.53	3.53
		63	59	41.31	3.28	40.86	3.33	40.51	3.38	40.23	3.40	40.01	3.41	39.08	3.45
		68	64	41.43	3.26	41.07	3.30	40.87	3.34	40.66	3.35	40.49	3.35	39.64	3.38
	24 + 12	0	-0.4	20.41	2.58	19.25	2.68	19.21	2.72	18.77	2.75	18.43	2.76	17.65	2.86
		5	4.5	23.41	2.64	22.33	2.74	21.99	2.80	21.53	2.83	21.15	2.85	20.30	2.95
		10	9	25.42	2.70	24.40	2.80	23.85	2.87	23.37	2.91	22.98	2.94	22.08	3.03
		17	15	27.63	2.78	26.67	2.87	25.90	2.96	**25.40**	**3.01**	24.99	3.05	24.03	3.14
		20	19	28.97	2.83	28.05	2.92	27.15	3.02	26.62	3.08	26.21	3.12	25.21	3.21
		25	23	31.20	2.93	30.28	3.01	29.22	3.13	28.67	3.19	28.23	3.24	27.17	3.32
		30	28	33.44	3.03	32.41	3.13	31.29	3.23	30.72	3.30	30.26	3.36	29.15	3.44
		35	32	35.68	3.14	34.54	3.25	33.36	3.34	32.77	3.42	32.29	3.48	31.12	3.56
		40	36	37.50	3.23	36.44	3.34	35.28	3.44	34.67	3.51	34.18	3.57	32.94	3.66
		45	41	39.77	3.35	38.82	3.46	37.67	3.57	37.05	3.63	36.55	3.68	35.22	3.79
		47	43	40.68	3.39	39.77	3.51	38.63	3.62	**38.00**	**3.68**	37.50	3.73	36.13	3.84
		50	46	40.80	3.37	39.97	3.47	38.98	3.57	38.42	3.63	37.97	3.67	36.68	3.77
		55	51	41.00	3.34	40.32	3.42	39.57	3.50	39.12	3.54	38.75	3.57	37.61	3.65
		60	56	41.19	3.30	40.66	3.36	40.16	3.43	39.81	3.45	39.54	3.47	38.53	3.53
		63	59	41.31	3.28	40.86	3.33	40.51	3.38	40.23	3.40	40.01	3.41	39.08	3.45
		68	64	41.43	3.26	41.07	3.30	40.87	3.34	40.66	3.35	40.49	3.35	39.64	3.38

TC = Total Capacity (kBtu/h).

PI = Power Input (kW).

Nominal capacity as rated: 0 ft. above sea level with 25 ft. of refrigerant piping.
0 ft. level difference between outdoor and indoor units.

Nominal heating capacity rating obtained with air entering the indoor unit at 70°F dry bulb (DB) and 60°F wet bulb (WB), and outdoor ambient conditions of 47°F dry bulb (DB) and 43°F wet bulb (WB).

Due to our policy of continuous product innovation, some specifications may change without notification.
©LG Electronics U.S.A., Inc., Englewood Cliffs, NJ. All rights reserved. "LG" is a registered trademark of LG Corp.

Table 96: LMU369HV Heating Capacity Table — Ducted Indoor Units (continued).

Connected Indoor Units	Combination Capacity Index	Outdoor Air Temp.		Indoor Air Temp. °F DB											
		°F	°F	61		64		68		70		72		75	
		DB	WB	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
Three (3) Ducted Indoor Units	9 + 9 + 9	0	-0.4	16.68	2.12	15.73	2.20	15.69	2.23	15.34	2.25	15.06	2.27	14.42	2.35
		5	4.5	19.13	2.17	18.25	2.25	17.97	2.30	17.59	2.32	17.29	2.34	16.59	2.42
		10	9	20.77	2.22	19.94	2.29	19.49	2.35	19.09	2.38	18.78	2.41	18.04	2.49
		17	15	22.58	2.28	21.79	2.35	21.17	2.43	**20.75**	**2.47**	20.42	2.50	19.63	2.57
		20	19	23.67	2.32	22.92	2.40	22.18	2.48	21.75	2.52	21.41	2.56	20.60	2.63
		25	23	25.49	2.40	24.74	2.47	23.88	2.56	23.43	2.62	23.07	2.66	22.20	2.73
		30	28	27.32	2.49	26.48	2.57	25.57	2.65	25.10	2.71	24.72	2.76	23.82	2.83
		35	32	29.15	2.58	28.22	2.67	27.26	2.74	26.77	2.80	26.38	2.85	25.43	2.92
		40	36	30.64	2.65	29.78	2.74	28.83	2.82	28.33	2.88	27.93	2.93	26.92	3.01
		45	41	32.49	2.75	31.72	2.84	30.78	2.93	30.27	2.98	29.86	3.02	28.78	3.11
		47	43	33.24	2.78	32.49	2.88	31.57	2.97	**31.05**	**3.02**	30.64	3.06	29.52	3.15
		50	46	33.33	2.77	32.66	2.85	31.85	2.93	31.39	2.98	31.02	3.01	29.98	3.09
		55	51	33.50	2.74	32.94	2.81	32.33	2.87	31.96	2.90	31.67	2.93	30.73	2.99
		60	56	33.66	2.71	33.22	2.76	32.81	2.81	32.53	2.83	32.31	2.85	31.48	2.89
		63	59	33.76	2.69	33.39	2.73	33.10	2.78	32.87	2.79	32.69	2.80	31.93	2.83
		68	64	33.86	2.67	33.56	2.71	33.39	2.74	33.22	2.75	33.08	2.75	32.39	2.78
	9 + 9 + 12	0	-0.4	18.53	2.35	17.47	2.44	17.44	2.48	17.05	2.50	16.73	2.52	16.03	2.61
		5	4.5	21.26	2.41	20.28	2.49	19.96	2.55	19.54	2.58	19.21	2.60	18.43	2.69
		10	9	23.08	2.46	22.15	2.54	21.66	2.61	21.22	2.64	20.86	2.67	20.04	2.76
		17	15	25.09	2.53	24.21	2.61	23.52	2.69	**23.06**	**2.74**	22.69	2.77	21.81	2.85
		20	19	26.30	2.58	25.46	2.66	24.64	2.75	24.17	2.80	23.79	2.84	22.89	2.92
		25	23	28.33	2.66	27.49	2.74	26.53	2.85	26.03	2.90	25.63	2.95	24.66	3.03
		30	28	30.36	2.76	29.42	2.85	28.41	2.94	27.89	3.01	27.47	3.06	26.46	3.13
		35	32	32.39	2.86	31.36	2.96	30.29	3.04	29.75	3.11	29.31	3.17	28.25	3.24
		40	36	34.04	2.94	33.08	3.04	32.03	3.13	31.48	3.20	31.03	3.25	29.91	3.34
		45	41	36.10	3.05	35.24	3.15	34.20	3.25	33.64	3.31	33.18	3.35	31.98	3.45
		47	43	36.93	3.09	36.10	3.19	35.07	3.29	**34.50**	**3.35**	34.04	3.40	32.80	3.50
		50	46	37.04	3.07	36.29	3.16	35.39	3.25	34.88	3.30	34.47	3.34	33.31	3.43
		55	51	37.22	3.04	36.60	3.11	35.93	3.19	35.51	3.22	35.18	3.25	34.14	3.32
		60	56	37.40	3.00	36.91	3.06	36.46	3.12	36.15	3.14	35.90	3.16	34.98	3.21
		63	59	37.51	2.99	37.10	3.03	36.78	3.08	36.53	3.09	36.33	3.11	35.48	3.14
		68	64	37.62	2.97	37.29	3.00	37.10	3.04	36.91	3.05	36.76	3.05	35.99	3.08
	9 + 12 + 12	0	-0.4	20.39	2.49	19.22	2.59	19.18	2.63	18.75	2.65	18.40	2.67	17.63	2.76
		5	4.5	23.38	2.55	22.30	2.64	21.96	2.70	21.50	2.73	21.13	2.75	20.28	2.85
		10	9	25.39	2.61	24.37	2.70	23.82	2.76	23.34	2.80	22.95	2.83	22.05	2.92
		17	15	27.60	2.68	26.64	2.77	25.87	2.85	**25.36**	**2.90**	24.96	2.94	24.00	3.02
		20	19	28.93	2.73	28.01	2.82	27.11	2.91	26.59	2.97	26.17	3.01	25.18	3.09
		25	23	31.16	2.82	30.24	2.91	29.19	3.02	28.63	3.08	28.19	3.12	27.13	3.21
		30	28	33.40	2.93	32.36	3.02	31.25	3.12	30.68	3.19	30.22	3.24	29.11	3.32
		35	32	35.63	3.03	34.50	3.14	33.32	3.22	32.72	3.29	32.24	3.35	31.08	3.44
		40	36	37.45	3.12	36.39	3.23	35.23	3.32	34.62	3.39	34.13	3.44	32.90	3.53
		45	41	39.72	3.23	38.77	3.34	37.62	3.44	37.00	3.50	36.50	3.55	35.17	3.66
		47	43	40.62	3.27	39.72	3.38	38.58	3.49	**37.95**	**3.55**	37.45	3.60	36.08	3.71
		50	46	40.74	3.25	39.92	3.35	38.93	3.45	38.37	3.50	37.92	3.54	36.64	3.64
		55	51	40.94	3.22	40.26	3.30	39.52	3.38	39.07	3.41	38.70	3.45	37.56	3.52
		60	56	41.14	3.18	40.60	3.25	40.11	3.31	39.76	3.33	39.49	3.35	38.48	3.40
		63	59	41.26	3.16	40.81	3.21	40.46	3.26	40.18	3.28	39.96	3.29	39.03	3.33
		68	64	41.38	3.14	41.02	3.18	40.81	3.22	40.60	3.23	40.44	3.24	39.59	3.26

TC = Total Capacity (kBtu/h).

PI = Power Input (kW).

Nominal capacity as rated: 0 ft. above sea level with 25 ft. of refrigerant piping.
0 ft. level difference between outdoor and indoor units.

Nominal heating capacity rating obtained with air entering the indoor unit at 70°F dry bulb (DB) and 60°F wet bulb (WB), and outdoor ambient conditions of 47°F dry bulb (DB) and 43°F wet bulb (WB).

Due to our policy of continuous product innovation, some specifications may change without notification.
©LG Electronics U.S.A., Inc., Englewood Cliffs, NJ. All rights reserved. "LG" is a registered trademark of LG Corp.

PERFORMANCE DATA

Heating Capacity Tables

Table 97: LMU369HV Heating Capacity Table — Ducted Indoor Units (continued).

Connected Indoor Units	Combination Capacity Index	Outdoor Air Temp.		Indoor Air Temp. °F DB											
		°F	°F	61		64		68		70		72		75	
		DB	WB	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
Three (3) Ducted Indoor Units	12 + 12 + 12	0	-0.4	22.02	2.61	20.77	2.71	20.72	2.75	20.26	2.78	19.88	2.79	19.05	2.89
		5	4.5	25.26	2.67	24.10	2.77	23.73	2.83	23.23	2.86	22.82	2.89	21.90	2.98
		10	9	27.43	2.73	26.32	2.83	25.74	2.90	25.21	2.94	24.79	2.97	23.82	3.06
		17	15	29.81	2.81	28.78	2.90	27.95	2.99	**27.40**	**3.04**	26.96	3.08	25.92	3.17
		20	19	31.26	2.86	30.26	2.95	29.29	3.05	28.73	3.11	28.28	3.15	27.20	3.24
		25	23	33.66	2.96	32.67	3.04	31.53	3.16	30.93	3.22	30.46	3.27	29.31	3.36
		30	28	36.08	3.07	34.96	3.17	33.76	3.27	33.14	3.34	32.65	3.40	31.45	3.48
		35	32	38.49	3.18	37.27	3.29	36.00	3.37	35.35	3.45	34.83	3.52	33.58	3.60
		40	36	40.46	3.27	39.32	3.38	38.07	3.48	37.41	3.55	36.88	3.61	35.54	3.70
		45	41	42.91	3.38	41.88	3.50	40.65	3.61	39.97	3.67	39.43	3.72	38.00	3.83
		47	43	43.89	3.43	42.91	3.54	41.68	3.66	**41.00**	**3.72**	40.46	3.77	38.98	3.88
		50	46	44.02	3.41	43.13	3.51	42.06	3.61	41.45	3.67	40.96	3.71	39.58	3.81
		55	51	44.23	3.37	43.50	3.46	42.69	3.54	42.20	3.58	41.81	3.61	40.58	3.69
		60	56	44.45	3.34	43.87	3.40	43.33	3.46	42.96	3.49	42.66	3.51	41.57	3.56
		63	59	44.58	3.31	44.09	3.37	43.71	3.42	43.41	3.44	43.17	3.45	42.17	3.49
		68	64	44.70	3.29	44.31	3.34	44.09	3.37	43.87	3.38	43.69	3.39	42.77	3.42
	9 + 9 + 18	0	-0.4	22.02	2.61	20.77	2.71	20.72	2.75	20.26	2.78	19.88	2.79	19.05	2.89
		5	4.5	25.26	2.67	24.10	2.77	23.73	2.83	23.23	2.86	22.82	2.89	21.90	2.98
		10	9	27.43	2.73	26.32	2.83	25.74	2.90	25.21	2.94	24.79	2.97	23.82	3.06
		17	15	29.81	2.81	28.78	2.90	27.95	2.99	**27.40**	**3.04**	26.96	3.08	25.92	3.17
		20	19	31.26	2.86	30.26	2.95	29.29	3.05	28.73	3.11	28.28	3.15	27.20	3.24
		25	23	33.66	2.96	32.67	3.04	31.53	3.16	30.93	3.22	30.46	3.27	29.31	3.36
		30	28	36.08	3.07	34.96	3.17	33.76	3.27	33.14	3.34	32.65	3.40	31.45	3.48
		35	32	38.49	3.18	37.27	3.29	36.00	3.37	35.35	3.45	34.83	3.52	33.58	3.60
		40	36	40.46	3.27	39.32	3.38	38.07	3.48	37.41	3.55	36.88	3.61	35.54	3.70
		45	41	42.91	3.38	41.88	3.50	40.65	3.61	39.97	3.67	39.43	3.72	38.00	3.83
		47	43	43.89	3.43	42.91	3.54	41.68	3.66	**41.00**	**3.72**	40.46	3.77	38.98	3.88
		50	46	44.02	3.41	43.13	3.51	42.06	3.61	41.45	3.67	40.96	3.71	39.58	3.81
		55	51	44.23	3.37	43.50	3.46	42.69	3.54	42.20	3.58	41.81	3.61	40.58	3.69
		60	56	44.45	3.34	43.87	3.40	43.33	3.46	42.96	3.49	42.66	3.51	41.57	3.56
		63	59	44.58	3.31	44.09	3.37	43.71	3.42	43.41	3.44	43.17	3.45	42.17	3.49
		68	64	44.70	3.29	44.31	3.34	44.09	3.37	43.87	3.38	43.69	3.39	42.77	3.42
	9 + 12 + 18	0	-0.4	22.02	2.61	20.77	2.71	20.72	2.75	20.26	2.78	19.88	2.79	19.05	2.89
		5	4.5	25.26	2.67	24.10	2.77	23.73	2.83	23.23	2.86	22.82	2.89	21.90	2.98
		10	9	27.43	2.73	26.32	2.83	25.74	2.90	25.21	2.94	24.79	2.97	23.82	3.06
		17	15	29.81	2.81	28.78	2.90	27.95	2.99	**27.40**	**3.04**	26.96	3.08	25.92	3.17
		20	19	31.26	2.86	30.26	2.95	29.29	3.05	28.73	3.11	28.28	3.15	27.20	3.24
		25	23	33.66	2.96	32.67	3.04	31.53	3.16	30.93	3.22	30.46	3.27	29.31	3.36
		30	28	36.08	3.07	34.96	3.17	33.76	3.27	33.14	3.34	32.65	3.40	31.45	3.48
		35	32	38.49	3.18	37.27	3.29	36.00	3.37	35.35	3.45	34.83	3.52	33.58	3.60
		40	36	40.46	3.27	39.32	3.38	38.07	3.48	37.41	3.55	36.88	3.61	35.54	3.70
		45	41	42.91	3.38	41.88	3.50	40.65	3.61	39.97	3.67	39.43	3.72	38.00	3.83
		47	43	43.89	3.43	42.91	3.54	41.68	3.66	**41.00**	**3.72**	40.46	3.77	38.98	3.88
		50	46	44.02	3.41	43.13	3.51	42.06	3.61	41.45	3.67	40.96	3.71	39.58	3.81
		55	51	44.23	3.37	43.50	3.46	42.69	3.54	42.20	3.58	41.81	3.61	40.58	3.69
		60	56	44.45	3.34	43.87	3.40	43.33	3.46	42.96	3.49	42.66	3.51	41.57	3.56
		63	59	44.58	3.31	44.09	3.37	43.71	3.42	43.41	3.44	43.17	3.45	42.17	3.49
		68	64	44.70	3.29	44.31	3.34	44.09	3.37	43.87	3.38	43.69	3.39	42.77	3.42

TC = Total Capacity (kBtu/h).

PI = Power Input (kW).

Nominal capacity as rated: 0 ft. above sea level with 25 ft. of refrigerant piping.
0 ft. level difference between outdoor and indoor units.

Nominal heating capacity rating obtained with air entering the indoor unit at 70°F dry bulb (DB) and 60°F wet bulb (WB), and outdoor ambient conditions of 47°F dry bulb (DB) and 43°F wet bulb (WB).

Due to our policy of continuous product innovation, some specifications may change without notification.
©LG Electronics U.S.A., Inc., Englewood Cliffs, NJ. All rights reserved. "LG" is a registered trademark of LG Corp.

Table 98: LMU369HV Heating Capacity Table — Ducted Indoor Units (continued).

Connected Indoor Units	Combination Capacity Index	Outdoor Air Temp.		Indoor Air Temp. °F DB											
		°F	°F	61		64		68		70		72		75	
		DB	WB	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
Three (3) Ducted Indoor Units	12 + 12 + 18	0	-0.4	22.02	2.61	20.77	2.71	20.72	2.75	20.26	2.78	19.88	2.79	19.05	2.89
		5	4.5	25.26	2.67	24.10	2.77	23.73	2.83	23.23	2.86	22.82	2.89	21.90	2.98
		10	9	27.43	2.73	26.32	2.83	25.74	2.90	25.21	2.94	24.79	2.97	23.82	3.06
		17	15	29.81	2.81	28.78	2.90	27.95	2.99	**27.40**	**3.04**	26.96	3.08	25.92	3.17
		20	19	31.26	2.86	30.26	2.95	29.29	3.05	28.73	3.11	28.28	3.15	27.20	3.24
		25	23	33.66	2.96	32.67	3.04	31.53	3.16	30.93	3.22	30.46	3.27	29.31	3.36
		30	28	36.08	3.07	34.96	3.17	33.76	3.27	33.14	3.34	32.65	3.40	31.45	3.48
		35	32	38.49	3.18	37.27	3.29	36.00	3.37	35.35	3.45	34.83	3.52	33.58	3.60
		40	36	40.46	3.27	39.32	3.38	38.07	3.48	37.41	3.55	36.88	3.61	35.54	3.70
		45	41	42.91	3.38	41.88	3.50	40.65	3.61	39.97	3.67	39.43	3.72	38.00	3.83
		47	43	43.89	3.43	42.91	3.54	41.68	3.66	**41.00**	**3.72**	40.46	3.77	38.98	3.88
		50	46	44.02	3.41	43.13	3.51	42.06	3.61	41.45	3.67	40.96	3.71	39.58	3.81
		55	51	44.23	3.37	43.50	3.46	42.69	3.54	42.20	3.58	41.81	3.61	40.58	3.69
		60	56	44.45	3.34	43.87	3.40	43.33	3.46	42.96	3.49	42.66	3.51	41.57	3.56
		63	59	44.58	3.31	44.09	3.37	43.71	3.42	43.41	3.44	43.17	3.45	42.17	3.49
		68	64	44.70	3.29	44.31	3.34	44.09	3.37	43.87	3.38	43.69	3.39	42.77	3.42
	9 + 18 + 18	0	-0.4	22.02	2.61	20.77	2.71	20.72	2.75	20.26	2.78	19.88	2.79	19.05	2.89
		5	4.5	25.26	2.67	24.10	2.77	23.73	2.83	23.23	2.86	22.82	2.89	21.90	2.98
		10	9	27.43	2.73	26.32	2.83	25.74	2.90	25.21	2.94	24.79	2.97	23.82	3.06
		17	15	29.81	2.81	28.78	2.90	27.95	2.99	**27.40**	**3.04**	26.96	3.08	25.92	3.17
		20	19	31.26	2.86	30.26	2.95	29.29	3.05	28.73	3.11	28.28	3.15	27.20	3.24
		25	23	33.66	2.96	32.67	3.04	31.53	3.16	30.93	3.22	30.46	3.27	29.31	3.36
		30	28	36.08	3.07	34.96	3.17	33.76	3.27	33.14	3.34	32.65	3.40	31.45	3.48
		35	32	38.49	3.18	37.27	3.29	36.00	3.37	35.35	3.45	34.83	3.52	33.58	3.60
		40	36	40.46	3.27	39.32	3.38	38.07	3.48	37.41	3.55	36.88	3.61	35.54	3.70
		45	41	42.91	3.38	41.88	3.50	40.65	3.61	39.97	3.67	39.43	3.72	38.00	3.83
		47	43	43.89	3.43	42.91	3.54	41.68	3.66	**41.00**	**3.72**	40.46	3.77	38.98	3.88
		50	46	44.02	3.41	43.13	3.51	42.06	3.61	41.45	3.67	40.96	3.71	39.58	3.81
		55	51	44.23	3.37	43.50	3.46	42.69	3.54	42.20	3.58	41.81	3.61	40.58	3.69
		60	56	44.45	3.34	43.87	3.40	43.33	3.46	42.96	3.49	42.66	3.51	41.57	3.56
		63	59	44.58	3.31	44.09	3.37	43.71	3.42	43.41	3.44	43.17	3.45	42.17	3.49
		68	64	44.70	3.29	44.31	3.34	44.09	3.37	43.87	3.38	43.69	3.39	42.77	3.42
	12 + 18 + 18	0	-0.4	22.02	2.61	20.77	2.71	20.72	2.75	20.26	2.78	19.88	2.79	19.05	2.89
		5	4.5	25.26	2.67	24.10	2.77	23.73	2.83	23.23	2.86	22.82	2.89	21.90	2.98
		10	9	27.43	2.73	26.32	2.83	25.74	2.90	25.21	2.94	24.79	2.97	23.82	3.06
		17	15	29.81	2.81	28.78	2.90	27.95	2.99	**27.40**	**3.04**	26.96	3.08	25.92	3.17
		20	19	31.26	2.86	30.26	2.95	29.29	3.05	28.73	3.11	28.28	3.15	27.20	3.24
		25	23	33.66	2.96	32.67	3.04	31.53	3.16	30.93	3.22	30.46	3.27	29.31	3.36
		30	28	36.08	3.07	34.96	3.17	33.76	3.27	33.14	3.34	32.65	3.40	31.45	3.48
		35	32	38.49	3.18	37.27	3.29	36.00	3.37	35.35	3.45	34.83	3.52	33.58	3.60
		40	36	40.46	3.27	39.32	3.38	38.07	3.48	37.41	3.55	36.88	3.61	35.54	3.70
		45	41	42.91	3.38	41.88	3.50	40.65	3.61	39.97	3.67	39.43	3.72	38.00	3.83
		47	43	43.89	3.43	42.91	3.54	41.68	3.66	**41.00**	**3.72**	40.46	3.77	38.98	3.88
		50	46	44.02	3.41	43.13	3.51	42.06	3.61	41.45	3.67	40.96	3.71	39.58	3.81
		55	51	44.23	3.37	43.50	3.46	42.69	3.54	42.20	3.58	41.81	3.61	40.58	3.69
		60	56	44.45	3.34	43.87	3.40	43.33	3.46	42.96	3.49	42.66	3.51	41.57	3.56
		63	59	44.58	3.31	44.09	3.37	43.71	3.42	43.41	3.44	43.17	3.45	42.17	3.49
		68	64	44.70	3.29	44.31	3.34	44.09	3.37	43.87	3.38	43.69	3.39	42.77	3.42

TC = Total Capacity (kBtu/h).

PI = Power Input (kW).

Nominal capacity as rated: 0 ft. above sea level with 25 ft. of refrigerant piping.
0 ft. level difference between outdoor and indoor units.

Nominal heating capacity rating obtained with air entering the indoor unit at 70°F dry bulb (DB) and 60°F wet bulb (WB), and outdoor ambient conditions of 47°F dry bulb (DB) and 43°F wet bulb (WB).

Due to our policy of continuous product innovation, some specifications may change without notification.
©LG Electronics U.S.A., Inc., Englewood Cliffs, NJ. All rights reserved. "LG" is a registered trademark of LG Corp.

PERFORMANCE DATA

Heating Capacity Tables

Table 99: LMU369HV Heating Capacity Table — Ducted Indoor Units (continued).

Connected Indoor Units	Combination Capacity Index	Outdoor Air Temp.		Indoor Air Temp. °F DB											
		°F	°F	61		64		68		70		72		75	
		DB	WB	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
Four (4) Ducted Indoor Units	9 + 9 + 9 + 9	0	-0.4	22.02	2.61	20.77	2.71	20.72	2.75	20.26	2.78	19.88	2.79	19.05	2.89
		5	4.5	25.26	2.67	24.10	2.77	23.73	2.83	23.23	2.86	22.82	2.89	21.90	2.98
		10	9	27.43	2.73	26.32	2.83	25.74	2.90	25.21	2.94	24.79	2.97	23.82	3.06
		17	15	29.81	2.81	28.78	2.90	27.95	2.99	**27.40**	**3.04**	26.96	3.08	25.92	3.17
		20	19	31.26	2.86	30.26	2.95	29.29	3.05	28.73	3.11	28.28	3.15	27.20	3.24
		25	23	33.66	2.96	32.67	3.04	31.53	3.16	30.93	3.22	30.46	3.27	29.31	3.36
		30	28	36.08	3.07	34.96	3.17	33.76	3.27	33.14	3.34	32.65	3.40	31.45	3.48
		35	32	38.49	3.18	37.27	3.29	36.00	3.37	35.35	3.45	34.83	3.52	33.58	3.60
		40	36	40.46	3.27	39.32	3.38	38.07	3.48	37.41	3.55	36.88	3.61	35.54	3.70
		45	41	42.91	3.38	41.88	3.50	40.65	3.61	39.97	3.67	39.43	3.72	38.00	3.83
		47	43	43.89	3.43	42.91	3.54	41.68	3.66	**41.00**	**3.72**	40.46	3.77	38.98	3.88
		50	46	44.02	3.41	43.13	3.51	42.06	3.61	41.45	3.67	40.96	3.71	39.58	3.81
		55	51	44.23	3.37	43.50	3.46	42.69	3.54	42.20	3.58	41.81	3.61	40.58	3.69
		60	56	44.45	3.34	43.87	3.40	43.33	3.46	42.96	3.49	42.66	3.51	41.57	3.56
		63	59	44.58	3.31	44.09	3.37	43.71	3.42	43.41	3.44	43.17	3.45	42.17	3.49
		68	64	44.70	3.29	44.31	3.34	44.09	3.37	43.87	3.38	43.69	3.39	42.77	3.42
	9 + 9 + 9 + 12	0	-0.4	22.02	2.61	20.77	2.71	20.72	2.75	20.26	2.78	19.88	2.79	19.05	2.89
		5	4.5	25.26	2.67	24.10	2.77	23.73	2.83	23.23	2.86	22.82	2.89	21.90	2.98
		10	9	27.43	2.73	26.32	2.83	25.74	2.90	25.21	2.94	24.79	2.97	23.82	3.06
		17	15	29.81	2.81	28.78	2.90	27.95	2.99	**27.40**	**3.04**	26.96	3.08	25.92	3.17
		20	19	31.26	2.86	30.26	2.95	29.29	3.05	28.73	3.11	28.28	3.15	27.20	3.24
		25	23	33.66	2.96	32.67	3.04	31.53	3.16	30.93	3.22	30.46	3.27	29.31	3.36
		30	28	36.08	3.07	34.96	3.17	33.76	3.27	33.14	3.34	32.65	3.40	31.45	3.48
		35	32	38.49	3.18	37.27	3.29	36.00	3.37	35.35	3.45	34.83	3.52	33.58	3.60
		40	36	40.46	3.27	39.32	3.38	38.07	3.48	37.41	3.55	36.88	3.61	35.54	3.70
		45	41	42.91	3.38	41.88	3.50	40.65	3.61	39.97	3.67	39.43	3.72	38.00	3.83
		47	43	43.89	3.43	42.91	3.54	41.68	3.66	**41.00**	**3.72**	40.46	3.77	38.98	3.88
		50	46	44.02	3.41	43.13	3.51	42.06	3.61	41.45	3.67	40.96	3.71	39.58	3.81
		55	51	44.23	3.37	43.50	3.46	42.69	3.54	42.20	3.58	41.81	3.61	40.58	3.69
		60	56	44.45	3.34	43.87	3.40	43.33	3.46	42.96	3.49	42.66	3.51	41.57	3.56
		63	59	44.58	3.31	44.09	3.37	43.71	3.42	43.41	3.44	43.17	3.45	42.17	3.49
		68	64	44.70	3.29	44.31	3.34	44.09	3.37	43.87	3.38	43.69	3.39	42.77	3.42
	9 + 9 + 12 + 12	0	-0.4	22.02	2.61	20.77	2.71	20.72	2.75	20.26	2.78	19.88	2.79	19.05	2.89
		5	4.5	25.26	2.67	24.10	2.77	23.73	2.83	23.23	2.86	22.82	2.89	21.90	2.98
		10	9	27.43	2.73	26.32	2.83	25.74	2.90	25.21	2.94	24.79	2.97	23.82	3.06
		17	15	29.81	2.81	28.78	2.90	27.95	2.99	**27.40**	**3.04**	26.96	3.08	25.92	3.17
		20	19	31.26	2.86	30.26	2.95	29.29	3.05	28.73	3.11	28.28	3.15	27.20	3.24
		25	23	33.66	2.96	32.67	3.04	31.53	3.16	30.93	3.22	30.46	3.27	29.31	3.36
		30	28	36.08	3.07	34.96	3.17	33.76	3.27	33.14	3.34	32.65	3.40	31.45	3.48
		35	32	38.49	3.18	37.27	3.29	36.00	3.37	35.35	3.45	34.83	3.52	33.58	3.60
		40	36	40.46	3.27	39.32	3.38	38.07	3.48	37.41	3.55	36.88	3.61	35.54	3.70
		45	41	42.91	3.38	41.88	3.50	40.65	3.61	39.97	3.67	39.43	3.72	38.00	3.83
		47	43	43.89	3.43	42.91	3.54	41.68	3.66	**41.00**	**3.72**	40.46	3.77	38.98	3.88
		50	46	44.02	3.41	43.13	3.51	42.06	3.61	41.45	3.67	40.96	3.71	39.58	3.81
		55	51	44.23	3.37	43.50	3.46	42.69	3.54	42.20	3.58	41.81	3.61	40.58	3.69
		60	56	44.45	3.34	43.87	3.40	43.33	3.46	42.96	3.49	42.66	3.51	41.57	3.56
		63	59	44.58	3.31	44.09	3.37	43.71	3.42	43.41	3.44	43.17	3.45	42.17	3.49
		68	64	44.70	3.29	44.31	3.34	44.09	3.37	43.87	3.38	43.69	3.39	42.77	3.42

TC = Total Capacity (kBtu/h).

PI = Power Input (kW).

Nominal capacity as rated: 0 ft. above sea level with 25 ft. of refrigerant piping.
0 ft. level difference between outdoor and indoor units.

Nominal heating capacity rating obtained with air entering the indoor unit at 70°F dry bulb (DB) and 60°F wet bulb (WB), and outdoor ambient conditions of 47°F dry bulb (DB) and 43°F wet bulb (WB).

Due to our policy of continuous product innovation, some specifications may change without notification.
©LG Electronics U.S.A., Inc., Englewood Cliffs, NJ. All rights reserved. "LG" is a registered trademark of LG Corp.

Table 100: LMU369HV Heating Capacity Table — Ducted Indoor Units (continued).

Connected Indoor Units	Combination Capacity Index	Outdoor Air Temp.		Indoor Air Temp. °F DB											
		°F	°F	61		64		68		70		72		75	
		DB	WB	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
Four (4) Ducted Indoor Units	9 + 12 + 12 + 12	0	-0.4	22.02	2.61	20.77	2.71	20.72	2.75	20.26	2.78	19.88	2.79	19.05	2.89
		5	4.5	25.26	2.67	24.10	2.77	23.73	2.83	23.23	2.86	22.82	2.89	21.90	2.98
		10	9	27.43	2.73	26.32	2.83	25.74	2.90	25.21	2.94	24.79	2.97	23.82	3.06
		17	15	29.81	2.81	28.78	2.90	27.95	2.99	**27.40**	**3.04**	26.96	3.08	25.92	3.17
		20	19	31.26	2.86	30.26	2.95	29.29	3.05	28.73	3.11	28.28	3.15	27.20	3.24
		25	23	33.66	2.96	32.67	3.04	31.53	3.16	30.93	3.22	30.46	3.27	29.31	3.36
		30	28	36.08	3.07	34.96	3.17	33.76	3.27	33.14	3.34	32.65	3.40	31.45	3.48
		35	32	38.49	3.18	37.27	3.29	36.00	3.37	35.35	3.45	34.83	3.52	33.58	3.60
		40	36	40.46	3.27	39.32	3.38	38.07	3.48	37.41	3.55	36.88	3.61	35.54	3.70
		45	41	42.91	3.38	41.88	3.50	40.65	3.61	39.97	3.67	39.43	3.72	38.00	3.83
		47	43	43.89	3.43	42.91	3.54	41.68	3.66	**41.00**	**3.72**	40.46	3.77	38.98	3.88
		50	46	44.02	3.41	43.13	3.51	42.06	3.61	41.45	3.67	40.96	3.71	39.58	3.81
		55	51	44.23	3.37	43.50	3.46	42.69	3.54	42.20	3.58	41.81	3.61	40.58	3.69
		60	56	44.45	3.34	43.87	3.40	43.33	3.46	42.96	3.49	42.66	3.51	41.57	3.56
		63	59	44.58	3.31	44.09	3.37	43.71	3.42	43.41	3.44	43.17	3.45	42.17	3.49
		68	64	44.70	3.29	44.31	3.34	44.09	3.37	43.87	3.38	43.69	3.39	42.77	3.42
	9 + 9 + 9 + 18	0	-0.4	22.02	2.61	20.77	2.71	20.72	2.75	20.26	2.78	19.88	2.79	19.05	2.89
		5	4.5	25.26	2.67	24.10	2.77	23.73	2.83	23.23	2.86	22.82	2.89	21.90	2.98
		10	9	27.43	2.73	26.32	2.83	25.74	2.90	25.21	2.94	24.79	2.97	23.82	3.06
		17	15	29.81	2.81	28.78	2.90	27.95	2.99	**27.40**	**3.04**	26.96	3.08	25.92	3.17
		20	19	31.26	2.86	30.26	2.95	29.29	3.05	28.73	3.11	28.28	3.15	27.20	3.24
		25	23	33.66	2.96	32.67	3.04	31.53	3.16	30.93	3.22	30.46	3.27	29.31	3.36
		30	28	36.08	3.07	34.96	3.17	33.76	3.27	33.14	3.34	32.65	3.40	31.45	3.48
		35	32	38.49	3.18	37.27	3.29	36.00	3.37	35.35	3.45	34.83	3.52	33.58	3.60
		40	36	40.46	3.27	39.32	3.38	38.07	3.48	37.41	3.55	36.88	3.61	35.54	3.70
		45	41	42.91	3.38	41.88	3.50	40.65	3.61	39.97	3.67	39.43	3.72	38.00	3.83
		47	43	43.89	3.43	42.91	3.54	41.68	3.66	**41.00**	**3.72**	40.46	3.77	38.98	3.88
		50	46	44.02	3.41	43.13	3.51	42.06	3.61	41.45	3.67	40.96	3.71	39.58	3.81
		55	51	44.23	3.37	43.50	3.46	42.69	3.54	42.20	3.58	41.81	3.61	40.58	3.69
		60	56	44.45	3.34	43.87	3.40	43.33	3.46	42.96	3.49	42.66	3.51	41.57	3.56
		63	59	44.58	3.31	44.09	3.37	43.71	3.42	43.41	3.44	43.17	3.45	42.17	3.49
		68	64	44.70	3.29	44.31	3.34	44.09	3.37	43.87	3.38	43.69	3.39	42.77	3.42
	9 + 9 + 12 + 18	0	-0.4	22.02	2.61	20.77	2.71	20.72	2.75	20.26	2.78	19.88	2.79	19.05	2.89
		5	4.5	25.26	2.67	24.10	2.77	23.73	2.83	23.23	2.86	22.82	2.89	21.90	2.98
		10	9	27.43	2.73	26.32	2.83	25.74	2.90	25.21	2.94	24.79	2.97	23.82	3.06
		17	15	29.81	2.81	28.78	2.90	27.95	2.99	**27.40**	**3.04**	26.96	3.08	25.92	3.17
		20	19	31.26	2.86	30.26	2.95	29.29	3.05	28.73	3.11	28.28	3.15	27.20	3.24
		25	23	33.66	2.96	32.67	3.04	31.53	3.16	30.93	3.22	30.46	3.27	29.31	3.36
		30	28	36.08	3.07	34.96	3.17	33.76	3.27	33.14	3.34	32.65	3.40	31.45	3.48
		35	32	38.49	3.18	37.27	3.29	36.00	3.37	35.35	3.45	34.83	3.52	33.58	3.60
		40	36	40.46	3.27	39.32	3.38	38.07	3.48	37.41	3.55	36.88	3.61	35.54	3.70
		45	41	42.91	3.38	41.88	3.50	40.65	3.61	39.97	3.67	39.43	3.72	38.00	3.83
		47	43	43.89	3.43	42.91	3.54	41.68	3.66	**41.00**	**3.72**	40.46	3.77	38.98	3.88
		50	46	44.02	3.41	43.13	3.51	42.06	3.61	41.45	3.67	40.96	3.71	39.58	3.81
		55	51	44.23	3.37	43.50	3.46	42.69	3.54	42.20	3.58	41.81	3.61	40.58	3.69
		60	56	44.45	3.34	43.87	3.40	43.33	3.46	42.96	3.49	42.66	3.51	41.57	3.56
		63	59	44.58	3.31	44.09	3.37	43.71	3.42	43.41	3.44	43.17	3.45	42.17	3.49
		68	64	44.70	3.29	44.31	3.34	44.09	3.37	43.87	3.38	43.69	3.39	42.77	3.42

TC = Total Capacity (kBtu/h).

PI = Power Input (kW).

Nominal capacity as rated: 0 ft. above sea level with 25 ft. of refrigerant piping.
0 ft. level difference between outdoor and indoor units.

Nominal heating capacity rating obtained with air entering the indoor unit at 70°F dry bulb (DB) and 60°F wet bulb (WB), and outdoor ambient conditions of 47°F dry bulb (DB) and 43°F wet bulb (WB).

Due to our policy of continuous product innovation, some specifications may change without notification.
©LG Electronics U.S.A., Inc., Englewood Cliffs, NJ. All rights reserved. "LG" is a registered trademark of LG Corp.

PERFORMANCE DATA

Heating Capacity Tables

Table 101: LMU369HV Heating Capacity Table — Ducted Indoor Units (continued) / Mixed Indoor Units.

Connected Indoor Units	Combination Capacity Index	Outdoor Air Temp.		Indoor Air Temp. °F DB											
		°F	°F	61		64		68		70		72		75	
		DB	WB	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
Four (4) Ducted Indoor Units	12 + 12 + 12 + 12	0	-0.4	22.02	2.61	20.77	2.71	20.72	2.75	20.26	2.78	19.88	2.79	19.05	2.89
		5	4.5	25.26	2.67	24.10	2.77	23.73	2.83	23.23	2.86	22.82	2.89	21.90	2.98
		10	9	27.43	2.73	26.32	2.83	25.74	2.90	25.21	2.94	24.79	2.97	23.82	3.06
		17	15	29.81	2.81	28.78	2.90	27.95	2.99	**27.40**	**3.04**	26.96	3.08	25.92	3.17
		20	19	31.26	2.86	30.26	2.95	29.29	3.05	28.73	3.11	28.28	3.15	27.20	3.24
		25	23	33.66	2.96	32.67	3.04	31.53	3.16	30.93	3.22	30.46	3.27	29.31	3.36
		30	28	36.08	3.07	34.96	3.17	33.76	3.27	33.14	3.34	32.65	3.40	31.45	3.48
		35	32	38.49	3.18	37.27	3.29	36.00	3.37	35.35	3.45	34.83	3.52	33.58	3.60
		40	36	40.46	3.27	39.32	3.38	38.07	3.48	37.41	3.55	36.88	3.61	35.54	3.70
		45	41	42.91	3.38	41.88	3.50	40.65	3.61	39.97	3.67	39.43	3.72	38.00	3.83
		47	43	43.89	3.43	42.91	3.54	41.68	3.66	**41.00**	**3.72**	40.46	3.77	38.98	3.88
		50	46	44.02	3.41	43.13	3.51	42.06	3.61	41.45	3.67	40.96	3.71	39.58	3.81
		55	51	44.23	3.37	43.50	3.46	42.69	3.54	42.20	3.58	41.81	3.61	40.58	3.69
		60	56	44.45	3.34	43.87	3.40	43.33	3.46	42.96	3.49	42.66	3.51	41.57	3.56
		63	59	44.58	3.31	44.09	3.37	43.71	3.42	43.41	3.44	43.17	3.45	42.17	3.49
		68	64	44.70	3.29	44.31	3.34	44.09	3.37	43.87	3.38	43.69	3.39	42.77	3.42
Two (2) Mixed Indoor Units	9 + 9	0	-0.4	10.39	1.47	9.79	1.53	9.78	1.55	9.56	1.57	9.38	1.58	8.98	1.63
		5	4.5	12.17	1.51	11.60	1.57	11.43	1.60	11.19	1.62	10.99	1.63	10.55	1.69
		10	9	13.36	1.55	12.82	1.60	12.53	1.64	12.28	1.67	12.07	1.68	11.60	1.74
		17	15	14.67	1.60	14.16	1.65	13.75	1.70	**13.48**	**1.73**	13.26	1.75	12.75	1.80
		20	19	15.46	1.63	14.97	1.68	14.49	1.74	14.21	1.77	13.99	1.79	13.45	1.84
		25	23	16.78	1.69	16.29	1.74	15.72	1.80	15.42	1.84	15.18	1.87	14.61	1.92
		30	28	18.11	1.75	17.55	1.81	16.95	1.87	16.63	1.91	16.39	1.94	15.78	1.99
		35	32	19.43	1.82	18.82	1.88	18.17	1.93	17.85	1.98	17.59	2.01	16.95	2.06
		40	36	20.42	1.87	19.85	1.94	19.22	1.99	18.89	2.03	18.62	2.07	17.94	2.12
		45	41	21.66	1.94	21.15	2.00	20.52	2.06	20.18	2.10	19.91	2.13	19.19	2.19
		47	43	22.16	1.96	21.66	2.03	21.04	2.09	**20.70**	**2.13**	20.42	2.16	19.68	2.22
		50	46	22.22	1.95	21.77	2.01	21.24	2.07	20.93	2.10	20.68	2.12	19.98	2.18
		55	51	22.33	1.93	21.96	1.98	21.56	2.03	21.31	2.05	21.11	2.07	20.49	2.11
		60	56	22.44	1.91	22.15	1.95	21.88	1.98	21.69	2.00	21.54	2.01	20.99	2.04
		63	59	22.51	1.90	22.26	1.93	22.07	1.96	21.92	1.97	21.80	1.98	21.29	2.00
		68	64	22.57	1.89	22.37	1.91	22.26	1.93	22.15	1.94	22.06	1.94	21.59	1.96
	9 + 12	0	-0.4	12.12	1.76	11.42	1.83	11.41	1.86	11.15	1.88	10.94	1.89	10.48	1.96
		5	4.5	14.20	1.81	13.54	1.88	13.33	1.92	13.05	1.94	12.83	1.95	12.31	2.02
		10	9	15.58	1.85	14.96	1.92	14.62	1.97	14.33	1.99	14.09	2.01	13.53	2.08
		17	15	17.11	1.91	16.52	1.97	16.04	2.03	**15.73**	**2.07**	15.48	2.10	14.88	2.16
		20	19	18.04	1.95	17.46	2.01	16.90	2.08	16.58	2.12	16.32	2.15	15.70	2.21
		25	23	19.58	2.02	19.00	2.08	18.34	2.16	17.99	2.20	17.71	2.24	17.05	2.29
		30	28	21.13	2.10	20.47	2.17	19.77	2.23	19.41	2.28	19.12	2.32	18.41	2.38
		35	32	22.67	2.18	21.95	2.25	21.20	2.31	20.82	2.37	20.52	2.41	19.78	2.47
		40	36	23.83	2.24	23.16	2.32	22.42	2.38	22.03	2.43	21.72	2.47	20.94	2.54
		45	41	25.27	2.32	24.67	2.40	23.94	2.47	23.55	2.52	23.23	2.55	22.38	2.63
		47	43	25.85	2.35	25.27	2.43	24.55	2.51	**24.15**	**2.55**	23.83	2.58	22.96	2.66
		50	46	25.93	2.34	25.40	2.41	24.78	2.48	24.42	2.51	24.13	2.54	23.31	2.61
		55	51	26.05	2.31	25.62	2.37	25.15	2.43	24.86	2.45	24.63	2.47	23.90	2.53
		60	56	26.18	2.29	25.84	2.33	25.52	2.37	25.30	2.39	25.13	2.41	24.49	2.44
		63	59	26.26	2.27	25.97	2.31	25.75	2.34	25.57	2.36	25.43	2.36	24.84	2.39
		68	64	26.33	2.26	26.10	2.29	25.97	2.31	25.84	2.32	25.73	2.32	25.19	2.34

TC = Total Capacity (kBtu/h).

PI = Power Input (kW).

Nominal capacity as rated: 0 ft. above sea level with 25 ft. of refrigerant piping.
0 ft. level difference between outdoor and indoor units.

Nominal heating capacity rating obtained with air entering the indoor unit at 70°F dry bulb (DB) and 60°F wet bulb (WB), and outdoor ambient conditions of 47°F dry bulb (DB) and 43°F wet bulb (WB).

Due to our policy of continuous product innovation, some specifications may change without notification.
©LG Electronics U.S.A., Inc., Englewood Cliffs, NJ. All rights reserved. "LG" is a registered trademark of LG Corp.

PERFORMANCE DATA

Heating Capacity Tables

Table 102: LMU369HV Heating Capacity Table — Mixed Indoor Units (continued).

Connected Indoor Units	Combination Capacity Index	Outdoor Air Temp.		Indoor Air Temp. °F DB											
		°F	°F	61		64		68		70		72		75	
		DB	WB	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
Two (2) Mixed Indoor Units	12 + 12	0	-0.4	13.85	1.83	13.05	1.90	13.04	1.93	12.74	1.94	12.50	1.96	11.98	2.03
		5	4.5	16.22	1.88	15.47	1.94	15.24	1.98	14.92	2.01	14.66	2.02	14.07	2.09
		10	9	17.81	1.92	17.09	1.99	16.71	2.04	16.37	2.06	16.10	2.09	15.47	2.15
		17	15	19.56	1.98	18.88	2.04	18.33	2.11	**17.97**	**2.14**	17.69	2.17	17.01	2.23
		20	19	20.61	2.02	19.96	2.08	19.32	2.15	18.94	2.19	18.65	2.22	17.94	2.29
		25	23	22.38	2.09	21.71	2.15	20.96	2.23	20.56	2.28	20.24	2.31	19.48	2.38
		30	28	24.15	2.17	23.40	2.24	22.59	2.31	22.18	2.36	21.85	2.40	21.05	2.47
		35	32	25.91	2.25	25.09	2.33	24.23	2.39	23.80	2.45	23.45	2.49	22.60	2.56
		40	36	27.23	2.32	26.47	2.40	25.62	2.47	25.18	2.52	24.83	2.56	23.93	2.63
		45	41	28.88	2.40	28.19	2.48	27.36	2.56	26.91	2.61	26.55	2.64	25.58	2.72
		47	43	29.54	2.43	28.88	2.51	28.06	2.60	**27.60**	**2.64**	27.23	2.68	26.24	2.76
		50	46	29.63	2.42	29.03	2.49	28.31	2.56	27.90	2.60	27.58	2.63	26.64	2.70
		55	51	29.78	2.39	29.28	2.45	28.74	2.51	28.41	2.54	28.15	2.56	27.31	2.62
		60	56	29.92	2.37	29.53	2.41	29.17	2.46	28.92	2.48	28.72	2.49	27.98	2.53
		63	59	30.01	2.35	29.68	2.39	29.42	2.43	29.22	2.44	29.06	2.45	28.39	2.48
		68	64	30.09	2.34	29.83	2.37	29.68	2.39	29.53	2.40	29.41	2.41	28.79	2.43
	9 + 18	0	-0.4	15.58	2.05	14.68	2.13	14.67	2.16	14.33	2.18	14.07	2.19	13.47	2.27
		5	4.5	18.25	2.10	17.40	2.18	17.14	2.22	16.78	2.25	16.49	2.27	15.83	2.34
		10	9	20.04	2.15	19.23	2.23	18.80	2.28	18.42	2.31	18.11	2.34	17.40	2.41
		17	15	22.00	2.22	21.24	2.29	20.62	2.36	**20.22**	**2.40**	19.90	2.43	19.13	2.50
		20	19	23.19	2.26	22.45	2.33	21.73	2.41	21.31	2.46	20.98	2.49	20.18	2.56
		25	23	25.17	2.34	24.43	2.41	23.58	2.50	23.13	2.55	22.78	2.59	21.92	2.66
		30	28	27.16	2.44	26.32	2.52	25.42	2.59	24.95	2.65	24.58	2.70	23.68	2.76
		35	32	29.15	2.53	28.22	2.62	27.26	2.68	26.77	2.75	26.38	2.80	25.43	2.86
		40	36	30.64	2.60	29.78	2.69	28.83	2.77	28.33	2.82	27.93	2.87	26.92	2.95
		45	41	32.49	2.69	31.72	2.78	30.78	2.87	30.27	2.92	29.86	2.96	28.78	3.05
		47	43	33.24	2.73	32.49	2.82	31.57	2.91	**31.05**	**2.96**	30.64	3.00	29.52	3.09
		50	46	33.33	2.71	32.66	2.79	31.85	2.87	31.39	2.92	31.02	2.95	29.98	3.03
		55	51	33.50	2.68	32.94	2.75	32.33	2.82	31.96	2.85	31.67	2.87	30.73	2.93
		60	56	33.66	2.65	33.22	2.71	32.81	2.76	32.53	2.78	32.31	2.79	31.48	2.84
		63	59	33.76	2.64	33.39	2.68	33.10	2.72	32.87	2.73	32.69	2.75	31.93	2.78
		68	64	33.86	2.62	33.56	2.65	33.39	2.69	33.22	2.69	33.08	2.70	32.39	2.72
	12 + 18	0	-0.4	17.32	2.28	16.31	2.36	16.30	2.40	15.93	2.42	15.63	2.44	14.97	2.52
		5	4.5	20.28	2.34	19.34	2.42	19.05	2.47	18.64	2.50	18.32	2.52	17.58	2.61
		10	9	22.26	2.39	21.37	2.47	20.89	2.54	20.47	2.57	20.12	2.60	19.33	2.68
		17	15	24.45	2.47	23.60	2.55	22.92	2.62	**22.47**	**2.67**	22.11	2.70	21.26	2.78
		20	19	25.77	2.52	24.95	2.59	24.14	2.68	23.68	2.73	23.31	2.77	22.42	2.85
		25	23	27.97	2.61	27.14	2.68	26.20	2.78	25.70	2.84	25.31	2.88	24.35	2.96
		30	28	30.18	2.71	29.25	2.80	28.24	2.88	27.72	2.95	27.31	3.00	26.31	3.07
		35	32	32.39	2.81	31.36	2.91	30.29	2.98	29.75	3.05	29.31	3.11	28.25	3.18
		40	36	34.04	2.89	33.08	2.99	32.03	3.07	31.48	3.14	31.03	3.19	29.91	3.28
		45	41	36.10	2.99	35.24	3.09	34.20	3.19	33.64	3.25	33.18	3.29	31.98	3.39
		47	43	36.93	3.03	36.10	3.13	35.07	3.23	**34.50**	**3.29**	34.04	3.33	32.80	3.43
		50	46	37.04	3.01	36.29	3.10	35.39	3.19	34.88	3.24	34.47	3.28	33.31	3.37
		55	51	37.22	2.98	36.60	3.06	35.93	3.13	35.51	3.16	35.18	3.19	34.14	3.26
		60	56	37.40	2.95	36.91	3.01	36.46	3.06	36.15	3.09	35.90	3.10	34.98	3.15
		63	59	37.51	2.93	37.10	2.98	36.78	3.02	36.53	3.04	36.33	3.05	35.48	3.09
		68	64	37.62	2.91	37.29	2.95	37.10	2.98	36.91	2.99	36.76	3.00	35.99	3.02

TC = Total Capacity (kBtu/h).

PI = Power Input (kW).

Nominal capacity as rated: 0 ft. above sea level with 25 ft. of refrigerant piping.
0 ft. level difference between outdoor and indoor units.

Nominal heating capacity rating obtained with air entering the indoor unit at 70°F dry bulb (DB) and 60°F wet bulb (WB), and outdoor ambient conditions of 47°F dry bulb (DB) and 43°F wet bulb (WB).

Due to our policy of continuous product innovation, some specifications may change without notification.
©LG Electronics U.S.A., Inc., Englewood Cliffs, NJ. All rights reserved. "LG" is a registered trademark of LG Corp.

PERFORMANCE DATA

Heating Capacity Tables

Table 103: LMU369HV Heating Capacity Table — Mixed Indoor Units (continued).

Connected Indoor Units	Combination Capacity Index	Outdoor Air Temp.		Indoor Air Temp. °F DB											
		°F	°F	61		64		68		70		72		75	
		DB	WB	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
Two (2) Mixed Indoor Units	18 + 18	0	-0.4	18.07	2.37	17.02	2.46	17.01	2.50	16.62	2.52	16.31	2.54	15.62	2.63
		5	4.5	21.16	2.44	20.18	2.52	19.88	2.58	19.46	2.61	19.12	2.63	18.35	2.72
		10	9	23.23	2.49	22.29	2.58	21.80	2.65	21.35	2.68	21.00	2.71	20.17	2.80
		17	15	25.51	2.57	24.62	2.65	23.91	2.74	**23.44**	**2.78**	23.07	2.82	22.18	2.90
		20	19	26.89	2.62	26.03	2.70	25.19	2.80	24.71	2.85	24.32	2.89	23.40	2.97
		25	23	29.19	2.72	28.32	2.80	27.34	2.90	26.82	2.96	26.41	3.01	25.41	3.09
		30	28	31.49	2.82	30.52	2.92	29.47	3.01	28.93	3.07	28.50	3.12	27.45	3.20
		35	32	33.80	2.93	32.72	3.03	31.61	3.11	31.04	3.18	30.59	3.24	29.48	3.32
		40	36	35.52	3.01	34.52	3.12	33.42	3.21	32.84	3.27	32.38	3.33	31.21	3.41
		45	41	37.67	3.12	36.77	3.22	35.69	3.32	35.10	3.39	34.62	3.43	33.37	3.53
		47	43	38.54	3.16	37.67	3.27	36.60	3.37	**36.00**	**3.43**	35.52	3.48	34.23	3.58
		50	46	38.65	3.14	37.87	3.24	36.93	3.33	36.40	3.38	35.97	3.42	34.75	3.51
		55	51	38.84	3.11	38.19	3.19	37.49	3.26	37.06	3.30	36.71	3.33	35.63	3.40
		60	56	39.03	3.08	38.52	3.14	38.04	3.19	37.72	3.22	37.46	3.24	36.50	3.29
		63	59	39.14	3.06	38.71	3.11	38.38	3.15	38.12	3.17	37.91	3.18	37.02	3.22
		68	64	39.25	3.04	38.91	3.08	38.71	3.11	38.52	3.12	38.36	3.13	37.56	3.15
	24 + 9	0	-0.4	19.07	2.50	17.96	2.59	17.95	2.63	17.54	2.66	17.22	2.67	16.49	2.77
		5	4.5	22.34	2.56	21.30	2.66	20.98	2.71	20.54	2.74	20.18	2.77	19.37	2.86
		10	9	24.52	2.63	23.53	2.72	23.01	2.78	22.54	2.82	22.17	2.85	21.29	2.94
		17	15	26.93	2.71	25.99	2.79	25.24	2.88	**24.75**	**2.93**	24.35	2.97	23.41	3.05
		20	19	28.38	2.76	27.48	2.85	26.59	2.94	26.08	3.00	25.67	3.04	24.70	3.13
		25	23	30.81	2.86	29.90	2.94	28.86	3.05	28.31	3.12	27.87	3.16	26.82	3.25
		30	28	33.24	2.97	32.22	3.07	31.11	3.16	30.54	3.23	30.08	3.29	28.98	3.37
		35	32	35.68	3.08	34.54	3.19	33.36	3.27	32.77	3.35	32.29	3.41	31.12	3.49
		40	36	37.50	3.17	36.44	3.28	35.28	3.37	34.67	3.44	34.18	3.50	32.94	3.59
		45	41	39.77	3.28	38.82	3.39	37.67	3.50	37.05	3.56	36.55	3.61	35.22	3.72
		47	43	40.68	3.33	39.77	3.44	38.63	3.55	**38.00**	**3.61**	37.50	3.66	36.13	3.77
		50	46	40.80	3.31	39.97	3.41	38.98	3.51	38.42	3.56	37.97	3.60	36.68	3.70
		55	51	41.00	3.27	40.32	3.35	39.57	3.43	39.12	3.47	38.75	3.50	37.61	3.58
		60	56	41.19	3.24	40.66	3.30	40.16	3.36	39.81	3.39	39.54	3.41	38.53	3.46
		63	59	41.31	3.22	40.86	3.27	40.51	3.32	40.23	3.33	40.01	3.35	39.08	3.39
		68	64	41.43	3.20	41.07	3.24	40.87	3.27	40.66	3.28	40.49	3.29	39.64	3.32
	24 + 12	0	-0.4	19.07	2.50	17.96	2.59	17.95	2.63	17.54	2.66	17.22	2.67	16.49	2.77
		5	4.5	22.34	2.56	21.30	2.66	20.98	2.71	20.54	2.74	20.18	2.77	19.37	2.86
		10	9	24.52	2.63	23.53	2.72	23.01	2.78	22.54	2.82	22.17	2.85	21.29	2.94
		17	15	26.93	2.71	25.99	2.79	25.24	2.88	**24.75**	**2.93**	24.35	2.97	23.41	3.05
		20	19	28.38	2.76	27.48	2.85	26.59	2.94	26.08	3.00	25.67	3.04	24.70	3.13
		25	23	30.81	2.86	29.90	2.94	28.86	3.05	28.31	3.12	27.87	3.16	26.82	3.25
		30	28	33.24	2.97	32.22	3.07	31.11	3.16	30.54	3.23	30.08	3.29	28.98	3.37
		35	32	35.68	3.08	34.54	3.19	33.36	3.27	32.77	3.35	32.29	3.41	31.12	3.49
		40	36	37.50	3.17	36.44	3.28	35.28	3.37	34.67	3.44	34.18	3.50	32.94	3.59
		45	41	39.77	3.28	38.82	3.39	37.67	3.50	37.05	3.56	36.55	3.61	35.22	3.72
		47	43	40.68	3.33	39.77	3.44	38.63	3.55	**38.00**	**3.61**	37.50	3.66	36.13	3.77
		50	46	40.80	3.31	39.97	3.41	38.98	3.51	38.42	3.56	37.97	3.60	36.68	3.70
		55	51	41.00	3.27	40.32	3.35	39.57	3.43	39.12	3.47	38.75	3.50	37.61	3.58
		60	56	41.19	3.24	40.66	3.30	40.16	3.36	39.81	3.39	39.54	3.41	38.53	3.46
		63	59	41.31	3.22	40.86	3.27	40.51	3.32	40.23	3.33	40.01	3.35	39.08	3.39
		68	64	41.43	3.20	41.07	3.24	40.87	3.27	40.66	3.28	40.49	3.29	39.64	3.32

TC = Total Capacity (kBtu/h).

PI = Power Input (kW).

Nominal capacity as rated: 0 ft. above sea level with 25 ft. of refrigerant piping.
0 ft. level difference between outdoor and indoor units.

Nominal heating capacity rating obtained with air entering the indoor unit at 70°F dry bulb (DB) and 60°F wet bulb (WB), and outdoor ambient conditions of 47°F dry bulb (DB) and 43°F wet bulb (WB).

Due to our policy of continuous product innovation, some specifications may change without notification.
©LG Electronics U.S.A., Inc., Englewood Cliffs, NJ. All rights reserved. "LG" is a registered trademark of LG Corp.

Table 104: LMU369HV Heating Capacity Table — Mixed Indoor Units (continued).

Connected Indoor Units	Combination Capacity Index	Outdoor Air Temp.		Indoor Air Temp. °F DB											
		°F	°F	61		64		68		70		72		75	
		DB	WB	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
Three (3) Mixed Indoor Units	9 + 9 + 9	0	-0.4	15.58	2.05	14.68	2.13	14.67	2.16	14.33	2.18	14.07	2.19	13.47	2.27
		5	4.5	18.25	2.10	17.40	2.18	17.14	2.22	16.78	2.25	16.49	2.27	15.83	2.34
		10	9	20.04	2.15	19.23	2.23	18.80	2.28	18.42	2.31	18.11	2.34	17.40	2.41
		17	15	22.00	2.22	21.24	2.29	20.62	2.36	**20.22**	**2.40**	19.90	2.43	19.13	2.50
		20	19	23.19	2.26	22.45	2.33	21.73	2.41	21.31	2.46	20.98	2.49	20.18	2.56
		25	23	25.17	2.34	24.43	2.41	23.58	2.50	23.13	2.55	22.78	2.59	21.92	2.66
		30	28	27.16	2.44	26.32	2.52	25.42	2.59	24.95	2.65	24.58	2.70	23.68	2.76
		35	32	29.15	2.53	28.22	2.62	27.26	2.68	26.77	2.75	26.38	2.80	25.43	2.86
		40	36	30.64	2.60	29.78	2.69	28.83	2.77	28.33	2.82	27.93	2.87	26.92	2.95
		45	41	32.49	2.69	31.72	2.78	30.78	2.87	30.27	2.92	29.86	2.96	28.78	3.05
		47	43	33.24	2.73	32.49	2.82	31.57	2.91	**31.05**	**2.96**	30.64	3.00	29.52	3.09
		50	46	33.33	2.71	32.66	2.79	31.85	2.87	31.39	2.92	31.02	2.95	29.98	3.03
		55	51	33.50	2.68	32.94	2.75	32.33	2.82	31.96	2.85	31.67	2.87	30.73	2.93
		60	56	33.66	2.65	33.22	2.71	32.81	2.76	32.53	2.78	32.31	2.79	31.48	2.84
		63	59	33.76	2.64	33.39	2.68	33.10	2.72	32.87	2.73	32.69	2.75	31.93	2.78
		68	64	33.86	2.62	33.56	2.65	33.39	2.69	33.22	2.69	33.08	2.70	32.39	2.72
	9 + 9 + 12	0	-0.4	17.32	2.28	16.31	2.36	16.30	2.40	15.93	2.42	15.63	2.44	14.97	2.52
		5	4.5	20.28	2.34	19.34	2.42	19.05	2.47	18.64	2.50	18.32	2.52	17.58	2.61
		10	9	22.26	2.39	21.37	2.47	20.89	2.54	20.47	2.57	20.12	2.60	19.33	2.68
		17	15	24.45	2.47	23.60	2.55	22.92	2.62	**22.47**	**2.67**	22.11	2.70	21.26	2.78
		20	19	25.77	2.52	24.95	2.59	24.14	2.68	23.68	2.73	23.31	2.77	22.42	2.85
		25	23	27.97	2.61	27.14	2.68	26.20	2.78	25.70	2.84	25.31	2.88	24.35	2.96
		30	28	30.18	2.71	29.25	2.80	28.24	2.88	27.72	2.95	27.31	3.00	26.31	3.07
		35	32	32.39	2.81	31.36	2.91	30.29	2.98	29.75	3.05	29.31	3.11	28.25	3.18
		40	36	34.04	2.89	33.08	2.99	32.03	3.07	31.48	3.14	31.03	3.19	29.91	3.28
		45	41	36.10	2.99	35.24	3.09	34.20	3.19	33.64	3.25	33.18	3.29	31.98	3.39
		47	43	36.93	3.03	36.10	3.13	35.07	3.23	**34.50**	**3.29**	34.04	3.33	32.80	3.43
		50	46	37.04	3.01	36.29	3.10	35.39	3.19	34.88	3.24	34.47	3.28	33.31	3.37
		55	51	37.22	2.98	36.60	3.06	35.93	3.13	35.51	3.16	35.18	3.19	34.14	3.26
		60	56	37.40	2.95	36.91	3.01	36.46	3.06	36.15	3.09	35.90	3.10	34.98	3.15
		63	59	37.51	2.93	37.10	2.98	36.78	3.02	36.53	3.04	36.33	3.05	35.48	3.09
		68	64	37.62	2.91	37.29	2.95	37.10	2.98	36.91	2.99	36.76	3.00	35.99	3.02
	9 + 12 + 12	0	-0.4	19.05	2.41	17.94	2.50	17.93	2.54	17.52	2.56	17.19	2.58	16.47	2.67
		5	4.5	22.31	2.47	21.27	2.56	20.95	2.61	20.51	2.64	20.15	2.67	19.34	2.76
		10	9	24.49	2.53	23.50	2.62	22.98	2.68	22.51	2.72	22.14	2.75	21.27	2.84
		17	15	26.89	2.61	25.96	2.69	25.21	2.78	**24.71**	**2.82**	24.32	2.86	23.38	2.94
		20	19	28.35	2.66	27.44	2.74	26.56	2.84	26.05	2.89	25.64	2.93	24.67	3.01
		25	23	30.77	2.76	29.86	2.84	28.82	2.94	28.27	3.00	27.84	3.05	26.79	3.13
		30	28	33.20	2.86	32.17	2.96	31.07	3.05	30.50	3.12	30.04	3.17	28.94	3.25
		35	32	35.63	2.97	34.50	3.08	33.32	3.16	32.72	3.23	32.24	3.29	31.08	3.37
		40	36	37.45	3.06	36.39	3.16	35.23	3.25	34.62	3.32	34.13	3.38	32.90	3.46
		45	41	39.72	3.17	38.77	3.27	37.62	3.37	37.00	3.43	36.50	3.48	35.17	3.59
		47	43	40.62	3.21	39.72	3.31	38.58	3.42	**37.95**	**3.48**	37.45	3.53	36.08	3.63
		50	46	40.74	3.19	39.92	3.28	38.93	3.38	38.37	3.43	37.92	3.47	36.64	3.56
		55	51	40.94	3.15	40.26	3.23	39.52	3.31	39.07	3.35	38.70	3.38	37.56	3.45
		60	56	41.14	3.12	40.60	3.18	40.11	3.24	39.76	3.26	39.49	3.28	38.48	3.33
		63	59	41.26	3.10	40.81	3.15	40.46	3.20	40.18	3.21	39.96	3.23	39.03	3.27
		68	64	41.38	3.08	41.02	3.12	40.81	3.16	40.60	3.17	40.44	3.17	39.59	3.20

TC = Total Capacity (kBtu/h).

PI = Power Input (kW).

Nominal capacity as rated: 0 ft. above sea level with 25 ft. of refrigerant piping.
0 ft. level difference between outdoor and indoor units.

Nominal heating capacity rating obtained with air entering the indoor unit at 70°F dry bulb (DB) and 60°F wet bulb (WB), and outdoor ambient conditions of 47°F dry bulb (DB) and 43°F wet bulb (WB).

Due to our policy of continuous product innovation, some specifications may change without notification.
©LG Electronics U.S.A., Inc., Englewood Cliffs, NJ. All rights reserved. "LG" is a registered trademark of LG Corp.

PERFORMANCE DATA

Heating Capacity Tables

Table 105: LMU369HV Heating Capacity Table — Mixed Indoor Units (continued).

Connected Indoor Units	Combination Capacity Index	Outdoor Air Temp.		Indoor Air Temp. °F DB											
		°F	°F	61		64		68		70		72		75	
		DB	WB	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
Three (3) Mixed Indoor Units	12 + 12 + 12	0	-0.4	20.58	2.53	19.38	2.62	19.37	2.66	18.93	2.69	18.58	2.70	17.79	2.80
		5	4.5	24.10	2.59	22.98	2.69	22.64	2.74	22.16	2.77	21.77	2.80	20.90	2.89
		10	9	26.46	2.65	25.39	2.75	24.83	2.81	24.32	2.85	23.92	2.88	22.98	2.97
		17	15	29.05	2.74	28.04	2.82	27.23	2.91	**26.70**	**2.96**	26.27	3.00	25.26	3.09
		20	19	30.62	2.79	29.65	2.88	28.69	2.98	28.14	3.03	27.70	3.08	26.65	3.16
		25	23	33.24	2.89	32.26	2.98	31.13	3.09	30.55	3.15	30.07	3.20	28.94	3.28
		30	28	35.87	3.00	34.76	3.10	33.56	3.20	32.95	3.27	32.46	3.32	31.26	3.41
		35	32	38.49	3.12	37.27	3.23	36.00	3.31	35.35	3.39	34.83	3.45	33.58	3.53
		40	36	40.46	3.21	39.32	3.32	38.07	3.41	37.41	3.48	36.88	3.54	35.54	3.63
		45	41	42.91	3.32	41.88	3.43	40.65	3.54	39.97	3.60	39.43	3.65	38.00	3.76
		47	43	43.89	3.37	42.91	3.48	41.68	3.59	**41.00**	**3.65**	40.46	3.70	38.98	3.81
		50	46	44.02	3.34	43.13	3.44	42.06	3.54	41.45	3.60	40.96	3.64	39.58	3.74
		55	51	44.23	3.31	43.50	3.39	42.69	3.47	42.20	3.51	41.81	3.54	40.58	3.62
		60	56	44.45	3.27	43.87	3.34	43.33	3.40	42.96	3.42	42.66	3.44	41.57	3.50
		63	59	44.58	3.25	44.09	3.30	43.71	3.35	43.41	3.37	43.17	3.39	42.17	3.43
		68	64	44.70	3.23	44.31	3.27	44.09	3.31	43.87	3.32	43.69	3.33	42.77	3.35
	9 + 9 + 18	0	-0.4	20.58	2.53	19.38	2.62	19.37	2.66	18.93	2.69	18.58	2.70	17.79	2.80
		5	4.5	24.10	2.59	22.98	2.69	22.64	2.74	22.16	2.77	21.77	2.80	20.90	2.89
		10	9	26.46	2.65	25.39	2.75	24.83	2.81	24.32	2.85	23.92	2.88	22.98	2.97
		17	15	29.05	2.74	28.04	2.82	27.23	2.91	**26.70**	**2.96**	26.27	3.00	25.26	3.09
		20	19	30.62	2.79	29.65	2.88	28.69	2.98	28.14	3.03	27.70	3.08	26.65	3.16
		25	23	33.24	2.89	32.26	2.98	31.13	3.09	30.55	3.15	30.07	3.20	28.94	3.28
		30	28	35.87	3.00	34.76	3.10	33.56	3.20	32.95	3.27	32.46	3.32	31.26	3.41
		35	32	38.49	3.12	37.27	3.23	36.00	3.31	35.35	3.39	34.83	3.45	33.58	3.53
		40	36	40.46	3.21	39.32	3.32	38.07	3.41	37.41	3.48	36.88	3.54	35.54	3.63
		45	41	42.91	3.32	41.88	3.43	40.65	3.54	39.97	3.60	39.43	3.65	38.00	3.76
		47	43	43.89	3.37	42.91	3.48	41.68	3.59	**41.00**	**3.65**	40.46	3.70	38.98	3.81
		50	46	44.02	3.34	43.13	3.44	42.06	3.54	41.45	3.60	40.96	3.64	39.58	3.74
		55	51	44.23	3.31	43.50	3.39	42.69	3.47	42.20	3.51	41.81	3.54	40.58	3.62
		60	56	44.45	3.27	43.87	3.34	43.33	3.40	42.96	3.42	42.66	3.44	41.57	3.50
		63	59	44.58	3.25	44.09	3.30	43.71	3.35	43.41	3.37	43.17	3.39	42.17	3.43
		68	64	44.70	3.23	44.31	3.27	44.09	3.31	43.87	3.32	43.69	3.33	42.77	3.35
	9 + 12 + 18	0	-0.4	20.58	2.53	19.38	2.62	19.37	2.66	18.93	2.69	18.58	2.70	17.79	2.80
		5	4.5	24.10	2.59	22.98	2.69	22.64	2.74	22.16	2.77	21.77	2.80	20.90	2.89
		10	9	26.46	2.65	25.39	2.75	24.83	2.81	24.32	2.85	23.92	2.88	22.98	2.97
		17	15	29.05	2.74	28.04	2.82	27.23	2.91	**26.70**	**2.96**	26.27	3.00	25.26	3.09
		20	19	30.62	2.79	29.65	2.88	28.69	2.98	28.14	3.03	27.70	3.08	26.65	3.16
		25	23	33.24	2.89	32.26	2.98	31.13	3.09	30.55	3.15	30.07	3.20	28.94	3.28
		30	28	35.87	3.00	34.76	3.10	33.56	3.20	32.95	3.27	32.46	3.32	31.26	3.41
		35	32	38.49	3.12	37.27	3.23	36.00	3.31	35.35	3.39	34.83	3.45	33.58	3.53
		40	36	40.46	3.21	39.32	3.32	38.07	3.41	37.41	3.48	36.88	3.54	35.54	3.63
		45	41	42.91	3.32	41.88	3.43	40.65	3.54	39.97	3.60	39.43	3.65	38.00	3.76
		47	43	43.89	3.37	42.91	3.48	41.68	3.59	**41.00**	**3.65**	40.46	3.70	38.98	3.81
		50	46	44.02	3.34	43.13	3.44	42.06	3.54	41.45	3.60	40.96	3.64	39.58	3.74
		55	51	44.23	3.31	43.50	3.39	42.69	3.47	42.20	3.51	41.81	3.54	40.58	3.62
		60	56	44.45	3.27	43.87	3.34	43.33	3.40	42.96	3.42	42.66	3.44	41.57	3.50
		63	59	44.58	3.25	44.09	3.30	43.71	3.35	43.41	3.37	43.17	3.39	42.17	3.43
		68	64	44.70	3.23	44.31	3.27	44.09	3.31	43.87	3.32	43.69	3.33	42.77	3.35

TC = Total Capacity (kBtu/h).

PI = Power Input (kW).

Nominal capacity as rated: 0 ft. above sea level with 25 ft. of refrigerant piping.
0 ft. level difference between outdoor and indoor units.

Nominal heating capacity rating obtained with air entering the indoor unit at 70°F dry bulb (DB) and 60°F wet bulb (WB), and outdoor ambient conditions of 47°F dry bulb (DB) and 43°F wet bulb (WB).

Due to our policy of continuous product innovation, some specifications may change without notification.
©LG Electronics U.S.A., Inc., Englewood Cliffs, NJ. All rights reserved. "LG" is a registered trademark of LG Corp.

Table 106: LMU369HV Heating Capacity Table — Mixed Indoor Units (continued).

Connected Indoor Units	Combination Capacity Index	Outdoor Air Temp.		Indoor Air Temp. °F DB											
		°F	°F	61		64		68		70		72		75	
		DB	WB	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
Three (3) Mixed Indoor Units	12 + 12 + 18	0	-0.4	20.58	2.53	19.38	2.62	19.37	2.66	18.93	2.69	18.58	2.70	17.79	2.80
		5	4.5	24.10	2.59	22.98	2.69	22.64	2.74	22.16	2.77	21.77	2.80	20.90	2.89
		10	9	26.46	2.65	25.39	2.75	24.83	2.81	24.32	2.85	23.92	2.88	22.98	2.97
		17	15	29.05	2.74	28.04	2.82	27.23	2.91	**26.70**	**2.96**	26.27	3.00	25.26	3.09
		20	19	30.62	2.79	29.65	2.88	28.69	2.98	28.14	3.03	27.70	3.08	26.65	3.16
		25	23	33.24	2.89	32.26	2.98	31.13	3.09	30.55	3.15	30.07	3.20	28.94	3.28
		30	28	35.87	3.00	34.76	3.10	33.56	3.20	32.95	3.27	32.46	3.32	31.26	3.41
		35	32	38.49	3.12	37.27	3.23	36.00	3.31	35.35	3.39	34.83	3.45	33.58	3.53
		40	36	40.46	3.21	39.32	3.32	38.07	3.41	37.41	3.48	36.88	3.54	35.54	3.63
		45	41	42.91	3.32	41.88	3.43	40.65	3.54	39.97	3.60	39.43	3.65	38.00	3.76
		47	43	43.89	3.37	42.91	3.48	41.68	3.59	**41.00**	**3.65**	40.46	3.70	38.98	3.81
		50	46	44.02	3.34	43.13	3.44	42.06	3.54	41.45	3.60	40.96	3.64	39.58	3.74
		55	51	44.23	3.31	43.50	3.39	42.69	3.47	42.20	3.51	41.81	3.54	40.58	3.62
		60	56	44.45	3.27	43.87	3.34	43.33	3.40	42.96	3.42	42.66	3.44	41.57	3.50
		63	59	44.58	3.25	44.09	3.30	43.71	3.35	43.41	3.37	43.17	3.39	42.17	3.43
		68	64	44.70	3.23	44.31	3.27	44.09	3.31	43.87	3.32	43.69	3.33	42.77	3.35
	9 + 18 + 18	0	-0.4	20.58	2.53	19.38	2.62	19.37	2.66	18.93	2.69	18.58	2.70	17.79	2.80
		5	4.5	24.10	2.59	22.98	2.69	22.64	2.74	22.16	2.77	21.77	2.80	20.90	2.89
		10	9	26.46	2.65	25.39	2.75	24.83	2.81	24.32	2.85	23.92	2.88	22.98	2.97
		17	15	29.05	2.74	28.04	2.82	27.23	2.91	**26.70**	**2.96**	26.27	3.00	25.26	3.09
		20	19	30.62	2.79	29.65	2.88	28.69	2.98	28.14	3.03	27.70	3.08	26.65	3.16
		25	23	33.24	2.89	32.26	2.98	31.13	3.09	30.55	3.15	30.07	3.20	28.94	3.28
		30	28	35.87	3.00	34.76	3.10	33.56	3.20	32.95	3.27	32.46	3.32	31.26	3.41
		35	32	38.49	3.12	37.27	3.23	36.00	3.31	35.35	3.39	34.83	3.45	33.58	3.53
		40	36	40.46	3.21	39.32	3.32	38.07	3.41	37.41	3.48	36.88	3.54	35.54	3.63
		45	41	42.91	3.32	41.88	3.43	40.65	3.54	39.97	3.60	39.43	3.65	38.00	3.76
		47	43	43.89	3.37	42.91	3.48	41.68	3.59	**41.00**	**3.65**	40.46	3.70	38.98	3.81
		50	46	44.02	3.34	43.13	3.44	42.06	3.54	41.45	3.60	40.96	3.64	39.58	3.74
		55	51	44.23	3.31	43.50	3.39	42.69	3.47	42.20	3.51	41.81	3.54	40.58	3.62
		60	56	44.45	3.27	43.87	3.34	43.33	3.40	42.96	3.42	42.66	3.44	41.57	3.50
		63	59	44.58	3.25	44.09	3.30	43.71	3.35	43.41	3.37	43.17	3.39	42.17	3.43
		68	64	44.70	3.23	44.31	3.27	44.09	3.31	43.87	3.32	43.69	3.33	42.77	3.35
	12 + 18 + 18	0	-0.4	20.58	2.53	19.38	2.62	19.37	2.66	18.93	2.69	18.58	2.70	17.79	2.80
		5	4.5	24.10	2.59	22.98	2.69	22.64	2.74	22.16	2.77	21.77	2.80	20.90	2.89
		10	9	26.46	2.65	25.39	2.75	24.83	2.81	24.32	2.85	23.92	2.88	22.98	2.97
		17	15	29.05	2.74	28.04	2.82	27.23	2.91	**26.70**	**2.96**	26.27	3.00	25.26	3.09
		20	19	30.62	2.79	29.65	2.88	28.69	2.98	28.14	3.03	27.70	3.08	26.65	3.16
		25	23	33.24	2.89	32.26	2.98	31.13	3.09	30.55	3.15	30.07	3.20	28.94	3.28
		30	28	35.87	3.00	34.76	3.10	33.56	3.20	32.95	3.27	32.46	3.32	31.26	3.41
		35	32	38.49	3.12	37.27	3.23	36.00	3.31	35.35	3.39	34.83	3.45	33.58	3.53
		40	36	40.46	3.21	39.32	3.32	38.07	3.41	37.41	3.48	36.88	3.54	35.54	3.63
		45	41	42.91	3.32	41.88	3.43	40.65	3.54	39.97	3.60	39.43	3.65	38.00	3.76
		47	43	43.89	3.37	42.91	3.48	41.68	3.59	**41.00**	**3.65**	40.46	3.70	38.98	3.81
		50	46	44.02	3.34	43.13	3.44	42.06	3.54	41.45	3.60	40.96	3.64	39.58	3.74
		55	51	44.23	3.31	43.50	3.39	42.69	3.47	42.20	3.51	41.81	3.54	40.58	3.62
		60	56	44.45	3.27	43.87	3.34	43.33	3.40	42.96	3.42	42.66	3.44	41.57	3.50
		63	59	44.58	3.25	44.09	3.30	43.71	3.35	43.41	3.37	43.17	3.39	42.17	3.43
		68	64	44.70	3.23	44.31	3.27	44.09	3.31	43.87	3.32	43.69	3.33	42.77	3.35

TC = Total Capacity (kBtu/h).

PI = Power Input (kW).

Nominal capacity as rated: 0 ft. above sea level with 25 ft. of refrigerant piping.
0 ft. level difference between outdoor and indoor units.

Nominal heating capacity rating obtained with air entering the indoor unit at 70°F dry bulb (DB) and 60°F wet bulb (WB), and outdoor ambient conditions of 47°F dry bulb (DB) and 43°F wet bulb (WB).

Due to our policy of continuous product innovation, some specifications may change without notification.
©LG Electronics U.S.A., Inc., Englewood Cliffs, NJ. All rights reserved. "LG" is a registered trademark of LG Corp.

PERFORMANCE DATA

Heating Capacity Tables

Table 107: LMU369HV Heating Capacity Table — Mixed Indoor Units (continued).

Connected Indoor Units	Combination Capacity Index	Outdoor Air Temp.		Indoor Air Temp. °F DB											
		°F	°F	61		64		68		70		72		75	
		DB	WB	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
Four (4) Mixed Indoor Units	9 + 9 + 9 + 9	0	-0.4	20.58	2.53	19.38	2.62	19.37	2.66	18.93	2.69	18.58	2.70	17.79	2.80
		5	4.5	24.10	2.59	22.98	2.69	22.64	2.74	22.16	2.77	21.77	2.80	20.90	2.89
		10	9	26.46	2.65	25.39	2.75	24.83	2.81	24.32	2.85	23.92	2.88	22.98	2.97
		17	15	29.05	2.74	28.04	2.82	27.23	2.91	**26.70**	**2.96**	26.27	3.00	25.26	3.09
		20	19	30.62	2.79	29.65	2.88	28.69	2.98	28.14	3.03	27.70	3.08	26.65	3.16
		25	23	33.24	2.89	32.26	2.98	31.13	3.09	30.55	3.15	30.07	3.20	28.94	3.28
		30	28	35.87	3.00	34.76	3.10	33.56	3.20	32.95	3.27	32.46	3.32	31.26	3.41
		35	32	38.49	3.12	37.27	3.23	36.00	3.31	35.35	3.39	34.83	3.45	33.58	3.53
		40	36	40.46	3.21	39.32	3.32	38.07	3.41	37.41	3.48	36.88	3.54	35.54	3.63
		45	41	42.91	3.32	41.88	3.43	40.65	3.54	39.97	3.60	39.43	3.65	38.00	3.76
		47	43	43.89	3.37	42.91	3.48	41.68	3.59	**41.00**	**3.65**	40.46	3.70	38.98	3.81
		50	46	44.02	3.34	43.13	3.44	42.06	3.54	41.45	3.60	40.96	3.64	39.58	3.74
		55	51	44.23	3.31	43.50	3.39	42.69	3.47	42.20	3.51	41.81	3.54	40.58	3.62
		60	56	44.45	3.27	43.87	3.34	43.33	3.40	42.96	3.42	42.66	3.44	41.57	3.50
		63	59	44.58	3.25	44.09	3.30	43.71	3.35	43.41	3.37	43.17	3.39	42.17	3.43
		68	64	44.70	3.23	44.31	3.27	44.09	3.31	43.87	3.32	43.69	3.33	42.77	3.35
	9 + 9 + 9 + 12	0	-0.4	20.58	2.53	19.38	2.62	19.37	2.66	18.93	2.69	18.58	2.70	17.79	2.80
		5	4.5	24.10	2.59	22.98	2.69	22.64	2.74	22.16	2.77	21.77	2.80	20.90	2.89
		10	9	26.46	2.65	25.39	2.75	24.83	2.81	24.32	2.85	23.92	2.88	22.98	2.97
		17	15	29.05	2.74	28.04	2.82	27.23	2.91	**26.70**	**2.96**	26.27	3.00	25.26	3.09
		20	19	30.62	2.79	29.65	2.88	28.69	2.98	28.14	3.03	27.70	3.08	26.65	3.16
		25	23	33.24	2.89	32.26	2.98	31.13	3.09	30.55	3.15	30.07	3.20	28.94	3.28
		30	28	35.87	3.00	34.76	3.10	33.56	3.20	32.95	3.27	32.46	3.32	31.26	3.41
		35	32	38.49	3.12	37.27	3.23	36.00	3.31	35.35	3.39	34.83	3.45	33.58	3.53
		40	36	40.46	3.21	39.32	3.32	38.07	3.41	37.41	3.48	36.88	3.54	35.54	3.63
		45	41	42.91	3.32	41.88	3.43	40.65	3.54	39.97	3.60	39.43	3.65	38.00	3.76
		47	43	43.89	3.37	42.91	3.48	41.68	3.59	**41.00**	**3.65**	40.46	3.70	38.98	3.81
		50	46	44.02	3.34	43.13	3.44	42.06	3.54	41.45	3.60	40.96	3.64	39.58	3.74
		55	51	44.23	3.31	43.50	3.39	42.69	3.47	42.20	3.51	41.81	3.54	40.58	3.62
		60	56	44.45	3.27	43.87	3.34	43.33	3.40	42.96	3.42	42.66	3.44	41.57	3.50
		63	59	44.58	3.25	44.09	3.30	43.71	3.35	43.41	3.37	43.17	3.39	42.17	3.43
		68	64	44.70	3.23	44.31	3.27	44.09	3.31	43.87	3.32	43.69	3.33	42.77	3.35
	9 + 9 + 12 + 12	0	-0.4	20.58	2.53	19.38	2.62	19.37	2.66	18.93	2.69	18.58	2.70	17.79	2.80
		5	4.5	24.10	2.59	22.98	2.69	22.64	2.74	22.16	2.77	21.77	2.80	20.90	2.89
		10	9	26.46	2.65	25.39	2.75	24.83	2.81	24.32	2.85	23.92	2.88	22.98	2.97
		17	15	29.05	2.74	28.04	2.82	27.23	2.91	**26.70**	**2.96**	26.27	3.00	25.26	3.09
		20	19	30.62	2.79	29.65	2.88	28.69	2.98	28.14	3.03	27.70	3.08	26.65	3.16
		25	23	33.24	2.89	32.26	2.98	31.13	3.09	30.55	3.15	30.07	3.20	28.94	3.28
		30	28	35.87	3.00	34.76	3.10	33.56	3.20	32.95	3.27	32.46	3.32	31.26	3.41
		35	32	38.49	3.12	37.27	3.23	36.00	3.31	35.35	3.39	34.83	3.45	33.58	3.53
		40	36	40.46	3.21	39.32	3.32	38.07	3.41	37.41	3.48	36.88	3.54	35.54	3.63
		45	41	42.91	3.32	41.88	3.43	40.65	3.54	39.97	3.60	39.43	3.65	38.00	3.76
		47	43	43.89	3.37	42.91	3.48	41.68	3.59	**41.00**	**3.65**	40.46	3.70	38.98	3.81
		50	46	44.02	3.34	43.13	3.44	42.06	3.54	41.45	3.60	40.96	3.64	39.58	3.74
		55	51	44.23	3.31	43.50	3.39	42.69	3.47	42.20	3.51	41.81	3.54	40.58	3.62
		60	56	44.45	3.27	43.87	3.34	43.33	3.40	42.96	3.42	42.66	3.44	41.57	3.50
		63	59	44.58	3.25	44.09	3.30	43.71	3.35	43.41	3.37	43.17	3.39	42.17	3.43
		68	64	44.70	3.23	44.31	3.27	44.09	3.31	43.87	3.32	43.69	3.33	42.77	3.35

TC = Total Capacity (kBtu/h).

PI = Power Input (kW).

Nominal capacity as rated: 0 ft. above sea level with 25 ft. of refrigerant piping.
0 ft. level difference between outdoor and indoor units.

Nominal heating capacity rating obtained with air entering the indoor unit at 70°F dry bulb (DB) and 60°F wet bulb (WB), and outdoor ambient conditions of 47°F dry bulb (DB) and 43°F wet bulb (WB).

Due to our policy of continuous product innovation, some specifications may change without notification.
©LG Electronics U.S.A., Inc., Englewood Cliffs, NJ. All rights reserved. "LG" is a registered trademark of LG Corp.

PERFORMANCE DATA

Heating Capacity Tables

Table 108: LMU369HV Heating Capacity Table — Mixed Indoor Units (continued).

Connected Indoor Units	Combination Capacity Index	Outdoor Air Temp.		Indoor Air Temp. °F DB											
		°F	°F	61		64		68		70		72		75	
		DB	WB	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
Four (4) Mixed Indoor Units	9 + 12 + 12 + 12	0	-0.4	20.58	2.53	19.38	2.62	19.37	2.66	18.93	2.69	18.58	2.70	17.79	2.80
		5	4.5	24.10	2.59	22.98	2.69	22.64	2.74	22.16	2.77	21.77	2.80	20.90	2.89
		10	9	26.46	2.65	25.39	2.75	24.83	2.81	24.32	2.85	23.92	2.88	22.98	2.97
		17	15	29.05	2.74	28.04	2.82	27.23	2.91	**26.70**	**2.96**	26.27	3.00	25.26	3.09
		20	19	30.62	2.79	29.65	2.88	28.69	2.98	28.14	3.03	27.70	3.08	26.65	3.16
		25	23	33.24	2.89	32.26	2.98	31.13	3.09	30.55	3.15	30.07	3.20	28.94	3.28
		30	28	35.87	3.00	34.76	3.10	33.56	3.20	32.95	3.27	32.46	3.32	31.26	3.41
		35	32	38.49	3.12	37.27	3.23	36.00	3.31	35.35	3.39	34.83	3.45	33.58	3.53
		40	36	40.46	3.21	39.32	3.32	38.07	3.41	37.41	3.48	36.88	3.54	35.54	3.63
		45	41	42.91	3.32	41.88	3.43	40.65	3.54	39.97	3.60	39.43	3.65	38.00	3.76
		47	43	43.89	3.37	42.91	3.48	41.68	3.59	**41.00**	**3.65**	40.46	3.70	38.98	3.81
		50	46	44.02	3.34	43.13	3.44	42.06	3.54	41.45	3.60	40.96	3.64	39.58	3.74
		55	51	44.23	3.31	43.50	3.39	42.69	3.47	42.20	3.51	41.81	3.54	40.58	3.62
		60	56	44.45	3.27	43.87	3.34	43.33	3.40	42.96	3.42	42.66	3.44	41.57	3.50
		63	59	44.58	3.25	44.09	3.30	43.71	3.35	43.41	3.37	43.17	3.39	42.17	3.43
		68	64	44.70	3.23	44.31	3.27	44.09	3.31	43.87	3.32	43.69	3.33	42.77	3.35
	9 + 9 + 9 + 18	0	-0.4	20.58	2.53	19.38	2.62	19.37	2.66	18.93	2.69	18.58	2.70	17.79	2.80
		5	4.5	24.10	2.59	22.98	2.69	22.64	2.74	22.16	2.77	21.77	2.80	20.90	2.89
		10	9	26.46	2.65	25.39	2.75	24.83	2.81	24.32	2.85	23.92	2.88	22.98	2.97
		17	15	29.05	2.74	28.04	2.82	27.23	2.91	**26.70**	**2.96**	26.27	3.00	25.26	3.09
		20	19	30.62	2.79	29.65	2.88	28.69	2.98	28.14	3.03	27.70	3.08	26.65	3.16
		25	23	33.24	2.89	32.26	2.98	31.13	3.09	30.55	3.15	30.07	3.20	28.94	3.28
		30	28	35.87	3.00	34.76	3.10	33.56	3.20	32.95	3.27	32.46	3.32	31.26	3.41
		35	32	38.49	3.12	37.27	3.23	36.00	3.31	35.35	3.39	34.83	3.45	33.58	3.53
		40	36	40.46	3.21	39.32	3.32	38.07	3.41	37.41	3.48	36.88	3.54	35.54	3.63
		45	41	42.91	3.32	41.88	3.43	40.65	3.54	39.97	3.60	39.43	3.65	38.00	3.76
		47	43	43.89	3.37	42.91	3.48	41.68	3.59	**41.00**	**3.65**	40.46	3.70	38.98	3.81
		50	46	44.02	3.34	43.13	3.44	42.06	3.54	41.45	3.60	40.96	3.64	39.58	3.74
		55	51	44.23	3.31	43.50	3.39	42.69	3.47	42.20	3.51	41.81	3.54	40.58	3.62
		60	56	44.45	3.27	43.87	3.34	43.33	3.40	42.96	3.42	42.66	3.44	41.57	3.50
		63	59	44.58	3.25	44.09	3.30	43.71	3.35	43.41	3.37	43.17	3.39	42.17	3.43
		68	64	44.70	3.23	44.31	3.27	44.09	3.31	43.87	3.32	43.69	3.33	42.77	3.35
	9 + 9 + 12 + 18	0	-0.4	20.58	2.53	19.38	2.62	19.37	2.66	18.93	2.69	18.58	2.70	17.79	2.80
		5	4.5	24.10	2.59	22.98	2.69	22.64	2.74	22.16	2.77	21.77	2.80	20.90	2.89
		10	9	26.46	2.65	25.39	2.75	24.83	2.81	24.32	2.85	23.92	2.88	22.98	2.97
		17	15	29.05	2.74	28.04	2.82	27.23	2.91	**26.70**	**2.96**	26.27	3.00	25.26	3.09
		20	19	30.62	2.79	29.65	2.88	28.69	2.98	28.14	3.03	27.70	3.08	26.65	3.16
		25	23	33.24	2.89	32.26	2.98	31.13	3.09	30.55	3.15	30.07	3.20	28.94	3.28
		30	28	35.87	3.00	34.76	3.10	33.56	3.20	32.95	3.27	32.46	3.32	31.26	3.41
		35	32	38.49	3.12	37.27	3.23	36.00	3.31	35.35	3.39	34.83	3.45	33.58	3.53
		40	36	40.46	3.21	39.32	3.32	38.07	3.41	37.41	3.48	36.88	3.54	35.54	3.63
		45	41	42.91	3.32	41.88	3.43	40.65	3.54	39.97	3.60	39.43	3.65	38.00	3.76
		47	43	43.89	3.37	42.91	3.48	41.68	3.59	**41.00**	**3.65**	40.46	3.70	38.98	3.81
		50	46	44.02	3.34	43.13	3.44	42.06	3.54	41.45	3.60	40.96	3.64	39.58	3.74
		55	51	44.23	3.31	43.50	3.39	42.69	3.47	42.20	3.51	41.81	3.54	40.58	3.62
		60	56	44.45	3.27	43.87	3.34	43.33	3.40	42.96	3.42	42.66	3.44	41.57	3.50
		63	59	44.58	3.25	44.09	3.30	43.71	3.35	43.41	3.37	43.17	3.39	42.17	3.43
		68	64	44.70	3.23	44.31	3.27	44.09	3.31	43.87	3.32	43.69	3.33	42.77	3.35

TC = Total Capacity (kBtu/h).

PI = Power Input (kW).

Nominal capacity as rated: 0 ft. above sea level with 25 ft. of refrigerant piping.
0 ft. level difference between outdoor and indoor units.

Nominal heating capacity rating obtained with air entering the indoor unit at 70°F dry bulb (DB) and 60°F wet bulb (WB), and outdoor ambient conditions of 47°F dry bulb (DB) and 43°F wet bulb (WB).

Due to our policy of continuous product innovation, some specifications may change without notification.
©LG Electronics U.S.A., Inc., Englewood Cliffs, NJ. All rights reserved. "LG" is a registered trademark of LG Corp.

PERFORMANCE DATA

Heating Capacity Tables

Table 109: LMU369HV Heating Capacity Table — Mixed Indoor Units (continued).

Connected Indoor Units	Combination Capacity Index	Outdoor Air Temp.		Indoor Air Temp. °F DB											
		°F	°F	61		64		68		70		72		75	
		DB	WB	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
Four (4) Mixed Indoor Units	12 + 12 + 12 + 12	0	-0.4	20.58	2.53	19.38	2.62	19.37	2.66	18.93	2.69	18.58	2.70	17.79	2.80
		5	4.5	24.10	2.59	22.98	2.69	22.64	2.74	22.16	2.77	21.77	2.80	20.90	2.89
		10	9	26.46	2.65	25.39	2.75	24.83	2.81	24.32	2.85	23.92	2.88	22.98	2.97
		17	15	29.05	2.74	28.04	2.82	27.23	2.91	**26.70**	**2.96**	26.27	3.00	25.26	3.09
		20	19	30.62	2.79	29.65	2.88	28.69	2.98	28.14	3.03	27.70	3.08	26.65	3.16
		25	23	33.24	2.89	32.26	2.98	31.13	3.09	30.55	3.15	30.07	3.20	28.94	3.28
		30	28	35.87	3.00	34.76	3.10	33.56	3.20	32.95	3.27	32.46	3.32	31.26	3.41
		35	32	38.49	3.12	37.27	3.23	36.00	3.31	35.35	3.39	34.83	3.45	33.58	3.53
		40	36	40.46	3.21	39.32	3.32	38.07	3.41	37.41	3.48	36.88	3.54	35.54	3.63
		45	41	42.91	3.32	41.88	3.43	40.65	3.54	39.97	3.60	39.43	3.65	38.00	3.76
		47	43	43.89	3.37	42.91	3.48	41.68	3.59	**41.00**	**3.65**	40.46	3.70	38.98	3.81
		50	46	44.02	3.34	43.13	3.44	42.06	3.54	41.45	3.60	40.96	3.64	39.58	3.74
		55	51	44.23	3.31	43.50	3.39	42.69	3.47	42.20	3.51	41.81	3.54	40.58	3.62
		60	56	44.45	3.27	43.87	3.34	43.33	3.40	42.96	3.42	42.66	3.44	41.57	3.50
		63	59	44.58	3.25	44.09	3.30	43.71	3.35	43.41	3.37	43.17	3.39	42.17	3.43
		68	64	44.70	3.23	44.31	3.27	44.09	3.31	43.87	3.32	43.69	3.33	42.77	3.35

TC = Total Capacity (kBtu/h).

PI = Power Input (kW).

Nominal capacity as rated: 0 ft. above sea level with 25 ft. of refrigerant piping.
0 ft. level difference between outdoor and indoor units.

Nominal heating capacity rating obtained with air entering the indoor unit at 70ºF dry bulb (DB) and 60ºF wet bulb (WB), and outdoor ambient conditions of 47ºF dry bulb (DB) and 43ºF wet bulb (WB).

Due to our policy of continuous product innovation, some specifications may change without notification.
©LG Electronics U.S.A., Inc., Englewood Cliffs, NJ. All rights reserved. "LG" is a registered trademark of LG Corp.

MULTI F OUTDOOR UNIT

Electrical and Acoustic Data

Electrical Data

Table 110: Electrical Data.

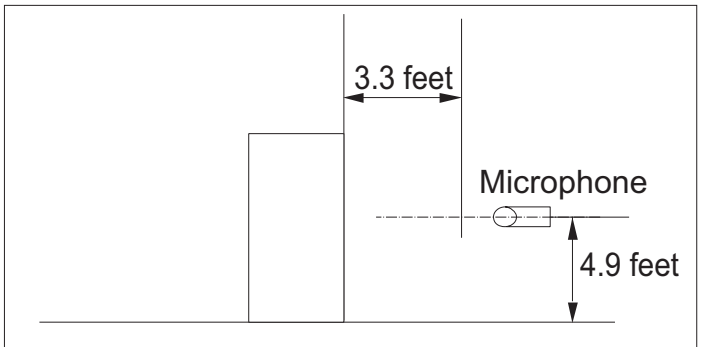
Nominal Tons	Unit Model No.	Hertz	Voltage	Voltage Range (Min. to Max.)	MCA	MOP	Compressor Quantity	Compressor Motor RLA	Condenser Fan Motor(s)	
									Condenser Fan Quantity.	Condenser Fan Motor FLA
1.5	LMU187HV	60	208 - 230	187 - 253	11.0	15	1	8.2	1	0.40
2	LMU247HV				15.4	25	1	11.6	1	0.40
3	LMU369HV				16.8	25	1	12.1	2	0.55 x 2

Voltage tolerance is ±10%.
Maximum allowable voltage unbalance is 2%.
RLA = Rated Load Amps.

MCA = Minimum Circuit Ampacity.
Maximum Overcurrent Protection (MOP) is calculated as follows:
(Largest motor FLA x 2.25) + (Sum of other motor FLA) rounded down to the nearest standard fuse size.

Acoustic Data

Figure 9: Acoustic Measurement Location.



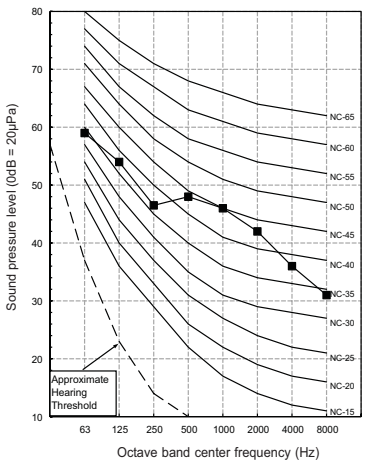
- Measurement taken 4.9' above finished floor, and at a distance of 3.3' from face of unit.
- Measurements taken with no attenuation and units operating at full load normal operating condition.
- Sound level will vary depending on a range of factors such as construction (acoustic absorption coefficient) of particular area in which the equipment is installed.
- Sound level may be increased in static pressure mode or if air guide is used.
- Sound pressure levels are measured in dB(A)±3.
- Tested in anechoic chamber per ISO Standard 3745.

Table 111: Sound Pressure Levels (dB[A]).

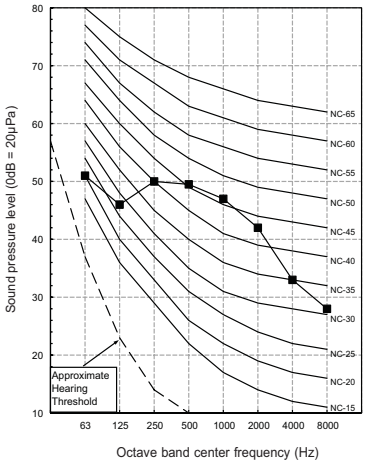
Model No.	Sound Pressure Level (dB[A])
LMU187HV	51
LMU247HV	51
LMU369HV	57

Figure 10: Sound Pressure Level Diagrams.

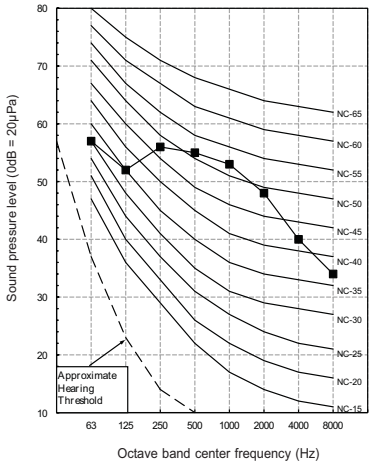
LMU187HV



LMU247HV



LMU369HV



Due to our policy of continuous product innovation, some specifications may change without notification.
©LG Electronics U.S.A., Inc., Englewood Cliffs, NJ. All rights reserved. "LG" is a registered trademark of LG Corp.

MULTI F OUTDOOR UNIT

Refrigerant Flow Diagram

Figure 11: LMU187HV Refrigerant Flow Diagram.

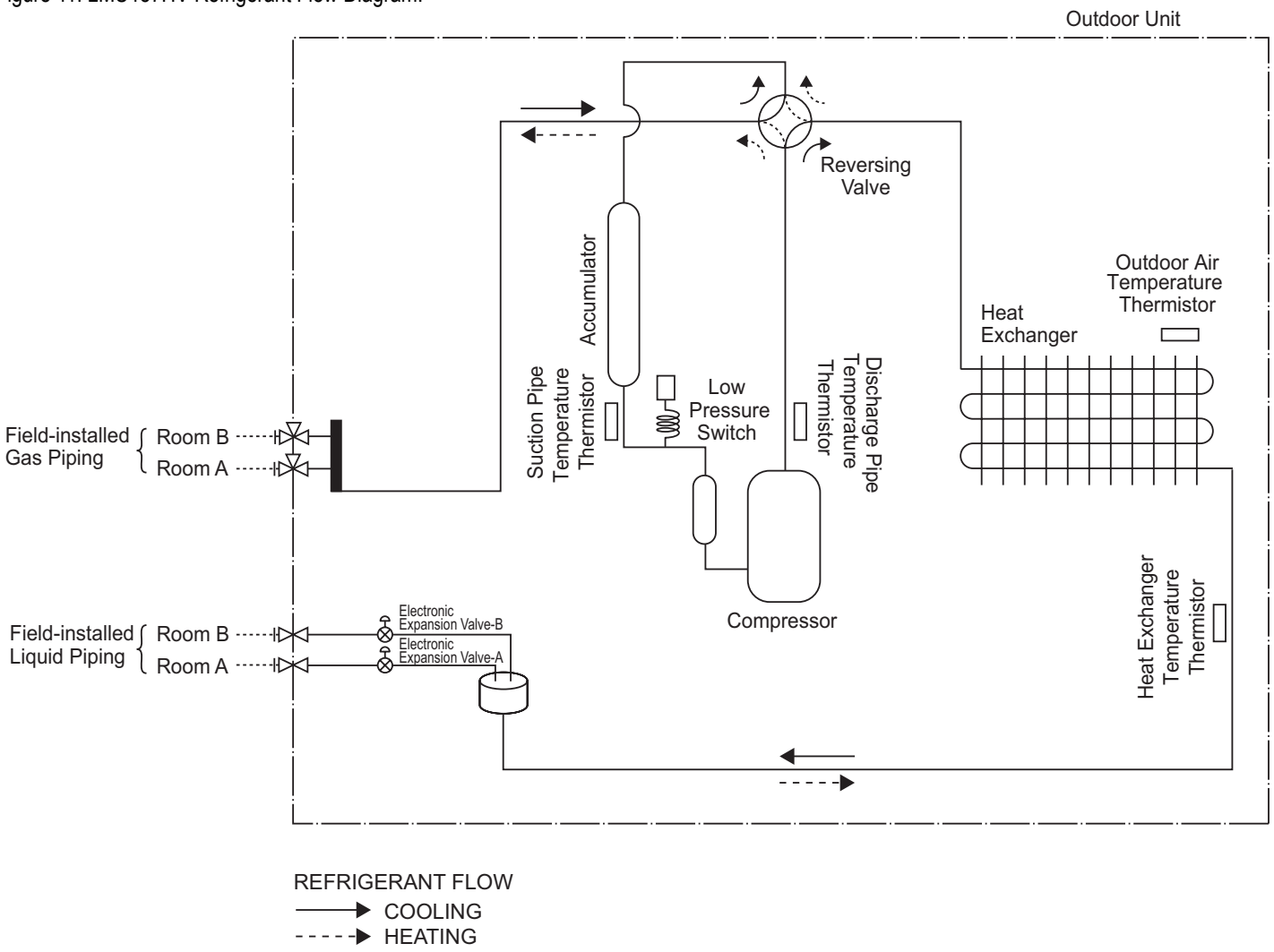


Table 112: LMU187HV Thermistor Details.

Description	PCB Connector
Outdoor Air Temperature Thermistor	CN-TH2
Heat Exchanger Temperature Thermistor	
Discharge Pipe Temperature Thermistor	CN-TH3
Suction Pipe Temperature Thermistor	

Due to our policy of continuous product innovation, some specifications may change without notification.
©LG Electronics U.S.A., Inc., Englewood Cliffs, NJ. All rights reserved. "LG" is a registered trademark of LG Corp.

Figure 12: LMU247HV Refrigerant Flow Diagram.

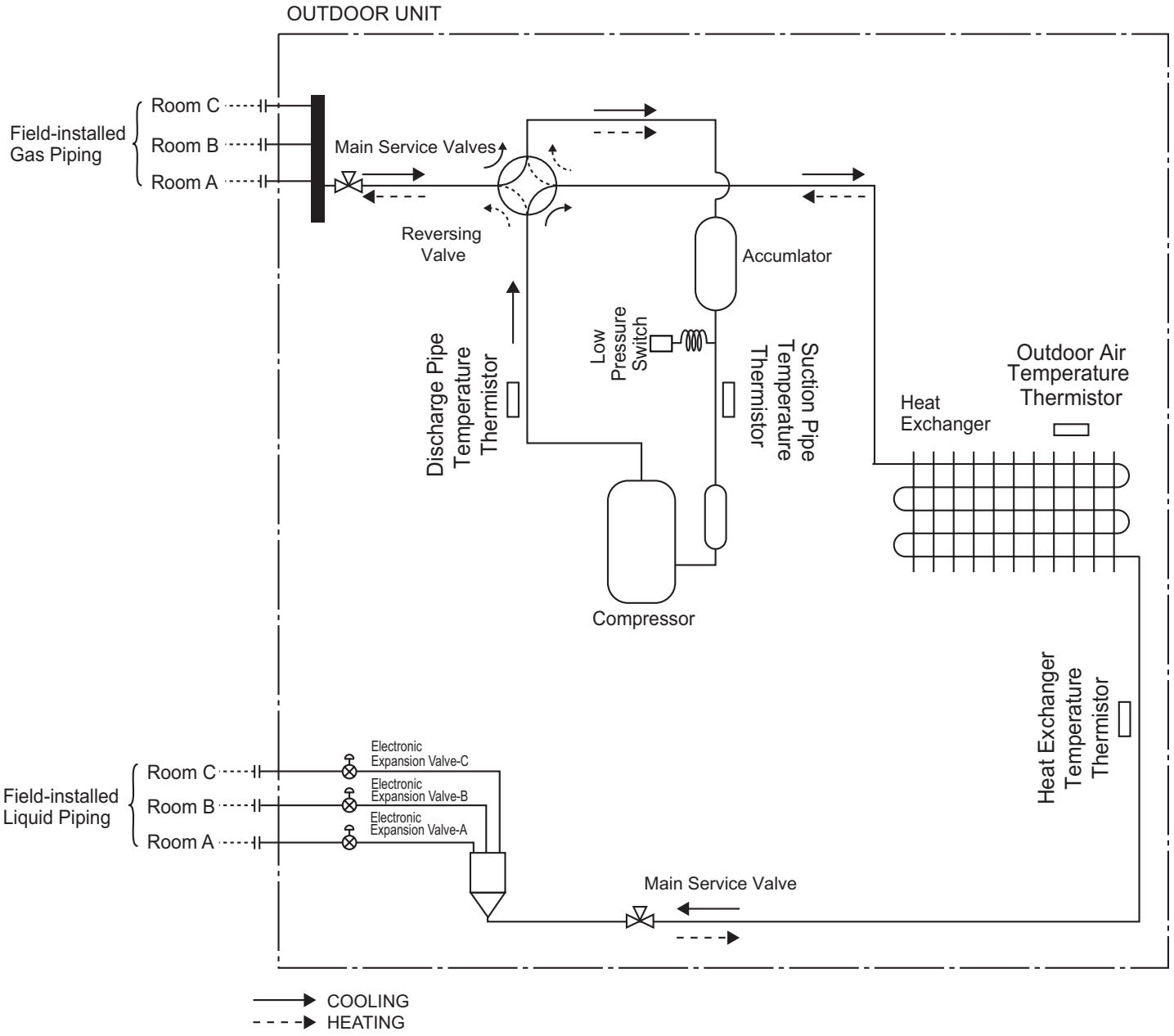


Table 113: LMU247HV Thermistor Details.

Description	PCB Connector
Outdoor Air Temperature Thermistor	CN-TH2
Heat Exchanger Temperature Thermistor	
Discharge Pipe Temperature Thermistor	CN-TH3
Suction Pipe Temperature Thermistor	

Due to our policy of continuous product innovation, some specifications may change without notification.
©LG Electronics U.S.A., Inc., Englewood Cliffs, NJ. All rights reserved. "LG" is a registered trademark of LG Corp.

MULTI F OUTDOOR UNIT

Refrigerant Flow Diagram

Figure 13: LMU369HV Refrigerant Flow Diagram.

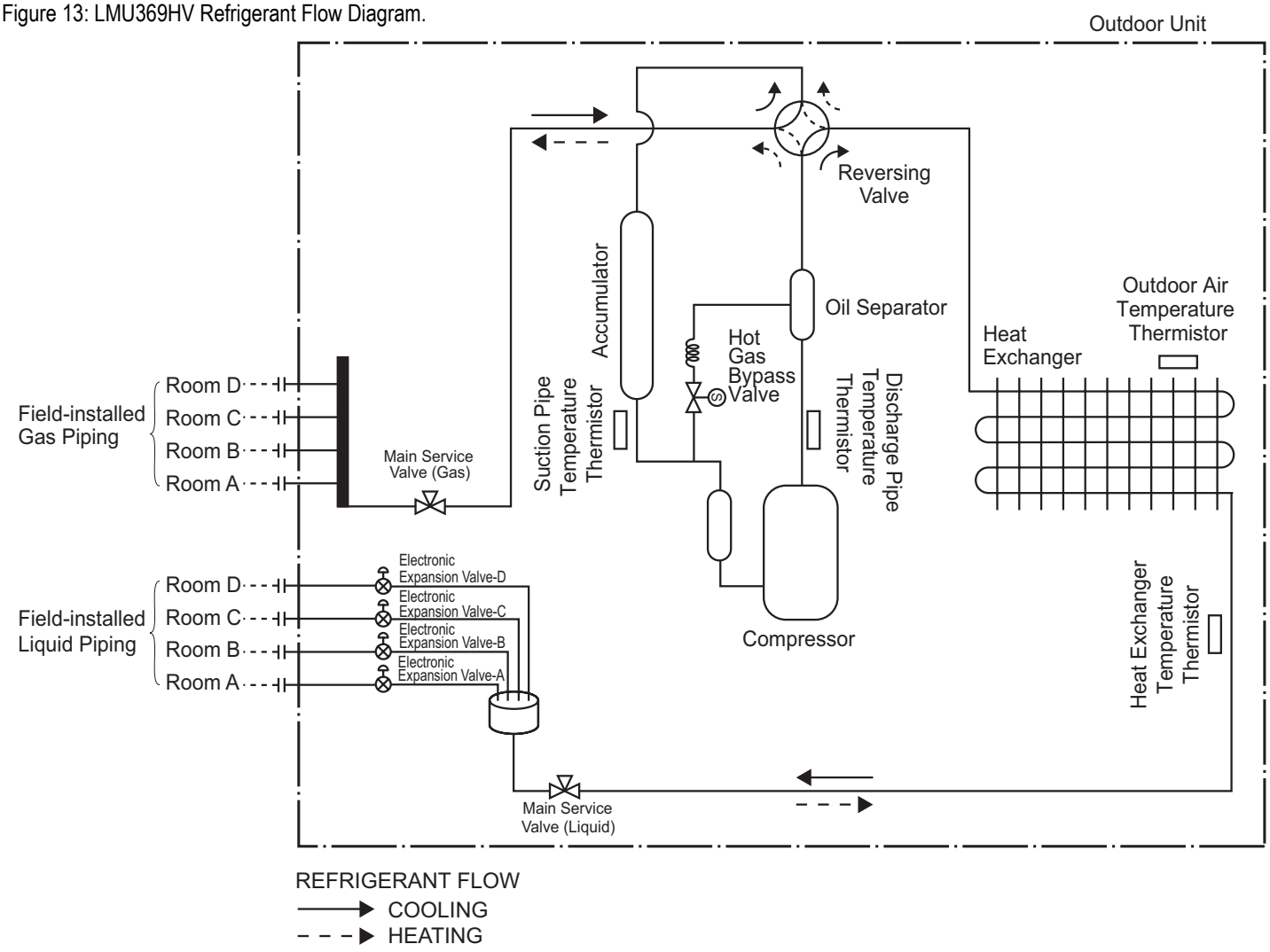
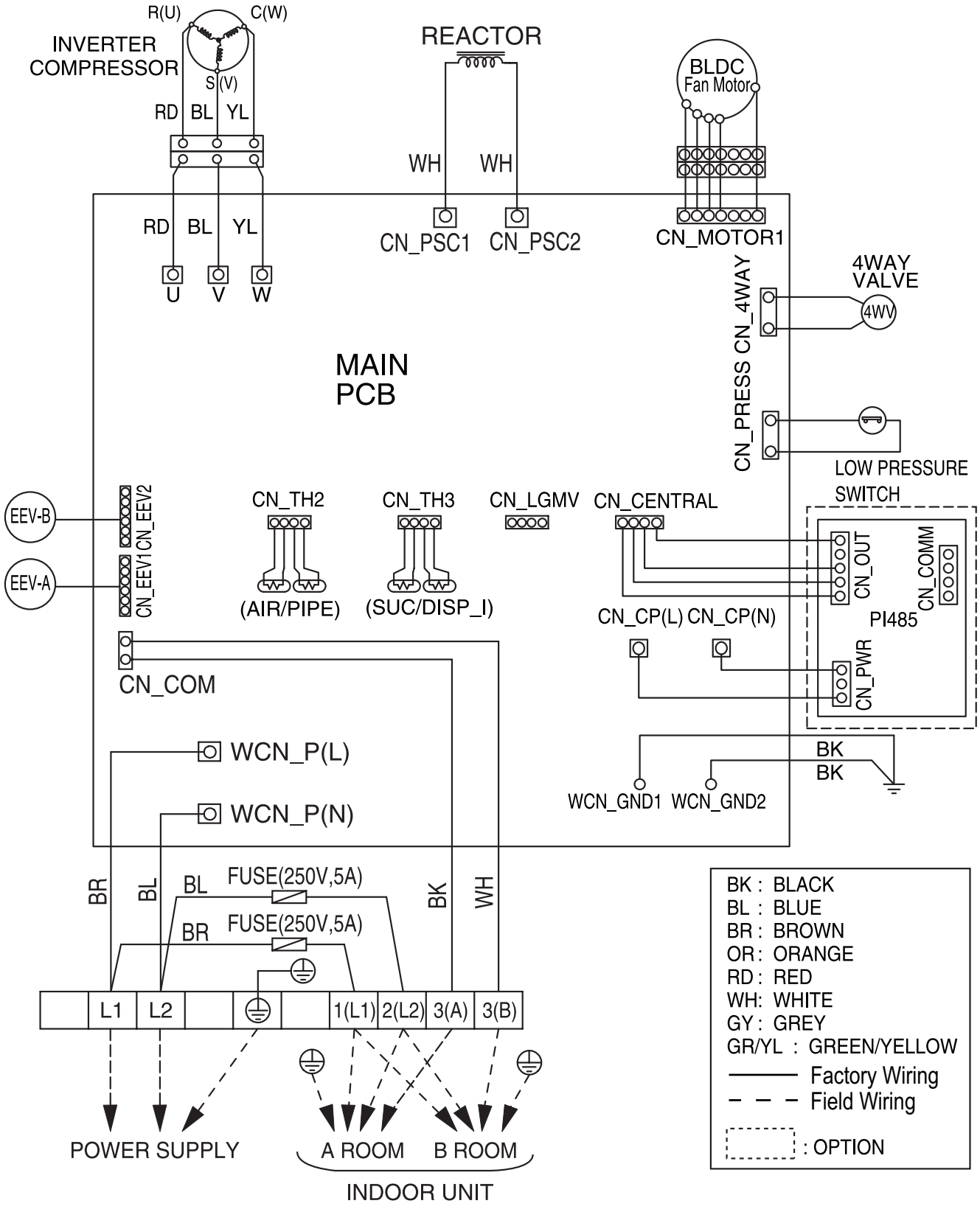


Table 114: LMU369HV Thermistor Details.

Description	PCB Connector
Outdoor Air Temperature Thermistor	CN-TH2
Heat Exchanger Temperature Thermistor	
Discharge Pipe Temperature Thermistor	CN-TH3
Suction Pipe Temperature Thermistor	

Due to our policy of continuous product innovation, some specifications may change without notification.
©LG Electronics U.S.A., Inc., Englewood Cliffs, NJ. All rights reserved. "LG" is a registered trademark of LG Corp.

Figure 14: LMU187HV Wiring Diagram.

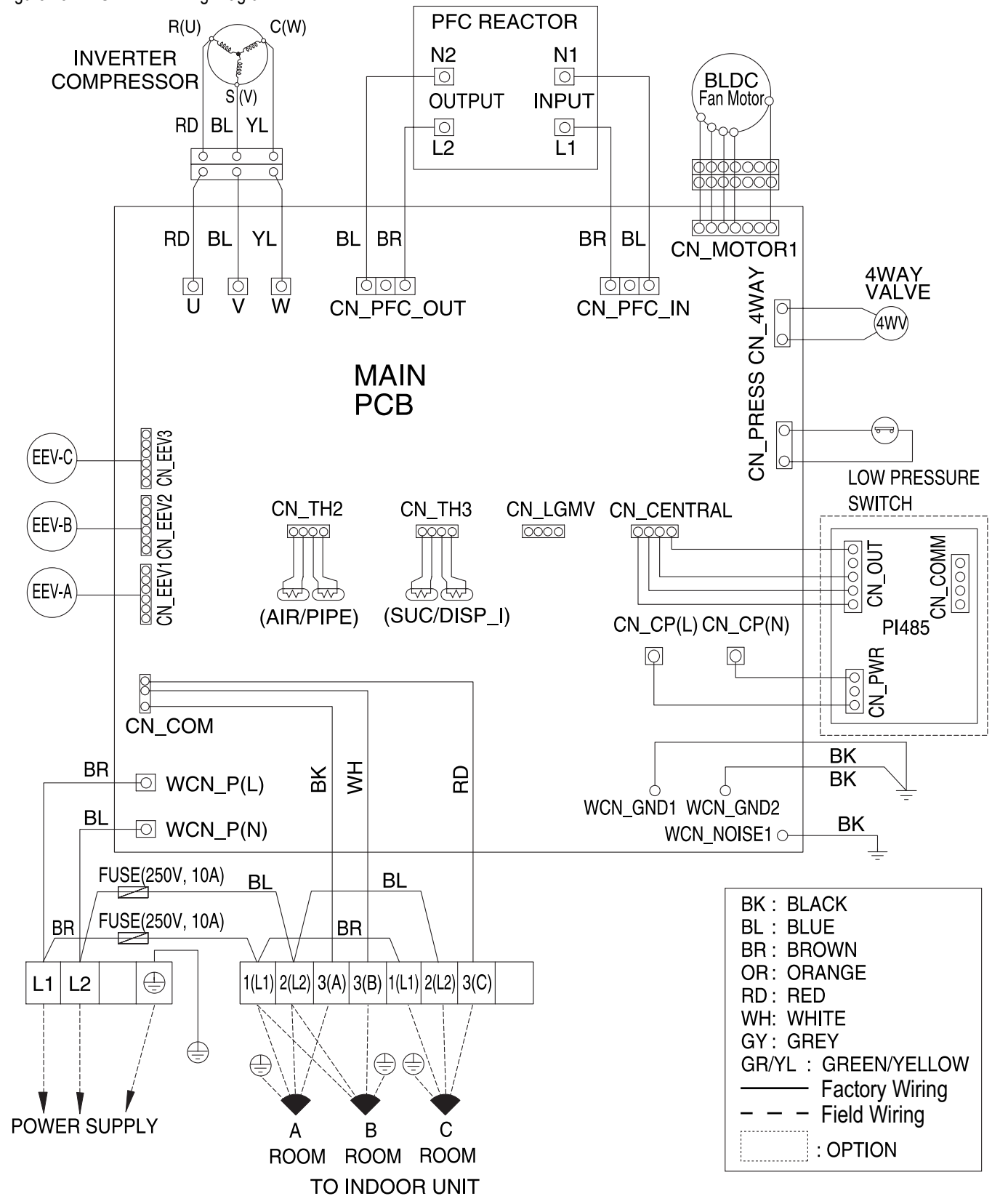


Due to our policy of continuous product innovation, some specifications may change without notification.
©LG Electronics U.S.A., Inc., Englewood Cliffs, NJ. All rights reserved. "LG" is a registered trademark of LG Corp.

MULTI F OUTDOOR UNIT

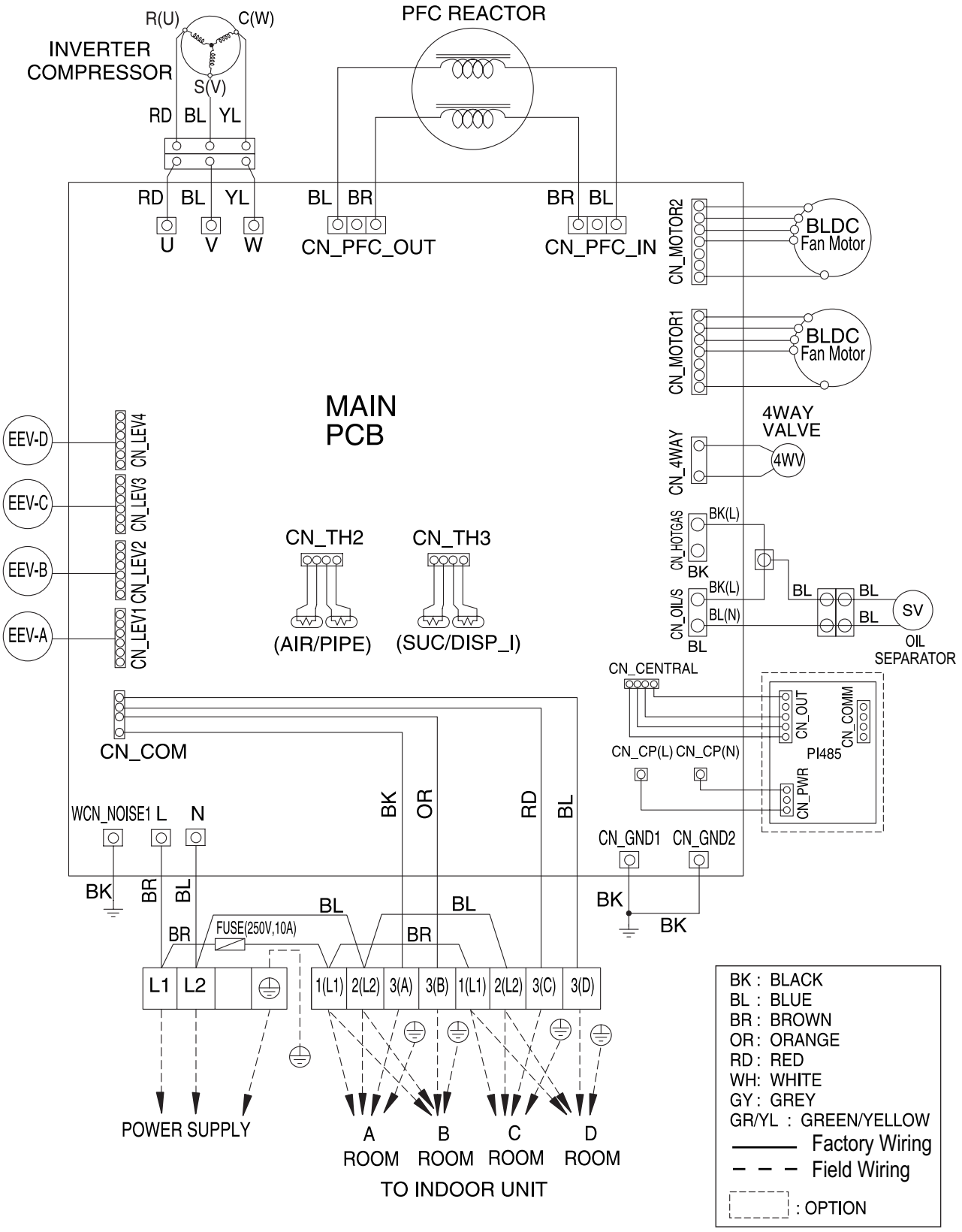
Wiring Diagram

Figure 15: LMU247HV Wiring Diagram.



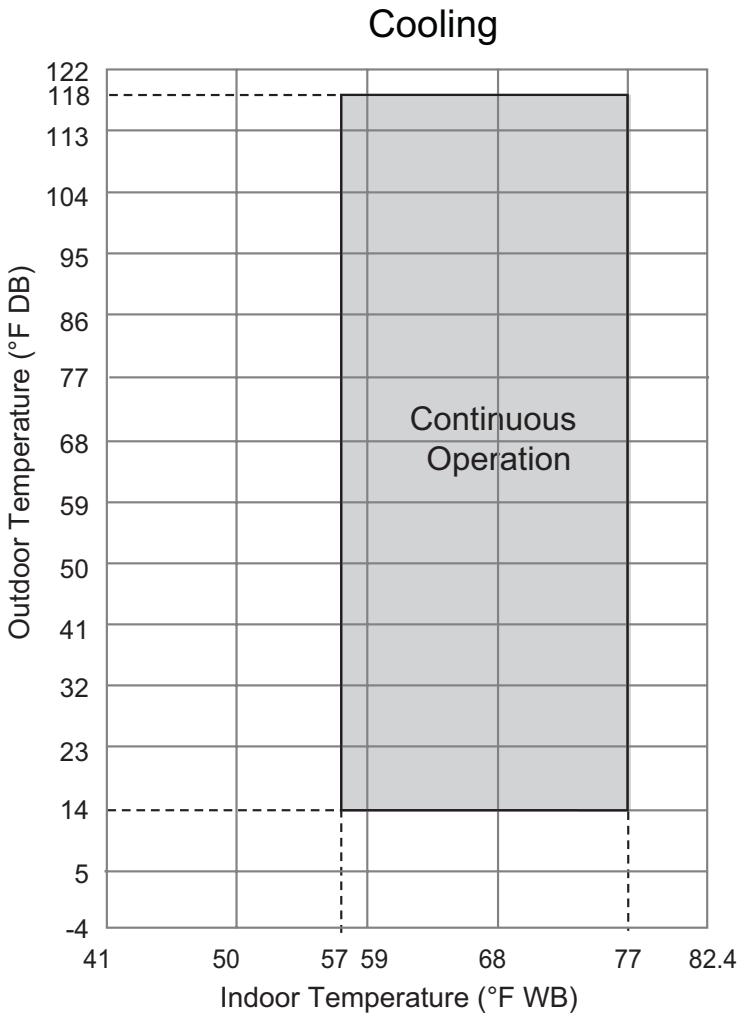
Due to our policy of continuous product innovation, some specifications may change without notification.
©LG Electronics U.S.A., Inc., Englewood Cliffs, NJ. All rights reserved. "LG" is a registered trademark of LG Corp.

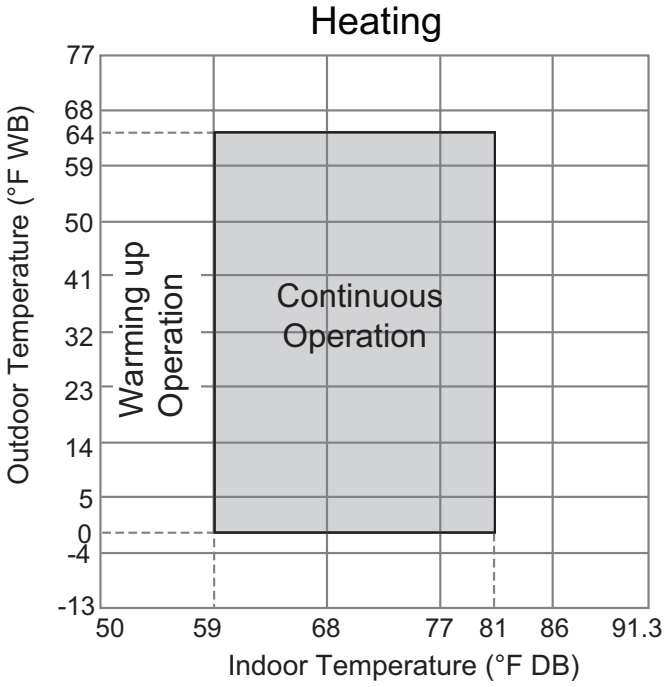
Figure 16: LMU369HV Wiring Diagram.



Due to our policy of continuous product innovation, some specifications may change without notification.
©LG Electronics U.S.A., Inc., Englewood Cliffs, NJ. All rights reserved. "LG" is a registered trademark of LG Corp.

Figure 17: Cooling and Heating Operation Ranges.





Due to our policy of continuous product innovation, some specifications may change without notification.
©LG Electronics U.S.A., Inc., Englewood Cliffs, NJ. All rights reserved. "LG" is a registered trademark of LG Corp.

Due to our policy of continuous product innovation, some specifications may change without notification.
©LG Electronics U.S.A., Inc., Englewood Cliffs, NJ. All rights reserved. "LG" is a registered trademark of LG Corp.

MULTI F MAX OUTDOOR UNIT DATA

“Product Features and Benefits” on page 126
“Mechanical Specifications” on page 127
“General Data” on page 128
“Dimensions” on page 130
“Rated Cooling Combination Tables” on page 131
“Rated Heating Combination Tables” on page 134
“Cooling Capacity Tables ” on page 137
“Heating Capacity Tables” on page 154
“Electrical Data” on page 165
“Acoustic Data” on page 165
“Refrigerant Flow Diagrams” on page 166
“Wiring Diagrams” on page 167
“Operation Range” on page 168

MULTI F MAX OUTDOOR UNIT

Features and Benefits

MULTI F
MULTI F MAX

Multi F MAX inverter-driven heat pump systems can operate up to eight indoor units, providing cooling or heating for an entire home and zoning capabilities. Compact refrigerant pipes work in tandem with wiring to link the outdoor unit with all indoor units through a single or pair of branch distribution (BD) unit(s). Most indoor units include its own remote control, allowing the user to set the temperature individually in different rooms. The indoor units are available in a variety of capacities and styles, including Art Cool ™ Mirror and Gallery Wall Mount, Standard Wall Mount, Four-Way Ceiling Cassette, Horizontal Ceiling Concealed Duct, and Vertical-Horizontal Air Handling models.

Features

- Advanced climate control for up to eight (8) zones
- Inverter (Variable speed compressor)
- DC inverter technology – load matches to reduce power consumption
- Low ambient operation to 14ºF (Cooling)
- Heating operation down to 0ºF
- Defrost
- Restart delay (three [3] minutes)
- Self diagnosis
- Soft start
- Auto operation / auto restart operation
- Gold Fin™ anti-corrosion

Benefits

- Refrigerant piping lengths allow for extra design flexibility in indoor unit installation
- Easy installation: Little to no ductwork required; most indoor units can mount on any wall
- Indoor unit and outdoor unit dimensions ensure space saving convenience
- All-season use—heat pump models have both cooling and heating capabilities

Figure 18: Multi F MAX Heat Pump Inverter System — Mix and match for 24,000-73,000 Btu/h.



Due to our policy of continuous product innovation, some specifications may change without notification.
©LG Electronics U.S.A., Inc., Englewood Cliffs, NJ. All rights reserved. "LG" is a registered trademark of LG Corp.

Multi F MAX Heat Pump Condensing Units

General

A Multi F MAX multi-zone system is comprised of one heat pump outdoor unit connected up to eight indoor units through a branch distribution unit (BD) using a single refrigerant piping circuit, and includes integrated controls supplied by LG. Factory-designed and supplied Y-branches may be used as well.

The outdoor unit is internally assembled, wired, and piped from the factory; all LG components are manufactured in a facility registered to ISO 9001 and ISO 14001, set by the International Organization for Standardization (ISO). The LG Multi F MAX multi zone heat pump system components comply with Underwriters Laboratories (UL) 1995 Heating and Cooling Equipment Standard for Safety, and bear the Electrical Testing Laboratories (ETL) mark. The units are certified to AHRI 210 / 240.

Temperature Ranges

The heat pump outdoor units are capable of operating in cooling mode from 14°F to 118°F ambient dry bulb. The heat pump outdoor units are capable of operating in heating mode from 0°F to 64°F ambient wet bulb without additional low ambient controls.

Frame

Multi F MAX condensing unit case is constructed from pre-coated metal that has been tested in accordance with ASTM B-117 salt spray procedure for a minimum of 1,000 hours. Case has a removable front panel to allow access to major components and control devices, and legs to secure the unit during installation.

Refrigerant System

Multi F MAX systems have a single refrigerant circuit field piped with a manufacturer-supplied BD unit(s) and Y-branches (if applicable) to multiple (ducted, non-ducted or mixed) indoor units to effectively and efficiently control the heating or cooling operation of the multi zone system. All refrigerant lines from the outdoor unit to the BD unit(s) and from the BD unit(s) to indoor units are field-installed and must be insulated separately.

Multi F MAX systems use R410A refrigerant. The outdoor units are equipped with a refrigerant strainer, check valves, oil separator, accumulator, four-way reversing valve, electronic expansion valve(s) (EEV), high side and low side refrigerant charging ports, and a service port. The outdoor unit also includes sensors for suction temperature, discharge temperature, high-pressure, low-pressure, heat exchanger temperature, and outdoor temperature conditions.

Refrigeration Oil Control

The outdoor unit has an oil separator to separate oil mixed with the refrigerant gas during compression and return oil to the compressor. The outdoor unit also has an oil injection mechanism to ensure a consistent film of oil on all moving compressor parts at low speed.

Compressor

Multi F condensing units are equipped with one hermetically sealed, digitally controlled, inverter driven twin-rotary compressor that includes Teflon™ coated bearings. The inverter motor is capable of providing a modulation range of 20Hz to 100Hz with control in 1Hz increments. The compressor is protected with phase-reversal protection, uses a factory-charge of Polyvinyl Ether (PVE) oil, and is mounted to avoid the transmission of vibration. Compressor in the Multi F MAX outdoor unit is equipped with a hot gas bypass valve.

Figure 19: Multi F MAX LMU540HV Outdoor Unit.



Fan and Motors

The Multi F MAX outdoor unit includes two direct drive variable speed propeller fans with Brushless Digitally Controlled (BLDC) motor with a horizontal air discharge.

Fan blades are statically and dynamically balanced propeller fans made of durable Acrylonitrile Butadiene Styrene (ABS) plastic, and include a raised fan guard to limit contact with moving parts. The motors have inherent overload protection, permanently lubricated bearings, and a maximum speed up to 950 rpm. Multi F MAX outdoor unit has a horizontal discharge airflow.

Outdoor Unit Coil

The outdoor unit coils are factory-built of aluminum fins mechanically bonded on copper tubing. Coils have a minimum of two rows, a minimum of 14 fins per inch, and have been factory pressure-tested.

Coil fins also have a factory applied corrosion-resistant GoldFin™ material with hydrophilic coating that has been tested in accordance with ASTM B-117 salt spray test procedure for a minimum of 1,000 hours.

Electrical

Multi F MAX outdoor unit shall be 208/230V, 1 phase, 60Hz electrical power capable of operating within ±10% of the rated voltage.

Controls

Factory installed microprocessor controls in the outdoor unit, BD unit(s), and indoor units shall perform functions to efficiently operate the multi zone system. System wiring must be installed in a tree configuration from outdoor unit to BD unit(s) to indoor units through four conductor power/transmission cable. The system is capable of performing continuous operation, even when power is turned off to an individual indoor unit.

Due to our policy of continuous product innovation, some specifications may change without notification.
©LG Electronics U.S.A., Inc., Englewood Cliffs, NJ. All rights reserved. "LG" is a registered trademark of LG Corp.

MULTI F MAX OUTDOOR UNIT

General Data

MULTI F
MULTI F MAX

Table 115: Multi F MAX Outdoor Unit General Data.

Model Number	LMU540HV
Rated Cooling Capacity (Btu/h)[1]	52,500
Rated Heating Capacity (Btu/h)[1]	58,000
Operating Range	
Cooling (°F DB)	14 - 118
Heating (°F WB)	0 - 64
Compressor	
Inverter Quantity	Twin Rotary x 1
Oil/Type	FVC68D
Fan (Side Discharge)	
Type	Propeller
Motor Output (W) x Qty.	124.2 x 2
Motor/Drive	Brushless Digitally Controlled/Direct
Maximum Air Volume (CFM)	2,119 x 2
Unit Data	
Refrigerant Type	R410A
Refrigerant Control/Location	EEV / Outdoor Unit, Branch Distribution Unit
Min. Number Indoor Units/System[2]	2
Max. Number Indoor Units/System[2]	8
Maximum Allowable Total Indoor Unit Connected Capacity (Btu/h)	73,000
Sound Pressure ±3 dB(A)[3] (Cooling / Heating)	54 / 56
Net Unit Weight (lbs.)	213.8
Shipping Weight (lbs.)	236
Power Wiring / Communication Cables[4] (No. x AWG)	4 x 16
Heat Exchanger	
Material and Fin Coating	Copper Tube / Aluminum Fin and GoldFin™/Hydrophilic
Rows/Columns/Fins per inch x Qty.	(2 x 32 x 14) x 2
Piping	
Liquid Line Connection (in., OD) x Qty.	3/8 x 1
Vapor Line Connection (in., OD) x Qty.	3/4 x 1
Factory Charge lbs. of R410A	9.7
Piping Lengths	
Maximum Total System Piping (ft.)[5]	476
Maximum Main Pipe Length (Outdoor Unit to Branch Distribution Unit [ft.])	180
Total Branch Piping (Branch Distribution Units to all Indoor Units [ft.])	295
Maximum Branch Pipe Length (Length between each BDU and IDU [ft.])	49
Maximum Outdoor Unit to Indoor Unit Pipe Length (ft.)	230
Piping Length (No Additional Refrigerant [ft.]; 16 ft. of Main Piping + 131 ft. of Branch Piping)	147
Maximum Elevation between Outdoor Unit and Indoor Unit (ft.)	98
Maximum Elevation between Indoor Unit and Indoor Unit (ft.)	49
Maximum Elevation between Branch Distribution Unit and Indoor Unit (ft.)	33
Maximum Elevation between Branch Distribution Unit and Branch Distribution Unit (ft.)	49

[1]Rated capacity applied with non-ducted indoor units, and is rated 0 ft. above sea level with a 0 ft. level difference between outdoor and indoor units. All capacities are net with a combination ratio between 95 – 105%.

Rated cooling capacity obtained with air entering the indoor unit at 80ºF dry bulb (DB) and 67ºF wet bulb (WB) and outdoor ambient conditions of 95ºF dry bulb (DB) and 75ºF wet bulb (WB).
Rated heating capacity obtained with air entering the indoor unit at 70ºF dry bulb (DB) and 60ºF wet bulb (WB) and outdoor ambient conditions of 47ºF dry bulb (DB) and 43ºF wet bulb (WB).

[2]At least one Branch Distribution Unit is required for system operation; a maximum of two can be installed per outdoor unit with use of Y-branch accessory (PMBL5620). At least two indoor units should be connected. For allocated capacity information, see the combination tables on pages 131 to 136.

[3]Sound pressure levels are tested in an anechoic chamber under ISO Standard 3745. These values can increase due to ambient conditions during operation.

[4]All power wiring / communication cable to be minimum 16 AWG from the outdoor unit to the BD unit, and 18 AWG from the BD unit to the indoor unit, stranded, shielded, and must comply with applicable local and national codes. For detailed electrical information, please refer to electric characteristics on page 165.

[5]Piping lengths are equivalent.

Due to our policy of continuous product innovation, some specifications may change without notification.
©LG Electronics U.S.A., Inc., Englewood Cliffs, NJ. All rights reserved. "LG" is a registered trademark of LG Corp.

MULTI F MAX OUTDOOR UNIT

General Data

Table 116: LMU540HV Efficiency Ratings.[1,2]

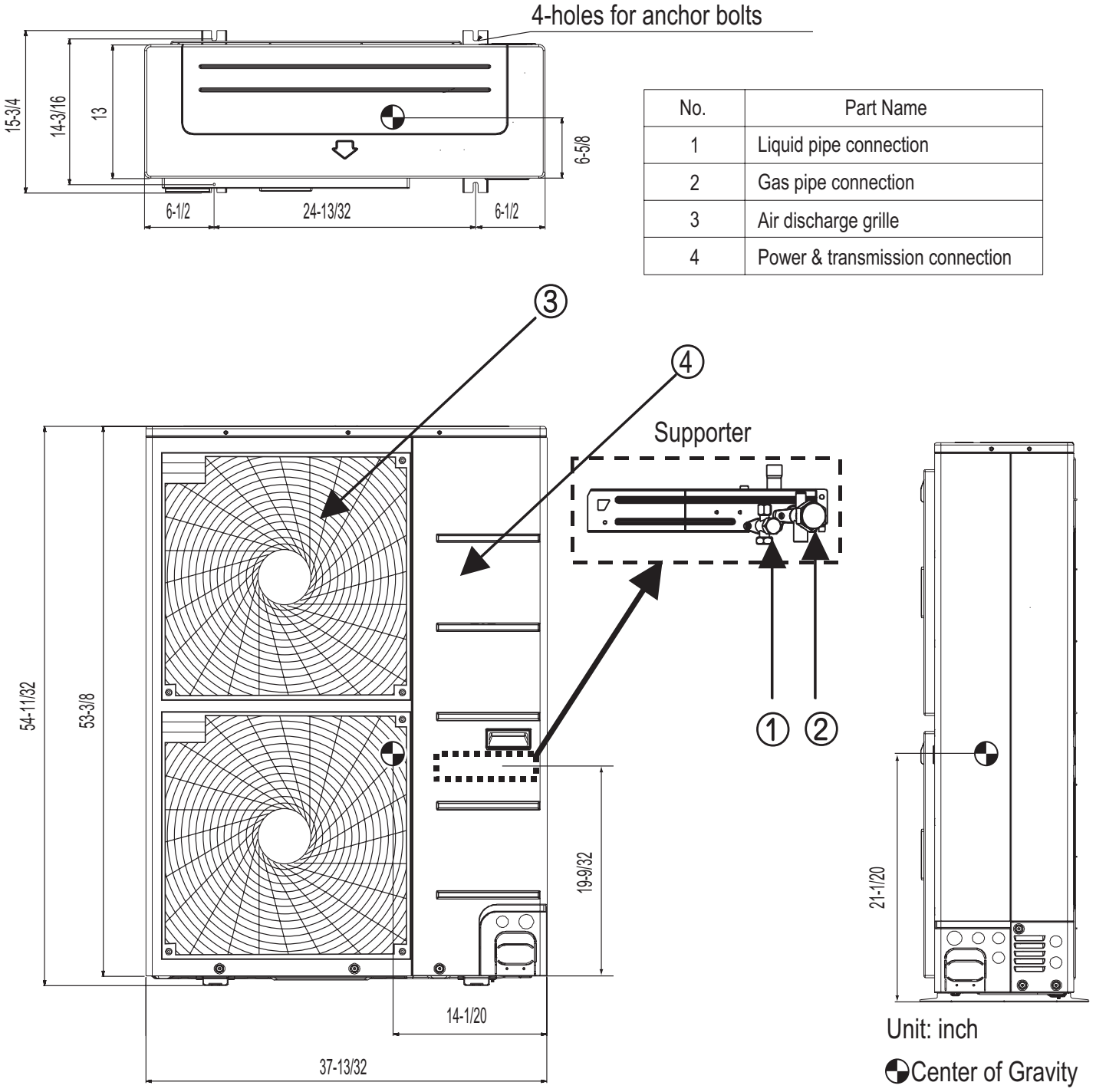
System	Combined With	Rated Cooling Capacity (Btu/h)	EER (95°F)	SEER	Rated Heating Capacity (Btu/h)	COP (47°F)	HSPF	Low Heating Capacity (Btu/h)	COP (17°F)	Energy Star
LMU540HV	Non-ducted Indoor Units	52,500	10.3	18.4	58,000	3.1	8.7	36,600	2.6	Yes
	Ducted Indoor Units	51,000	10.0	15.8	58,000	3.0	8.0	38,500	2.6	No
	Mixed Non-ducted and Ducted Indoor Units	51,750	10.15	17.1	58,000	3.0	8.35	37,550	2.6	No

[1]Rated capacity is rated 0 ft. above sea level with Piping Length as Main pipe (16.4 ft.) + Branch pipe (98.4 ft.) = 115 ft., and a 0 ft. level difference between outdoor and indoor units. All capacities are net with a combination ratio between 95 – 105%.
Rated cooling capacity rating obtained with air entering the indoor unit at 80ºF dry bulb (DB) and 67ºF wet bulb (WB) and outdoor ambient conditions of 95ºF dry bulb (DB) and 75ºF wet bulb (WB).
Rated heating capacity rating obtained with air entering the indoor unit at 70ºF dry bulb (DB) and 60ºF wet bulb (WB) and outdoor ambient conditions of 47ºF dry bulb (DB) and 43ºF wet bulb (WB).

[2]Rated capacity is certified under AHRI Standard 210 / 240. EER, IEER, COP, and HSPF are subject to change. See www.ahrinet.org for the latest values.

Due to our policy of continuous product innovation, some specifications may change without notification.
©LG Electronics U.S.A., Inc., Englewood Cliffs, NJ. All rights reserved. "LG" is a registered trademark of LG Corp.

Figure 20: LMU540HV External Dimensions.



No.	Part Name
1	Liquid pipe connection
2	Gas pipe connection
3	Air discharge grille
4	Power & transmission connection

Due to our policy of continuous product innovation, some specifications may change without notification.
©LG Electronics U.S.A., Inc., Englewood Cliffs, NJ. All rights reserved. "LG" is a registered trademark of LG Corp.

PERFORMANCE DATA

Rated Cooling Combination Tables

The individual indoor unit capacity can be calculated based on the outdoor unit Rated capacity as follows.[1]

$$\text{Individual Indoor Unit Combination Capacity (Qidu [Combi])} = \text{Outdoor Unit Rated Capacity (Qodu [Rated])} \times \frac{\text{Individual Indoor Unit Rated Capacity (Qidu [Rated])}}{\text{Total Connected Indoor Unit Rated Capacity } (\sum \text{Qidu [Rated]})}$$

[1]To calculate the individual IDU capacity based on ODU Corrected capacity, replace (Qodu [Rated]) with (Qodu [Corrected]) where (Qodu [Corrected]) is obtained from the capacity tables referencing design conditions.

Table 117: LMU540HV with Non-Ducted Indoor Units — Rated Cooling Combination Table.

Total Indoor Unit Capacity (kBtu/h)	Cooling Capacity						Input (W)			EER	SEER
	Minimum		Rated		Maximum		Minimum	Rated	Maximum		
	Btu/h	kW	Btu/h	kW	Btu/h	kW					
24	14,000	4.10	23,333	6.84	25,813	7.57	1,000	1,550	2,336	15.10	19.6
25	14,583	4.27	24,306	7.12	26,889	7.88	1,168	1,668	2,433	14.60	19.5
26	15,167	4.45	25,278	7.41	27,964	8.20	1,251	1,786	2,530	14.10	19.5
27	15,750	4.62	26,250	7.69	29,040	8.51	1,333	1,905	2,628	13.80	19.4
28	16,333	4.79	27,222	7.98	30,116	8.83	1,517	2,023	2,725	13.50	19.4
29	16,917	4.96	28,194	8.26	31,191	9.14	1,606	2,141	2,822	13.20	19.4
30	17,500	5.13	29,167	8.55	32,267	9.46	1,695	2,259	2,919	12.90	19.3
31	18,083	5.30	30,139	8.83	33,342	9.77	1,855	2,378	3,017	12.70	19.3
32	18,667	5.47	31,111	9.12	34,418	10.09	1,947	2,496	3,114	12.50	19.3
33	19,250	5.64	32,083	9.40	35,493	10.40	2,039	2,614	3,211	12.30	19.2
34	19,833	5.81	33,056	9.69	36,569	10.72	2,131	2,732	3,309	12.10	19.2
35	20,417	5.98	34,028	9.97	37,644	11.03	2,280	2,851	3,406	11.90	19.1
36	21,000	6.15	35,000	10.26	38,720	11.35	2,375	2,969	3,503	11.80	19.1
37	21,583	6.33	35,972	10.54	39,796	11.66	2,470	3,087	3,601	11.70	19.1
38	22,167	6.50	36,944	10.83	40,871	11.98	2,564	3,205	3,698	11.50	19.0
39	22,750	6.67	37,917	11.11	41,947	12.29	2,659	3,324	3,795	11.40	19.0
40	23,333	6.84	38,889	11.40	43,022	12.61	2,753	3,442	3,893	11.30	18.9
41	23,917	7.01	39,861	11.68	44,098	12.92	2,848	3,560	3,990	11.20	18.9
42	24,500	7.18	40,833	11.97	45,173	13.24	2,943	3,678	4,087	11.10	18.9
43	25,083	7.35	41,806	12.25	46,249	13.55	3,037	3,796	4,185	11.00	18.8
44	25,667	7.52	42,778	12.54	47,324	13.87	3,132	3,915	4,282	10.90	18.8
45	26,250	7.69	43,750	12.82	48,400	14.19	3,226	4,033	4,379	10.80	18.7
46	26,833	7.86	44,722	13.11	49,476	14.50	3,321	4,151	4,476	10.80	18.7
47	27,417	8.04	45,694	13.39	50,551	14.82	3,415	4,269	4,574	10.70	18.7
48	28,000	8.21	46,667	13.68	51,627	15.13	3,510	4,388	4,671	10.60	18.6
49	28,583	8.38	47,639	13.96	52,702	15.45	3,605	4,506	4,768	10.60	18.6
50	29,167	8.55	48,611	14.25	53,778	15.76	3,699	4,624	4,866	10.50	18.6
51	29,750	8.72	49,583	14.53	54,853	16.08	3,794	4,742	4,963	10.50	18.5
52	30,333	8.89	50,556	14.82	55,929	16.39	3,888	4,861	5,060	10.40	18.5
53	30,917	9.06	51,528	15.10	57,004	16.71	3,983	4,979	5,158	10.30	18.4
54	31,500	9.23	52,500	15.39	58,080	17.02	4,078	5,097	5,255	10.30	18.4
55	31,892	9.35	52,666	15.44	58,349	17.10	4,102	5,128	5,287	10.30	18.3
56	32,285	9.46	52,832	15.48	58,619	17.18	4,127	5,159	5,319	10.20	18.2
57	32,677	9.58	52,997	15.53	58,888	17.26	4,152	5,190	5,351	10.20	18.1
58	33,069	9.69	53,163	15.58	59,158	17.34	4,176	5,221	5,382	10.20	18.0
59	33,462	9.81	53,329	15.63	59,427	17.42	4,201	5,252	5,414	10.20	17.9
60	33,854	9.92	53,495	15.68	59,697	17.50	4,226	5,282	5,446	10.10	17.8
61	34,247	10.04	53,661	15.73	59,966	17.58	4,251	5,313	5,478	10.10	17.7
62	34,639	10.15	53,826	15.78	60,236	17.65	4,275	5,344	5,510	10.10	17.6
63	35,031	10.27	53,992	15.82	60,505	17.73	4,300	5,375	5,542	10.00	17.5
64	35,424	10.38	54,158	15.87	60,775	17.81	4,325	5,406	5,573	10.00	17.4
65	35,816	10.50	54,324	15.92	61,044	17.89	4,350	5,437	5,605	10.00	17.3
66	36,208	10.61	54,489	15.97	61,314	17.97	4,374	5,468	5,637	10.00	17.2
67	36,601	10.73	54,655	16.02	61,583	18.05	4,399	5,499	5,669	9.90	17.1
68	36,993	10.84	54,821	16.07	61,853	18.13	4,424	5,530	5,701	9.90	17.0
69	37,386	10.96	54,987	16.12	62,122	18.21	4,448	5,561	5,733	9.90	16.9
70	37,778	11.07	55,153	16.16	62,392	18.29	4,473	5,591	5,764	9.90	16.9
71	38,170	11.19	55,318	16.21	62,661	18.36	4,498	5,622	5,796	9.80	16.8
72	38,563	11.30	55,484	16.26	62,931	18.44	4,523	5,653	5,828	9.80	16.7
73	38,955	11.42	55,650	16.31	63,200	18.52	4,547	5,684	5,860	9.80	16.6

[1]Capacity as rated: 0 ft. above sea level with Piping Length as Main Pipe (16.4 ft.) + Branch pipe (98.4 ft.) = 115 ft.
0 ft. level difference between outdoor and indoor units.

[2]Cooling capacity rating obtained with air entering the indoor unit at 80ºF dry bulb (DB) and 67ºF wet bulb (WB), and outdoor ambient conditions of 95ºF dry bulb (DB) and 75ºF wet bulb (WB).

[3]Wiring cable size must comply with the applicable local and national codes.

[4]The specification may be subject to change without prior notice for purpose of improvement.

[5]Sum of connected indoor units capacity is 24~73 kBtu/h.

[6]At least two indoor units should be connected.

Due to our policy of continuous product innovation, some specifications may change without notification.
©LG Electronics U.S.A., Inc., Englewood Cliffs, NJ. All rights reserved. "LG" is a registered trademark of LG Corp.

PERFORMANCE DATA

Rated Cooling Combination Tables

Table 118: LMU540HV with Ducted Indoor Units — Rated Cooling Combination Table.

Total Indoor Unit Capacity (kBtu/h)	Cooling Capacity						Input (W)			EER	SEER
	Minimum		Rated		Maximum		Minimum	Rated	Maximum		
	Btu/h	kW	Btu/h	kW	Btu/h	kW					
24	13,600	3.99	22,667	6.64	25,076	7.35	1,000	1,550	2,337	14.60	18.3
25	14,167	4.15	23,611	6.92	26,121	7.66	1,168	1,668	2,434	14.20	18.1
26	14,733	4.32	24,556	7.20	27,165	7.96	1,251	1,787	2,532	13.70	18.1
27	15,300	4.48	25,500	7.47	28,210	8.27	1,334	1,905	2,629	13.40	18.0
28	15,867	4.65	26,444	7.75	29,255	8.57	1,518	2,023	2,726	13.10	17.9
29	16,433	4.82	27,389	8.03	30,300	8.88	1,606	2,142	2,824	12.80	17.8
30	17,000	4.98	28,333	8.30	31,345	9.19	1,695	2,260	2,921	12.50	17.7
31	17,567	5.15	29,278	8.58	32,390	9.49	1,855	2,378	3,019	12.30	17.7
32	18,133	5.31	30,222	8.86	33,434	9.80	1,947	2,497	3,116	12.10	17.6
33	18,700	5.48	31,167	9.13	34,479	10.11	2,040	2,615	3,213	11.90	17.5
34	19,267	5.65	32,111	9.41	35,524	10.41	2,132	2,733	3,311	11.70	17.4
35	19,833	5.81	33,056	9.69	36,569	10.72	2,281	2,852	3,408	11.60	17.3
36	20,400	5.98	34,000	9.96	37,614	11.02	2,376	2,970	3,505	11.40	17.3
37	20,967	6.14	34,944	10.24	38,659	11.33	2,471	3,088	3,603	11.30	17.2
38	21,533	6.31	35,889	10.52	39,703	11.64	2,565	3,207	3,700	11.20	17.1
39	22,100	6.48	36,833	10.80	40,748	11.94	2,660	3,325	3,798	11.10	17.0
40	22,667	6.64	37,778	11.07	41,793	12.25	2,755	3,443	3,895	11.00	16.9
41	23,233	6.81	38,722	11.35	42,838	12.56	2,849	3,562	3,992	10.90	16.8
42	23,800	6.98	39,667	11.63	43,883	12.86	2,944	3,680	4,090	10.80	16.8
43	24,367	7.14	40,611	11.90	44,927	13.17	3,039	3,798	4,187	10.70	16.7
44	24,933	7.31	41,556	12.18	45,972	13.47	3,133	3,917	4,284	10.60	16.6
45	25,500	7.47	42,500	12.46	47,017	13.78	3,228	4,035	4,382	10.50	16.5
46	26,067	7.64	43,444	12.73	48,062	14.09	3,323	4,153	4,479	10.50	16.4
47	26,633	7.81	44,389	13.01	49,107	14.39	3,417	4,272	4,576	10.40	16.4
48	27,200	7.97	45,333	13.29	50,152	14.70	3,512	4,390	4,674	10.30	16.3
49	27,767	8.14	46,278	13.56	51,196	15.00	3,607	4,508	4,771	10.30	16.2
50	28,333	8.30	47,222	13.84	52,241	15.31	3,701	4,627	4,869	10.20	16.1
51	28,900	8.47	48,167	14.12	53,286	15.62	3,796	4,745	4,966	10.20	16.0
52	29,467	8.64	49,111	14.39	54,331	15.92	3,891	4,863	5,063	10.10	16.0
53	30,033	8.80	50,056	14.67	55,376	16.23	3,985	4,982	5,161	10.00	15.9
54	30,600	8.97	51,000	14.95	56,421	16.54	4,080	5,100	5,258	10.00	15.8
55	30,981	9.08	51,161	14.99	56,777	16.64	4,105	5,131	5,290	10.00	15.8
56	31,362	9.19	51,322	15.04	57,134	16.75	4,129	5,161	5,321	9.90	15.8
57	31,743	9.30	51,483	15.09	57,491	16.85	4,154	5,192	5,353	9.90	15.8
58	32,125	9.42	51,644	15.14	57,848	16.95	4,178	5,223	5,385	9.90	15.8
59	32,506	9.53	51,805	15.18	58,205	17.06	4,203	5,254	5,416	9.90	15.8
60	32,887	9.64	51,966	15.23	58,561	17.16	4,228	5,284	5,448	9.80	15.8
61	33,268	9.75	52,127	15.28	58,918	17.27	4,252	5,315	5,480	9.80	15.8
62	33,649	9.86	52,288	15.32	59,275	17.37	4,277	5,346	5,512	9.80	15.8
63	34,030	9.97	52,449	15.37	59,632	17.48	4,301	5,377	5,543	9.80	15.8
64	34,412	10.09	52,611	15.42	59,989	17.58	4,326	5,407	5,575	9.70	15.8
65	34,793	10.20	52,772	15.47	60,346	17.69	4,351	5,438	5,607	9.70	15.8
66	35,174	10.31	52,933	15.51	60,702	17.79	4,375	5,469	5,638	9.70	15.8
67	35,555	10.42	53,094	15.56	61,059	17.90	4,400	5,500	5,670	9.70	15.8
68	35,936	10.53	53,255	15.61	61,416	18.00	4,424	5,530	5,702	9.60	15.8
69	36,317	10.64	53,416	15.66	61,773	18.10	4,449	5,561	5,733	9.60	15.8
70	36,699	10.76	53,577	15.70	62,130	18.21	4,474	5,592	5,765	9.60	15.8
71	37,080	10.87	53,738	15.75	62,486	18.31	4,498	5,623	5,797	9.60	15.8
72	37,461	10.98	53,899	15.80	62,843	18.42	4,523	5,653	5,828	9.50	15.8
73	37,842	11.09	54,060	15.84	63,200	18.52	4,547	5,684	5,860	9.50	15.8

[1]Capacity as rated: 0 ft. above sea level with Piping Length as Main Pipe (16.4 ft.) + Branch pipe (98.4 ft.) = 115 ft.
0 ft. level difference between outdoor and indoor units.

[2]Cooling capacity rating obtained with air entering the indoor unit at 80ºF dry bulb (DB) and 67ºF wet bulb (WB), and outdoor ambient conditions of 95ºF dry bulb (DB) and 75ºF wet bulb (WB).

[3]Wiring cable size must comply with the applicable local and national codes.

[4]The specification may be subject to change without prior notice for purpose of improvement.

[5]Sum of connected indoor units capacity is 24~73 kBtu/h.

[6]At least two indoor units should be connected.

Due to our policy of continuous product innovation, some specifications may change without notification.
©LG Electronics U.S.A., Inc., Englewood Cliffs, NJ. All rights reserved. "LG" is a registered trademark of LG Corp.

PERFORMANCE DATA

Rated Cooling Combination Tables

Table 119: LMU540HV with Mixed Indoor Units — Rated Cooling Combination Table.

Total Indoor Unit Capacity (kBtu/h)	Cooling Capacity						Input (W)			EER	SEER
	Minimum		Rated		Maximum		Minimum	Rated	Maximum		
	Btu/h	kW	Btu/h	kW	Btu/h	kW					
24	13,800	4.04	23,000	6.74	25,445	7.46	1,000	1,550	2,336	14.85	19.0
25	14,375	4.21	23,958	7.02	26,505	7.77	1,168	1,668	2,434	14.40	18.8
26	14,950	4.38	24,917	7.30	27,565	8.08	1,251	1,787	2,531	13.90	18.8
27	15,525	4.55	25,875	7.58	28,625	8.39	1,333	1,905	2,628	13.60	18.7
28	16,100	4.72	26,833	7.86	29,685	8.70	1,517	2,023	2,726	13.30	18.7
29	16,675	4.89	27,792	8.15	30,746	9.01	1,606	2,141	2,823	13.00	18.6
30	17,250	5.06	28,750	8.43	31,806	9.32	1,695	2,260	2,920	12.70	18.5
31	17,825	5.22	29,708	8.71	32,866	9.63	1,855	2,378	3,018	12.50	18.5
32	18,400	5.39	30,667	8.99	33,926	9.94	1,947	2,496	3,115	12.30	18.4
33	18,975	5.56	31,625	9.27	34,986	10.25	2,039	2,615	3,212	12.10	18.4
34	19,550	5.73	32,583	9.55	36,046	10.56	2,132	2,733	3,310	11.90	18.3
35	20,125	5.90	33,542	9.83	37,107	10.88	2,281	2,851	3,407	11.75	18.2
36	20,700	6.07	34,500	10.11	38,167	11.19	2,376	2,969	3,504	11.60	18.2
37	21,275	6.24	35,458	10.39	39,227	11.50	2,470	3,088	3,602	11.50	18.1
38	21,850	6.40	36,417	10.67	40,287	11.81	2,565	3,206	3,699	11.35	18.1
39	22,425	6.57	37,375	10.95	41,347	12.12	2,659	3,324	3,796	11.25	18.0
40	23,000	6.74	38,333	11.23	42,408	12.43	2,754	3,443	3,894	11.15	17.9
41	23,575	6.91	39,292	11.52	43,468	12.74	2,849	3,561	3,991	11.05	17.9
42	24,150	7.08	40,250	11.80	44,528	13.05	2,943	3,679	4,088	10.95	17.8
43	24,725	7.25	41,208	12.08	45,588	13.36	3,038	3,797	4,186	10.85	17.8
44	25,300	7.42	42,167	12.36	46,648	13.67	3,133	3,916	4,283	10.75	17.7
45	25,875	7.58	43,125	12.64	47,709	13.98	3,227	4,034	4,380	10.65	17.6
46	26,450	7.75	44,083	12.92	48,769	14.29	3,322	4,152	4,478	10.65	17.6
47	27,025	7.92	45,042	13.20	49,829	14.60	3,416	4,271	4,575	10.55	17.5
48	27,600	8.09	46,000	13.48	50,889	14.91	3,511	4,389	4,672	10.45	17.5
49	28,175	8.26	46,958	13.76	51,949	15.23	3,606	4,507	4,770	10.45	17.4
50	28,750	8.43	47,917	14.04	53,010	15.54	3,700	4,625	4,867	10.35	17.3
51	29,325	8.59	48,875	14.32	54,070	15.85	3,795	4,744	4,965	10.35	17.3
52	29,900	8.76	49,833	14.61	55,130	16.16	3,890	4,862	5,062	10.25	17.2
53	30,475	8.93	50,792	14.89	56,190	16.47	3,984	4,980	5,159	10.15	17.2
54	31,050	9.10	51,750	15.17	57,250	16.78	4,079	5,099	5,257	10.15	17.1
55	31,437	9.21	51,913	15.21	57,563	16.87	4,103	5,129	5,288	10.15	17.1
56	31,824	9.33	52,077	15.26	57,877	16.96	4,128	5,160	5,320	10.05	17.0
57	32,210	9.44	52,240	15.31	58,190	17.05	4,153	5,191	5,352	10.05	17.0
58	32,597	9.55	52,404	15.36	58,503	17.15	4,177	5,222	5,384	10.05	16.9
59	32,984	9.67	52,567	15.41	58,816	17.24	4,202	5,253	5,415	10.05	16.9
60	33,371	9.78	52,731	15.45	59,129	17.33	4,227	5,283	5,447	9.95	16.8
61	33,757	9.89	52,894	15.50	59,442	17.42	4,251	5,314	5,479	9.95	16.8
62	34,144	10.01	53,057	15.55	59,755	17.51	4,276	5,345	5,511	9.95	16.7
63	34,531	10.12	53,221	15.60	60,069	17.61	4,301	5,376	5,542	9.90	16.7
64	34,918	10.23	53,384	15.65	60,382	17.70	4,325	5,407	5,574	9.85	16.6
65	35,304	10.35	53,548	15.69	60,695	17.79	4,350	5,438	5,606	9.85	16.6
66	35,691	10.46	53,711	15.74	61,008	17.88	4,375	5,468	5,638	9.85	16.5
67	36,078	10.57	53,874	15.79	61,321	17.97	4,399	5,499	5,669	9.80	16.5
68	36,465	10.69	54,038	15.84	61,634	18.06	4,424	5,530	5,701	9.75	16.4
69	36,851	10.80	54,201	15.89	61,947	18.16	4,449	5,561	5,733	9.75	16.4
70	37,238	10.91	54,365	15.93	62,261	18.25	4,473	5,592	5,765	9.75	16.3
71	37,625	11.03	54,528	15.98	62,574	18.34	4,498	5,623	5,796	9.70	16.3
72	38,012	11.14	54,692	16.03	62,887	18.43	4,523	5,653	5,828	9.65	16.2
73	38,399	11.25	54,855	16.08	63,200	18.52	4,547	5,684	5,860	9.65	16.2

[1]Capacity as rated: 0 ft. above sea level with Piping Length as Main Pipe (16.4 ft.) + Branch pipe (98.4 ft.) = 115 ft.
0 ft. level difference between outdoor and indoor units.

[2]Cooling capacity rating obtained with air entering the indoor unit at 80ºF dry bulb (DB) and 67ºF wet bulb (WB), and outdoor ambient conditions of 95ºF dry bulb (DB) and 75ºF wet bulb (WB).

[3]Wiring cable size must comply with the applicable local and national codes.

[4]The specification may be subject to change without prior notice for purpose of improvement.

[5]Sum of connected indoor units capacity is 24~73 kBtu/h.

[6]At least two indoor units should be connected.

Due to our policy of continuous product innovation, some specifications may change without notification.
©LG Electronics U.S.A., Inc., Englewood Cliffs, NJ. All rights reserved. "LG" is a registered trademark of LG Corp.

PERFORMANCE DATA

Rated Heating Combination Tables

Table 120: LMU540HV with Non-Ducted Indoor Units — Rated Heating Combination Table.

Total Indoor Unit Capacity (kBtu/h)	Heating Capacity						Input (W)			COP	HSPF
	Minimum		Rated		Maximum		Minimum	Rated	Maximum		
	Btu/h	kW	Btu/h	kW	Btu/h	kW					
24	15,467	4.53	25,778	7.56	27,067	7.93	1,490	2,161	2,474	3.50	10.3
25	16,111	4.72	26,852	7.87	28,194	8.26	1,588	2,268	2,578	3.50	10.2
26	16,756	4.91	27,926	8.18	29,322	8.59	1,664	2,376	2,681	3.40	10.1
27	17,400	5.10	29,000	8.50	30,450	8.92	1,739	2,484	2,784	3.40	10.1
28	18,044	5.29	30,074	8.81	31,578	9.25	1,944	2,592	2,887	3.40	10.0
29	18,689	5.48	31,148	9.13	32,706	9.59	2,025	2,700	2,990	3.40	10.0
30	19,333	5.67	32,222	9.44	33,833	9.92	2,106	2,808	3,093	3.40	9.9
31	19,978	5.86	33,296	9.76	34,961	10.25	2,275	2,916	3,196	3.30	9.9
32	20,622	6.04	34,370	10.07	36,089	10.58	2,359	3,024	3,299	3.30	9.8
33	21,267	6.23	35,444	10.39	37,217	10.91	2,443	3,132	3,402	3.30	9.8
34	21,911	6.42	36,519	10.70	38,344	11.24	2,527	3,240	3,505	3.30	9.7
35	22,556	6.61	37,593	11.02	39,472	11.57	2,679	3,348	3,609	3.30	9.7
36	23,200	6.80	38,667	11.33	40,600	11.90	2,765	3,456	3,712	3.30	9.6
37	23,844	6.99	39,741	11.65	41,728	12.23	2,851	3,564	3,815	3.30	9.6
38	24,489	7.18	40,815	11.96	42,856	12.56	2,938	3,672	3,918	3.30	9.5
39	25,133	7.37	41,889	12.28	43,983	12.89	3,024	3,780	4,021	3.20	9.5
40	25,778	7.56	42,963	12.59	45,111	13.22	3,111	3,888	4,124	3.20	9.4
41	26,422	7.74	44,037	12.91	46,239	13.55	3,197	3,996	4,227	3.20	9.4
42	27,067	7.93	45,111	13.22	47,367	13.88	3,283	4,104	4,330	3.20	9.3
43	27,711	8.12	46,185	13.54	48,494	14.21	3,370	4,212	4,433	3.20	9.3
44	28,356	8.31	47,259	13.85	49,622	14.54	3,456	4,320	4,536	3.20	9.2
45	29,000	8.50	48,333	14.17	50,750	14.87	3,543	4,428	4,640	3.20	9.2
46	29,644	8.69	49,407	14.48	51,878	15.20	3,629	4,536	4,743	3.20	9.1
47	30,289	8.88	50,481	14.80	53,006	15.54	3,715	4,644	4,846	3.20	9.1
48	30,933	9.07	51,556	15.11	54,133	15.87	3,802	4,752	4,949	3.20	9.0
49	31,578	9.25	52,630	15.42	55,261	16.20	3,888	4,860	5,052	3.20	9.0
50	32,222	9.44	53,704	15.74	56,389	16.53	3,974	4,968	5,155	3.20	8.9
51	32,867	9.63	54,778	16.05	57,517	16.86	4,061	5,076	5,258	3.20	8.9
52	33,511	9.82	55,852	16.37	58,644	17.19	4,147	5,184	5,361	3.20	8.8
53	34,156	10.01	56,926	16.68	59,772	17.52	4,234	5,292	5,464	3.20	8.8
54	34,800	10.20	58,000	17.00	60,900	17.85	4,320	5,400	5,567	3.10	8.7
55	35,233	10.33	58,183	17.05	61,063	17.90	4,345	5,432	5,600	3.10	8.7
56	35,667	10.45	58,366	17.11	61,226	17.94	4,371	5,464	5,633	3.10	8.7
57	36,100	10.58	58,549	17.16	61,389	17.99	4,396	5,495	5,666	3.10	8.7
58	36,534	10.71	58,733	17.21	61,553	18.04	4,422	5,527	5,698	3.10	8.7
59	36,967	10.83	58,916	17.27	61,716	18.09	4,447	5,559	5,731	3.10	8.7
60	37,401	10.96	59,099	17.32	61,879	18.14	4,473	5,591	5,764	3.10	8.7
61	37,834	11.09	59,282	17.37	62,042	18.18	4,498	5,623	5,797	3.10	8.7
62	38,268	11.22	59,465	17.43	62,205	18.23	4,524	5,654	5,830	3.10	8.7
63	38,701	11.34	59,648	17.48	62,368	18.28	4,549	5,686	5,862	3.10	8.7
64	39,135	11.47	59,832	17.54	62,532	18.33	4,574	5,718	5,895	3.10	8.7
65	39,568	11.60	60,015	17.59	62,695	18.37	4,600	5,750	5,928	3.10	8.7
66	40,002	11.72	60,198	17.64	62,858	18.42	4,625	5,782	5,961	3.10	8.7
67	40,435	11.85	60,381	17.70	63,021	18.47	4,651	5,813	5,993	3.00	8.7
68	40,869	11.98	60,564	17.75	63,184	18.52	4,676	5,845	6,026	3.00	8.7
69	41,302	12.10	60,747	17.80	63,347	18.57	4,702	5,877	6,059	3.00	8.7
70	41,736	12.23	60,931	17.86	63,511	18.61	4,727	5,909	6,092	3.00	8.7
71	42,169	12.36	61,114	17.91	63,674	18.66	4,753	5,941	6,124	3.00	8.7
72	42,603	12.49	61,297	17.97	63,837	18.71	4,778	5,972	6,157	3.00	8.7
73	43,036	12.61	61,480	18.02	64,000	18.76	4,803	6,004	6,190	3.00	8.7

[1]Capacity as rated: 0 ft. above sea level with Piping Length as Main Pipe (16.4 ft.) + Branch pipe (98.4 ft.) = 115 ft.
0 ft. level difference between outdoor and indoor units.

[2]Heating capacity rating obtained with air entering the indoor unit at 70ºF dry bulb (DB) and 60ºF wet bulb (WB), and outdoor ambient conditions of 47ºF dry bulb (DB) and 43ºF wet bulb (WB).

[3]Wiring cable size must comply with the applicable local and national codes.

[4]The specification may be subject to change without prior notice for purpose of improvement.

[5]Sum of connected indoor units capacity is 24~73 kBtu/h.

[6]At least two indoor units should be connected.

Due to our policy of continuous product innovation, some specifications may change without notification.
©LG Electronics U.S.A., Inc., Englewood Cliffs, NJ. All rights reserved. "LG" is a registered trademark of LG Corp.

PERFORMANCE DATA

Rated Heating Combination Tables

Table 121: LMU540HV with Ducted Indoor Units — Rated Heating Combination Table.

Total Indoor Unit Capacity (kBtu/h)	Heating Capacity						Input (W)			COP	HSPF
	Minimum		Rated		Maximum		Minimum	Rated	Maximum		
	Btu/h	kW	Btu/h	kW	Btu/h	kW					
24	15,467	4.53	25,778	7.56	27,067	7.93	1,490	2,310	2,557	3.30	9.8
25	16,111	4.72	26,852	7.87	28,194	8.26	1,645	2,419	2,663	3.30	9.7
26	16,756	4.91	27,926	8.18	29,322	8.59	1,719	2,528	2,770	3.20	9.6
27	17,400	5.10	29,000	8.50	30,450	8.92	1,793	2,637	2,876	3.20	9.6
28	18,044	5.29	30,074	8.81	31,578	9.25	1,977	2,746	2,983	3.20	9.5
29	18,689	5.48	31,148	9.13	32,706	9.59	2,055	2,855	3,090	3.20	9.5
30	19,333	5.67	32,222	9.44	33,833	9.92	2,134	2,964	3,196	3.20	9.4
31	19,978	5.86	33,296	9.76	34,961	10.25	2,304	3,073	3,303	3.20	9.3
32	20,622	6.04	34,370	10.07	36,089	10.58	2,386	3,182	3,409	3.20	9.3
33	21,267	6.23	35,444	10.39	37,217	10.91	2,468	3,291	3,516	3.20	9.2
34	21,911	6.42	36,519	10.70	38,344	11.24	2,550	3,400	3,622	3.10	9.2
35	22,556	6.61	37,593	11.02	39,472	11.57	2,737	3,509	3,729	3.10	9.1
36	23,200	6.80	38,667	11.33	40,600	11.90	2,822	3,618	3,835	3.10	9.0
37	23,844	6.99	39,741	11.65	41,728	12.23	2,907	3,727	3,942	3.10	9.0
38	24,489	7.18	40,815	11.96	42,856	12.56	2,992	3,836	4,048	3.10	8.9
39	25,133	7.37	41,889	12.28	43,983	12.89	3,156	3,945	4,155	3.10	8.9
40	25,778	7.56	42,963	12.59	45,111	13.22	3,243	4,054	4,261	3.10	8.8
41	26,422	7.74	44,037	12.91	46,239	13.55	3,330	4,163	4,368	3.10	8.8
42	27,067	7.93	45,111	13.22	47,367	13.88	3,417	4,272	4,475	3.10	8.7
43	27,711	8.12	46,185	13.54	48,494	14.21	3,505	4,381	4,581	3.10	8.6
44	28,356	8.31	47,259	13.85	49,622	14.54	3,592	4,490	4,688	3.10	8.6
45	29,000	8.50	48,333	14.17	50,750	14.87	3,679	4,599	4,794	3.10	8.5
46	29,644	8.69	49,407	14.48	51,878	15.20	3,766	4,708	4,901	3.10	8.5
47	30,289	8.88	50,481	14.80	53,006	15.54	3,854	4,817	5,007	3.10	8.4
48	30,933	9.07	51,556	15.11	54,133	15.87	3,941	4,926	5,114	3.10	8.3
49	31,578	9.25	52,630	15.42	55,261	16.20	4,028	5,035	5,220	3.10	8.3
50	32,222	9.44	53,704	15.74	56,389	16.53	4,115	5,144	5,327	3.10	8.2
51	32,867	9.63	54,778	16.05	57,517	16.86	4,202	5,253	5,433	3.10	8.2
52	33,511	9.82	55,852	16.37	58,644	17.19	4,290	5,362	5,540	3.10	8.1
53	34,156	10.01	56,926	16.68	59,772	17.52	4,377	5,471	5,646	3.00	8.1
54	34,800	10.20	58,000	17.00	60,900	17.85	4,464	5,580	5,753	3.00	8.0
55	35,233	10.33	58,183	17.05	61,021	17.88	4,482	5,602	5,776	3.00	8.0
56	35,667	10.45	58,366	17.11	61,142	17.92	4,500	5,625	5,799	3.00	8.0
57	36,100	10.58	58,549	17.16	61,263	17.96	4,518	5,647	5,822	3.00	8.0
58	36,534	10.71	58,733	17.21	61,384	17.99	4,535	5,669	5,845	3.00	8.0
59	36,967	10.83	58,916	17.27	61,505	18.03	4,553	5,692	5,868	3.00	8.0
60	37,401	10.96	59,099	17.32	61,626	18.06	4,571	5,714	5,891	3.00	8.0
61	37,834	11.09	59,282	17.37	61,747	18.10	4,589	5,736	5,914	3.00	8.0
62	38,268	11.22	59,465	17.43	61,868	18.13	4,607	5,759	5,937	3.00	8.0
63	38,701	11.34	59,648	17.48	61,989	18.17	4,625	5,781	5,960	3.00	8.0
64	39,135	11.47	59,832	17.54	62,111	18.20	4,643	5,803	5,983	3.00	8.0
65	39,568	11.60	60,015	17.59	62,232	18.24	4,661	5,826	6,006	3.00	8.0
66	40,002	11.72	60,198	17.64	62,353	18.27	4,678	5,848	6,029	3.00	8.0
67	40,435	11.85	60,381	17.70	62,474	18.31	4,696	5,870	6,052	3.00	8.0
68	40,869	11.98	60,564	17.75	62,595	18.35	4,714	5,893	6,075	3.00	8.0
69	41,302	12.10	60,747	17.80	62,716	18.38	4,732	5,915	6,098	3.00	8.0
70	41,736	12.23	60,931	17.86	62,837	18.42	4,750	5,937	6,121	3.00	8.0
71	42,169	12.36	61,114	17.91	62,958	18.45	4,768	5,960	6,144	3.00	8.0
72	42,603	12.49	61,297	17.97	63,079	18.49	4,786	5,982	6,167	3.00	8.0
73	43,036	12.61	61,480	18.02	63,200	18.52	4,803	6,004	6,190	3.00	8.0

[1]Capacity as rated: 0 ft. above sea level with Piping Length as Main Pipe (16.4 ft.) + Branch pipe (98.4 ft.) = 115 ft.
0 ft. level difference between outdoor and indoor units.

[2]Heating capacity rating obtained with air entering the indoor unit at 70ºF dry bulb (DB) and 60ºF wet bulb (WB), and outdoor ambient conditions of 47ºF dry bulb (DB) and 43ºF wet bulb (WB).

[3]Wiring cable size must comply with the applicable local and national codes.

[4]The specification may be subject to change without prior notice for purpose of improvement.

[5]Sum of connected indoor units capacity is 24~73 kBtu/h.

[6]At least two indoor units should be connected.

Due to our policy of continuous product innovation, some specifications may change without notification.
©LG Electronics U.S.A., Inc., Englewood Cliffs, NJ. All rights reserved. "LG" is a registered trademark of LG Corp.

PERFORMANCE DATA

Rated Heating Combination Tables

Table 122: LMU540HV with Mixed Indoor Units — Rated Heating Combination Table.

Total Indoor Unit Capacity (kBtu/h)	Heating Capacity						Input (W)			COP	HSPF
	Minimum		Rated		Maximum		Minimum	Rated	Maximum		
	Btu/h	kW	Btu/h	kW	Btu/h	kW					
24	15,467	4.53	25,778	7.56	27,067	7.93	1,490	2,235	2,516	3.40	10.1
25	16,111	4.72	26,852	7.87	28,194	8.26	1,616	2,344	2,620	3.40	9.9
26	16,756	4.91	27,926	8.18	29,322	8.59	1,691	2,452	2,725	3.30	9.9
27	17,400	5.10	29,000	8.50	30,450	8.92	1,766	2,561	2,830	3.30	9.8
28	18,044	5.29	30,074	8.81	31,578	9.25	1,961	2,669	2,935	3.30	9.8
29	18,689	5.48	31,148	9.13	32,706	9.59	2,040	2,778	3,040	3.30	9.7
30	19,333	5.67	32,222	9.44	33,833	9.92	2,120	2,886	3,145	3.30	9.7
31	19,978	5.86	33,296	9.76	34,961	10.25	2,290	2,995	3,249	3.25	9.6
32	20,622	6.04	34,370	10.07	36,089	10.58	2,373	3,103	3,354	3.25	9.6
33	21,267	6.23	35,444	10.39	37,217	10.91	2,456	3,212	3,459	3.25	9.5
34	21,911	6.42	36,519	10.70	38,344	11.24	2,539	3,320	3,564	3.20	9.4
35	22,556	6.61	37,593	11.02	39,472	11.57	2,708	3,429	3,669	3.20	9.4
36	23,200	6.80	38,667	11.33	40,600	11.90	2,793	3,537	3,773	3.20	9.3
37	23,844	6.99	39,741	11.65	41,728	12.23	2,879	3,646	3,878	3.20	9.3
38	24,489	7.18	40,815	11.96	42,856	12.56	2,965	3,754	3,983	3.20	9.2
39	25,133	7.37	41,889	12.28	43,983	12.89	3,090	3,863	4,088	3.15	9.2
40	25,778	7.56	42,963	12.59	45,111	13.22	3,177	3,971	4,193	3.15	9.1
41	26,422	7.74	44,037	12.91	46,239	13.55	3,264	4,080	4,298	3.15	9.1
42	27,067	7.93	45,111	13.22	47,367	13.88	3,350	4,188	4,402	3.15	9.0
43	27,711	8.12	46,185	13.54	48,494	14.21	3,437	4,297	4,507	3.15	9.0
44	28,356	8.31	47,259	13.85	49,622	14.54	3,524	4,405	4,612	3.15	8.9
45	29,000	8.50	48,333	14.17	50,750	14.87	3,611	4,514	4,717	3.15	8.8
46	29,644	8.69	49,407	14.48	51,878	15.20	3,698	4,622	4,822	3.15	8.8
47	30,289	8.88	50,481	14.80	53,006	15.54	3,784	4,731	4,926	3.15	8.7
48	30,933	9.07	51,556	15.11	54,133	15.87	3,871	4,839	5,031	3.15	8.7
49	31,578	9.25	52,630	15.42	55,261	16.20	3,958	4,948	5,136	3.15	8.6
50	32,222	9.44	53,704	15.74	56,389	16.53	4,045	5,056	5,241	3.15	8.6
51	32,867	9.63	54,778	16.05	57,517	16.86	4,132	5,165	5,346	3.15	8.5
52	33,511	9.82	55,852	16.37	58,644	17.19	4,218	5,273	5,451	3.15	8.5
53	34,156	10.01	56,926	16.68	59,772	17.52	4,305	5,382	5,555	3.10	8.4
54	34,800	10.20	58,000	17.00	60,900	17.85	4,392	5,490	5,660	3.05	8.35
55	35,233	10.33	58,183	17.05	61,042	17.89	4,414	5,517	5,688	3.05	8.35
56	35,667	10.45	58,366	17.11	61,184	17.93	4,435	5,544	5,716	3.05	8.35
57	36,100	10.58	58,549	17.16	61,326	17.97	4,457	5,571	5,744	3.05	8.35
58	36,534	10.71	58,733	17.21	61,468	18.02	4,479	5,598	5,772	3.05	8.35
59	36,967	10.83	58,916	17.27	61,611	18.06	4,500	5,625	5,800	3.05	8.35
60	37,401	10.96	59,099	17.32	61,753	18.10	4,522	5,652	5,827	3.05	8.35
61	37,834	11.09	59,282	17.37	61,895	18.14	4,544	5,679	5,855	3.05	8.35
62	38,268	11.22	59,465	17.43	62,037	18.18	4,565	5,707	5,883	3.05	8.35
63	38,701	11.34	59,648	17.48	62,179	18.22	4,587	5,734	5,911	3.05	8.35
64	39,135	11.47	59,832	17.54	62,321	18.27	4,609	5,761	5,939	3.05	8.35
65	39,568	11.60	60,015	17.59	62,463	18.31	4,630	5,788	5,967	3.05	8.35
66	40,002	11.72	60,198	17.64	62,605	18.35	4,652	5,815	5,995	3.05	8.35
67	40,435	11.85	60,381	17.70	62,747	18.39	4,674	5,842	6,023	3.00	8.35
68	40,869	11.98	60,564	17.75	62,889	18.43	4,695	5,869	6,051	3.00	8.35
69	41,302	12.10	60,747	17.80	63,032	18.47	4,717	5,896	6,078	3.00	8.35
70	41,736	12.23	60,931	17.86	63,174	18.52	4,738	5,923	6,106	3.00	8.35
71	42,169	12.36	61,114	17.91	63,316	18.56	4,760	5,950	6,134	3.00	8.35
72	42,603	12.49	61,297	17.97	63,458	18.60	4,782	5,977	6,162	3.00	8.35
73	43,036	12.61	61,480	18.02	63,600	18.64	4,803	6,004	6,190	3.00	8.35

[1]Capacity as rated: 0 ft. above sea level with Piping Length as Main Pipe (16.4 ft.) + Branch pipe (98.4 ft.) = 115 ft.
0 ft. level difference between outdoor and indoor units.

[2]Heating capacity rating obtained with air entering the indoor unit at 70°F dry bulb (DB) and 60°F wet bulb (WB), and outdoor ambient conditions of 47°F dry bulb (DB) and 43°F wet bulb (WB).

[3]Wiring cable size must comply with the applicable local and national codes.

[4]The specification may be subject to change without prior notice for purpose of improvement.

[5]Sum of connected indoor units capacity is 24~73 kBtu/h.

[6]At least two indoor units should be connected.

Due to our policy of continuous product innovation, some specifications may change without notification.
©LG Electronics U.S.A., Inc., Englewood Cliffs, NJ. All rights reserved. "LG" is a registered trademark of LG Corp.

PERFORMANCE DATA

Cooling Capacity Tables

Table 123: LMU540HV Cooling Capacity Table — Non-Ducted Indoor Units.

Combination Capacity Index (kBtu/h[%])	Outdoor Air Temp. (°F DB)	Indoor Air Temp. °F DB / °F WB											
		68 / 57		73 / 61		77 / 64		80 / 67		86 / 72		90 / 75	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
Non-Ducted Indoor Units 73 (135%)	14	54.55	3.55	57.94	3.68	61.33	3.82	63.78	3.86	68.11	3.94	71.49	4.01
	20	54.51	3.61	57.90	3.74	61.28	3.87	63.73	3.92	68.05	3.99	71.44	4.07
	25	54.47	3.66	57.85	3.79	61.24	3.93	63.68	3.97	68.00	4.05	71.38	4.13
	30	54.43	3.71	57.81	3.84	61.19	3.98	63.63	4.03	67.95	4.10	71.33	4.19
	35	54.39	3.76	57.76	3.90	61.14	4.04	63.58	4.08	67.90	4.16	71.28	4.25
	40	54.35	3.81	57.72	3.95	61.10	4.09	63.53	4.14	67.85	4.22	71.22	4.30
	45	54.30	3.86	57.68	4.00	61.05	4.15	63.48	4.20	67.79	4.27	71.17	4.36
	50	54.26	3.91	57.63	4.05	61.00	4.20	63.44	4.25	67.74	4.33	71.11	4.42
	55	54.22	3.96	57.59	4.11	60.96	4.26	63.39	4.31	67.69	4.39	71.06	4.48
	60	54.18	4.01	57.54	4.16	60.91	4.31	63.34	4.36	67.64	4.44	71.00	4.53
	65	54.14	4.07	57.50	4.21	60.86	4.37	63.29	4.42	67.59	4.50	70.95	4.59
	70	54.10	4.12	57.46	4.27	60.82	4.42	63.24	4.47	67.53	4.56	70.89	4.65
	75	52.79	4.34	56.15	4.50	59.50	4.66	61.92	4.71	66.20	4.80	69.55	4.90
	80	51.49	4.56	54.84	4.73	58.18	4.90	60.59	4.96	64.86	5.05	68.21	5.15
	85	50.20	4.78	53.54	4.96	56.87	5.14	59.28	5.20	63.54	5.29	66.88	5.40
	90	48.91	5.00	52.24	5.19	55.56	5.38	57.97	5.44	62.22	5.54	65.54	5.65
	95	47.51	5.23	50.82	5.42	54.13	5.62	**55.65**	**5.68**	60.75	5.79	64.06	5.90
	100	46.35	5.45	49.66	5.65	52.97	5.85	54.93	5.92	59.59	6.03	62.90	6.15
	105	45.20	5.67	48.51	5.88	51.82	6.09	54.21	6.16	58.44	6.28	61.75	6.40
	110	44.04	5.89	47.35	6.11	50.66	6.33	53.05	6.40	57.28	6.52	60.59	6.66
	115	42.88	6.11	46.19	6.34	49.50	6.57	51.89	6.65	56.12	6.77	59.43	6.91
	118	42.19	6.25	45.50	6.48	48.81	6.71	51.20	6.79	55.43	6.92	58.74	7.06
	122	41.96	6.43	45.27	6.66	48.58	6.90	50.97	6.98	55.20	7.11	58.51	7.26
Non-Ducted Indoor Units 70 (130%)	14	54.06	3.50	57.42	3.63	60.78	3.76	63.20	3.80	67.49	3.87	70.85	3.95
	20	54.02	3.55	57.38	3.68	60.73	3.81	63.16	3.86	67.44	3.93	70.80	4.01
	25	53.98	3.60	57.33	3.73	60.69	3.87	63.11	3.91	67.39	3.98	70.74	4.06
	30	53.94	3.65	57.29	3.78	60.64	3.92	63.06	3.97	67.34	4.04	70.69	4.12
	35	53.90	3.70	57.25	3.83	60.59	3.97	63.01	4.02	67.29	4.10	70.64	4.18
	40	53.86	3.75	57.20	3.89	60.55	4.03	62.96	4.07	67.24	4.15	70.58	4.23
	45	53.82	3.80	57.16	3.94	60.50	4.08	62.91	4.13	67.18	4.21	70.53	4.29
	50	53.77	3.85	57.11	3.99	60.45	4.14	62.87	4.18	67.13	4.26	70.47	4.35
	55	53.73	3.90	57.07	4.04	60.41	4.19	62.82	4.24	67.08	4.32	70.42	4.40
	60	53.69	3.95	57.03	4.09	60.36	4.24	62.77	4.29	67.03	4.37	70.36	4.46
	65	53.65	4.00	56.98	4.15	60.31	4.30	62.72	4.35	66.98	4.43	70.31	4.52
	70	53.61	4.05	56.94	4.20	60.27	4.35	62.67	4.40	66.93	4.48	70.26	4.58
	75	52.32	4.27	55.64	4.43	58.96	4.59	61.36	4.64	65.60	4.73	68.93	4.82
	80	51.03	4.49	54.34	4.65	57.66	4.82	60.05	4.88	64.28	4.97	67.59	5.07
	85	49.75	4.71	53.06	4.88	56.36	5.06	58.75	5.11	62.97	5.21	66.28	5.32
	90	48.47	4.93	51.77	5.11	55.07	5.29	57.45	5.35	61.66	5.45	64.96	5.56
	95	47.08	5.14	50.36	5.33	53.65	5.53	**55.15**	**5.59**	60.21	5.69	63.49	5.81
	100	45.94	5.36	49.22	5.56	52.50	5.76	54.44	5.83	59.06	5.94	62.34	6.06
	105	44.79	5.58	48.07	5.78	51.35	6.00	53.72	6.07	57.91	6.18	61.19	6.30
	110	43.64	5.80	46.93	6.01	50.21	6.23	52.57	6.30	56.77	6.42	60.05	6.55
	115	42.50	6.02	45.78	6.24	49.06	6.47	51.43	6.54	55.62	6.66	58.90	6.80
	118	41.81	6.15	45.09	6.37	48.37	6.61	50.74	6.68	54.93	6.81	58.21	6.94
	122	41.58	6.32	44.86	6.55	48.14	6.79	50.51	6.87	54.70	7.00	57.98	7.14

TC = Total Capacity (kBtu/h).

PI = Power Input (kW).

Nominal capacity as rated: 0 ft. above sea level with Piping Length as Main Pipe (16.4 ft.) + Branch pipe (98.4 ft.) = 115 ft.
0 ft. level difference between outdoor and indoor units.

Nominal cooling capacity rating obtained with air entering the indoor unit at 80ºF dry bulb (DB) and 67ºF wet bulb (WB), and outdoor ambient conditions of 95ºF dry bulb (DB) and 75ºF wet bulb (WB).

The shaded table columns and rows indicate reference data. When operating at this temperature, these values can be different if the system is not running consistently.

Due to our policy of continuous product innovation, some specifications may change without notification.
©LG Electronics U.S.A., Inc., Englewood Cliffs, NJ. All rights reserved. "LG" is a registered trademark of LG Corp.

Table 124: LMU540HV Cooling Capacity Table — Non-Ducted Indoor Units (continued).

Combination Capacity Index (kBtu/h[%])	Outdoor Air Temp. (°F DB)	Indoor Air Temp. °F DB / °F WB											
		68 / 57		73 / 61		77 / 64		80 / 67		86 / 72		90 / 75	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
Non-Ducted Indoor Units 65 (120%)	14	53.25	3.40	56.56	3.53	59.86	3.66	62.25	3.70	66.48	3.77	69.79	3.84
	20	53.21	3.45	56.51	3.58	59.82	3.71	62.20	3.75	66.43	3.82	69.73	3.90
	25	53.17	3.50	56.47	3.63	59.77	3.76	62.16	3.81	66.38	3.88	69.68	3.96
	30	53.13	3.55	56.43	3.68	59.73	3.82	62.11	3.86	66.33	3.93	69.63	4.01
	35	53.09	3.60	56.38	3.73	59.68	3.87	62.06	3.91	66.28	3.99	69.57	4.07
	40	53.05	3.65	56.34	3.78	59.64	3.92	62.01	3.97	66.22	4.04	69.52	4.12
	45	53.01	3.70	56.30	3.83	59.59	3.97	61.97	4.02	66.17	4.09	69.47	4.18
	50	52.97	3.75	56.25	3.88	59.54	4.03	61.92	4.07	66.12	4.15	69.41	4.23
	55	52.92	3.80	56.21	3.93	59.50	4.08	61.87	4.12	66.07	4.20	69.36	4.29
	60	52.88	3.84	56.17	3.98	59.45	4.13	61.82	4.18	66.02	4.26	69.31	4.34
	65	52.84	3.89	56.13	4.04	59.41	4.18	61.78	4.23	65.97	4.31	69.25	4.40
	70	52.80	3.94	56.08	4.09	59.36	4.24	61.73	4.28	65.92	4.36	69.20	4.45
	75	51.53	4.16	54.80	4.31	58.07	4.46	60.44	4.52	64.62	4.60	67.89	4.69
	80	50.26	4.37	53.52	4.53	56.79	4.69	59.14	4.75	63.31	4.84	66.58	4.93
	85	49.00	4.58	52.26	4.75	55.51	4.92	57.86	4.98	62.02	5.07	65.28	5.17
	90	47.74	4.79	50.99	4.97	54.24	5.15	56.58	5.21	60.73	5.31	63.98	5.41
	95	46.38	5.01	49.61	5.19	52.84	5.38	**54.32**	**5.44**	59.30	5.54	62.53	5.65
	100	45.25	5.22	48.48	5.41	51.71	5.61	53.62	5.67	58.17	5.78	61.40	5.89
	105	44.12	5.43	47.35	5.63	50.58	5.84	52.91	5.90	57.04	6.01	60.27	6.13
	110	42.99	5.64	46.22	5.85	49.45	6.06	51.78	6.13	55.91	6.25	59.14	6.37
	115	41.86	5.86	45.09	6.07	48.32	6.29	50.65	6.36	54.78	6.48	58.01	6.61
	118	41.18	5.98	44.41	6.20	47.64	6.43	49.98	6.50	54.10	6.63	57.34	6.76
	122	40.96	6.15	44.19	6.38	47.42	6.61	49.75	6.69	53.88	6.81	57.11	6.95
Non-Ducted Indoor Units 59 (110%)	14	52.28	3.29	55.53	3.41	58.77	3.53	61.12	3.57	65.27	3.64	68.51	3.71
	20	52.24	3.33	55.48	3.45	58.73	3.58	61.07	3.62	65.22	3.69	68.46	3.76
	25	52.20	3.38	55.44	3.50	58.68	3.63	61.02	3.67	65.17	3.74	68.41	3.82
	30	52.16	3.43	55.40	3.55	58.64	3.68	60.98	3.72	65.12	3.79	68.36	3.87
	35	52.12	3.47	55.36	3.60	58.59	3.73	60.93	3.78	65.07	3.85	68.30	3.92
	40	52.08	3.52	55.31	3.65	58.55	3.78	60.88	3.83	65.02	3.90	68.25	3.98
	45	52.04	3.57	55.27	3.70	58.50	3.83	60.84	3.88	64.97	3.95	68.20	4.03
	50	52.00	3.62	55.23	3.75	58.46	3.88	60.79	3.93	64.92	4.00	68.15	4.08
	55	51.96	3.66	55.19	3.80	58.41	3.94	60.74	3.98	64.87	4.06	68.10	4.14
	60	51.92	3.71	55.14	3.85	58.37	3.99	60.70	4.03	64.82	4.11	68.04	4.19
	65	51.88	3.76	55.10	3.89	58.32	4.04	60.65	4.08	64.77	4.16	67.99	4.24
	70	51.84	3.80	55.06	3.94	58.28	4.09	60.60	4.13	64.72	4.21	67.94	4.30
	75	50.59	4.01	53.80	4.16	57.02	4.31	59.34	4.36	63.44	4.44	66.65	4.53
	80	49.35	4.22	52.55	4.37	55.75	4.53	58.07	4.58	62.16	4.67	65.36	4.76
	85	48.11	4.42	51.30	4.58	54.50	4.75	56.81	4.80	60.89	4.89	64.09	4.99
	90	46.87	4.63	50.06	4.79	53.25	4.97	55.55	5.03	59.62	5.12	62.81	5.22
	95	45.53	4.83	48.70	5.01	51.87	5.19	**53.33**	**5.25**	58.22	5.35	61.39	5.46
	100	44.42	5.04	47.59	5.22	50.77	5.41	52.64	5.47	57.11	5.58	60.28	5.69
	105	43.31	5.24	46.49	5.43	49.66	5.63	51.95	5.70	56.00	5.80	59.17	5.92
	110	42.20	5.45	45.38	5.65	48.55	5.85	50.84	5.92	54.89	6.03	58.06	6.15
	115	41.10	5.65	44.27	5.86	47.44	6.07	49.73	6.14	53.78	6.26	56.96	6.38
	118	40.43	5.78	43.60	5.99	46.77	6.20	49.07	6.28	53.12	6.39	56.29	6.52
	122	40.21	5.94	43.38	6.16	46.55	6.38	48.84	6.45	52.90	6.58	56.07	6.71

TC = Total Capacity (kBtu/h).

PI = Power Input (kW).

Nominal capacity as rated: 0 ft. above sea level with Piping Length as Main Pipe (16.4 ft.) + Branch pipe (98.4 ft.) = 115 ft.
0 ft. level difference between outdoor and indoor units.

Nominal cooling capacity rating obtained with air entering the indoor unit at 80ºF dry bulb (DB) and 67ºF wet bulb (WB), and outdoor ambient conditions of 95ºF dry bulb (DB) and 75ºF wet bulb (WB).

The shaded table columns and rows indicate reference data. When operating at this temperature, these values can be different if the system is not running consistently.

Due to our policy of continuous product innovation, some specifications may change without notification.
©LG Electronics U.S.A., Inc., Englewood Cliffs, NJ. All rights reserved. "LG" is a registered trademark of LG Corp.

PERFORMANCE DATA

Cooling Capacity Tables

Table 125: LMU540HV Cooling Capacity Table — Non-Ducted Indoor Units.

Combination Capacity Index (kBtu/h[%])	Outdoor Air Temp. (°F DB)	Indoor Air Temp. °F DB / °F WB											
		68 / 57		73 / 61		77 / 64		80 / 67		86 / 72		90 / 75	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
Non-Ducted Indoor Units 54 (100%)	14	51.47	3.19	54.66	3.31	57.86	3.43	60.17	3.47	64.25	3.53	67.45	3.60
	20	51.43	3.24	54.62	3.36	57.81	3.48	60.12	3.52	64.20	3.58	67.40	3.66
	25	51.39	3.28	54.58	3.40	57.77	3.53	60.07	3.57	64.15	3.63	67.34	3.71
	30	51.35	3.33	54.54	3.45	57.73	3.58	60.03	3.62	64.10	3.69	67.29	3.76
	35	51.31	3.38	54.50	3.50	57.68	3.63	59.98	3.67	64.05	3.74	67.24	3.81
	40	51.27	3.42	54.45	3.55	57.64	3.68	59.94	3.72	64.01	3.79	67.19	3.86
	45	51.23	3.47	54.41	3.59	57.59	3.72	59.89	3.77	63.96	3.84	67.14	3.92
	50	51.19	3.51	54.37	3.64	57.55	3.77	59.85	3.82	63.91	3.89	67.09	3.97
	55	51.15	3.56	54.33	3.69	57.51	3.82	59.80	3.87	63.86	3.94	67.04	4.02
	60	51.11	3.60	54.29	3.74	57.46	3.87	59.75	3.92	63.81	3.99	66.98	4.07
	65	51.07	3.65	54.24	3.78	57.42	3.92	59.71	3.97	63.76	4.04	66.93	4.12
	70	51.03	3.70	54.20	3.83	57.37	3.97	59.66	4.02	63.71	4.09	66.88	4.17
	75	49.81	3.90	52.97	4.04	56.13	4.19	58.41	4.23	62.45	4.31	65.61	4.40
	80	48.58	4.09	51.73	4.24	54.89	4.40	57.16	4.45	61.19	4.53	64.35	4.62
	85	47.36	4.29	50.51	4.45	53.65	4.61	55.92	4.67	59.94	4.75	63.09	4.85
	90	46.14	4.49	49.28	4.66	52.42	4.83	54.69	4.88	58.70	4.97	61.83	5.07
	95	44.82	4.69	47.94	4.86	51.07	5.04	**52.50**	**5.10**	57.31	5.20	60.44	5.30
	100	43.73	4.89	46.85	5.07	49.98	5.26	51.82	5.32	56.22	5.42	59.34	5.53
	105	42.64	5.09	45.76	5.28	48.88	5.47	51.14	5.53	55.13	5.64	58.25	5.75
	110	41.55	5.29	44.67	5.48	47.79	5.68	50.05	5.75	54.04	5.86	57.16	5.98
	115	40.46	5.49	43.58	5.69	46.70	5.90	48.96	5.97	52.95	6.08	56.07	6.20
	118	39.80	5.61	42.92	5.82	46.05	6.03	48.30	6.10	52.29	6.21	55.41	6.34
	122	39.58	5.77	42.71	5.98	45.83	6.20	48.08	6.27	52.07	6.39	55.20	6.52
Non-Ducted Indoor Units 49 (90%)	14	46.70	2.82	49.60	2.93	52.50	3.03	54.60	3.07	58.30	3.12	61.20	3.19
	20	46.67	2.86	49.56	2.97	52.46	3.08	54.56	3.11	58.26	3.17	61.16	3.23
	25	46.63	2.90	49.53	3.01	52.42	3.12	54.51	3.16	58.21	3.21	61.11	3.28
	30	46.59	2.94	49.49	3.05	52.38	3.16	54.47	3.20	58.17	3.26	61.06	3.32
	35	46.56	2.98	49.45	3.09	52.34	3.21	54.43	3.24	58.12	3.30	61.02	3.37
	40	46.52	3.03	49.41	3.14	52.30	3.25	54.39	3.29	58.08	3.35	60.97	3.42
	45	46.49	3.07	49.37	3.18	52.26	3.29	54.35	3.33	58.04	3.39	60.92	3.46
	50	46.45	3.11	49.34	3.22	52.22	3.34	54.31	3.38	57.99	3.44	60.88	3.51
	55	46.42	3.15	49.30	3.26	52.18	3.38	54.26	3.42	57.95	3.48	60.83	3.55
	60	46.38	3.19	49.26	3.30	52.14	3.42	54.22	3.46	57.90	3.53	60.78	3.60
	65	46.35	3.23	49.22	3.35	52.10	3.47	54.18	3.51	57.86	3.57	60.74	3.65
	70	46.31	3.27	49.19	3.39	52.06	3.51	54.14	3.55	57.81	3.62	60.69	3.69
	75	45.20	3.44	48.06	3.57	50.93	3.70	53.01	3.74	56.67	3.81	59.54	3.89
	80	44.08	3.62	46.94	3.75	49.80	3.89	51.87	3.94	55.53	4.01	58.39	4.09
	85	42.98	3.80	45.83	3.94	48.69	4.08	50.75	4.13	54.40	4.20	57.25	4.29
	90	41.87	3.97	44.72	4.12	47.57	4.27	49.62	4.32	53.26	4.40	56.11	4.49
	95	40.67	4.15	43.51	4.30	46.34	4.46	**47.64**	**4.51**	52.01	4.59	54.84	4.69
	100	39.68	4.33	42.52	4.48	45.35	4.65	47.02	4.70	51.02	4.79	53.85	4.89
	105	38.69	4.50	41.53	4.67	44.36	4.84	46.41	4.89	50.03	4.98	52.86	5.09
	110	37.70	4.68	40.54	4.85	43.37	5.03	45.42	5.08	49.04	5.18	51.87	5.28
	115	36.71	4.86	39.54	5.03	42.38	5.22	44.42	5.28	48.05	5.38	50.88	5.48
	118	36.12	4.96	38.95	5.14	41.78	5.33	43.83	5.39	47.45	5.49	50.28	5.60
	122	35.92	5.10	38.75	5.29	41.59	5.48	43.63	5.54	47.25	5.65	50.09	5.76

TC = Total Capacity (kBtu/h).

PI = Power Input (kW).

Nominal capacity as rated: 0 ft. above sea level with Piping Length as Main Pipe (16.4 ft.) + Branch pipe (98.4 ft.) = 115 ft.
0 ft. level difference between outdoor and indoor units.

Nominal cooling capacity rating obtained with air entering the indoor unit at 80ºF dry bulb (DB) and 67ºF wet bulb (WB), and outdoor ambient conditions of 95ºF dry bulb (DB) and 75ºF wet bulb (WB).

The shaded table columns and rows indicate reference data. When operating at this temperature, these values can be different if the system is not running consistently.

Due to our policy of continuous product innovation, some specifications may change without notification.
©LG Electronics U.S.A., Inc., Englewood Cliffs, NJ. All rights reserved. "LG" is a registered trademark of LG Corp.

Table 126: LMU540HV Cooling Capacity Table — Non-Ducted Indoor Units (continued).

Combination Capacity Index (kBtu/h[%])	Outdoor Air Temp. (°F DB)	Indoor Air Temp. °F DB / °F WB											
		68 / 57		73 / 61		77 / 64		80 / 67		86 / 72		90 / 75	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
Non-Ducted Indoor Units 43 (80%)	14	40.99	2.38	43.53	2.46	46.08	2.55	47.92	2.58	51.17	2.63	53.71	2.69
	20	40.95	2.41	43.50	2.50	46.04	2.59	47.88	2.62	51.13	2.67	53.67	2.72
	25	40.92	2.45	43.47	2.54	46.01	2.63	47.84	2.66	51.09	2.71	53.63	2.76
	30	40.89	2.48	43.43	2.57	45.97	2.66	47.81	2.70	51.05	2.75	53.59	2.80
	35	40.86	2.51	43.40	2.61	45.94	2.70	47.77	2.73	51.01	2.78	53.55	2.84
	40	40.83	2.55	43.37	2.64	45.90	2.74	47.73	2.77	50.97	2.82	53.51	2.88
	45	40.80	2.58	43.33	2.68	45.87	2.78	47.70	2.81	50.93	2.86	53.47	2.92
	50	40.77	2.62	43.30	2.71	45.83	2.81	47.66	2.84	50.89	2.90	53.43	2.96
	55	40.74	2.65	43.27	2.75	45.80	2.85	47.62	2.88	50.86	2.94	53.39	2.99
	60	40.70	2.69	43.23	2.78	45.76	2.89	47.59	2.92	50.82	2.97	53.34	3.03
	65	40.67	2.72	43.20	2.82	45.73	2.92	47.55	2.96	50.78	3.01	53.30	3.07
	70	40.64	2.75	43.17	2.85	45.69	2.96	47.51	2.99	50.74	3.05	53.26	3.11
	75	39.66	2.90	42.18	3.01	44.70	3.12	46.52	3.15	49.74	3.21	52.25	3.28
	80	38.69	3.05	41.20	3.16	43.71	3.28	45.52	3.32	48.73	3.38	51.24	3.45
	85	37.72	3.20	40.22	3.32	42.73	3.44	44.54	3.48	47.74	3.54	50.24	3.61
	90	36.75	3.35	39.25	3.47	41.75	3.60	43.55	3.64	46.74	3.71	49.24	3.78
	95	35.70	3.50	38.18	3.62	40.67	3.76	**41.81**	**3.80**	45.64	3.87	48.13	3.95
	100	34.83	3.65	37.31	3.78	39.80	3.92	41.27	3.96	44.77	4.04	47.26	4.12
	105	33.96	3.79	36.44	3.93	38.93	4.08	40.73	4.12	43.90	4.20	46.39	4.28
	110	33.09	3.94	35.57	4.09	38.06	4.24	39.86	4.28	43.03	4.36	45.52	4.45
	115	32.22	4.09	34.71	4.24	37.19	4.40	38.99	4.45	42.17	4.53	44.65	4.62
	118	31.70	4.18	34.18	4.33	36.67	4.49	38.47	4.54	41.64	4.63	44.13	4.72
	122	31.52	4.30	34.01	4.46	36.50	4.62	38.29	4.67	41.47	4.76	43.96	4.86
Non-Ducted Indoor Units 38 (70%)	14	36.21	2.01	38.46	2.08	40.71	2.16	42.33	2.18	45.21	2.22	47.46	2.27
	20	36.18	2.04	38.43	2.11	40.68	2.19	42.30	2.21	45.17	2.26	47.42	2.30
	25	36.16	2.07	38.40	2.14	40.65	2.22	42.27	2.25	45.14	2.29	47.38	2.33
	30	36.13	2.10	38.37	2.17	40.62	2.25	42.24	2.28	45.10	2.32	47.35	2.37
	35	36.10	2.12	38.34	2.20	40.59	2.28	42.21	2.31	45.07	2.35	47.31	2.40
	40	36.07	2.15	38.31	2.23	40.55	2.31	42.17	2.34	45.04	2.38	47.28	2.43
	45	36.05	2.18	38.29	2.26	40.52	2.34	42.14	2.37	45.00	2.42	47.24	2.46
	50	36.02	2.21	38.26	2.29	40.49	2.38	42.11	2.40	44.97	2.45	47.20	2.50
	55	35.99	2.24	38.23	2.32	40.46	2.41	42.08	2.43	44.93	2.48	47.17	2.53
	60	35.96	2.27	38.20	2.35	40.43	2.44	42.04	2.47	44.90	2.51	47.13	2.56
	65	35.94	2.30	38.17	2.38	40.40	2.47	42.01	2.50	44.86	2.54	47.09	2.59
	70	35.91	2.33	38.14	2.41	40.37	2.50	41.98	2.53	44.83	2.58	47.06	2.63
	75	35.04	2.45	37.27	2.54	39.49	2.63	41.10	2.66	43.94	2.71	46.17	2.77
	80	34.18	2.58	36.40	2.67	38.62	2.77	40.22	2.80	43.06	2.85	45.28	2.91
	85	33.32	2.70	35.54	2.80	37.75	2.90	39.35	2.94	42.18	2.99	44.39	3.05
	90	32.47	2.83	34.68	2.93	36.88	3.04	38.48	3.07	41.30	3.13	43.51	3.19
	95	31.54	2.95	33.73	3.06	35.93	3.17	**36.94**	**3.21**	40.33	3.27	42.52	3.34
	100	30.77	3.08	32.97	3.19	35.16	3.31	36.46	3.35	39.56	3.41	41.76	3.48
	105	30.00	3.20	32.20	3.32	34.40	3.44	35.98	3.48	38.79	3.55	40.99	3.62
	110	29.23	3.33	31.43	3.45	33.63	3.58	35.21	3.62	38.02	3.69	40.22	3.76
	115	28.47	3.46	30.66	3.58	32.86	3.71	34.45	3.76	37.25	3.83	39.45	3.90
	118	28.01	3.53	30.20	3.66	32.40	3.79	33.99	3.84	36.79	3.91	38.99	3.99
	122	27.85	3.63	30.05	3.76	32.25	3.90	33.83	3.95	36.64	4.02	38.84	4.10

TC = Total Capacity (kBtu/h).

PI = Power Input (kW).

Nominal capacity as rated: 0 ft. above sea level with Piping Length as Main Pipe (16.4 ft.) + Branch pipe (98.4 ft.) = 115 ft.
0 ft. level difference between outdoor and indoor units.

Nominal cooling capacity rating obtained with air entering the indoor unit at 80ºF dry bulb (DB) and 67ºF wet bulb (WB), and outdoor ambient conditions of 95ºF dry bulb (DB) and 75ºF wet bulb (WB).

The shaded table columns and rows indicate reference data. When operating at this temperature, these values can be different if the system is not running consistently.

Due to our policy of continuous product innovation, some specifications may change without notification.
©LG Electronics U.S.A., Inc., Englewood Cliffs, NJ. All rights reserved. "LG" is a registered trademark of LG Corp.

PERFORMANCE DATA

Cooling Capacity Tables

Table 127: LMU540HV Cooling Capacity Table — Non-Ducted Indoor Units (continued).

Combination Capacity Index (kBtu/h[%])	Outdoor Air Temp. (°F DB)	Indoor Air Temp. °F DB / °F WB											
		68 / 57		73 / 61		77 / 64		80 / 67		86 / 72		90 / 75	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
Non-Ducted Indoor Units 32 (60%)	14	30.50	1.56	32.39	1.62	34.29	1.68	35.65	1.70	38.07	1.73	39.97	1.77
	20	30.47	1.59	32.37	1.64	34.26	1.70	35.63	1.72	38.04	1.76	39.94	1.79
	25	30.45	1.61	32.34	1.67	34.23	1.73	35.60	1.75	38.01	1.78	39.91	1.82
	30	30.43	1.63	32.32	1.69	34.21	1.75	35.57	1.77	37.99	1.81	39.88	1.84
	35	30.40	1.65	32.29	1.71	34.18	1.78	35.54	1.80	37.96	1.83	39.85	1.87
	40	30.38	1.68	32.27	1.74	34.15	1.80	35.52	1.82	37.93	1.86	39.81	1.89
	45	30.36	1.70	32.24	1.76	34.13	1.83	35.49	1.85	37.90	1.88	39.78	1.92
	50	30.33	1.72	32.22	1.78	34.10	1.85	35.46	1.87	37.87	1.91	39.75	1.94
	55	30.31	1.74	32.19	1.81	34.08	1.87	35.44	1.90	37.84	1.93	39.72	1.97
	60	30.29	1.77	32.17	1.83	34.05	1.90	35.41	1.92	37.81	1.96	39.69	2.00
	65	30.26	1.79	32.14	1.85	34.02	1.92	35.38	1.94	37.78	1.98	39.66	2.02
	70	30.24	1.81	32.12	1.88	34.00	1.95	35.35	1.97	37.75	2.01	39.63	2.05
	75	29.51	1.91	31.39	1.98	33.26	2.05	34.61	2.08	37.01	2.11	38.88	2.16
	80	28.79	2.01	30.65	2.08	32.52	2.16	33.87	2.18	36.26	2.22	38.13	2.27
	85	28.06	2.10	29.93	2.18	31.79	2.26	33.14	2.29	35.52	2.33	37.39	2.38
	90	27.34	2.20	29.20	2.28	31.06	2.37	32.41	2.39	34.78	2.44	36.64	2.49
	95	26.56	2.30	28.41	2.38	30.26	2.47	**31.11**	**2.50**	33.96	2.55	35.81	2.60
	100	25.91	2.40	27.76	2.49	29.61	2.58	30.71	2.61	33.32	2.66	35.17	2.71
	105	25.27	2.50	27.12	2.59	28.97	2.68	30.30	2.71	32.67	2.76	34.52	2.82
	110	24.62	2.59	26.47	2.69	28.32	2.79	29.66	2.82	32.02	2.87	33.87	2.93
	115	23.97	2.69	25.82	2.79	27.67	2.89	29.01	2.92	31.37	2.98	33.23	3.04
	118	23.59	2.75	25.44	2.85	27.29	2.95	28.62	2.99	30.99	3.04	32.84	3.11
	122	23.46	2.83	25.31	2.93	27.16	3.04	28.49	3.07	30.86	3.13	32.71	3.19
Non-Ducted Indoor Units 27 (50%)	14	25.73	1.20	27.33	1.24	28.93	1.28	30.08	1.30	32.13	1.32	33.72	1.35
	20	25.71	1.21	27.31	1.26	28.91	1.30	30.06	1.32	32.10	1.34	33.70	1.37
	25	25.69	1.23	27.29	1.27	28.88	1.32	30.04	1.34	32.08	1.36	33.67	1.39
	30	25.67	1.25	27.27	1.29	28.86	1.34	30.01	1.35	32.05	1.38	33.65	1.41
	35	25.65	1.26	27.25	1.31	28.84	1.36	29.99	1.37	32.03	1.40	33.62	1.43
	40	25.63	1.28	27.23	1.33	28.82	1.38	29.97	1.39	32.00	1.42	33.59	1.45
	45	25.62	1.30	27.21	1.35	28.80	1.39	29.95	1.41	31.98	1.44	33.57	1.47
	50	25.60	1.32	27.19	1.36	28.77	1.41	29.92	1.43	31.95	1.46	33.54	1.49
	55	25.58	1.33	27.16	1.38	28.75	1.43	29.90	1.45	31.93	1.48	33.52	1.51
	60	25.56	1.35	27.14	1.40	28.73	1.45	29.88	1.47	31.90	1.49	33.49	1.52
	65	25.54	1.37	27.12	1.42	28.71	1.47	29.85	1.49	31.88	1.51	33.47	1.54
	70	25.52	1.38	27.10	1.43	28.69	1.49	29.83	1.50	31.86	1.53	33.44	1.56
	75	24.90	1.46	26.48	1.51	28.06	1.57	29.21	1.59	31.23	1.62	32.81	1.65
	80	24.29	1.53	25.87	1.59	27.44	1.65	28.58	1.67	30.60	1.70	32.17	1.73
	85	23.68	1.61	25.25	1.67	26.83	1.73	27.96	1.75	29.97	1.78	31.55	1.82
	90	23.07	1.68	24.64	1.74	26.21	1.81	27.34	1.83	29.35	1.86	30.92	1.90
	95	22.41	1.76	23.97	1.82	25.53	1.89	**26.25**	**1.91**	28.66	1.95	30.22	1.98
	100	21.87	1.83	23.43	1.90	24.99	1.97	25.91	1.99	28.11	2.03	29.67	2.07
	105	21.32	1.91	22.88	1.98	24.44	2.05	25.57	2.07	27.56	2.11	29.13	2.15
	110	20.77	1.98	22.34	2.05	23.90	2.13	25.02	2.15	27.02	2.19	28.58	2.24
	115	20.23	2.06	21.79	2.13	23.35	2.21	24.48	2.23	26.47	2.28	28.03	2.32
	118	19.90	2.10	21.46	2.18	23.02	2.26	24.15	2.28	26.15	2.33	27.71	2.37
	122	19.79	2.16	21.35	2.24	22.91	2.32	24.04	2.35	26.04	2.39	27.60	2.44

TC = Total Capacity (kBtu/h).

PI = Power Input (kW).

Nominal capacity as rated: 0 ft. above sea level with Piping Length as Main Pipe (16.4 ft.) + Branch pipe (98.4 ft.) = 115 ft.
0 ft. level difference between outdoor and indoor units.

Nominal cooling capacity rating obtained with air entering the indoor unit at 80°F dry bulb (DB) and 67°F wet bulb (WB), and outdoor ambient conditions of 95°F dry bulb (DB) and 75°F wet bulb (WB).

The shaded table columns and rows indicate reference data. When operating at this temperature, these values can be different if the system is not running consistently.

Due to our policy of continuous product innovation, some specifications may change without notification.
©LG Electronics U.S.A., Inc., Englewood Cliffs, NJ. All rights reserved. "LG" is a registered trademark of LG Corp.

Table 128: LMU540HV Cooling Capacity Table — Non-Ducted (continued) / Ducted Indoor Units.

Combination Capacity Index (kBtu/h[%])	Outdoor Air Temp. (°F DB)	Indoor Air Temp. °F DB / °F WB											
		68 / 57		73 / 61		77 / 64		80 / 67		86 / 72		90 / 75	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
Non-Ducted Indoor Units 24 (40%)	14	22.87	0.97	24.29	1.01	25.71	1.04	26.74	1.05	28.55	1.07	29.97	1.10
	20	22.85	0.98	24.27	1.02	25.69	1.06	26.72	1.07	28.53	1.09	29.95	1.11
	25	22.84	1.00	24.25	1.03	25.67	1.07	26.70	1.08	28.51	1.10	29.93	1.13
	30	22.82	1.01	24.24	1.05	25.65	1.09	26.68	1.10	28.49	1.12	29.90	1.14
	35	22.80	1.03	24.22	1.06	25.63	1.10	26.66	1.11	28.46	1.14	29.88	1.16
	40	22.78	1.04	24.20	1.08	25.61	1.12	26.63	1.13	28.44	1.15	29.86	1.17
	45	22.77	1.05	24.18	1.09	25.59	1.13	26.61	1.14	28.42	1.17	29.83	1.19
	50	22.75	1.07	24.16	1.11	25.57	1.15	26.59	1.16	28.40	1.18	29.81	1.21
	55	22.73	1.08	24.14	1.12	25.55	1.16	26.57	1.18	28.38	1.20	29.79	1.22
	60	22.71	1.10	24.12	1.14	25.53	1.18	26.55	1.19	28.36	1.21	29.77	1.24
	65	22.70	1.11	24.11	1.15	25.51	1.19	26.53	1.21	28.33	1.23	29.74	1.25
	70	22.68	1.12	24.09	1.16	25.50	1.21	26.51	1.22	28.31	1.24	29.72	1.27
	75	22.13	1.18	23.54	1.23	24.94	1.27	25.96	1.29	27.75	1.31	29.16	1.34
	80	21.59	1.24	22.99	1.29	24.39	1.34	25.40	1.35	27.19	1.38	28.59	1.41
	85	21.05	1.31	22.44	1.35	23.84	1.40	24.85	1.42	26.64	1.44	28.04	1.47
	90	20.51	1.37	21.90	1.42	23.29	1.47	24.30	1.48	26.08	1.51	27.48	1.54
	95	19.92	1.43	21.31	1.48	22.69	1.53	**23.33**	**1.55**	25.47	1.58	26.86	1.61
	100	19.43	1.49	20.82	1.54	22.21	1.60	23.03	1.62	24.98	1.65	26.37	1.68
	105	18.95	1.55	20.34	1.60	21.72	1.66	22.73	1.68	24.50	1.71	25.89	1.75
	110	18.46	1.61	19.85	1.67	21.24	1.73	22.24	1.75	24.01	1.78	25.40	1.82
	115	17.98	1.67	19.37	1.73	20.75	1.79	21.76	1.81	23.53	1.85	24.92	1.88
	118	17.69	1.71	19.07	1.77	20.46	1.83	21.46	1.85	23.24	1.89	24.63	1.93
	122	17.59	1.75	18.98	1.82	20.37	1.88	21.37	1.91	23.14	1.94	24.53	1.98
Ducted Indoor Units 73 (135%)	14	52.99	3.55	56.29	3.68	59.58	3.82	61.95	3.86	66.16	3.94	69.45	4.01
	20	52.95	3.61	56.24	3.74	59.53	3.87	61.91	3.92	66.11	3.99	69.40	4.07
	25	52.91	3.66	56.20	3.79	59.49	3.93	61.86	3.97	66.06	4.05	69.35	4.13
	30	52.87	3.71	56.16	3.84	59.44	3.98	61.81	4.03	66.01	4.10	69.29	4.19
	35	52.83	3.76	56.11	3.90	59.40	4.04	61.77	4.08	65.96	4.16	69.24	4.25
	40	52.79	3.81	56.07	3.95	59.35	4.09	61.72	4.14	65.91	4.22	69.19	4.30
	45	52.75	3.86	56.03	4.00	59.30	4.15	61.67	4.20	65.86	4.27	69.13	4.36
	50	52.71	3.91	55.99	4.05	59.26	4.20	61.62	4.25	65.81	4.33	69.08	4.42
	55	52.67	3.96	55.94	4.11	59.21	4.26	61.58	4.31	65.76	4.39	69.03	4.48
	60	52.63	4.01	55.90	4.16	59.17	4.31	61.53	4.36	65.71	4.44	68.97	4.53
	65	52.59	4.07	55.86	4.21	59.12	4.37	61.48	4.42	65.66	4.50	68.92	4.59
	70	52.55	4.12	55.81	4.27	59.08	4.42	61.43	4.47	65.60	4.56	68.87	4.65
	75	51.29	4.34	54.54	4.50	57.80	4.66	60.15	4.71	64.31	4.80	67.56	4.90
	80	50.02	4.56	53.27	4.73	56.52	4.90	58.86	4.96	63.01	5.05	66.26	5.15
	85	48.77	4.78	52.01	4.96	55.25	5.14	57.59	5.20	61.73	5.29	64.97	5.40
	90	47.51	5.00	50.75	5.19	53.98	5.38	56.31	5.44	60.44	5.54	63.67	5.65
	95	46.15	5.23	49.37	5.42	52.58	5.62	**54.06**	**5.68**	59.02	5.79	62.23	5.90
	100	45.03	5.45	48.25	5.65	51.46	5.85	53.36	5.92	57.89	6.03	61.11	6.15
	105	43.91	5.67	47.12	5.88	50.34	6.09	52.66	6.16	56.77	6.28	59.98	6.40
	110	42.78	5.89	46.00	6.11	49.21	6.33	51.54	6.40	55.64	6.52	58.86	6.66
	115	41.66	6.11	44.87	6.34	48.09	6.57	50.41	6.65	54.52	6.77	57.74	6.91
	118	40.98	6.25	44.20	6.48	47.41	6.71	49.74	6.79	53.85	6.92	57.06	7.06
	122	40.76	6.43	43.97	6.66	47.19	6.90	49.51	6.98	53.62	7.11	56.84	7.26

TC = Total Capacity (kBtu/h).

PI = Power Input (kW).

Nominal capacity as rated: 0 ft. above sea level with Piping Length as Main Pipe (16.4 ft.) + Branch pipe (98.4 ft.) = 115 ft.
0 ft. level difference between outdoor and indoor units.

Nominal cooling capacity rating obtained with air entering the indoor unit at 80ºF dry bulb (DB) and 67ºF wet bulb (WB), and outdoor ambient conditions of 95ºF dry bulb (DB) and 75ºF wet bulb (WB).

The shaded table columns and rows indicate reference data. When operating at this temperature, these values can be different if the system is not running consistently.

Due to our policy of continuous product innovation, some specifications may change without notification.
©LG Electronics U.S.A., Inc., Englewood Cliffs, NJ. All rights reserved. "LG" is a registered trademark of LG Corp.

PERFORMANCE DATA

Cooling Capacity Tables

Table 129: LMU540HV Cooling Capacity Table — Ducted Indoor Units (continued).

Combination Capacity Index (kBtu/h[%])	Outdoor Air Temp. (°F DB)	Indoor Air Temp. °F DB / °F WB											
		68 / 57		73 / 61		77 / 64		80 / 67		86 / 72		90 / 75	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
Ducted Indoor Units 70 (130%)	14	52.52	3.50	55.79	3.63	59.05	3.76	61.40	3.80	65.57	3.87	68.83	3.95
	20	52.48	3.55	55.74	3.68	59.00	3.81	61.36	3.86	65.52	3.93	68.78	4.01
	25	52.44	3.60	55.70	3.73	58.96	3.87	61.31	3.91	65.47	3.98	68.73	4.06
	30	52.40	3.65	55.66	3.78	58.91	3.92	61.26	3.97	65.42	4.04	68.68	4.12
	35	52.36	3.70	55.62	3.83	58.87	3.97	61.22	4.02	65.37	4.10	68.62	4.18
	40	52.32	3.75	55.57	3.89	58.82	4.03	61.17	4.07	65.32	4.15	68.57	4.23
	45	52.28	3.80	55.53	3.94	58.78	4.08	61.12	4.13	65.27	4.21	68.52	4.29
	50	52.24	3.85	55.49	3.99	58.73	4.14	61.08	4.18	65.22	4.26	68.47	4.35
	55	52.20	3.90	55.45	4.04	58.69	4.19	61.03	4.24	65.17	4.32	68.41	4.40
	60	52.16	3.95	55.40	4.09	58.64	4.24	60.98	4.29	65.12	4.37	68.36	4.46
	65	52.12	4.00	55.36	4.15	58.60	4.30	60.94	4.35	65.07	4.43	68.31	4.52
	70	52.08	4.05	55.32	4.20	58.55	4.35	60.89	4.40	65.02	4.48	68.26	4.58
	75	50.83	4.27	54.06	4.43	57.28	4.59	59.61	4.64	63.74	4.73	66.96	4.82
	80	49.58	4.49	52.80	4.65	56.01	4.82	58.34	4.88	62.45	4.97	65.67	5.07
	85	48.33	4.71	51.55	4.88	54.76	5.06	57.08	5.11	61.18	5.21	64.39	5.32
	90	47.09	4.93	50.30	5.11	53.50	5.29	55.81	5.35	59.90	5.45	63.11	5.56
	95	45.74	5.14	48.93	5.33	52.12	5.53	**53.58**	**5.59**	58.49	5.69	61.68	5.81
	100	44.63	5.36	47.82	5.56	51.00	5.76	52.89	5.83	57.38	5.94	60.56	6.06
	105	43.52	5.58	46.70	5.78	49.89	6.00	52.19	6.07	56.26	6.18	59.45	6.30
	110	42.40	5.80	45.59	6.01	48.78	6.23	51.08	6.30	55.15	6.42	58.34	6.55
	115	41.29	6.02	44.48	6.24	47.66	6.47	49.96	6.54	54.04	6.66	57.22	6.80
	118	40.62	6.15	43.81	6.37	46.99	6.61	49.30	6.68	53.37	6.81	56.55	6.94
	122	40.40	6.32	43.58	6.55	46.77	6.79	49.07	6.87	53.14	7.00	56.33	7.14
Ducted Indoor Units 65 (120%)	14	51.73	3.40	54.94	3.53	58.16	3.66	60.48	3.70	64.58	3.77	67.79	3.84
	20	51.69	3.45	54.90	3.58	58.11	3.71	60.43	3.75	64.53	3.82	67.74	3.90
	25	51.65	3.50	54.86	3.63	58.07	3.76	60.38	3.81	64.48	3.88	67.69	3.96
	30	51.61	3.55	54.82	3.68	58.02	3.82	60.34	3.86	64.43	3.93	67.64	4.01
	35	51.57	3.60	54.78	3.73	57.98	3.87	60.29	3.91	64.38	3.99	67.59	4.07
	40	51.53	3.65	54.73	3.78	57.93	3.92	60.25	3.97	64.33	4.04	67.54	4.12
	45	51.49	3.70	54.69	3.83	57.89	3.97	60.20	4.02	64.29	4.09	67.48	4.18
	50	51.45	3.75	54.65	3.88	57.85	4.03	60.15	4.07	64.24	4.15	67.43	4.23
	55	51.41	3.80	54.61	3.93	57.80	4.08	60.11	4.12	64.19	4.20	67.38	4.29
	60	51.38	3.84	54.57	3.98	57.76	4.13	60.06	4.18	64.14	4.26	67.33	4.34
	65	51.34	3.89	54.52	4.04	57.71	4.18	60.01	4.23	64.09	4.31	67.28	4.40
	70	51.30	3.94	54.48	4.09	57.67	4.24	59.97	4.28	64.04	4.36	67.22	4.45
	75	50.06	4.16	53.24	4.31	56.42	4.46	58.71	4.52	62.77	4.60	65.95	4.69
	80	48.83	4.37	52.00	4.53	55.17	4.69	57.46	4.75	61.51	4.84	64.68	4.93
	85	47.60	4.58	50.77	4.75	53.93	4.92	56.21	4.98	60.25	5.07	63.41	5.17
	90	46.38	4.79	49.53	4.97	52.69	5.15	54.97	5.21	59.00	5.31	62.15	5.41
	95	45.05	5.01	48.19	5.19	51.33	5.38	**52.77**	**5.44**	57.61	5.54	60.75	5.65
	100	43.96	5.22	47.09	5.41	50.23	5.61	52.09	5.67	56.51	5.78	59.65	5.89
	105	42.86	5.43	46.00	5.63	49.14	5.84	51.40	5.90	55.41	6.01	58.55	6.13
	110	41.76	5.64	44.90	5.85	48.04	6.06	50.31	6.13	54.32	6.25	57.45	6.37
	115	40.66	5.86	43.80	6.07	46.94	6.29	49.21	6.36	53.22	6.48	56.36	6.61
	118	40.01	5.98	43.14	6.20	46.28	6.43	48.55	6.50	52.56	6.63	55.70	6.76
	122	39.79	6.15	42.93	6.38	46.06	6.61	48.33	6.69	52.34	6.81	55.48	6.95

TC = Total Capacity (kBtu/h).

PI = Power Input (kW).

Nominal capacity as rated: 0 ft. above sea level with Piping Length as Main Pipe (16.4 ft.) + Branch pipe (98.4 ft.) = 115 ft.
0 ft. level difference between outdoor and indoor units.

Nominal cooling capacity rating obtained with air entering the indoor unit at 80ºF dry bulb (DB) and 67ºF wet bulb (WB), and outdoor ambient conditions of 95ºF dry bulb (DB) and 75ºF wet bulb (WB).

The shaded table columns and rows indicate reference data. When operating at this temperature, these values can be different if the system is not running consistently.

Due to our policy of continuous product innovation, some specifications may change without notification.
©LG Electronics U.S.A., Inc., Englewood Cliffs, NJ. All rights reserved. "LG" is a registered trademark of LG Corp.

PERFORMANCE DATA

Cooling Capacity Tables

Table 130: LMU540HV Cooling Capacity Table — Ducted Indoor Units (continued).

Combination Capacity Index (kBtu/h[%])	Outdoor Air Temp. (°F DB)	Indoor Air Temp. °F DB / °F WB											
		68 / 57		73 / 61		77 / 64		80 / 67		86 / 72		90 / 75	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
Ducted Indoor Units 59 (110%)	14	50.79	3.29	53.94	3.41	57.10	3.53	59.38	3.57	63.41	3.64	66.56	3.71
	20	50.75	3.33	53.90	3.45	57.05	3.58	59.33	3.62	63.36	3.69	66.51	3.76
	25	50.71	3.38	53.86	3.50	57.01	3.63	59.29	3.67	63.31	3.74	66.46	3.82
	30	50.67	3.43	53.82	3.55	56.97	3.68	59.24	3.72	63.26	3.79	66.41	3.87
	35	50.63	3.47	53.78	3.60	56.92	3.73	59.19	3.78	63.21	3.85	66.36	3.92
	40	50.60	3.52	53.74	3.65	56.88	3.78	59.15	3.83	63.16	3.90	66.31	3.98
	45	50.56	3.57	53.70	3.70	56.84	3.83	59.10	3.88	63.12	3.95	66.26	4.03
	50	50.52	3.62	53.66	3.75	56.79	3.88	59.06	3.93	63.07	4.00	66.21	4.08
	55	50.48	3.66	53.61	3.80	56.75	3.94	59.01	3.98	63.02	4.06	66.15	4.14
	60	50.44	3.71	53.57	3.85	56.71	3.99	58.97	4.03	62.97	4.11	66.10	4.19
	65	50.40	3.76	53.53	3.89	56.66	4.04	58.92	4.08	62.92	4.16	66.05	4.24
	70	50.36	3.80	53.49	3.94	56.62	4.09	58.88	4.13	62.87	4.21	66.00	4.30
	75	49.15	4.01	52.27	4.16	55.39	4.31	57.64	4.36	61.63	4.44	64.75	4.53
	80	47.94	4.22	51.05	4.37	54.16	4.53	56.41	4.58	60.39	4.67	63.50	4.76
	85	46.74	4.42	49.84	4.58	52.95	4.75	55.19	4.80	59.16	4.89	62.26	4.99
	90	45.54	4.63	48.63	4.79	51.73	4.97	53.97	5.03	57.92	5.12	61.02	5.22
	95	44.23	4.83	47.31	5.01	50.40	5.19	**51.81**	**5.25**	56.56	5.35	59.64	5.46
	100	43.16	5.04	46.24	5.22	49.32	5.41	51.14	5.47	55.48	5.58	58.56	5.69
	105	42.08	5.24	45.16	5.43	48.24	5.63	50.47	5.70	54.41	5.80	57.49	5.92
	110	41.00	5.45	44.08	5.65	47.16	5.85	49.39	5.92	53.33	6.03	56.41	6.15
	115	39.92	5.65	43.01	5.86	46.09	6.07	48.31	6.14	52.25	6.26	55.33	6.38
	118	39.28	5.78	42.36	5.99	45.44	6.20	47.67	6.28	51.60	6.39	54.69	6.52
	122	39.06	5.94	42.14	6.16	45.23	6.38	47.45	6.45	51.39	6.58	54.47	6.71
Ducted Indoor Units 54 (100%)	14	50.00	3.19	53.10	3.31	56.21	3.43	58.45	3.47	62.41	3.53	65.52	3.60
	20	49.96	3.24	53.06	3.36	56.16	3.48	58.40	3.52	62.37	3.58	65.47	3.66
	25	49.92	3.28	53.02	3.40	56.12	3.53	58.36	3.57	62.32	3.63	65.42	3.71
	30	49.88	3.33	52.98	3.45	56.08	3.58	58.31	3.62	62.27	3.69	65.37	3.76
	35	49.84	3.38	52.94	3.50	56.03	3.63	58.27	3.67	62.22	3.74	65.32	3.81
	40	49.80	3.42	52.90	3.55	55.99	3.68	58.22	3.72	62.18	3.79	65.27	3.86
	45	49.77	3.47	52.86	3.59	55.95	3.72	58.18	3.77	62.13	3.84	65.22	3.92
	50	49.73	3.51	52.82	3.64	55.90	3.77	58.14	3.82	62.08	3.89	65.17	3.97
	55	49.69	3.56	52.78	3.69	55.86	3.82	58.09	3.87	62.03	3.94	65.12	4.02
	60	49.65	3.60	52.74	3.74	55.82	3.87	58.05	3.92	61.99	3.99	65.07	4.07
	65	49.61	3.65	52.70	3.78	55.78	3.92	58.00	3.97	61.94	4.04	65.02	4.12
	70	49.58	3.70	52.65	3.83	55.73	3.97	57.96	4.02	61.89	4.09	64.97	4.17
	75	48.38	3.90	51.45	4.04	54.53	4.19	56.74	4.23	60.67	4.31	63.74	4.40
	80	47.19	4.09	50.25	4.24	53.32	4.40	55.53	4.45	59.44	4.53	62.51	4.62
	85	46.01	4.29	49.06	4.45	52.12	4.61	54.33	4.67	58.23	4.75	61.29	4.85
	90	44.82	4.49	47.87	4.66	50.92	4.83	53.12	4.88	57.02	4.97	60.07	5.07
	95	43.54	4.69	46.57	4.86	49.61	5.04	**51.00**	**5.10**	55.68	5.20	58.71	5.30
	100	42.48	4.89	45.51	5.07	48.55	5.26	50.34	5.32	54.61	5.42	57.65	5.53
	105	41.42	5.09	44.45	5.28	47.49	5.47	49.68	5.53	53.55	5.64	56.59	5.75
	110	40.36	5.29	43.39	5.48	46.43	5.68	48.62	5.75	52.49	5.86	55.53	5.98
	115	39.30	5.49	42.33	5.69	45.37	5.90	47.56	5.97	51.43	6.08	54.47	6.20
	118	38.66	5.61	41.70	5.82	44.73	6.03	46.92	6.10	50.80	6.21	53.83	6.34
	122	38.45	5.77	41.49	5.98	44.52	6.20	46.71	6.27	50.59	6.39	53.62	6.52

TC = Total Capacity (kBtu/h).

PI = Power Input (kW).

Nominal capacity as rated: 0 ft. above sea level with Piping Length as Main Pipe (16.4 ft.) + Branch pipe (98.4 ft.) = 115 ft.
0 ft. level difference between outdoor and indoor units.

Nominal cooling capacity rating obtained with air entering the indoor unit at 80°F dry bulb (DB) and 67°F wet bulb (WB), and outdoor ambient conditions of 95°F dry bulb (DB) and 75°F wet bulb (WB).

The shaded table columns and rows indicate reference data. When operating at this temperature, these values can be different if the system is not running consistently.

Due to our policy of continuous product innovation, some specifications may change without notification.
©LG Electronics U.S.A., Inc., Englewood Cliffs, NJ. All rights reserved. "LG" is a registered trademark of LG Corp.

PERFORMANCE DATA

Cooling Capacity Tables

Table 131: LMU540HV Cooling Capacity Table — Ducted Indoor Units (continued).

Combination Capacity Index (kBtu/h[%])	Outdoor Air Temp. (°F DB)	Indoor Air Temp. °F DB / °F WB											
		68 / 57		73 / 61		77 / 64		80 / 67		86 / 72		90 / 75	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
Ducted Indoor Units 49 (90%)	14	45.37	2.82	48.19	2.93	51.00	3.03	53.04	3.07	56.64	3.12	59.46	3.19
	20	45.33	2.86	48.15	2.97	50.96	3.08	53.00	3.11	56.60	3.17	59.41	3.23
	25	45.30	2.90	48.11	3.01	50.93	3.12	52.96	3.16	56.55	3.21	59.37	3.28
	30	45.26	2.94	48.08	3.05	50.89	3.16	52.92	3.20	56.51	3.26	59.32	3.32
	35	45.23	2.98	48.04	3.09	50.85	3.21	52.88	3.24	56.47	3.30	59.27	3.37
	40	45.20	3.03	48.00	3.14	50.81	3.25	52.84	3.29	56.42	3.35	59.23	3.42
	45	45.16	3.07	47.97	3.18	50.77	3.29	52.80	3.33	56.38	3.39	59.18	3.46
	50	45.13	3.11	47.93	3.22	50.73	3.34	52.76	3.38	56.34	3.44	59.14	3.51
	55	45.09	3.15	47.89	3.26	50.69	3.38	52.71	3.42	56.29	3.48	59.09	3.55
	60	45.06	3.19	47.85	3.30	50.65	3.42	52.67	3.46	56.25	3.53	59.05	3.60
	65	45.02	3.23	47.82	3.35	50.61	3.47	52.63	3.51	56.21	3.57	59.00	3.65
	70	44.99	3.27	47.78	3.39	50.58	3.51	52.59	3.55	56.16	3.62	58.96	3.69
	75	43.90	3.44	46.69	3.57	49.48	3.70	51.49	3.74	55.05	3.81	57.84	3.89
	80	42.82	3.62	45.60	3.75	48.38	3.89	50.39	3.94	53.94	4.01	56.72	4.09
	85	41.75	3.80	44.52	3.94	47.30	4.08	49.30	4.13	52.84	4.20	55.62	4.29
	90	40.68	3.97	43.44	4.12	46.21	4.27	48.21	4.32	51.74	4.40	54.51	4.49
	95	39.51	4.15	42.26	4.30	45.02	4.46	**46.28**	**4.51**	50.52	4.59	53.28	4.69
	100	38.55	4.33	41.30	4.48	44.05	4.65	45.68	4.70	49.56	4.79	52.31	4.89
	105	37.59	4.50	40.34	4.67	43.09	4.84	45.08	4.89	48.60	4.98	51.35	5.09
	110	36.63	4.68	39.38	4.85	42.13	5.03	44.12	5.08	47.64	5.18	50.39	5.28
	115	35.66	4.86	38.42	5.03	41.17	5.22	43.16	5.28	46.67	5.38	49.43	5.48
	118	35.09	4.96	37.84	5.14	40.59	5.33	42.58	5.39	46.10	5.49	48.85	5.60
	122	34.89	5.10	37.65	5.29	40.40	5.48	42.39	5.54	45.90	5.65	48.66	5.76
Ducted Indoor Units 43 (80%)	14	39.81	2.38	42.28	2.46	44.75	2.55	46.54	2.58	49.70	2.63	52.17	2.69
	20	39.78	2.41	42.25	2.50	44.72	2.59	46.50	2.62	49.66	2.67	52.13	2.72
	25	39.75	2.45	42.22	2.54	44.69	2.63	46.47	2.66	49.62	2.71	52.09	2.76
	30	39.72	2.48	42.19	2.57	44.65	2.66	46.43	2.70	49.59	2.75	52.05	2.80
	35	39.69	2.51	42.15	2.61	44.62	2.70	46.40	2.73	49.55	2.78	52.01	2.84
	40	39.66	2.55	42.12	2.64	44.58	2.74	46.36	2.77	49.51	2.82	51.97	2.88
	45	39.63	2.58	42.09	2.68	44.55	2.78	46.33	2.81	49.47	2.86	51.93	2.92
	50	39.60	2.62	42.06	2.71	44.52	2.81	46.29	2.84	49.43	2.90	51.89	2.96
	55	39.57	2.65	42.02	2.75	44.48	2.85	46.26	2.88	49.40	2.94	51.85	2.99
	60	39.54	2.69	41.99	2.78	44.45	2.89	46.22	2.92	49.36	2.97	51.81	3.03
	65	39.51	2.72	41.96	2.82	44.41	2.92	46.19	2.96	49.32	3.01	51.77	3.07
	70	39.48	2.75	41.93	2.85	44.38	2.96	46.15	2.99	49.28	3.05	51.73	3.11
	75	38.53	2.90	40.97	3.01	43.42	3.12	45.18	3.15	48.31	3.21	50.75	3.28
	80	37.58	3.05	40.02	3.16	42.46	3.28	44.22	3.32	47.33	3.38	49.77	3.45
	85	36.63	3.20	39.07	3.32	41.50	3.44	43.26	3.48	46.37	3.54	48.80	3.61
	90	35.69	3.35	38.12	3.47	40.55	3.60	42.30	3.64	45.40	3.71	47.83	3.78
	95	34.67	3.50	37.09	3.62	39.50	3.76	**40.61**	**3.80**	44.33	3.87	46.75	3.95
	100	33.83	3.65	36.24	3.78	38.66	3.92	40.08	3.96	43.49	4.04	45.90	4.12
	105	32.98	3.79	35.40	3.93	37.81	4.08	39.56	4.12	42.64	4.20	45.06	4.28
	110	32.14	3.94	34.55	4.09	36.97	4.24	38.71	4.28	41.80	4.36	44.22	4.45
	115	31.29	4.09	33.71	4.24	36.12	4.40	37.87	4.45	40.96	4.53	43.37	4.62
	118	30.79	4.18	33.20	4.33	35.62	4.49	37.36	4.54	40.45	4.63	42.86	4.72
	122	30.62	4.30	33.03	4.46	35.45	4.62	37.19	4.67	40.28	4.76	42.70	4.86

TC = Total Capacity (kBtu/h).

PI = Power Input (kW).

Nominal capacity as rated: 0 ft. above sea level with Piping Length as Main Pipe (16.4 ft.) + Branch pipe (98.4 ft.) = 115 ft.
0 ft. level difference between outdoor and indoor units.

Nominal cooling capacity rating obtained with air entering the indoor unit at 80ºF dry bulb (DB) and 67ºF wet bulb (WB), and outdoor ambient conditions of 95ºF dry bulb (DB) and 75ºF wet bulb (WB).

The shaded table columns and rows indicate reference data. When operating at this temperature, these values can be different if the system is not running consistently.

Due to our policy of continuous product innovation, some specifications may change without notification.
©LG Electronics U.S.A., Inc., Englewood Cliffs, NJ. All rights reserved. "LG" is a registered trademark of LG Corp.

Table 132: LMU540HV Cooling Capacity Table — Ducted Indoor Units (continued).

Combination Capacity Index (kBtu/h[%])	Outdoor Air Temp. (°F DB)	Indoor Air Temp. °F DB / °F WB											
		68 / 57		73 / 61		77 / 64		80 / 67		86 / 72		90 / 75	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
Ducted Indoor Units 38 (70%)	14	35.18	2.01	37.37	2.08	39.55	2.16	41.13	2.18	43.92	2.22	46.11	2.27
	20	35.16	2.04	37.34	2.11	39.52	2.19	41.10	2.21	43.89	2.26	46.07	2.30
	25	35.13	2.07	37.31	2.14	39.49	2.22	41.07	2.25	43.86	2.29	46.04	2.33
	30	35.10	2.10	37.28	2.17	39.46	2.25	41.04	2.28	43.82	2.32	46.00	2.37
	35	35.08	2.12	37.25	2.20	39.43	2.28	41.01	2.31	43.79	2.35	45.97	2.40
	40	35.05	2.15	37.23	2.23	39.40	2.31	40.97	2.34	43.76	2.38	45.93	2.43
	45	35.02	2.18	37.20	2.26	39.37	2.34	40.94	2.37	43.72	2.42	45.90	2.46
	50	35.00	2.21	37.17	2.29	39.34	2.38	40.91	2.40	43.69	2.45	45.86	2.50
	55	34.97	2.24	37.14	2.32	39.31	2.41	40.88	2.43	43.65	2.48	45.83	2.53
	60	34.94	2.27	37.11	2.35	39.28	2.44	40.85	2.47	43.62	2.51	45.79	2.56
	65	34.91	2.30	37.08	2.38	39.25	2.47	40.82	2.50	43.59	2.54	45.76	2.59
	70	34.89	2.33	37.05	2.41	39.22	2.50	40.79	2.53	43.55	2.58	45.72	2.63
	75	34.05	2.45	36.21	2.54	38.37	2.63	39.93	2.66	42.69	2.71	44.85	2.77
	80	33.21	2.58	35.36	2.67	37.52	2.77	39.08	2.80	41.83	2.85	43.99	2.91
	85	32.38	2.70	34.53	2.80	36.68	2.90	38.23	2.94	40.98	2.99	43.13	3.05
	90	31.54	2.83	33.69	2.93	35.84	3.04	37.38	3.07	40.13	3.13	42.27	3.19
	95	30.64	2.95	32.78	3.06	34.91	3.17	**35.89**	**3.21**	39.18	3.27	41.31	3.34
	100	29.90	3.08	32.03	3.19	34.16	3.31	35.43	3.35	38.43	3.41	40.57	3.48
	105	29.15	3.20	31.28	3.32	33.42	3.44	34.96	3.48	37.69	3.55	39.82	3.62
	110	28.40	3.33	30.54	3.45	32.67	3.58	34.21	3.62	36.94	3.69	39.08	3.76
	115	27.66	3.46	29.79	3.58	31.93	3.71	33.47	3.76	36.20	3.83	38.33	3.90
	118	27.21	3.53	29.34	3.66	31.48	3.79	33.02	3.84	35.75	3.91	37.88	3.99
	122	27.06	3.63	29.19	3.76	31.33	3.90	32.87	3.95	35.60	4.02	37.73	4.10
Ducted Indoor Units 32 (60%)	14	29.62	1.56	31.46	1.62	33.30	1.68	34.63	1.70	36.98	1.73	38.82	1.77
	20	29.60	1.59	31.44	1.64	33.28	1.70	34.61	1.72	36.96	1.76	38.79	1.79
	25	29.58	1.61	31.42	1.67	33.25	1.73	34.58	1.75	36.93	1.78	38.76	1.82
	30	29.56	1.63	31.39	1.69	33.23	1.75	34.55	1.77	36.90	1.81	38.73	1.84
	35	29.53	1.65	31.37	1.71	33.20	1.78	34.53	1.80	36.87	1.83	38.71	1.87
	40	29.51	1.68	31.34	1.74	33.18	1.80	34.50	1.82	36.84	1.86	38.68	1.89
	45	29.49	1.70	31.32	1.76	33.15	1.83	34.47	1.85	36.81	1.88	38.65	1.92
	50	29.47	1.72	31.30	1.78	33.13	1.85	34.45	1.87	36.79	1.91	38.62	1.94
	55	29.44	1.74	31.27	1.81	33.10	1.87	34.42	1.90	36.76	1.93	38.59	1.97
	60	29.42	1.77	31.25	1.83	33.08	1.90	34.40	1.92	36.73	1.96	38.56	2.00
	65	29.40	1.79	31.22	1.85	33.05	1.92	34.37	1.94	36.70	1.98	38.53	2.02
	70	29.38	1.81	31.20	1.88	33.02	1.95	34.34	1.97	36.67	2.01	38.50	2.05
	75	28.67	1.91	30.49	1.98	32.31	2.05	33.62	2.08	35.95	2.11	37.77	2.16
	80	27.96	2.01	29.78	2.08	31.59	2.16	32.90	2.18	35.22	2.22	37.04	2.27
	85	27.26	2.10	29.07	2.18	30.88	2.26	32.19	2.29	34.51	2.33	36.32	2.38
	90	26.56	2.20	28.37	2.28	30.17	2.37	31.48	2.39	33.79	2.44	35.59	2.49
	95	25.80	2.30	27.60	2.38	29.40	2.47	**30.22**	**2.50**	32.99	2.55	34.79	2.60
	100	25.17	2.40	26.97	2.49	28.77	2.58	29.83	2.61	32.36	2.66	34.16	2.71
	105	24.54	2.50	26.34	2.59	28.14	2.68	29.44	2.71	31.73	2.76	33.53	2.82
	110	23.92	2.59	25.71	2.69	27.51	2.79	28.81	2.82	31.11	2.87	32.90	2.93
	115	23.29	2.69	25.08	2.79	26.88	2.89	28.18	2.92	30.48	2.98	32.27	3.04
	118	22.91	2.75	24.71	2.85	26.51	2.95	27.80	2.99	30.10	3.04	31.90	3.11
	122	22.78	2.83	24.58	2.93	26.38	3.04	27.68	3.07	29.97	3.13	31.77	3.19

TC = Total Capacity (kBtu/h).

PI = Power Input (kW).

Nominal capacity as rated: 0 ft. above sea level with Piping Length as Main Pipe (16.4 ft.) + Branch pipe (98.4 ft.) = 115 ft.
0 ft. level difference between outdoor and indoor units.

Nominal cooling capacity rating obtained with air entering the indoor unit at 80°F dry bulb (DB) and 67°F wet bulb (WB), and outdoor ambient conditions of 95°F dry bulb (DB) and 75°F wet bulb (WB).

The shaded table columns and rows indicate reference data. When operating at this temperature, these values can be different if the system is not running consistently.

Due to our policy of continuous product innovation, some specifications may change without notification.
©LG Electronics U.S.A., Inc., Englewood Cliffs, NJ. All rights reserved. "LG" is a registered trademark of LG Corp.

PERFORMANCE DATA

Cooling Capacity Tables

Table 133: LMU540HV Cooling Capacity Table — Ducted Indoor Units (continued).

Combination Capacity Index (kBtu/h[%])	Outdoor Air Temp. (°F DB)	Indoor Air Temp. °F DB / °F WB											
		68 / 57		73 / 61		77 / 64		80 / 67		86 / 72		90 / 75	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
Ducted Indoor Units 27 (50%)	14	25.00	1.20	26.55	1.24	28.10	1.28	29.22	1.30	31.21	1.32	32.76	1.35
	20	24.98	1.21	26.53	1.26	28.08	1.30	29.20	1.32	31.18	1.34	32.73	1.37
	25	24.96	1.23	26.51	1.27	28.06	1.32	29.18	1.34	31.16	1.36	32.71	1.39
	30	24.94	1.25	26.49	1.29	28.04	1.34	29.16	1.35	31.14	1.38	32.68	1.41
	35	24.92	1.26	26.47	1.31	28.02	1.36	29.13	1.37	31.11	1.40	32.66	1.43
	40	24.90	1.28	26.45	1.33	28.00	1.38	29.11	1.39	31.09	1.42	32.63	1.45
	45	24.88	1.30	26.43	1.35	27.97	1.39	29.09	1.41	31.06	1.44	32.61	1.47
	50	24.86	1.32	26.41	1.36	27.95	1.41	29.07	1.43	31.04	1.46	32.58	1.49
	55	24.85	1.33	26.39	1.38	27.93	1.43	29.05	1.45	31.02	1.48	32.56	1.51
	60	24.83	1.35	26.37	1.40	27.91	1.45	29.02	1.47	30.99	1.49	32.54	1.52
	65	24.81	1.37	26.35	1.42	27.89	1.47	29.00	1.49	30.97	1.51	32.51	1.54
	70	24.79	1.38	26.33	1.43	27.87	1.49	28.98	1.50	30.95	1.53	32.49	1.56
	75	24.19	1.46	25.73	1.51	27.26	1.57	28.37	1.59	30.33	1.62	31.87	1.65
	80	23.59	1.53	25.13	1.59	26.66	1.65	27.76	1.67	29.72	1.70	31.25	1.73
	85	23.00	1.61	24.53	1.67	26.06	1.73	27.16	1.75	29.12	1.78	30.64	1.82
	90	22.41	1.68	23.94	1.74	25.46	1.81	26.56	1.83	28.51	1.86	30.03	1.90
	95	21.77	1.76	23.29	1.82	24.80	1.89	**25.50**	**1.91**	27.84	1.95	29.35	1.98
	100	21.24	1.83	22.76	1.90	24.27	1.97	25.17	1.99	27.31	2.03	28.82	2.07
	105	20.71	1.91	22.23	1.98	23.74	2.05	24.84	2.07	26.78	2.11	28.29	2.15
	110	20.18	1.98	21.70	2.05	23.21	2.13	24.31	2.15	26.25	2.19	27.76	2.24
	115	19.65	2.06	21.17	2.13	22.68	2.21	23.78	2.23	25.72	2.28	27.23	2.32
	118	19.33	2.10	20.85	2.18	22.37	2.26	23.46	2.28	25.40	2.33	26.92	2.37
	122	19.23	2.16	20.74	2.24	22.26	2.32	23.35	2.35	25.29	2.39	26.81	2.44
Ducted Indoor Units 24 (40%)	14	22.22	0.97	23.60	1.01	24.98	1.04	25.98	1.05	27.74	1.07	29.12	1.10
	20	22.21	0.98	23.59	1.02	24.96	1.06	25.96	1.07	27.72	1.09	29.10	1.11
	25	22.19	1.00	23.57	1.03	24.95	1.07	25.94	1.08	27.70	1.10	29.08	1.13
	30	22.17	1.01	23.55	1.05	24.93	1.09	25.92	1.10	27.68	1.12	29.06	1.14
	35	22.16	1.03	23.53	1.06	24.91	1.10	25.90	1.11	27.66	1.14	29.04	1.16
	40	22.14	1.04	23.51	1.08	24.89	1.12	25.88	1.13	27.64	1.15	29.01	1.17
	45	22.12	1.05	23.50	1.09	24.87	1.13	25.86	1.14	27.62	1.17	28.99	1.19
	50	22.10	1.07	23.48	1.11	24.85	1.15	25.84	1.16	27.60	1.18	28.97	1.21
	55	22.09	1.08	23.46	1.12	24.83	1.16	25.82	1.18	27.57	1.20	28.95	1.22
	60	22.07	1.10	23.44	1.14	24.81	1.18	25.80	1.19	27.55	1.21	28.92	1.24
	65	22.05	1.11	23.42	1.15	24.79	1.19	25.78	1.21	27.53	1.23	28.90	1.25
	70	22.04	1.12	23.41	1.16	24.77	1.21	25.76	1.22	27.51	1.24	28.88	1.27
	75	21.51	1.18	22.87	1.23	24.24	1.27	25.22	1.29	26.97	1.31	28.33	1.34
	80	20.98	1.24	22.34	1.29	23.70	1.34	24.68	1.35	26.42	1.38	27.79	1.41
	85	20.45	1.31	21.81	1.35	23.17	1.40	24.15	1.42	25.88	1.44	27.24	1.47
	90	19.93	1.37	21.28	1.42	22.64	1.47	23.61	1.48	25.35	1.51	26.70	1.54
	95	19.35	1.43	20.70	1.48	22.05	1.53	**22.67**	**1.55**	24.75	1.58	26.10	1.61
	100	18.88	1.49	20.23	1.54	21.58	1.60	22.38	1.62	24.28	1.65	25.63	1.68
	105	18.41	1.55	19.76	1.60	21.11	1.66	22.08	1.68	23.81	1.71	25.15	1.75
	110	17.94	1.61	19.29	1.67	20.64	1.73	21.61	1.75	23.33	1.78	24.68	1.82
	115	17.47	1.67	18.82	1.73	20.17	1.79	21.14	1.81	22.86	1.85	24.21	1.88
	118	17.19	1.71	18.53	1.77	19.88	1.83	20.86	1.85	22.58	1.89	23.93	1.93
	122	17.09	1.75	18.44	1.82	19.79	1.88	20.76	1.91	22.49	1.94	23.83	1.98

TC = Total Capacity (kBtu/h).

PI = Power Input (kW).

Nominal capacity as rated: 0 ft. above sea level with Piping Length as Main Pipe (16.4 ft.) + Branch pipe (98.4 ft.) = 115 ft.
0 ft. level difference between outdoor and indoor units.

Nominal cooling capacity rating obtained with air entering the indoor unit at 80°F dry bulb (DB) and 67°F wet bulb (WB), and outdoor ambient conditions of 95°F dry bulb (DB) and 75°F wet bulb (WB).

The shaded table columns and rows indicate reference data. When operating at this temperature, these values can be different if the system is not running consistently.

Due to our policy of continuous product innovation, some specifications may change without notification.
©LG Electronics U.S.A., Inc., Englewood Cliffs, NJ. All rights reserved. "LG" is a registered trademark of LG Corp.

PERFORMANCE DATA

Cooling Capacity Tables

Table 134: LMU540HV Cooling Capacity Table — Mixed Indoor Units.

Combination Capacity Index (kBtu/h[%])	Outdoor Air Temp. (°F DB)	Indoor Air Temp. °F DB / °F WB											
		68 / 57		73 / 61		77 / 64		80 / 67		86 / 72		90 / 75	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
Mixed Indoor Units 73 (135%)	14	53.78	3.55	57.12	3.68	60.46	3.82	62.87	3.86	67.14	3.94	70.48	4.01
	20	53.74	3.61	57.08	3.74	60.41	3.87	62.82	3.92	67.09	3.99	70.43	4.07
	25	53.70	3.66	57.03	3.79	60.37	3.93	62.78	3.97	67.04	4.05	70.37	4.13
	30	53.66	3.71	56.99	3.84	60.32	3.98	62.73	4.03	66.99	4.10	70.32	4.19
	35	53.62	3.76	56.94	3.90	60.27	4.04	62.68	4.08	66.93	4.16	70.26	4.25
	40	53.57	3.81	56.90	3.95	60.23	4.09	62.63	4.14	66.88	4.22	70.21	4.30
	45	53.53	3.86	56.86	4.00	60.18	4.15	62.58	4.20	66.83	4.27	70.16	4.36
	50	53.49	3.91	56.81	4.05	60.14	4.20	62.54	4.25	66.78	4.33	70.10	4.42
	55	53.45	3.96	56.77	4.11	60.09	4.26	62.49	4.31	66.73	4.39	70.05	4.48
	60	53.41	4.01	56.73	4.16	60.04	4.31	62.44	4.36	66.68	4.44	69.99	4.53
	65	53.37	4.07	56.68	4.21	60.00	4.37	62.39	4.42	66.63	4.50	69.94	4.59
	70	53.33	4.12	56.64	4.27	59.95	4.42	62.34	4.47	66.58	4.56	69.89	4.65
	75	52.04	4.34	55.35	4.50	58.65	4.66	61.04	4.71	65.26	4.80	68.56	4.90
	80	50.76	4.56	54.06	4.73	57.35	4.90	59.73	4.96	63.94	5.05	67.24	5.15
	85	49.49	4.78	52.78	4.96	56.06	5.14	58.44	5.20	62.64	5.29	65.93	5.40
	90	48.22	5.00	51.50	5.19	54.78	5.38	57.14	5.44	61.33	5.54	64.61	5.65
	95	46.84	5.23	50.10	5.42	53.36	5.62	**54.86**	**5.68**	59.89	5.79	63.15	5.90
	100	45.70	5.45	48.96	5.65	52.22	5.85	54.15	5.92	58.75	6.03	62.01	6.15
	105	44.56	5.67	47.82	5.88	51.08	6.09	53.44	6.16	57.61	6.28	60.87	6.40
	110	43.42	5.89	46.68	6.11	49.94	6.33	52.30	6.40	56.47	6.52	59.73	6.66
	115	42.27	6.11	45.54	6.34	48.80	6.57	51.16	6.65	55.33	6.77	58.59	6.91
	118	41.59	6.25	44.85	6.48	48.12	6.71	50.47	6.79	54.64	6.92	57.91	7.06
	122	41.36	6.43	44.63	6.66	47.89	6.90	50.24	6.98	54.41	7.11	57.68	7.26
Mixed Indoor Units 70 (130%)	14	53.30	3.50	56.61	3.63	59.92	3.76	62.31	3.80	66.54	3.87	69.85	3.95
	20	53.26	3.55	56.57	3.68	59.87	3.81	62.26	3.86	66.49	3.93	69.80	4.01
	25	53.22	3.60	56.52	3.73	59.83	3.87	62.21	3.91	66.44	3.98	69.74	4.06
	30	53.18	3.65	56.48	3.78	59.78	3.92	62.17	3.97	66.39	4.04	69.69	4.12
	35	53.14	3.70	56.44	3.83	59.74	3.97	62.12	4.02	66.34	4.10	69.64	4.18
	40	53.10	3.75	56.39	3.89	59.69	4.03	62.07	4.07	66.29	4.15	69.58	4.23
	45	53.05	3.80	56.35	3.94	59.64	4.08	62.02	4.13	66.23	4.21	69.53	4.29
	50	53.01	3.85	56.31	3.99	59.60	4.14	61.98	4.18	66.18	4.26	69.48	4.35
	55	52.97	3.90	56.26	4.04	59.55	4.19	61.93	4.24	66.13	4.32	69.42	4.40
	60	52.93	3.95	56.22	4.09	59.51	4.24	61.88	4.29	66.08	4.37	69.37	4.46
	65	52.89	4.00	56.18	4.15	59.46	4.30	61.83	4.35	66.03	4.43	69.32	4.52
	70	52.85	4.05	56.13	4.20	59.42	4.35	61.79	4.40	65.98	4.48	69.26	4.58
	75	51.58	4.27	54.85	4.43	58.13	4.59	60.49	4.64	64.68	4.73	67.95	4.82
	80	50.31	4.49	53.57	4.65	56.84	4.82	59.20	4.88	63.37	4.97	66.64	5.07
	85	49.05	4.71	52.31	4.88	55.56	5.06	57.92	5.11	62.08	5.21	65.34	5.32
	90	47.79	4.93	51.04	5.11	54.29	5.29	56.63	5.35	60.79	5.45	64.04	5.56
	95	46.42	5.14	49.65	5.33	52.89	5.53	**54.37**	**5.59**	59.35	5.69	62.59	5.81
	100	45.29	5.36	48.52	5.56	51.76	5.76	53.67	5.83	58.22	5.94	61.46	6.06
	105	44.16	5.58	47.39	5.78	50.63	6.00	52.96	6.07	57.09	6.18	60.33	6.30
	110	43.03	5.80	46.26	6.01	49.50	6.23	51.83	6.30	55.96	6.42	59.20	6.55
	115	41.90	6.02	45.13	6.24	48.36	6.47	50.70	6.54	54.83	6.66	58.07	6.80
	118	41.22	6.15	44.45	6.37	47.69	6.61	50.02	6.68	54.15	6.81	57.39	6.94
	122	40.99	6.32	44.23	6.55	47.46	6.79	49.80	6.87	53.93	7.00	57.16	7.14

TC = Total Capacity (kBtu/h).

PI = Power Input (kW).

Nominal capacity as rated: 0 ft. above sea level with Piping Length as Main Pipe (16.4 ft.) + Branch pipe (98.4 ft.) = 115 ft.
0 ft. level difference between outdoor and indoor units.

Nominal cooling capacity rating obtained with air entering the indoor unit at 80°F dry bulb (DB) and 67°F wet bulb (WB), and outdoor ambient conditions of 95°F dry bulb (DB) and 75°F wet bulb (WB).

The shaded table columns and rows indicate reference data. When operating at this temperature, these values can be different if the system is not running consistently.

Due to our policy of continuous product innovation, some specifications may change without notification.
©LG Electronics U.S.A., Inc., Englewood Cliffs, NJ. All rights reserved. "LG" is a registered trademark of LG Corp.

PERFORMANCE DATA

Cooling Capacity Tables

Table 135: LMU540HV Cooling Capacity Table — Mixed Indoor Units (continued).

Combination Capacity Index (kBtu/h[%])	Outdoor Air Temp. (°F DB)	Indoor Air Temp. °F DB / °F WB											
		68 / 57		73 / 61		77 / 64		80 / 67		86 / 72		90 / 75	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
Mixed Indoor Units 65 (120%)	14	52.49	3.40	55.76	3.53	59.02	3.66	61.37	3.70	65.54	3.77	68.80	3.84
	20	52.45	3.45	55.71	3.58	58.97	3.71	61.32	3.75	65.49	3.82	68.74	3.90
	25	52.41	3.50	55.67	3.63	58.93	3.76	61.28	3.81	65.44	3.88	68.69	3.96
	30	52.37	3.55	55.63	3.68	58.88	3.82	61.23	3.86	65.39	3.93	68.64	4.01
	35	52.33	3.60	55.58	3.73	58.84	3.87	61.18	3.91	65.34	3.99	68.59	4.07
	40	52.29	3.65	55.54	3.78	58.79	3.92	61.14	3.97	65.29	4.04	68.53	4.12
	45	52.25	3.70	55.50	3.83	58.75	3.97	61.09	4.02	65.24	4.09	68.48	4.18
	50	52.21	3.75	55.46	3.88	58.70	4.03	61.04	4.07	65.19	4.15	68.43	4.23
	55	52.17	3.80	55.41	3.93	58.66	4.08	61.00	4.12	65.14	4.20	68.38	4.29
	60	52.13	3.84	55.37	3.98	58.61	4.13	60.95	4.18	65.09	4.26	68.32	4.34
	65	52.09	3.89	55.33	4.04	58.57	4.18	60.90	4.23	65.04	4.31	68.27	4.40
	70	52.05	3.94	55.29	4.09	58.52	4.24	60.85	4.28	64.99	4.36	68.22	4.45
	75	50.80	4.16	54.03	4.31	57.25	4.46	59.58	4.52	63.70	4.60	66.93	4.69
	80	49.55	4.37	52.77	4.53	55.98	4.69	58.31	4.75	62.42	4.84	65.63	4.93
	85	48.31	4.58	51.52	4.75	54.73	4.92	57.04	4.98	61.14	5.07	64.35	5.17
	90	47.07	4.79	50.27	4.97	53.47	5.15	55.78	5.21	59.87	5.31	63.07	5.41
	95	45.72	5.01	48.90	5.19	52.09	5.38	**53.55**	**5.44**	58.46	5.54	61.64	5.65
	100	44.61	5.22	47.79	5.41	50.98	5.61	52.86	5.67	57.35	5.78	60.53	5.89
	105	43.49	5.43	46.68	5.63	49.86	5.84	52.16	5.90	56.23	6.01	59.42	6.13
	110	42.38	5.64	45.56	5.85	48.75	6.06	51.05	6.13	55.12	6.25	58.30	6.37
	115	41.27	5.86	44.45	6.07	47.64	6.29	49.94	6.36	54.01	6.48	57.19	6.61
	118	40.60	5.98	43.78	6.20	46.97	6.43	49.27	6.50	53.34	6.63	56.52	6.76
	122	40.37	6.15	43.56	6.38	46.74	6.61	49.05	6.69	53.11	6.81	56.30	6.95
Mixed Indoor Units 59 (110%)	14	51.53	3.29	54.73	3.41	57.94	3.53	60.25	3.57	64.34	3.64	67.54	3.71
	20	51.49	3.33	54.69	3.45	57.89	3.58	60.20	3.62	64.29	3.69	67.49	3.76
	25	51.46	3.38	54.65	3.50	57.85	3.63	60.15	3.67	64.24	3.74	67.43	3.82
	30	51.42	3.43	54.61	3.55	57.80	3.68	60.11	3.72	64.19	3.79	67.38	3.87
	35	51.38	3.47	54.57	3.60	57.76	3.73	60.06	3.78	64.14	3.85	67.33	3.92
	40	51.34	3.52	54.53	3.65	57.71	3.78	60.02	3.83	64.09	3.90	67.28	3.98
	45	51.30	3.57	54.48	3.70	57.67	3.83	59.97	3.88	64.04	3.95	67.23	4.03
	50	51.26	3.62	54.44	3.75	57.63	3.88	59.93	3.93	63.99	4.00	67.18	4.08
	55	51.22	3.66	54.40	3.80	57.58	3.94	59.88	3.98	63.94	4.06	67.12	4.14
	60	51.18	3.71	54.36	3.85	57.54	3.99	59.83	4.03	63.89	4.11	67.07	4.19
	65	51.14	3.76	54.32	3.89	57.49	4.04	59.79	4.08	63.85	4.16	67.02	4.24
	70	51.10	3.80	54.28	3.94	57.45	4.09	59.74	4.13	63.80	4.21	66.97	4.30
	75	49.87	4.01	53.04	4.16	56.20	4.31	58.49	4.36	62.54	4.44	65.70	4.53
	80	48.64	4.22	51.80	4.37	54.96	4.53	57.24	4.58	61.27	4.67	64.43	4.76
	85	47.42	4.42	50.57	4.58	53.72	4.75	56.00	4.80	60.02	4.89	63.17	4.99
	90	46.20	4.63	49.35	4.79	52.49	4.97	54.76	5.03	58.77	5.12	61.92	5.22
	95	44.88	4.83	48.01	5.01	51.14	5.19	**52.57**	**5.25**	57.39	5.35	60.52	5.46
	100	43.79	5.04	46.92	5.22	50.04	5.41	51.89	5.47	56.30	5.58	59.42	5.69
	105	42.70	5.24	45.82	5.43	48.95	5.63	51.21	5.70	55.20	5.80	58.33	5.92
	110	41.60	5.45	44.73	5.65	47.86	5.85	50.11	5.92	54.11	6.03	57.24	6.15
	115	40.51	5.65	43.64	5.86	46.76	6.07	49.02	6.14	53.02	6.26	56.14	6.38
	118	39.85	5.78	42.98	5.99	46.11	6.20	48.37	6.28	52.36	6.39	55.49	6.52
	122	39.64	5.94	42.76	6.16	45.89	6.38	48.15	6.45	52.14	6.58	55.27	6.71

TC = Total Capacity (kBtu/h).

PI = Power Input (kW).

Nominal capacity as rated: 0 ft. above sea level with Piping Length as Main Pipe (16.4 ft.) + Branch pipe (98.4 ft.) = 115 ft.
0 ft. level difference between outdoor and indoor units.

Nominal cooling capacity rating obtained with air entering the indoor unit at 80ºF dry bulb (DB) and 67ºF wet bulb (WB), and outdoor ambient conditions of 95ºF dry bulb (DB) and 75ºF wet bulb (WB).

The shaded table columns and rows indicate reference data. When operating at this temperature, these values can be different if the system is not running consistently.

Due to our policy of continuous product innovation, some specifications may change without notification.
©LG Electronics U.S.A., Inc., Englewood Cliffs, NJ. All rights reserved. "LG" is a registered trademark of LG Corp.

PERFORMANCE DATA

Cooling Capacity Tables

Table 136: LMU540HV Cooling Capacity Table — Mixed Indoor Units (continued).

Combination Capacity Index (kBtu/h[%])	Outdoor Air Temp. (°F DB)	Indoor Air Temp. °F DB / °F WB											
		68 / 57		73 / 61		77 / 64		80 / 67		86 / 72		90 / 75	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
Mixed Indoor Units 54 (100%)	14	50.73	3.19	53.88	3.31	57.03	3.43	59.31	3.47	63.33	3.53	66.48	3.60
	20	50.69	3.24	53.84	3.36	56.99	3.48	59.26	3.52	63.28	3.58	66.43	3.66
	25	50.65	3.28	53.80	3.40	56.94	3.53	59.22	3.57	63.24	3.63	66.38	3.71
	30	50.61	3.33	53.76	3.45	56.90	3.58	59.17	3.62	63.19	3.69	66.33	3.76
	35	50.58	3.38	53.72	3.50	56.86	3.63	59.13	3.67	63.14	3.74	66.28	3.81
	40	50.54	3.42	53.68	3.55	56.81	3.68	59.08	3.72	63.09	3.79	66.23	3.86
	45	50.50	3.47	53.63	3.59	56.77	3.72	59.04	3.77	63.04	3.84	66.18	3.92
	50	50.46	3.51	53.59	3.64	56.73	3.77	58.99	3.82	62.99	3.89	66.13	3.97
	55	50.42	3.56	53.55	3.69	56.68	3.82	58.95	3.87	62.95	3.94	66.08	4.02
	60	50.38	3.60	53.51	3.74	56.64	3.87	58.90	3.92	62.90	3.99	66.03	4.07
	65	50.34	3.65	53.47	3.78	56.60	3.92	58.85	3.97	62.85	4.04	65.98	4.12
	70	50.30	3.70	53.43	3.83	56.55	3.97	58.81	4.02	62.80	4.09	65.93	4.17
	75	49.09	3.90	52.21	4.04	55.33	4.19	57.58	4.23	61.56	4.31	64.68	4.40
	80	47.88	4.09	50.99	4.24	54.10	4.40	56.35	4.45	60.32	4.53	63.43	4.62
	85	46.68	4.29	49.78	4.45	52.89	4.61	55.13	4.67	59.09	4.75	62.19	4.85
	90	45.48	4.49	48.58	4.66	51.67	4.83	53.90	4.88	57.86	4.97	60.95	5.07
	95	44.18	4.69	47.26	4.86	50.34	5.04	**51.75**	**5.10**	56.49	5.20	59.57	5.30
	100	43.11	4.89	46.18	5.07	49.26	5.26	51.08	5.32	55.42	5.42	58.50	5.53
	105	42.03	5.09	45.11	5.28	48.19	5.47	50.41	5.53	54.34	5.64	57.42	5.75
	110	40.95	5.29	44.03	5.48	47.11	5.68	49.33	5.75	53.27	5.86	56.34	5.98
	115	39.88	5.49	42.96	5.69	46.03	5.90	48.26	5.97	52.19	6.08	55.27	6.20
	118	39.23	5.61	42.31	5.82	45.39	6.03	47.61	6.10	51.54	6.21	54.62	6.34
	122	39.02	5.77	42.10	5.98	45.17	6.20	47.40	6.27	51.33	6.39	54.41	6.52
Mixed Indoor Units 49 (90%)	14	46.03	2.82	48.89	2.93	51.75	3.03	53.82	3.07	57.47	3.12	60.33	3.19
	20	46.00	2.86	48.86	2.97	51.71	3.08	53.78	3.11	57.43	3.17	60.28	3.23
	25	45.96	2.90	48.82	3.01	51.67	3.12	53.74	3.16	57.38	3.21	60.24	3.28
	30	45.93	2.94	48.78	3.05	51.63	3.16	53.69	3.20	57.34	3.26	60.19	3.32
	35	45.89	2.98	48.74	3.09	51.59	3.21	53.65	3.24	57.30	3.30	60.15	3.37
	40	45.86	3.03	48.71	3.14	51.56	3.25	53.61	3.29	57.25	3.35	60.10	3.42
	45	45.82	3.07	48.67	3.18	51.52	3.29	53.57	3.33	57.21	3.39	60.05	3.46
	50	45.79	3.11	48.63	3.22	51.48	3.34	53.53	3.38	57.16	3.44	60.01	3.51
	55	45.75	3.15	48.60	3.26	51.44	3.38	53.49	3.42	57.12	3.48	59.96	3.55
	60	45.72	3.19	48.56	3.30	51.40	3.42	53.45	3.46	57.08	3.53	59.92	3.60
	65	45.68	3.23	48.52	3.35	51.36	3.47	53.41	3.51	57.03	3.57	59.87	3.65
	70	45.65	3.27	48.48	3.39	51.32	3.51	53.37	3.55	56.99	3.62	59.82	3.69
	75	44.55	3.44	47.38	3.57	50.21	3.70	52.25	3.74	55.86	3.81	58.69	3.89
	80	43.45	3.62	46.27	3.75	49.09	3.89	51.13	3.94	54.74	4.01	57.56	4.09
	85	42.36	3.80	45.18	3.94	47.99	4.08	50.02	4.13	53.62	4.20	56.43	4.29
	90	41.27	3.97	44.08	4.12	46.89	4.27	48.92	4.32	52.50	4.40	55.31	4.49
	95	40.09	4.15	42.89	4.30	45.68	4.46	**46.96**	**4.51**	51.26	4.59	54.06	4.69
	100	39.12	4.33	41.91	4.48	44.70	4.65	46.35	4.70	50.29	4.79	53.08	4.89
	105	38.14	4.50	40.93	4.67	43.73	4.84	45.74	4.89	49.31	4.98	52.11	5.09
	110	37.16	4.68	39.96	4.85	42.75	5.03	44.77	5.08	48.34	5.18	51.13	5.28
	115	36.19	4.86	38.98	5.03	41.77	5.22	43.79	5.28	47.36	5.38	50.15	5.48
	118	35.60	4.96	38.39	5.14	41.19	5.33	43.20	5.39	46.77	5.49	49.57	5.60
	122	35.41	5.10	38.20	5.29	40.99	5.48	43.01	5.54	46.58	5.65	49.37	5.76

TC = Total Capacity (kBtu/h).

PI = Power Input (kW).

Nominal capacity as rated: 0 ft. above sea level with Piping Length as Main Pipe (16.4 ft.) + Branch pipe (98.4 ft.) = 115 ft.
0 ft. level difference between outdoor and indoor units.

Nominal cooling capacity rating obtained with air entering the indoor unit at 80°F dry bulb (DB) and 67°F wet bulb (WB), and outdoor ambient conditions of 95°F dry bulb (DB) and 75°F wet bulb (WB).

The shaded table columns and rows indicate reference data. When operating at this temperature, these values can be different if the system is not running consistently.

Due to our policy of continuous product innovation, some specifications may change without notification.
©LG Electronics U.S.A., Inc., Englewood Cliffs, NJ. All rights reserved. "LG" is a registered trademark of LG Corp.

PERFORMANCE DATA

Cooling Capacity Tables

Table 137: LMU540HV Cooling Capacity Table — Mixed Indoor Units (continued).

Combination Capacity Index (kBtu/h[%])	Outdoor Air Temp. (°F DB)	Indoor Air Temp. °F DB / °F WB											
		68 / 57		73 / 61		77 / 64		80 / 67		86 / 72		90 / 75	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
Mixed Indoor Units 43 (80%)	14	40.40	2.38	42.91	2.46	45.42	2.55	47.23	2.58	50.43	2.63	52.94	2.69
	20	40.37	2.41	42.87	2.50	45.38	2.59	47.19	2.62	50.40	2.67	52.90	2.72
	25	40.34	2.45	42.84	2.54	45.35	2.63	47.16	2.66	50.36	2.71	52.86	2.76
	30	40.31	2.48	42.81	2.57	45.31	2.66	47.12	2.70	50.32	2.75	52.82	2.80
	35	40.27	2.51	42.78	2.61	45.28	2.70	47.08	2.73	50.28	2.78	52.78	2.84
	40	40.24	2.55	42.74	2.64	45.24	2.74	47.05	2.77	50.24	2.82	52.74	2.88
	45	40.21	2.58	42.71	2.68	45.21	2.78	47.01	2.81	50.20	2.86	52.70	2.92
	50	40.18	2.62	42.68	2.71	45.17	2.81	46.98	2.84	50.16	2.90	52.66	2.96
	55	40.15	2.65	42.65	2.75	45.14	2.85	46.94	2.88	50.13	2.94	52.62	2.99
	60	40.12	2.69	42.61	2.78	45.10	2.89	46.90	2.92	50.09	2.97	52.58	3.03
	65	40.09	2.72	42.58	2.82	45.07	2.92	46.87	2.96	50.05	3.01	52.54	3.07
	70	40.06	2.75	42.55	2.85	45.03	2.96	46.83	2.99	50.01	3.05	52.50	3.11
	75	39.10	2.90	41.58	3.01	44.06	3.12	45.85	3.15	49.02	3.21	51.50	3.28
	80	38.13	3.05	40.61	3.16	43.08	3.28	44.87	3.32	48.03	3.38	50.51	3.45
	85	37.18	3.20	39.65	3.32	42.11	3.44	43.90	3.48	47.05	3.54	49.52	3.61
	90	36.22	3.35	38.68	3.47	41.15	3.60	42.93	3.64	46.07	3.71	48.54	3.78
	95	35.18	3.50	37.63	3.62	40.09	3.76	**41.21**	**3.80**	44.99	3.87	47.44	3.95
	100	34.33	3.65	36.78	3.78	39.23	3.92	40.68	3.96	44.13	4.04	46.58	4.12
	105	33.47	3.79	35.92	3.93	38.37	4.08	40.14	4.12	43.27	4.20	45.73	4.28
	110	32.61	3.94	35.06	4.09	37.52	4.24	39.29	4.28	42.42	4.36	44.87	4.45
	115	31.76	4.09	34.21	4.24	36.66	4.40	38.43	4.45	41.56	4.53	44.01	4.62
	118	31.24	4.18	33.69	4.33	36.14	4.49	37.91	4.54	41.05	4.63	43.50	4.72
	122	31.07	4.30	33.52	4.46	35.97	4.62	37.74	4.67	40.88	4.76	43.33	4.86
Mixed Indoor Units 38 (70%)	14	35.70	2.01	37.92	2.08	40.14	2.16	41.74	2.18	44.57	2.22	46.79	2.27
	20	35.68	2.04	37.89	2.11	40.11	2.19	41.71	2.21	44.54	2.26	46.75	2.30
	25	35.65	2.07	37.86	2.14	40.08	2.22	41.67	2.25	44.50	2.29	46.72	2.33
	30	35.62	2.10	37.83	2.17	40.05	2.25	41.64	2.28	44.47	2.32	46.68	2.37
	35	35.59	2.12	37.80	2.20	40.01	2.28	41.61	2.31	44.44	2.35	46.65	2.40
	40	35.57	2.15	37.78	2.23	39.98	2.31	41.58	2.34	44.40	2.38	46.61	2.43
	45	35.54	2.18	37.75	2.26	39.95	2.34	41.55	2.37	44.37	2.42	46.57	2.46
	50	35.51	2.21	37.72	2.29	39.92	2.38	41.52	2.40	44.33	2.45	46.54	2.50
	55	35.48	2.24	37.69	2.32	39.89	2.41	41.48	2.43	44.30	2.48	46.50	2.53
	60	35.46	2.27	37.66	2.35	39.86	2.44	41.45	2.47	44.27	2.51	46.47	2.56
	65	35.43	2.30	37.63	2.38	39.83	2.47	41.42	2.50	44.23	2.54	46.43	2.59
	70	35.40	2.33	37.60	2.41	39.80	2.50	41.39	2.53	44.20	2.58	46.40	2.63
	75	34.55	2.45	36.74	2.54	38.94	2.63	40.52	2.66	43.32	2.71	45.52	2.77
	80	33.70	2.58	35.89	2.67	38.07	2.77	39.65	2.80	42.45	2.85	44.64	2.91
	85	32.85	2.70	35.04	2.80	37.22	2.90	38.80	2.94	41.58	2.99	43.77	3.05
	90	32.01	2.83	34.19	2.93	36.36	3.04	37.94	3.07	40.72	3.13	42.90	3.19
	95	31.09	2.95	33.26	3.06	35.43	3.17	**36.42**	**3.21**	39.76	3.27	41.92	3.34
	100	30.34	3.08	32.50	3.19	34.67	3.31	35.95	3.35	39.00	3.41	41.17	3.48
	105	29.58	3.20	31.75	3.32	33.91	3.44	35.48	3.48	38.24	3.55	40.41	3.62
	110	28.82	3.33	30.99	3.45	33.15	3.58	34.72	3.62	37.49	3.69	39.65	3.76
	115	28.07	3.46	30.23	3.58	32.40	3.71	33.96	3.76	36.73	3.83	38.90	3.90
	118	27.61	3.53	29.78	3.66	31.94	3.79	33.51	3.84	36.28	3.91	38.44	3.99
	122	27.46	3.63	29.63	3.76	31.79	3.90	33.36	3.95	36.12	4.02	38.29	4.10

TC = Total Capacity (kBtu/h).

PI = Power Input (kW).

Nominal capacity as rated: 0 ft. above sea level with Piping Length as Main Pipe (16.4 ft.) + Branch pipe (98.4 ft.) = 115 ft.
0 ft. level difference between outdoor and indoor units.

Nominal cooling capacity rating obtained with air entering the indoor unit at 80ºF dry bulb (DB) and 67ºF wet bulb (WB), and outdoor ambient conditions of 95ºF dry bulb (DB) and 75ºF wet bulb (WB).

The shaded table columns and rows indicate reference data. When operating at this temperature, these values can be different if the system is not running consistently.

Due to our policy of continuous product innovation, some specifications may change without notification.
©LG Electronics U.S.A., Inc., Englewood Cliffs, NJ. All rights reserved. "LG" is a registered trademark of LG Corp.

Table 138: LMU540HV Cooling Capacity Table — Mixed Indoor Units (continued).

Combination Capacity Index (kBtu/h[%])	Outdoor Air Temp. (°F DB)	Indoor Air Temp. °F DB / °F WB											
		68 / 57		73 / 61		77 / 64		80 / 67		86 / 72		90 / 75	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
Mixed Indoor Units 32 (60%)	14	30.07	1.56	31.93	1.62	33.80	1.68	35.15	1.70	37.53	1.73	39.40	1.77
	20	30.04	1.59	31.91	1.64	33.77	1.70	35.12	1.72	37.51	1.76	39.37	1.79
	25	30.02	1.61	31.88	1.67	33.75	1.73	35.10	1.75	37.48	1.78	39.34	1.82
	30	30.00	1.63	31.86	1.69	33.72	1.75	35.07	1.77	37.45	1.81	39.31	1.84
	35	29.97	1.65	31.84	1.71	33.70	1.78	35.04	1.80	37.42	1.83	39.28	1.87
	40	29.95	1.68	31.81	1.74	33.67	1.80	35.01	1.82	37.39	1.86	39.25	1.89
	45	29.93	1.70	31.79	1.76	33.65	1.83	34.99	1.85	37.36	1.88	39.22	1.92
	50	29.91	1.72	31.76	1.78	33.62	1.85	34.96	1.87	37.33	1.91	39.19	1.94
	55	29.88	1.74	31.74	1.81	33.59	1.87	34.93	1.90	37.31	1.93	39.16	1.97
	60	29.86	1.77	31.71	1.83	33.57	1.90	34.91	1.92	37.28	1.96	39.13	2.00
	65	29.84	1.79	31.69	1.85	33.54	1.92	34.88	1.94	37.25	1.98	39.10	2.02
	70	29.81	1.81	31.67	1.88	33.52	1.95	34.85	1.97	37.22	2.01	39.07	2.05
	75	29.10	1.91	30.94	1.98	32.79	2.05	34.12	2.08	36.48	2.11	38.33	2.16
	80	28.38	2.01	30.22	2.08	32.06	2.16	33.39	2.18	35.75	2.22	37.59	2.27
	85	27.67	2.10	29.51	2.18	31.34	2.26	32.67	2.29	35.02	2.33	36.86	2.38
	90	26.96	2.20	28.79	2.28	30.62	2.37	31.95	2.39	34.29	2.44	36.12	2.49
	95	26.18	2.30	28.01	2.38	29.83	2.47	**30.67**	**2.50**	33.48	2.55	35.31	2.60
	100	25.55	2.40	27.37	2.49	29.20	2.58	30.27	2.61	32.84	2.66	34.67	2.71
	105	24.91	2.50	26.73	2.59	28.56	2.68	29.88	2.71	32.21	2.76	34.03	2.82
	110	24.27	2.59	26.10	2.69	27.92	2.79	29.24	2.82	31.57	2.87	33.39	2.93
	115	23.63	2.69	25.46	2.79	27.28	2.89	28.60	2.92	30.93	2.98	32.76	3.04
	118	23.25	2.75	25.08	2.85	26.90	2.95	28.22	2.99	30.55	3.04	32.37	3.11
	122	23.12	2.83	24.95	2.93	26.77	3.04	28.09	3.07	30.42	3.13	32.24	3.19
Mixed Indoor Units 27 (50%)	14	25.37	1.20	26.95	1.24	28.52	1.28	29.66	1.30	31.67	1.32	33.25	1.35
	20	25.35	1.21	26.93	1.26	28.50	1.30	29.64	1.32	31.65	1.34	33.22	1.37
	25	25.33	1.23	26.90	1.27	28.48	1.32	29.61	1.34	31.62	1.36	33.20	1.39
	30	25.31	1.25	26.88	1.29	28.46	1.34	29.59	1.35	31.60	1.38	33.17	1.41
	35	25.29	1.26	26.86	1.31	28.43	1.36	29.57	1.37	31.58	1.40	33.15	1.43
	40	25.27	1.28	26.84	1.33	28.41	1.38	29.55	1.39	31.55	1.42	33.12	1.45
	45	25.25	1.30	26.82	1.35	28.39	1.39	29.52	1.41	31.53	1.44	33.10	1.47
	50	25.23	1.32	26.80	1.36	28.37	1.41	29.50	1.43	31.50	1.46	33.07	1.49
	55	25.22	1.33	26.78	1.38	28.35	1.43	29.48	1.45	31.48	1.48	33.05	1.51
	60	25.20	1.35	26.76	1.40	28.33	1.45	29.46	1.47	31.46	1.49	33.02	1.52
	65	25.18	1.37	26.74	1.42	28.30	1.47	29.43	1.49	31.43	1.51	32.99	1.54
	70	25.16	1.38	26.72	1.43	28.28	1.49	29.41	1.50	31.41	1.53	32.97	1.56
	75	24.55	1.46	26.11	1.51	27.67	1.57	28.79	1.59	30.79	1.62	32.34	1.65
	80	23.95	1.53	25.50	1.59	27.06	1.65	28.18	1.67	30.17	1.70	31.72	1.73
	85	23.35	1.61	24.90	1.67	26.45	1.73	27.57	1.75	29.55	1.78	31.10	1.82
	90	22.75	1.68	24.29	1.74	25.84	1.81	26.96	1.83	28.93	1.86	30.48	1.90
	95	22.10	1.76	23.63	1.82	25.17	1.89	**25.88**	**1.91**	28.25	1.95	29.79	1.98
	100	21.56	1.83	23.10	1.90	24.64	1.97	25.54	1.99	27.71	2.03	29.25	2.07
	105	21.02	1.91	22.56	1.98	24.10	2.05	25.21	2.07	27.18	2.11	28.72	2.15
	110	20.48	1.98	22.02	2.05	23.56	2.13	24.67	2.15	26.64	2.19	28.18	2.24
	115	19.94	2.06	21.48	2.13	23.02	2.21	24.13	2.23	26.10	2.28	27.64	2.32
	118	19.62	2.10	21.16	2.18	22.70	2.26	23.81	2.28	25.78	2.33	27.32	2.37
	122	19.51	2.16	21.05	2.24	22.59	2.32	23.70	2.35	25.67	2.39	27.21	2.44

TC = Total Capacity (kBtu/h).

PI = Power Input (kW).

Nominal capacity as rated: 0 ft. above sea level with Piping Length as Main Pipe (16.4 ft.) + Branch pipe (98.4 ft.) = 115 ft.
0 ft. level difference between outdoor and indoor units.

Nominal cooling capacity rating obtained with air entering the indoor unit at 80°F dry bulb (DB) and 67°F wet bulb (WB), and outdoor ambient conditions of 95°F dry bulb (DB) and 75°F wet bulb (WB).

The shaded table columns and rows indicate reference data. When operating at this temperature, these values can be different if the system is not running consistently.

Due to our policy of continuous product innovation, some specifications may change without notification.
©LG Electronics U.S.A., Inc., Englewood Cliffs, NJ. All rights reserved. "LG" is a registered trademark of LG Corp.

PERFORMANCE DATA

Cooling Capacity Tables

Table 139: LMU540HV Cooling Capacity Table — Mixed Indoor Units (continued).

Combination Capacity Index (kBtu/h[%])	Outdoor Air Temp. (°F DB)	Indoor Air Temp. °F DB / °F WB											
		68 / 57		73 / 61		77 / 64		80 / 67		86 / 72		90 / 75	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
Mixed Indoor Units 24 (40%)	14	22.55	0.97	23.95	1.01	25.35	1.04	26.36	1.05	28.15	1.07	29.55	1.10
	20	22.53	0.98	23.93	1.02	25.33	1.06	26.34	1.07	28.13	1.09	29.53	1.11
	25	22.51	1.00	23.91	1.03	25.31	1.07	26.32	1.08	28.10	1.10	29.50	1.13
	30	22.50	1.01	23.89	1.05	25.29	1.09	26.30	1.10	28.08	1.12	29.48	1.14
	35	22.48	1.03	23.87	1.06	25.27	1.10	26.28	1.11	28.06	1.14	29.46	1.16
	40	22.46	1.04	23.86	1.08	25.25	1.12	26.26	1.13	28.04	1.15	29.44	1.17
	45	22.44	1.05	23.84	1.09	25.23	1.13	26.24	1.14	28.02	1.17	29.41	1.19
	50	22.43	1.07	23.82	1.11	25.21	1.15	26.22	1.16	28.00	1.18	29.39	1.21
	55	22.41	1.08	23.80	1.12	25.19	1.16	26.20	1.18	27.98	1.20	29.37	1.22
	60	22.39	1.10	23.78	1.14	25.17	1.18	26.18	1.19	27.95	1.21	29.35	1.24
	65	22.37	1.11	23.76	1.15	25.15	1.19	26.16	1.21	27.93	1.23	29.32	1.25
	70	22.36	1.12	23.75	1.16	25.13	1.21	26.14	1.22	27.91	1.24	29.30	1.27
	75	21.82	1.18	23.20	1.23	24.59	1.27	25.59	1.29	27.36	1.31	28.75	1.34
	80	21.28	1.24	22.66	1.29	24.04	1.34	25.04	1.35	26.81	1.38	28.19	1.41
	85	20.75	1.31	22.13	1.35	23.50	1.40	24.50	1.42	26.26	1.44	27.64	1.47
	90	20.22	1.37	21.59	1.42	22.96	1.47	23.96	1.48	25.71	1.51	27.09	1.54
	95	19.64	1.43	21.00	1.48	22.37	1.53	**23.00**	**1.55**	25.11	1.58	26.48	1.61
	100	19.16	1.49	20.53	1.54	21.89	1.60	22.70	1.62	24.63	1.65	26.00	1.68
	105	18.68	1.55	20.05	1.60	21.42	1.66	22.40	1.68	24.15	1.71	25.52	1.75
	110	18.20	1.61	19.57	1.67	20.94	1.73	21.93	1.75	23.67	1.78	25.04	1.82
	115	17.72	1.67	19.09	1.73	20.46	1.79	21.45	1.81	23.20	1.85	24.56	1.88
	118	17.44	1.71	18.80	1.77	20.17	1.83	21.16	1.85	22.91	1.89	24.28	1.93
	122	17.34	1.75	18.71	1.82	20.08	1.88	21.07	1.91	22.81	1.94	24.18	1.98

TC = Total Capacity (kBtu/h).

PI = Power Input (kW).

Nominal capacity as rated: 0 ft. above sea level with Piping Length as Main Pipe (16.4 ft.) + Branch pipe (98.4 ft.) = 115 ft.
0 ft. level difference between outdoor and indoor units.

Nominal cooling capacity rating obtained with air entering the indoor unit at 80ºF dry bulb (DB) and 67ºF wet bulb (WB), and outdoor ambient conditions of 95ºF dry bulb (DB) and 75ºF wet bulb (WB).

The shaded table columns and rows indicate reference data. When operating at this temperature, these values can be different if the system is not running consistently.

Due to our policy of continuous product innovation, some specifications may change without notification.
©LG Electronics U.S.A., Inc., Englewood Cliffs, NJ. All rights reserved. "LG" is a registered trademark of LG Corp.

PERFORMANCE DATA

Heating Capacity Tables

Table 140: LMU540HV Heating Capacity Table — Non-Ducted Indoor Units.

Combination Capacity Index (kBtu/h[%])	Outdoor Air Temp.		Indoor Air Temp. °F DB											
			61		64		68		70		72		75	
	°F DB	°F WB	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
Non-Ducted Indoor Units 73 (135%)	0	-0.4	28.30	3.71	26.61	3.85	26.64	3.91	26.03	3.94	25.54	3.97	24.45	4.11
	5	4.5	34.08	3.88	32.48	4.02	32.01	4.10	31.33	4.14	30.79	4.18	29.55	4.32
	10	9	37.95	4.03	36.42	4.17	35.61	4.27	34.89	4.33	34.31	4.38	32.96	4.51
	17	15	42.21	4.23	40.74	4.37	39.57	4.50	**38.80**	**4.58**	38.18	4.64	36.71	4.77
	20	19	44.80	4.37	43.37	4.50	41.97	4.66	41.17	4.74	40.52	4.81	38.98	4.94
	25	23	49.10	4.61	47.64	4.74	45.98	4.92	45.11	5.02	44.42	5.10	42.75	5.23
	30	28	53.41	4.86	51.76	5.02	49.98	5.18	49.06	5.29	48.33	5.38	46.55	5.52
	35	32	57.72	5.12	55.88	5.30	53.98	5.44	53.01	5.57	52.23	5.67	50.35	5.81
	40	36	60.66	5.27	58.96	5.45	57.08	5.61	56.09	5.73	55.30	5.82	53.30	5.97
	45	41	64.34	5.46	62.80	5.64	60.95	5.82	59.94	5.92	59.13	6.01	56.98	6.18
	47	43	65.81	5.53	64.34	5.72	62.50	5.90	**61.48**	**6.00**	60.66	6.08	58.46	6.26
	50	46	66.00	5.50	64.67	5.66	63.07	5.83	62.16	5.91	61.43	5.98	59.35	6.15
	55	51	66.33	5.44	65.23	5.57	64.02	5.71	63.29	5.77	62.70	5.82	60.84	5.95
	60	56	66.65	5.38	65.78	5.49	64.97	5.59	64.42	5.63	63.97	5.66	62.33	5.75
	63	59	66.84	5.35	66.11	5.43	65.54	5.51	65.09	5.54	64.73	5.56	63.23	5.63
	68	64	67.04	5.31	66.45	5.38	66.12	5.44	65.78	5.46	65.51	5.47	64.14	5.51
Non-Ducted Indoor Units 70 (130%)	0	-0.4	28.04	3.66	26.37	3.80	26.40	3.85	25.79	3.88	25.31	3.91	24.24	4.05
	5	4.5	33.77	3.82	32.19	3.96	31.73	4.04	31.05	4.08	30.51	4.12	29.28	4.26
	10	9	37.61	3.97	36.09	4.11	35.29	4.21	34.57	4.27	34.00	4.31	32.66	4.45
	17	15	41.84	4.17	40.38	4.30	39.22	4.44	**38.45**	**4.51**	37.83	4.57	36.38	4.70
	20	19	44.39	4.30	42.98	4.43	41.60	4.59	40.80	4.67	40.16	4.74	38.63	4.87
	25	23	48.66	4.54	47.21	4.67	45.57	4.84	44.71	4.94	44.02	5.02	42.36	5.15
	30	28	52.93	4.79	51.29	4.95	49.53	5.10	48.62	5.21	47.90	5.30	46.14	5.44
	35	32	57.21	5.04	55.38	5.22	53.50	5.36	52.54	5.48	51.77	5.58	49.90	5.72
	40	36	60.12	5.19	58.43	5.37	56.57	5.52	55.59	5.64	54.80	5.73	52.82	5.88
	45	41	63.76	5.38	62.24	5.56	60.41	5.73	59.40	5.83	58.60	5.92	56.47	6.09
	47	43	65.22	5.45	63.76	5.63	61.94	5.81	**60.93**	**5.91**	60.12	5.99	57.93	6.17
	50	46	65.41	5.42	64.09	5.58	62.51	5.74	61.60	5.83	60.88	5.89	58.82	6.05
	55	51	65.73	5.36	64.64	5.49	63.45	5.62	62.72	5.68	62.14	5.74	60.30	5.86
	60	56	66.05	5.30	65.19	5.40	64.39	5.50	63.84	5.54	63.40	5.58	61.78	5.66
	63	59	66.24	5.27	65.52	5.35	64.96	5.43	64.51	5.46	64.15	5.48	62.66	5.55
	68	64	66.44	5.23	65.85	5.30	65.52	5.36	65.19	5.38	64.92	5.39	63.56	5.43
Non-Ducted Indoor Units 65 (120%)	0	-0.4	27.62	3.56	25.98	3.69	26.00	3.75	25.41	3.78	24.93	3.80	23.87	3.94
	5	4.5	33.27	3.72	31.71	3.85	31.25	3.93	30.59	3.97	30.06	4.01	28.84	4.14
	10	9	37.05	3.86	35.55	3.99	34.77	4.09	34.06	4.15	33.49	4.19	32.17	4.33
	17	15	41.21	4.06	39.78	4.19	38.63	4.32	**37.87**	**4.39**	37.27	4.44	35.84	4.57
	20	19	43.73	4.19	42.34	4.31	40.97	4.46	40.19	4.55	39.56	4.61	38.05	4.74
	25	23	47.93	4.41	46.51	4.54	44.89	4.71	44.04	4.81	43.36	4.89	41.73	5.01
	30	28	52.14	4.66	50.53	4.81	48.79	4.96	47.90	5.07	47.18	5.16	45.45	5.29
	35	32	56.35	4.91	54.56	5.08	52.70	5.21	51.75	5.34	50.99	5.43	49.15	5.56
	40	36	59.22	5.05	57.56	5.23	55.72	5.37	54.76	5.49	53.99	5.58	52.03	5.72
	45	41	62.81	5.23	61.31	5.41	59.50	5.57	58.52	5.67	57.73	5.76	55.63	5.92
	47	43	64.25	5.30	62.81	5.48	61.02	5.65	**60.02**	**5.75**	59.22	5.83	57.07	6.00
	50	46	64.44	5.27	63.14	5.43	61.57	5.58	60.68	5.67	59.97	5.74	57.94	5.89
	55	51	64.75	5.21	63.68	5.34	62.50	5.47	61.78	5.53	61.21	5.58	59.40	5.70
	60	56	65.07	5.16	64.22	5.26	63.43	5.35	62.89	5.39	62.45	5.43	60.85	5.51
	63	59	65.25	5.12	64.54	5.21	63.98	5.28	63.55	5.31	63.20	5.33	61.73	5.40
	68	64	65.44	5.09	64.87	5.16	64.55	5.22	64.22	5.23	63.95	5.24	62.61	5.28

TC = Total Capacity (kBtu/h).

PI = Power Input (kW).

Nominal Capacity as rated: 0 ft. above sea level with Piping Length as Main Pipe (16.4 ft.) + Branch pipe (98.4 ft.) = 115 ft.

0 ft. level difference between outdoor and indoor units.

Nominal heating capacity rating obtained with air entering the indoor unit at 70ºF dry bulb (DB) and 60ºF wet bulb (WB), and outdoor ambient conditions of 47ºF dry bulb (DB) and 43ºF wet bulb (WB).

Due to our policy of continuous product innovation, some specifications may change without notification.
©LG Electronics U.S.A., Inc., Englewood Cliffs, NJ. All rights reserved. "LG" is a registered trademark of LG Corp.

PERFORMANCE DATA

Heating Capacity Tables

Table 141: LMU540HV Heating Capacity Table — Non-Ducted Indoor Units (continued).

Combination Capacity Index (kBtu/h[%])	Outdoor Air Temp.		Indoor Air Temp. °F DB											
			61		64		68		70		72		75	
	°F DB	°F WB	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
Non-Ducted Indoor Units 59 (110%)	0	-0.4	27.12	3.44	25.50	3.57	25.53	3.62	24.94	3.65	24.47	3.68	23.44	3.81
	5	4.5	32.66	3.59	31.13	3.72	30.68	3.80	30.03	3.84	29.51	3.87	28.32	4.00
	10	9	36.37	3.73	34.90	3.86	34.13	3.96	33.43	4.01	32.88	4.06	31.58	4.18
	17	15	40.46	3.92	39.05	4.05	37.92	4.17	**37.18**	**4.24**	36.59	4.30	35.18	4.42
	20	19	42.93	4.05	41.56	4.17	40.22	4.32	39.45	4.40	38.83	4.46	37.36	4.58
	25	23	47.05	4.27	45.66	4.39	44.07	4.56	43.24	4.65	42.57	4.72	40.97	4.85
	30	28	51.19	4.51	49.60	4.66	47.90	4.80	47.02	4.90	46.32	4.99	44.61	5.11
	35	32	55.32	4.75	53.56	4.92	51.73	5.04	50.80	5.16	50.06	5.25	48.25	5.38
	40	36	58.14	4.88	56.50	5.05	54.70	5.20	53.75	5.31	53.00	5.39	51.08	5.54
	45	41	61.66	5.06	60.19	5.23	58.41	5.39	57.44	5.49	56.67	5.57	54.61	5.73
	47	43	63.07	5.13	61.66	5.30	59.90	5.47	**58.92**	**5.56**	58.14	5.64	56.02	5.80
	50	46	63.26	5.09	61.98	5.25	60.45	5.40	59.57	5.48	58.87	5.55	56.88	5.69
	55	51	63.56	5.04	62.51	5.17	61.36	5.29	60.65	5.35	60.09	5.40	58.31	5.51
	60	56	63.87	4.99	63.04	5.08	62.27	5.18	61.73	5.22	61.31	5.25	59.74	5.33
	63	59	64.06	4.95	63.36	5.03	62.81	5.11	62.38	5.14	62.04	5.16	60.60	5.22
	68	64	64.24	4.92	63.68	4.99	63.36	5.04	63.04	5.06	62.78	5.07	61.47	5.11
Non-Ducted Indoor Units 54 (100%)	0	-0.4	26.69	3.34	25.10	3.47	25.13	3.52	24.55	3.55	24.09	3.57	23.07	3.70
	5	4.5	32.15	3.49	30.64	3.62	30.20	3.69	29.56	3.73	29.05	3.76	27.87	3.89
	10	9	35.80	3.63	34.36	3.75	33.60	3.84	32.91	3.90	32.36	3.94	31.09	4.06
	17	15	39.82	3.81	38.44	3.93	37.33	4.05	**36.60**	**4.12**	36.01	4.17	34.63	4.30
	20	19	42.26	3.93	40.91	4.05	39.60	4.19	38.83	4.27	38.23	4.33	36.77	4.45
	25	23	46.32	4.15	44.94	4.27	43.38	4.43	42.56	4.52	41.90	4.59	40.33	4.71
	30	28	50.39	4.38	48.83	4.52	47.15	4.66	46.28	4.76	45.59	4.85	43.92	4.97
	35	32	54.45	4.61	52.72	4.77	50.93	4.90	50.01	5.01	49.28	5.10	47.50	5.23
	40	36	57.23	4.74	55.62	4.91	53.85	5.05	52.92	5.15	52.17	5.24	50.28	5.38
	45	41	60.70	4.91	59.25	5.08	57.50	5.23	56.55	5.33	55.78	5.41	53.76	5.56
	47	43	62.09	4.98	60.70	5.14	58.96	5.31	**58.00**	**5.40**	57.23	5.47	55.15	5.64
	50	46	62.27	4.95	61.01	5.10	59.50	5.24	58.64	5.32	57.95	5.39	55.99	5.53
	55	51	62.57	4.90	61.53	5.02	60.40	5.14	59.70	5.19	59.15	5.24	57.40	5.35
	60	56	62.88	4.84	62.06	4.94	61.29	5.03	60.77	5.07	60.35	5.10	58.81	5.17
	63	59	63.06	4.81	62.37	4.89	61.83	4.96	61.41	4.99	61.07	5.01	59.65	5.07
	68	64	63.24	4.78	62.69	4.84	62.37	4.90	62.05	4.91	61.80	4.92	60.51	4.96
Non-Ducted Indoor Units 49 (90%)	0	-0.4	24.22	3.01	22.78	3.12	22.80	3.17	22.28	3.19	21.86	3.21	20.93	3.33
	5	4.5	29.17	3.14	27.81	3.25	27.40	3.32	26.82	3.36	26.36	3.39	25.29	3.50
	10	9	32.49	3.26	31.17	3.38	30.49	3.46	29.87	3.51	29.37	3.55	28.21	3.66
	17	15	36.14	3.43	34.88	3.54	33.88	3.65	**33.21**	**3.71**	32.68	3.76	31.42	3.87
	20	19	38.35	3.54	37.12	3.65	35.93	3.77	35.24	3.84	34.69	3.90	33.37	4.01
	25	23	42.03	3.73	40.78	3.84	39.36	3.98	38.62	4.06	38.02	4.13	36.59	4.24
	30	28	45.72	3.94	44.31	4.07	42.78	4.19	42.00	4.29	41.37	4.36	39.85	4.47
	35	32	49.41	4.15	47.84	4.30	46.21	4.41	45.38	4.51	44.72	4.59	43.10	4.70
	40	36	51.93	4.27	50.47	4.42	48.86	4.54	48.02	4.64	47.34	4.71	45.62	4.84
	45	41	55.08	4.42	53.76	4.57	52.18	4.71	51.31	4.80	50.62	4.87	48.78	5.01
	47	43	56.34	4.48	55.08	4.63	53.50	4.78	**52.63**	**4.86**	51.93	4.93	50.04	5.07
	50	46	56.50	4.45	55.36	4.59	53.99	4.72	53.21	4.79	52.58	4.85	50.81	4.98
	55	51	56.78	4.41	55.84	4.51	54.81	4.62	54.18	4.67	53.67	4.72	52.08	4.82
	60	56	57.05	4.36	56.31	4.44	55.62	4.52	55.14	4.56	54.76	4.59	53.36	4.66
	63	59	57.22	4.33	56.60	4.40	56.11	4.47	55.72	4.49	55.42	4.51	54.13	4.56
	68	64	57.39	4.30	56.88	4.36	56.60	4.41	56.31	4.42	56.08	4.43	54.90	4.47

TC = Total Capacity (kBtu/h).

PI = Power Input (kW).

Nominal Capacity as rated: 0 ft. above sea level with Piping Length as Main Pipe (16.4 ft.) + Branch pipe (98.4 ft.) = 115 ft.

0 ft. level difference between outdoor and indoor units.

Nominal heating capacity rating obtained with air entering the indoor unit at 70ºF dry bulb (DB) and 60ºF wet bulb (WB), and outdoor ambient conditions of 47ºF dry bulb (DB) and 43ºF wet bulb (WB).

Due to our policy of continuous product innovation, some specifications may change without notification.
©LG Electronics U.S.A., Inc., Englewood Cliffs, NJ. All rights reserved. "LG" is a registered trademark of LG Corp.

PERFORMANCE DATA

Heating Capacity Tables

Table 142: LMU540HV Heating Capacity Table — Non-Ducted Indoor Units (continued).

Combination Capacity Index (kBtu/h[%])	Outdoor Air Temp.		Indoor Air Temp. °F DB											
			61		64		68		70		72		75	
	°F DB	°F WB	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
Non-Ducted Indoor Units 43 (80%)	0	-0.4	21.26	2.60	19.99	2.70	20.01	2.74	19.55	2.77	19.19	2.78	18.37	2.88
	5	4.5	25.60	2.72	24.40	2.82	24.05	2.88	23.54	2.91	23.13	2.93	22.20	3.03
	10	9	28.51	2.83	27.36	2.92	26.76	3.00	26.21	3.04	25.77	3.07	24.76	3.17
	17	15	31.71	2.97	30.61	3.06	29.73	3.16	**29.15**	**3.21**	28.68	3.25	27.58	3.35
	20	19	33.65	3.06	32.58	3.16	31.53	3.27	30.93	3.33	30.44	3.38	29.29	3.47
	25	23	36.89	3.23	35.79	3.33	34.55	3.45	33.89	3.52	33.37	3.58	32.11	3.67
	30	28	40.13	3.41	38.89	3.53	37.55	3.63	36.86	3.71	36.31	3.78	34.97	3.87
	35	32	43.37	3.59	41.99	3.72	40.56	3.82	39.83	3.91	39.24	3.98	37.83	4.07
	40	36	45.58	3.70	44.30	3.83	42.88	3.93	42.14	4.02	41.55	4.08	40.04	4.19
	45	41	48.34	3.83	47.18	3.96	45.79	4.08	45.03	4.15	44.42	4.21	42.81	4.34
	47	43	49.44	3.88	48.34	4.01	46.96	4.14	**46.19**	**4.21**	45.58	4.27	43.92	4.40
	50	46	49.59	3.86	48.59	3.97	47.39	4.09	46.70	4.15	46.15	4.20	44.59	4.31
	55	51	49.83	3.82	49.00	3.91	48.10	4.00	47.55	4.05	47.11	4.09	45.71	4.17
	60	56	50.07	3.78	49.42	3.85	48.81	3.92	48.40	3.95	48.06	3.97	46.83	4.03
	63	59	50.22	3.75	49.67	3.81	49.24	3.87	48.90	3.89	48.63	3.90	47.50	3.95
	68	64	50.36	3.73	49.92	3.77	49.67	3.82	49.42	3.83	49.21	3.84	48.19	3.87
Non-Ducted Indoor Units 38 (70%)	0	-0.4	18.79	2.27	17.67	2.36	17.69	2.39	17.28	2.41	16.96	2.43	16.24	2.51
	5	4.5	22.63	2.37	21.57	2.46	21.25	2.51	20.80	2.54	20.44	2.56	19.62	2.64
	10	9	25.20	2.46	24.18	2.55	23.64	2.61	23.16	2.65	22.78	2.68	21.88	2.76
	17	15	28.03	2.59	27.05	2.67	26.27	2.75	**25.76**	**2.80**	25.35	2.84	24.37	2.92
	20	19	29.74	2.67	28.79	2.75	27.87	2.85	27.33	2.90	26.90	2.94	25.88	3.02
	25	23	32.60	2.82	31.63	2.90	30.53	3.01	29.95	3.07	29.49	3.12	28.38	3.20
	30	28	35.46	2.98	34.36	3.07	33.18	3.17	32.58	3.24	32.09	3.29	30.91	3.38
	35	32	38.32	3.13	37.10	3.24	35.84	3.33	35.20	3.41	34.68	3.47	33.43	3.55
	40	36	40.28	3.22	39.15	3.34	37.90	3.43	37.24	3.50	36.72	3.56	35.39	3.65
	45	41	42.72	3.34	41.70	3.45	40.47	3.56	39.80	3.62	39.26	3.67	37.83	3.78
	47	43	43.70	3.38	42.72	3.50	41.50	3.61	**40.82**	**3.67**	40.28	3.72	38.81	3.83
	50	46	43.82	3.36	42.94	3.46	41.88	3.56	41.27	3.62	40.78	3.66	39.41	3.76
	55	51	44.04	3.33	43.31	3.41	42.51	3.49	42.02	3.53	41.63	3.56	40.40	3.64
	60	56	44.25	3.29	43.68	3.36	43.14	3.42	42.77	3.44	42.47	3.46	41.39	3.52
	63	59	44.38	3.27	43.90	3.32	43.52	3.37	43.22	3.39	42.98	3.40	41.98	3.44
	68	64	44.51	3.25	44.12	3.29	43.90	3.33	43.67	3.34	43.49	3.35	42.58	3.37
Non-Ducted Indoor Units 32 (60%)	0	-0.4	15.82	1.87	14.87	1.94	14.89	1.97	14.55	1.98	14.28	2.00	13.67	2.07
	5	4.5	19.05	1.95	18.16	2.02	17.90	2.06	17.52	2.09	17.21	2.10	16.52	2.18
	10	9	21.22	2.03	20.36	2.10	19.91	2.15	19.50	2.18	19.18	2.20	18.42	2.27
	17	15	23.60	2.13	22.78	2.20	22.12	2.27	**21.69**	**2.30**	21.34	2.33	20.52	2.40
	20	19	25.04	2.20	24.24	2.27	23.46	2.34	23.01	2.39	22.65	2.42	21.79	2.49
	25	23	27.45	2.32	26.63	2.39	25.71	2.48	25.22	2.53	24.83	2.57	23.90	2.63
	30	28	29.86	2.45	28.93	2.53	27.94	2.61	27.43	2.66	27.02	2.71	26.02	2.78
	35	32	32.27	2.58	31.24	2.67	30.18	2.74	29.64	2.80	29.20	2.85	28.15	2.92
	40	36	33.91	2.65	32.96	2.74	31.91	2.82	31.36	2.88	30.91	2.93	29.79	3.01
	45	41	35.97	2.75	35.11	2.84	34.07	2.93	33.51	2.98	33.06	3.02	31.86	3.11
	47	43	36.79	2.78	35.97	2.88	34.94	2.97	**34.37**	**3.02**	33.91	3.06	32.68	3.15
	50	46	36.90	2.77	36.15	2.85	35.26	2.93	34.75	2.98	34.34	3.01	33.18	3.09
	55	51	37.08	2.74	36.46	2.81	35.79	2.87	35.38	2.90	35.05	2.93	34.01	2.99
	60	56	37.26	2.71	36.77	2.76	36.32	2.81	36.01	2.83	35.76	2.85	34.85	2.89
	63	59	37.37	2.69	36.96	2.73	36.64	2.78	36.39	2.79	36.19	2.80	35.35	2.83
	68	64	37.48	2.67	37.15	2.71	36.96	2.74	36.77	2.75	36.62	2.75	35.86	2.78

TC = Total Capacity (kBtu/h).

PI = Power Input (kW).

Nominal Capacity as rated: 0 ft. above sea level with Piping Length as Main Pipe (16.4 ft.) + Branch pipe (98.4 ft.) = 115 ft.

0 ft. level difference between outdoor and indoor units.

Nominal heating capacity rating obtained with air entering the indoor unit at 70°F dry bulb (DB) and 60°F wet bulb (WB), and outdoor ambient conditions of 47°F dry bulb (DB) and 43°F wet bulb (WB).

Due to our policy of continuous product innovation, some specifications may change without notification.
©LG Electronics U.S.A., Inc., Englewood Cliffs, NJ. All rights reserved. "LG" is a registered trademark of LG Corp.

PERFORMANCE DATA

Heating Capacity Tables

Table 143: LMU540HV Heating Capacity Table — Non-Ducted (continued) / Ducted Indoor Units.

Combination Capacity Index (kBtu/h[%])	Outdoor Air Temp.		Indoor Air Temp. °F DB											
			61		64		68		70		72		75	
	°F DB	°F WB	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
Non-Ducted Indoor Units 27 (50%)	0	-0.4	13.35	1.53	12.55	1.59	12.56	1.62	12.28	1.63	12.05	1.64	11.53	1.70
	5	4.5	16.08	1.60	15.32	1.66	15.10	1.69	14.78	1.71	14.52	1.73	13.94	1.79
	10	9	17.90	1.67	17.18	1.72	16.80	1.77	16.46	1.79	16.18	1.81	15.55	1.87
	17	15	19.91	1.75	19.22	1.81	18.67	1.86	**18.30**	**1.89**	18.01	1.92	17.31	1.97
	20	19	21.13	1.81	20.46	1.86	19.80	1.92	19.42	1.96	19.11	1.99	18.39	2.04
	25	23	23.16	1.90	22.47	1.96	21.69	2.03	21.28	2.07	20.95	2.11	20.16	2.16
	30	28	25.19	2.01	24.41	2.08	23.58	2.14	23.14	2.19	22.80	2.23	21.96	2.28
	35	32	27.23	2.12	26.36	2.19	25.46	2.25	25.00	2.30	24.64	2.34	23.75	2.40
	40	36	28.61	2.18	27.81	2.25	26.92	2.32	26.46	2.37	26.08	2.41	25.14	2.47
	45	41	30.35	2.26	29.62	2.33	28.75	2.40	28.27	2.45	27.89	2.48	26.88	2.55
	47	43	31.04	2.29	30.35	2.36	29.48	2.44	**29.00**	**2.48**	28.61	2.51	27.57	2.59
	50	46	31.13	2.27	30.51	2.34	29.75	2.41	29.32	2.44	28.97	2.47	28.00	2.54
	55	51	31.29	2.25	30.77	2.30	30.20	2.36	29.85	2.39	29.57	2.41	28.70	2.46
	60	56	31.44	2.22	31.03	2.27	30.65	2.31	30.38	2.33	30.17	2.34	29.40	2.38
	63	59	31.53	2.21	31.19	2.25	30.92	2.28	30.70	2.29	30.53	2.30	29.83	2.33
	68	64	31.62	2.20	31.34	2.22	31.19	2.25	31.03	2.26	30.90	2.26	30.25	2.28
Non-Ducted Indoor Units 24 (40%)	0	-0.4	11.87	1.34	11.16	1.39	11.17	1.41	10.91	1.42	10.71	1.43	10.25	1.48
	5	4.5	14.29	1.40	13.62	1.45	13.42	1.48	13.14	1.49	12.91	1.51	12.39	1.56
	10	9	15.91	1.45	15.27	1.50	14.93	1.54	14.63	1.56	14.39	1.58	13.82	1.63
	17	15	17.70	1.52	17.09	1.57	16.59	1.62	**16.27**	**1.65**	16.01	1.67	15.39	1.72
	20	19	18.78	1.57	18.19	1.62	17.60	1.68	17.26	1.71	16.99	1.73	16.35	1.78
	25	23	20.59	1.66	19.98	1.71	19.28	1.77	18.92	1.81	18.63	1.84	17.92	1.88
	30	28	22.40	1.75	21.70	1.81	20.96	1.86	20.57	1.91	20.27	1.94	19.52	1.99
	35	32	24.20	1.84	23.43	1.91	22.64	1.96	22.23	2.00	21.90	2.04	21.11	2.09
	40	36	25.44	1.90	24.72	1.96	23.93	2.02	23.52	2.06	23.19	2.09	22.35	2.15
	45	41	26.98	1.96	26.33	2.03	25.56	2.09	25.13	2.13	24.79	2.16	23.89	2.23
	47	43	27.60	1.99	26.98	2.06	26.21	2.12	**25.78**	**2.16**	25.44	2.19	24.51	2.26
	50	46	27.68	1.98	27.12	2.04	26.45	2.10	26.06	2.13	25.76	2.15	24.89	2.21
	55	51	27.81	1.96	27.35	2.01	26.85	2.05	26.54	2.08	26.29	2.10	25.51	2.14
	60	56	27.95	1.94	27.58	1.97	27.24	2.01	27.01	2.03	26.82	2.04	26.14	2.07
	63	59	28.03	1.92	27.72	1.96	27.48	1.99	27.29	2.00	27.14	2.00	26.51	2.03
	68	64	28.11	1.91	27.86	1.94	27.72	1.96	27.58	1.96	27.47	1.97	26.89	1.99
Ducted Indoor Units 73 (135%)	0	-0.4	32.46	3.83	30.59	3.98	30.54	4.04	29.85	4.07	29.30	4.10	28.06	4.24
	5	4.5	37.42	3.98	35.69	4.13	35.15	4.21	34.40	4.26	33.81	4.29	32.45	4.44
	10	9	40.75	4.12	39.10	4.26	38.23	4.37	37.45	4.43	36.83	4.48	35.38	4.62
	17	15	44.40	4.30	42.86	4.44	41.63	4.58	**40.81**	**4.66**	40.16	4.72	38.61	4.85
	20	19	46.62	4.43	45.14	4.56	43.68	4.72	42.84	4.81	42.17	4.88	40.57	5.01
	25	23	50.31	4.65	48.82	4.78	47.12	4.96	46.23	5.06	45.52	5.14	43.81	5.28
	30	28	54.02	4.88	52.35	5.04	50.55	5.20	49.62	5.31	48.88	5.41	47.08	5.54
	35	32	57.72	5.12	55.88	5.30	53.98	5.44	53.01	5.57	52.23	5.67	50.35	5.81
	40	36	60.66	5.27	58.96	5.45	57.08	5.61	56.09	5.73	55.30	5.82	53.30	5.97
	45	41	64.34	5.46	62.80	5.64	60.95	5.82	59.94	5.92	59.13	6.01	56.98	6.18
	47	43	65.81	5.53	64.34	5.72	62.50	5.90	**61.48**	**6.00**	60.66	6.08	58.46	6.26
	50	46	66.00	5.50	64.67	5.66	63.07	5.83	62.16	5.91	61.43	5.98	59.35	6.15
	55	51	66.33	5.44	65.23	5.57	64.02	5.71	63.29	5.77	62.70	5.82	60.84	5.95
	60	56	66.65	5.38	65.78	5.49	64.97	5.59	64.42	5.63	63.97	5.66	62.33	5.75
	63	59	66.84	5.35	66.11	5.43	65.54	5.51	65.09	5.54	64.73	5.56	63.23	5.63
	68	64	67.04	5.31	66.45	5.38	66.12	5.44	65.78	5.46	65.51	5.47	64.14	5.51

TC = Total Capacity (kBtu/h).

PI = Power Input (kW).

Nominal Capacity as rated: 0 ft. above sea level with Piping Length as Main Pipe (16.4 ft.) + Branch pipe (98.4 ft.) = 115 ft.

0 ft. level difference between outdoor and indoor units.

Nominal heating capacity rating obtained with air entering the indoor unit at 70°F dry bulb (DB) and 60°F wet bulb (WB), and outdoor ambient conditions of 47°F dry bulb (DB) and 43°F wet bulb (WB).

Due to our policy of continuous product innovation, some specifications may change without notification.
©LG Electronics U.S.A., Inc., Englewood Cliffs, NJ. All rights reserved. "LG" is a registered trademark of LG Corp.

PERFORMANCE DATA

Heating Capacity Tables

Table 144: LMU540HV Heating Capacity Table — Ducted Indoor Units (continued).

Combination Capacity Index (kBtu/h[%])	Outdoor Air Temp.		Indoor Air Temp. °F DB											
			61		64		68		70		72		75	
	°F DB	°F WB	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
Ducted Indoor Units 70 (130%)	0	-0.4	32.16	3.79	30.32	3.94	30.27	4.00	29.58	4.03	29.04	4.06	27.81	4.20
	5	4.5	37.09	3.94	35.37	4.08	34.83	4.17	34.10	4.21	33.51	4.25	32.16	4.39
	10	9	40.38	4.08	38.75	4.22	37.89	4.32	37.12	4.38	36.50	4.43	35.07	4.57
	17	15	44.01	4.26	42.48	4.40	41.25	4.53	**40.44**	**4.61**	39.80	4.67	38.27	4.81
	20	19	46.20	4.38	44.73	4.52	43.29	4.67	42.46	4.76	41.79	4.83	40.21	4.96
	25	23	49.86	4.60	48.39	4.73	46.70	4.91	45.82	5.01	45.11	5.09	43.41	5.22
	30	28	53.54	4.83	51.88	4.99	50.10	5.15	49.18	5.26	48.44	5.35	46.66	5.49
	35	32	57.21	5.07	55.38	5.25	53.50	5.39	52.54	5.51	51.77	5.61	49.90	5.75
	40	36	60.12	5.22	58.43	5.40	56.57	5.55	55.59	5.67	54.80	5.76	52.82	5.91
	45	41	63.76	5.40	62.24	5.58	60.41	5.76	59.40	5.86	58.60	5.95	56.47	6.12
	47	43	65.22	5.48	63.76	5.66	61.94	5.84	**60.93**	**5.94**	60.12	6.02	57.93	6.20
	50	46	65.41	5.44	64.09	5.61	62.51	5.77	61.60	5.86	60.88	5.92	58.82	6.08
	55	51	65.73	5.39	64.64	5.52	63.45	5.65	62.72	5.71	62.14	5.76	60.30	5.89
	60	56	66.05	5.33	65.19	5.43	64.39	5.53	63.84	5.57	63.40	5.60	61.78	5.69
	63	59	66.24	5.29	65.52	5.38	64.96	5.46	64.51	5.49	64.15	5.51	62.66	5.57
	68	64	66.44	5.26	65.85	5.33	65.52	5.39	65.19	5.40	64.92	5.41	63.56	5.46
Ducted Indoor Units 65 (120%)	0	-0.4	31.68	3.72	29.87	3.87	29.82	3.92	29.14	3.96	28.60	3.98	27.40	4.12
	5	4.5	36.53	3.87	34.84	4.01	34.31	4.09	33.59	4.14	33.01	4.17	31.68	4.31
	10	9	39.78	4.00	38.18	4.14	37.32	4.24	36.57	4.30	35.96	4.35	34.54	4.49
	17	15	43.35	4.18	41.84	4.32	40.64	4.45	**39.84**	**4.52**	39.20	4.58	37.70	4.72
	20	19	45.51	4.30	44.06	4.43	42.65	4.59	41.83	4.67	41.17	4.74	39.61	4.87
	25	23	49.12	4.51	47.66	4.65	46.00	4.82	45.13	4.92	44.44	5.00	42.77	5.13
	30	28	52.74	4.75	51.10	4.90	49.35	5.05	48.44	5.16	47.72	5.25	45.96	5.38
	35	32	56.35	4.98	54.56	5.15	52.70	5.29	51.75	5.41	50.99	5.51	49.15	5.64
	40	36	59.22	5.12	57.56	5.30	55.72	5.45	54.76	5.56	53.99	5.65	52.03	5.80
	45	41	62.81	5.30	61.31	5.48	59.50	5.65	58.52	5.75	57.73	5.84	55.63	6.01
	47	43	64.25	5.38	62.81	5.55	61.02	5.73	**60.02**	**5.83**	59.22	5.91	57.07	6.09
	50	46	64.44	5.34	63.14	5.50	61.57	5.66	60.68	5.75	59.97	5.81	57.94	5.97
	55	51	64.75	5.29	63.68	5.42	62.50	5.54	61.78	5.61	61.21	5.66	59.40	5.78
	60	56	65.07	5.23	64.22	5.33	63.43	5.43	62.89	5.47	62.45	5.50	60.85	5.59
	63	59	65.25	5.20	64.54	5.28	63.98	5.36	63.55	5.39	63.20	5.41	61.73	5.47
	68	64	65.44	5.16	64.87	5.23	64.55	5.29	64.22	5.30	63.95	5.31	62.61	5.36
Ducted Indoor Units 59 (110%)	0	-0.4	31.10	3.63	29.32	3.77	29.27	3.83	28.61	3.86	28.08	3.89	26.90	4.03
	5	4.5	35.86	3.78	34.20	3.91	33.68	3.99	32.97	4.04	32.40	4.07	31.10	4.21
	10	9	39.05	3.91	37.48	4.04	36.64	4.14	35.90	4.20	35.30	4.24	33.91	4.38
	17	15	42.56	4.08	41.08	4.21	39.89	4.34	**39.11**	**4.42**	38.48	4.47	37.00	4.60
	20	19	44.68	4.20	43.26	4.33	41.86	4.48	41.06	4.56	40.42	4.63	38.88	4.75
	25	23	48.22	4.41	46.79	4.53	45.16	4.70	44.31	4.80	43.62	4.88	41.98	5.00
	30	28	51.77	4.63	50.17	4.78	48.44	4.93	47.56	5.04	46.84	5.13	45.12	5.26
	35	32	55.32	4.86	53.56	5.03	51.73	5.16	50.80	5.28	50.06	5.38	48.25	5.51
	40	36	58.14	5.00	56.50	5.17	54.70	5.32	53.75	5.43	53.00	5.52	51.08	5.66
	45	41	61.66	5.18	60.19	5.35	58.41	5.51	57.44	5.62	56.67	5.70	54.61	5.86
	47	43	63.07	5.25	61.66	5.42	59.90	5.59	**58.92**	**5.69**	58.14	5.77	56.02	5.94
	50	46	63.26	5.21	61.98	5.37	60.45	5.53	59.57	5.61	58.87	5.68	56.88	5.83
	55	51	63.56	5.16	62.51	5.29	61.36	5.41	60.65	5.47	60.09	5.52	58.31	5.64
	60	56	63.87	5.10	63.04	5.20	62.27	5.30	61.73	5.34	61.31	5.37	59.74	5.45
	63	59	64.06	5.07	63.36	5.15	62.81	5.23	62.38	5.26	62.04	5.28	60.60	5.34
	68	64	64.24	5.04	63.68	5.10	63.36	5.16	63.04	5.18	62.78	5.19	61.47	5.23

TC = Total Capacity (kBtu/h).

PI = Power Input (kW).

Nominal Capacity as rated: 0 ft. above sea level with Piping Length as Main Pipe (16.4 ft.) + Branch pipe (98.4 ft.) = 115 ft.

0 ft. level difference between outdoor and indoor units.

Nominal heating capacity rating obtained with air entering the indoor unit at 70ºF dry bulb (DB) and 60ºF wet bulb (WB), and outdoor ambient conditions of 47ºF dry bulb (DB) and 43ºF wet bulb (WB).

Due to our policy of continuous product innovation, some specifications may change without notification.
©LG Electronics U.S.A., Inc., Englewood Cliffs, NJ. All rights reserved. "LG" is a registered trademark of LG Corp.

PERFORMANCE DATA

Heating Capacity Tables

Table 145: LMU540HV Heating Capacity Table — Ducted Indoor Units (continued).

Combination Capacity Index (kBtu/h[%])	Outdoor Air Temp.		Indoor Air Temp. °F DB											
			61		64		68		70		72		75	
	°F DB	°F WB	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
Ducted Indoor Units 54 (100%)	0	-0.4	30.62	3.56	28.86	3.70	28.81	3.75	28.16	3.79	27.64	3.81	26.48	3.95
	5	4.5	35.30	3.70	33.67	3.84	33.16	3.92	32.46	3.96	31.90	3.99	30.61	4.13
	10	9	38.44	3.83	36.89	3.96	36.07	4.06	35.33	4.12	34.75	4.16	33.38	4.29
	17	15	41.89	4.00	40.43	4.13	39.27	4.26	**38.50**	**4.33**	37.88	4.39	36.43	4.51
	20	19	43.98	4.12	42.58	4.24	41.21	4.39	40.42	4.47	39.78	4.54	38.27	4.66
	25	23	47.47	4.32	46.06	4.45	44.46	4.61	43.62	4.71	42.94	4.78	41.33	4.91
	30	28	50.96	4.54	49.38	4.69	47.69	4.84	46.81	4.94	46.11	5.03	44.42	5.15
	35	32	54.45	4.76	52.72	4.93	50.93	5.06	50.01	5.18	49.28	5.27	47.50	5.40
	40	36	57.23	4.90	55.62	5.07	53.85	5.21	52.92	5.32	52.17	5.41	50.28	5.56
	45	41	60.70	5.08	59.25	5.25	57.50	5.41	56.55	5.51	55.78	5.59	53.76	5.75
	47	43	62.09	5.15	60.70	5.32	58.96	5.49	**58.00**	**5.58**	57.23	5.66	55.15	5.83
	50	46	62.27	5.11	61.01	5.27	59.50	5.42	58.64	5.50	57.95	5.57	55.99	5.72
	55	51	62.57	5.06	61.53	5.18	60.40	5.31	59.70	5.37	59.15	5.42	57.40	5.53
	60	56	62.88	5.00	62.06	5.10	61.29	5.20	60.77	5.23	60.35	5.27	58.81	5.35
	63	59	63.06	4.97	62.37	5.05	61.83	5.13	61.41	5.15	61.07	5.18	59.65	5.24
	68	64	63.24	4.94	62.69	5.00	62.37	5.06	62.05	5.08	61.80	5.09	60.51	5.13
Ducted Indoor Units 49 (90%)	0	-0.4	27.78	3.22	26.19	3.34	26.14	3.39	25.55	3.42	25.08	3.44	24.02	3.57
	5	4.5	32.03	3.34	30.55	3.47	30.09	3.54	29.45	3.58	28.94	3.61	27.78	3.73
	10	9	34.88	3.46	33.48	3.58	32.73	3.67	32.06	3.72	31.53	3.76	30.29	3.88
	17	15	38.01	3.62	36.69	3.73	35.63	3.85	**34.94**	**3.91**	34.38	3.96	33.05	4.08
	20	19	39.91	3.72	38.64	3.83	37.39	3.97	36.68	4.04	36.10	4.10	34.73	4.21
	25	23	43.07	3.90	41.79	4.02	40.34	4.17	39.58	4.25	38.97	4.32	37.50	4.43
	30	28	46.24	4.10	44.81	4.24	43.27	4.37	42.48	4.46	41.84	4.54	40.31	4.66
	35	32	49.41	4.30	47.84	4.46	46.21	4.57	45.38	4.68	44.72	4.76	43.10	4.88
	40	36	51.93	4.43	50.47	4.58	48.86	4.71	48.02	4.81	47.34	4.89	45.62	5.02
	45	41	55.08	4.58	53.76	4.74	52.18	4.88	51.31	4.97	50.62	5.05	48.78	5.19
	47	43	56.34	4.65	55.08	4.80	53.50	4.95	**52.63**	**5.04**	51.93	5.11	50.04	5.26
	50	46	56.50	4.62	55.36	4.76	53.99	4.89	53.21	4.97	52.58	5.03	50.81	5.16
	55	51	56.78	4.57	55.84	4.68	54.81	4.79	54.18	4.85	53.67	4.89	52.08	5.00
	60	56	57.05	4.52	56.31	4.61	55.62	4.69	55.14	4.73	54.76	4.76	53.36	4.83
	63	59	57.22	4.49	56.60	4.56	56.11	4.63	55.72	4.66	55.42	4.67	54.13	4.73
	68	64	57.39	4.46	56.88	4.52	56.60	4.57	56.31	4.58	56.08	4.59	54.90	4.63
Ducted Indoor Units 43 (80%)	0	-0.4	24.38	2.80	22.98	2.90	22.95	2.95	22.43	2.97	22.01	2.99	21.08	3.10
	5	4.5	28.11	2.91	26.81	3.01	26.41	3.07	25.85	3.11	25.40	3.13	24.38	3.24
	10	9	30.61	3.01	29.38	3.11	28.72	3.19	28.14	3.23	27.67	3.27	26.58	3.37
	17	15	33.36	3.14	32.20	3.24	31.27	3.34	**30.66**	**3.40**	30.17	3.44	29.01	3.54
	20	19	35.03	3.23	33.91	3.33	32.82	3.45	32.19	3.51	31.68	3.56	30.48	3.66
	25	23	37.80	3.39	36.68	3.49	35.40	3.62	34.73	3.69	34.20	3.75	32.91	3.85
	30	28	40.58	3.57	39.33	3.68	37.98	3.80	37.28	3.88	36.72	3.95	35.37	4.05
	35	32	43.37	3.74	41.99	3.87	40.56	3.97	39.83	4.06	39.24	4.14	37.83	4.24
	40	36	45.58	3.85	44.30	3.98	42.88	4.09	42.14	4.18	41.55	4.25	40.04	4.36
	45	41	48.34	3.98	47.18	4.12	45.79	4.25	45.03	4.32	44.42	4.38	42.81	4.51
	47	43	49.44	4.04	48.34	4.17	46.96	4.31	**46.19**	**4.38**	45.58	4.44	43.92	4.57
	50	46	49.59	4.01	48.59	4.13	47.39	4.25	46.70	4.32	46.15	4.37	44.59	4.49
	55	51	49.83	3.97	49.00	4.07	48.10	4.17	47.55	4.21	47.11	4.25	45.71	4.34
	60	56	50.07	3.93	49.42	4.00	48.81	4.08	48.40	4.11	48.06	4.13	46.83	4.20
	63	59	50.22	3.90	49.67	3.97	49.24	4.03	48.90	4.05	48.63	4.06	47.50	4.11
	68	64	50.36	3.88	49.92	3.93	49.67	3.97	49.42	3.98	49.21	3.99	48.19	4.03

TC = Total Capacity (kBtu/h).

PI = Power Input (kW).

Nominal Capacity as rated: 0 ft. above sea level with Piping Length as Main Pipe (16.4 ft.) + Branch pipe (98.4 ft.) = 115 ft.

0 ft. level difference between outdoor and indoor units.

Nominal heating capacity rating obtained with air entering the indoor unit at 70°F dry bulb (DB) and 60°F wet bulb (WB), and outdoor ambient conditions of 47°F dry bulb (DB) and 43°F wet bulb (WB).

Due to our policy of continuous product innovation, some specifications may change without notification.
©LG Electronics U.S.A., Inc., Englewood Cliffs, NJ. All rights reserved. "LG" is a registered trademark of LG Corp.

PERFORMANCE DATA

Heating Capacity Tables

Table 146: LMU540HV Heating Capacity Table — Ducted Indoor Units (continued).

Combination Capacity Index (kBtu/h[%])	Outdoor Air Temp.		Indoor Air Temp. °F DB											
			61		64		68		70		72		75	
	°F DB	°F WB	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
Ducted Indoor Units 38 (70%)	0	-0.4	21.55	2.45	20.31	2.55	20.28	2.58	19.82	2.61	19.45	2.62	18.63	2.72
	5	4.5	24.85	2.55	23.70	2.64	23.34	2.69	22.84	2.72	22.45	2.75	21.54	2.84
	10	9	27.05	2.64	25.96	2.73	25.38	2.80	24.87	2.83	24.46	2.86	23.49	2.95
	17	15	29.48	2.76	28.46	2.84	27.64	2.93	**27.10**	**2.98**	26.66	3.02	25.64	3.11
	20	19	30.95	2.83	29.97	2.92	29.00	3.02	28.45	3.08	28.00	3.12	26.94	3.21
	25	23	33.41	2.97	32.42	3.06	31.29	3.18	30.70	3.24	30.22	3.29	29.09	3.38
	30	28	35.87	3.13	34.76	3.23	33.56	3.33	32.95	3.40	32.45	3.46	31.26	3.55
	35	32	38.32	3.28	37.10	3.39	35.84	3.48	35.20	3.56	34.68	3.63	33.43	3.72
	40	36	40.28	3.37	39.15	3.49	37.90	3.59	37.24	3.66	36.72	3.72	35.39	3.82
	45	41	42.72	3.49	41.70	3.61	40.47	3.72	39.80	3.79	39.26	3.84	37.83	3.96
	47	43	43.70	3.54	42.72	3.66	41.50	3.77	**40.82**	**3.84**	40.28	3.89	38.81	4.01
	50	46	43.82	3.52	42.94	3.62	41.88	3.73	41.27	3.79	40.78	3.83	39.41	3.93
	55	51	44.04	3.48	43.31	3.57	42.51	3.65	42.02	3.69	41.63	3.73	40.40	3.81
	60	56	44.25	3.44	43.68	3.51	43.14	3.58	42.77	3.60	42.47	3.62	41.39	3.68
	63	59	44.38	3.42	43.90	3.48	43.52	3.53	43.22	3.55	42.98	3.56	41.98	3.60
	68	64	44.51	3.40	44.12	3.44	43.90	3.48	43.67	3.49	43.49	3.50	42.58	3.53
Ducted Indoor Units 32 (60%)	0	-0.4	18.14	2.03	17.10	2.11	17.07	2.14	16.69	2.16	16.38	2.17	15.69	2.25
	5	4.5	20.92	2.11	19.95	2.19	19.65	2.23	19.23	2.26	18.90	2.28	18.14	2.35
	10	9	22.78	2.18	21.86	2.26	21.37	2.32	20.94	2.35	20.59	2.37	19.78	2.45
	17	15	24.82	2.28	23.96	2.35	23.27	2.43	**22.81**	**2.47**	22.45	2.50	21.59	2.57
	20	19	26.06	2.35	25.23	2.42	24.42	2.50	23.95	2.55	23.58	2.59	22.68	2.66
	25	23	28.13	2.46	27.29	2.53	26.34	2.63	25.85	2.68	25.45	2.73	24.49	2.80
	30	28	30.20	2.59	29.26	2.67	28.26	2.76	27.74	2.82	27.33	2.87	26.32	2.94
	35	32	32.27	2.71	31.24	2.81	30.18	2.88	29.64	2.95	29.20	3.00	28.15	3.08
	40	36	33.91	2.79	32.96	2.89	31.91	2.97	31.36	3.03	30.91	3.08	29.79	3.17
	45	41	35.97	2.89	35.11	2.99	34.07	3.08	33.51	3.14	33.06	3.18	31.86	3.28
	47	43	36.79	2.93	35.97	3.03	34.94	3.13	**34.37**	**3.18**	33.91	3.22	32.68	3.32
	50	46	36.90	2.91	36.15	3.00	35.26	3.09	34.75	3.13	34.34	3.17	33.18	3.26
	55	51	37.08	2.88	36.46	2.95	35.79	3.02	35.38	3.06	35.05	3.09	34.01	3.15
	60	56	37.26	2.85	36.77	2.91	36.32	2.96	36.01	2.98	35.76	3.00	34.85	3.05
	63	59	37.37	2.83	36.96	2.88	36.64	2.92	36.39	2.94	36.19	2.95	35.35	2.98
	68	64	37.48	2.82	37.15	2.85	36.96	2.88	36.77	2.89	36.62	2.90	35.86	2.92
Ducted Indoor Units 27 (50%)	0	-0.4	15.31	1.69	14.43	1.75	14.41	1.78	14.08	1.79	13.82	1.80	13.24	1.87
	5	4.5	17.65	1.75	16.84	1.82	16.58	1.85	16.23	1.87	15.95	1.89	15.31	1.95
	10	9	19.22	1.81	18.45	1.87	18.03	1.92	17.67	1.95	17.37	1.97	16.69	2.03
	17	15	20.95	1.89	20.22	1.95	19.63	2.02	**19.25**	**2.05**	18.94	2.08	18.21	2.14
	20	19	21.99	1.95	21.29	2.01	20.61	2.08	20.21	2.12	19.89	2.15	19.14	2.21
	25	23	23.73	2.04	23.03	2.10	22.23	2.18	21.81	2.23	21.47	2.26	20.66	2.32
	30	28	25.48	2.15	24.69	2.22	23.84	2.29	23.41	2.34	23.06	2.38	22.21	2.44
	35	32	27.23	2.25	26.36	2.33	25.46	2.39	25.00	2.45	24.64	2.49	23.75	2.56
	40	36	28.61	2.32	27.81	2.40	26.92	2.47	26.46	2.52	26.08	2.56	25.14	2.63
	45	41	30.35	2.40	29.62	2.48	28.75	2.56	28.27	2.61	27.89	2.64	26.88	2.72
	47	43	31.04	2.43	30.35	2.51	29.48	2.60	**29.00**	**2.64**	28.61	2.68	27.57	2.76
	50	46	31.13	2.42	30.51	2.49	29.75	2.56	29.32	2.60	28.97	2.63	28.00	2.70
	55	51	31.29	2.39	30.77	2.45	30.20	2.51	29.85	2.54	29.57	2.56	28.70	2.62
	60	56	31.44	2.37	31.03	2.41	30.65	2.46	30.38	2.48	30.17	2.49	29.40	2.53
	63	59	31.53	2.35	31.19	2.39	30.92	2.43	30.70	2.44	30.53	2.45	29.83	2.48
	68	64	31.62	2.34	31.34	2.37	31.19	2.39	31.03	2.40	30.90	2.41	30.25	2.43

TC = Total Capacity (kBtu/h).

PI = Power Input (kW).

Nominal Capacity as rated: 0 ft. above sea level with Piping Length as Main Pipe (16.4 ft.) + Branch pipe (98.4 ft.) = 115 ft.

0 ft. level difference between outdoor and indoor units.

Nominal heating capacity rating obtained with air entering the indoor unit at 70°F dry bulb (DB) and 60°F wet bulb (WB), and outdoor ambient conditions of 47°F dry bulb (DB) and 43°F wet bulb (WB).

Due to our policy of continuous product innovation, some specifications may change without notification.
©LG Electronics U.S.A., Inc., Englewood Cliffs, NJ. All rights reserved. "LG" is a registered trademark of LG Corp.

PERFORMANCE DATA

Heating Capacity Tables

Table 147: LMU540HV Heating Capacity Table — Ducted (continued) / Mixed Indoor Units.

Combination Capacity Index (kBtu/h[%])	Outdoor Air Temp.		Indoor Air Temp. °F DB											
			61		64		68		70		72		75	
	°F DB	°F WB	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
Ducted Indoor Units 24 (40%)	0	-0.4	13.61	1.47	12.83	1.53	12.81	1.55	12.52	1.57	12.29	1.58	11.77	1.63
	5	4.5	15.69	1.53	14.97	1.59	14.74	1.62	14.43	1.64	14.18	1.65	13.61	1.71
	10	9	17.09	1.59	16.40	1.64	16.03	1.68	15.71	1.70	15.44	1.72	14.84	1.78
	17	15	18.62	1.66	17.97	1.71	17.45	1.76	**17.11**	**1.79**	16.84	1.82	16.19	1.87
	20	19	19.55	1.70	18.93	1.76	18.32	1.82	17.97	1.85	17.68	1.88	17.01	1.93
	25	23	21.10	1.79	20.47	1.84	19.76	1.91	19.39	1.95	19.09	1.98	18.37	2.03
	30	28	22.65	1.88	21.95	1.94	21.20	2.00	20.81	2.05	20.50	2.08	19.74	2.13
	35	32	24.20	1.97	23.43	2.04	22.64	2.09	22.23	2.14	21.90	2.18	21.11	2.24
	40	36	25.44	2.03	24.72	2.10	23.93	2.16	23.52	2.20	23.19	2.24	22.35	2.30
	45	41	26.98	2.10	26.33	2.17	25.56	2.24	25.13	2.28	24.79	2.31	23.89	2.38
	47	43	27.60	2.13	26.98	2.20	26.21	2.27	**25.78**	**2.31**	25.44	2.34	24.51	2.41
	50	46	27.68	2.12	27.12	2.18	26.45	2.24	26.06	2.28	25.76	2.30	24.89	2.37
	55	51	27.81	2.09	27.35	2.15	26.85	2.20	26.54	2.22	26.29	2.24	25.51	2.29
	60	56	27.95	2.07	27.58	2.11	27.24	2.15	27.01	2.17	26.82	2.18	26.14	2.21
	63	59	28.03	2.06	27.72	2.09	27.48	2.12	27.29	2.13	27.14	2.14	26.51	2.17
	68	64	28.11	2.05	27.86	2.07	27.72	2.10	27.58	2.10	27.47	2.11	26.89	2.12
Mixed Indoor Units 73 (135%)	0	-0.4	30.38	3.78	28.60	3.93	28.59	3.98	27.94	4.02	27.42	4.04	26.26	4.19
	5	4.5	35.75	3.94	34.09	4.08	33.58	4.16	32.87	4.21	32.30	4.25	31.00	4.39
	10	9	39.35	4.08	37.76	4.22	36.92	4.33	36.17	4.39	35.57	4.43	34.17	4.57
	17	15	43.31	4.27	41.80	4.41	40.60	4.55	**39.80**	**4.62**	39.17	4.68	37.66	4.82
	20	19	45.71	4.40	44.25	4.54	42.83	4.69	42.00	4.78	41.35	4.85	39.77	4.98
	25	23	49.70	4.63	48.23	4.76	46.55	4.94	45.67	5.04	44.97	5.12	43.28	5.26
	30	28	53.71	4.88	52.05	5.04	50.26	5.19	49.34	5.31	48.60	5.40	46.82	5.53
	35	32	57.72	5.12	55.88	5.30	53.98	5.44	53.01	5.57	52.23	5.67	50.35	5.81
	40	36	60.66	5.27	58.96	5.45	57.08	5.61	56.09	5.73	55.30	5.82	53.30	5.97
	45	41	64.34	5.46	62.80	5.64	60.95	5.82	59.94	5.92	59.13	6.01	56.98	6.18
	47	43	65.81	5.53	64.34	5.72	62.50	5.90	**61.48**	**6.00**	60.66	6.08	58.46	6.26
	50	46	66.00	5.50	64.67	5.66	63.07	5.83	62.16	5.91	61.43	5.98	59.35	6.15
	55	51	66.33	5.44	65.23	5.57	64.02	5.71	63.29	5.77	62.70	5.82	60.84	5.95
	60	56	66.65	5.38	65.78	5.49	64.97	5.59	64.42	5.63	63.97	5.66	62.33	5.75
	63	59	66.84	5.35	66.11	5.43	65.54	5.51	65.09	5.54	64.73	5.56	63.23	5.63
	68	64	67.04	5.31	66.45	5.38	66.12	5.44	65.78	5.46	65.51	5.47	64.14	5.51
Mixed Indoor Units 70 (130%)	0	-0.4	30.10	3.73	28.34	3.87	28.33	3.93	27.69	3.96	27.17	3.99	26.02	4.13
	5	4.5	35.43	3.88	33.78	4.03	33.28	4.11	32.58	4.15	32.01	4.19	30.72	4.33
	10	9	39.00	4.03	37.42	4.17	36.59	4.27	35.85	4.33	35.25	4.37	33.86	4.51
	17	15	42.92	4.22	41.43	4.35	40.24	4.49	**39.45**	**4.56**	38.82	4.62	37.32	4.76
	20	19	45.30	4.34	43.86	4.48	42.44	4.63	41.63	4.72	40.98	4.79	39.42	4.92
	25	23	49.26	4.57	47.80	4.70	46.14	4.88	45.26	4.98	44.57	5.05	42.89	5.19
	30	28	53.23	4.81	51.59	4.97	49.81	5.12	48.90	5.23	48.17	5.33	46.40	5.46
	35	32	57.21	5.05	55.38	5.23	53.50	5.37	52.54	5.49	51.77	5.59	49.90	5.73
	40	36	60.12	5.20	58.43	5.38	56.57	5.53	55.59	5.65	54.80	5.74	52.82	5.89
	45	41	63.76	5.39	62.24	5.57	60.41	5.74	59.40	5.84	58.60	5.93	56.47	6.10
	47	43	65.22	5.46	63.76	5.64	61.94	5.82	**60.93**	**5.92**	60.12	6.00	57.93	6.18
	50	46	65.41	5.42	64.09	5.59	62.51	5.75	61.60	5.84	60.88	5.90	58.82	6.06
	55	51	65.73	5.37	64.64	5.50	63.45	5.63	62.72	5.69	62.14	5.75	60.30	5.87
	60	56	66.05	5.31	65.19	5.41	64.39	5.51	63.84	5.55	63.40	5.59	61.78	5.67
	63	59	66.24	5.28	65.52	5.36	64.96	5.44	64.51	5.47	64.15	5.49	62.66	5.56
	68	64	66.44	5.24	65.85	5.31	65.52	5.37	65.19	5.38	64.92	5.40	63.56	5.44

TC = Total Capacity (kBtu/h).

PI = Power Input (kW).

Nominal Capacity as rated: 0 ft. above sea level with Piping Length as Main Pipe (16.4 ft.) + Branch pipe (98.4 ft.) = 115 ft.

0 ft. level difference between outdoor and indoor units.

Nominal heating capacity rating obtained with air entering the indoor unit at 70°F dry bulb (DB) and 60°F wet bulb (WB), and outdoor ambient conditions of 47°F dry bulb (DB) and 43°F wet bulb (WB).

Due to our policy of continuous product innovation, some specifications may change without notification.
©LG Electronics U.S.A., Inc., Englewood Cliffs, NJ. All rights reserved. "LG" is a registered trademark of LG Corp.

PERFORMANCE DATA

Heating Capacity Tables

Table 148: LMU540HV Heating Capacity Table —Mixed Indoor Units (continued).

Combination Capacity Index (kBtu/h[%])	Outdoor Air Temp.		Indoor Air Temp. °F DB											
			61		64		68		70		72		75	
	°F DB	°F WB	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
Mixed Indoor Units 65 (120%)	0	-0.4	29.65	3.65	27.92	3.79	27.91	3.84	27.27	3.88	26.77	3.90	25.64	4.04
	5	4.5	34.90	3.80	33.28	3.94	32.78	4.02	32.09	4.06	31.53	4.10	30.26	4.24
	10	9	38.42	3.94	36.86	4.07	36.05	4.18	35.31	4.23	34.73	4.28	33.36	4.41
	17	15	42.28	4.12	40.81	4.26	39.63	4.39	**38.86**	**4.46**	38.24	4.52	36.77	4.65
	20	19	44.62	4.25	43.20	4.38	41.81	4.53	41.01	4.61	40.36	4.68	38.83	4.81
	25	23	48.52	4.47	47.09	4.60	45.45	4.77	44.59	4.87	43.90	4.94	42.25	5.07
	30	28	52.44	4.70	50.82	4.86	49.07	5.01	48.17	5.12	47.45	5.21	45.71	5.34
	35	32	56.35	4.94	54.56	5.12	52.70	5.25	51.75	5.37	50.99	5.47	49.15	5.60
	40	36	59.22	5.09	57.56	5.26	55.72	5.41	54.76	5.52	53.99	5.62	52.03	5.76
	45	41	62.81	5.27	61.31	5.44	59.50	5.61	58.52	5.71	57.73	5.80	55.63	5.96
	47	43	64.25	5.34	62.81	5.52	61.02	5.69	**60.02**	**5.79**	59.22	5.87	57.07	6.04
	50	46	64.44	5.31	63.14	5.46	61.57	5.62	60.68	5.71	59.97	5.77	57.94	5.93
	55	51	64.75	5.25	63.68	5.38	62.50	5.51	61.78	5.57	61.21	5.62	59.40	5.74
	60	56	65.07	5.19	64.22	5.29	63.43	5.39	62.89	5.43	62.45	5.46	60.85	5.55
	63	59	65.25	5.16	64.54	5.24	63.98	5.32	63.55	5.35	63.20	5.37	61.73	5.43
	68	64	65.44	5.13	64.87	5.19	64.55	5.25	64.22	5.27	63.95	5.28	62.61	5.32
Mixed Indoor Units 59 (110%)	0	-0.4	29.11	3.55	27.41	3.68	27.40	3.74	26.77	3.77	26.28	3.79	25.17	3.93
	5	4.5	34.26	3.69	32.67	3.83	32.18	3.91	31.50	3.95	30.96	3.98	29.71	4.12
	10	9	37.71	3.83	36.19	3.96	35.38	4.06	34.66	4.12	34.09	4.16	32.75	4.29
	17	15	41.51	4.01	40.06	4.14	38.91	4.27	**38.15**	**4.34**	37.54	4.39	36.09	4.52
	20	19	43.80	4.13	42.41	4.26	41.04	4.40	40.26	4.49	39.62	4.55	38.12	4.68
	25	23	47.63	4.34	46.22	4.47	44.62	4.64	43.77	4.73	43.10	4.81	41.47	4.93
	30	28	51.48	4.57	49.88	4.73	48.17	4.87	47.29	4.98	46.58	5.06	44.87	5.19
	35	32	55.32	4.81	53.56	4.98	51.73	5.11	50.80	5.22	50.06	5.32	48.25	5.45
	40	36	58.14	4.95	56.50	5.12	54.70	5.26	53.75	5.37	53.00	5.46	51.08	5.60
	45	41	61.66	5.12	60.19	5.29	58.41	5.46	57.44	5.56	56.67	5.64	54.61	5.80
	47	43	63.07	5.19	61.66	5.36	59.90	5.53	**58.92**	**5.63**	58.14	5.71	56.02	5.88
	50	46	63.26	5.16	61.98	5.31	60.45	5.47	59.57	5.55	58.87	5.62	56.88	5.77
	55	51	63.56	5.10	62.51	5.23	61.36	5.35	60.65	5.42	60.09	5.46	58.31	5.58
	60	56	63.87	5.05	63.04	5.15	62.27	5.24	61.73	5.28	61.31	5.31	59.74	5.40
	63	59	64.06	5.02	63.36	5.10	62.81	5.17	62.38	5.20	62.04	5.22	60.60	5.28
	68	64	64.24	4.98	63.68	5.05	63.36	5.11	63.04	5.12	62.78	5.13	61.47	5.17
Mixed Indoor Units 54 (100%)	0	-0.4	28.66	3.46	26.98	3.59	26.97	3.65	26.36	3.68	25.87	3.70	24.77	3.83
	5	4.5	33.73	3.60	32.16	3.73	31.68	3.81	31.01	3.85	30.47	3.89	29.24	4.02
	10	9	37.12	3.73	35.62	3.86	34.83	3.96	34.12	4.01	33.56	4.06	32.24	4.19
	17	15	40.86	3.91	39.44	4.04	38.30	4.16	**37.55**	**4.23**	36.95	4.29	35.53	4.41
	20	19	43.12	4.03	41.75	4.15	40.40	4.29	39.63	4.37	39.01	4.44	37.52	4.56
	25	23	46.89	4.24	45.50	4.36	43.92	4.52	43.09	4.61	42.42	4.69	40.83	4.81
	30	28	50.67	4.46	49.11	4.61	47.42	4.75	46.55	4.85	45.85	4.94	44.17	5.06
	35	32	54.45	4.69	52.72	4.85	50.93	4.98	50.01	5.09	49.28	5.19	47.50	5.31
	40	36	57.23	4.82	55.62	4.99	53.85	5.13	52.92	5.24	52.17	5.32	50.28	5.47
	45	41	60.70	4.99	59.25	5.16	57.50	5.32	56.55	5.42	55.78	5.50	53.76	5.66
	47	43	62.09	5.06	60.70	5.23	58.96	5.40	**58.00**	**5.49**	57.23	5.56	55.15	5.73
	50	46	62.27	5.03	61.01	5.18	59.50	5.33	58.64	5.41	57.95	5.48	55.99	5.62
	55	51	62.57	4.98	61.53	5.10	60.40	5.22	59.70	5.28	59.15	5.33	57.40	5.44
	60	56	62.88	4.92	62.06	5.02	61.29	5.11	60.77	5.15	60.35	5.18	58.81	5.26
	63	59	63.06	4.89	62.37	4.97	61.83	5.05	61.41	5.07	61.07	5.09	59.65	5.15
	68	64	63.24	4.86	62.69	4.92	62.37	4.98	62.05	4.99	61.80	5.00	60.51	5.05

TC = Total Capacity (kBtu/h).

PI = Power Input (kW).

Nominal Capacity as rated: 0 ft. above sea level with Piping Length as Main Pipe (16.4 ft.) + Branch pipe (98.4 ft.) = 115 ft.

0 ft. level difference between outdoor and indoor units.

Nominal heating capacity rating obtained with air entering the indoor unit at 70°F dry bulb (DB) and 60°F wet bulb (WB), and outdoor ambient conditions of 47°F dry bulb (DB) and 43°F wet bulb (WB).

Due to our policy of continuous product innovation, some specifications may change without notification.
©LG Electronics U.S.A., Inc., Englewood Cliffs, NJ. All rights reserved. "LG" is a registered trademark of LG Corp.

PERFORMANCE DATA

Heating Capacity Tables

Table 149: LMU540HV Heating Capacity Table —Mixed Indoor Units (continued).

Combination Capacity Index (kBtu/h[%])	Outdoor Air Temp.		Indoor Air Temp. °F DB											
			61		64		68		70		72		75	
	°F DB	°F WB	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
Mixed Indoor Units 49 (90%)	0	-0.4	26.00	3.12	24.48	3.24	24.47	3.29	23.92	3.31	23.47	3.33	22.48	3.46
	5	4.5	30.60	3.25	29.18	3.37	28.75	3.43	28.14	3.47	27.65	3.50	26.54	3.62
	10	9	33.69	3.37	32.33	3.48	31.61	3.57	30.96	3.62	30.45	3.66	29.25	3.77
	17	15	37.07	3.53	35.78	3.64	34.75	3.75	**34.07**	**3.81**	33.53	3.86	32.24	3.98
	20	19	39.13	3.63	37.88	3.74	36.66	3.87	35.96	3.94	35.39	4.00	34.05	4.11
	25	23	42.55	3.82	41.29	3.93	39.85	4.08	39.10	4.16	38.50	4.23	37.05	4.34
	30	28	45.98	4.02	44.56	4.15	43.03	4.28	42.24	4.38	41.61	4.45	40.08	4.56
	35	32	49.41	4.22	47.84	4.38	46.21	4.49	45.38	4.59	44.72	4.68	43.10	4.79
	40	36	51.93	4.35	50.47	4.50	48.86	4.63	48.02	4.72	47.34	4.80	45.62	4.93
	45	41	55.08	4.50	53.76	4.65	52.18	4.80	51.31	4.89	50.62	4.96	48.78	5.10
	47	43	56.34	4.56	55.08	4.72	53.50	4.87	**52.63**	**4.95**	51.93	5.02	50.04	5.17
	50	46	56.50	4.54	55.36	4.67	53.99	4.81	53.21	4.88	52.58	4.94	50.81	5.07
	55	51	56.78	4.49	55.84	4.60	54.81	4.71	54.18	4.76	53.67	4.80	52.08	4.91
	60	56	57.05	4.44	56.31	4.53	55.62	4.61	55.14	4.64	54.76	4.67	53.36	4.74
	63	59	57.22	4.41	56.60	4.48	56.11	4.55	55.72	4.57	55.42	4.59	54.13	4.65
	68	64	57.39	4.38	56.88	4.44	56.60	4.49	56.31	4.50	56.08	4.51	54.90	4.55
Mixed Indoor Units 43 (80%)	0	-0.4	22.82	2.71	21.49	2.81	21.48	2.86	20.99	2.88	20.60	2.90	19.73	3.00
	5	4.5	26.86	2.82	25.61	2.92	25.23	2.98	24.69	3.02	24.27	3.04	23.29	3.15
	10	9	29.56	2.93	28.37	3.03	27.74	3.10	27.18	3.14	26.72	3.18	25.67	3.28
	17	15	32.54	3.06	31.41	3.16	30.50	3.26	**29.90**	**3.31**	29.43	3.36	28.29	3.45
	20	19	34.34	3.16	33.25	3.25	32.18	3.36	31.56	3.43	31.06	3.48	29.88	3.57
	25	23	37.34	3.32	36.24	3.41	34.98	3.54	34.31	3.61	33.78	3.67	32.51	3.77
	30	28	40.36	3.49	39.11	3.61	37.76	3.72	37.07	3.80	36.52	3.87	35.17	3.96
	35	32	43.37	3.67	41.99	3.80	40.56	3.90	39.83	3.99	39.24	4.06	37.83	4.16
	40	36	45.58	3.78	44.30	3.91	42.88	4.02	42.14	4.10	41.55	4.17	40.04	4.28
	45	41	48.34	3.91	47.18	4.04	45.79	4.17	45.03	4.24	44.42	4.30	42.81	4.43
	47	43	49.44	3.97	48.34	4.10	46.96	4.23	**46.19**	**4.30**	45.58	4.36	43.92	4.49
	50	46	49.59	3.94	48.59	4.06	47.39	4.18	46.70	4.24	46.15	4.29	44.59	4.40
	55	51	49.83	3.90	49.00	3.99	48.10	4.09	47.55	4.14	47.11	4.17	45.71	4.26
	60	56	50.07	3.86	49.42	3.93	48.81	4.00	48.40	4.03	48.06	4.06	46.83	4.12
	63	59	50.22	3.83	49.67	3.89	49.24	3.95	48.90	3.97	48.63	3.99	47.50	4.04
	68	64	50.36	3.81	49.92	3.86	49.67	3.90	49.42	3.91	49.21	3.92	48.19	3.95
Mixed Indoor Units 38 (70%)	0	-0.4	20.17	2.36	18.99	2.45	18.98	2.49	18.55	2.51	18.20	2.53	17.44	2.62
	5	4.5	23.74	2.46	22.63	2.55	22.30	2.60	21.82	2.63	21.45	2.65	20.58	2.74
	10	9	26.13	2.55	25.07	2.64	24.51	2.70	24.02	2.74	23.62	2.77	22.69	2.86
	17	15	28.76	2.67	27.75	2.76	26.96	2.84	**26.43**	**2.89**	26.00	2.93	25.00	3.01
	20	19	30.35	2.75	29.38	2.84	28.44	2.93	27.89	2.99	27.45	3.03	26.41	3.12
	25	23	33.00	2.89	32.02	2.98	30.91	3.09	30.32	3.15	29.86	3.20	28.73	3.29
	30	28	35.66	3.05	34.56	3.15	33.37	3.24	32.76	3.32	32.27	3.37	31.08	3.46
	35	32	38.32	3.20	37.10	3.31	35.84	3.40	35.20	3.48	34.68	3.54	33.43	3.63
	40	36	40.28	3.29	39.15	3.41	37.90	3.50	37.24	3.58	36.72	3.64	35.39	3.73
	45	41	42.72	3.41	41.70	3.53	40.47	3.63	39.80	3.70	39.26	3.75	37.83	3.86
	47	43	43.70	3.46	42.72	3.57	41.50	3.69	**40.82**	**3.75**	40.28	3.80	38.81	3.92
	50	46	43.82	3.44	42.94	3.54	41.88	3.64	41.27	3.70	40.78	3.74	39.41	3.84
	55	51	44.04	3.40	43.31	3.48	42.51	3.57	42.02	3.61	41.63	3.64	40.40	3.72
	60	56	44.25	3.36	43.68	3.43	43.14	3.49	42.77	3.52	42.47	3.54	41.39	3.59
	63	59	44.38	3.34	43.90	3.40	43.52	3.45	43.22	3.46	42.98	3.48	41.98	3.52
	68	64	44.51	3.32	44.12	3.36	43.90	3.40	43.67	3.41	43.49	3.42	42.58	3.45

TC = Total Capacity (kBtu/h).

PI = Power Input (kW).

Nominal Capacity as rated: 0 ft. above sea level with Piping Length as Main Pipe (16.4 ft.) + Branch pipe (98.4 ft.) = 115 ft.

0 ft. level difference between outdoor and indoor units.

Nominal heating capacity rating obtained with air entering the indoor unit at 70ºF dry bulb (DB) and 60ºF wet bulb (WB), and outdoor ambient conditions of 47ºF dry bulb (DB) and 43ºF wet bulb (WB).

Due to our policy of continuous product innovation, some specifications may change without notification.
©LG Electronics U.S.A., Inc., Englewood Cliffs, NJ. All rights reserved. "LG" is a registered trademark of LG Corp.

PERFORMANCE DATA

Heating Capacity Tables

Table 150: LMU540HV Heating Capacity Table —Mixed Indoor Units (continued).

Combination Capacity Index (kBtu/h[%])	Outdoor Air Temp.		Indoor Air Temp. °F DB											
			61		64		68		70		72		75	
	°F DB	°F WB	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
Mixed Indoor Units 32 (60%)	0	-0.4	16.98	1.95	15.99	2.03	15.98	2.06	15.62	2.08	15.33	2.09	14.68	2.16
	5	4.5	19.99	2.03	19.06	2.11	18.77	2.15	18.38	2.17	18.06	2.19	17.33	2.27
	10	9	22.00	2.11	21.11	2.18	20.64	2.24	20.22	2.27	19.89	2.29	19.10	2.36
	17	15	24.21	2.21	23.37	2.28	22.70	2.35	**22.25**	**2.39**	21.90	2.42	21.05	2.49
	20	19	25.55	2.27	24.74	2.34	23.94	2.42	23.48	2.47	23.11	2.51	22.24	2.58
	25	23	27.79	2.39	26.96	2.46	26.03	2.55	25.53	2.61	25.14	2.65	24.19	2.72
	30	28	30.03	2.52	29.10	2.60	28.10	2.68	27.58	2.74	27.17	2.79	26.17	2.86
	35	32	32.27	2.65	31.24	2.74	30.18	2.81	29.64	2.88	29.20	2.93	28.15	3.00
	40	36	33.91	2.72	32.96	2.82	31.91	2.90	31.36	2.96	30.91	3.01	29.79	3.09
	45	41	35.97	2.82	35.11	2.91	34.07	3.00	33.51	3.06	33.06	3.10	31.86	3.19
	47	43	36.79	2.86	35.97	2.95	34.94	3.05	**34.37**	**3.10**	33.91	3.14	32.68	3.24
	50	46	36.90	2.84	36.15	2.93	35.26	3.01	34.75	3.06	34.34	3.09	33.18	3.18
	55	51	37.08	2.81	36.46	2.88	35.79	2.95	35.38	2.98	35.05	3.01	34.01	3.07
	60	56	37.26	2.78	36.77	2.83	36.32	2.89	36.01	2.91	35.76	2.93	34.85	2.97
	63	59	37.37	2.76	36.96	2.81	36.64	2.85	36.39	2.86	36.19	2.88	35.35	2.91
	68	64	37.48	2.74	37.15	2.78	36.96	2.81	36.77	2.82	36.62	2.83	35.86	2.85
Mixed Indoor Units 27 (50%)	0	-0.4	14.33	1.61	13.49	1.67	13.49	1.70	13.18	1.71	12.93	1.72	12.39	1.79
	5	4.5	16.86	1.68	16.08	1.74	15.84	1.78	15.50	1.80	15.24	1.81	14.62	1.87
	10	9	18.56	1.74	17.81	1.80	17.42	1.85	17.06	1.87	16.78	1.89	16.12	1.95
	17	15	20.43	1.82	19.72	1.88	19.15	1.94	**18.78**	**1.97**	18.47	2.00	17.76	2.06
	20	19	21.56	1.88	20.87	1.94	20.20	2.00	19.81	2.04	19.50	2.07	18.76	2.13
	25	23	23.45	1.97	22.75	2.03	21.96	2.11	21.54	2.15	21.21	2.19	20.41	2.24
	30	28	25.34	2.08	24.55	2.15	23.71	2.21	23.27	2.26	22.93	2.30	22.08	2.36
	35	32	27.23	2.18	26.36	2.26	25.46	2.32	25.00	2.38	24.64	2.42	23.75	2.48
	40	36	28.61	2.25	27.81	2.33	26.92	2.39	26.46	2.44	26.08	2.48	25.14	2.55
	45	41	30.35	2.33	29.62	2.41	28.75	2.48	28.27	2.53	27.89	2.56	26.88	2.64
	47	43	31.04	2.36	30.35	2.44	29.48	2.52	**29.00**	**2.56**	28.61	2.59	27.57	2.67
	50	46	31.13	2.35	30.51	2.42	29.75	2.49	29.32	2.52	28.97	2.55	28.00	2.62
	55	51	31.29	2.32	30.77	2.38	30.20	2.43	29.85	2.46	29.57	2.48	28.70	2.54
	60	56	31.44	2.30	31.03	2.34	30.65	2.38	30.38	2.40	30.17	2.42	29.40	2.45
	63	59	31.53	2.28	31.19	2.32	30.92	2.35	30.70	2.36	30.53	2.37	29.83	2.40
	68	64	31.62	2.27	31.34	2.30	31.19	2.32	31.03	2.33	30.90	2.33	30.25	2.35
Mixed Indoor Units 24 (40%)	0	-0.4	12.74	1.41	11.99	1.47	11.99	1.49	11.72	1.50	11.50	1.51	11.01	1.56
	5	4.5	14.99	1.47	14.29	1.52	14.08	1.55	13.78	1.57	13.54	1.59	13.00	1.64
	10	9	16.50	1.52	15.83	1.58	15.48	1.62	15.17	1.64	14.92	1.66	14.33	1.71
	17	15	18.16	1.60	17.53	1.65	17.02	1.70	**16.69**	**1.73**	16.42	1.75	15.79	1.80
	20	19	19.17	1.64	18.56	1.69	17.96	1.75	17.61	1.78	17.34	1.81	16.68	1.86
	25	23	20.84	1.73	20.22	1.78	19.52	1.85	19.15	1.88	18.86	1.91	18.15	1.96
	30	28	22.52	1.82	21.83	1.88	21.08	1.94	20.69	1.98	20.38	2.01	19.63	2.07
	35	32	24.20	1.91	23.43	1.98	22.64	2.03	22.23	2.08	21.90	2.12	21.11	2.17
	40	36	25.44	1.97	24.72	2.04	23.93	2.09	23.52	2.14	23.19	2.17	22.35	2.23
	45	41	26.98	2.04	26.33	2.11	25.56	2.17	25.13	2.21	24.79	2.24	23.89	2.31
	47	43	27.60	2.07	26.98	2.13	26.21	2.20	**25.78**	**2.24**	25.44	2.27	24.51	2.34
	50	46	27.68	2.05	27.12	2.11	26.45	2.18	26.06	2.21	25.76	2.23	24.89	2.29
	55	51	27.81	2.03	27.35	2.08	26.85	2.13	26.54	2.15	26.29	2.17	25.51	2.22
	60	56	27.95	2.01	27.58	2.05	27.24	2.09	27.01	2.10	26.82	2.11	26.14	2.15
	63	59	28.03	2.00	27.72	2.03	27.48	2.06	27.29	2.07	27.14	2.08	26.51	2.10
	68	64	28.11	1.98	27.86	2.01	27.72	2.03	27.58	2.04	27.47	2.04	26.89	2.06

TC = Total Capacity (kBtu/h).

PI = Power Input (kW).

Nominal Capacity as rated: 0 ft. above sea level with Piping Length as Main Pipe (16.4 ft.) + Branch pipe (98.4 ft.) = 115 ft.

0 ft. level difference between outdoor and indoor units.

Nominal heating capacity rating obtained with air entering the indoor unit at 70°F dry bulb (DB) and 60°F wet bulb (WB), and outdoor ambient conditions of 47°F dry bulb (DB) and 43°F wet bulb (WB).

Due to our policy of continuous product innovation, some specifications may change without notification.
©LG Electronics U.S.A., Inc., Englewood Cliffs, NJ. All rights reserved. "LG" is a registered trademark of LG Corp.

MULTI F MAX OUTDOOR UNIT

Electrical and Acoustic Data

Electrical Data

Table 151: LMU540HV Electrical Data.

Nominal Tons	Unit Model No.	Hertz	Voltage	Voltage Range (Min. to Max.)	MCA	MOP	Compressor Quantity	Compressor Motor RLA	Condenser Fan Motor(s)	
									Condenser Fan Quantity x kW	Condenser Fan Motor FLA
4.5	LMU540HV	60	208 - 230	187 - 253	26.4	40	1	18.5	2 x 0.12	1.25 x 2

Voltage tolerance is ±10%.

Maximum allowable voltage unbalance is 2%.

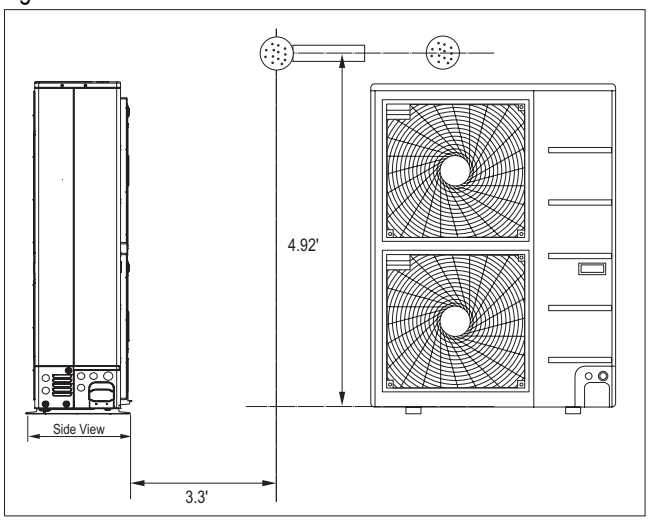
RLA = Rated Load Amps.

MCA = Minimum Circuit Ampacity.

Maximum Overcurrent Protection (MOP) is calculated as follows: (Largest motor FLA x 2.25) + (Sum of other motor FLA) rounded down to the nearest standard fuse size.

Acoustic Data

Figure 21: Sound Pressure Level Measurement Location.

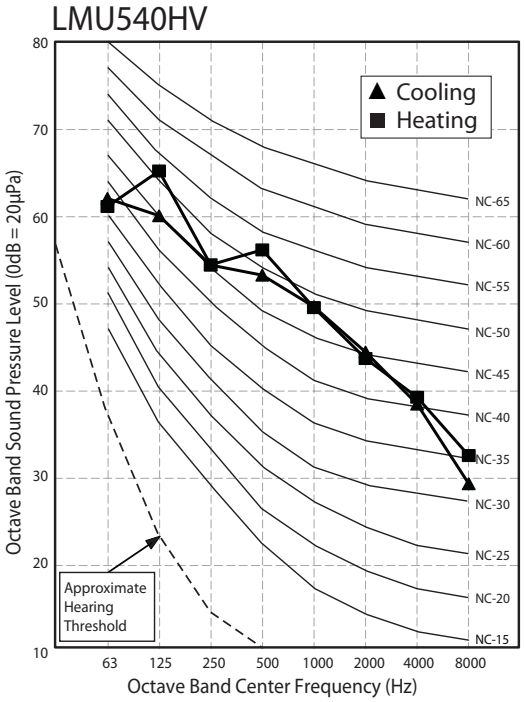


- Measurement taken 4.92' above finished floor, and at a distance of 3.3' from face of unit.
- Measurements taken with no attenuation and units operating at full load normal operating condition.
- Sound level will vary depending on a range of factors such as construction (acoustic absorption coefficient) of particular area in which the equipment is installed.
- Sound pressure levels are measured in dB(A) ±3.
- Tested in anechoic chamber per ISO Standard 3745.

Table 152: Sound Pressure Levels (dB[A]).

Model No.	Sound Pressure Levels (dB[A])	
	Cooling	Heating
LMU540HV	54	56

Figure 22: Sound Pressure Diagram.



Due to our policy of continuous product innovation, some specifications may change without notification.
©LG Electronics U.S.A., Inc., Englewood Cliffs, NJ. All rights reserved. "LG" is a registered trademark of LG Corp.

MULTI F MAX OUTDOOR UNIT

Refrigerant Flow Diagram

Figure 23: LMU540HV Refrigerant Flow Diagram.

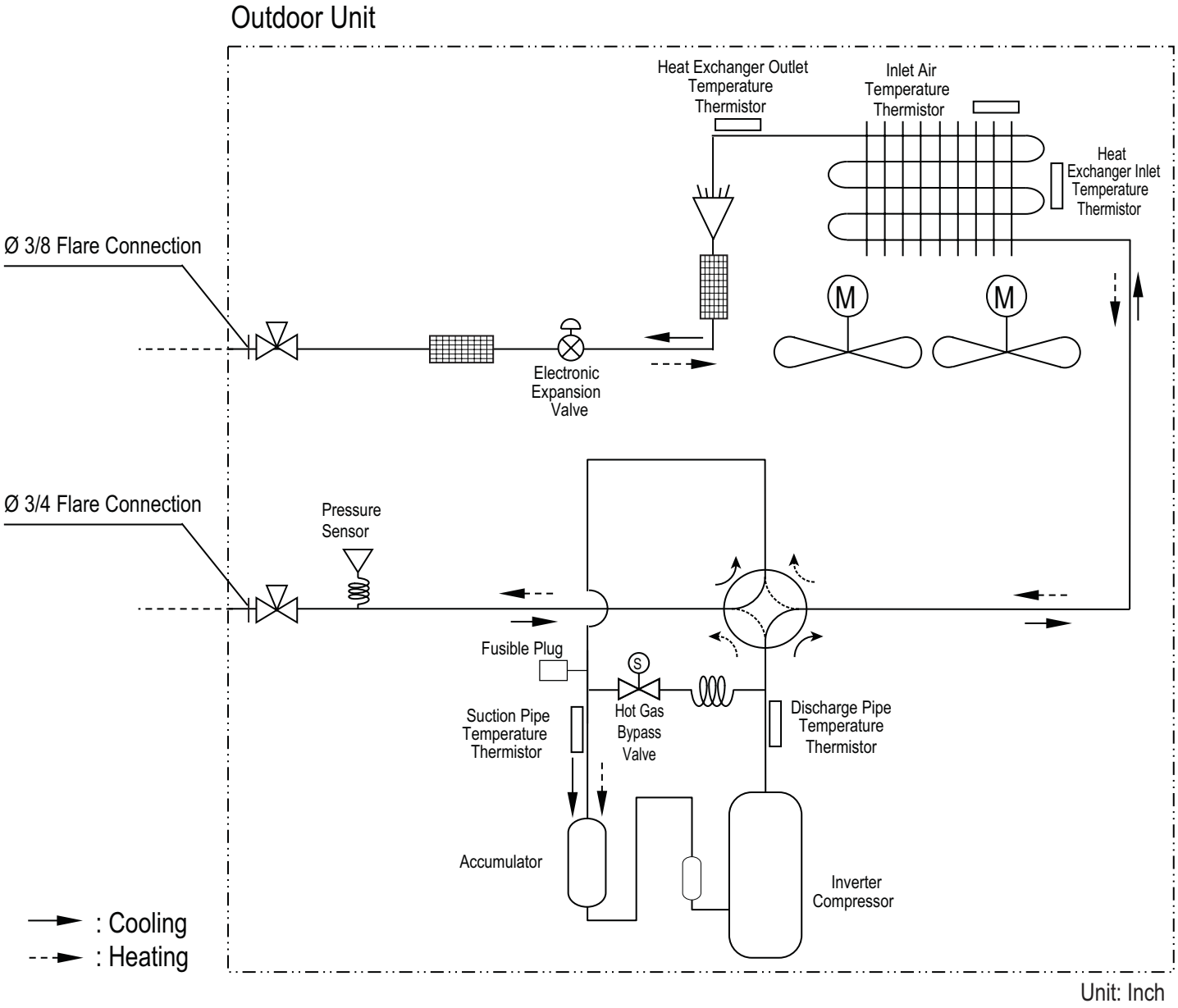
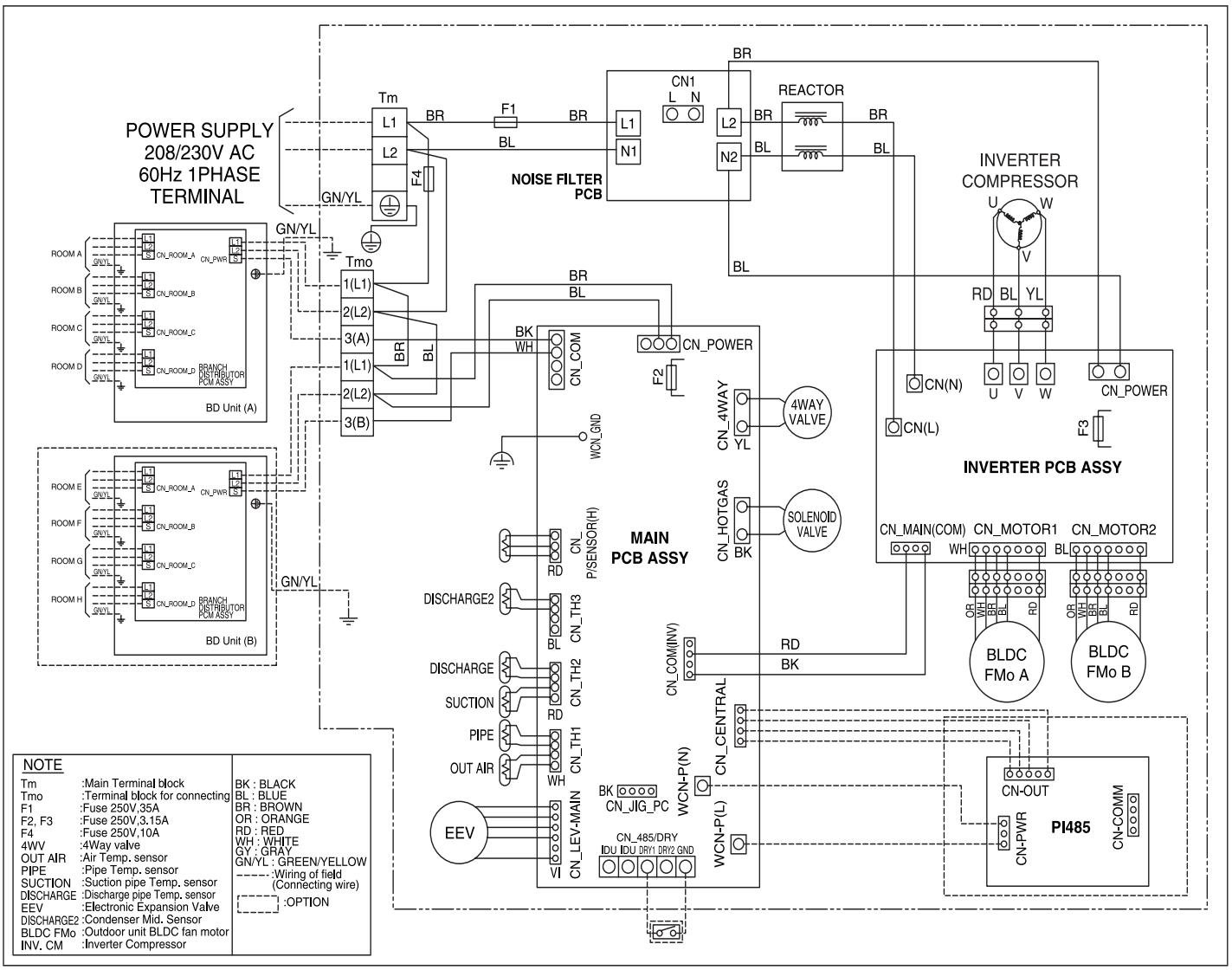


Table 153: LMU540HV Thermistor Details.

Description	PCB Connector
Heat Exchanger Inlet Temperature Thermistor	CN-TH3
Heat Exchanger Outlet Temperature Thermistor	CN-TH1
Inlet Air Temperature Thermistor	
Discharge Pipe Temperature Thermistor	CN-TH2
Suction Pipe Temperature Thermistor	
Pressure Sensor	CN-P/SENSOR(H)

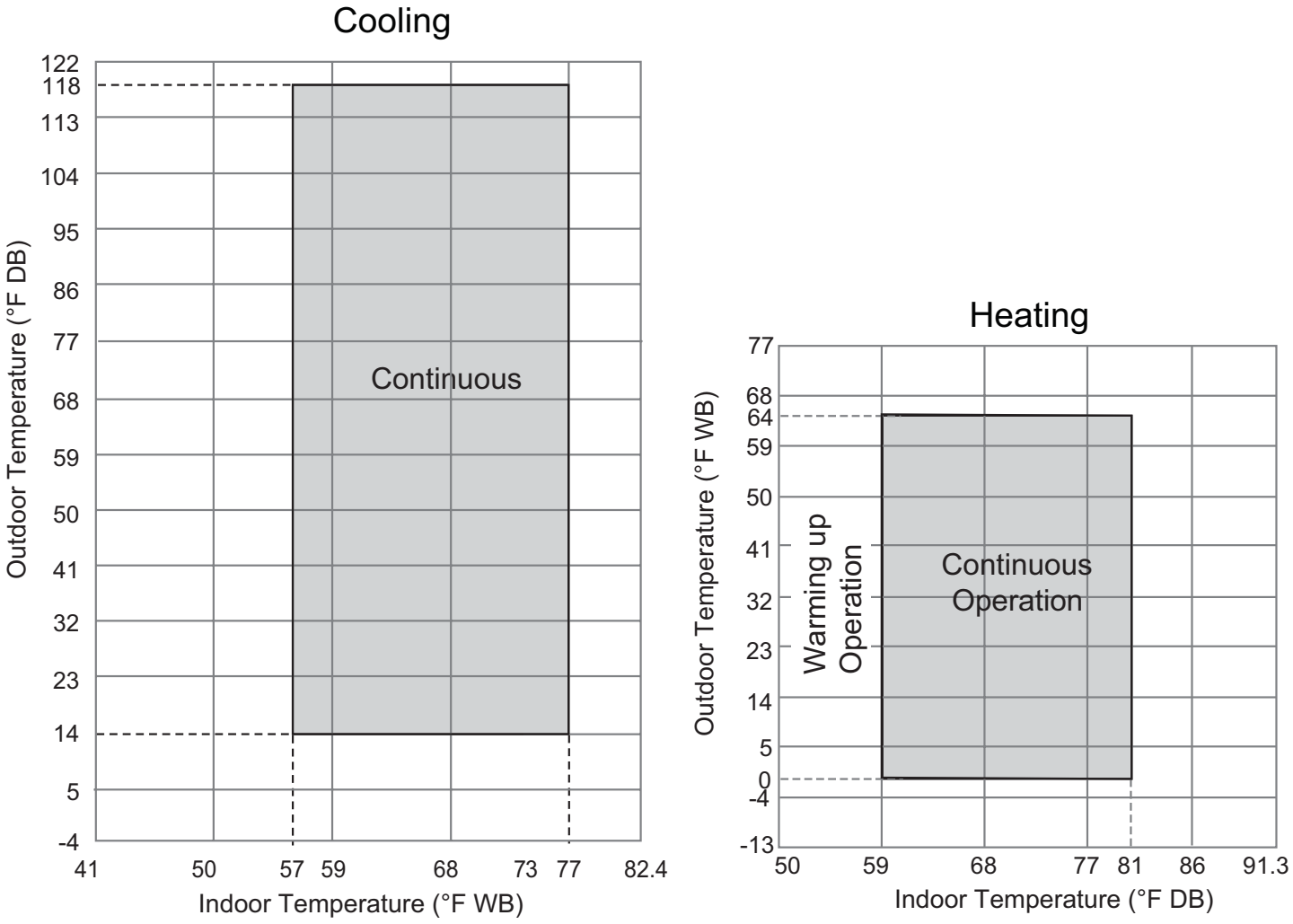
Due to our policy of continuous product innovation, some specifications may change without notification.
©LG Electronics U.S.A., Inc., Englewood Cliffs, NJ. All rights reserved. "LG" is a registered trademark of LG Corp.

Figure 24: LMU540HV Wiring Diagram.



Due to our policy of continuous product innovation, some specifications may change without notification.
©LG Electronics U.S.A., Inc., Englewood Cliffs, NJ. All rights reserved. "LG" is a registered trademark of LG Corp.

Figure 25: LMU540HV Cooling and Heating Operation Ranges.



Due to our policy of continuous product innovation, some specifications may change without notification.
©LG Electronics U.S.A., Inc., Englewood Cliffs, NJ. All rights reserved. "LG" is a registered trademark of LG Corp.

MULTI F MAX BD UNIT DATA

“Features and Benefits” on page 170
“Mechanical Specifications” on page 171
“General Data” on page 172
“Dimensions” on page 173
“Refrigerant Flow Diagram” on page 174
“Wiring Diagram” on page 175
“Y-Branch Accessory” on page 176
“Branch Distribution Unit Orientation” on page 177

MULTI F MAX BD UNIT

Features and Benefits

The Branch Distribution (BD) unit is a required accessory of Multi F MAX inverter-driven heat pump systems. Choose from two (2) port, three (3) port, or four (4) port BD units.

Two (2) refrigerant pipes-one (1) liquid line and one (1) vapor line-run from the outdoor unit to the BD unit that is installed inside of a building. Two (2), three (3), or four (4) sets of refrigerant lines will run from the BD unit to the indoor units, depending on type of BD unit selected. A Multi F MAX system can include up to two BD units (installed with the use of the Y-branch accessory PMBL5620) that support a total of eight (8) indoor units (up to four [4] indoor units per BD unit).

Figure 26: Example of Multi F MAX Heat Pump Inverter System with two BD Units



Due to our policy of continuous product innovation, some specifications may change without notification.
©LG Electronics U.S.A., Inc., Englewood Cliffs, NJ. All rights reserved. "LG" is a registered trademark of LG Corp.

MULTI F MAX BD UNIT

Mechanical Specifications

Branch Distribution Unit

General

Branch distribution units are designed for use with LG Multi F MAX (LMU540HV) outdoor units, and are internally piped, wired, assembled and run-tested at the factory. The branch distribution unit is used as an intermediate refrigerant control device between the outdoor unit and the indoor units to effectively and efficiently control the heating or cooling operation of the system through the use of electronic expansion valves.

Refrigerant System

System is designed for use with R410A refrigerant. All refrigerant lines from the outdoor unit to the branch distribution unit, and from the branch distribution unit to the indoor units, must be field insulated. The units may be connected to optional field-supplied and field-installed isolation valves for servicing without evacuating the entire system.

Piping Capabilities

Maximum piping length from the branch distribution unit to the indoor unit is 49.2 equivalent feet. Maximum elevation difference between branch distribution unit and indoor unit is 32.8 feet. Maximum elevation difference between two parallel branch distribution units is 49.2 feet.

Electrical

Each branch distribution unit is designed to operate using 208–230/60/1 power with voltage variances of ±10%.

Figure 27: PMBD3620 Two-Port Branch Distribution Unit.



Figure 28: PMBD3630 Three-Port Branch Distribution Unit.



Figure 29: PMBD3640 and PMBD3641 Four-Port Branch Distribution Unit.



Casing

The casing is designed to mount fully concealed above a finished ceiling, is manufactured of galvanized steel plate, and is internally insulated. Branch distribution units do not require a condensate drain.

Port Assembly

Branch distribution units have a two-pipe system consisting of one vapor pipe and one liquid pipe. Units are available in a choice of two (PMBD3620), three (PMBD3630) or four ports (PMBD3640 and PMBD3641); branch distribution units include two, two-positioned solenoid valves per port. Each port for PMBD3620, PMBD3630, and PMBD3640 units connect to one indoor unit for a maximum nominal capacity of 24,000 Btu/h. For PMBD3641 units, ports A, B, C each connect to one indoor unit for a maximum nominal capacity of 24,000 Btu/h; port D connect to one indoor unit for a nominal capacity of 36,000 Btu/h. Maximum nominal capacity per branch distribution unit is 73,000 Btu/h. Two branch distribution units can be piped in parallel using accessory Y-branch kit PMBL5620.

Controls

The unit is provided with factory-installed control boards and an integral microprocessor to communicate with the main control board in the outdoor unit. Communication between the branch distribution unit, the outdoor unit, and the indoor units is accomplished through a 18 AWG, four-core, stranded and shielded power / communication cable.

Due to our policy of continuous product innovation, some specifications may change without notification.
©LG Electronics U.S.A., Inc., Englewood Cliffs, NJ. All rights reserved. "LG" is a registered trademark of LG Corp.

MULTI F MAX BD UNIT

General Data

Table 154: Multi F MAX BD Unit General Data.

Model Number		PMBD3620	PMBD3630	PMBD3640	PMBD3641
No. of Connectable Indoor Units[1]		1-2	1-3	1-4	1-4
Max. Nominal Capacity / Port (Btu/h)[2]		24,000	24,000	24,000	24,000 for A,B,C Ports; 36,000 for D Port
Max. Nominal Capacity / BD Unit (Btu/h)		48,000	72,000	73,000	73,000
Operation Temperature Range (°F DB)		0 ~ 122	0 ~ 122	0 ~ 122	0 ~ 122
Unit Data					
Refrigerant Type		R410A	R410A	R410A	R410A
Power Supply V, Ø, Hz		208-230, 1, 60	208-230, 1, 60	208-230, 1, 60	208-230, 1, 60
Power Input (W)		16	24	32	32
Rated Amps (A)		0.08	0.12	0.16	0.16
Dimensions W x H x D (in.)		17-3/32 x 6-13/32 x 10-23/32	17-3/32 x 6-13/32 x 10-23/32	17-3/32 x 6-13/32 x 10-23/32	17-3/32 x 6-13/32 x 10-23/32
Net Unit Weight (lbs.)		13	14.3	15.7	15.7
Shipping Weight (lbs.)		15	17	18	18
Power Wiring / Communication Cables[3]					
From Outdoor Unit to BD Unit (Qty. x AWG)[3]		4 x 16	4 x 16	4 x 16	4 x 16
From BD Unit to Indoor Unit (Qty. x AWG)[3]		4 x 18	4 x 18	4 x 18	4 x 18
Piping Connections					
Outdoor Unit to BD Unit	Liquid (in., OD)	Ø3/8	Ø3/8	Ø3/8	Ø3/8
	Vapor (in., OD)	Ø3/4	Ø3/4	Ø3/4	Ø3/4
BD Unit to Indoor Units	Liquid (in., OD) x Qty.	Ø1/4 x 2	Ø1/4 x 3	Ø1/4 x 4	Ø1/4 x 3 Ø3/8 x 1
	Vapor (in., OD) x Qty.	Ø3/8 x 2	Ø3/8 x 3	Ø3/8 x 4	Ø3/8 x 3 Ø5/8 x 1
Piping Lengths					
Maximum Total System Piping (ft.)[4]		476	476	476	476
Maximum Main Pipe Length (Outdoor Unit to BD Units [ft.])		180	180	180	180
Total Branch Piping (BD Units to Indoor Units [ft.])		295	295	295	295
Maximum Branch Pipe Length Between BD Unit and Each Indoor Unit [ft.])		49	49	49	49
Maximum Outdoor Unit to Indoor Unit Pipe Length (ft.)		230	230	230	230
Piping Length (No Additional Refrigerant [ft.]; 16 ft. of Main Piping + 131 ft. of Branch Piping)		147	147	147	147
Maximum Elevation between BD Unit and Indoor Unit (ft.)		33	33	33	33
Maximum Elevation between BD Unit and BD Unit (ft.)		49	49	49	49

[1]At least one Branch Distribution Unit is required for system operation; a maximum of two can be installed per outdoor unit with use of Y-branch accessory (PMBL5620) To connect only one (1) indoor unit to a branch distribution unit, the system must include another branch distribution unit with at least one (1) connected indoor unit.

[2]Branch Distribution Unit can accommodate from one (1) indoor unit up to four (4) indoor units depending on the ports available on the Branch Distribution Unit.

[3]All power wiring / communication cables to be four-conductor, stranded, shielded, and must comply with applicable local and national codes.

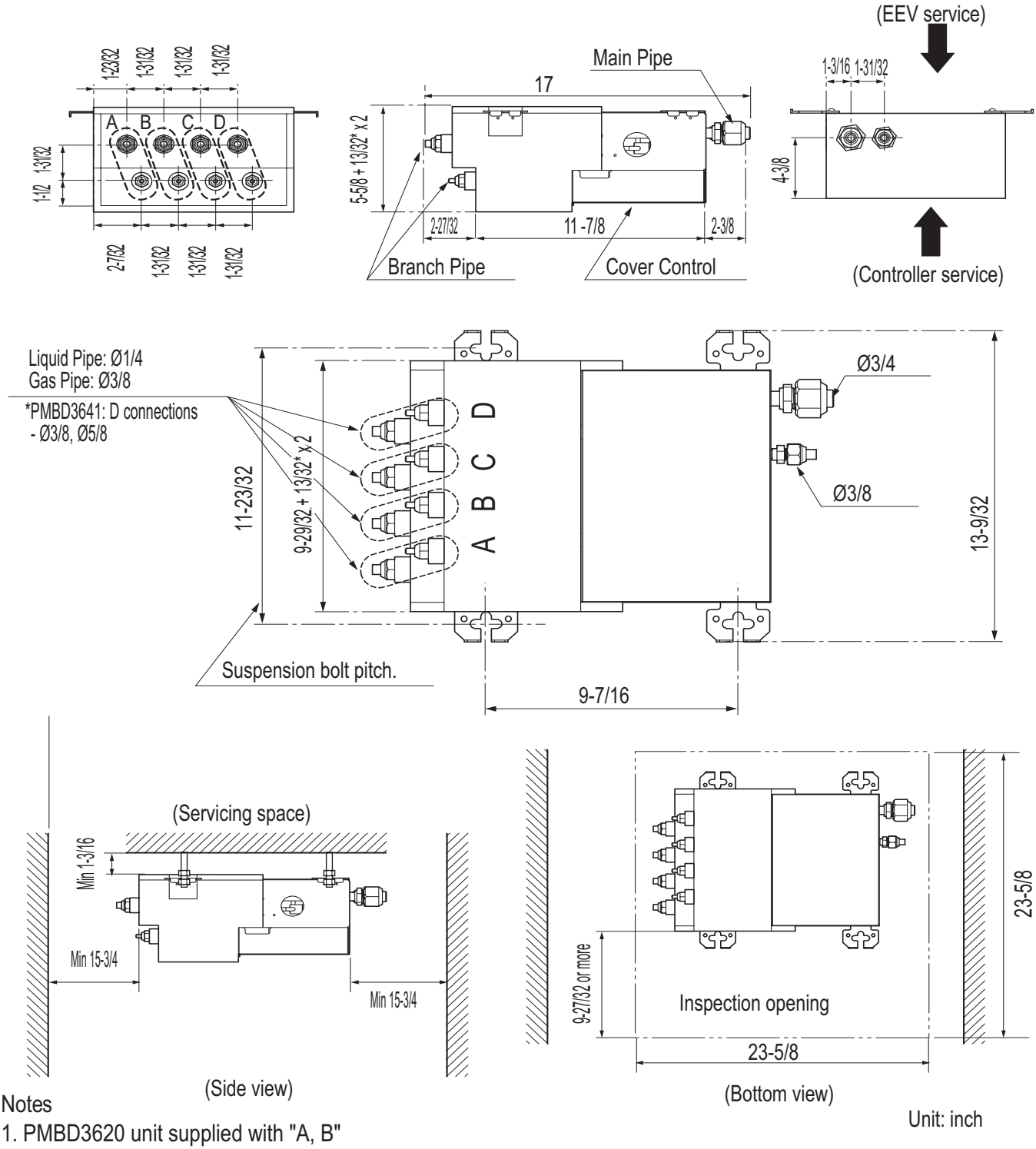
[4]Piping lengths are equivalent.

Due to our policy of continuous product innovation, some specifications may change without notification.
©LG Electronics U.S.A., Inc., Englewood Cliffs, NJ. All rights reserved. "LG" is a registered trademark of LG Corp.

MULTI F MAX BD UNIT

Dimensions

Figure 30: PMBD3620, PMBD3630, PMBD3640, and PMBD3641 External Dimensions.



Notes

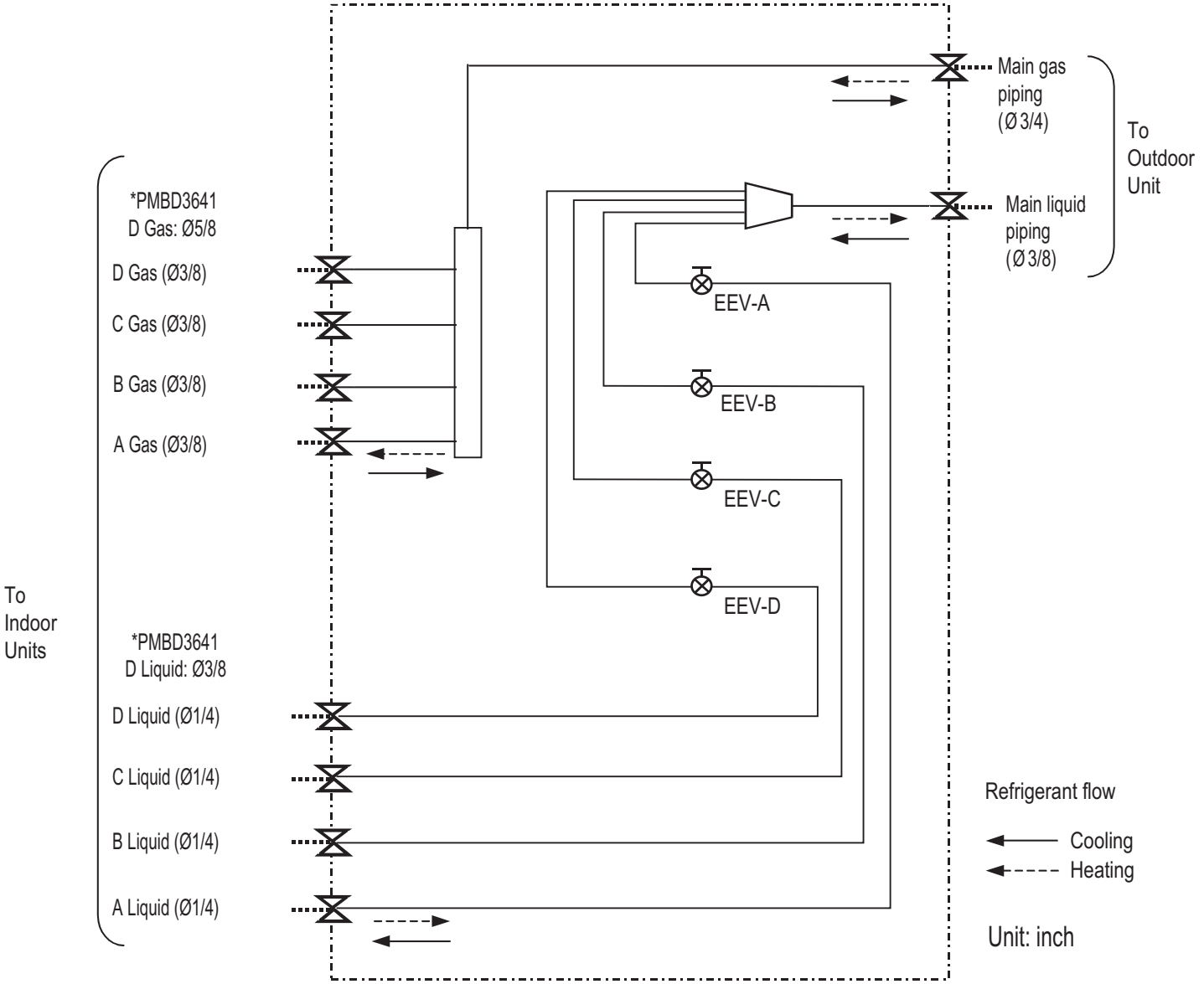
1. PMBD3620 unit supplied with "A, B"
2. PMBD3630 unit supplied with "A, B, C"
3. PMBD3640, PMBD3641 unit supplied with "A, B, C, D"
4. * Thickness of insulation

Due to our policy of continuous product innovation, some specifications may change without notification.
©LG Electronics U.S.A., Inc., Englewood Cliffs, NJ. All rights reserved. "LG" is a registered trademark of LG Corp.

MULTI F MAX BD UNIT

Refrigerant Flow Diagram

Figure 31: PMBD3620, PMBD3630, PMBD3640, PMBD3641 Refrigerant Flow Diagram.

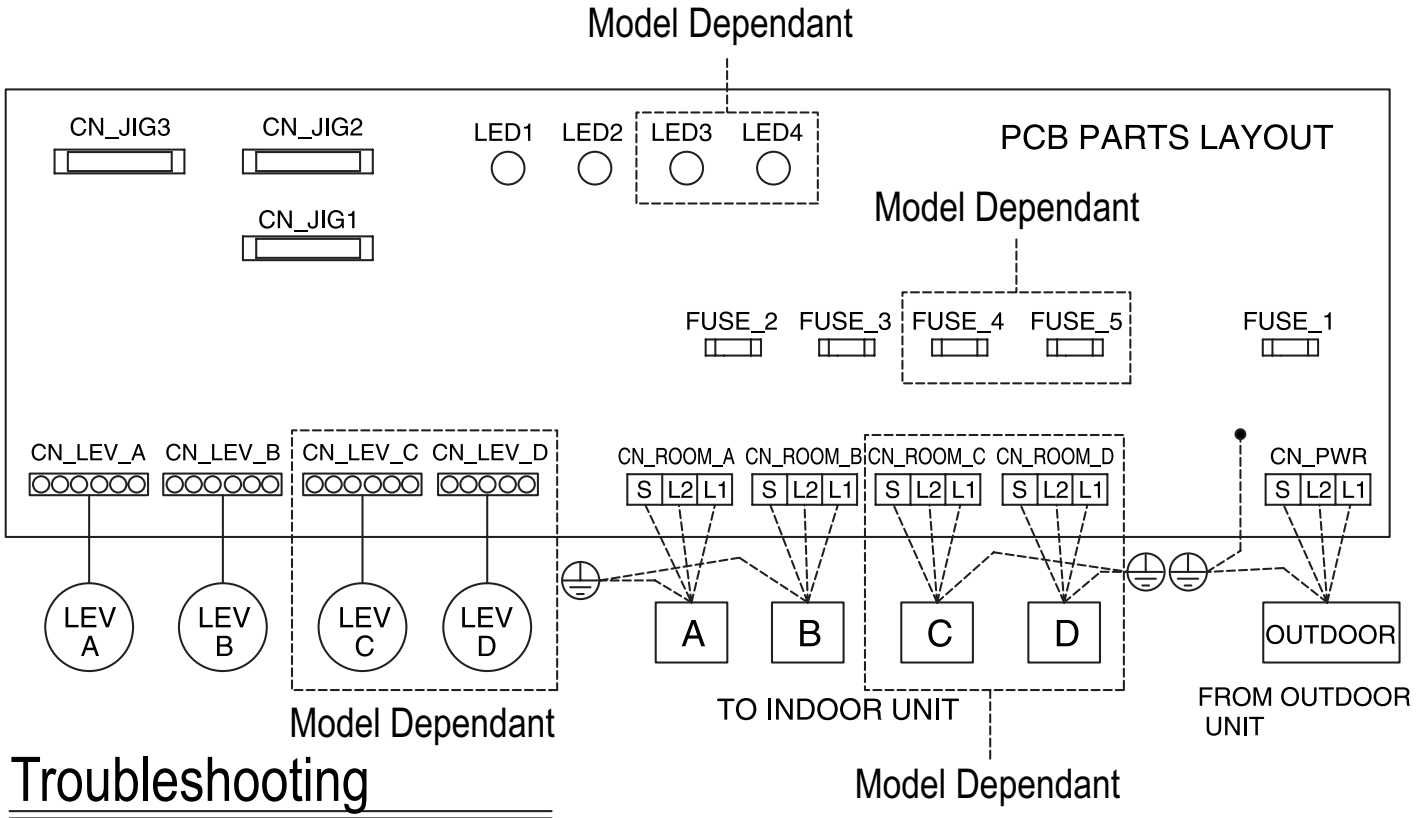


Note:

1. *Flare connections for field piping installation.*
2. *Match the BD ports to the indoor unit and outdoor unit piping sizes. Use an adapter if the piping size does not match the piping size of the connecting indoor unit.*
3. *EEV: Electronic Expansion Valve*
4. *PMBD3620 BD Unit supplied with "A, B".*
   PMBD3630 BD Unit supplied with "A, B, C".
   PMBD3640 and PMBD3641 BD Units supplied with "A, B, C, D".

Due to our policy of continuous product innovation, some specifications may change without notification.
©LG Electronics U.S.A., Inc., Englewood Cliffs, NJ. All rights reserved. "LG" is a registered trademark of LG Corp.

Figure 32: PMBD3620, PMBD3630, PMBD3640, PMBD3641 Wiring Diagram.



Troubleshooting

LED	DIAGNOSIS
	NORMAL
	ABNORMALITY -->CHECK BRANCH DISTRIBUTOR UNIT
	ABNORMALITY -->CHECK INDOOR OR OUTDOOR UNIT CHECK CONNECTING CABLE

Note:

PMBD3620 BD Unit supplied with "A, B".
PMBD3630 BD Unit supplied with "A, B, C".
PMBD3640 and PMBD3641 BD Units supplied with "A, B, C, D".

Due to our policy of continuous product innovation, some specifications may change without notification.
©LG Electronics U.S.A., Inc., Englewood Cliffs, NJ. All rights reserved. "LG" is a registered trademark of LG Corp.

MULTI F MAX BD UNIT

Multi F MAX Y-Branch Accessory

Y-Branch accessory PMBL5620 is required when installing two branch distribution units in parallel on one Multi F MAX system.

Table 155: Multi F MAX Y-Branch Specifications.

Model	Y-Branch Type	Port Identifier (inch)		
		1	2	3
PMBL5620	Liquid	Ø3/8	Ø3/8	Ø3/8
	Vapor	Ø3/4	Ø3/4	Ø3/4
	Y-Branch Type	Dimensions (inch)		
		X	Y	
	Liquid	13.80	3.24	
	Vapor	12.48	3.02	

Figure 33: Y-Branch Port Identifier Diagram.

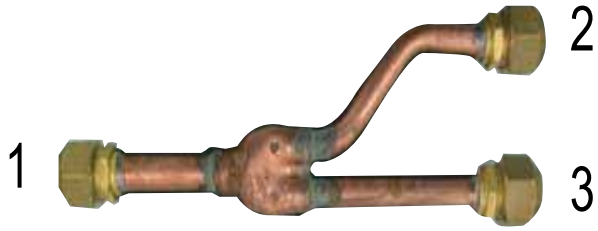
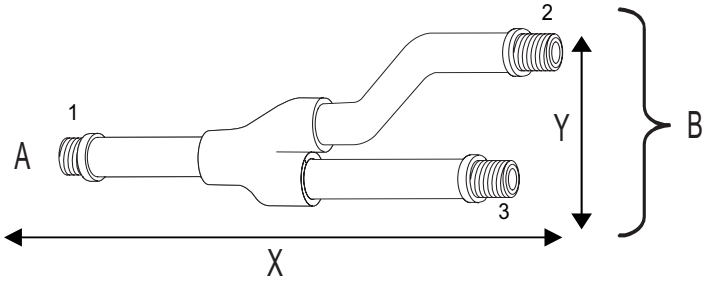


Figure 34: Y-Branch Dimensions Diagram.



A = To Outdoor Unit
B = To Branch Distribution Unit

Due to our policy of continuous product innovation, some specifications may change without notification.
©LG Electronics U.S.A., Inc., Englewood Cliffs, NJ. All rights reserved. "LG" is a registered trademark of LG Corp.

MULTI F MAX BD UNIT

Branch Distribution Unit Orientation

Multi F MAX Branch Distribution (BD) Units can be installed in a multitude of options to fit various building configurations and job or application requirements. Multi F MAX BD Units include electronic expansion valves that properly seat only if the BD Unit is installed in an acceptable orientation. Installations with improper BD Unit orientation risk incomplete valve seating and system performance degradation from potential refrigerant leakage through the electronic expansion valve.

Note:

This material is for informational or educational purposes only. It is not intended to be a substitute for professional advice. Consult with your engineer or design professionals for specific applications to your system

Figure 35: Acceptable BD Unit Ceiling Mount Orientations.

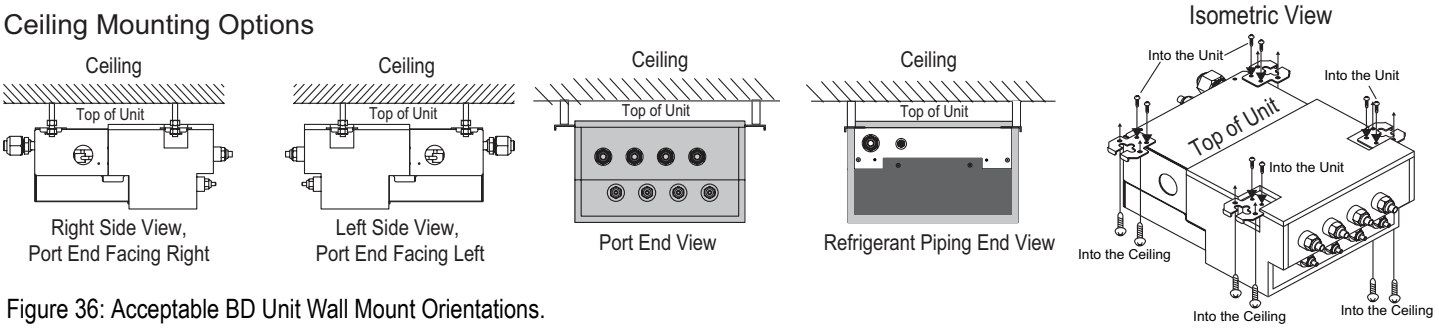


Figure 36: Acceptable BD Unit Wall Mount Orientations.

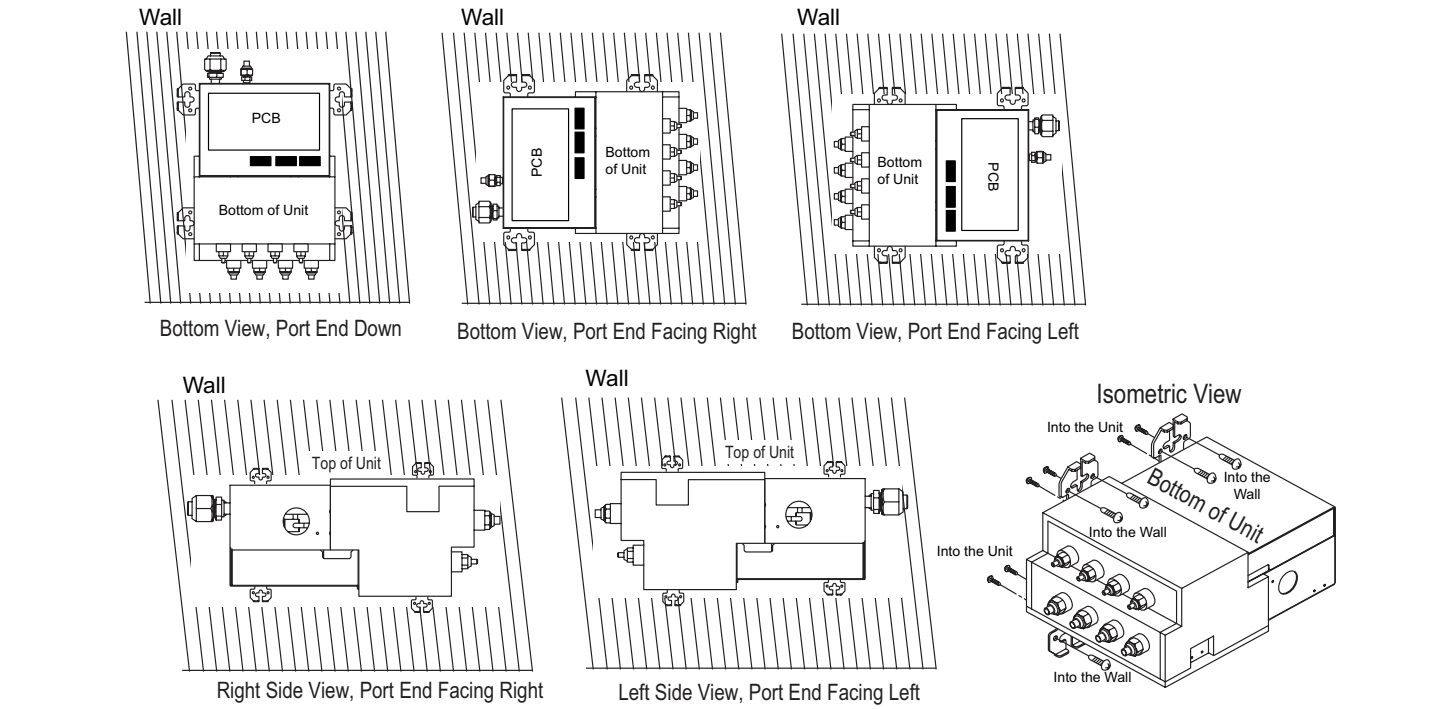
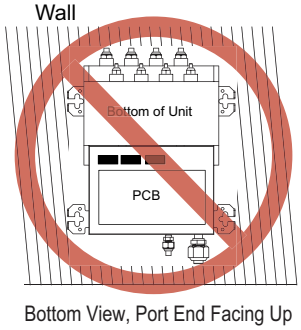


Figure 37: Unacceptable BD Unit Orientation.



Due to our policy of continuous product innovation, some specifications may change without notification.
©LG Electronics U.S.A., Inc., Englewood Cliffs, NJ. All rights reserved. "LG" is a registered trademark of LG Corp.

Due to our policy of continuous product innovation, some specifications may change without notification.
©LG Electronics U.S.A., Inc., Englewood Cliffs, NJ. All rights reserved. "LG" is a registered trademark of LG Corp.

APPLICATION GUIDELINES

“Equipment Selection Procedure” on page 180

“Building Ventilation Design Guide” on page 186

“Placement Considerations” on page 190

EQUIPMENT SELECTION PROCEDURE

To choose the multi-zone system that is the most appropriate for the space, as with traditional air-conditioning systems, follow similar protocols outlined in Manual J from the Air Conditioning Contractors of America (ACCA; see www.acca.org).

1. Obtain the design conditions, and calculate the maximum cool and heat loads for the structure.

2. Select the equipment (choosing the appropriate indoor units and outdoor unit):
   - Determine number of zones.
   - Determine total number of indoor units (refer to zone load calculations when choosing indoor units).
   - Determine number of indoor units allocated to each outdoor unit, considering allowable indoor unit connections, both indoor unit and outdoor unit capacities, and system piping capabilities.

3. Determine the corrected capacity for the indoor units and outdoor unit using:
   - System Combination Tables.
   - Capacity Tables (it may be necessary to interpolate).
   - Capacity Coefficient Factors (such as refrigerant line length derates, design condition derates, defrost operation derate [heating mode], altitude derate [if applicable]).

4. Compare corrected capacities to load calculations.

5. Reselect equipment if necessary.

Obtain Design Conditions, Calculate Maximum Cool / Heat Loads

Obtain the winter outdoor/indoor temperature and summer and winter outdoor/indoor temperature design parameters for the location in which the system is installed. Determine if summer or winter design gains, relative humidity, and building features like skylights, orientation, number of occupants, etc., would change the total heat loss / gain and sensible / latent heat gain, and then calculate the maximum cool and heat loads for the space (using Manual J, or energy modeling programs).

Select the Equipment

Determine the Number of Zones

Multi F heat pump systems can cool or heat, but not simultaneously. When designing larger-capacity Multi F heat pump systems or a Multi F MAX system, the designer may be able to combine spaces with similar load profiles located near or adjacent to each other into “thermal zones.” After combining like spaces into zones that will be served by a single (or grouped) indoor unit(s), calculate the peak cooling and heating loads for each zone.

Choosing the Appropriate Indoor Units

Determine the appropriate indoor unit capacity that satisfies the given zone load calculations, choose how many (and which styles of) indoor units will be required. See Table 156 for allowable indoor unit to outdoor unit connections, and the maximum number of connectable indoor units on each Multi F and Multi F MAX outdoor unit. When choosing, also consider the cooling and heating CFM, featured airflow specifications, and static pressure (if applicable) for each indoor unit.

Avoid oversizing indoor units in an attempt to increase the air exchange rate in the space. Multi F and Multi F MAX systems are designed for minimum airflow over the coil to maximize latent capacity while cooling, maintain a comfortable, consistent discharge air temperature while heating, and minimize fan motor power consumption. In extreme cases, oversizing the indoor units may affect outdoor unit size selection and compromise the outdoor unit’s ability to effectively match the space load(s).

For proper system operation:

1. At least two indoor units must be connected to the outdoor unit.
2. Total connected indoor unit nominal capacity should be a minimum 40% and a maximum of 130% of outdoor unit nominal capacity.
3. To calculate the connected total indoor unit nominal capacity, simply sum up the nominal capacities of all indoor units. For 24,000 and 36,000 Btu/h indoor units, a 1.3 multiplier must first be applied before adding to the sum of other indoor units.

Due to our policy of continuous product innovation, some specifications may change without notification.
©LG Electronics U.S.A., Inc., Englewood Cliffs, NJ. All rights reserved. “LG” is a registered trademark of LG Corp.

EQUIPMENT SELECTION PROCEDURE

Table 156: Allowable Indoor Unit to Outdoor Unit Connections.

Indoor units		Outdoor units			
Model Type	Indoor Unit Nominal Capacity* (Btu/h)	LMU187HV	LMU247HV	LMU369HV	LMU540HV
		Maximum No. of Connectable Indoor Units			
	Btu/h	2	3	4	8
ART COOL Mirror	9,000	O	O	O	O
	12,000	O	O	O	O
	18,000	-	O	O	O
ART COOL Gallery	9,000	O	O	O	O
	12,000	O	O	O	O
Wall Mounted	9,000	O	O	O	O
	12,000	O	O	O	O
	18,000	-	O	O	O
Ceiling Concealed Duct-Low Static	9,000	O	O	O	O
	12,000	O	O	O	O
	18,000	-	O	O	O
Ceiling Concealed Duct-High Static	24,000	-	-	O	O
	36,000	-	-	-	O
Four-Way Ceiling Cassette	12,000	O	O	O	O
	18,000	-	O	O	O
Vertical-Horizontal Air Handler	24,000	-	-	O	O
	36,000	-	-	-	O

Choosing the Appropriate Outdoor Unit

After all indoor units are properly sized to offset the applicable loads in each zone, select the outdoor unit by choosing a size that meets both the load-cooling requirement, and offsets the sum of the heating load. Then, the system's combination ratio should be evaluated and confirmed it is within the allowable range (the combination ratio compares the nominal capacity of all connected indoor units to the nominal capacity of the outdoor unit serving them). The total nominal capacity of all indoor units should be smaller than the total nominal capacity of the outdoor unit. If the combination ratio is more than 100%, the designer is undersizing the outdoor unit relative to the combined nominal capacity of the connected indoor units. In some designs, oversized indoor units may be unavoidable in the case where the smallest size indoor unit available from LG is larger than what is necessary to satisfy the zone load. This scenario may also occur when an indoor unit selection one size down from the selected unit is slightly short of fulfilling the design load requirements, and the designer must choose the next largest size unit. Sometimes it is recommended to choose a larger capacity outdoor unit if the installation space is big enough. Also, it may be prudent to oversize the outdoor unit to address those times when the weather conditions may exceed the design conditions, to minimize the possibility of ventilation systems that causes the space temperature to drift outside design parameters, or when the indoor unit's entering air temperature falls outside the approved design temperature range.

Table 157: Nominal Outdoor Unit Capacity.

		Outdoor Units			
		LMU187HV	LMU247HV	LMU369HV	LMU540HV
Nominal Capacity (Btu/h)	Cooling	15,600	19,200	34,000	52,500
	Heating	17,000	26,400	41,000	58,000
Connectable Indoor Units	Minimum No. of Connectable Indoor Units	2	2	2	2
	Maximum No. of Connectable Indoor Units	2	3	4	8
	Maximum Capacity Index	24,000	33,000	48,000	73,000

Due to our policy of continuous product innovation, some specifications may change without notification.
©LG Electronics U.S.A., Inc., Englewood Cliffs, NJ. All rights reserved. "LG" is a registered trademark of LG Corp.

Determine the Corrected Capacity

The *corrected* cooling / heating capacity is different from the nominal (rated) cooling / heating capacity. The corrected capacity includes changes in unit performance after considering design temperatures, available capacity that can be allocated from the outdoor unit, pressure drop due to refrigerant line length, defrost operation in heating mode, and (if applicable) altitude. Depending on the location of the building, additional capacity correction factors may need to be applied.

Using the Outdoor Unit Cooling and Heating Capacity Tables

Nominal cooling capacity ratings are obtained with air entering the indoor unit at 80ºF dry bulb (DB) and 67ºF wet bulb (WB), and outdoor ambient conditions of 95ºF dry bulb (DB) and 75ºF wet bulb (WB). Nominal heating capacity ratings are obtained with air entering the indoor unit at 70ºF dry bulb (DB) and 60ºF wet bulb (WB) and outdoor ambient conditions of 47ºF dry bulb (DB) and 43ºF wet bulb (WB).

To evaluate the total outdoor unit capacity at design conditions, reference the Performance Data Capacity Tables found in the Multi F outdoor unit section in this manual. All design temperatures are not explicitly shown in the charts, therefore, interpolation may be necessary to calculate the capacity for specific design conditions. Based on the premise that capacity follows a linear curve, the following formula can be applied:

$$(y - y1) / (y2 - y1) = (x - x1) / (x2 - x1)$$

Where

y = Missing Capacity (Capacity at the Design Temperature).[1]
y1 = Capacity at Lower Temperature (Smaller value of the two nearest published TC datapoints).
y2 = Capacity at Higher Temperature (Higher value of the two nearest published TC datapoints).
x = Design Temperature (Temperature not shown in published capacity tables).[2]
x1 = (Smaller value of the two nearest published temperature datapoints).
x2 = (Larger value of the two nearest published temperature datapoints).

[1]Median between two published Total Capacity [TC] Btu/h datapoints in the capacity table.
[2]Median between two nearest published temperature datapoints.

Using the Indoor Unit Cooling and Heating Capacity Tables

The datapoints shown in the indoor unit cooling and heating capacity charts are based on (and convey) an indoor unit operating with maximum possible refrigerant flow from the outdoor unit and before any derates are applied. In other words, the capacities displayed reflect what the indoor unit would produce if it was the only indoor unit that required capacity, and the outdoor unit did not have to allocate any capacity to another indoor unit.

System operation with a combination of indoor units is not conveyed in these charts, however, the information can be used to calculate indoor unit allocated capacity (without using the system combination tables). Simply calculate by using the formula:

$$Qidu(combi) = Qodu(rated) \times \frac{Qidu(rated)}{\Sigma Qidu(rated)}$$

Where

Qidu(combi) = Individual Indoor Unit Combination Capacity.
Qodu(rated) = Outdoor Unit Rated Capacity.
Qidu(rated) = Individual Indoor Unit Rated Capacity.
ΣQidu(rated) = Total Connected Indoor Unit Rated Capacity.

Note:

The formula can be used to find individual indoor unit capacity for Multi F MAX systems.

Note:

A more accurate method to determine expected capacity would be to apply the outdoor unit's corrected capacity instead of rated capacity.

Due to our policy of continuous product innovation, some specifications may change without notification.
©LG Electronics U.S.A., Inc., Englewood Cliffs, NJ. All rights reserved. "LG" is a registered trademark of LG Corp.

EQUIPMENT SELECTION PROCEDURE

Using the System Combination Tables

Multi F system combination tables illustrate how each indoor unit receives a percentage of total outdoor unit rated capacity. Allocation is based on:

- Combinations of Non-Ducted Indoor Units
- Combinations of Ducted Indoor Units
- Combinations of Mixed Non-Ducted and Ducted Indoor Units

Multi F MAX system combination tables only show the total connected indoor unit capacity, but individual indoor unit capacity can be calculated using the formula:

$$Qidu(combi) = Qodu(rated) \times \frac{Qidu(rated)}{\Sigma Qidu(rated)}$$

Note:

A more accurate method to determine expected capacity would be to apply the outdoor unit's corrected capacity instead of rated capacity.

Capacity Coefficient Factors

Refrigerant Line Length Derates

For air-cooled systems, a capacity correction factor may have to be applied to account for the length of the system's refrigerant pipe. Rate of change in capacity due to increased piping lengths is shown in Tables 158 to 160.

Table 158: Multi F Outdoor Unit (Multiple Piping) to Indoor Unit Refrigerant Line Length Derates.

Piping Length (feet)	Cooling Capacity (%)	Heating Capacity (%)
9,000 Btu/h Indoor Unit Models		
25.0	100.0	100.0
32.8	98.0	99.0
49.2	94.8	97.4
65.6	91.6	95.8
82.0	88.4	94.2
12,000 Btu/h Indoor Unit Models		
25.0	100.0	100.0
32.8	97.6	98.6
49.2	93.8	96.4
65.6	89.9	94.1
82.0	86.1	91.9
18,000 Btu/h Indoor Unit Models		
25.0	100.0	100.0
32.8	98.6	99.6
49.2	96.4	99.0
65.6	94.1	98.3
82.0	91.9	97.7
24,000 Btu/h Indoor Unit Models		
25.0	100.0	100.0
32.8	98.2	99.2
49.2	95.4	98.0
65.6	92.4	96.6
82.0	89.6	95.4

Due to our policy of continuous product innovation, some specifications may change without notification.
©LG Electronics U.S.A., Inc., Englewood Cliffs, NJ. All rights reserved. "LG" is a registered trademark of LG Corp.

Table 159: Multi F MAX Outdoor Unit to Branch Distribution Unit Refrigerant Line Length Derates.

Main Piping Length (feet)	16.4	32.8	49.2	65.6	82.0	98.4	114.8	131.2	147.6	164.0	180.4
Cooling Capacity (%)	100.0	98.8	97.3	95.8	94.3	92.8	91.3	89.8	88.3	86.8	85.3
Heating Capacity (%)	100.0	99.6	99.2	98.7	98.3	97.8	97.4	96.9	96.5	96.0	95.6

Figure 38: Multi F MAX Outdoor Unit to Branch Distribution Unit Refrigerant Line Length Derate Chart.

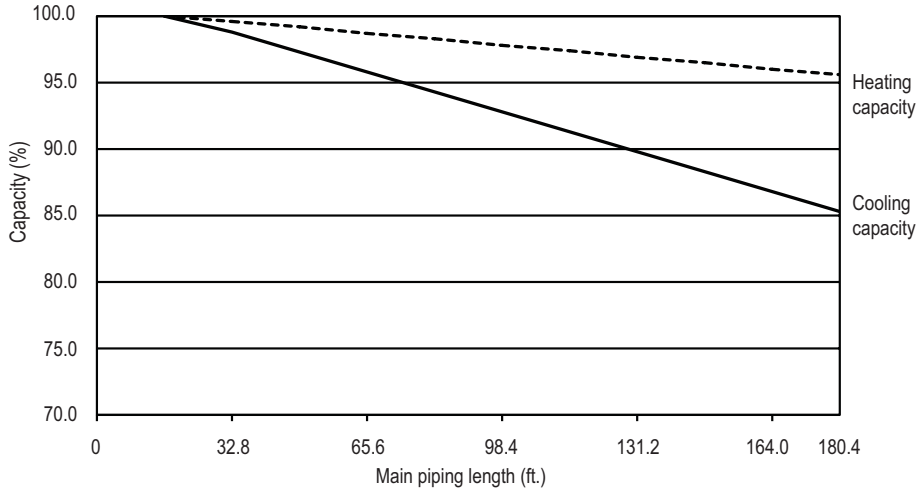


Table 160: Multi F MAX Branch Distribution Unit to Indoor Unit Refrigerant Line Length Derates.

Piping Length (feet)	Cooling Capacity (%)	Heating Capacity (%)
9,000 Btu/h Indoor Unit Models		
16.4	100.0	100.0
32.8	97.5	98.8
49.2	95.0	97.5
12,000 Btu/h Indoor Unit Models		
16.4	100.0	100.0
32.8	97.0	98.3
49.2	94.0	96.5
18,000 Btu/h Indoor Unit Models		
16.4	100.0	100.0
32.8	98.3	99.5
49.2	96.5	99.0
24,000 Btu/h Indoor Unit Models		
16.4	100.0	100.0
32.8	97.8	99.2
49.2	95.5	98.4
36,000 Btu/h Indoor Unit Models		
16.4	100.0	100.0
32.8	97.9	98.8
49.2	95.7	97.6

Due to our policy of continuous product innovation, some specifications may change without notification.
©LG Electronics U.S.A., Inc., Englewood Cliffs, NJ. All rights reserved. "LG" is a registered trademark of LG Corp.

EQUIPMENT SELECTION PROCEDURE

Altitude Correction Factor

The impact of air density must be considered on systems installed at a significant altitude above sea level, therefore, locally accepted altitude correction factors must be applied.

Defrost Correction Factor for Heating Operation

The outdoor unit heating capacity may need to be adjusted for frost accumulation on air-cooled systems. If design day conditions are below the dewpoint of the surrounding air, frost may not be a problem and no correction factor is needed. In certain weather conditions, however, frost may form and accumulate on the air-cooled outdoor unit coil and impact the coils ability to transfer heat. If significant frost accumulates on the outdoor unit coil, a defrost algorithm will start automatically. The timing between defrost periods is determined by the system's ability to achieve a target head pressure value.

Capacity and AHRI ratings tables do not factor in capacity reduction when frost has accumulated on the condenser coil, nor during defrost operation.

Integrated heating capacity values can be obtained using the formula:

A = B x C

Where:

A = Integrated Heating Capacity.
B = Value found in the Capacity Table.
C = Correction Factor for Frost Accumulation Factor (from Table 161).

Table 161: Outdoor Unit Frost Accumulation Factor (Heating)[1].

Entering DB (°F)	19.4	23.0	26.6	32.0	37.4	41.0	44.6
Derate factor	0.98	0.95	0.93	0.86	0.93	0.96	1.0

[1]At 85% outdoor air relative humidity.

The frost accumulation factor does not account for effects of snow accumulation restricting airflow through the outdoor unit coil.

Note:

There will be temporary reduction in capacity when frost / ice accumulates on the outside surface of the outdoor unit heat exchanger. The level of capacity reduction depends on a number of factors, for example, outdoor temperature (°F DB), relative humidity (RH), and the amount of frost present.

Check the Indoor and Outdoor Unit Selection(s)

Compare the corrected cooling and heating capacities to the load calculations. Is each capacity sufficient for the zone it serves?

For each indoor unit, the corrected capacity must be at least equal to the total of the cooling design load (plus ventilation load, if applicable) for the space(s) served by the indoor unit. For each indoor unit, the corrected capacity also must be at least equal to the total of the heating design load (plus ventilation load, if applicable) for the space(s) and / or thermal zones served by the indoor unit.

The outdoor unit selected should be large enough to offset the total cooling load for all spaces it serves (account for ventilation air cooling load if the ventilation air has not been pretreated to room neutral conditions). The outdoor unit should also be large enough to offset the total heating load for all spaces it serves.

If the corrected heating capacity ratio exceeds 100%, reselect the equipment, or change the system design by moving some of the load to another system.

System Sizing Check Formulas

1. Outdoor Unit Rated Capacity.
$Q_{odu(rated)}$ (From capacity tables).

2. Outdoor Unit Capacity at Ti, To Temperature.
$Q_{odu(Ti, To)}$ (From capacity tables).

3 Outdoor Unit Capacity Coefficient Factor.
$F_{(Ti, To)} = Q_{odu(Ti, To)} / Q_{odu(rated)}$

4. Piping Correction Factor (From Capacity Coefficient Factor Tables).
$F_{(length)}$ for each piping length

5. Individual Indoor Unit Combination Capacity.
$Q_{idu\ (combi)} = Q_{odu(rated)} \times Q_{idu(rated)} / Q_{idu(rated\text{-}total)}$

6. Individual Indoor Unit Actual Capacity.
$Q_{idu\ (actual)} = Q_{odu(combi)} \times F_{(Ti, To)} \times F_{(length,\ altitude)}$

Conclusions and Recommendations

- Understand the design safety factors.
- Reference load calculations for actual cooling and heating capacities (applies in 99% of applications – consider total load when latent load is greater than 30%).
- Verify that the sensible load of the zone is satisfied.
- Use caution when sizing to meet listed capacity specifications for the scheduled manufacturer's equipment.

If further system design assistance is needed, or you have a unique application you would like to discuss, contact your LG sales rep.

Due to our policy of continuous product innovation, some specifications may change without notification.
©LG Electronics U.S.A., Inc., Englewood Cliffs, NJ. All rights reserved. "LG" is a registered trademark of LG Corp.

ASHRAE Standards 62.1 and 62.2 (depending on if the building is residential or commercial), and local codes specify the minimum volume of airflow that must be provided to an occupied space. Outdoor air is required to minimize adverse health effects, and it provides acceptable indoor air quality for building occupants. Indoor units located within the zone typically require less airflow to condition the space. During the design phase, refer to the airflow capabilities listed in the specification tables for each product. Choose the best method for the application out of the five (5) ventilation options available.

Note:

Disclaimer

Although we believe that these building ventilation methods have been portrayed accurately, none of the methods have been tested, verified, or evaluated by LG Electronics, U.S.A., Inc., In all cases, the designer, installer, and contractor should understand if the suggested method is used, it is used at their own risk. LG Electronics U.S.A., Inc., takes no responsibility and offers no warranty, expressed or implied, of merchantability or fitness of purpose if this method fails to perform as stated or intended.

- *For a complete copy of ASHRAE Standard 62.1 and 62.2, refer to the American Standard of Heating and Air Conditioning Engineers (ASHRAE) website at www.ashrae.org.*

Method 1: Natural Ventilation (Non-Ducted, Unconditioned Outdoor Air)

Natural ventilation devices, such as operable windows or louvers may be used to ventilate the building when local code permits.

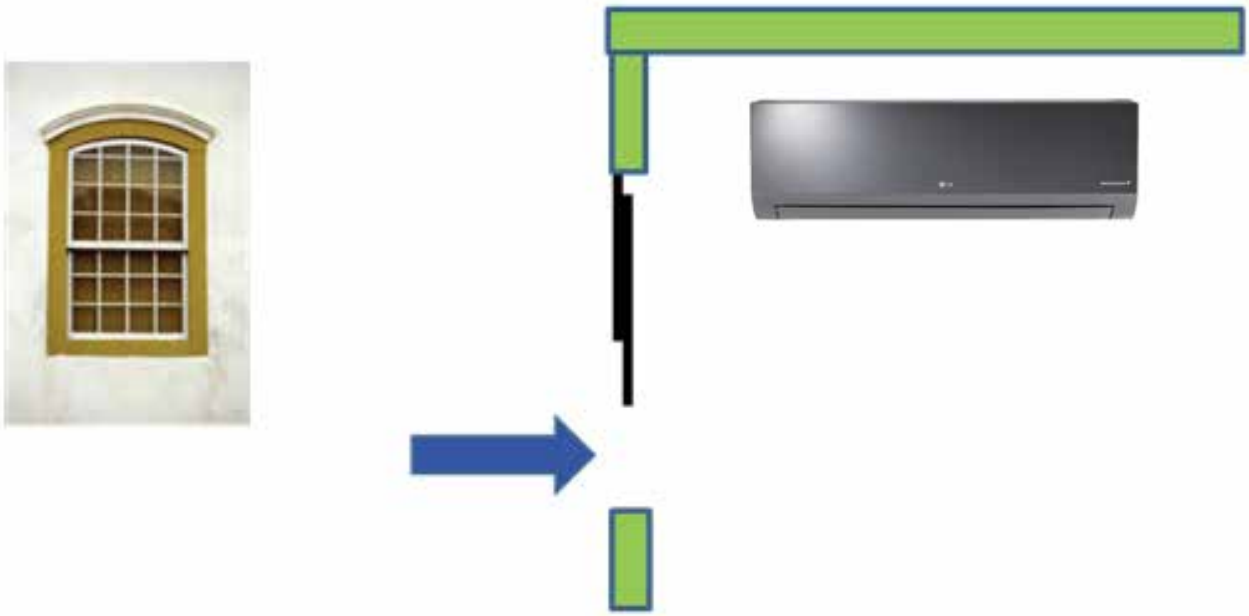
Advantages

- Occupants control the volume of the ventilation air manually.
- Useful for historic buildings that have no ceiling space available for outdoor air ductwork.
- May be used with the full lineup of Multi F indoor units.

Disadvantages

- In some locations, it may be difficult to control humidity levels when windows are open.
- Thermal comfort levels may be substandard when windows are open.
- Indoor units may have to be oversized to account for the added heating and cooling loads when windows are open.
- Provides outdoor air to perimeter spaces only. Additional mechanical ventilation system may be required to satisfy requirements for interior spaces.
- Outdoor air loads may be difficult to calculate since the quantity of outdoor air is not regulated.
- May affect indoor unit proper operation when open.

Figure 39: Natural Ventilation (Non-Ducted, Unconditioned Outdoor Air).



Due to our policy of continuous product innovation, some specifications may change without notification.
©LG Electronics U.S.A., Inc., Englewood Cliffs, NJ. All rights reserved. "LG" is a registered trademark of LG Corp.

Method 2: Unconditioned Outdoor Air (Non-Ducted, Fan Assisted Ventilation)

When approved by local codes, the fan assisted ventilation method uses exhaust fans to remove air from the building, and outdoor air is drawn into occupied spaces through a wall louver or gravity roof intake hood. Supply fans can also be used to push the outdoor air into the space and building positive pressure will vent the exhaust air through louvers or roof-mounted exhaust hoods. Outdoor air is neither cooled nor heated before entering the building.

Note:

This may result in loss of building pressurization control, increasing infiltration loads with adverse effects.

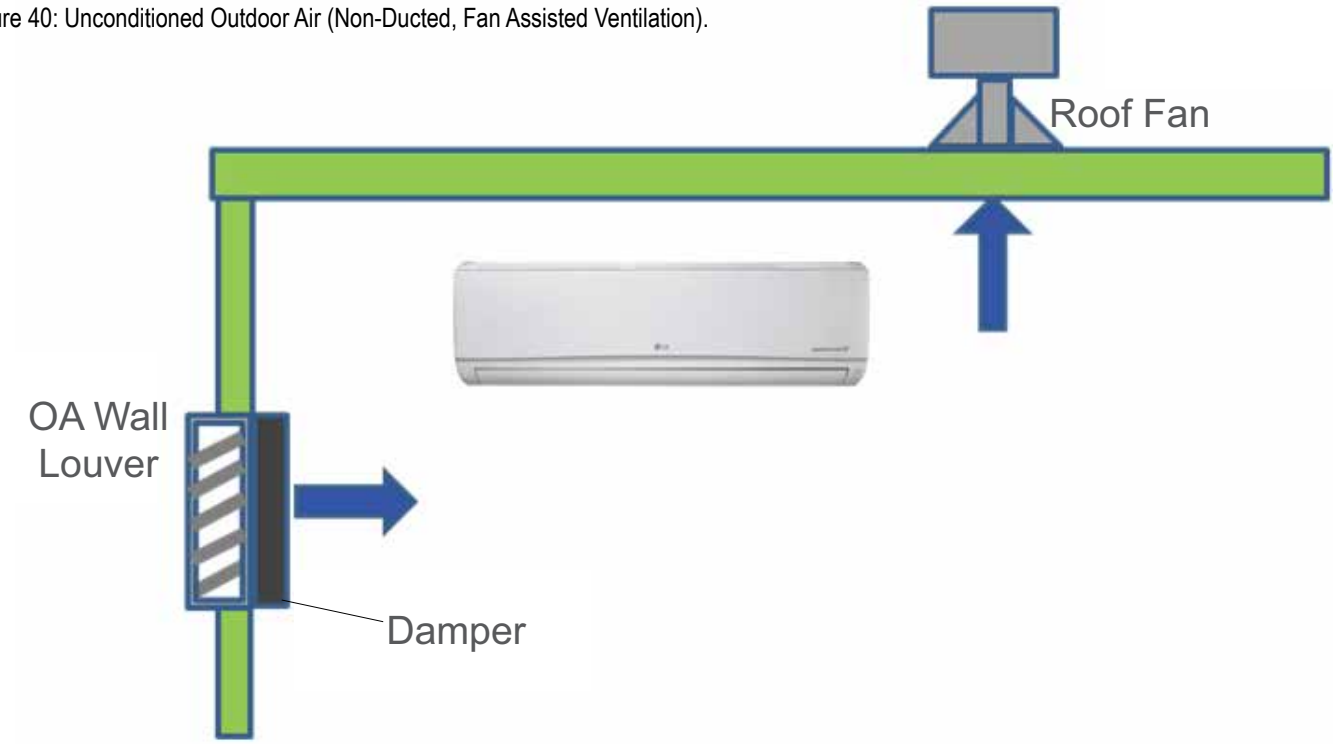
Advantages

- Outdoor air may be manually controlled by the occupant or automatic controls may be installed to open/close outdoor air dampers or to turn on/off ventilation fans.
- Useful for large open spaces like warehouses, garages, and workshops.
- Outdoor air volume is a known quantity. Air loads may be easier to calculate since fans will regulate the amount of outdoor air.
- May be used with the full lineup of Multi F indoor units.

Disadvantages

- In some locations of the country, it may be difficult to control humidity levels.
- Indoor units may have to be oversized to account for the added heating/cooling loads when louvers/hoods are open.
- Hot, cold, and/or humid areas may be present if the outdoor air is not evenly distributed to the different spaces.

Figure 40: Unconditioned Outdoor Air (Non-Ducted, Fan Assisted Ventilation).



Due to our policy of continuous product innovation, some specifications may change without notification.
©LG Electronics U.S.A., Inc., Englewood Cliffs, NJ. All rights reserved. "LG" is a registered trademark of LG Corp.

Method 3: Unconditioned Outdoor Air Ducted to Indoor Units

Untreated outdoor air is channeled through a duct system that is piped to the return air duct on Multi F ducted indoor units or to the frame of Multi F four-way cassettes.

Note:

Outside air may flow backward through the return air-filter grille when the indoor unit fan speed slows or stops in response to changes in the space load. This may result in captured particulate on the filter media being blown back into the conditioned space.

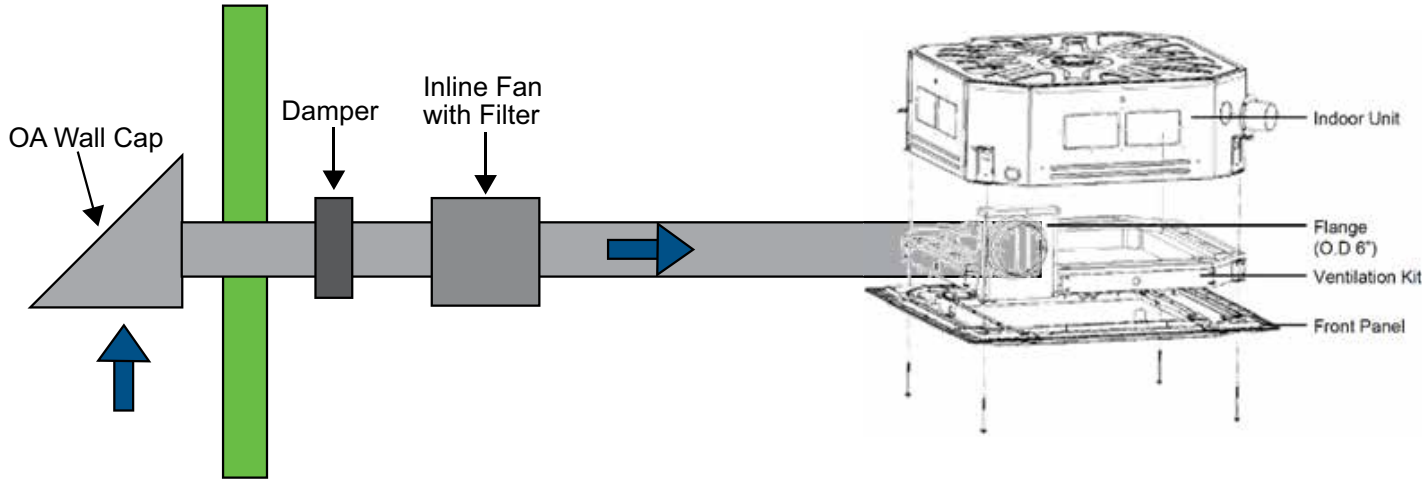
Advantages

- May require less ductwork if indoor units are placed near outdoor walls or a roof deck.
- Controls must be interlocked to shut off the outdoor air supply fan when the space is unoccupied.
- Third-party demand-control ventilation controls may be installed to regulate outdoor intake based on the CO_2 levels of the occupied space.

Disadvantages

- Fan(s) will be required to push outdoor air to the indoor unit to overcome the additional static pressure.
- Filter required to be added to the outdoor air duct.
- Ducted and four-way cassette models are the only indoor units that accept the connection of an outdoor air duct to the unit case.
- In most cases, in lieu of using the factory mounted return-air thermistor on indoor units, a remote wall temperature sensor or zone controller will be needed to provide an accurate reading of the conditioned area temperature.
- Unconditioned outdoor air may affect indoor unit performance, which may necessitate oversizing the indoor unit.

Figure 41: Unconditioned Outdoor Air Ducted to Indoor Units.



Due to our policy of continuous product innovation, some specifications may change without notification.
©LG Electronics U.S.A., Inc., Englewood Cliffs, NJ. All rights reserved. "LG" is a registered trademark of LG Corp.

Method 4: Coupled Dedicated Outdoor Air (CDOA)

A separate, dedicated outdoor air system delivers air directly to a Multi F indoor unit or to the return air duct system. After mixing with the return air stream, ventilation air passes through the indoor unit and into the conditioned space. The pretreatment system is capable of filtering, conditioning, and dehumidifying outdoor air to room neutral conditions.

Note:

Outside air may flow backward through the return air-filter grille when the indoor unit fan speed is reduced or stops when the space load is satisfied. This may result in captured particulate on the filter media being blown back into the conditioned space.

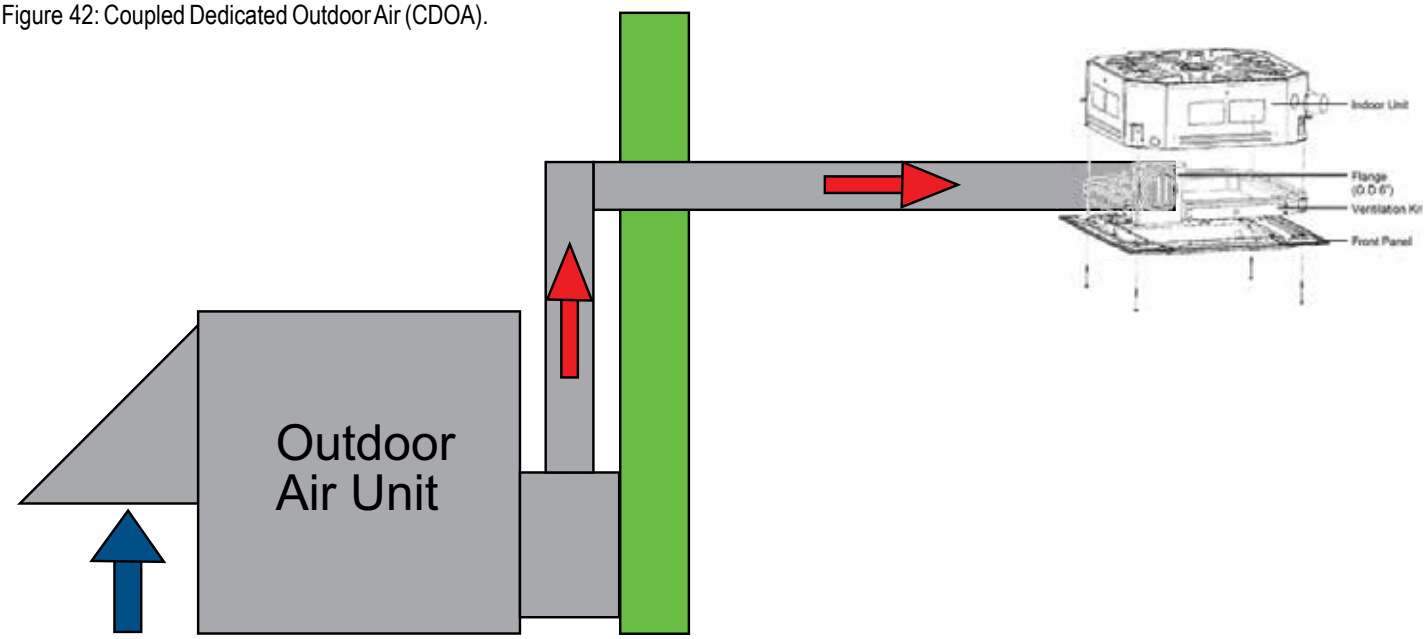
Advantages

- Indoor unit capacity may not need to be increased because of outdoor air.
- Fan and filter system is centralized to the main outdoor air unit.

Disadvantages

- Ducted and four-way cassette indoor units are the only models designed for direct connection of an outside air duct.
- Ceiling space is required for ductwork.
- Failure of outdoor air may impact indoor unit operation.
- In lieu of using the factory mounted return-air thermistor, a remote wall temperature sensor or zone controller may be required to provide an accurate conditioned space temperature reading.

Figure 42: Coupled Dedicated Outdoor Air (CDOA).



Due to our policy of continuous product innovation, some specifications may change without notification.
©LG Electronics U.S.A., Inc., Englewood Cliffs, NJ. All rights reserved. "LG" is a registered trademark of LG Corp.

Method 5: Decoupled Dedicated Outdoor Air System (DDOAS)

Provide a separate, dedicated outdoor-air system designed to filter, condition, and dehumidify ventilation air and deliver it directly to the conditioned space through a separate register or grille. This approach requires a separate independent ventilation duct system not associated with the Multi F system.

Note:

LG recommends using the DDOAS method in all installations.

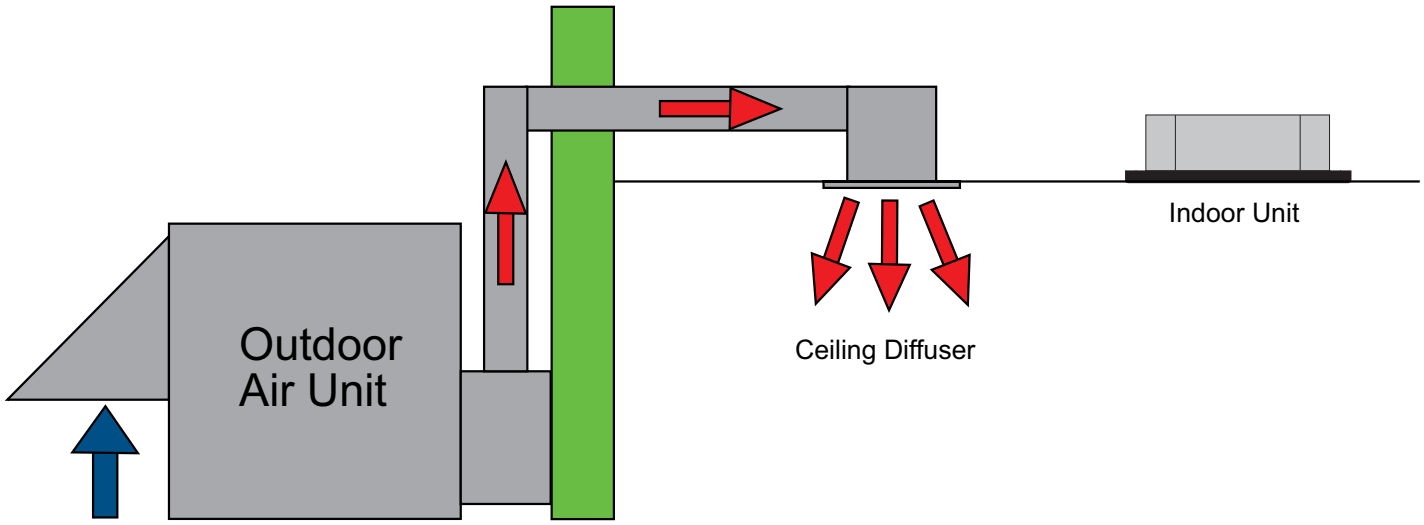
Advantages

- Does not add additional heating or cooling loads to indoor units.
- May be used with the full lineup of Multi F indoor units.
- Failure of outdoor unit does not impact operation of indoor unit, the resulting untreated air will be readily noticed by the occupants.
- The outdoor air unit may supply "neutral" air to the occupant space even when the Multi F indoor unit fan changes speed or cycles on and off. DDOAS controls do not have to be interlocked with the Multi V F system.
- In lieu of installing localized smaller outside air treatment equipment throughout the building, this method centralizes the ventilation air source making service and filter changes easier and less disruptive for the building occupants.
- Third-party demand control ventilation controls are more readily accommodated.
- Indoor unit operation and performance will not be affected by the condition of outdoor air.

Disadvantages

- Ceiling space is required to accommodate ductwork between the outdoor air unit and ceiling diffusers.

Figure 43: Decoupled Dedicated Outdoor Air System (DDOAS).



Due to our policy of continuous product innovation, some specifications may change without notification.
©LG Electronics U.S.A., Inc., Englewood Cliffs, NJ. All rights reserved. "LG" is a registered trademark of LG Corp.

PLACEMENT CONSIDERATIONS

Selecting the Best Location for the Indoor Units

Select a location for installing the indoor units that will meet the following conditions:

- Within allowable parameters for proper connection to the outdoor unit (or Branch Distribution unit, if a Multi F MAX system).
- No obstacles to air circulation around the unit; keep proper distances from ceilings, doorways, floor, walls, etc.
- So that condensation drainage can be conveniently routed away.
- Include enough space around the indoor unit so that it is accessible for maintenance and service purposes.
- Where electrical noise / electromagnetic waves will not affect indoor unit operation. Maintain proper distances between the indoor units and electric wires, audio and visual appliances, breaker / circuit panels, etc. If the frequency signal of the appliance is unstable, then install the indoor unit a minimum of ten (10) feet away, and run the power and transmission cables through a conduit.
- An area that is level and with enough strength to bear the weight of the indoor unit(s).
- An area where operation sound won't disturb occupants.
- An area that does not expose the indoor unit(s) to heat, water, steam, oil splattering or spray.

Selecting the Best Location for the Branch Distribution (BD) Unit

BD units are used only with Multi F MAX systems to distribute the refrigerant from the outdoor unit to up to eight indoor units. Select location indoors that will meet the following conditions:

- Within allowable parameters for proper connection to the Multi F MAX outdoor unit and indoor unit(s); refrigerant piping and wire lengths must not exceed amounts specified by LG Electronics, U.S.A., Inc.
- No obstacles to air circulation around the unit; keep proper distances from ceilings, doorways, floor, walls, etc.
- Condensate drain piping is not required.
- Ensure there is enough space in the installation area for service purposes; install the refrigerant piping and electrical wiring system in an easily accessible location.
- Do not install the BD unit in a location where it would be subjected to strong radiation heat from heat sources.
- Avoid an installation environment where the BD unit would be exposed to heat, water, steam, oil splattering or spray.
- Where high-frequency electrical noise / electromagnetic waves will not affect operation. Maintain proper distances between the BD unit(s) and electric wires, audio and visual appliances, breaker / circuit panels, etc.
- Level where there is enough strength to bear the weight of the BD unit.
- Install the unit in a location where any sound it generates will not disturb occupants in the surrounding rooms.

Selecting the Best Location for the Outdoor Unit

Select a location for installing the outdoor unit that will meet the following general conditions:

- A location strong enough to bear the weight of the outdoor unit.
- A location that allows for optimum air flow and is easily accessible for inspection, maintenance, and service.
- Where piping between the outdoor unit, indoor unit(s), and BD units (Multi F MAX systems only) are within allowable limits.
- Where it will not be subjected to direct thermal radiation from other heat sources, nor an area that would not expose the outdoor unit to heat or steam like discharge from boiler stacks, chimneys, steam relief ports, other air conditioning units, kitchen vents, plumbing vents, and other sources of extreme temperatures.
- Where operating sound from the unit will not disturb inhabitants of surrounding buildings.
- Where the unit will not be exposed to direct, strong winds.
- Where high-frequency electrical noise / electromagnetic waves will not affect operation.
- Include space for drainage to ensure condensate flows properly out of the unit when it is in heating mode. Avoid placing the outdoor unit in a low-lying area where water could accumulate.

Note:

When deciding on a location to place the outdoor unit, be sure to choose an area where run-off from defrost mode will not accumulate and freeze on sidewalks or driveways.

- To avoid the possibility of fire, do not install the unit in an area where combustible gas may generate, flow, stagnate, or leak.
- Don't install the unit in a location where oil, acidic solutions, sprays, or dust (sulfur, carbon, other corrosive materials) are present / often used.

Due to our policy of continuous product innovation, some specifications may change without notification.
©LG Electronics U.S.A., Inc., Englewood Cliffs, NJ. All rights reserved. "LG" is a registered trademark of LG Corp.

PLACEMENT CONSIDERATIONS

Rooftop Installations

If the outdoor unit is installed on a roof structure, be sure to level the unit. Ensure the roof structure and anchoring method are adequate for the unit location. Consult local codes regarding rooftop mounting.

Oceanside Installation Precautions

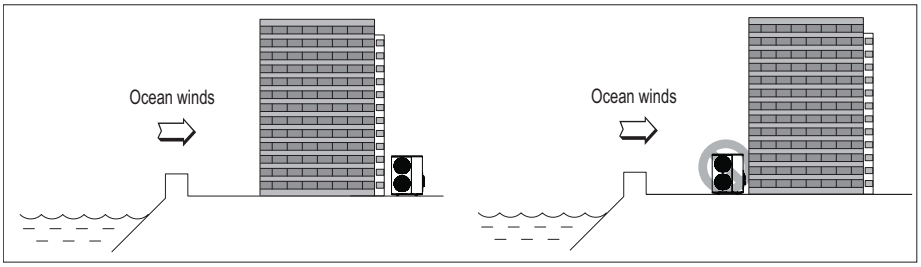
- Avoid installing the outdoor unit where it would be directly exposed to ocean winds.
- Install the outdoor unit on the side of the building opposite from direct ocean winds.
- Select a location with good drainage.
- Periodically clean dust or salt particles off of the heat exchanger with water.

Note:

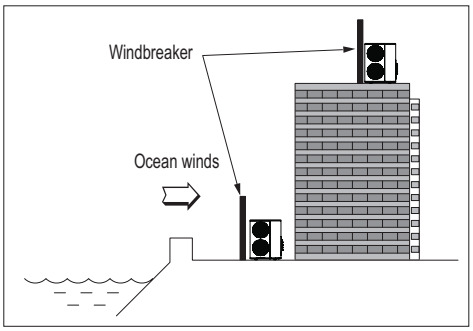
Additional anti-corrosion treatment may need to be applied to the outdoor unit at oceanside locations.

Note:

Ocean winds may cause corrosion, particularly on the condenser and evaporator fins, which, in turn could cause product malfunction or inefficient performance.



If the outdoor unit must be placed in a location where it would be subjected to direct ocean winds, install a concrete windbreaker strong enough to block any winds. Windbreaker height and width should be more than 150% of the outdoor unit, and be installed at least 27-1/2 inches away from the outdoor unit to allow for airflow.



Planning for Snow and Ice

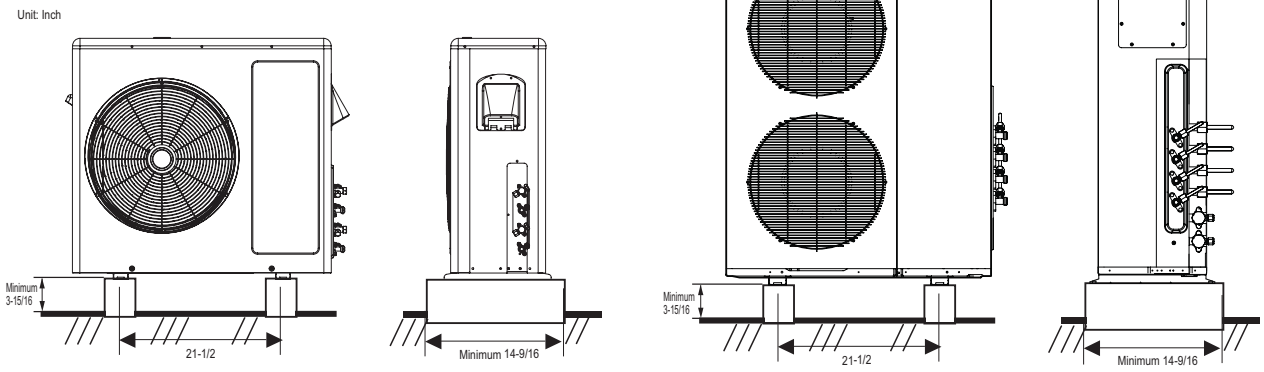
In climates that experience snow buildup, place the unit on a suitably high platform to ensure proper condenser airflow. The raised support platform must be high enough to allow the unit to remain above possible snow drifts. Mount the unit on a field-provided snow stand at a minimum height that is equal to the average annual snowfall, plus 20 inches. Design the mounting base to prevent snow accumulation on the platform in front or back of the unit case. If necessary, provide a field fabricated hood to keep snow and ice and/or drifting snow from accumulating on the coil surfaces. Use inlet and discharge duct or hoods to prevent snow or rain from accumulating on the fan inlet and outlet guards. Best practice prevents snow from accumulating on top of the unit. Consider tie-down requirements in case of high winds or where required by local codes.

Due to our policy of continuous product innovation, some specifications may change without notification.
©LG Electronics U.S.A., Inc., Englewood Cliffs, NJ. All rights reserved. "LG" is a registered trademark of LG Corp.

PLACEMENT CONSIDERATIONS

Outdoor Unit Platform Requirements

Figure 44: Outdoor Unit Foundation Requirements.

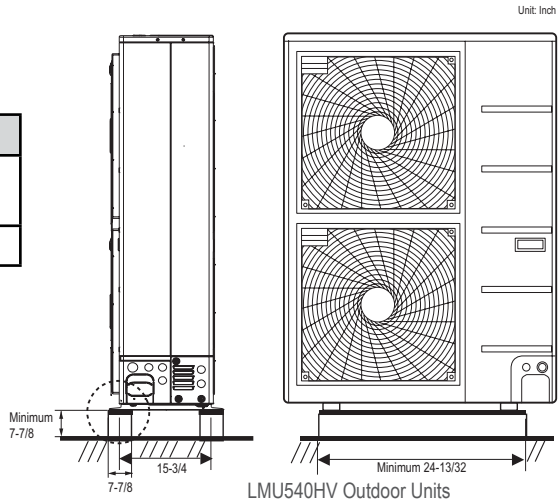


LMU187HV and LMU247HV Outdoor Units

LMU369HV Outdoor Units

Table 162: Outdoor Unit Foundation Specifications.

Outdoor Unit Type	Bolt Type	Concrete Height	Bolt Depth
LMU187HV, LMU247HV, LMU369HV	M10-J	Minimum 3-15/16 inches	Minimum 2-3/4 inches
LMU540HV	M10-J	Minimum 7-7/8 inches	Minimum 2-3/4 inches

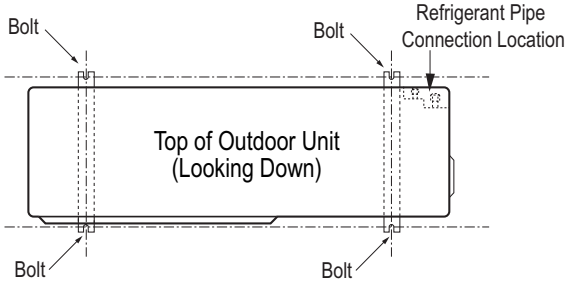


LMU540HV Outdoor Units

Bolting the Outdoor Unit to the Platform

1. Ensure that the concrete platform will not degrade easily, and has enough strength to bear the weight of the unit.
2. Include an H-beam support. Firmly attach the corners, otherwise the support will bend.
3. Use a hexagon nut.
4. Use anti-vibration material.
5. Include enough space around the concrete foundation for condensate drainage.
6. Seal all wiring and piping access holes to prevent bugs from entering the unit.

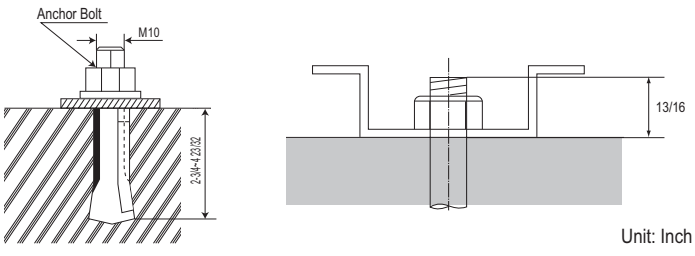
Figure 45: Bolting the Outdoor Unit to the Platform.



Concrete Platform Specifications

- Concrete foundations should be made of one part cement, two parts sand, and four parts gravel.
- The surface of the foundation should be finished with mortar with rounded edges, and weatherproofed.

Figure 46: Close up of Bolt Attachment.



Due to our policy of continuous product innovation, some specifications may change without notification.
©LG Electronics U.S.A., Inc., Englewood Cliffs, NJ. All rights reserved. "LG" is a registered trademark of LG Corp.

Tie-Downs and Lightening Protection

Tie-Downs

- The strength of the roof must be checked before installing the outdoor units.
- If the installation site is prone to high winds or earthquakes, when installing on the wall or roof, securely anchor the mounting base using a field-provided tie-down configuration approved by a local professional engineer.
- The overall tie-down configuration must be approved by a local professional engineer. Always refer to local code when using a wind restraint system.

Lightening Protection

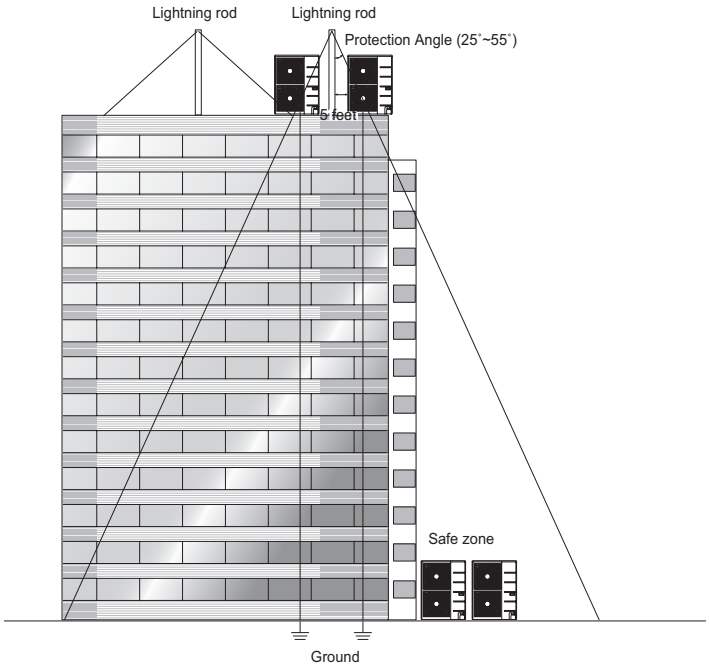
- To protect the outdoor unit from lightning, it should be placed within the specified lightning safety zone.

Table 163: Safety Zone Specifications.

Building Height (feet)	66	98	148	197
Protection Angle (˚)	55	45	35	25

- Power cable and communication cable should be installed five (5) feet away from lightning rod.
- A high-resistance ground system should be included to protect against induced lightning or indirect strike.

Figure 47: Lightening Protection Diagram.



Note:

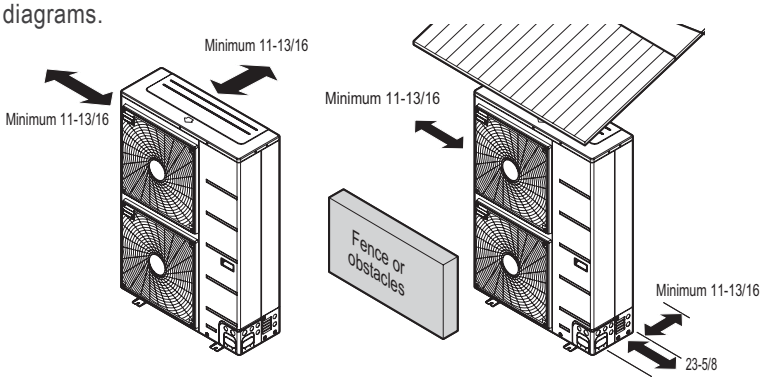
If the building does not include lightning protection, the outdoor unit may be damaged from a lightening strike. Inform the customer of this possibility in advance.

Outdoor Unit Service Access and Allowable Clearances

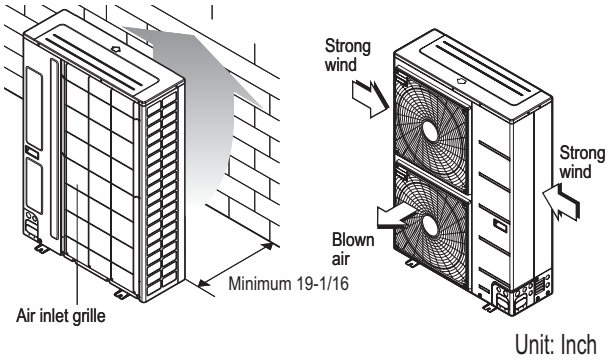
Appropriate airflow through the outdoor unit coil is critical for proper unit operation.

- Include enough space for airflow and for service access. If installing multiple outdoor units, avoid placing the units where the discharge of one unit will blow into the inlet side of an adjacent unit.
- No obstacles to air circulation around the unit; keep proper distances from ceilings, fences, floor, walls, etc. (Install a fence to prevent pests from damaging the unit or unauthorized individuals from accessing it.)
- If an awning is built over the unit to prevent direct sunlight or rain exposure, make sure that the discharge air of the outdoor unit isn't restricted.

When installing the outdoor unit, consider service, inlet, and outlet, and minimum allowable space requirements as illustrated in the following diagrams.



Ensure that the space at the back of the outdoor unit is a minimum of 11-13/16 inches, and include a minimum of 23-5/8 inches at the right side of the unit for service.



Unit: Inch

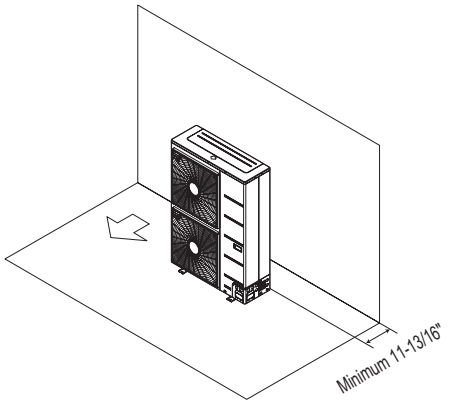
If the outdoor unit discharge side faces a wall, include a minimum of 19-11/16 inches between the outdoor unit and the wall. Install the outdoor unit so that the discharge port is set at a right angle to the wind direction.

Due to our policy of continuous product innovation, some specifications may change without notification.
©LG Electronics U.S.A., Inc., Englewood Cliffs, NJ. All rights reserved. "LG" is a registered trademark of LG Corp.

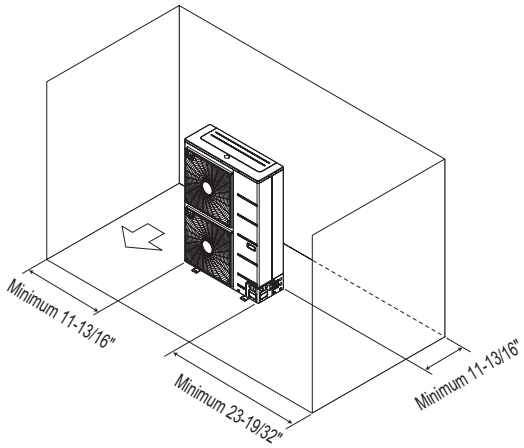
PLACEMENT CONSIDERATIONS

Clearance Requirements when Different Obstacles are Present (Unit: Inch).

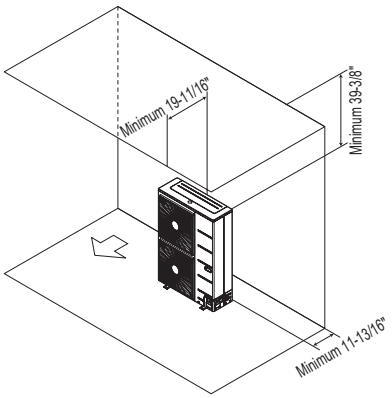
Obstacle on the suction side only.



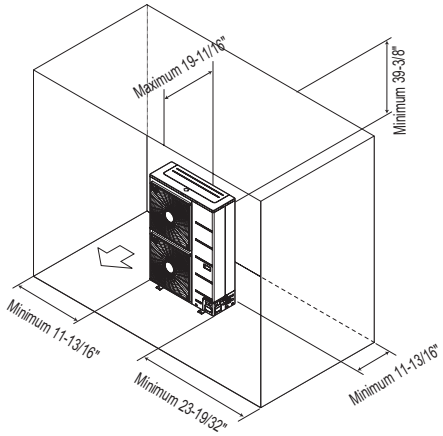
Obstacles on the suction side and on both left and right sides.



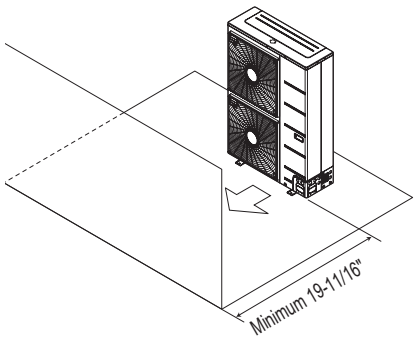
Obstacles above and on the air intake side.



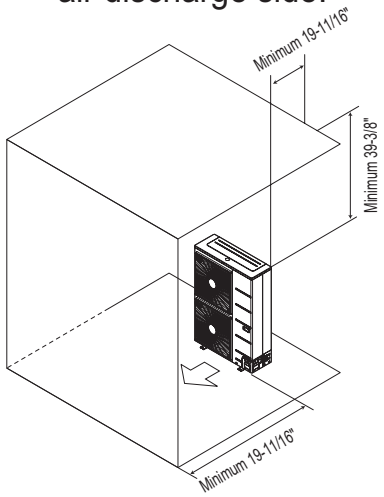
Obstacles above, on the air intake side, and on both left and right sides



Obstacle just on the air discharge side.



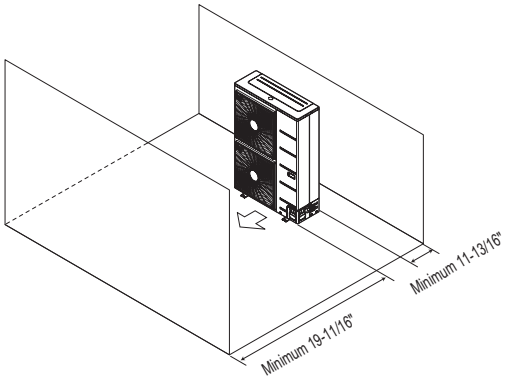
Obstacles above and on the air discharge side.



Due to our policy of continuous product innovation, some specifications may change without notification.
©LG Electronics U.S.A., Inc., Englewood Cliffs, NJ. All rights reserved. "LG" is a registered trademark of LG Corp.

Clearance Requirements when Different Obstacles are Present, continued. (Unit: Inch)

Where there are obstacles on both suction and discharge sides (discharge side obstacle is higher than the outdoor unit).



Where there are obstacles above, and on both suction and discharge sides (discharge side obstacle is higher than the outdoor unit).

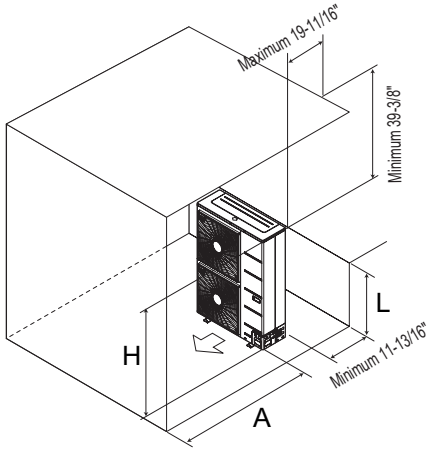
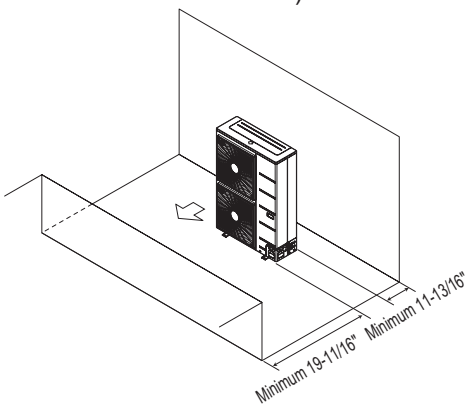


Table 164: Ratio among H, A, and L.

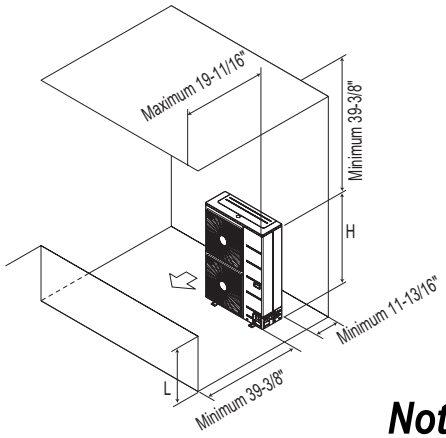
	L	A
L ≤ H	0 < L ≤ 1/2 H	29-1/32 inches
	1/2 H < L	39-3/8 inches
H < L	Set Stand as: L ≤ H	

If a stand is necessary, it should be contained (not open frame) to prevent the discharge air from short cycling.

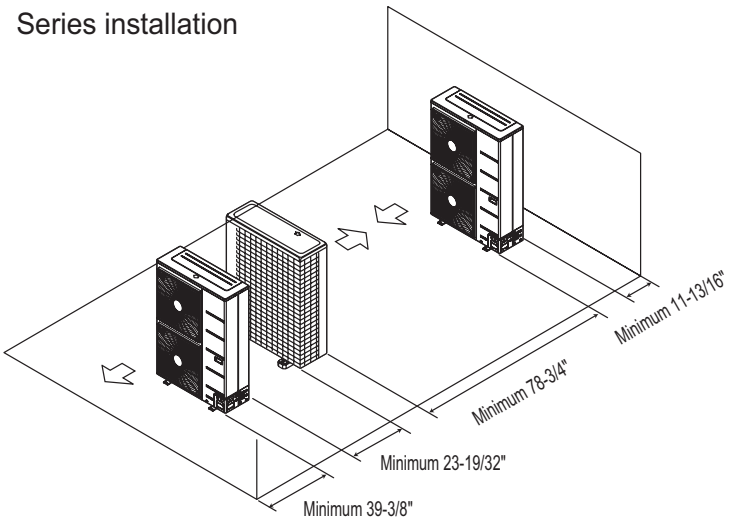
Where there are obstacles on both suction and discharge sides (discharge side obstacle is lower than the outdoor unit).



Where there are obstacles above, and on both suction and discharge sides (discharge side obstacle is lower than the outdoor unit).



Series installation



Note:

"L" should be lower than "H". If a stand is necessary, it should be contained (not open frame) to prevent the discharge air from short cycling.

Due to our policy of continuous product innovation, some specifications may change without notification.
©LG Electronics U.S.A., Inc., Englewood Cliffs, NJ. All rights reserved. "LG" is a registered trademark of LG Corp.

REFRIGERANT PIPING DESIGN & LAYOUT BEST PRACTICES

“Design Guideline Summary” on page 198
“Creating a Balanced / Quality Piping System” on page 200
“Manual Layout Procedure” on page 200
“LG Engineered Multi F MAX Y-Branch Kits” on page 201
“Refrigerant Charge” on page 202
“Selecting Field-Supplied Copper Tubing” on page 204
“Refrigerant Piping System Layout” on page 206
“Piping Insulation” on page 214
“Condensate Drain Piping” on page 215
“Cut Sheet” on page 217

REFRIGERANT PIPING DESIGN

MULTI F
MULTI F MAX

Design Guideline Summary

The following are examples of manual pipe size calculations. Designers are highly encouraged to use LATS for Multi F systems.

Device Connection Limitations

- The minimum number of connected and operating indoor units to Multi F / Multi F MAX systems is two, taking into consideration of the minimum combination ratio.
- The maximum number of indoor units for each Multi F / Multi F MAX heat pump systems is:

LMU187HV = 2 LMU247HV = 3 LMU369HV = 4 LMU540HV = 8

One of the most critical elements of multi-zone systems is the refrigerant piping. The following pages list pipe length limits that must be followed in the design of Multi F and Multi F MAX refrigerant pipe systems:

Using Refrigerant Components

Field-supplied elbows are allowed as long as they are designed for use with R410A refrigerant. The designer, however, should be cautious with the quantity and size of fittings used, and must account for the additional pressure losses in equivalent pipe length calculation for each branch. The equivalent pipe length of each elbow must be added to each pipe segment.

Table 165: Equivalent Piping Length for Elbows, Y-branches, and Branch Distribution Units.

Component	Size (Inches)				
	1/4	3/8	1/2	5/8	3/4
Elbow (ft.)	0.5	0.6	0.7	0.8	1.2
Y-Branch Kit (ft., Multi F MAX systems only)[1]	1.6				
Branch Distribution Unit (ft., Multi F MAX systems only)	8.2				

[1]Kit contains two Y-branches: one for liquid and one for vapor.

Multi F System

Example: LMU369HV outdoor unit with four (4) indoor units connected.
ODU: Outdoor Unit.
IDU: Indoor Unit.
A, B, C, D: Pipes from Outdoor Unit to Indoor Unit.

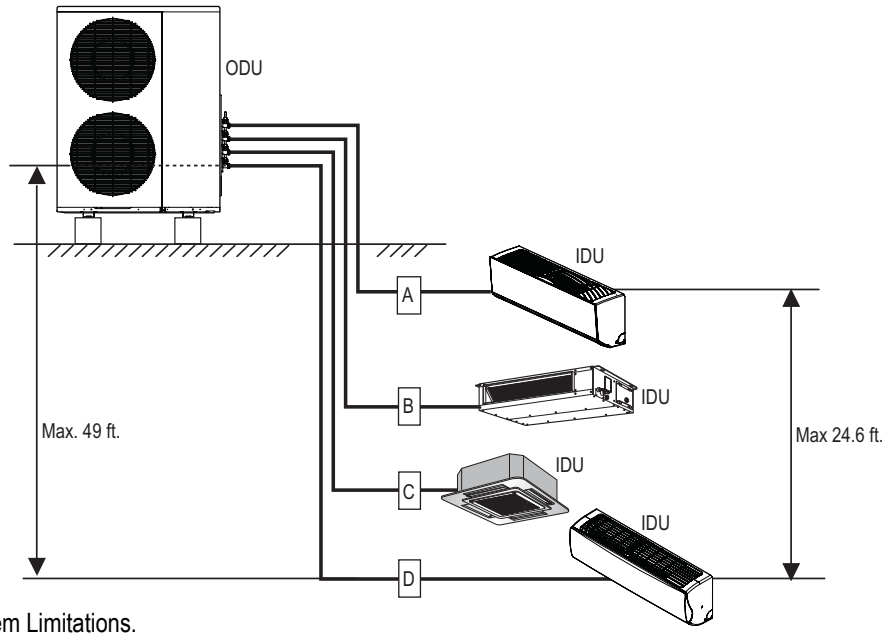


Table 166: Multi F Outdoor Unit Refrigerant Piping System Limitations.

Outdoor Unit	Minimum Length for Each Pipe (ft.)	Maximum Piping Length to Each Indoor Unit (ft.)				Maximum Total Piping Length for Each System (ft.)
		A	B	C	D	
LMU187HV	10	82	82	-	-	164
LMU247HV	10	82	82	82	-	246
LMU369HV	10	82	82	82	82	246

Due to our policy of continuous product innovation, some specifications may change without notification.
©LG Electronics U.S.A., Inc., Englewood Cliffs, NJ. All rights reserved. "LG" is a registered trademark of LG Corp.

REFRIGERANT PIPING DESIGN

Design Guideline Summary

The following are examples of manual pipe size calculations. Designers are highly encouraged to use LATS for Multi F systems.

Multi F MAX System with One Branch Distribution Unit

Example: LMU540HV outdoor unit with four (4) indoor units, and one (1) branch distribution unit connected.

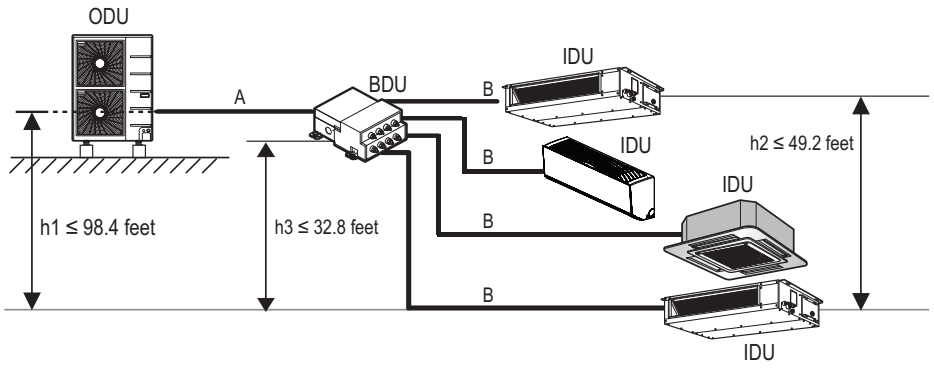
ODU: Outdoor Unit.

IDU: Indoor Unit.

BDU: Branch Distribution Unit.

A: Main Pipe.

B: Branch Pipe (Branch Distribution Unit to Indoor Unit[s]).



Multi F MAX System with Two Branch Distribution Units

Example: LMU540HV outdoor unit with seven (7) indoor units, and two (2) branch distribution units connected.

ODU: Outdoor Unit.

IDU: Indoor Unit.

BD: Branch Distribution Unit(s).

ΣA: Main Pipe.

ΣB: Branch Pipe (Branch Distribution Unit[s] to Indoor Unit[s]).

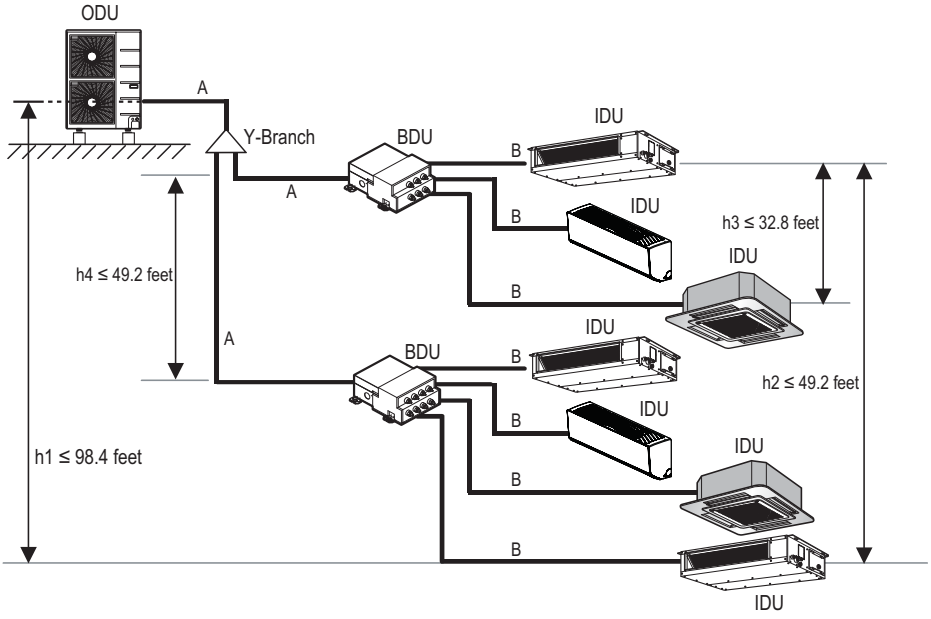


Table 167: Multi F MAX Outdoor Unit Refrigerant Piping System Limitations.

Pipe Length (ELF = Equivalent Length of pipe in Feet)	Total piping length (ΣA + ΣB)		≤475.7 feet
	Main pipe (Outdoor Unit to Branch Distribution Units: ΣA)	Minimum	10 feet
		Maximum	≤180.4 feet
	Total branch piping length (ΣB)		≤295.3 feet
	Branch pipe (Branch Distribution Units to Indoor Units: B)	Minimum	10 feet
		Maximum	≤49.2 feet
Elevation Differential (All Elevation Limitations are Measured in Actual Feet)	If outdoor unit is above or below indoor unit (h1)		≤98.4 feet
	Between the farthest two indoor units (h2)		≤42.9 feet
	Between branch distribution unit and farthest indoor unit(s) (h3)		≤32.8 feet
	Between branch distribution units (h4)		≤42.9 feet

Table 168: Multi F MAX Piping Sizes.

Piping	Main Pipe A (inch)	Branch Pipe B
Liquid	Ø3/8	Depends on the size of the indoor unit piping
Gas	Ø3/4	

Due to our policy of continuous product innovation, some specifications may change without notification.
©LG Electronics U.S.A., Inc., Englewood Cliffs, NJ. All rights reserved. "LG" is a registered trademark of LG Corp.

REFRIGERANT PIPING DESIGN

Creating a Balanced System / Manual Layout Procedure

Creating a Balanced / Quality Piping System

Unlike designing duct-work or chilled and hot water pipe systems where balancing dampers, ball valves, orifices, circuit setters, or other flow control devices can be installed to modify or balance the flow of cooling medium, these cannot be used in a Multi F system. Therefore, variable refrigerant flow systems have to be designed to be "self balanced." Balanced liquid refrigerant distribution is solely dependent on the designer using the correct pipe size for each segment. Pipe sizing considerations include pipe length, pipe segment pressure drop relative to other pipe segments in the system, type and quantity of elbows, bends present, fitting installation orientation, and end use device elevation differences.

Note:

The designer should avoid creating excessive pressure drop. When liquid refrigerant is subjected to excessive pressure drop, liquid refrigerant will change state and "flash" to vapor. Vapor present in a stream of liquid refrigerant before reaching the indoor unit coil (or branch distribution unit for Multi F MAX systems) results in a loss of system control and causes damage to the components. The pipe system must be designed in a manner that avoids the creation of unwanted vapor.

Refrigerant Piping System Verification

To ensure that the refrigerant piping design is suitable for the system, a LATS refrigerant piping design software report must be provided with every Multi F order. Following the installation, if any changes or variations to the design were necessary, an "as-built" LATS piping design software report must be provided to LG prior to system commissioning. User should always check the LATS report actual pipe layout versus pipe limits.

Note:

Any field changes, such as re-routing, shortening or lengthening a pipe segment, adding or eliminating elbows and/or fittings, re-sizing, adding, or eliminating indoor units, changing the mounting height or moving the location of a device or fitting during installation should be done with caution and ALWAYS VERIFIED in LATS MULTI SOFTWARE before supplies are purchased or installed. Doing so ensures profitable installation, eliminates rework, and ensures easier system commissioning.

Manual Layout Procedure

1. Choose the location of the indoor units on the building drawing.
2. Choose the location of all Y-branch and branch distribution units (if a Multi F MAX system) and note them on the building drawing. Verify that all fittings are positioned per the guideline limitations set forth in "Y-branch Kits" on page 201.
3. Plan the route for interconnecting piping. Draw a one-line depiction of the pipe route chosen on the building drawing.
4. Calculate the actual length of each pipe segment and note it on the building drawing.
5. Using the data obtained while selecting the system components on page 180 to 185, list the corrected cooling capacity next to each indoor unit on the drawing.
6. Starting at the indoor unit located farthest from the outdoor unit, sum the corrected cooling capacity of all indoor units served by the pipe segment for each branch and runout pipe (indoor units and branch distribution units [Multi F MAX systems only]). Record these values next to each segment.
7. Verify the size of the liquid and vapor lines.
8. If a Multi F MAX system, refer to Cut-Sheets "Y-branch Kits" on page 217 and branch distribution units on page 172 to verify the part number of each Y-branch and branch distribution unit based on the connected downstream nominal capacity served.
9. Calculate the equivalent pipe length in feet of each pipe segment. If a Multi F MAX system, Y-branch equivalent lengths should be totaled with the upstream segment only. Use equivalent pipe length data when it is provided with field-purchased fittings. If not available, use the data provided on page 165 to estimate the equivalent length of field-provided pipe and fittings for each segment. Equivalent lengths should be totaled with the upstream segment only.
10. Verify if the equivalent pipe length complies with the limitations in the "Multi F and Multi F MAX Refrigerant Piping System Limitations" tables on pages 166 and 167. If the limitations are exceeded, either reroute the pipe or change the location of the indoor unit, Y-branch fittings and branch distribution units (if Multi F MAX systems), so the design conforms with all limitations.
11. If adjusted as per Step 10 above, verify again if the length of the design complies with the limitations set in "Multi F and Multi F MAX Refrigerant Piping System Limitations" tables on pages 166 and 167.
12. Verify that the manually sized pipe design is acceptable using LATS Multi. When entering the length of pipe segments in LATS Multi software, enter the equivalent pipe length. Account for the additional pressure drop created by elbows, valves, and other fittings present in each segment by adding their respective equivalent pipe length to the actual pipe length.

Due to our policy of continuous product innovation, some specifications may change without notification.
©LG Electronics U.S.A., Inc., Englewood Cliffs, NJ. All rights reserved. "LG" is a registered trademark of LG Corp.

REFRIGERANT PIPING DESIGN

LG Engineered Multi F MAX Y-Branch Kit

Multi F MAX Y-Branch Kit PMBL5620

The LG supplied Y-Branch Kit PMBL5620 MUST be used when two branch distribution units are connected on one Multi F MAX system. Field-supplied fittings are not permitted. Each Y-Branch kit comes with two (2) Y-branches (one for the liquid line and one for the vapor line) and insulation covers.

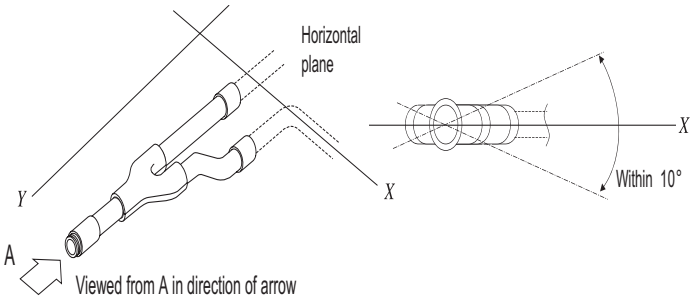
Y-branches may be installed in horizontal or vertical configurations. When installed vertically, position the Y-branch so the straight-through leg is ±3° of plumb (Figure 50). When installed horizontally, position the Y-branch so the take-off leg is level and shares the same horizontal plane as the straight-through leg ±10° rotation as shown in Figure 50.

Y-branches must be properly installed following instructions in the applicable LG manual. Y-branches should always be installed with the single port facing the outdoor unit and the two-port end facing the branch distribution units (see Figure 48). Do not install Y-branches backwards as refrigerant flow cannot make U-turns. The Y-branch kit must be located at least three (3) feet from the outdoor unit. Provide a minimum of 20 inches between a Y-branch and the branch distribution unit.

It is recommended that when a Y-branch is located in a pipe chase or other concealed space, access doors should be provided for inspection access.

The equivalent pipe length of each Y-branch (1.6') must be added to the main pipe segment entered into LATS piping design software.

Figure 50: Horizontal Configuration End View.



Y-Branch Kit Insulation

Each Y-branch kit comes with clam-shell type peel-and-stick insulation jackets molded to fit the Y-branch fittings as shown in Figure 51—one for the liquid line, one for the vapor line.

- Check the fit of the Y-branch clam-shell insulation jacket after the Y-branch is installed.
- Mark the pipe where the insulation jacket ends.
- Remove the jacket.
- Install field-provided insulation on the pipes first.
- Peel the adhesive glue protector slip and install the clam-shell jacket over the fitting

Figure 48: Y-Branch Connections.

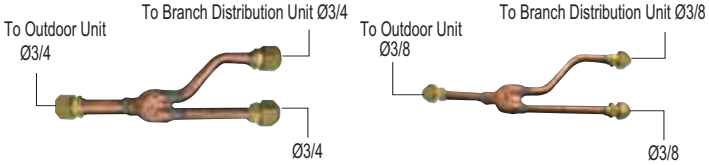
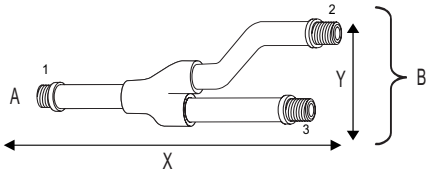


Table 169: Y-Branch Connection Diameters.

Model	Y-Branch Type	Port Identifier (inch)			Dimensions	
		1	2	3	X	Y
PMBL5620	Liquid	3/8	3/8	3/8	13.80	3.24
	Vapor	3/4	3/4	3/4	12.48	3.02

Figure 49: Y-Branch Dimensions Diagram.



A = To Outdoor Unit
B = To Branch Distribution Unit

Note:

- *Design pressure is 551 psig.*
- *All dimensions in inches. Tolerance ±1/4 inch.*
- *Images are not to scale.*

Figure 51: Y-branch Installation Alignment Specification.

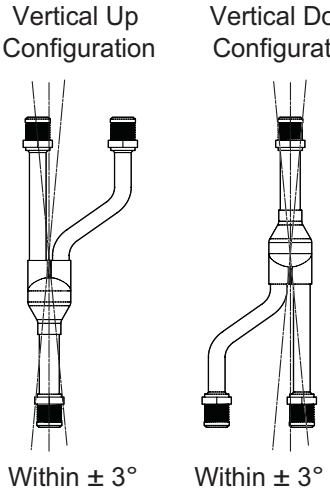
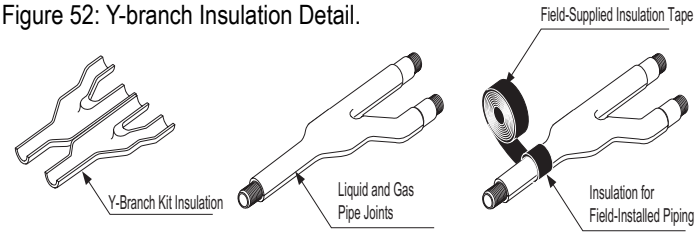


Figure 52: Y-branch Insulation Detail.



Due to our policy of continuous product innovation, some specifications may change without notification.
©LG Electronics U.S.A., Inc., Englewood Cliffs, NJ. All rights reserved. "LG" is a registered trademark of LG Corp.

REFRIGERANT PIPING DESIGN

Refrigerant Charge

LG Multi F and Multi F MAX outdoor units ship from the factory with a charge of R410A refrigerant. A trim charge may need to be added to take into account additional piping length.

To determine the additional refrigerant that is needed, apply the formulas below, and record the results. If the total additional refrigerant charge value is a negative number, then an additional trim charge does not need to be added to the system.

Table 170: Outdoor Unit Factory Charge.

Outdoor Unit	Factory Charge lbs. of R410A
LMU187HV	4.19
LMU247HV	4.63
LMU369HV	7.72
LMU540HV	9.7

Multi F Systems

Additional charge (lbs.) = (Installed Length of Branch [A] – Chargeless Pipe Length [A]) x a
+ (Installed Length of Branch [B] – Chargeless Pipe Length [A]) x a
+ (Installed Length of Branch [C] – Chargeless Pipe Length [A]) x a
+ (Installed Length of Branch [D] – Chargeless Pipe Length [A]) x a
- CF (Correction Factor) x 5.29

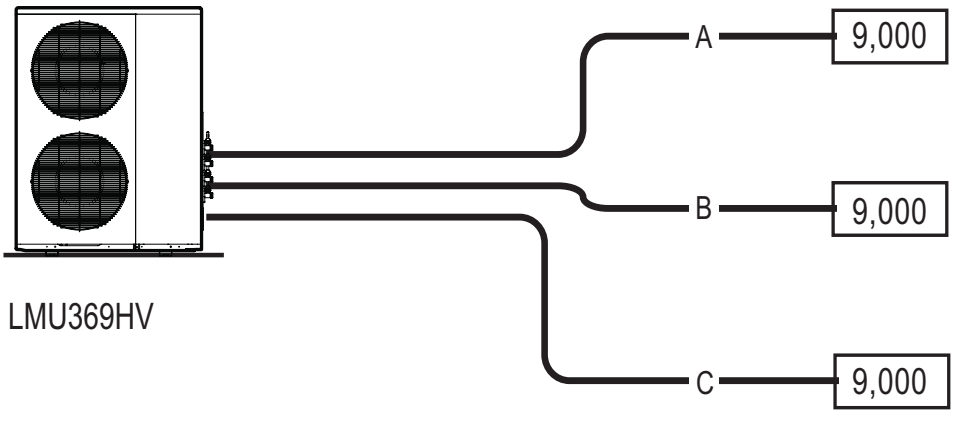
Note:

- *Number of installed length of branches depends on the specifications of the outdoor unit model.*
- *CF = Maximum number of connectable indoor units – Total number of connected indoor units*

Table 171: Multi F Outdoor Unit Piping Specifications.

Outdoor Unit Model	Max. Piping Length for One Branch (ft.)	Max. Total System Piping Length (ft.)	Chargeless Pipe Length per Branch (A) (ft.)	Additional Charge Needed (a) (oz./ft.)
LMU187HV	82	164	24.6	0.22
LMU247HV	82	246	24.6	0.22
LMU369HV	82	246	24.6	0.22

Figure 53: Multi F Additional Refrigerant Charge Example.



Each branch pipe
A = 82 ft.
B = 16 ft.
C = 49 ft.

Additional Charge
= (82 - 25) x 0.22
+ (16 - 25) x 0.22
+ (49 - 25) x 0.22
– (4 - 3) x 5.29
= 10.55 oz.

Due to our policy of continuous product innovation, some specifications may change without notification.
©LG Electronics U.S.A., Inc., Englewood Cliffs, NJ. All rights reserved. "LG" is a registered trademark of LG Corp.

REFRIGERANT PIPING DESIGN

Refrigerant Charge

Multi F MAX Systems

Additional charge (lbs.) = (Total Main Piping Length [A] - Chargeless Pipe Length of Main Pipe [A]) x a
+ (Installed Length of Branch [B1] – Chargeless Pipe Length [B]) x b
+ (Installed Length of Branch [B2] – Chargeless Pipe Length [B]) x b
+ (Installed Length of Branch [B3] – Chargeless Pipe Length [B]) x b ...
- CF (Correction Factor) x 3.53

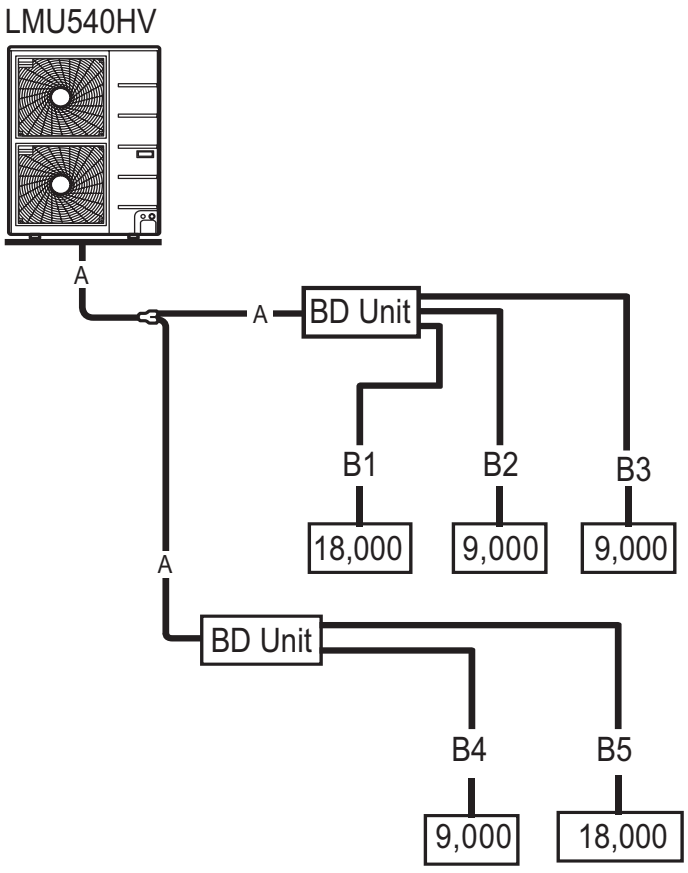
Note:

- *Number of installed length of branches depends on system specifications.*
- *CF = Maximum number of connectable indoor units – Total number of connected indoor units*

Table 172: Multi F MAX Outdoor Unit Piping Specifications.

Outdoor Unit Model	Main Piping Length		Branch Piping Length	
	Chargeless Pipe Length of Main Pipe (A) (ft.)	Additional Charge Needed (a) (oz./ft.)	Chargeless Pipe Length per Branch Pipe (B) (ft.)	Additional Charge Needed (b) (oz./ft.)
LMU540HV	16.4	0.54	16.4	0.22

Figure 54: Multi F MAX Additional Refrigerant Charge Example.



- Total main pipe (A) = 60 ft.
- Each branch pipe
  B1 = 49 ft.
  B2 = 17 ft.
  B3 = 17 ft.
  B4 = 10 ft.
  B5 = 23 ft.

Additional Charge
= (60 - 16.4) x 0.54
+ (49 - 16.4) x 0.22
+ (17 - 16.4) x 0.22
+ (17 - 16.4) x 0.22
+ (10 - 16.4) x 0.22
+ (23 - 16.4) x 0.22
– (8 - 5) x 3.53
= 20.43 oz.

Due to our policy of continuous product innovation, some specifications may change without notification.
©LG Electronics U.S.A., Inc., Englewood Cliffs, NJ. All rights reserved. "LG" is a registered trademark of LG Corp.

REFRIGERANT PIPING DESIGN

Selecting Field-Supplied Copper Tubing

Copper is the only approved refrigerant pipe material for use with LG Multi F air conditioning products, and LG recommends hard-drawn rigid type "K" or "L", or annealed-tempered, copper pipe.

- Drawn temper (rigid) ACR copper tubing is available in sizes 3/8 through 2-1/8 inches (ASTM B 280, clean, dry, and capped).
- Annealed temper (soft) ACR copper tubing is available in sizes 1/4 through 2-1/8 inches (ASTM B 280, clean, dry, and capped).

Tube wall thickness should meet local code requirements and be approved for an operating pressure of 551 psi. If local code does not specify wall thickness, LG suggests using tube thickness per the table below. When bending tubing, use the largest radii possible to reduce the equivalent length of installed pipe; also, bending radii greater than ten (10) pipe diameters can minimize pressure drop. Be sure no traps or sags are present when rolling out soft copper tubing coils.

Table 173: ACR Copper Tubing Material.

Type	Seamless Phosphorous Deoxidized
Class	UNS C12200 DHP
Straight Lengths	H58 Temper
Coils	O60 Temper

Table 174: Piping Tube Thicknesses.

OD (in)	1/4	3/8	1/2	5/8	3/4
Material	Rigid Type "K" or "L" - Soft ACR Acceptable			Rigid Type "K" or "L" Only	
Min. Bend Radius (in)	.563	.9375	1.5	2.25	3.0
Min. Wall Thickness (in)	.031	.031	.031	.039	.039

Copper Expansion and Contraction

Under normal operating conditions, the vapor pipe temperature of a Multi F system can vary as much as 280°F. With this large variance in pipe temperature, the designer must consider pipe expansion and contraction to avoid pipe and fitting fatigue failures.

Refrigerant pipe, along with the insulation jacket, form a cohesive unit that expands and contracts together. During system operation, thermal heat transfer occurs between the pipe and the surrounding insulation.

If the pipe is mounted in free air space, no natural restriction to movement is present if mounting clamps are properly spaced and installed. When the refrigerant pipe is mounted underground in a utility duct stacked among other pipes, natural restriction to linear movement is present. In extreme cases, the restrictive force of surface friction between insulating jackets could become so great that natural expansion ceases and the pipe is "fixed" in place. In this situation, opposing force caused by change in refrigerant fluid/vapor temperature can lead to pipe/fitting stress failure.

The refrigerant pipe support system must be engineered to allow free expansion to occur. When a segment of pipe is mounted between two fixed points, provisions must be provided to allow pipe expansion to naturally occur. The most common method is the inclusion of expansion Loop or U-bends. See Figure 55 on page 205. Each segment of pipe has a natural fixed point where no movement occurs. This fixed point is located at the center point of the segment assuming the entire pipe is insulated in a similar fashion. The natural fixed point of the pipe segment is typically where the expansion Loop or U-bend should be. Linear pipe expansion can be calculated using the following formula:

$$LE = C \times L \times (T_r - T_a) \times 12$$

LE	=	Anticipated linear tubing expansion (in.)
C	=	Constant (For copper = 9.2 x 10^{-6} in./in.°F)
L	=	Length of pipe (ft.)
T_R	=	Refrigerant pipe temperature (°F)
T_a	=	Ambient air temperature (°F)
12	=	Inches to feet conversion (12 in./ft.)

1. From Table 175, find the row corresponding with the actual length of the straight pipe segment.
2. Estimate the minimum and maximum temperature of the pipe. In the column showing the minimum pipe temperature, look up the anticipated expansion distance. Do the same for the maximum pipe temperature.
3. Calculate the difference in the two expansion distance values. The result will be the anticipated change in pipe length.

Example:

A Multi F MAX system is installed and the design shows that there is a 100 foot straight segment of tubing between a Y-branch and a branch distribution unit. In heating, this pipe transports hot gas vapor to the indoor units at 120°F. In cooling, the same tube is a suction line returning refrigerant vapor to the outdoor unit at 40°F. Look up the copper tubing expansion at each temperature and calculate the difference.

Vapor Line

Transporting Hot Vapor: 100 ft. pipe at 120°F = 1.40 in.
Transporting Suction Vapor: 100 ft. pipe at 40°F = 0.40 in.
Anticipated Change in Length: 1.40 in. – 0.40 in. = 1.00 in.

Liquid Line

The liquid temperature remains the same temperature; only the direction of flow will reverse. Therefore, no significant change in length of the liquid line is anticipated.

When creating an expansion joint, the joint height should be a minimum of two times the joint width. Although different types of expansion arrangements are available, the data for correctly sizing an Expansion Loop is provided in Table 176. Use soft copper with long radius bends on longer runs or long radius elbows for shorter pipe segments. Using the anticipated linear expansion (LE) distance calculated, look up the Expansion Loop or U-bend minimum design dimensions. If other types of expansion joints are chosen, design per ASTM B-88 Standards.

Due to our policy of continuous product innovation, some specifications may change without notification.
©LG Electronics U.S.A., Inc., Englewood Cliffs, NJ. All rights reserved. "LG" is a registered trademark of LG Corp.

INSTALLATION & LAYOUT BEST PRACTICES

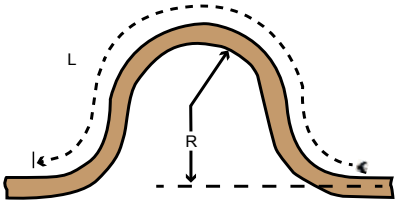
Selecting Field-Supplied Copper Tubing

Table 175: Linear Thermal Expansion of Copper Tubing in Inches.

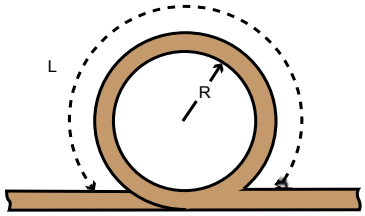
Pipe Length[1]	Fluid Temperature °F																			
	35°	40°	45°	50°	55°	60°	65°	70°	75°	80°	85°	90°	95°	100°	105°	110°	115°	120°	125°	130°
10	0.04	0.04	0.05	0.06	0.06	0.07	0.08	0.08	0.09	0.09	0.10	0.10	0.11	0.11	0.11	0.12	0.13	0.14	0.15	0.15
20	0.08	0.08	0.10	0.12	0.13	0.14	0.15	0.16	0.17	0.18	0.19	0.20	0.21	0.22	0.22	0.23	0.26	0.28	0.29	0.30
30	0.12	0.12	0.15	0.18	0.20	0.21	0.23	0.24	0.26	0.27	0.29	0.30	0.32	0.33	0.32	0.35	0.39	0.42	0.44	0.45
40	0.16	0.16	0.20	0.24	0.26	0.28	0.30	0.32	0.34	0.36	0.38	0.40	0.42	0.44	0.43	0.46	0.52	0.56	0.58	0.60
50	0.20	0.20	0.25	0.30	0.33	0.35	0.38	0.40	0.43	0.45	0.48	0.50	0.53	0.55	0.54	0.58	0.65	0.70	0.73	0.75
60	0.24	0.24	0.30	0.36	0.39	0.42	0.45	0.48	0.51	0.54	0.57	0.60	0.63	0.66	0.65	0.69	0.78	0.84	0.87	0.90
70	0.28	0.28	0.35	0.42	0.46	0.49	0.53	0.56	0.60	0.63	0.67	0.70	0.74	0.77	0.76	0.81	0.91	0.98	1.02	1.05
80	0.32	0.32	0.40	0.48	0.52	0.56	0.60	0.64	0.68	0.72	0.76	0.80	0.84	0.88	0.86	0.92	1.04	1.12	1.16	1.20
90	0.36	0.36	0.45	0.54	0.59	0.63	0.68	0.72	0.77	0.81	0.86	0.90	0.95	0.99	0.97	1.04	1.17	1.26	1.31	1.35
100	0.40	0.40	0.50	0.60	0.65	0.70	0.75	0.80	0.85	0.90	0.95	1.00	1.05	1.10	1.08	1.15	1.30	1.40	1.45	1.50
120	0.48	0.48	0.60	0.72	0.78	0.84	0.90	0.96	1.02	1.08	1.14	1.20	1.26	1.32	1.30	1.38	1.56	1.68	1.74	1.80
140	0.56	0.56	0.70	0.84	0.91	0.98	1.05	1.12	1.19	1.26	1.33	1.40	1.47	1.54	1.51	1.61	1.82	1.96	2.03	2.10
160	0.64	0.64	0.80	0.96	1.04	1.12	1.20	1.28	1.36	1.44	1.52	1.60	1.68	1.76	1.73	1.84	2.08	2.24	2.32	2.40
180	0.72	0.72	0.90	1.08	1.17	1.26	1.35	1.44	1.53	1.62	1.71	1.80	1.89	1.98	1.94	2.07	2.34	2.52	2.61	2.70

[1]Pipe length baseline temperature = 0°F. "Expansion of Carbon, Copper and Stainless Steel Pipe," *The Engineers' Toolbox*, www.engineeringtoolbox.com.

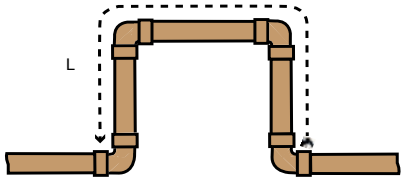
Figure 55: Coiled Expansion Loops and Offsets.



Large Tubing U-bend (>3/4 in.)



Loop



Small Tubing U-bend (<3/4 in.)

Table 176: Radii of Coiled Expansion Loops and Developed Lengths of Expansion Offsets.

Anticipated Linear Expansion (LE) (inches)		Nominal Tube Size (OD) inches			
		1/4	3/8	1/2	3/4
1/2	R[1]	6	7	8	9
	L[2]	38	44	50	59
1	R[1]	9	10	11	13
	L[2]	54	63	70	83
1-1/2	R[1]	11	12	14	16
	L[2]	66	77	86	101
2	R[1]	12	14	16	19
	L[2]	77	89	99	117
2-1/2	R[1]	14	16	18	21
	L[2]	86	99	111	131
3	R[1]	15	17	19	23
	L[2]	94	109	122	143
3-1/2	R[1]	16	19	21	25
	L[2]	102	117	131	155
4	R[1]	17	20	22	26
	L[2]	109	126	140	166

[1]R = Centerline Length of Pipe.

[2]L = Centerline Minimum Radius (inches).

Due to our policy of continuous product innovation, some specifications may change without notification.
©LG Electronics U.S.A., Inc., Englewood Cliffs, NJ. All rights reserved. "LG" is a registered trademark of LG Corp.

INSTALLATION & LAYOUT BEST PRACTICES

MULTI F
MULTI F MAX

Refrigerant Piping System Layout

Field-Provided Isolation Ball Valves

LG recommends installing field-supplied ball valves with Schrader ports at each indoor unit. Full-port isolation ball valves with Schrader ports (positioned between valve and indoor unit) rated for use with R410A refrigerant should be used on both the liquid and vapor lines.

If valves are not installed and a single indoor unit needs to be removed or repaired, the entire system must be shut down and evacuated. If isolation ball valves are installed, and an indoor unit needs to be repaired, the unaffected indoor units can remain operational with readdressing and the proper combination ratio. Reclamation of refrigerant, then, can be restricted to a single indoor unit.

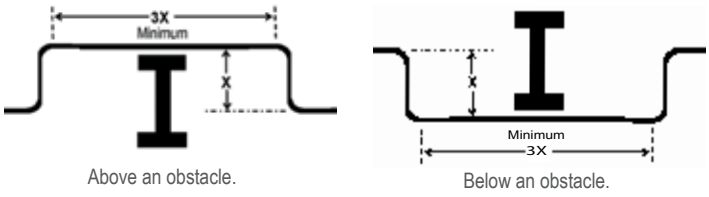
For Multi F MAX systems, position valves with a minimum distance of three (3) to six (6) inches of pipe on either side of the valve, and placed between six (6) and twelve (12) inches from the first upstream Y-branch or branch distribution unit. If ball valves are installed away from the first Y-branch and / or branch distribution unit and closer to the indoor unit, oil may accumulate where it cannot be returned to the outdoor unit and may cause a shortage of oil in the compressor.

Valves shall be easily accessible for service. If necessary, install drywall access doors or removable ceiling panels, and position the valves to face the access door or ceiling panel opening. Mount valves with adequate space between them to allow for placement of adequate pipe insulation around the valves. Recommended best practice is to clearly label and document locations of all service valves, Y-branches, and branch distribution units. The equivalent pipe length of each ball valve must be added to each pipe segment entered into the LATS program.

Obstacles

When an obstacle, such as an I-beam or concrete T, is in the path of the planned refrigerant pipe run, it is best practice to route the pipe over the obstacle. If adequate space is not available to route the insulated pipe over the obstacle, then route the pipe under the obstacle. In either case, it is imperative the horizontal section of pipe above or below the obstacle be a minimum of three (3) times greater than the longest vertical rise (or fall) distance.

Figure 56: Installing Piping Above and Below an Obstacle.



Above an obstacle. Below an obstacle.

Pipe Slope

The horizontal pipe slope cannot exceed 10° up or down.

In-line Refrigeration Components

Components such as oil traps, solenoid valves, filter-dryers, sight glasses, tee fittings, and other after-market accessories are not permitted on the refrigerant piping system between the outdoor units and the indoor / branch distribution units. Multi F and Multi F MAX systems are provided with redundant systems that assure oil is properly returned to the compressor. Sight-glasses and solenoid valves may cause vapor to form in the liquid stream. Over time, dryers may deteriorate and introduce debris into the system. The designer and installer should verify the refrigerant piping system is free of traps, sagging pipes, sight glasses, filter dryers, etc.

No Pipe Size Substitutions

Use only the pipe size selected by the LATS Multi pipe system design software or as conveyed in the product installation instructions. Using a different size is prohibited and may result in a system malfunction or failure to work at all.

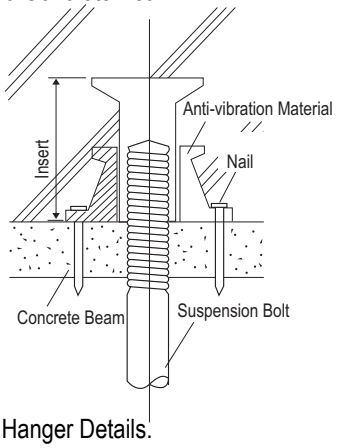
Due to our policy of continuous product innovation, some specifications may change without notification.
©LG Electronics U.S.A., Inc., Englewood Cliffs, NJ. All rights reserved. "LG" is a registered trademark of LG Corp.

Inserts and Pipe Supports

Inserts

An insert can be installed into a floor or beam before the concrete sets so that fittings such as ducts, pipes, or suspension bolts can be added at a later time. Decide where the inserts should be placed before support installation.

Figure 57: Installing an Insert Into a Concrete Beam.



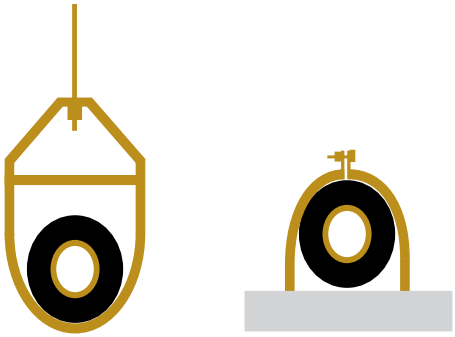
Pipe Supports

Note:

A properly installed pipe system should be adequately supported to avoid pipe sagging. Sagging pipes become oil traps that lead to equipment malfunction.

Pipe supports should never touch the pipe wall; supports shall be installed outside (around) the primary pipe insulation jacket (see Figure 57). Insulate the pipe first because pipe supports shall be installed outside (around) the primary pipe insulation jacket. Clevis hangers should be used with shields between the hangers and insulation.

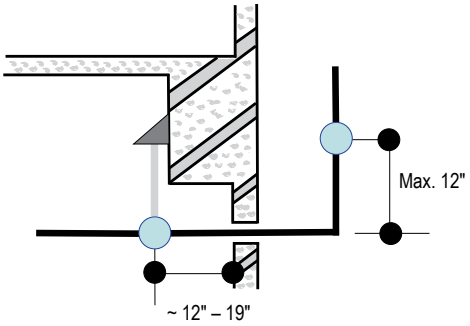
Figure 58: Pipe Hanger Details.



Field provided pipe supports should be designed to meet local codes. If allowed by code, use fiber straps or split-ring hangers suspended from the ceiling on all-thread rods (fiber straps or split ring hangers can be used as long as they do not compress the pipe insulation). Place a second layer of insulation over the pipe insulation jacket to prevent chafing and compression of the primary insulation within the confines of the support pipe clamp.

A properly installed pipe system will have sufficient supports to avoid pipes from sagging during the life of the system. As necessary, place supports closer for segments where potential sagging could occur. Maximum spacing of pipe supports shall meet local codes. If local codes do not specify pipe support spacing, pipe shall be supported a maximum of 5 feet on center for straight segments of pipe up to 3/4" outside diameter size.

Figure 59: Typical Pipe Support Location—Change in Pipe Direction.



Wherever the pipe changes direction, place a hanger within twelve (12) inches on one side and within twelve to nineteen (12 to 19) inches of the bend on the other side as shown in Figure 59. Support piping at indoor units as shown in Figure 60. Support Y-Branch fittings as shown in Figure 61.

Figure 60: Pipe Support at Indoor Unit.

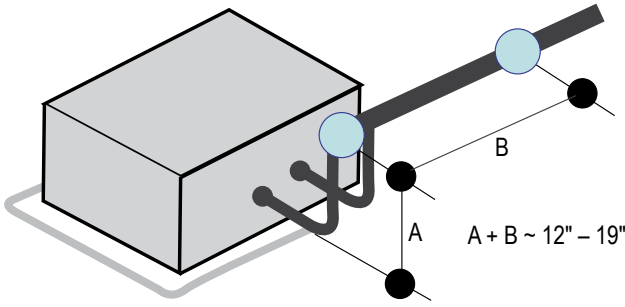
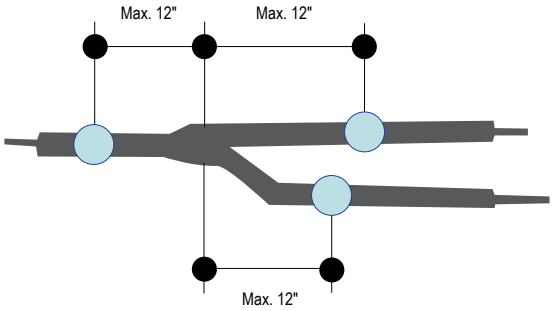


Figure 61: Pipe Support at Y-branch Fitting.



Due to our policy of continuous product innovation, some specifications may change without notification.
©LG Electronics U.S.A., Inc., Englewood Cliffs, NJ. All rights reserved. "LG" is a registered trademark of LG Corp.

Examples of Supports

Figure 62: U-Bolt Support with Insulation.

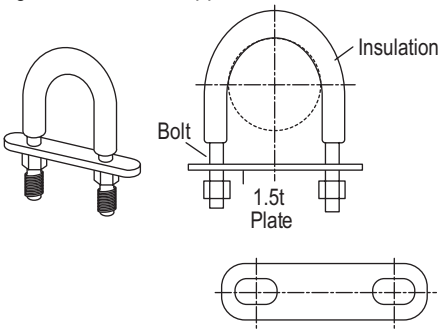


Figure 63: O-Ring Support with Insulation.

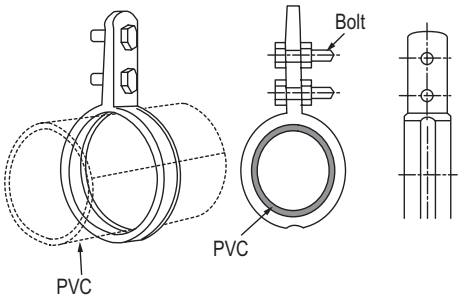
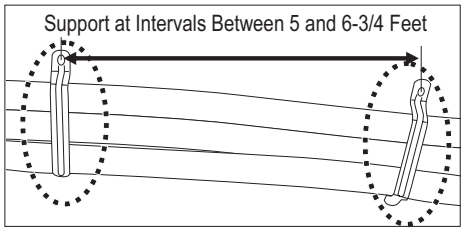


Figure 64: Saddle-Type Support.



Note:

Do not compress the insulation with the saddle-type support. If the insulation is compressed, it may tear open and allow condensation to generate during product operation.

Figure 65: U-Bolt Support with an Insulated Pipe.

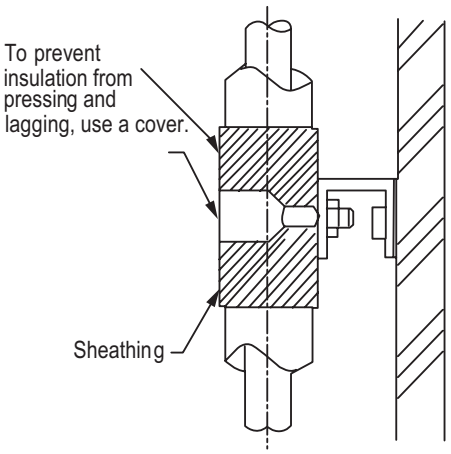


Figure 66: O-Ring Band Support with an Insulated Pipe.

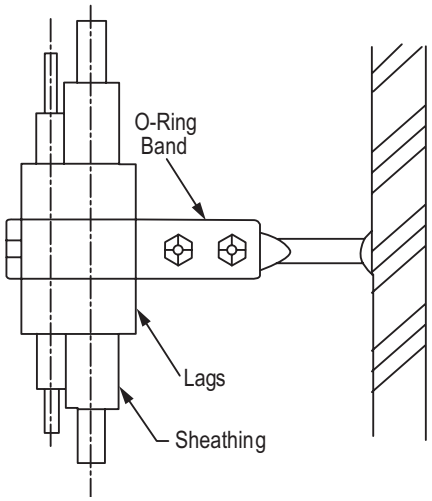


Figure 67: One-Point Down-Stop Support (>441 lbs.).

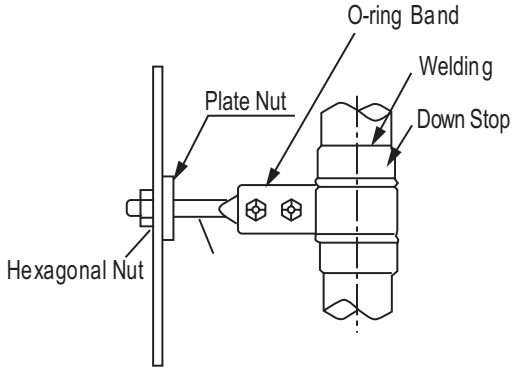
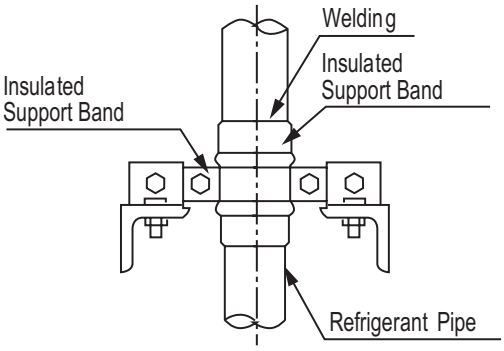


Figure 68: Two-Point Down-Stop Support.



Due to our policy of continuous product innovation, some specifications may change without notification.
©LG Electronics U.S.A., Inc., Englewood Cliffs, NJ. All rights reserved. "LG" is a registered trademark of LG Corp.

INSTALLATION & LAYOUT BEST PRACTICES

Refrigerant Piping System Layout

Pipe Sleeves at Penetrations

LG requires that all pipe penetrations through walls, floors, and pipes buried underground be routed through a properly insulated sleeve that is sufficiently sized to provide free movement of the pipe and does not compress the insulation. Underground refrigerant pipe shall be routed inside a protective sleeve to prevent insulation deterioration. Also follow federal, state, and local regulations and codes when choosing a sleeve type.

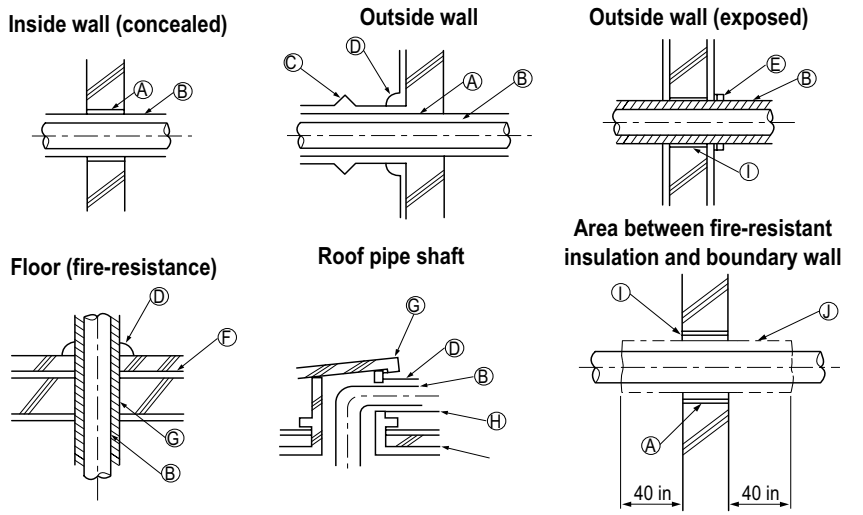
Note:

Diameter of penetrations shall be determined by pipe diameter plus the thickness of the insulation.

For example:

Diameter of Gas Piping:	1/2"
Diameter of Liquid Piping:	1/4"
Thickness of Gas Piping Insulation:	0.4" x 2
Thickness of Liquid Piping Insulation:	0.4" x 2
Surplus:	0.8"
Sleeve diameter (total):	3.1" minimum

Figure 69: Pipe Sleeve Options.



Ⓐ Sleeve
Ⓑ Insulation
Ⓒ Lagging
Ⓓ Caulk
Ⓔ Band
Ⓕ Water-resistant layer
Ⓖ Sleeve with edge
Ⓗ Lagging
Ⓘ Mortar or other fire-resistant caulk
Ⓙ Fire-resistant insulation

When filling an access hole with mortar, cover the area with steel plate so that the insulation will not fall through. For this area, use fire-resistant materials for both the insulation and cover. (Vinyl cover should not be used.)

Underground Refrigerant Piping

Refrigerant pipe installed underground should be routed inside a vapor tight protective sleeve to prevent insulation deterioration and water infiltration. Refrigerant pipe installed inside underground casing must be continuous without any joints. Underground refrigerant pipe must be located at a level below the frost line.

Table 177: Utility Conduit Sizes.

Liquid Pipe[1]	Vapor Pipe[1]		
	1/2 (2.0[2,5])	5/8 (2-1/8[2,5])	3/4 (2-1/4[2,5])
1/4 (1.0)[3]	4	4	4
3/8 (1-1/8)[3]	4	4	5
1/2 (1-1/2)[4]	5	5	5
5/8 (1-5/8)[4]	5	5	5
3/4 (1-3/4)[4]	5	5	5

[1]OD pipe diameter in inches; Values in parenthesis () indicate OD of pipe with insulation jacket.

[2]Diameter of pipe with insulation. Thickness of pipe insulation is typical. Actual required thickness may vary based on surrounding ambient conditions and should be calculated and specified by the design engineer.

[3]Insulation thickness (value in parenthesis) = 3/8 inch.

[4]Insulation thickness (value in parenthesis) = 1 inch.

[5]Insulation thickness (value in parenthesis) = 3/4 inch.

Figure 70: Typical Arrangement of Refrigerant Pipe and Cable(s) in a Utility Conduit.

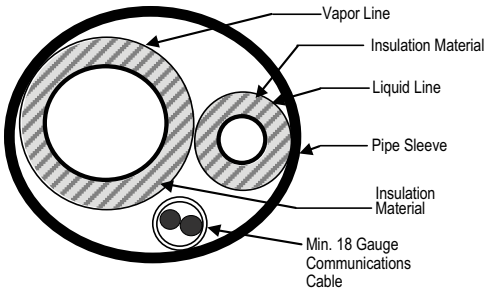


Figure 71: Underground Refrigerant Piping.



Due to our policy of continuous product innovation, some specifications may change without notification.
©LG Electronics U.S.A., Inc., Englewood Cliffs, NJ. All rights reserved. "LG" is a registered trademark of LG Corp.

Multi F Outdoor Unit to Indoor Unit Piping Connections

Note:

Avoid Pipe Damage

- *When routing field-provided piping, avoid damaging the outdoor unit from excessive vibration.*
- *Correctly route the piping so it does not make contact with mounting bolts. Allow room for field installation.*
- *Properly insulate the liquid and gas lines separately up to the point of connection at the unit frame.*
- *See Table 179 for Multi F outdoor unit connection types.*

Table 178: Outdoor Unit Piping Connections.

Outdoor Unit Piping Connections	LMU187HV	LMU247HV	LMU369HV
Liquid Line Connection (in., OD) x Qty.	1/4 x 2	1/4 x 3	1/4 x 4
Vapor Line Connection (in., OD) x Qty.	3/8 x 2	3/8 x 3	3/8 x 4

Figure 72: Multi F Refrigerant Pipe Connections (LMU369HV shown as example).

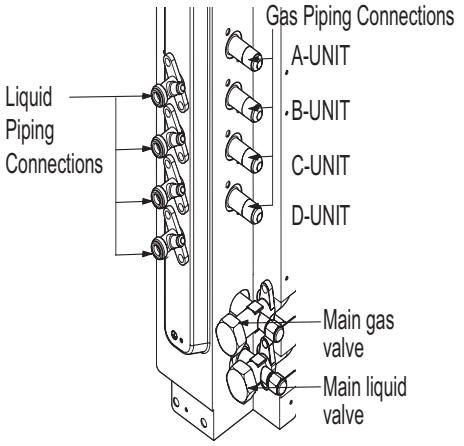


Table 179: Indoor Unit Piping Connections.

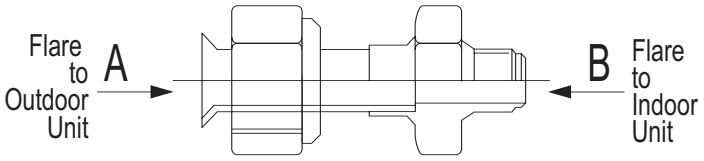
Indoor Unit Capacity	Vapor Line Connection (in., OD)	Liquid Line Connection (in., OD)
9,000 Btu/h	Ø3/8	Ø1/4
12,000 Btu/h		
18,000 Btu/h	Ø1/2	
24,000 Btu/h		

Connection sockets (included as a factory-supplied accessory with the indoor units) may need to be used when piping the indoor units to the outdoor unit.

Table 180: Connection Socket Dimensions.

Indoor Unit Capacity	Vapor (in., OD)		Liquid (in., OD)	
	A	B	A	B
18,000 Btu/h	Ø3/8 → Ø1/2		N/A	
24,000 Btu/h				

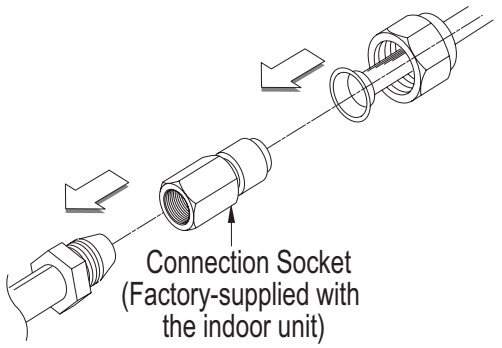
Figure 73: Connection Socket Diagram.



Using the Connection Socket

1. Align the center of the piping sections and tighten the flare nut by hand.
2. Tighten the flare nut with a torque wrench, using the arrows on the wrench as a guide, until a click is heard.

Figure 74: Performing Connections.



Due to our policy of continuous product innovation, some specifications may change without notification.
©LG Electronics U.S.A., Inc., Englewood Cliffs, NJ. All rights reserved. "LG" is a registered trademark of LG Corp.

Multi F MAX Outdoor Unit System Piping Connections

Note:

Avoid Pipe Damage

- *When routing field-provided piping, avoid damaging the outdoor unit from excessive vibration.*
- *Correctly route the piping so it does not make contact with mounting bolts. Allow room for field installation.*
- *Properly insulate the liquid and gas lines separately up to the point of connection at the unit frame.*
- *See Table 181 for Multi F MAX outdoor unit connection types.*

Table 181: Outdoor Unit Piping Connections.

Outdoor Unit Piping Connections	LMU540HV
Liquid Line Connection (in., OD) x Qty.	3/8 x 1
Vapor Line Connection (in., OD) x Qty.	3/4 x 1

Branch Distribution to Indoor Unit Piping Connections

- Install indoor unit liquid and vapor refrigerant pipes (and connection wiring) to the appropriate branch distribution ports.
- Clearly note on the indoor unit's refrigerant piping (liquid, vapor) which branch distribution port it is connected to (A, B, C, D).

Table 182: Branch Distribution Unit Piping Connections.

Branch Distribution Unit	PMBD3620	PMBD3630	PMBD3640	PMBD3641
Piping Connections to Outdoor Unit				
Liquid (in., OD) x Qty.	Ø3/8 x 1			
Vapor (in., OD) x Qty.	Ø3/4 x 1			
Piping Connections to Indoor Units				
Liquid (in., OD) x Qty.	Ø1/4 x 2	Ø1/4 x 3	Ø1/4 x 4	Ø1/4 x 3, Ø3/8 x 1
Vapor (in., OD) x Qty.	Ø3/8 x 2	Ø3/8 x 3	Ø3/8 x 4	Ø3/8 x 3, Ø5/8 x 1

Figure 75: Branch Distribution Ports to Indoor Units.

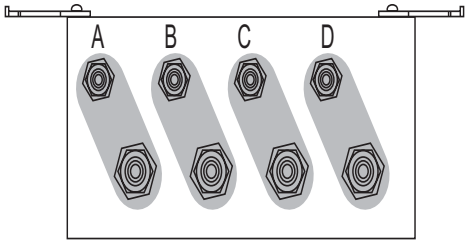


Table 183: Indoor Unit Piping Connections.

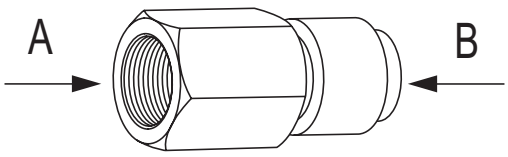
Indoor Unit Capacity	Vapor Line Connection (in., OD)	Liquid Line Connection (in., OD)
9,000 Btu/h	Ø3/8	Ø1/4
12,000 Btu/h		
18,000 Btu/h	Ø1/2	
24,000 Btu/h		
36,000 Btu/h	Ø5/8	Ø3/8

Connection sockets (included as a factory-supplied accessory with the indoor units) may need to be used when piping the indoor units to the branch distribution unit.

Table 184: Connection Socket Dimensions.

Indoor Unit Capacity	Vapor (in., OD)		Liquid (in., OD)	
	A	B	A	B
18,000 Btu/h	Ø3/8 → Ø1/2		N/A	
24,000 Btu/h				
36,000 Btu/h	Ø1/2 → Ø5/8		Ø1/4 → Ø3/8	

Figure 76: Connection Socket Diagram.



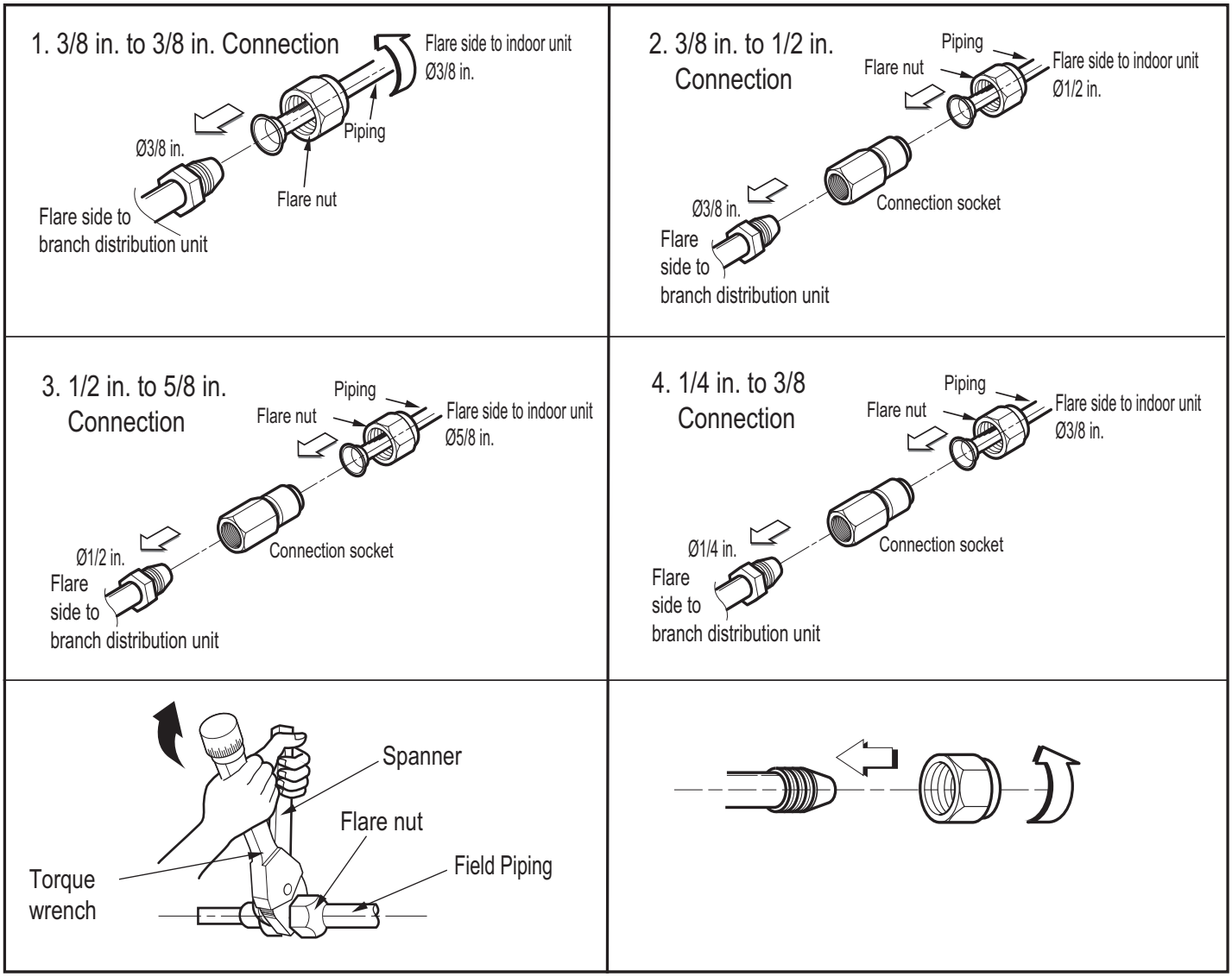
Connection Socket

Due to our policy of continuous product innovation, some specifications may change without notification.
©LG Electronics U.S.A., Inc., Englewood Cliffs, NJ. All rights reserved. "LG" is a registered trademark of LG Corp.

Multi F MAX Outdoor Unit System Piping Connections, continued.

1. Align the center of the piping sections and tighten the flare nut by hand.
2. Tighten the flare nut with a torque wrench, using the arrows on the wrench as a guide, until a click is heard.
3. Wrap insulation around the connection.

Figure 77: Possible Branch Distribution Unit to Indoor Unit Connections.



Due to our policy of continuous product innovation, some specifications may change without notification.
©LG Electronics U.S.A., Inc., Englewood Cliffs, NJ. All rights reserved. "LG" is a registered trademark of LG Corp.

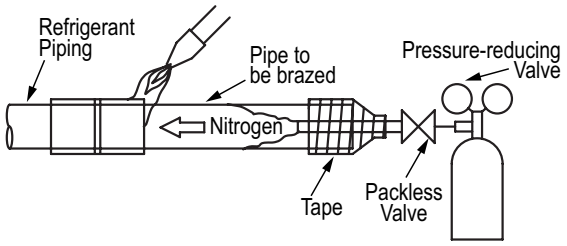
Brazing Practices

Note:

Keep the piping system free of contaminants and debris such copper burrs, slag, or carbon dust during installation.

1. All joints are brazed in the field. Multi F refrigeration system components contain very small capillary tubes, small orifices, electronic expansion valves, oil separators, and heat exchangers that can easily become blocked.
- Store pipe stock in a dry place; keep stored pipe capped and clean.
- Blow clean all pipe sections with dry nitrogen before assembly.

Figure 78: Refrigerant Pipe Brazing.



2. Proper system operation depends on the installer using best practices and utmost care while assembling the piping system.
- Use adapters to assemble different sizes of pipe.
- Do not use flux, soft solder, or anti-oxidant agents.
- Use a tubing cutter; do not use a saw to cut pipe. De-burr and clean all cuts before assembly.

3. Brazing Joints:
- Use a dry nitrogen purge operating at a minimum pressure of three (3) psig and maintain a steady flow.
- Use a 15% silver phosphorous copper brazing alloy to avoid overheating and produce good flow.
- Protect isolation valves, electronic expansion valves, and other heat-sensitive control components from excessive heat with a wet rag or a heat barrier spray product

Flare Connection Practices

Note:

Improperly installed flare connections can lead to refrigerant leaks.

1. Place a couple of drops of refrigerant oil on the opening rim of the flare before assembling. Take care not to add any contaminants.

2. Align the center of the refrigerant pipe and corresponding connection and tighten the flare nut by hand.

3. Following the guidelines as outlined in Table 185 for the amount of torque to use, tighten the flare nut with a torque wrench until the wrench clicks.

4. When flare is sufficiently tightened and the system has been tested for refrigerant leaks, wrap insulation around the connection.

✓ *When tightening the flare unit with a torque wrench, ensure the direction for tightening follows the arrow on the wrench.*

Table 185: Torque Wrench Tightening.

Piping O.D. (in.)	Torque (lbs. / ft.)
1/4	13-18
3/8	24.6-30.4
1/2	39.8-47.7
5/8	45.6-59.3
3/4	71.6-87.5

Figure 79: Flare Connection, Isometric View.

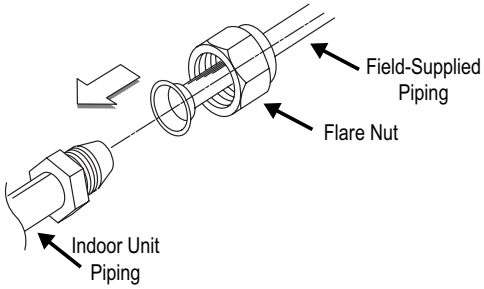


Figure 80: Flare Connection, Side View.

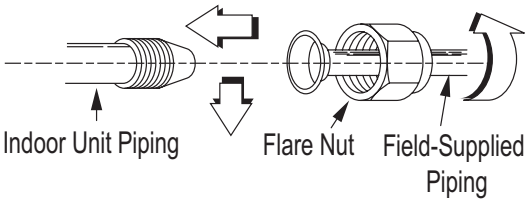
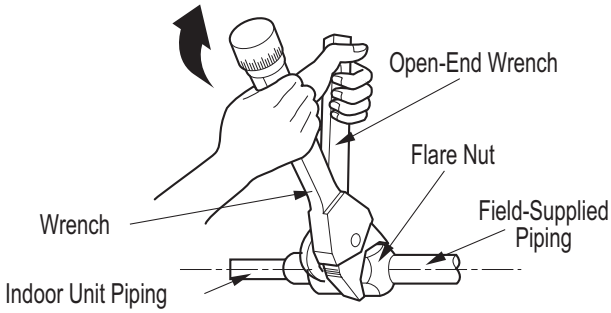


Figure 81: Using the Torque Wrench.



Due to our policy of continuous product innovation, some specifications may change without notification.
©LG Electronics U.S.A., Inc., Englewood Cliffs, NJ. All rights reserved. "LG" is a registered trademark of LG Corp.

INSTALLATION & LAYOUT BEST PRACTICES

Piping Insulation

Refrigerant Piping System Insulation

All refrigerant piping including Y-branch connections, field-provided isolation ball valves, service valves, and elbows shall be completely insulated using closed cell pipe insulation.

To prevent heat loss/heat gain through the refrigerant piping, all refrigerant piping including liquid lines and vapor lines shall be insulated separately. Insulation shall be a minimum 1/2" thick, and thickness may need to be increased based on ambient conditions and local codes.

All insulation joints shall be glued with no air gaps. Insulation material shall fit snugly against the refrigeration pipe with no air space between it and the pipe. Insulation passing through pipe hangers, inside conduit, and/or sleeves must not be compressed. Protect insulation inside hangers and supports with a second layer. All pipe insulation exposed to the sun and outdoor elements shall be properly protected with PVC, aluminum vapor barrier, or alternatively placed in a weather-resistant enclosure such as a pipe rack with a top cover; and meet local codes. Pay special attention to insulating the pipes installed in the ceiling plenum.

LG-provided Y-branches are shipped from the factory with pre-formed peel-and-stick foam insulation jackets, with a 1.84 lb./ft.^{3} density, 1/2" thickness, and meet UL94 MF-1 flammability.

The design engineer should perform calculations to determine if the factory-supplied insulation jackets are sufficient to meet local codes and avoid sweating. Maximum refrigerant piping temperature is +227°F; minimum refrigerant piping temperature is -4°F. Add additional insulation if necessary. Check the fit of the insulation jacket after the header fitting and all run-out pipes are installed. Mark all pipes at the point where the insulation jacket ends. Remove the jacket. Install field provided insulation on the run-out and main trunk pipes first. Install the LG-provided insulation plugs on the ends of all unused header ports. Peel the adhesive glue protector slip from the insulation jacket and install the clam-shell jacket over the fitting.

Minimum Refrigerant Pipe Ethylene Propylene Diene Methylene (EPDM) Insulation Wall Thickness Requirements

Note:

Follow locals codes when selecting EPDM insulation wall thickness.

Table 186: Insulation Guidelines for Typical and Special Circumstances.

Classification		Air-conditioned location		Non-air conditioned location	
		1. Typical location	2. Special location	3. Typical location	4. Special location
Liquid pipe	ø1/4 inches	1/2 inches	1/2 inches	1/2 inches	1/2 inches
	ø3/8 inches				
	≥ø1/2 inches	1/2 inches	1/2 inches	1/2 inches	1/2 inches
Vapor pipe	ø3/8 inches	1/2 inches	3/4 inches	3/4 inches	1 inch
	ø1/2 inches				
	ø5/8 inches				
	ø3/4 inches				

1. Air-conditioned, Typical location: When the piping passes through an indoor area where the indoor unit operates.

• Apartment, classroom, office, mall, hospital, etc.

2. Air-conditioned, Special location

1. When the location is air conditioned, but there is severe temperature/humidity difference due to high ceilings
   • Church, auditorium, theater, lobby, etc.
2. When the location is air conditioned, but internal temperature/humidity are high
   • Bathroom, swimming pool, locker room, etc.

3. Non-air conditioned, Typical location: When the piping passes through an indoor area where the indoor unit does not operate.

• Hallway or a dormitory or school, etc.

4. Non-air conditioned, Special location: If conditions 1 and 2 below are present.

1. When the piping passes through an indoor area where the indoor unit does not operate.
2. When the humidity is high and there is no air flow in the location where the piping is installed.
   • The thickness of the above insulation material is based on heat conductivity of 0.61 Btu/in/h/ft^2/°F.

Due to our policy of continuous product innovation, some specifications may change without notification.
©LG Electronics U.S.A., Inc., Englewood Cliffs, NJ. All rights reserved. "LG" is a registered trademark of LG Corp.

Condensate Drain Piping

Outdoor Units

Outdoor unit requires condensate drain piping. Condensate drain pipe is constructed with materials approved by local code. See pages 191 to 196 for information in reference to outdoor unit placement and condensate drainage.

Indoor Units

All indoor units generate water during cooling operation, therefore, how to properly handle this condensation must be considered. Some indoor units include factory-installed drain pumps; others apply the gravity drain method.

Depending on the location of the indoor unit, condensation can be drained directly to the outside of the building, or a common indoor unit drainage piping system can be installed, both incorporating PVC piping.

Table 187: Indoor Unit Drain Piping Specifications.

Indoor Unit	Drain Type	Drain Pipe Diameter (OD / ID, in.)	Drain Amount (gal. / min. at 0.033 ft. height)
Art Cool Wall-Mounted	Gravity	13/16 / 5/8	—
Art Cool Gallery	Gravity	13/16 / 5/8	—
Standard Wall-Mounted	Gravity	13/16 / 5/8	—
Ceiling-Concealed Ducted (Low Static and High Static)	27-1/2 in. Lift Drain Pump, Factory Installed	Ø1-1/4 / Ø1	0.105
Four-Way Ceiling Cassette	27-1/2 in. Lift Drain Pump, Factory Installed	Ø1-1/4 / Ø1	0.105
Vertical-Horizontal Air Handling Unit	Gravity	Ø3/4 / —	—

Figure 82: Diagram of an Indoor Unit with a Gravity Drain.

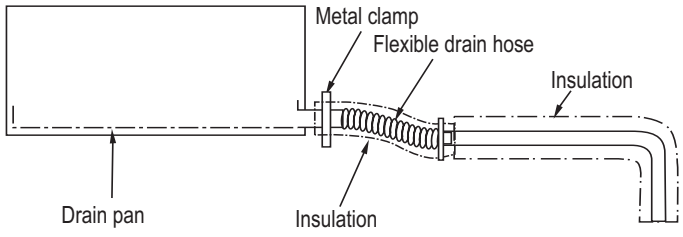
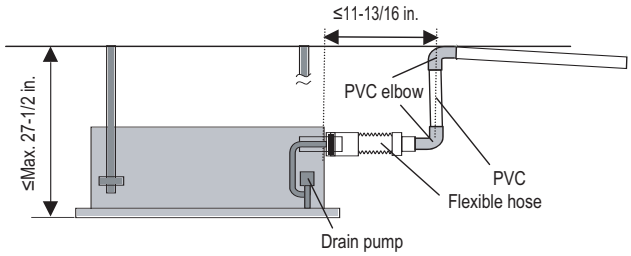


Figure 83: Diagram of an Indoor Unit with a Drain Pump.



Note:

Ensure the indoor unit, refrigerant piping, power wiring / communication cables, and drain piping is properly supported with anchor bolts and clamp hangers positioned at 3.3 to 4.9 foot intervals.

Flexible Drain Hose

Some indoor units include a factory-provided flexible drain pipe for installation.

- Install the flexible drain pipe as straight as possible; sharp angles may cause the pipe to deteriorate and may crack over time.
- Connect the flexible drain pipe with a round clamp. If the flexible drain pipe is not installed properly, water will leak from the connection.
- Do not include a reverse slope in the drain connection.

Figure 84: Flexible Drain Hose Connection.

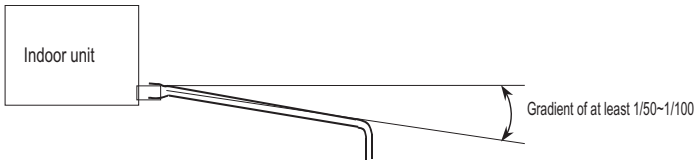


Clamp the Flexible Drain Hose Connection

Drainage Gradient

The gradient for drain piping should be at least 1/50 to 1/10. Ensure any holes through ceilings, walls, etc., are large enough to accommodate both the drain piping and any insulation.

Figure 85: Drain Piping Gradient Recommendation.



Due to our policy of continuous product innovation, some specifications may change without notification.
©LG Electronics U.S.A., Inc., Englewood Cliffs, NJ. All rights reserved. "LG" is a registered trademark of LG Corp.

INSTALLATION & LAYOUT BEST PRACTICES

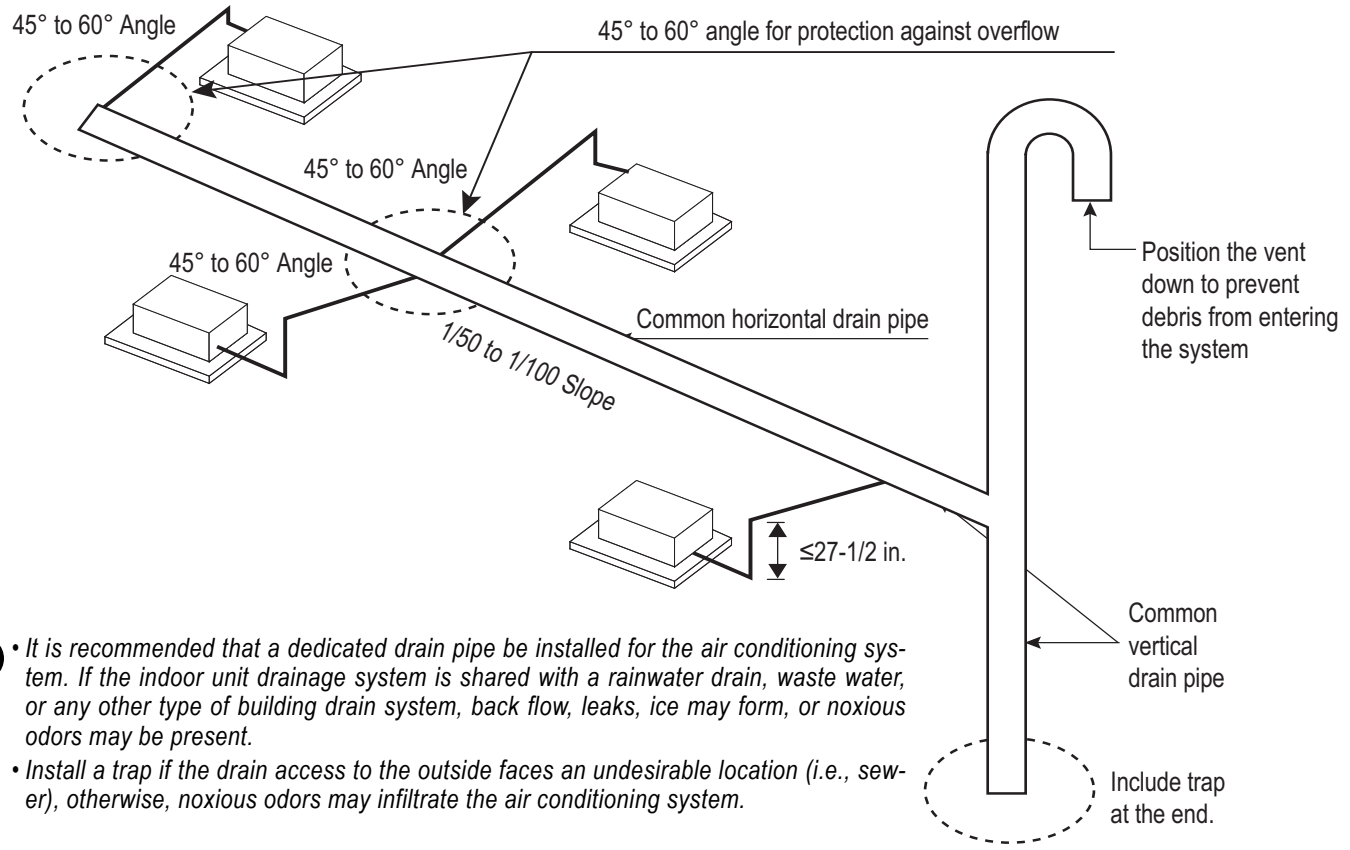
MULTI F
MULTI F MAX

Condensate Drain Piping

Common Indoor Unit Drainage System

It is usual work practice to connect individual indoor unit drain pipes to one common indoor unit drainage system. The diameter of the common vertical drain pipe should be as large as necessary. (For systems with <80,000 Btu/h total capacity of all connected indoor units, the standard size for the common vertical drain pipe is 0.98 ID, in. and 1.26 OD, in.) The diameter of the horizontal pipe should be the same or larger than the vertical drain pipe. To avoid property damage in the event of the primary drain becoming clogged, and to optimize drain system performance, it may be prudent to install a secondary drain line. Design the drain system to plan for winter operation (condensate line may freeze up if condensate does not properly drain away). Drain all generated condensate from the external condensate pan to an appropriate area. Install a trap in the condensate lines as near to the indoor unit coil as possible; to prevent overflow the outlet of each trap should be positioned below its connection to the condensate pan. All traps should be primed, insulated, and leak tested if located above an inhabited space.

Figure 86: Example of a Common Indoor Unit Drainage System.



- *It is recommended that a dedicated drain pipe be installed for the air conditioning system. If the indoor unit drainage system is shared with a rainwater drain, waste water, or any other type of building drain system, back flow, leaks, ice may form, or noxious odors may be present.*
- *Install a trap if the drain access to the outside faces an undesirable location (i.e., sewer), otherwise, noxious odors may infiltrate the air conditioning system.*

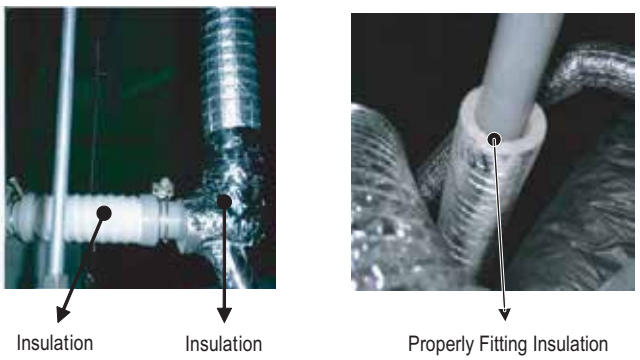
Drain Leak Test

A leak test should be performed 24 hours after the drainage system has been installed. Only use water for the test; other liquids are unacceptable.

Drain Pipe Insulation

To prevent condensate from forming on the drain piping, install field-supplied 0.4 inch thick polyethylene. The insulation should be securely fastened with all connected joints and ends properly covered.

Figure 87: Properly Insulating the Drainage Piping.



Due to our policy of continuous product innovation, some specifications may change without notification.
©LG Electronics U.S.A., Inc., Englewood Cliffs, NJ. All rights reserved. "LG" is a registered trademark of LG Corp.

CUT SHEET

Y-Branch Kit

- LG Y-Branch Kit PMBL5620 is required when installing two branch distribution units in parallel on one LG Multi F MAX system.
- The kit must be properly installed following instructions in the applicable LG manual. Field-supplied branch fittings are not permitted.
- Kit components must be kept free of debris and be dry before installation.
- All Y-Branch Kits include a clam shell, peel-and-stick insulation jacket.



Table 188: Fitting Properties.

Material	Copper
Design Pressure	551 psig

Table 189: Multi F MAX Y-Branch Connection Diameters.

Model	Y-Branch Type	Port Identifier (inch)		
		1	2	3
PMBL5620	Liquid	Ø3/8	Ø3/8	Ø3/8
	Vapor	Ø3/4	Ø3/4	Ø3/4
	Y-Branch Type	Dimensions (inch)		
		X	Y	
	Liquid	13.80	3.24	
	Vapor	12.48	3.02	

Figure 88: Y-Branch Port Identifier Diagram.

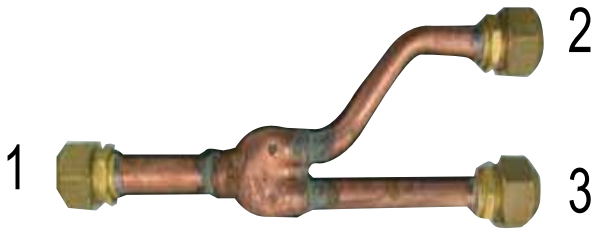
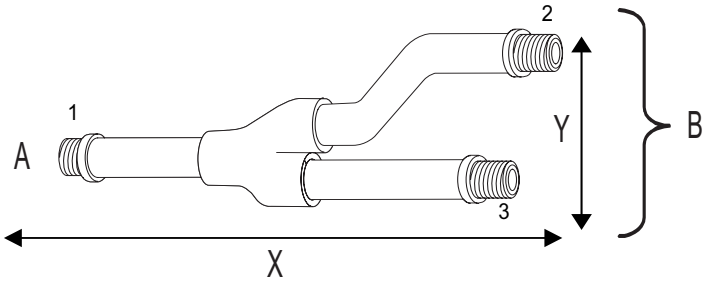


Figure 89: Y-Branch Dimensions Diagram.

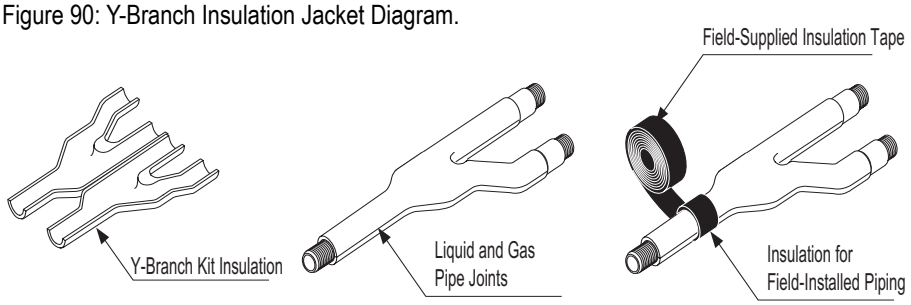


A = To Outdoor Unit
B = To Branch Distribution Unit

Table 190: Insulation Jacket Properties.

Material	Polyolefin Foam
UL94 Flame Classification	HF-1
Density	1.84 lbs./ft.^{3}
Thermal Conductivity	.0208 Btu/h/ft. ºR
Thickness	1/2 inch

Figure 90: Y-Branch Insulation Jacket Diagram.



Due to our policy of continuous product innovation, some specifications may change without notification.
©LG Electronics U.S.A., Inc., Englewood Cliffs, NJ. All rights reserved. "LG" is a registered trademark of LG Corp.

Due to our policy of continuous product innovation, some specifications may change without notification.
©LG Electronics U.S.A., Inc., Englewood Cliffs, NJ. All rights reserved. "LG" is a registered trademark of LG Corp.

WIRING CONNECTIONS

“General Information” on page 220

“Power Wiring (208-230V) and Communications Cable Details” on page 223

“Indoor Unit Group Control” on page 228

WIRING CONNECTIONS

General Information

MULTI F
MULTI F MAX

⚠ WARNING

- *Only qualified technicians—in accordance with federal, state, and local codes, and manufacturer product diagrams and requirements—should install the power wiring and communication cables.*
- *Use only copper wiring that is stranded, shielded with the wires separately insulated.*
- *Do not use a multi-conductor cable with more than five (5) wires in one (1) core.*
- *Power wiring and communications cable sizes must comply with applicable federal UL / ETL, state, and local codes.*
- *Verify that the branch switch and circuit breaker are set to OFF before installing the wiring system.*
- *Do not operate the air conditioning system until the refrigerant piping installation is complete. Operating the system before refrigerant piping is finalized may damage the compressor.*
- *Install a ground wire for the outdoor units, indoor units, and branch distribution units.*
- *Install a main shutoff switch or circuit breaker that interrupts all power sources simultaneously (circuit breaker should be resistant to electromagnetic currents).*
- *To avoid the possibility of explosion, fire, etc., do not connect the ground wiring to gas or sewage pipes, lightening rods, and telephone wires. Use clamps to prevent the wires from touching the piping.*
- *Use ring terminals to attach the wiring. Verify that all power wiring and communications cable terminals are securely attached; ensure enough slack is included in the wiring and cables to avoid damaging the connections.*
- *Use a conduit to protect the power wiring.*
- *Do not install a phase-advancing capacitor; the outdoor unit may overheat.*

Power Wiring and Communications Cable Installation

For both Multi F and Multi F MAX systems, power is wired to the outdoor unit only. The outdoor unit will supply power to the branch distribution units (Multi F MAX systems only) and the indoor units through the power wiring / communications cable.

Electrical Specifications

1. Multi F and Multi F MAX Outdoor Units: 1Ø, 208-230V, 60Hz
2. Indoor units / Branch Distribution Units (Multi F MAX systems only): 1Ø, 208-230V, 60Hz from the outdoor unit (Indoor units draw minimal power.)
3. Power supply wire type and size should be selected based on NEC and local codes. Maximum allowable voltage fluctuation ±10% of the nameplate rated value.
4. Properly ground the outdoor unit per NEC and / or local code.
5. Use only copper wiring that is stranded and shielded with the wires separately insulated.

Power Wiring / Communications Cable Specifications

- From Multi F Outdoor Units to Indoor Units = 4 x 18AWG
- From Multi F MAX Outdoor Units to Branch Distribution Units = 4 x 16AWG
- From Multi F MAX Branch Distribution Units to Indoor Units = 4 x 18AWG
- Maximum Allowable Temperature: 194°F
- Multi F System Maximum Cable Length: 88.6 ft.
- Multi F MAX System Maximum Cable Length:
  - Outdoor Unit to Branch Distribution Unit(s): 180.4 ft.
  - Branch Distribution Unit(s) to Indoor Unit(s): 49.2 ft.
- Indoor Unit(s) to Wired Controller: Three-core cable

Figure 91: Power Wiring to Multi F and Multi F MAX ODU.

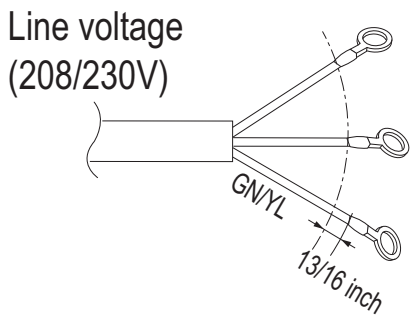
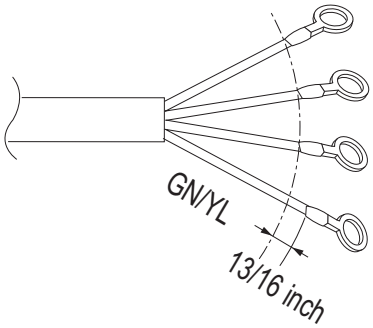


Figure 92: Power Wiring and Communications Cable from the Multi F ODU to the IDUs, or from the Multi F MAX ODU to the BDUs and from the BD Unit to the IDUs.



Due to our policy of continuous product innovation, some specifications may change without notification.
©LG Electronics U.S.A., Inc., Englewood Cliffs, NJ. All rights reserved. "LG" is a registered trademark of LG Corp.

Connecting the Power Wiring / Communications Cable

Best practice dictates using ring or spade terminals to terminate power wiring at the power terminal block. If ring terminals or spade clips are not available, then:

- Do not terminate different gauge wires to the power terminal block. (Slack in the wiring may generate heat.)
- When terminating wires of the same thickness, follow the instructions demonstrated in the figures below.
- Firmly attach the wire; secure in a way to prevent external forces from being imparted on the terminal block.
- Use an appropriately sized screwdriver for tightening the terminals.
- Do not overtighten the connections; overtightening may damage the terminals.

Figure 93: Close up of a Typical Ring Terminal.

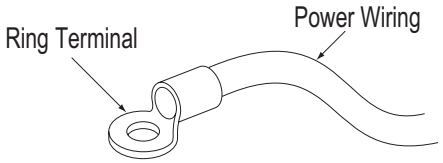


Figure 94: Close up of the Indoor Unit Terminal Block.

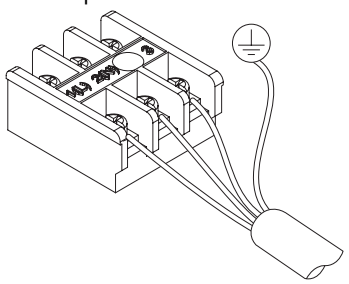
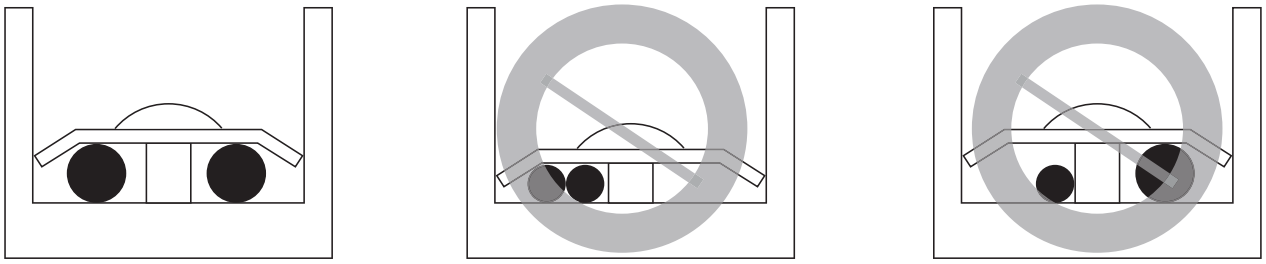


Figure 95: Proper and Improper Power Wiring Connections.

● :Copper Wire



Terminate multiple power wires of the same gauge to both sides.

Do not terminate two wires on one side.

Do not terminate different gauge wires to a terminal block.

⚠WARNING

If power wires are not properly terminated and firmly attached, there is risk of fire, electric shock, and physical injury or death.

Note:

- *Never apply line voltage power to the communications cable terminal block. If contact is made, the PCBs may be damaged.*
- *Always include some allowance in the wiring length when terminating. Provide some slack to facilitate removing the electrical panels while servicing.*

Due to our policy of continuous product innovation, some specifications may change without notification.
©LG Electronics U.S.A., Inc., Englewood Cliffs, NJ. All rights reserved. "LG" is a registered trademark of LG Corp.

Figure 96: Multi F System General Power / Communications System Schematic.

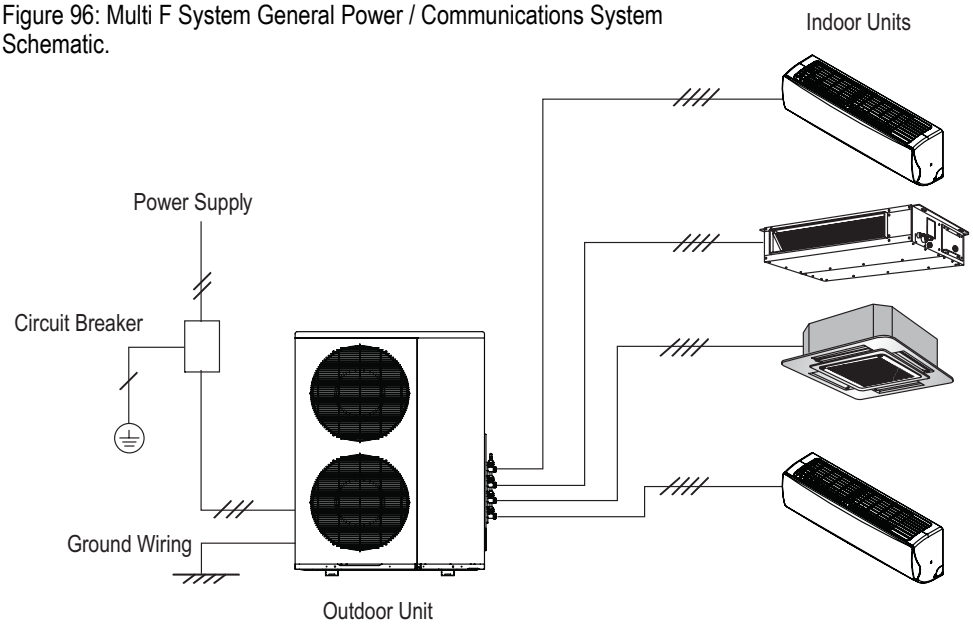
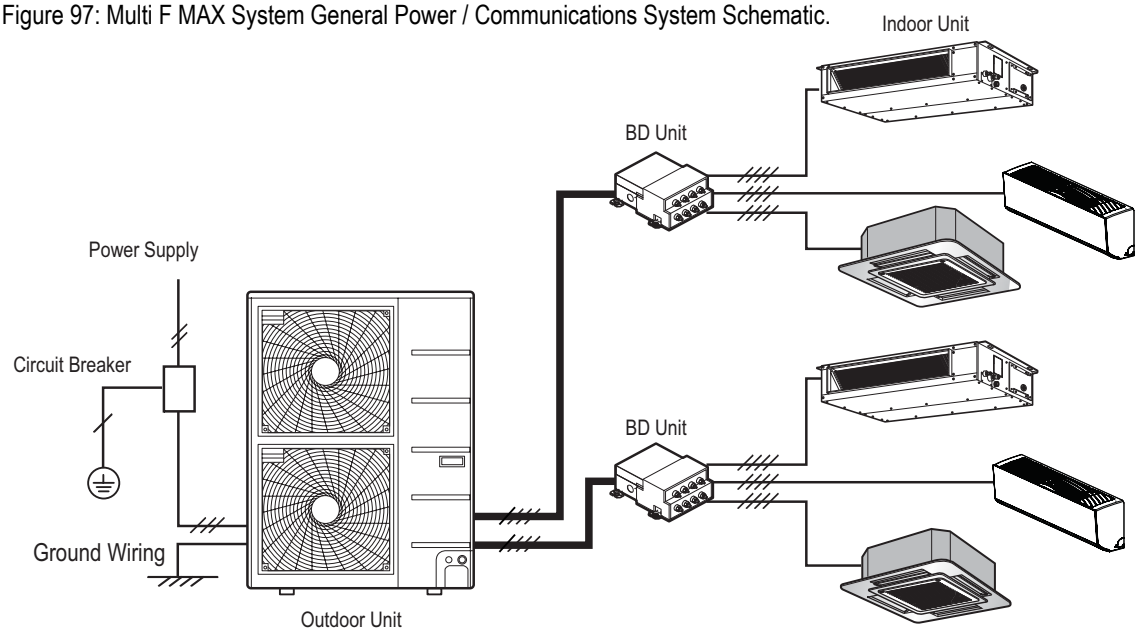


Figure 97: Multi F MAX System General Power / Communications System Schematic.



Note:

- *Secure the separate wires in the control box panel using zip ties.*
- *Secure wiring with accessory clamps so that it does not touch piping.*
- *Use a conduit for the cable*
- *Outside the unit, make sure the communications cable and the power wiring are separately shielded, otherwise, the outdoor unit operation may be affected by electrical noise and will malfunction or fail.*

Due to our policy of continuous product innovation, some specifications may change without notification.
©LG Electronics U.S.A., Inc., Englewood Cliffs, NJ. All rights reserved. "LG" is a registered trademark of LG Corp.

WIRING CONNECTIONS

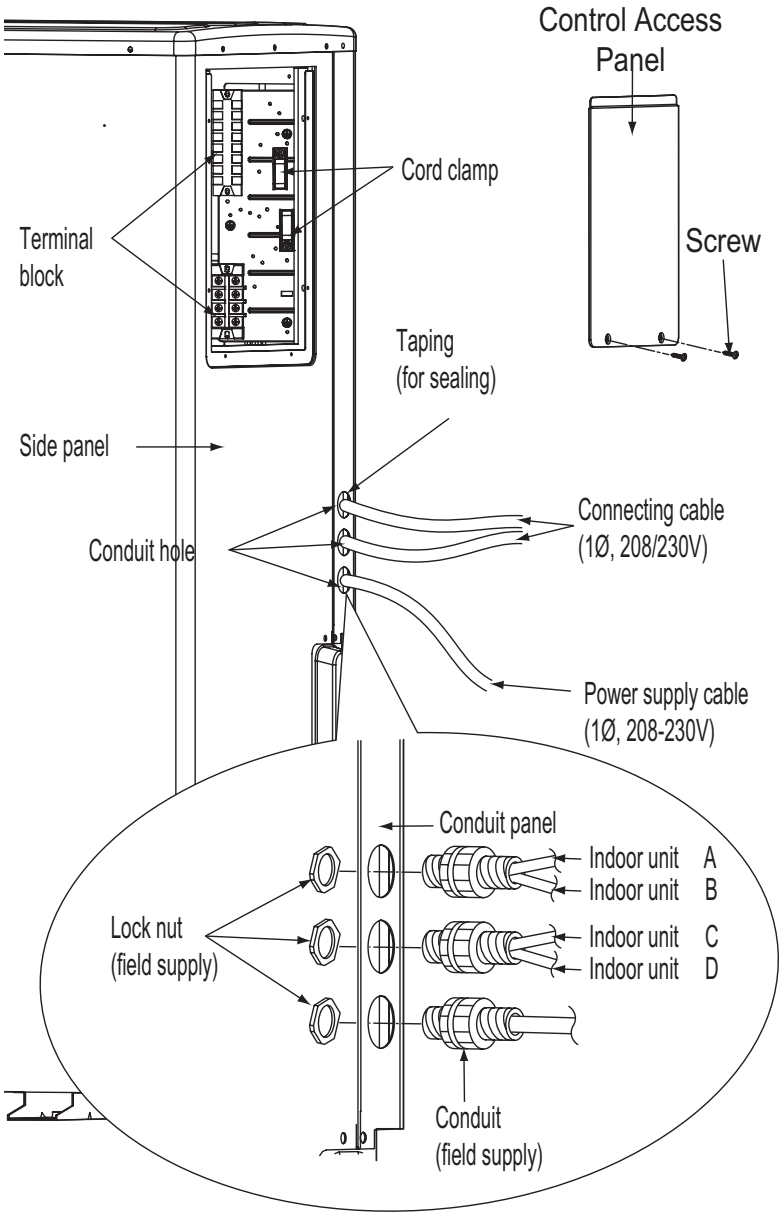
Power Wiring (208-230V) and Communications Cable Details

- Find the outdoor unit terminal block by unscrewing the control access panel.
- Side panel of the outdoor unit has knockout holes for the conduits. After install is complete, seal up any gaps between the panel and the conduits.
- Clamp is included near the terminal block to help protect the connections from strain on the cables.

⚠ WARNING

- *Always have a trained technician properly ground the outdoor unit. If the outdoor unit is not properly grounded, there is a risk of electric shock.*
- *Use a conduit for the power wiring.*
- *The communications cable should be separated and isolated from the outdoor unit power wiring, computers, radio and television broadcasting facilities, as well as medical imaging equipment.*

Figure 98: Example of Power Wiring and Communications Cable Terminations.

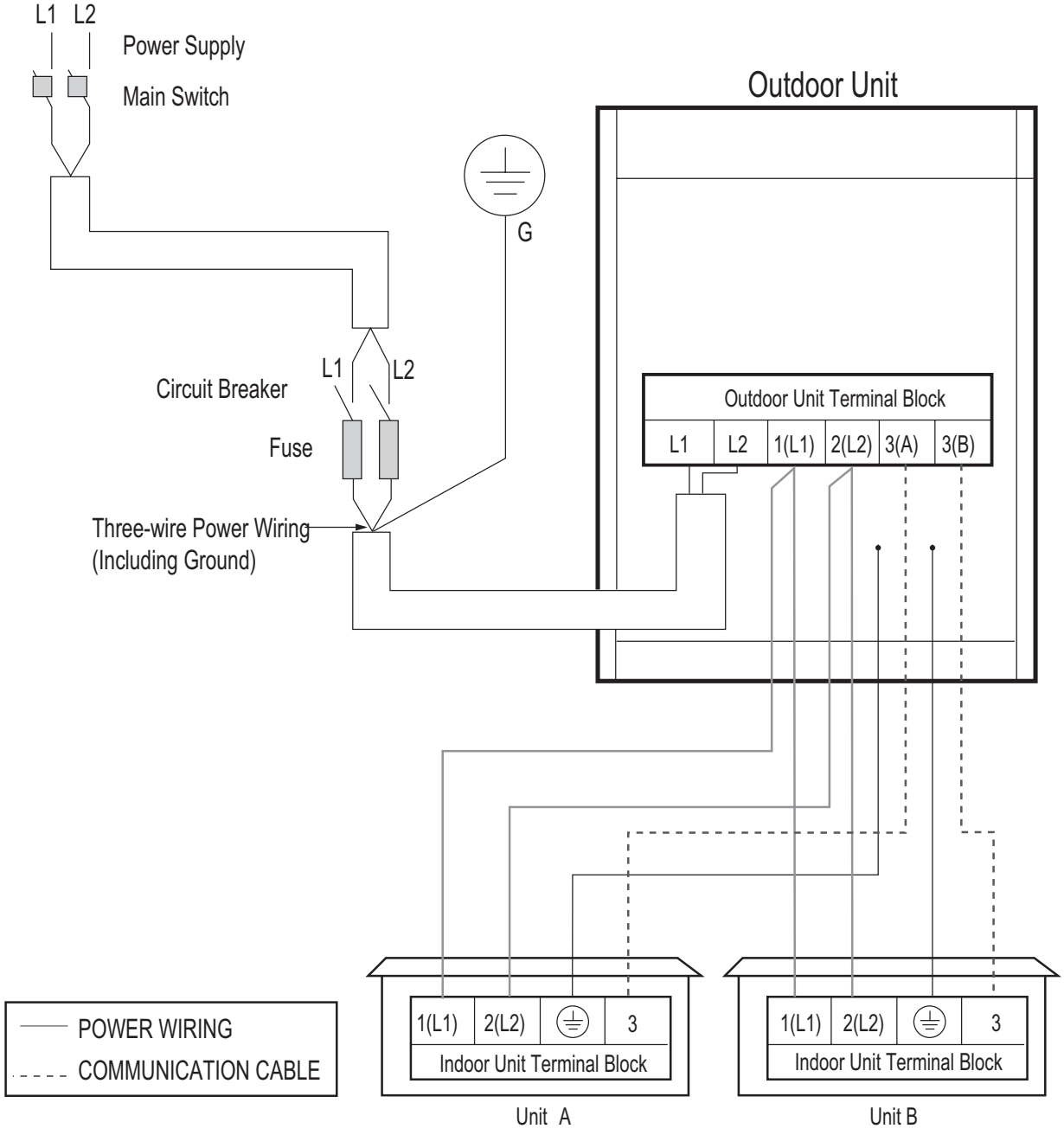


Due to our policy of continuous product innovation, some specifications may change without notification.
©LG Electronics U.S.A., Inc., Englewood Cliffs, NJ. All rights reserved. "LG" is a registered trademark of LG Corp.

WIRING CONNECTIONS

Power Wiring (208-230V) and Communications Cable Details

Figure 99: Multi F LMU187HV System Power Wiring and Communications Cable.



⚠ WARNING

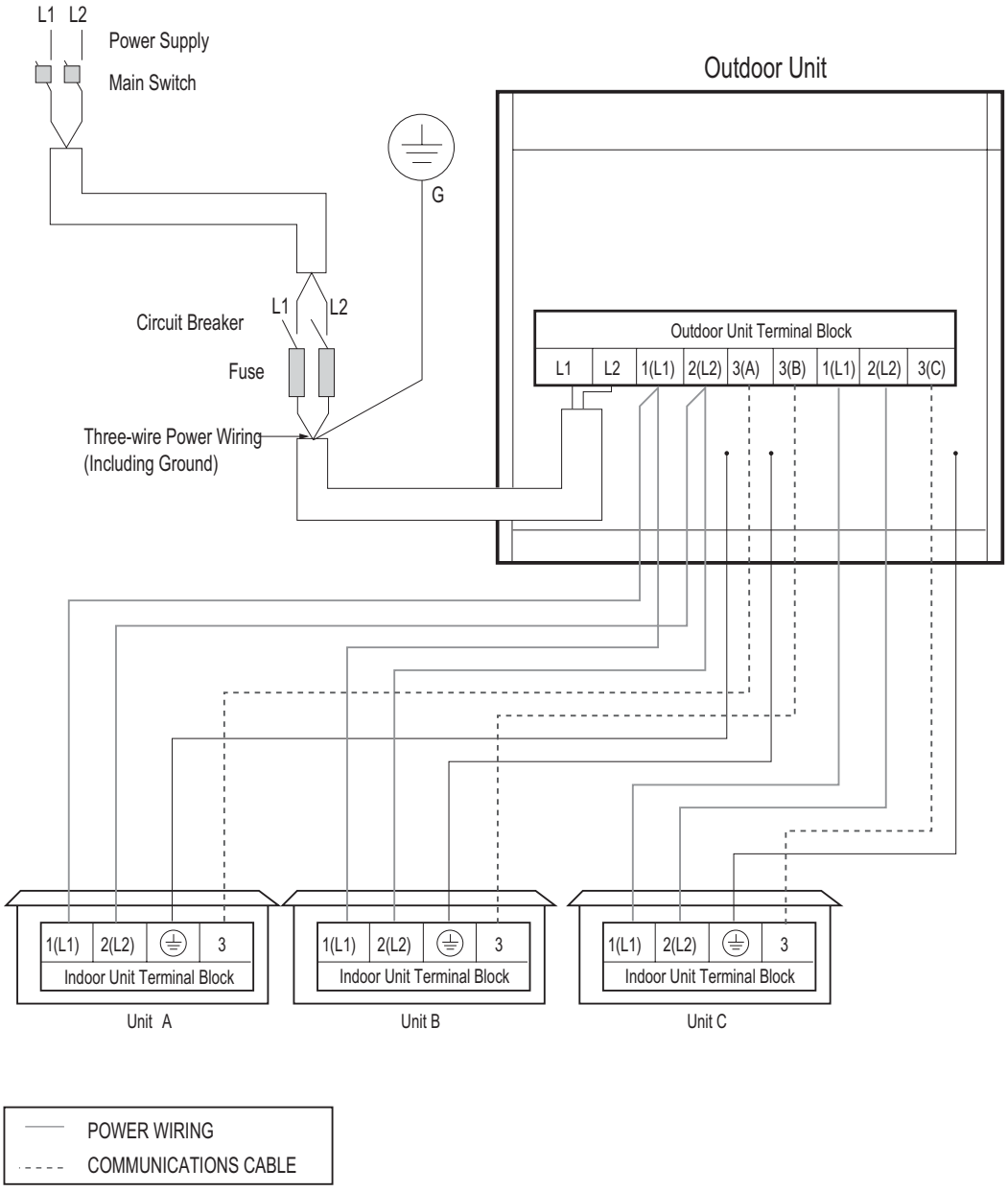
- *All field-supplied wiring, components, and materials should follow national, state, and local codes and requirements.*
- *Use only stranded, shielded copper conductor.*
- *Ground wiring is required to prevent accidental electrical shock during current leakage, communication problems from electrical noise, and motor current leakage. Do not connect the ground line to the pipes.*
- *Install a main shutoff switch or circuit breaker that interrupts all power sources simultaneously.*
- *Wiring cable size must comply with applicable national, state, and local codes.*

Due to our policy of continuous product innovation, some specifications may change without notification.
©LG Electronics U.S.A., Inc., Englewood Cliffs, NJ. All rights reserved. "LG" is a registered trademark of LG Corp.

WIRING CONNECTIONS

Power Wiring (208-230V) and Communications Cable Details

Figure 100: Multi F LMU247HV System Power Wiring and Communications Cable.

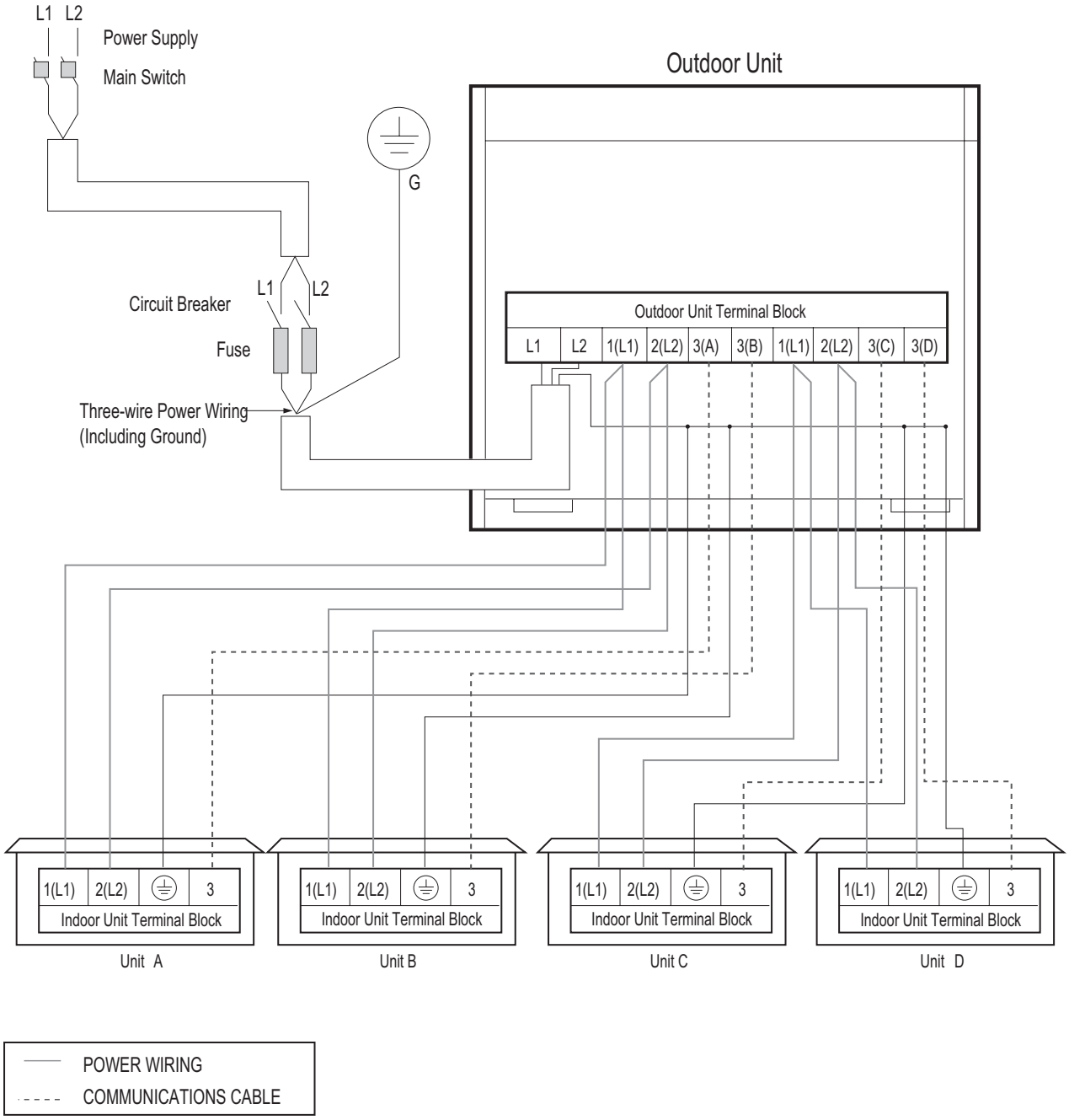


⚠ WARNING

- *All field-supplied wiring, components, and materials should follow national, state, and local codes and requirements.*
- *Use only stranded, shielded copper conductor.*
- *Ground wiring is required to prevent accidental electrical shock during current leakage, communication problems from electrical noise, and motor current leakage. Do not connect the ground line to the pipes.*
- *Install a main shutoff switch or circuit breaker that interrupts all power sources simultaneously.*
- *Wiring cable size must comply with applicable national, state, and local codes.*

Due to our policy of continuous product innovation, some specifications may change without notification.
©LG Electronics U.S.A., Inc., Englewood Cliffs, NJ. All rights reserved. "LG" is a registered trademark of LG Corp.

Figure 101: Multi F LMU369HV System Power Wiring and Communications Cable.



⚠ WARNING

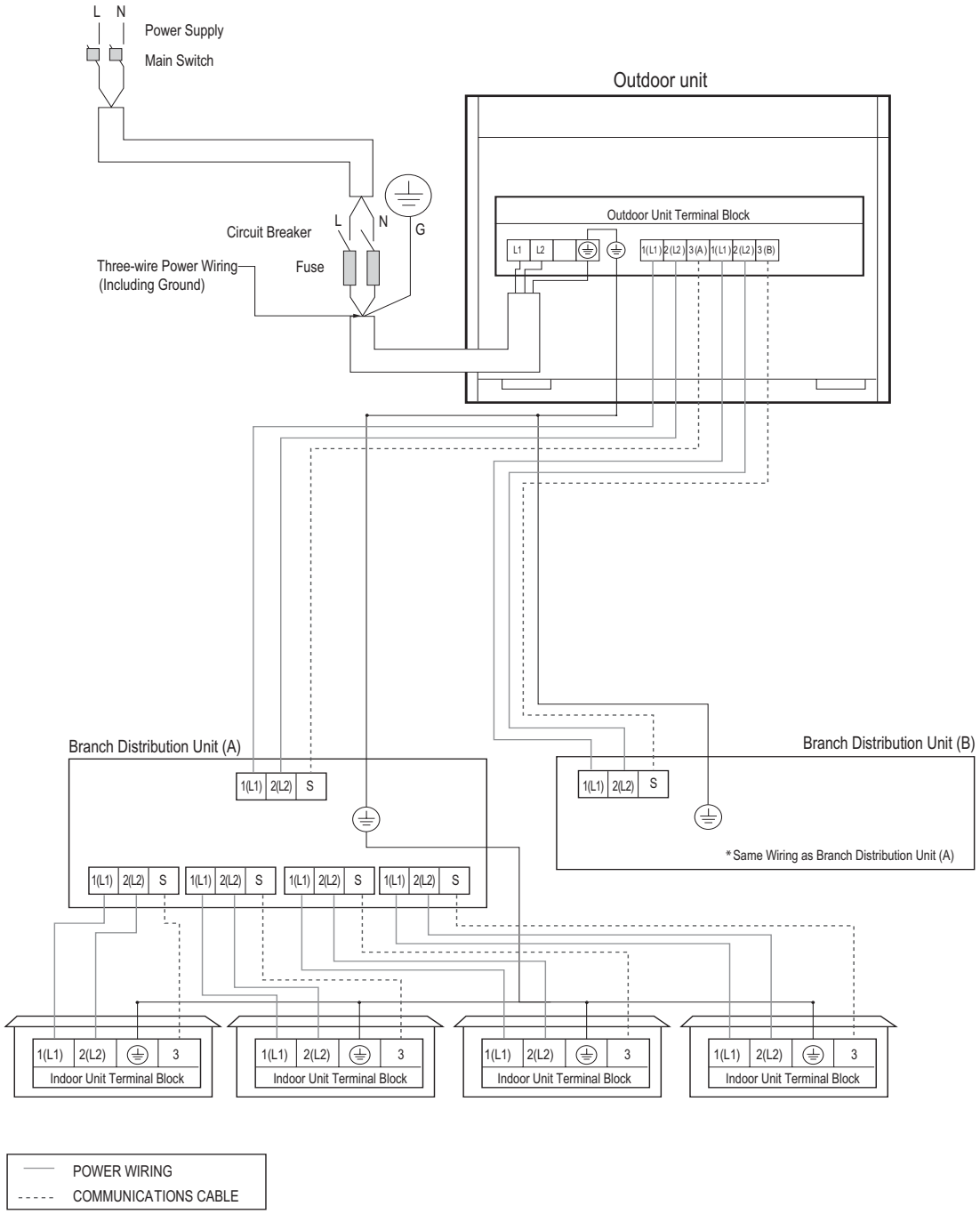
- *All field-supplied wiring, components, and materials should follow national, state, and local codes and requirements.*
- *Use only stranded, shielded copper conductor.*
- *Ground wiring is required to prevent accidental electrical shock during current leakage, communication problems from electrical noise, and motor current leakage. Do not connect the ground line to the pipes.*
- *Install a main shutoff switch or circuit breaker that interrupts all power sources simultaneously.*
- *Wiring cable size must comply with applicable national, state, and local codes.*

Due to our policy of continuous product innovation, some specifications may change without notification.
©LG Electronics U.S.A., Inc., Englewood Cliffs, NJ. All rights reserved. "LG" is a registered trademark of LG Corp.

WIRING CONNECTIONS

Power Wiring (208-230V) and Communications Cable Details

Figure 102: Multi F MAX LMU540HV System Power Wiring and Communications Cable.



⚠ WARNING

- *All field-supplied wiring, components, and materials should follow national, state, and local codes and requirements.*
- *Use only stranded, shielded copper conductor.*
- *Ground wiring is required to prevent accidental electrical shock during current leakage, communication problems from electrical noise, and motor current leakage. Do not connect the ground line to the pipes.*
- *Install a main shutoff switch or circuit breaker that interrupts all power sources simultaneously.*
- *Wiring cable size must comply with applicable national, state, and local codes.*

Due to our policy of continuous product innovation, some specifications may change without notification.
©LG Electronics U.S.A., Inc., Englewood Cliffs, NJ. All rights reserved. "LG" is a registered trademark of LG Corp.

Communication Cables Between Multiple Indoor Units Operating as a Group (Group Control)

1. If any indoor units were specified to operate in unison, use one (or multiple) three-core Group Control Kit (sold separately) containing extension and Y-splitter cables. One (1) group control cable kit for each indoor unit in the group except for the last indoor unit.

2. Always use an LG provided group control communications cable (Group Control Kit; sold separately) between the indoor unit and the wall-mounted zone controller.

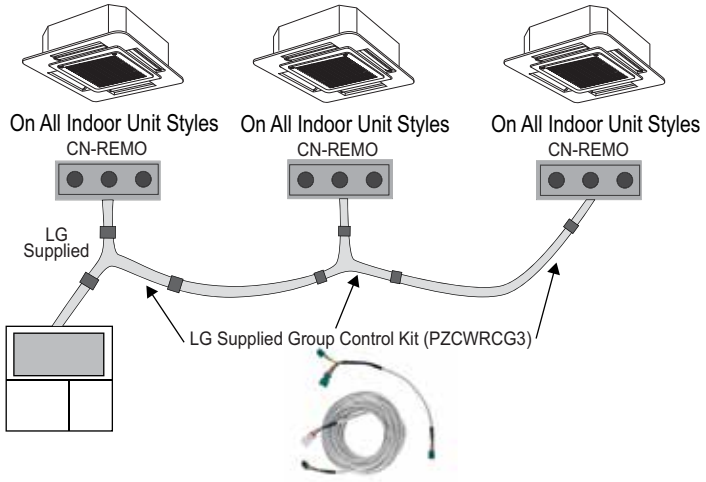
3. NEVER splice, cut, or extend cable length with field provided cable.

4. A maximum of 16 indoor units can be connected to a wired remote controller (maximum wire length: 164 feet). Before running cable, decide which indoor unit will be the “Master;” set the remaining as “Slave.” The zone controller will be connected to the “Master.”

5. Identify each indoor unit operating as a group as “Master” or “Slave”. Adjust the pertinent DIP switch at each indoor unit. On wall mounted indoor unit models, set the assignment using the handheld remote controller.

6. Use a daisy chain configuration and connect all of the group’s indoor units together starting at the “Master” unit.

Figure 103: Indoor Unit Group to Zone Controller Connections.



Note:

Cable connected to Zone Controller is the factory default connection.

General Specifications

- Wired remote controllers can be connected to all indoor unit types.
- Wireless handheld controllers can be used in conjunction with wired remote controllers.
- A dry contact unit can be connected with a central controller simultaneously.
  - The master indoor unit is recognized by the dry contact unit and the central controller.
  - Group Control only available for indoor units manufactured after February 2009.
  - The central controller can control indoor units after setting the address of the master indoor unit only.
  - Slave indoor unit cannot be individually controlled by central controller.
  - Slave indoor unit will operate like master indoor unit.
- If an error occurs with the indoor unit, the error will be displayed on the wired remote controller.
- The following functions are available with group control:
- Selection of operation options (operation/mode/set temperature)
- Control of air flow rate (High/Medium/Low)

Table 191: Accessories Required for Group Control.

Accessory	Model Number	Image
Wired Remote Group Control Cable Assembly - Required for connecting multiple indoor units to a control group	PZCWRCG3	
Wired Remote/Wired Remote Extension Cable - Required for extending the distance between indoor units or remote controllers in a control group	PZCWRC1	

Due to our policy of continuous product innovation, some specifications may change without notification.
©LG Electronics U.S.A., Inc., Englewood Cliffs, NJ. All rights reserved. “LG” is a registered trademark of LG Corp.

ACRONYMS

Table 192: Table of Acronyms.

ABS	Acrylonitrile Butadiene Styrene	IAQ	Indoor Air Quality
AC	Air Conditioner	IDU	Indoor Unit
ACP	Advanced Control Platform	IUCF	Indoor Unit Correction Factor
ARI	Air Conditioning and Refrigeration Institute	KTL	Korea Testing Laboratories
ASHRAE	American Society of Heating, Refrigeration, and Air Conditioning	LATS	LG Air Conditioning Technical Solution
AWG	American Wire Gauge	LGAP	LG Air Conditioner Protocol
BDU	Branch Distribution (Unit)	MAT	Mixed Air Temperature
Btu/h	British Thermal Units per hour	MBh	Thousands BTUs per hour
CCR	Corrected Capacity Ratio	MCA	Maximum Circuit Ampacity
CDOA	Coupled Dedicated Outdoor Air	MFS	Maximum Fuse Size
CFM	Cubic Feet per Minute	NEC	National Electrical Code
CR	Combination Ratio	OAT	Outdoor Air Temperature
DB	Dry Bulb	ODU	Outdoor Unit
dB(A)	Decibels with “A” frequency weighting	OUCF	Outdoor Unit Correction Factor
DDOAS	Decoupled Dedicated Outdoor Air	PDI	Power Distribution Indicator
DFS	Duct-Free Split	PI	Power Input
DI	Digital Input	PTAC	Packaged Terminal Air Conditioner
DO	Digital Output	PVE	Polyvinyl Ether
EEV	Electronic Expansion Valve	RAT	Return Air Temperature
ELF	Equivalent Length in Feet	RCL	Refrigerant Concentration Limit
EPDM	Ethylene Propylene Diene M-Class Rubber	SC	Sensible Capacity
ESP	External Static Pressure	TC	Total Capacity
ETL	Electronic Testing Laboratories	VAV	Variable Air Volume
HACR	Heating, Air Conditioning, and Refrigeration	VRF	Variable Refrigerant Flow
H/M/L	High / Medium / Low	VRP	Ventilation Rate Procedure

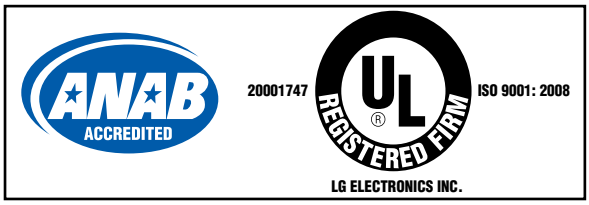
Due to our policy of continuous product innovation, some specifications may change without notification.
©LG Electronics U.S.A., Inc., Englewood Cliffs, NJ. All rights reserved. “LG” is a registered trademark of LG Corp.













LG
Life's Good

LG Electronics
Commercial Air Conditioning Division
11405 Old Roswell Road
Alpharetta, Georgia 30009
www.lg-dfs.com

LG Electronics Products Support
1-888-865-3026 USA
Follow the prompts for HVAC products.

DFS-EM-AJ-001-US 014C25
Supersedes DFS-EM-AJ-001-US 014A03
Supersedes DFS-EM-AJ-001-US 013M09
Supersedes DFS-EM-AJ-001-US 013K30

LG
Life's Good

MULTI F
MULTI F MAX

HEAT PUMP SYSTEM
ENGINEERING MANUAL

Multi-Zone Heat Pump Systems

1.5 to 4.5 Tons



Dual and Tri-Zone
Multi F



Quad-Zone
Multi F



Eight-Zone
Multi F MAX

PROPRIETARY DATA NOTICE

This document, as well as all reports, illustrations, data, information, and other materials are the property of LG Electronics U.S.A., Inc., and are disclosed by LG Electronics U.S.A., Inc., only in confidence.
This document is for design purposes only.

DFS-EM-AJ-001-US 014C25

For continual product development, LG reserves the right to change specifications without notice.
©LG Electronics Inc.

This document, as well as all reports, illustrations, data, information, and other materials are the property of LG Electronics U.S.A., Inc.

MULTI F
MULTI F MAX

TABLE OF CONTENTS

About LG Electronics, Inc. **4**

Multi-Zone Systems **4**

Unit Nomenclature **6**

Outdoor Unit Overview **7**

Indoor Unit Overview **8**

Controls and Options Overview **9-13**

Multi F Outdoor Unit Product Data **15-124**
- *Product Features and Benefits* *16*
- *Mechanical Specifications* *17*
- *General Data* *18-19*
- *Dimensions* *20-22*
- *Rated Cooling Combination Tables* *23-25*
- *Rated Heating Combination Tables* *26-28*
- *Cooling Capacity Tables* *29-80*
- *Heating Capacity Tables* *81-115*
- *Electrical Data* *116*
- *Acoustic Data* *116*
- *Refrigerant Flow Diagrams* *117-119*
- *Wiring Diagrams* *120-122*
- *Operation Range* *123*

Multi F MAX Outdoor Unit Product Data **125-168**
- *Product Features and Benefits* *126*
- *Mechanical Specifications* *127*
- *General Data* *128-129*
- *Dimensions* *130*
- *Rated Cooling Combination Tables* *131-133*
- *Rated Heating Combination Tables* *134-135*
- *Cooling Capacity Tables* *137-153*
- *Heating Capacity Tables* *154-164*
- *Electrical Data* *165*
- *Acoustic Data* *165*
- *Refrigerant Flow Diagrams* *166*
- *Wiring Diagrams* *167*
- *Operation Range* *168*

Multi F MAX Branch Distribution Unit Product Data **169-178**
- *Features and Benefits* *170*
- *Mechanical Specifications* *171*
- *General Data* *172*
- *Dimensions* *173*
- *Refrigerant Flow Diagram* *174*
- *Wiring Diagram* *175*
- *Y-Branch Accessory* *176*
- *Branch Distribution Unit Orientation* *177*

Application Guidelines **179-196**
- *Equipment Selection Procedure* *180-185*
- *Building Ventilation Design Guide* *186-189*
- *Placement Considerations* *190-196*

Refrigerant Piping Design & Layout Best Practices **197-218**
- *Design Guideline Summary* *198-199*
- *Creating a Balanced / Quality Piping System* *200*
- *Manual Layout Procedure* *200*
- *LG Engineered Multi F MAX Y-Branch Kits* *201*
- *Refrigerant Charge* *202-203*
- *Selecting Field-Supplied Copper Tubing* *204-205*
- *Refrigerant Piping System Layout* *206-213*
- *Piping Insulation* *214*
- *Condensate Drain Piping* *215-216*
- *Cut Sheet* *217*

Wiring Connections **219**
- *General Information* *220-222*
- *Power Wiring and Communications Cable Details* *223-227*
- *Indoor Unit Group Control* *228*

Acronyms **229**

TABLE OF SYMBOLS

⚠ **WARNING**	*This symbol indicates a potentially hazardous situation which, if not avoided, may result in death or serious injury.*
Note	*This symbol indicates additional helpful information such as an explanation, a comment, or a clarification about the subject.*
✓	*This symbol indicates a recommendation or tip. Recommendations instruct the user to apply the suggested practice to ensure the best operating results in order to achieve the maximum benefit of the product. Tips contain practical information that may help the user solve a problem or describe actions that may save time.*

Due to our policy of continuous product innovation, some specifications may change without notification.
©LG Electronics U.S.A., Inc., Englewood Cliffs, NJ. All rights reserved. "LG" is a registered trademark of LG Corp.

CONVERGENCE OF TECHNOLOGY, INNOVATION, FLEXIBILITY, & STYLE

About LG Electronics, Inc.

LG Electronics, Inc. is a global leader and technology innovator in consumer electronics, mobile communications, and home appliances, employing more than 213,000 people in more than 60 countries worldwide. LG Electronics, Inc. comprises five business units—Home Entertainment, Mobile Communications, Air Conditioning, Business Solutions, and Home Appliance. LG is one of the world's leading producers of flat panel televisions, audio and video products, mobile handsets, air conditioners, and washing machines. LG's commercial air conditioning business unit was established in 1968 and has built its lineup of residential and commercial products to include VRF, Multi F, duct-free split systems, packaged terminal air conditioners (PTACs), and room air conditioners. In 2011, the air conditioning and energy solutions business unit grew to include LED lighting and solar products. For more information, visit www.lg-dfs.com.

Multi-Zone Systems

LG HVAC systems offer a range of solutions that are cost efficient, quiet and attractive. Multi-zone systems are "split" into indoor and outdoor units, and provide a smart alternative to both central HVAC and window-mounted air conditioners. These inverter heat pump systems are available in a variety of configurations to suit different cooling and heating situations. Installation by a qualified HVAC contractor is safe and easy – little to no duct work or sheet metal is required.

Benefits of Multi F Systems

- Individual zone control
- Long refrigerant piping lengths
- High refrigerant piping elevation differences
- Maximum flexibility
- Operating ranges of 14°F to 118°F in cooling and 0°F to 64°F in heating
- Quiet and comfortable environment
- Reduced ductwork



Multi F Systems

LG's inverter heat pumps can support two, three, or four indoor units that are typically installed in separate rooms. Each indoor unit includes its own remote control, allowing the customer to set the temperature individually. Indoor units are available in several different configurations: Art Cool™ Mirror wall-mounted, Art Cool Gallery wall-mounted, standard wall-mounted, four-way ceiling cassettes, ceiling-concealed duct (high and low static), and vertical-horizontal air handling models. Multi F MAX systems, released in 2012, can operate up to eight indoor units through two-, three-, or four-port branch distribution units.

Adaptable and Flexible

Multi F outdoor units can be adapted to a wide range of building applications and sizes such as schools, hotels, hospitals, offices, and residences. The system components are lightweight and compact so they can be placed in buildings without expensive cranes, they easily fit into most service elevators, and they can be set in place with minimal structural reinforcements requirements.

Multi F technology allows you to pipe farther by reaching areas of the building that would require the installation of a second system when using traditional direct-expansion cooling and heating equipment. Multi F provides the designer with uncompromised pipe system engineering flexibility—long pipe runs and large elevation differences. Whether your building is a condominium, a hotel, a school, or an office complex, Multi F is best suited to reach the farthest corners and elevations.

Smaller Chases and Plenums

LG Multi F systems use refrigerant piping to move heat, resulting in smaller space requirements for piping as compared to chilled water or roof top systems. This helps reduce the overall construction and material cost of the building, and gives back leasable space. Flexible and logical placement of system components, reduced back-and-forth pipe lengths, and fewer joints lowers installation costs and minimizes potential leaking.

Quality Commitment

LG is committed to the success of DFS projects. We provide technical support during installation and commissioning. LG offers a variety of classes designed for installers and servicers on Multi F installation. Classes are conducted at LG's training centers and in field locations at various times throughout the year and upon special request.



MULTI F

Due to our policy of continuous product innovation, some specifications may change without notification.
©LG Electronics U.S.A., Inc., Englewood Cliffs, NJ. All rights reserved. "LG" is a registered trademark of LG Corp.

PRODUCT INTRODUCTION

“Unit Nomenclature” on page 6

“Outdoor Unit Overview” on page 7

“Indoor Unit Overview” on page 8

“Controls and Options Overview” on page 9

UNIT NOMENCLATURE

Multi-Zone Systems — Indoor Units and Outdoor Units

L	M	AN	12	7	HVT

L = LG
Type: M = Multi-Zone

Component:
AN: Art Cool™ Wall-Mounted Indoor Unit
N: Standard Wall-Mounted Indoor Unit
CN: Four-Way Ceiling-Cassette Indoor Unit
DN: Ceiling-Concealed Duct (Low Static) Indoor Unit
HN: Ceiling-Concealed Duct (High Static) Indoor Unit
VN: Vertical-Horizontal Air Handling Indoor Unit
U: Outdoor Unit

Nominal Capacity
(Nominal cooling capacity in Btu/h):

09 = 9,000	24 = 24,000
12 = 12,000	36 = 36,000
18 = 18,000	54 = 54,000

Generation

Features:
H = Heat Pump
V = Inverter
T = High Wall-Mounted Indoor Unit
P = Art Cool Gallery Indoor Unit

Branch Distribution Units

P	M	BD	36	2	0

P = Part (Accessory)
Type: M = Multi-Zone

BD: Branch Distribution Unit

Family

Number of Port Connections
(Maximum Number of Connectable Indoor Units): 2, 3, 4

Generation: 0, 1

Note:

- *Voltage for all equipment is 208-230V, 60 Hz, 1-phase.*
- *All indoor units are compatible with wired controllers*
- *All outdoor units are LGAP control network compatible with PI-485 V-net Control Integration Board (PMNFP14A0, sold separately).*

Due to our policy of continuous product innovation, some specifications may change without notification.
©LG Electronics U.S.A., Inc., Englewood Cliffs, NJ. All rights reserved. "LG" is a registered trademark of LG Corp.

OUTDOOR UNIT OVERVIEW

Table 1: Summary Data—Multi F / Multi F MAX Outdoor Units

Outdoor Unit Type	Model Number[1]	Dimensions (W x H x D) (inches)	Nominal Cooling Capacity Btu/h[2]	Net Weight (lbs.)	No. of Connectable Indoor Units[3]	Pipe Connections (inches, O.D.) (Liquid, Vapor)
Multi F Dual-Zone 	LMU187HV	34-1/4 x 31-13/16 x 12-19/32	18,000	124	2-2	1/4 x 2 Each, 3/8 x 2 Each
Multi F Tri-Zone 	LMU247HV	34-1/4 x 31-13/16 x 12-19/32	24,000	131	2-3	1/4 x 3 Each, 3/8 x 3 Each
Multi F Quad-Zone 	LMU369HV	35-7/16 x 45-7/8 x 14-9/16	36,000	199	2-4	1/4 x 4 Each, 3/8 x 4 Each
Multi F MAX Eight-Zone 	LMU540HV	37-13/32 x 54-11/32 x 13	54,000	214	2-8	3/8 x 1 Each, 3/4 x 1 Each

[1]Model number shows nominal capacity and frame size designator.

[2]Nominal capacity rating obtained with air entering the indoor unit at 80°F dry bulb (DB) and 67°F wet bulb (WB) and outdoor ambient conditions of 95°F dry bulb (DB) and 75°F wet bulb (WB).

[3]Minimum number of connectable indoor units is two (2).

Due to our policy of continuous product innovation, some specifications may change without notification.
©LG Electronics U.S.A., Inc., Englewood Cliffs, NJ. All rights reserved. "LG" is a registered trademark of LG Corp.

INDOOR UNIT OVERVIEW

Table 2: Summary Data—Multi F Indoor Units.

Indoor Unit Type	Model Number[1]	Dimensions (W x H x D) (inches)	Nominal Cooling Capacity Btu/h[2]	Air Flow Rate (CFM) (H/M/L[3])	Net Weight (lbs.)	Pipe Connections (inches, O.D.) (Liquid, Vapor)
Art Cool™ Mirror Wall-Mounted 	LMAN097HVT	35-1/4 × 11-3/8 × 8-1/16	9,000	247 / 230 / 212	25	1/4, 3/8
	LMAN127HVT		12,000	335 / 318 / 300		
	LMAN187HVT	40-9/16 x 12-25/32 x 9-21/32	18,000	572 / 501 / 434	35	1/4, 1/2
Art Cool™ Gallery Wall-Mounted 	LMAN097HVP	23-5/8 x 23-5/8 x 5-25/32	9,000	272 / 208 / 155	32	1/4, 3/8
	LMAN127HVP		12,000	314 / 258 / 198		
Standard Wall-Mounted 	LMN097HVT	35-1/4 x 11-3/8 x 8-9/32	9,000	247 / 230 / 212	23	1/4, 3/8
	LMN127HVT		12,000	335 / 318 / 300		
	LMN187HVT	40-9/16 x 12-25/32 x 9-27/32	18,000	572 / 501 / 434	32	1/4, 1/2
Ceiling-Concealed Duct (Low Static) 	LMDN095HV	32-9/32 x 7-1/2 x 22-5/8	9,000	300 / 265 / 229	46	1/4, 3/8
	LMDN125HV		12,000	335 / 300 / 265		
	LMDN185HV	43-5/16 x 7-1/2 x 22-5/8	18,000	530 / 477 / 406	59	1/4, 1/2
Ceiling-Concealed Duct (High Static) 	LMHN240HV	46-17/32 x 11-23/32 x 17-23/32	24,000	688 / 618 / 530	80	1/4, 1/2
	LMHN360HV		36,000	1,130 / 953 / 706	91	3/8, 5/8
Four-Way Ceiling Cassette 	LMCN125HV	Body: 22-7/16 x 8-7/16 x 22-7/16 Panel: 27-9/16 x 7/8 x 27-9/16	12,000	335 / 283 / 247	31 (Body), 7 (Panel)	1/4, 3/8
	LMCN185HV	Body: 22-7/16 x 10-3/32 x 22-7/16 Panel: 27-9/16 x 7/8 x 27-9/16	18,000	459 / 424 / 388	34 (Body), 7 (Panel)	1/4, 1/2
Vertical-Horizontal Air Handling 	LMVN240HV	18 x 48-21/32 x 21-1/4	24,000	710 / 640 / 480	117	1/4, 1/2
	LMVN360HV		36,000	990 / 880 / 800	121	3/8, 5/8

[1]Model number shows nominal capacity and frame size designator.

[2]Nominal capacity rating obtained with air entering the indoor unit at 80°F dry bulb (DB) and 67°F wet bulb (WB) and outdoor ambient conditions of 95°F dry bulb (DB) and 75°F wet bulb (WB).

[3]H/M/L = High/Medium/Low.

Due to our policy of continuous product innovation, some specifications may change without notification.
©LG Electronics U.S.A., Inc., Englewood Cliffs, NJ. All rights reserved. "LG" is a registered trademark of LG Corp.

CONTROLS AND OPTIONS OVERVIEW

Table 3: Summary Data—Zone Controllers.

Zone Controller	Name	Model / Part No.	Case Color	Max. Wire Length (ft.)	Description
	Simple Controller with Mode Selection	PQRCVCL0	Black	164	Allows control of indoor unit ON / OFF, operation mode, fan speed, and temperature setpoint for up to 16 indoor units. Included with Ceiling-Concealed Duct (High Static[1]) and Vertical-Horizontal Air Handling[1] indoor units; optional accessory for all other indoor unit types.
		AKB72955816[1]	White		
	Simple Controller with Mode Selection	6711A20116R[2]	White	164	Allows control of indoor unit ON / OFF, operation mode, fan speed, and temperature setpoint for up to 16 indoor units. Included with Ceiling-Concealed Duct (Low Static[2]) indoor units; optional accessory for all other indoor unit types.
	Simple Controller without Mode Selection	PQRCHCA0	Black	164	Allows control of indoor unit ON / OFF, fan speed, and temperature setpoint for up to 16 indoor units.
		PQRCHCA0QW	White		
	LG 7-Day Programmable Thermostat	PREMTB10U	White	164	Allows control of indoor unit ON / OFF, operation mode, occupied / unoccupied temperature setpoints, fan speed, and airflow direction for up to 16 indoor units. Programmable schedule with five events per day.
	Wireless Handheld Controller	AKB73635606[3] AKB73635607[4] AKB73757604[5]	Ivory	-	Allows control of indoor unit ON / OFF, operation mode, fan speed, and temperature setpoint. Also provides subfunction control. Included with Art Cool Mirror[3] and Gallery[4] Wall-Mounted, Standard[3] Wall-Mounted, and Four-Way Cassette[5] indoor units; optional accessory for Duct and Vertical-Horizontal AHU with use of wired controller.
	Wall-Mounted Remote Temperature Sensor	PQRSTA0	Ivory	50	Allows remote temperature measurement for four-way ceiling cassette, ceiling-concealed duct, and vertical-horizontal air handling indoor units.

[1]Simple Mode Controllers for the ceiling-concealed duct (high static) and the vertical-horizontal air handling indoor units are also referenced by Model No. PQRCVCL0QW.

[2]Simple Mode Controllers for the ceiling-concealed duct (low static) indoor units are also referenced by Model No. PQRCUCS0C.

[5]Wireless Handheld Controller for the four-way ceiling cassette indoor units is also referenced by Model No. PQWRHQ0FDB.

Before specifying or placing an order, refer to the V-Net Network Solutions Engineering Product Data Book, and review the detailed technical data provided to fully understand the capabilities and limitations of these devices.

For information on controller capabilities, refer to the Controls and Options Table on page 12.

Due to our policy of continuous product innovation, some specifications may change without notification.
©LG Electronics U.S.A., Inc., Englewood Cliffs, NJ. All rights reserved. "LG" is a registered trademark of LG Corp.

Table 4: Summary Data—Zone Controller Communication Cables.

Communication Cable	Name	Model No.	Max. Wire Length (ft.)	Description
	Wired Remote Group Control Cable Assembly	PZCWRCG3	32	Required when grouping multiple indoor units with a single zone controller.
	Wired Remote / Group Control Extension Cable	PZCWRC1	32	Increases the distance between a remote controller and an indoor unit, or between indoor units in a control group.

Before specifying or placing an order, refer to the V-Net Network Solutions Engineering Product Data Book, and review the detailed technical data provided to fully understand the capabilities and limitations of these devices.

For information on controller capabilities, refer to the Controls and Options Table on page 12.

Table 5: Summary Data—Specialty Application Devices.

Specialty Application Device	Name	Model No.	Connects to	Application	Binary Signals Input / Output	Description
	Dry Contact Unit 24 VAC	PQDSB1	Indoor Unit	ON / OFF, Run Status, Error Status	1 / 2	Enables the indoor unit to be controlled and monitored by third-party controls using binary inputs and outputs.
	Dry Contact Unit for Setback	PQDSBC		ON / OFF, Mode, Controller Lock, Power Save, Run Status, Error Status	2 / 2	
	Dry Contact Unit for Thermostat	PQDSBNGCM1		ON / OFF, Thermo ON / OFF, Mode, Fan Speed, Run Status, Error Status	—	Enables the indoor unit to be controlled and monitored by a third-party thermostat or controller.
	PI-485 V-net Control Integration Board	PMNFP14A0	Outdoor Unit	—	—	Control integration to LG V-net controls (AC Smart Premium, ACP, BACnet, LonWorks, etc.)
	Power Distribution Indicator (PDI) Premium	PQNUD1S41	Comm. BUS	Energy Consumption Monitoring	8 / 0	Monitors total outdoor unit power consumption for up to eight systems, and distributes per indoor unit based on weighted calculation.

Before specifying or placing an order, refer to the V-Net Network Solutions Engineering Product Data Book, and review the detailed technical data provided to fully understand the capabilities and limitations of these devices.

For information on controller capabilities, refer to the Controls and Options Table on page 12.

Due to our policy of continuous product innovation, some specifications may change without notification.
©LG Electronics U.S.A., Inc., Englewood Cliffs, NJ. All rights reserved. "LG" is a registered trademark of LG Corp.

CONTROLS AND OPTIONS OVERVIEW

Table 6: Summary Data—Central Controllers (Connect to the Outdoor Unit Through the PI-485 Board (accessory, sold separately).

Central Controller	Name	Model No.	Devices per Controller	Systems per Comm. BUS	Devices per Comm. BUS	No. of Comm. BUS ports	Binary Signals Input / Output	Power / Connection	Description
	AC Smart Premium	PQCSW421E0A	128	16	128	1	2 DI / 2 DO	24 VAC	Provides for scheduling, auto-changeover, setback, remote controller lock, setpoint range limit, run time limit, web access, email alarm notification, visual floorplan navigation, peak/demand control, software device interlocking, PDI integration, and AC Manager Plus integration advanced functionality in addition to basic unit control and monitoring.
	AC Ez	PQCSZ250S0	32	16	256	1	—	12 VDC / Outdoor Unit	Provides for scheduling in addition to basic indoor unit control and monitoring.
	Advanced Control Platform (ACP) Standard	PQCPC22N1	256	16	64 (128 with PDI Premium)	4	2 / 2	24 VAC	Provides for scheduling, remote controller lock, setpoint range limit, web access, peak / demand control, PDI integration, and AC Manager Plus integration advanced functionality in addition to basic unit control and monitoring.
	Advanced Control Platform (ACP) Premium	PQCPC22A1	256	16	64 (128 with PDI Premium)		10 / 4	24 VAC	

Before specifying or placing an order, refer to the V-Net Network Solutions Engineering Product Data Book, and review the detailed technical data provided to fully understand the capabilities and limitations of these devices.

For information on controller capabilities, refer to the Controls and Options Table on page 12.

Table 7: Summary Data—Integration Solutions (Connect to Outdoor Unit Through the PI-485 Board (accessory, sold separately).

Central Controller	Name	Model No.	Devices per Controller	Systems per Comm. BUS	Devices per Comm. BUS	No. of Comm. BUS ports	Binary Signals Input / Output	Power / Connection	Description
	BACnet® Gateway	PQNFB17C1	256	16	64 (128 with PDI Premium)	4	2 / 2	24 VAC	Allow integration of LG equipment for control and monitoring by open protocol BACnet and LonWorks building automation and controls systems.
	LonWorks® Gateway	PLNWKB100	64	16	64 (128 with PDI Premium)	1	2 / 2	24 VAC	

Before specifying or placing an order, refer to the V-Net Network Solutions Engineering Product Data Book, and review the detailed technical data provided to fully understand the capabilities and limitations of these devices.

For information on controller capabilities, refer to the Controls and Options Table on page 12.

Due to our policy of continuous product innovation, some specifications may change without notification.
©LG Electronics U.S.A., Inc., Englewood Cliffs, NJ. All rights reserved. "LG" is a registered trademark of LG Corp.

CONTROLS AND OPTIONS OVERVIEW

Table 8: Indoor Units—Functions, Controls and Options.

	Indoor Unit Type	ART COOL™ Mirror Wall Mounted	ART COOL™ Gallery	Standard Wall Mounted	Ceiling Concealed (Low Static) Ducted	Ceiling Concealed (High Static) Ducted	Four-Way Ceiling Cassette	Vertical-Horizontal Air Handling Unit
Airflow	Air supply outlets	1	3	1	1	2	4	1
	Airflow direction (left/right)	Auto	Auto	Auto				
	Airflow direction (up/down)	Auto	Auto	Auto			Auto	
	Auto swing (left/right)	√	√	√				
	Auto swing (up/down)	√	√	√			√	
	Airflow steps (fan/cool/heat)	6 / 6 / 6	5 / 5 / 5	6 / 6 / 6	3 / 3 / 3	3 / 3 / 3	4 / 5 / 4	3 / 3 / 3
	Chaos wind (random fan speed)	√	√	√			√	
	Jet-cool/heat	√ / √	√ / √	√ / √			√ / -	
	Swirl wind						√	
	Washable anti-fungal[1]	√	√	√	√	√	√	
	Plasma[2]	√		√			o[3]	
	Ventilation						√[4]	
Operation	Drain pump				√	√	√	
	E.S.P. control				√	√		√
	Electric heater							o
	High ceiling						√	
	Hot Start	√	√	√	√	√	√	√
	Self diagnostics	√	√	√	√	√	√	√
	Soft Dry (dehumidification)	√	√	√	√	√	√	√
	Auto operation	√	√	√	√	√	√	√
	Auto clean (coil dry)	√	√	√				
	Auto restart	√	√	√	√	√	√	√
	Child lock	o	o	o	o	o	o	o
	Forced operation	√	√	√			√	
	Group control – Requires the use of one Group control Cable Kit (PZCWRCG3) for every additional indoor unit	o	o	o	o	o	o	o
	Sleep mode	√	√	√	√	√	√	√
	Timer (on/off)	√	√	√		√	√	√
	Weekly schedule	o	o	o		√	o	√
	Two thermistor control	o	o	o	o	o	o	o
Controllers	7-Day programmable controller	o	o	o	o	o	o	o
	Simple wired remote controller	o	o	o	√	√	o	o
	Wireless LCD remote control	√	√	√	o[5]	o[5]	√	o[5]
	Dry contact	o	o	o	o	o	o	o
	Dry contact (temperature setting)	o	o	o	o	o	o	o
	Central control (LGAP)	√	√	√	√	√	√	√
	Connector for Water Sensor	√	√	√				

[1]Primary washable filters.

[2]Secondary plasma filters.

[3]Branch location and static pressure requirements. Requires PTPKQ0 Plasma kit.

[4]Requires ventilation kit PTVK430 (Temperature, humidity, and volume limitations apply).

[5]Requires wired zone controller.

√ = Standard feature

o = Unit option

Due to our policy of continuous product innovation, some specifications may change without notification.
©LG Electronics U.S.A., Inc., Englewood Cliffs, NJ. All rights reserved. "LG" is a registered trademark of LG Corp.

CONTROLS AND OPTIONS OVERVIEW

Table 9: Multi F MAX Outdoor Unit Accessories Overview.

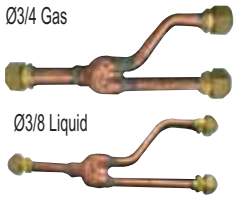
Multi F MAX Accessory	Name	Model No.	Description
	Two-Port Branch Distribution Unit	PMBD3620	Distributes refrigerant from Multi F MAX outdoor unit from one (1) to two (2) indoor units (maximum 24,000 Btu/h for each port).
	Three-Port Branch Distribution Unit	PMBD3630	Distributes refrigerant from Multi F MAX outdoor unit from one (1) to three (3) indoor units (maximum 24,000 Btu/h for each port).
	Four-Port Branch Distribution Unit	PMBD3640	Distributes refrigerant from Multi F MAX outdoor unit from one (1) to four (4) indoor units (maximum 24,000 Btu/h for each port).
		PMBD3641	Distributes refrigerant from Multi F MAX outdoor unit from one (1) to four (4) indoor units (maximum 24,000 Btu/h for ports A,B,C; maximum 36,000 Btu/h for D port).
	Y-branch Kit	PMBL5620	Y-branch Kit for Multi F MAX outdoor unit to connect up to two (2) branch distribution units.

Table 10: Indoor Unit Accessories Overview.

Model No.	Description
For Four-Way Ceiling-Cassette Indoor Units	
PT-UQC	Ceiling Grille
PTPKQ0	Plasma Kit
PTVK430	Ventilation Kit
For Vertical-Horizontal Air Handing Units	
ANEH053B1	5 kW Electric Heater
ANEH103B2	10 kW Electric Heater
For Ceiling-Concealed Duct (High Static) Indoor Units	
ZFBXBG01A	High Efficiency Filter Box
ZFBXD201A	Dynamic V8 2VL Low Profile Air Cleaner
ZPLMV201A	Dynamic 2VL Air Cleaner Low Profile Return Air Plenum
ZFBXD402A	Dynamic V8 4VL Low Profile Air Cleaner
ZPLMV402A	Dynamic 4VL Air Cleaner Low Profile Return Air Plenum
ZFLT1301A	4-Pack Dynamic V8 VL Air Cleaner Replacement Filter Pads
ZFLT1302A	24-Pack Dynamic V8 VL Air Cleaner Replacement Filter Pads
ZGRLRA01A	Dynamic V8 Air Cleaner Louvered Return Air Grille (one per plenum)
ZGRLRA02A	Dynamic V8 Air Cleaner Egg Crate Return Air Grille (one per plenum)

Due to our policy of continuous product innovation, some specifications may change without notification.
©LG Electronics U.S.A., Inc., Englewood Cliffs, NJ. All rights reserved. "LG" is a registered trademark of LG Corp.

Due to our policy of continuous product innovation, some specifications may change without notification.
©LG Electronics U.S.A., Inc., Englewood Cliffs, NJ. All rights reserved. "LG" is a registered trademark of LG Corp.

MULTI F
OUTDOOR UNIT DATA

“Product Features and Benefits” on page 16
“Mechanical Specifications” on page 17
“General Data” on page 18
“Dimensions” on page 20
“Rated Cooling Combination Tables” on page 23
“Rated Heating Combination Tables” on page 26
“Cooling Capacity Tables” on page 29
“Heating Capacity Tables” on page 81
“Electrical Data” on page 116
“Acoustic Data” on page 116
“Refrigerant Flow Diagrams” on page 117
“Wiring Diagrams” on page 120
“Operation Range” on page 123

MULTI F SYSTEMS

Features and Benefits

MULTI F
MULTI F MAX

The multiple piping of Multi F systems can support two, three or four indoor units that are typically mounted in separate rooms. Compact refrigerant pipes work in tandem with wiring to link the outdoor unit with all indoor units directly. Most indoor units include its own remote control, allowing the user to set the temperature individually in different rooms. The indoor units are available in a variety of capacities and styles, including Art Cool™ Mirror and Gallery Wall Mounts, Standard Wall Mount, Four-Way Ceiling Cassette, Horizontal Ceiling Concealed Duct, and Vertical-Horizontal Air Handling models.

Features

- Defrost
- Restart delay (three [3] minutes)
- Self diagnosis
- Soft start
- Inverter (Variable speed compressor)
- Low ambient operation to 14°F (Cooling mode)
- Auto operation / auto restart operation
- Gold Fin™ anti-corrosion
- Outdoor unit includes sufficient refrigerant for charging two (2), three (3), or four (4) indoor units using 24.6 feet of pipe to each

Benefits

- Long refrigerant piping lengths allow for extra design flexibility in indoor unit placement
- Easy installation: Little to no ductwork required; most indoor units can mount on any wall
- Indoor unit and outdoor unit dimensions ensure space saving convenience
- All-season use—heat pump models have both cooling and heating capabilities



Figure 1: Dual-Zone Multi F Heat Pump Inverter System — Mix and match for 9,000-24,000 Btu/h.



Figure 2: Tri-Zone Multi F Heat Pump Inverter System — Mix and match for 12,000-33,000 Btu/h.



Figure 3: Quad-Zone Multi F Heat Pump Inverter System — Mix and match for 18,000-48,000 Btu/h.

Due to our policy of continuous product innovation, some specifications may change without notification.
©LG Electronics U.S.A., Inc., Englewood Cliffs, NJ. All rights reserved. "LG" is a registered trademark of LG Corp.

Multi F Heat Pump Condensing Units

General

A Multi F multi-zone system is comprised of one heat pump outdoor unit connected to two, three, or four indoor units using a shared refrigerant piping circuit between the outdoor unit and each indoor unit, and includes integrated controls supplied by LG. The outdoor unit is internally assembled, wired, and piped from the factory; all LG components are manufactured in a facility registered to ISO 9001 and ISO 14001, set by the International Organization for Standardization (ISO). The LG Multi F multi zone heat pump system components comply with Underwriters Laboratories (UL) 1995 Heating and Cooling Equipment Standard for Safety, and bear the Electrical Testing Laboratories (ETL) mark. The units are certified to AHRI 210 / 240.

Temperature Ranges

The heat pump outdoor units are capable of operating in cooling mode from 14°F to 118°F ambient dry bulb. The heat pump outdoor units are capable of operating in heating mode from 0°F to 64°F ambient wet bulb without additional low ambient controls.

Frame

The Multi F condensing unit case is constructed from pre-coated metal that has been tested in accordance with ASTM B-117 salt spray procedure for a minimum of 1,000 hours. Case has a removable front panel to allow access to major components and control devices, and legs to secure the unit during installation.

Refrigerant System

Multi F systems have a shared refrigerant circuit field piped to multiple (ducted, non-ducted or mixed) indoor units to effectively and efficiently control the heating or cooling operation of the multi zone system. All refrigerant lines from the outdoor unit to the indoor units are field-installed and must be insulated separately.

All Multi F systems use R410A refrigerant. The outdoor units are equipped with a refrigerant strainer, check valves, oil separator, accumulator, four-way reversing valve, electronic expansion valve(s) (EEV), high side and low side refrigerant charging ports, and a service port. Each outdoor unit also includes sensors for suction temperature, discharge temperature, high-pressure, low-pressure, heat exchanger temperature, and outdoor temperature conditions.

Refrigeration Oil Control

The outdoor units have an oil separator to separate oil mixed with the refrigerant gas during compression and return oil to the compressor. The outdoor units also have an oil injection mechanism to ensure a consistent film of oil on all moving compressor parts at low speed.

Compressor

Multi F condensing units are equipped with one hermetically sealed, digitally controlled, inverter driven twin-rotary compressor that includes Teflon™ coated bearings. The inverter motor is capable of providing a modulation range of 20Hz to 100Hz with control in 1Hz increments. The compressor is protected with phase-reversal protection, uses a factory-charge of Polyvinyl Ether (PVE) oil, and is mounted to avoid the transmission of vibration. Compressors in LMU369HV models are equipped with a hot gas bypass valve.

Figure 4: Multi F LMU187HV and LMU247HV Outdoor Units.



Figure 5: Multi F LMU369HV Outdoor Unit.



Fan and Motors

Each 1.5 to 2 ton outdoor unit includes one direct drive variable speed propeller fan with Brushless Digitally Controlled (BLDC) motor with a horizontal air discharge. Each 3 ton outdoor unit includes two direct drive variable speed propeller fans with Brushless Digitally Controlled (BLDC) motor with a horizontal air discharge.

Fan blades are statically and dynamically balanced propeller fans made of durable Acrylonitrile Butadiene Styrene (ABS) plastic, and include a raised fan guard to limit contact with moving parts. The motors have inherent overload protection, permanently lubricated bearings, and a maximum speed up to 950 rpm. All Multi F outdoor units have a horizontal discharge airflow.

Outdoor Unit Coil

The outdoor unit coils are factory-built of aluminum fins mechanically bonded on copper tubing. Coils have a minimum of two rows, a minimum of 14 fins per inch, and have been factory pressure-tested.

Coil fins also have a factory applied corrosion-resistant GoldFin™ material with hydrophilic coating that has been tested in accordance with ASTM B-117 salt spray test procedure for a minimum of 1,000 hours.

Electrical

All Multi F outdoor units shall have 208/230V, 1 phase, 60Hz electrical power capable of operating within ±10% of the rated voltage.

Controls

Factory installed microprocessor controls in the outdoor unit and indoor units shall perform functions to efficiently operate the multi zone system. System wiring must be installed in a tree configuration from outdoor unit to indoor units through four conductor power/transmission cable. The system is capable of performing continuous operation, even when power is turned off to an individual indoor unit.

Due to our policy of continuous product innovation, some specifications may change without notification.
©LG Electronics U.S.A., Inc., Englewood Cliffs, NJ. All rights reserved. "LG" is a registered trademark of LG Corp.

MULTI F OUTDOOR UNIT

General Data

MULTI F
MULTI F MAX

Table 11: Multi F Outdoor Unit Specifications.

Model Number	LMU187HV	LMU247HV	LMU369HV
Rated Cooling Capacity (Btu/h)[1]	15,600	19,200	34,000
Rated Heating Capacity (Btu/h)[1]	17,000	26,400	41,000
Operating Range			
Cooling (°F DB)	14 - 118	14 - 118	14 - 118
Heating (°F WB)	0 - 64	0 - 64	0 - 64
Compressor			
Inverter Quantity	Twin Rotary x 1	Twin Rotary x 1	Twin Rotary x 1
Oil/Type	FVC68D	FVC68D	FVC68D
Fan (Side Discharge)			
Type	Propeller	Propeller	Propeller
Motor Output (W) x Qty.	84 x 1	84 x 1	124 x 2
Motor/Drive	Brushless Digitally Controlled/Direct		
Maximum Air Volume (CFM)	2,119	2,119	2,119 x 2
Unit Data			
Refrigerant Type	R410A	R410A	R410A
Refrigerant Control/Location	EEV/Outdoor Unit	EEV/Outdoor Unit	EEV/Outdoor Unit
Min. Number Indoor Units/System[2]	2	2	2
Max. Number Indoor Units/System[2]	2	3	4
Maximum Allowable Total Indoor Unit Connected Capacity (Btu/h)	24,000	33,000	48,000
Sound Pressure dB(A)[3]	51	51	57
Net Unit Weight (lbs.)	124	131	199
Shipping Weight (lbs.)	133	139	217
Power Wiring / Communication Cables[4] (No. x AWG)	4 x 18	4 x 18	4 x 18
Heat Exchanger			
Material and Fin Coating	Copper Tube/Aluminum Fin and GoldFin™/Hydrophilic		
Rows/Columns/Fins per inch x Qty.	(2 x 36 x 16) x 1	(2 x 36 x 16) x 1	(2 x 26 x 17) x 2
Piping			
Liquid Line Connection (in., OD) x Qty.	1/4 x 2	1/4 x 3	1/4 x 4
Vapor Line Connection (in., OD) x Qty.	3/8 x 2	3/8 x 3	3/8 x 4
Factory Charge lbs. of R410A	4.19	4.63	7.72
Piping Lengths			
Maximum Total Piping (ft)[5]	164.0	246.1	246.1
Maximum Outdoor Unit to Indoor Unit Piping (ft)	82.0	82.0	82.0
Piping Length (No Additional Refrigerant [ft])	49.2	73.8	98.4
Maximum Elevation between Outdoor Unit and Indoor Unit (ft)	49.2	49.2	49.2
Maximum Elevation between Indoor Unit and Indoor Unit (ft)	24.6	24.6	24.6

[1]Rated capacity applied with non-ducted indoor units, and is rated 0 ft. above sea level with 25 ft. of refrigerant line per indoor unit and a 0 ft. level difference between outdoor and indoor units. All capacities are net with a combination ratio between 95 – 105%.

Rated cooling capacity obtained with air entering the indoor unit at 80°F dry bulb (DB) and 67°F wet bulb (WB) and outdoor ambient conditions of 95°F dry bulb (DB) and 75°F wet bulb (WB).
Rated heating capacity obtained with air entering the indoor unit at 70°F dry bulb (DB) and 60°F wet bulb (WB) and outdoor ambient conditions of 47°F dry bulb (DB) and 43°F wet bulb (WB).

[2]At least two indoor units should be connected. For allocated capacity information, see the combination tables on pages 23 to 28.

[3]Sound pressure levels are tested in an anechoic chamber under ISO Standard 3745 and are the same in both cooling and heating mode. These values can increase due to ambient conditions during operation.

[4]All power wiring / communication cable to be minimum 18 AWG, 4-conductor, stranded, shielded, and must comply with applicable local and national codes. For detailed electrical information, please refer to electric characteristics on page 116.

[5]Piping lengths are equivalent.

Due to our policy of continuous product innovation, some specifications may change without notification.
©LG Electronics U.S.A., Inc., Englewood Cliffs, NJ. All rights reserved. "LG" is a registered trademark of LG Corp.

MULTI F OUTDOOR UNIT

General Data

Table 12: LMU187HV Efficiency Ratings.[1,2]

System	Combined With	Rated Cooling Capacity (Btu/h)	EER (95°F)	SEER	Rated Heating Capacity (Btu/h)	COP (47°F)	HSPF	Low Heating Capacity (Btu/h)	COP (17°F)	Energy Star
LMU187HV	Non-ducted Indoor Units	15,600	14.00	21.0	17,000	3.90	9.20	10,000	2.9	Yes
	Ducted Indoor Units	14,800	11.90	17.7	16,800	3.80	8.80	9,900	2.8	No
	Mixed Non-ducted and Ducted Indoor Units	15,200	12.95	19.35	16,900	3.9	9.00	9,950	2.8	No

Table 13: LMU247HV Efficiency Ratings.[1,2,]

System	Combined With	Rated Cooling Capacity (Btu/h)	EER (95°F)	SEER	Rated Heating Capacity (Btu/h)	COP (47°F)	HSPF	Low Heating Capacity (Btu/h)	COP (17°F)	Energy Star
LMU247HV	Non-ducted Indoor Units	19,200	13.40	21.7	26,400	3.50	9.40	16,200	2.6	Yes
	Ducted Indoor Units	18,000	11.80	16.4	26,200	3.40	8.50	16,400	2.6	No
	Mixed Non-ducted and Ducted Indoor Units	18,600	12.60	19.05	26,300	3.50	8.95	16,300	2.6	No

Table 14: LMU369HV Efficiency Ratings.[1,2]

System	Combined With	Rated Cooling Capacity (Btu/h)	EER (95°F)	SEER	Rated Heating Capacity (Btu/h)	COP (47°F)	HSPF	Low Heating Capacity (Btu/h)	COP (17°F)	Energy Star
LMU369HV	Non-ducted Indoor Units	34,000	12.50	17.5	41,000	3.40	10.5	26,000	2.4	Yes
	Ducted Indoor Units	34,000	12.00	16.5	41,000	3.20	9.5	27,400	2.6	No
	Mixed Non-ducted and Ducted Indoor Units	34,000	12.25	17.0	41,000	3.30	10.0	26,700	2.5	No

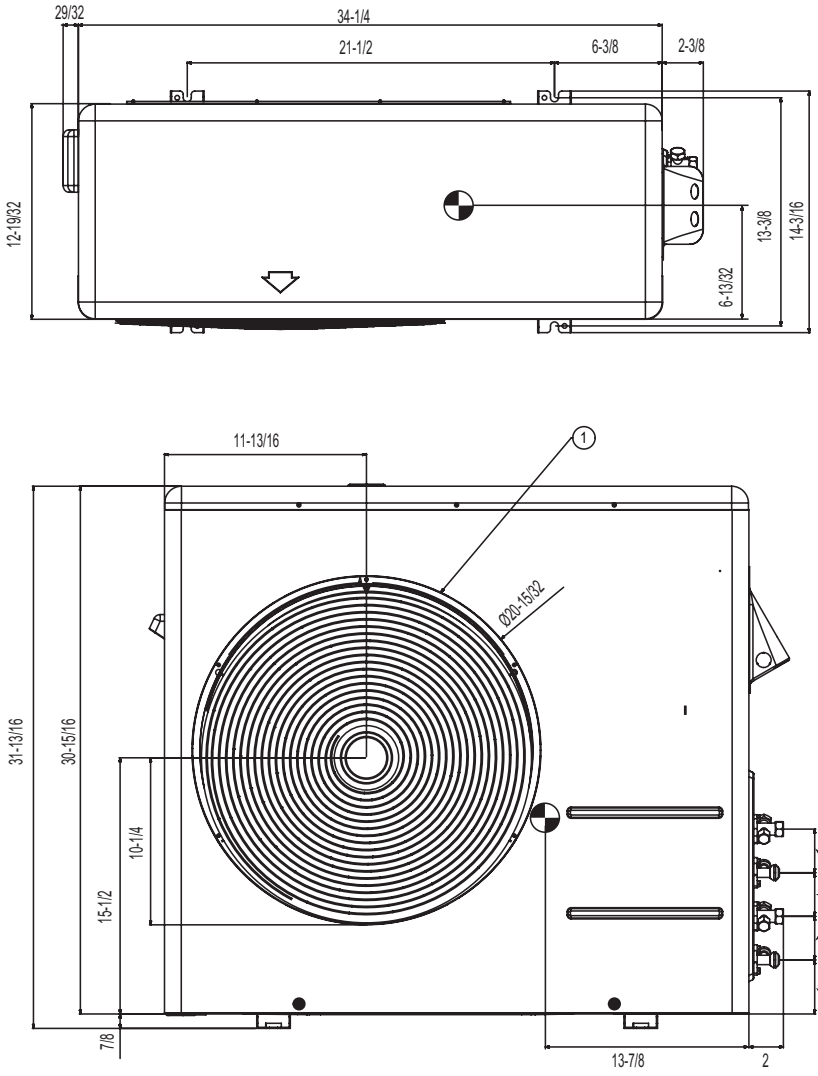
[1]Rated capacity is rated 0 ft. above sea level with 25 ft. of refrigerant line per indoor unit and a 0 ft. level difference between outdoor and indoor units. All capacities are net with a combination ratio between 95 – 105%.
Rated cooling capacity rating obtained with air entering the indoor unit at 80ºF dry bulb (DB) and 67ºF wet bulb (WB) and outdoor ambient conditions of 95ºF dry bulb (DB) and 75ºF wet bulb (WB).
Rated heating capacity rating obtained with air entering the indoor unit at 70ºF dry bulb (DB) and 60ºF wet bulb (WB) and outdoor ambient conditions of 47ºF dry bulb (DB) and 43ºF wet bulb (WB).
[2]Rated capacity is certified under AHRI Standard 210 / 240. EER, IEER, COP, and HSPF are subject to change. See www.ahrinet.org for the latest values.

Due to our policy of continuous product innovation, some specifications may change without notification.
©LG Electronics U.S.A., Inc., Englewood Cliffs, NJ. All rights reserved. "LG" is a registered trademark of LG Corp.

MULTI F OUTDOOR UNIT

Dimensions

Figure 6: LMU187HV External Dimensions.



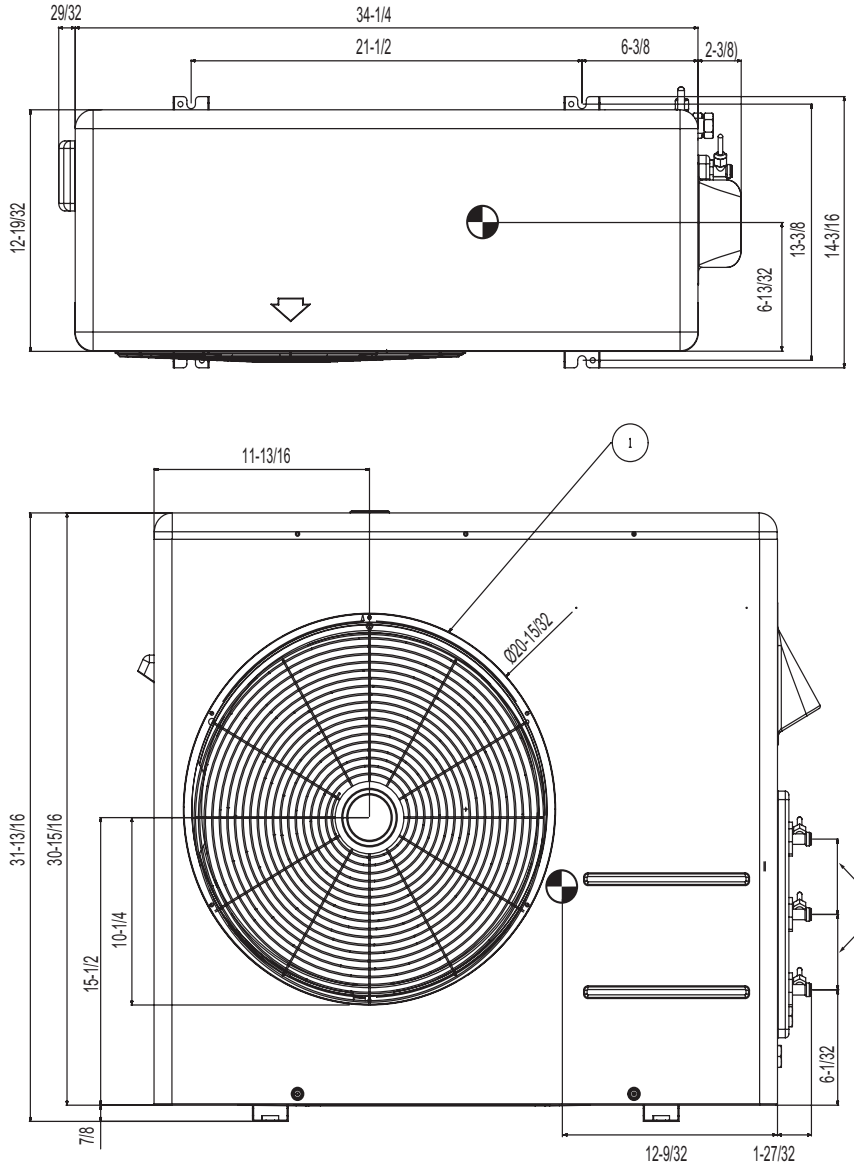
No.	Part Name
1	Air discharge grille
2	Gas pipe connection
3	Liquid pipe connection
4	Power & transmission connection
5	Earth screw

Due to our policy of continuous product innovation, some specifications may change without notification.
©LG Electronics U.S.A., Inc., Englewood Cliffs, NJ. All rights reserved. "LG" is a registered trademark of LG Corp.

MULTI F OUTDOOR UNIT

Dimensions

Figure 7: LMU247HV External Dimensions.



No.	Part Name
1	Air discharge grille
2	Gas pipe connection
3	Liquid pipe connection
4	Power & transmission connection
5	Earth screw
6	Main service valve (Liquid)
7	Main service valve (Gas)

Unit: Inch

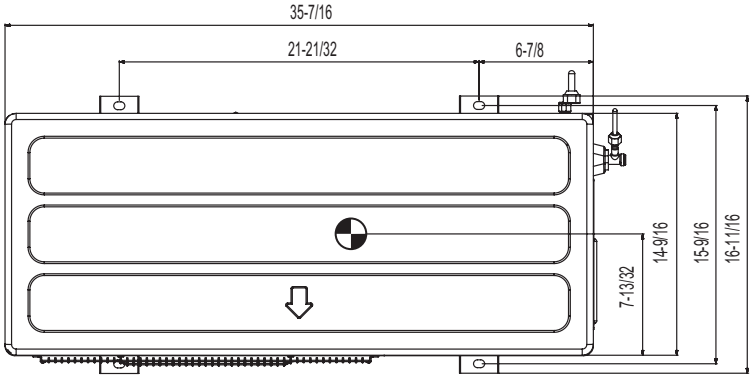
Center of Gravity

Due to our policy of continuous product innovation, some specifications may change without notification.
©LG Electronics U.S.A., Inc., Englewood Cliffs, NJ. All rights reserved. "LG" is a registered trademark of LG Corp.

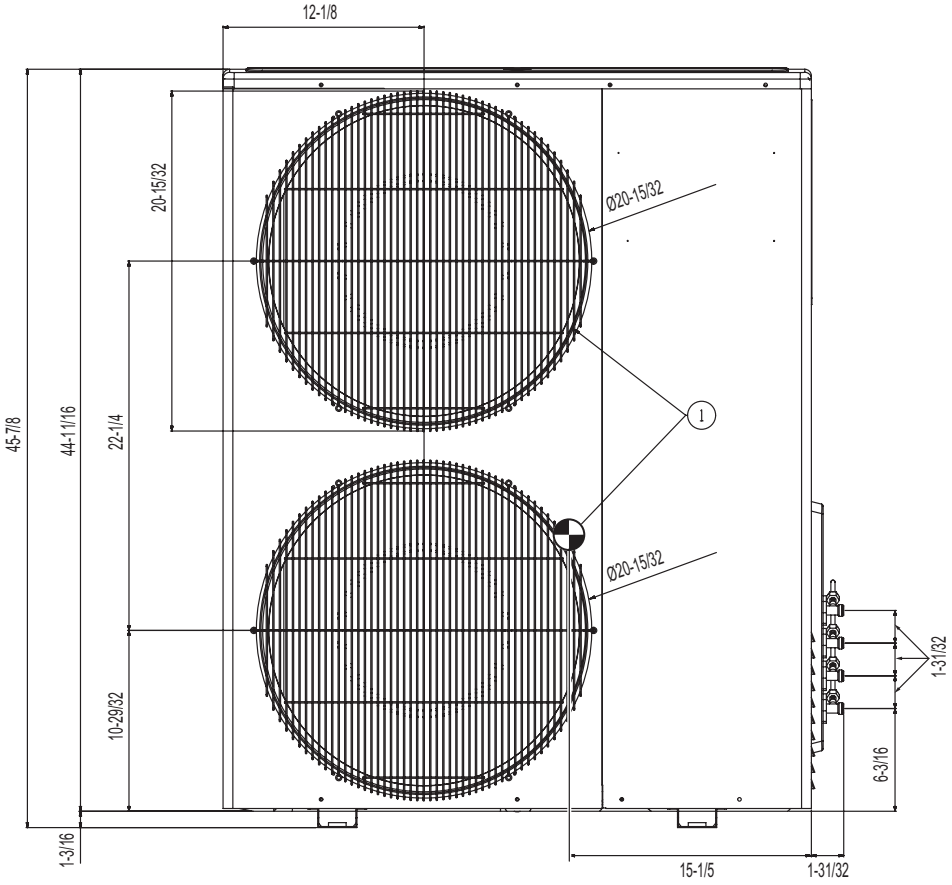
MULTI F OUTDOOR UNIT

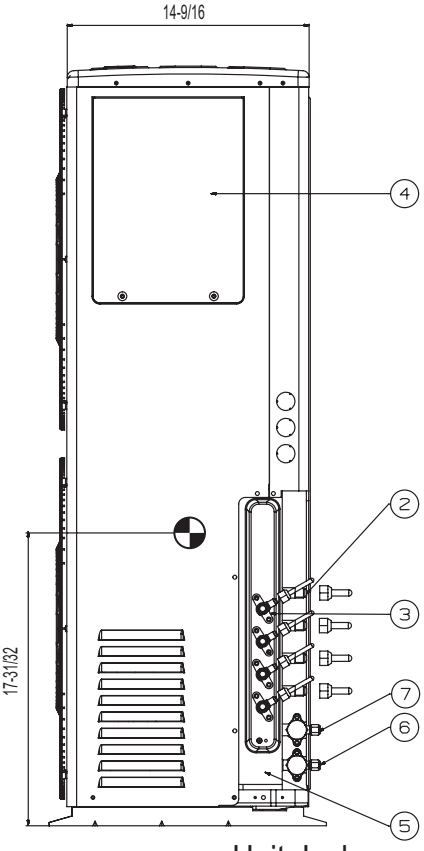
Dimensions

Figure 8: LMU369HV External Dimensions.



No.	Part Name
1	Air discharge grille
2	Gas pipe connection
3	Liquid pipe connection
4	Power & transmission connection
5	Earth screw
6	Main service valve (Liquid)
7	Main service valve (Gas)





Unit: Inch

Center of Gravity

Due to our policy of continuous product innovation, some specifications may change without notification.
©LG Electronics U.S.A., Inc., Englewood Cliffs, NJ. All rights reserved. "LG" is a registered trademark of LG Corp.

PERFORMANCE DATA

Rated Cooling Combination Tables

Table 15: LMU187HV with Non-Ducted, Ducted, and Mixed Indoor Units — Rated Cooling Combination Table.

No. of Indoor Units	Indoor Unit Combination (kBtu/h)					Room Capacity				Total Capacity						Input (W)			EER	SEER
	IDU 1	IDU 2	IDU 3	IDU 4	Total	Unit 1 (Btu/h)	Unit 2 (Btu/h)	Unit 3 (Btu/h)	Unit 4 (Btu/h)	Minimum		Rated		Maximum		Min.	Rated	Max.		
										Btu/h	kW	Btu/h	kW	Btu/h	kW					
Non-Ducted Indoor Units																				
Two Units	9	9	-	-	18	7,800	7,800	-	-	10,798	3.16	15,600	4.57	19,000	5.57	924	1,118	2,370	14.0	21.0
	9	12	-	-	21	6,686	8,914	-	-	10,798	3.16	15,600	4.57	19,000	5.57	924	1,118	2,370	14.0	21.0
	12	12	-	-	24	7,800	7,800	-	-	10,798	3.16	15,600	4.57	19,000	5.57	924	1,118	2,370	14.0	21.0
Ducted Indoor Units																				
Two Units	9	9	-	-	18	7,400	7,400	-	-	10,798	3.16	14,800	4.34	19,000	5.57	945	1,244	2,370	11.9	17.7
	9	12	-	-	21	6,343	8,457	-	-	10,798	3.16	14,800	4.34	19,000	5.57	945	1,244	2,370	11.9	17.7
	12	12	-	-	24	7,400	7,400	-	-	10,798	3.16	14,800	4.34	19,000	5.57	945	1,244	2,370	11.9	17.7
Mixed Indoor Units																				
Two Units	9	9	-	-	18	7,600	7,600	-	-	10,798	3.16	15,200	4.46	19,000	5.57	935	1,181	2,370	12.95	19.35
	9	12	-	-	21	6,515	8,685	-	-	10,798	3.16	15,200	4.46	19,000	5.57	935	1,181	2,370	12.95	19.35
	12	12	-	-	24	7,600	7,600	-	-	10,798	3.16	15,200	4.46	19,000	5.57	935	1,181	2,370	12.95	19.35

[1]Capacity as rated: 0 ft. above sea level with 25 ft. of refrigerant piping. 0 ft. level difference between outdoor and indoor units.

[2]Cooling capacity rating obtained with air entering the indoor unit at 80ºF dry bulb (DB) and 67ºF wet bulb (WB), and outdoor ambient conditions of 95ºF dry bulb (DB) and 75ºF wet bulb (WB).

[3]Wiring cable size must comply with the applicable local and national codes.

[4]The specification may be subject to change without prior notice for purpose of improvement.

[5]At least two indoor units should be connected.

Table 16: LMU247HV with Non-Ducted, Ducted, and Mixed Indoor Units — Rated Cooling Combination Table.

No. of Indoor Units	Indoor Unit Combination (kBtu/h)					Room Capacity				Total Capacity						Input (W)			EER	SEER
	IDU 1	IDU 2	IDU 3	IDU 4	Total	Unit 1 (Btu/h)	Unit 2 (Btu/h)	Unit 3 (Btu/h)	Unit 4 (Btu/h)	Minimum		Rated		Maximum		Min.	Rated	Max.		
										Btu/h	kW	Btu/h	kW	Btu/h	kW					
Non-Ducted Indoor Units																				
Two Units	9	9	-	-	18	8,500	8,500	-	-	10,798	3.16	17,000	4.98	19,800	5.80	1,002	1,349	2,560	12.6	19.0
	9	12	-	-	21	7,586	10,114	-	-	11,100	3.25	17,700	5.19	23,100	6.77	1,044	1,383	2,830	12.8	19.0
	12	12	-	-	24	9,600	9,600	-	-	11,400	3.34	19,200	5.63	25,500	7.47	1,194	1,469	3,090	13.1	19.0
	9	18	-	-	27	6,400	12,800	-	-	11,400	3.34	19,200	5.63	27,500	8.06	1,284	1,469	3,090	13.1	19.0
	12	18	-	-	30	7,680	11,520	-	-	11,400	3.34	19,200	5.63	27,500	8.06	1,284	1,469	3,090	13.1	19.0
Three Units	9	9	9	-	27	6,400	6,400	6,400	-	11,700	3.43	19,200	5.63	28,800	8.44	1,200	1,431	3,050	13.4	21.7
	9	9	12	-	30	5,760	5,760	7,680	-	11,700	3.43	19,200	5.63	28,800	8.44	1,200	1,431	3,050	13.4	21.7
	9	12	12	-	33	5,236	6,982	6,982	-	11,700	3.43	19,200	5.63	28,800	8.44	1,200	1,431	3,050	13.4	21.7
Ducted Indoor Units																				
Two Units	9	9	-	-	18	8,300	8,300	-	-	10,798	3.16	16,600	4.87	19,800	5.80	1,042	1,495	2,560	11.1	14.4
	9	12	-	-	21	7,286	9,714	-	-	12,000	3.52	17,000	4.98	23,100	6.77	1,084	1,504	2,830	11.3	14.4
	12	12	-	-	24	9,000	9,000	-	-	12,300	3.60	18,000	5.28	25,500	7.47	1,234	1,565	3,090	11.5	14.4
	9	18	-	-	27	6,000	12,000	-	-	12,300	3.60	18,000	5.28	27,500	8.06	1,324	1,565	3,090	11.5	14.4
	12	18	-	-	30	7,200	10,800	-	-	12,300	3.60	18,000	5.28	27,500	8.06	1,324	1,565	3,090	11.5	14.4
Three Units	9	9	9	-	27	6,000	6,000	6,000	-	12,300	3.60	18,000	5.28	28,800	8.44	1,260	1,525	3,050	11.8	16.4
	9	9	12	-	30	5,400	5,400	7,200	-	12,300	3.60	18,000	5.28	28,800	8.44	1,260	1,525	3,050	11.8	16.4
	9	12	12	-	33	4,910	6,545	6,545	-	12,300	3.60	18,000	5.28	28,800	8.44	1,260	1,525	3,050	11.8	16.4
Mixed Indoor Units																				
Two Units	9	9	-	-	18	8,400	8,400	-	-	10,798	3.16	16,800	4.93	19,800	5.80	1,022	1,422	2,560	11.9	16.7
	9	12	-	-	21	7,436	9,914	-	-	11,550	3.39	17,350	5.09	23,100	6.77	1,064	1,444	2,830	12.1	16.7
	12	12	-	-	24	9,300	9,300	-	-	11,850	3.47	18,600	5.46	25,500	7.47	1,214	1,517	3,090	12.3	16.7
	9	18	-	-	27	6,200	12,400	-	-	11,850	3.47	18,600	5.46	27,500	8.06	1,304	1,517	3,090	12.3	16.7
	12	18	-	-	30	7,440	11,160	-	-	11,850	3.47	18,600	5.46	27,500	8.06	1,304	1,517	3,090	12.3	16.7
Three Units	9	9	9	-	27	6,200	6,200	6,200	-	12,000	3.52	18,600	5.46	28,800	8.44	1,230	1,478	3,050	12.6	19.05
	9	9	12	-	30	5,580	5,580	7,440	-	12,000	3.52	18,600	5.46	28,800	8.44	1,230	1,478	3,050	12.6	19.05
	9	12	12	-	33	5,073	6,764	6,764	-	12,000	3.52	18,600	5.46	28,800	8.44	1,230	1,478	3,050	12.6	19.05

[1]Capacity as rated: 0 ft. above sea level with 25 ft. of refrigerant piping. 0 ft. level difference between outdoor and indoor units.

[2]Cooling capacity rating obtained with air entering the indoor unit at 80ºF dry bulb (DB) and 67ºF wet bulb (WB), and outdoor ambient conditions of 95ºF dry bulb (DB) and 75ºF wet bulb (WB).

[3]Wiring cable size must comply with the applicable local and national codes.

[4]The specification may be subject to change without prior notice for purpose of improvement.

[5]At least two indoor units should be connected.

Due to our policy of continuous product innovation, some specifications may change without notification.
©LG Electronics U.S.A., Inc., Englewood Cliffs, NJ. All rights reserved. "LG" is a registered trademark of LG Corp.

PERFORMANCE DATA

Rated Cooling Combination Tables

Table 17: LMU369HV with Non-Ducted and Ducted Indoor Units — Rated Cooling Combination Table.

No. of Indoor Units	Indoor Unit Combination (kBtu/h)					Room Capacity				Total Capacity						Input (W)			EER	SEER
	IDU 1	IDU 2	IDU 3	IDU 4	Total	Unit 1 (Btu/h)	Unit 2 (Btu/h)	Unit 3 (Btu/h)	Unit 4 (Btu/h)	Minimum		Rated		Maximum		Min.	Rated	Max.		
										Btu/h	kW	Btu/h	kW	Btu/h	kW					
Non-Ducted Indoor Units																				
Two Units	9	9	-	-	18	9,000	9,000	-	-	10,798	3.16	18,000	5.28	19,800	5.80	1,140	1,900	2,586	9.5	13.5
	9	12	-	-	21	9,000	12,000	-	-	12,597	3.69	21,000	6.15	23,100	6.77	1,266	2,110	2,872	10.0	14.1
	12	12	-	-	24	12,000	12,000	-	-	14,397	4.22	24,000	7.03	26,400	7.74	1,392	2,320	3,158	10.3	14.7
	9	18	-	-	27	9,000	18,000	-	-	16,197	4.75	27,000	7.91	29,700	8.70	1,452	2,420	3,294	11.2	15.8
	12	18	-	-	30	12,000	18,000	-	-	17,996	5.27	30,000	8.79	33,000	9.67	1,560	2,600	3,539	11.5	16.4
	18	18	-	-	36	16,500	16,500	-	-	19,796	5.80	33,000	9.67	36,300	10.64	1,728	2,880	3,920	11.5	17.1
Three Units	9	9	9	-	27	9,000	9,000	9,000	-	16,197	4.75	27,000	7.91	29,700	8.70	1,452	2,420	3,294	11.2	15.8
	9	9	12	-	30	9,000	9,000	12,000	-	17,996	5.27	30,000	8.79	33,000	9.67	1,560	2,600	3,539	11.5	16.4
	9	12	12	-	33	9,000	12,000	12,000	-	19,796	5.80	33,000	9.67	36,300	10.64	1,644	2,740	3,729	12.0	17.1
	12	12	12	-	36	11,333	11,333	11,333	-	20,396	5.98	34,000	9.96	37,400	10.96	1,632	2,720	3,702	12.5	17.5
	9	9	18	-	36	8,500	8,500	17,000	-	20,396	5.98	34,000	9.96	37,400	10.96	1,632	2,720	3,702	12.5	17.5
	9	12	18	-	39	7,846	10,462	15,692	-	20,396	5.98	34,000	9.96	37,400	10.96	1,632	2,720	3,702	12.5	17.5
	12	12	18	-	42	9,714	9,714	14,571	-	20,396	5.98	34,000	9.96	37,400	10.96	1,632	2,720	3,702	12.5	17.5
	9	18	18	-	45	6,800	13,600	13,600	-	20,396	5.98	34,000	9.96	37,400	10.96	1,632	2,720	3,702	12.5	17.5
	12	18	18	-	48	8,500	12,750	12,750	-	20,396	5.98	34,000	9.96	37,400	10.96	1,632	2,720	3,702	12.5	17.5
Four Units	9	9	9	9	36	8,500	8,500	8,500	8,500	20,396	5.98	34,000	9.96	37,400	10.96	1,632	2,720	3,702	12.5	17.5
	9	9	9	12	39	7,846	7,846	7,846	10,462	20,396	5.98	34,000	9.96	37,400	10.96	1,632	2,720	3,702	12.5	17.5
	9	9	12	12	42	7,286	7,286	9,714	9,714	20,396	5.98	34,000	9.96	37,400	10.96	1,632	2,720	3,702	12.5	17.5
	9	12	12	12	45	6,800	9,067	9,067	9,067	20,396	5.98	34,000	9.96	37,400	10.96	1,632	2,720	3,702	12.5	17.5
	9	9	9	18	45	6,800	6,800	6,800	13,600	20,396	5.98	34,000	9.96	37,400	10.96	1,632	2,720	3,702	12.5	17.5
	9	9	12	18	48	6,375	6,375	8,500	12,750	20,396	5.98	34,000	9.96	37,400	10.96	1,632	2,720	3,702	12.5	17.5
	12	12	12	12	48	8,500	8,500	8,500	8,500	20,396	5.98	34,000	9.96	37,400	10.96	1,632	2,720	3,702	12.5	17.5
Ducted Indoor Units																				
Two Units	9	9	-	-	18	9,000	9,000	-	-	10,798	3.16	18,000	5.28	19,800	5.80	1,188	1,980	2,695	9.1	12.7
	9	12	-	-	21	9,000	12,000	-	-	12,597	3.69	21,000	6.15	23,100	6.77	1,320	2,200	2,995	9.5	13.4
	12	12	-	-	24	12,000	12,000	-	-	14,397	4.22	24,000	7.03	26,400	7.74	1,452	2,420	3,294	9.9	13.9
	9	18	-	-	27	9,000	18,000	-	-	16,197	4.75	27,000	7.91	29,700	8.70	1,518	2,530	3,443	10.7	14.9
	12	18	-	-	30	12,000	18,000	-	-	17,996	5.27	30,000	8.79	33,000	9.67	1,626	2,710	3,688	11.1	15.5
	24	9			33	24,000	9,000	-	-	19,796	5.80	33,000	9.67	35,200	10.32	1,800	3,000	3,925	11.0	15.4
	18	18	-	-	36	16,500	16,500	-	-	19,796	5.80	33,000	9.67	36,300	10.64	1,800	3,000	4,083	11.0	15.4
	24	12	-	-	36	22,000	11,000	-	-	19,796	5.80	33,000	9.67	36,300	10.64	1,800	3,000	4,083	11.0	15.4
Three Units	9	9	9	-	27	9,000	9,000	9,000	-	16,197	4.75	27,000	7.91	29,700	8.70	1,518	2,530	3,443	10.7	14.9
	9	9	12	-	30	9,000	9,000	12,000	-	17,996	5.27	30,000	8.79	33,000	9.67	1,626	2,710	3,688	11.1	15.5
	9	12	12	-	33	9,000	12,000	12,000	-	19,796	5.80	33,000	9.67	36,300	10.64	1,716	2,860	3,892	11.5	16.2
	12	12	12	-	36	11,333	11,333	11,333	-	20,396	5.98	34,000	9.96	37,400	10.96	1,704	2,840	3,865	12.0	16.5
	9	9	18	-	36	8,500	8,500	17,000	-	20,396	5.98	34,000	9.96	37,400	10.96	1,704	2,840	3,865	12.0	16.5
	9	12	18	-	39	7,846	10,462	15,692	-	20,396	5.98	34,000	9.96	37,400	10.96	1,704	2,840	3,865	12.0	16.5
	12	12	18	-	42	9,714	9,714	14,571	-	20,396	5.98	34,000	9.96	37,400	10.96	1,704	2,840	3,865	12.0	16.5
	9	18	18	-	45	6,800	13,600	13,600	-	20,396	5.98	34,000	9.96	37,400	10.96	1,704	2,840	3,865	12.0	16.5
	12	18	18	-	48	8,500	12,750	12,750	-	20,396	5.98	34,000	9.96	37,400	10.96	1,704	2,840	3,865	12.0	16.5
Four Units	9	9	9	9	36	8,500	8,500	8,500	8,500	20,396	5.98	34,000	9.96	37,400	10.96	1,704	2,840	3,865	12.0	16.5
	9	9	9	12	39	7,846	7,846	7,846	10,462	20,396	5.98	34,000	9.96	37,400	10.96	1,704	2,840	3,865	12.0	16.5
	9	9	12	12	42	7,286	7,286	9,714	9,714	20,396	5.98	34,000	9.96	37,400	10.96	1,704	2,840	3,865	12.0	16.5
	9	12	12	12	45	6,800	9,067	9,067	9,067	20,396	5.98	34,000	9.96	37,400	10.96	1,704	2,840	3,865	12.0	16.5
	9	9	9	18	45	6,800	6,800	6,800	13,600	20,396	5.98	34,000	9.96	37,400	10.96	1,704	2,840	3,865	12.0	16.5
	9	9	12	18	48	6,375	6,375	8,500	12,750	20,396	5.98	34,000	9.96	37,400	10.96	1,704	2,840	3,865	12.0	16.5
	12	12	12	12	48	8,500	8,500	8,500	8,500	20,396	5.98	34,000	9.96	37,400	10.96	1,704	2,840	3,865	12.0	16.5

[1]Capacity as rated: 0 ft. above sea level with 25 ft. of refrigerant piping. 0 ft. level difference between outdoor and indoor units.

[2]Cooling capacity rating obtained with air entering the indoor unit at 80°F dry bulb (DB) and 67°F wet bulb (WB), and outdoor ambient conditions of 95°F dry bulb (DB) and 75°F wet bulb (WB).

[3]Wiring cable size must comply with the applicable local and national codes.

[4]The specification may be subject to change without prior notice for purpose of improvement.

[5]At least two indoor units should be connected.

Due to our policy of continuous product innovation, some specifications may change without notification.
©LG Electronics U.S.A., Inc., Englewood Cliffs, NJ. All rights reserved. "LG" is a registered trademark of LG Corp.

PERFORMANCE DATA

Rated Cooling Combination Tables

Table 18: LMU369HV with Mixed Indoor Units — Rated Cooling Combination Table.

No. of Indoor Units	Indoor Unit Combination (kBtu/h)					Room Capacity				Total Capacity						Input (W)			EER	SEER
	IDU 1	IDU 2	IDU 3	IDU 4	Total	Unit 1 (Btu/h)	Unit 2 (Btu/h)	Unit 3 (Btu/h)	Unit 4 (Btu/h)	Minimum		Rated		Maximum		Min.	Rated	Max.		
										Btu/h	kW	Btu/h	kW	Btu/h	kW					
Mixed Indoor Units																				
Two Units	9	9	-	-	18	9,000	9,000	-	-	10,798	3.16	18,000	5.28	19,800	5.80	1,164	1,940	2,641	9.3	13.1
	9	12	-	-	21	9,000	12,000	-	-	12,597	3.69	21,000	6.15	23,100	6.77	1,293	2,155	2,934	9.7	13.8
	12	12	-	-	24	12,000	12,000	-	-	14,397	4.22	24,000	7.03	26,400	7.74	1,422	2,370	3,226	10.1	14.3
	9	18	-	-	27	9,000	18,000	-	-	16,197	4.75	27,000	7.91	29,700	8.70	1,485	2,475	3,369	10.9	15.4
	12	18	-	-	30	12,000	18,000	-	-	17,996	5.27	30,000	8.79	33,000	9.67	1,593	2,655	3,614	11.3	16.0
	24	9			33	24,000	9,000	-	-	19,796	5.80	33,000	9.67	35,200	10.32	1,764	2,940	3,876	11.2	15.8
	18	18	-	-	36	16,500	16,500	-	-	19,796	5.80	33,000	9.67	36,300	10.64	1,764	2,940	4,002	11.2	15.8
	24	12	-	-	36	22,000	11,000	-	-	19,796	5.80	33,000	9.67	36,300	10.64	1,764	2,940	4,002	11.2	15.8
Three Units	9	9	9	-	27	9,000	9,000	9,000	-	16,197	4.75	27,000	7.91	29,700	8.70	1,485	2,475	3,369	10.9	15.4
	9	9	12	-	30	9,000	9,000	12,000	-	17,996	5.27	30,000	8.79	33,000	9.67	1,593	2,655	3,614	11.3	16.0
	9	12	12	-	33	9,000	12,000	12,000	-	19,796	5.80	33,000	9.67	36,300	10.64	1,680	2,800	3,811	11.8	16.7
	12	12	12	-	36	11,333	11,333	11,333	-	20,396	5.98	34,000	9.96	37,400	10.96	1,668	2,780	3,784	12.25	17.0
	9	9	18	-	36	8,500	8,500	17,000	-	20,396	5.98	34,000	9.96	37,400	10.96	1,668	2,780	3,784	12.25	17.0
	9	12	18	-	39	7,846	10,462	15,692	-	20,396	5.98	34,000	9.96	37,400	10.96	1,668	2,780	3,784	12.25	17.0
	12	12	18	-	42	9,714	9,714	14,571	-	20,396	5.98	34,000	9.96	37,400	10.96	1,668	2,780	3,784	12.25	17.0
	9	18	18	-	45	6,800	13,600	13,600	-	20,396	5.98	34,000	9.96	37,400	10.96	1,668	2,780	3,784	12.25	17.0
	12	18	18	-	48	8,500	12,750	12,750	-	20,396	5.98	34,000	9.96	37,400	10.96	1,668	2,780	3,784	12.25	17.0
Four Units	9	9	9	9	36	8,500	8,500	8,500	8,500	20,396	5.98	34,000	9.96	37,400	10.96	1,668	2,780	3,784	12.25	17.0
	9	9	9	12	39	7,846	7,846	7,846	10,462	20,396	5.98	34,000	9.96	37,400	10.96	1,668	2,780	3,784	12.25	17.0
	9	9	12	12	42	7,286	7,286	9,714	9,714	20,396	5.98	34,000	9.96	37,400	10.96	1,668	2,780	3,784	12.25	17.0
	9	12	12	12	45	6,800	9,067	9,067	9,067	20,396	5.98	34,000	9.96	37,400	10.96	1,668	2,780	3,784	12.25	17.0
	9	9	9	18	45	6,800	6,800	6,800	13,600	20,396	5.98	34,000	9.96	37,400	10.96	1,668	2,780	3,784	12.25	17.0
	9	9	12	18	48	6,375	6,375	8,500	12,750	20,396	5.98	34,000	9.96	37,400	10.96	1,668	2,780	3,784	12.25	17.0
	12	12	12	12	48	8,500	8,500	8,500	8,500	20,396	5.98	34,000	9.96	37,400	10.96	1,668	2,780	3,784	12.25	17.0

[1]Capacity as rated: 0 ft. above sea level with 25 ft. of refrigerant piping.
0 ft. level difference between outdoor and indoor units.

[2]Cooling capacity rating obtained with air entering the indoor unit at 80ºF dry bulb (DB) and 67ºF wet bulb (WB), and outdoor ambient conditions of 95ºF dry bulb (DB) and 75ºF wet bulb (WB).

[3]Wiring cable size must comply with the applicable local and national codes.

[4]The specification may be subject to change without prior notice for purpose of improvement.

[5]At least two indoor units should be connected.

Due to our policy of continuous product innovation, some specifications may change without notification.
©LG Electronics U.S.A., Inc., Englewood Cliffs, NJ. All rights reserved. "LG" is a registered trademark of LG Corp.

PERFORMANCE DATA

Rated Heating Combination Tables

Table 19: LMU187HV with Non-Ducted, Ducted, and Mixed Indoor Units — Rated Heating Combination Table.

No. of Indoor Units	Indoor Unit Combination (kBtu/h)					Room Capacity				Total Capacity						Input (W)			EER	SEER
	IDU 1	IDU 2	IDU 3	IDU 4	Total	Unit 1 (Btu/h)	Unit 2 (Btu/h)	Unit 3 (Btu/h)	Unit 4 (Btu/h)	Minimum		Rated		Maximum		Min.	Rated	Max.		
										Btu/h	kW	Btu/h	kW	Btu/h	kW					
Non-Ducted Indoor Units																				
Two Units	9	9	-	-	18	8,500	8,500	-	-	12,418	3.64	17,000	4.98	21,000	6.15	1,150	1,290	2,480	3.9	9.2
	9	12	-	-	21	7,286	9,714	-	-	12,418	3.64	17,000	4.98	21,000	6.15	1,150	1,290	2,480	3.9	9.2
	12	12	-	-	24	8,500	8,500	-	-	12,418	3.64	17,000	4.98	21,000	6.15	1,150	1,290	2,480	3.9	9.2
Ducted Indoor Units																				
Two Units	9	9	-	-	18	8,400	8,400	-	-	12,418	3.64	16,800	4.92	21,000	6.15	1,170	1,306	2,480	3.8	8.8
	9	12	-	-	21	7,200	9,600	-	-	12,418	3.64	16,800	4.92	21,000	6.15	1,170	1,306	2,480	3.8	8.8
	12	12	-	-	24	8,400	8,400	-	-	12,418	3.64	16,800	4.92	21,000	6.15	1,170	1,306	2,480	3.8	8.8
Mixed Indoor Units																				
Two Units	9	9	-	-	18	8,450	8,450	-	-	12,418	3.64	16,900	4.95	21,000	6.15	1,160	1,298	2,480	3.9	9.0
	12	12	-	-	21	7,243	9,657	-	-	12,418	3.64	16,900	4.95	21,000	6.15	1,160	1,298	2,480	3.9	9.0
	12	12	-	-	24	8,450	8,450	-	-	12,418	3.64	16,900	4.95	21,000	6.15	1,160	1,298	2,480	3.9	9.0

[1]Capacity as rated: 0 ft. above sea level with 25 ft. of refrigerant piping.
0 ft. level difference between outdoor and indoor units.

[2]Heating capacity rating obtained with air entering the indoor unit at 70°F dry bulb (DB) and 60°F wet bulb (WB), and outdoor ambient conditions of 47°F dry bulb (DB) and 43°F wet bulb (WB).

[3]Wiring cable size must comply with the applicable local and national codes.

[4]The specification may be subject to change without prior notice for purpose of improvement.

[5]At least two indoor units should be connected.

Table 20: LMU247HV with Non-Ducted, Ducted, and Mixed Indoor Units — Rated Heating Combination Table.

No. of Indoor Units	Indoor Unit Combination (kBtu/h)					Room Capacity				Total Capacity						Input (W)			EER	SEER
	IDU 1	IDU 2	IDU 3	IDU 4	Total	Unit 1 (Btu/h)	Unit 2 (Btu/h)	Unit 3 (Btu/h)	Unit 4 (Btu/h)	Minimum		Rated		Maximum		Min.	Rated	Max.		
										Btu/h	kW	Btu/h	kW	Btu/h	kW					
Non-Ducted Indoor Units																				
Two Units	9	9	-	-	18	10,120	10,120	-	-	12,418	3.64	20,240	5.93	23,700	6.95	1,200	1,951	2,660	3.0	7.7
	9	12	-	-	21	9,857	13,143	-	-	12,765	3.74	23,000	6.74	27,700	8.12	1,260	2,174	3,010	3.1	7.7
	12	12	-	-	24	13,200	13,200	-	-	16,200	4.75	26,400	7.74	29,040	8.51	1,368	2,320	3,100	3.3	8.2
	9	18	-	-	27	8,800	17,600	-	-	16,200	4.75	26,400	7.74	31,500	9.23	1,428	2,320	3,100	3.3	8.2
	12	18	-	-	30	10,560	15,840	-	-	16,200	4.75	26,400	7.74	31,500	9.23	1,428	2,320	3,100	3.3	8.2
Three Units	9	9	9	-	27	8,800	8,800	8,800	-	16,200	4.75	26,400	7.74	32,000	9.38	1,308	2,207	3,090	3.5	9.4
	9	9	12	-	30	7,920	7,920	10,560	-	16,200	4.75	26,400	7.74	32,000	9.38	1,308	2,207	3,090	3.5	9.4
	9	12	12	-	33	7,200	9,600	9,600	-	16,200	4.75	26,400	7.74	32,000	9.38	1,308	2,207	3,090	3.5	9.4
Ducted Indoor Units																				
Two Units	9	9	-	-	18	10,000	10,000	-	-	12,418	3.64	20,000	5.86	23,700	6.95	1,240	1,967	2,660	3.0	7.9
	9	12	-	-	21	9,771	13,029	-	-	13,800	4.04	22,800	6.68	27,700	8.12	1,300	2,227	3,010	3.0	7.9
	12	12	-	-	24	13,100	13,100	-	-	16,500	4.84	26,200	7.68	29,040	8.51	1,408	2,360	3,100	3.3	8.1
	9	18	-	-	27	8,733	17,467	-	-	16,500	4.84	26,200	7.68	31,500	9.23	1,468	2,360	3,100	3.3	8.1
	12	18	-	-	30	10,480	15,720	-	-	16,500	4.84	26,200	7.68	31,500	9.23	1,468	2,360	3,100	3.3	8.1
Three Units	9	9	9	-	27	8,733	8,733	8,733	-	16,500	4.84	26,200	7.68	32,000	9.38	1,368	2,226	3,090	3.4	8.5
	9	9	12	-	30	7,860	7,860	10,480	-	16,500	4.84	26,200	7.68	32,000	9.38	1,368	2,226	3,090	3.4	8.5
	9	12	12	-	33	7,145	9,527	9,527	-	16,500	4.84	26,200	7.68	32,000	9.38	1,368	2,226	3,090	3.4	8.5
Mixed Indoor Units																				
Two Units	9	9	-	-	18	10,060	10,060	-	-	12,418	3.64	20,120	5.90	23,700	6.95	1,220	1,959	2,660	3.0	7.8
	9	12	-	-	21	9,814	13,086	-	-	13,283	3.89	22,900	6.71	27,700	8.12	1,280	2,201	3,010	3.1	7.8
	12	12	-	-	24	13,150	13,150	-	-	16,350	4.80	26,300	7.71	29,040	8.51	1,388	2,340	3,100	3.3	8.2
	9	18	-	-	27	8,767	17,534	-	-	16,350	4.80	26,300	7.71	31,500	9.23	1,448	2,340	3,100	3.3	8.2
	12	18	-	-	30	10,520	15,780	-	-	16,350	4.80	26,300	7.71	31,500	9.23	1,448	2,340	3,100	3.3	8.2
Three Units	9	9	9	-	27	8,767	8,767	8,767	-	16,350	4.80	26,300	7.71	32,000	9.38	1,338	2,217	3,090	3.5	8.95
	9	9	12	-	30	7,890	7,890	10,520	-	16,350	4.80	26,300	7.71	32,000	9.38	1,338	2,217	3,090	3.5	8.95
	9	12	12	-	33	7,173	9,564	9,564	-	16,350	4.80	26,300	7.71	32,000	9.38	1,338	2,217	3,090	3.5	8.95

[1]Capacity as rated: 0 ft. above sea level with 25 ft. of refrigerant piping.
0 ft. level difference between outdoor and indoor units.

[2]Heating capacity rating obtained with air entering the indoor unit at 70°F dry bulb (DB) and 60°F wet bulb (WB), and outdoor ambient conditions of 47°F dry bulb (DB) and 43°F wet bulb (WB).

[3]Wiring cable size must comply with the applicable local and national codes.

[4]The specification may be subject to change without prior notice for purpose of improvement.

[5]At least two indoor units should be connected.

Due to our policy of continuous product innovation, some specifications may change without notification.
©LG Electronics U.S.A., Inc., Englewood Cliffs, NJ. All rights reserved. "LG" is a registered trademark of LG Corp.

PERFORMANCE DATA

Rated Heating Combination Tables

Table 21: LMU369HV with Non-Ducted and Ducted Indoor Units — Rated Heating Combination Table.

No. of Indoor Units	Indoor Unit Combination (kBtu/h)					Room Capacity				Total Capacity						Input (W)			EER	SEER
	IDU 1	IDU 2	IDU 3	IDU 4	Total	Unit 1 (Btu/h)	Unit 2 (Btu/h)	Unit 3 (Btu/h)	Unit 4 (Btu/h)	Minimum		Rated		Maximum		Min.	Rated	Max.		
										Btu/h	kW	Btu/h	kW	Btu/h	kW					
Non-Ducted Indoor Units																				
Two Units	9	9	-	-	18	10,350	10,350	-	-	12,418	3.64	20,700	6.07	22,770	6.67	1,248	2,080	2,416	2.9	9.3
	9	12	-	-	21	10,350	13,800	-	-	14,487	4.25	24,150	7.08	26,510	7.77	1,524	2,540	2,950	2.8	8.9
	12	12	-	-	24	13,800	13,800	-	-	16,557	4.85	27,600	8.09	30,360	8.90	1,554	2,590	3,008	3.1	10.0
	9	18	-	-	27	10,350	20,700	-	-	18,626	5.46	31,050	9.10	33,000	9.67	1,740	2,900	3,368	3.1	10.0
	12	18	-	-	30	13,800	20,700	-	-	20,696	6.07	34,500	10.11	36,300	10.64	1,932	3,220	3,740	3.1	10.0
	18	18	-	-	36	19,000	19,000	-	-	22,795	6.68	38,000	11.14	40,000	11.72	2,118	3,530	4,100	3.2	10.1
Three Units	9	9	9	-	27	10,350	10,350	10,350	-	18,626	5.46	31,050	9.10	34,100	9.99	1,740	2,900	3,368	3.1	10.0
	9	9	12	-	30	10,350	10,350	13,800	-	20,696	6.07	34,500	10.11	37,400	10.96	1,932	3,220	3,740	3.1	10.0
	9	12	12	-	33	10,350	13,800	13,800	-	22,765	6.67	37,950	11.12	38,500	11.28	2,040	3,400	3,949	3.3	10.4
	12	12	12	-	36	13,667	13,667	13,667	-	24,595	7.21	41,000	12.02	45,100	13.22	2,148	3,580	4,153	3.4	10.5
	9	9	18	-	36	10,250	10,250	20,500	-	24,595	7.21	41,000	12.02	45,100	13.22	2,148	3,580	4,153	3.4	10.5
	9	12	18	-	39	9,462	12,615	18,923	-	24,595	7.21	41,000	12.02	45,100	13.22	2,148	3,580	4,153	3.4	10.5
	12	12	18	-	42	11,714	11,714	17,571	-	24,595	7.21	41,000	12.02	45,100	13.22	2,148	3,580	4,153	3.4	10.5
	9	18	18	-	45	8,200	16,400	16,400	-	24,595	7.21	41,000	12.02	45,100	13.22	2,148	3,580	4,153	3.4	10.5
	12	18	18	-	48	10,250	15,375	15,375	-	24,595	7.21	41,000	12.02	45,100	13.22	2,148	3,580	4,153	3.4	10.5
Four Units	9	9	9	9	36	10,250	10,250	10,250	10,250	24,595	7.21	41,000	12.02	45,100	13.22	2,148	3,580	4,153	3.4	10.5
	9	9	9	12	39	9,462	9,462	9,462	12,615	24,595	7.21	41,000	12.02	45,100	13.22	2,148	3,580	4,153	3.4	10.5
	9	9	12	12	42	8,786	8,786	11,714	11,714	24,595	7.21	41,000	12.02	45,100	13.22	2,148	3,580	4,153	3.4	10.5
	9	12	12	12	45	8,200	10,933	10,933	10,933	24,595	7.21	41,000	12.02	45,100	13.22	2,148	3,580	4,153	3.4	10.5
	9	9	9	18	45	8,200	8,200	8,200	16,400	24,595	7.21	41,000	12.02	45,100	13.22	2,148	3,580	4,153	3.4	10.5
	9	9	12	18	48	7,688	7,688	10,250	15,374	24,595	7.21	41,000	12.02	45,100	13.22	2,148	3,580	4,153	3.4	10.5
	12	12	12	12	48	10,250	10,250	10,250	10,250	24,595	7.21	41,000	12.02	45,100	13.22	2,148	3,580	4,153	3.4	10.5
Ducted Indoor Units																				
Two Units	9	9	-	-	18	10,350	10,350	-	-	12,418	3.64	20,700	6.07	22,770	6.67	1,302	2,170	2,520	2.8	8.5
	9	12	-	-	21	10,350	13,800	-	-	14,487	4.25	24,150	7.08	26,510	7.77	1,536	2,560	2,973	2.8	8.8
	12	12	-	-	24	13,800	13,800	-	-	16,557	4.85	27,600	8.09	30,360	8.90	1,614	2,690	3,124	3.0	9.0
	9	18	-	-	27	10,350	20,700	-	-	18,626	5.46	31,050	9.10	33,000	9.67	1,812	3,020	3,508	3.0	9.0
	12	18	-	-	30	13,800	20,700	-	-	20,696	6.07	34,500	10.11	36,300	10.64	2,010	3,350	3,891	3.0	9.0
	24	9			33	27,636	10,364	-	-	21,595	6.33	36,000	10.55	38,500	11.28	2,095	3,490	4,124	3.0	9.0
	18	18	-	-	36	19,000	19,000	-	-	22,795	6.68	38,000	11.14	40,000	11.72	2,208	3,680	4,274	3.0	9.0
	24	12	-	-	36	25,333	12,667	-	-	22,795	6.68	38,000	11.14	40,000	11.72	2,208	3,680	4,274	3.0	9.0
Three Units	9	9	9	-	27	10,350	10,350	10,350	-	18,626	5.46	31,050	9.10	34,100	9.99	1,812	3,020	3,508	3.0	9.0
	9	9	12	-	30	10,350	10,350	13,800	-	20,696	6.07	34,500	10.11	37,400	10.96	2,010	3,350	3,891	3.0	9.0
	9	12	12	-	33	10,350	13,800	13,800	-	22,765	6.67	37,950	11.12	38,500	11.28	2,130	3,550	4,123	3.1	9.2
	12	12	12	-	36	13,667	13,667	13,667	-	24,595	7.21	41,000	12.02	45,100	13.22	2,232	3,720	4,321	3.2	9.5
	9	9	18	-	36	10,250	10,250	20,500	-	24,595	7.21	41,000	12.02	45,100	13.22	2,232	3,720	4,321	3.2	9.5
	9	12	18	-	39	9,462	12,615	18,923	-	24,595	7.21	41,000	12.02	45,100	13.22	2,232	3,720	4,321	3.2	9.5
	12	12	18	-	42	11,714	11,714	17,571	-	24,595	7.21	41,000	12.02	45,100	13.22	2,232	3,720	4,321	3.2	9.5
	9	18	18	-	45	8,200	16,400	16,400	-	24,595	7.21	41,000	12.02	45,100	13.22	2,232	3,720	4,321	3.2	9.5
	12	18	18	-	48	10,250	15,375	15,375	-	24,595	7.21	41,000	12.02	45,100	13.22	2,232	3,720	4,321	3.2	9.5
Four Units	9	9	9	9	36	10,250	10,250	10,250	10,250	24,595	7.21	41,000	12.02	45,100	13.22	2,232	3,720	4,321	3.2	9.5
	9	9	9	12	39	9,462	9,462	9,462	12,615	24,595	7.21	41,000	12.02	45,100	13.22	2,232	3,720	4,321	3.2	9.5
	9	9	12	12	42	8,786	8,786	11,714	11,714	24,595	7.21	41,000	12.02	45,100	13.22	2,232	3,720	4,321	3.2	9.5
	9	12	12	12	45	8,200	10,933	10,933	10,933	24,595	7.21	41,000	12.02	45,100	13.22	2,232	3,720	4,321	3.2	9.5
	9	9	9	18	45	8,200	8,200	8,200	16,400	24,595	7.21	41,000	12.02	45,100	13.22	2,232	3,720	4,321	3.2	9.5
	9	9	12	18	48	7,688	7,688	10,250	15,374	24,595	7.21	41,000	12.02	45,100	13.22	2,232	3,720	4,321	3.2	9.5
	12	12	12	12	48	10,250	10,250	10,250	10,250	24,595	7.21	41,000	12.02	45,100	13.22	2,232	3,720	4,321	3.2	9.5

[1]Capacity as rated: 0 ft. above sea level with 25 ft. of refrigerant piping. 0 ft. level difference between outdoor and indoor units.

[2]Heating capacity rating obtained with air entering the indoor unit at 70ºF dry bulb (DB) and 60ºF wet bulb (WB), and outdoor ambient conditions of 47ºF dry bulb (DB) and 43ºF wet bulb (WB).

[3]Wiring cable size must comply with the applicable local and national codes.

[4]The specification may be subject to change without prior notice for purpose of improvement.

[5]At least two indoor units should be connected.

Due to our policy of continuous product innovation, some specifications may change without notification.
©LG Electronics U.S.A., Inc., Englewood Cliffs, NJ. All rights reserved. "LG" is a registered trademark of LG Corp.

PERFORMANCE DATA

Rated Heating Combination Tables

Table 22: LMU369HV with Mixed Indoor Units — Rated Heating Combination Table.

No. of Indoor Units	Indoor Unit Combination (kBtu/h)					Room Capacity				Total Capacity						Input (W)			EER	SEER
	IDU 1	IDU 2	IDU 3	IDU 4	Total	Unit 1 (Btu/h)	Unit 2 (Btu/h)	Unit 3 (Btu/h)	Unit 4 (Btu/h)	Minimum		Rated		Maximum		Min.	Rated	Max.		
										Btu/h	kW	Btu/h	kW	Btu/h	kW					
Mixed Indoor Units																				
Two Units	9	9	-	-	18	10,350	10,350	-	-	12,418	3.64	20,700	6.07	22,770	6.67	1,275	2,125	2,468	2.9	8.9
	9	12	-	-	21	10,350	13,800	-	-	14,487	4.25	24,150	7.08	26,510	7.77	1,530	2,550	2,962	2.8	8.9
	12	12	-	-	24	13,800	13,800	-	-	16,557	4.85	27,600	8.09	30,360	8.90	1,584	2,640	3,066	3.1	9.5
	9	18	-	-	27	10,350	20,700	-	-	18,626	5.46	31,050	9.10	33,000	9.67	1,776	2,960	3,438	3.1	9.5
	12	18	-	-	30	13,800	20,700	-	-	20,696	6.07	34,500	10.11	36,300	10.64	1,971	3,285	3,816	3.1	9.5
	24	9			33	27,636	10,364	-	-	21,595	6.33	36,000	10.55	38,500	11.28	2,054	3,425	4,045	3.1	9.5
	18	18	-	-	36	19,000	19,000	-	-	22,795	6.68	38,000	11.14	40,000	11.72	2,163	3,605	4,187	3.1	9.6
	24	12	-	-	36	25,333	12,667	-	-	22,795	6.68	38,000	11.14	40,000	11.72	2,163	3,605	4,187	3.1	9.6
Three Units	9	9	9	-	27	10,350	10,350	10,350	-	18,626	5.46	31,050	9.10	34,100	9.99	1,776	2,960	3,438	3.1	9.5
	9	9	12	-	30	10,350	10,350	13,800	-	20,696	6.07	34,500	10.11	37,400	10.96	1,971	3,285	3,816	3.1	9.5
	9	12	12	-	33	10,350	13,800	13,800	-	22,765	6.67	37,950	11.12	38,500	11.28	2,085	3,475	4,036	3.2	9.8
	12	12	12	-	36	13,667	13,667	13,667	-	24,595	7.21	41,000	12.02	45,100	13.22	2,190	3,650	4,237	3.3	10.0
	9	9	18	-	36	10,250	10,250	20,500	-	24,595	7.21	41,000	12.02	45,100	13.22	2,190	3,650	4,237	3.3	10.0
	9	12	18	-	39	9,462	12,615	18,923	-	24,595	7.21	41,000	12.02	45,100	13.22	2,190	3,650	4,237	3.3	10.0
	12	12	18	-	42	11,714	11,714	17,571	-	24,595	7.21	41,000	12.02	45,100	13.22	2,190	3,650	4,237	3.3	10.0
	9	18	18	-	45	8,200	16,400	16,400	-	24,595	7.21	41,000	12.02	45,100	13.22	2,190	3,650	4,237	3.3	10.0
	12	18	18	-	48	10,250	15,375	15,375	-	24,595	7.21	41,000	12.02	45,100	13.22	2,190	3,650	4,237	3.3	10.0
Four Units	9	9	9	9	36	10,250	10,250	10,250	10,250	24,595	7.21	41,000	12.02	45,100	13.22	2,190	3,650	4,237	3.3	10.0
	9	9	9	12	39	9,462	9,462	9,462	12,615	24,595	7.21	41,000	12.02	45,100	13.22	2,190	3,650	4,237	3.3	10.0
	9	9	12	12	42	8,786	8,786	11,714	11,714	24,595	7.21	41,000	12.02	45,100	13.22	2,190	3,650	4,237	3.3	10.0
	9	12	12	12	45	8,200	10,933	10,933	10,933	24,595	7.21	41,000	12.02	45,100	13.22	2,190	3,650	4,237	3.3	10.0
	9	9	9	18	45	8,200	8,200	8,200	16,400	24,595	7.21	41,000	12.02	45,100	13.22	2,190	3,650	4,237	3.3	10.0
	9	9	12	18	48	7,688	7,688	10,250	15,374	24,595	7.21	41,000	12.02	45,100	13.22	2,190	3,650	4,237	3.3	10.0
	12	12	12	12	48	10,250	10,250	10,250	10,250	24,595	7.21	41,000	12.02	45,100	13.22	2,190	3,650	4,237	3.3	10.0

[1]Capacity as rated: 0 ft. above sea level with 25 ft. of refrigerant piping.
0 ft. level difference between outdoor and indoor units.

[2]Heating capacity rating obtained with air entering the indoor unit at 70°F dry bulb (DB) and 60°F wet bulb (WB), and outdoor ambient conditions of 47°F dry bulb (DB) and 43°F wet bulb (WB).

[3]Wiring cable size must comply with the applicable local and national codes.

[4]The specification may be subject to change without prior notice for purpose of improvement.

[5]At least two indoor units should be connected.

Due to our policy of continuous product innovation, some specifications may change without notification.
©LG Electronics U.S.A., Inc., Englewood Cliffs, NJ. All rights reserved. "LG" is a registered trademark of LG Corp.

PERFORMANCE DATA

Cooling Capacity Tables

Table 23: LMU187HV Cooling Capacity Table —Non-Ducted Indoor Units.

Connected Indoor Units	Combination Capacity Index	Outdoor Air Temp. (°F DB)	Indoor Air Temp. °F DB / °F WB											
			68 / 57		73 / 61		77 / 64		80 / 67		86 / 72		90 / 75	
			TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
Two (2) Non-Ducted Indoor Units	9 + 9	14	15.29	0.70	16.24	0.73	17.19	0.75	17.88	0.76	19.09	0.77	20.04	0.79
		20	15.28	0.71	16.23	0.74	17.18	0.76	17.86	0.77	19.08	0.79	20.03	0.80
		25	15.27	0.72	16.22	0.75	17.17	0.77	17.85	0.78	19.06	0.80	20.01	0.81
		30	15.26	0.73	16.21	0.76	17.15	0.78	17.84	0.79	19.05	0.81	20.00	0.82
		35	15.25	0.74	16.19	0.77	17.14	0.79	17.82	0.80	19.03	0.82	19.98	0.84
		40	15.23	0.75	16.18	0.78	17.13	0.81	17.81	0.81	19.02	0.83	19.96	0.85
		45	15.22	0.76	16.17	0.79	17.11	0.82	17.80	0.83	19.00	0.84	19.95	0.86
		50	15.21	0.77	16.16	0.80	17.10	0.83	17.78	0.84	18.99	0.85	19.93	0.87
		55	15.20	0.78	16.14	0.81	17.09	0.84	17.77	0.85	18.98	0.86	19.92	0.88
		60	15.19	0.79	16.13	0.82	17.07	0.85	17.76	0.86	18.96	0.87	19.90	0.89
		65	15.18	0.80	16.12	0.83	17.06	0.86	17.74	0.87	18.95	0.89	19.89	0.90
		70	15.16	0.81	16.11	0.84	17.05	0.87	17.73	0.88	18.93	0.90	19.87	0.92
		75	14.80	0.85	15.74	0.89	16.68	0.92	17.36	0.93	18.56	0.95	19.50	0.96
		80	14.43	0.90	15.37	0.93	16.31	0.96	16.99	0.98	18.18	0.99	19.12	1.01
		85	14.07	0.94	15.01	0.98	15.94	1.01	16.62	1.02	17.81	1.04	18.75	1.06
		90	13.71	0.99	14.64	1.02	15.58	1.06	16.25	1.07	17.44	1.09	18.37	1.11
		95	13.32	1.03	14.25	1.07	15.17	1.11	**15.60**	**1.12**	17.03	1.14	17.96	1.16
		100	12.99	1.07	13.92	1.11	14.85	1.15	15.40	1.17	16.71	1.19	17.63	1.21
		105	12.67	1.12	13.60	1.16	14.53	1.20	15.20	1.21	16.38	1.24	17.31	1.26
		110	12.35	1.16	13.27	1.20	14.20	1.25	14.87	1.26	16.06	1.28	16.98	1.31
		115	12.02	1.20	12.95	1.25	13.88	1.29	14.55	1.31	15.73	1.33	16.66	1.36
		118	11.83	1.23	12.75	1.27	13.68	1.32	14.35	1.34	15.54	1.36	16.47	1.39
		122	11.76	1.26	12.69	1.31	13.62	1.36	14.29	1.37	15.47	1.40	16.40	1.43
	9 + 12	14	15.29	0.70	16.24	0.73	17.19	0.75	17.88	0.76	19.09	0.77	20.04	0.79
		20	15.28	0.71	16.23	0.74	17.18	0.76	17.86	0.77	19.08	0.79	20.03	0.80
		25	15.27	0.72	16.22	0.75	17.17	0.77	17.85	0.78	19.06	0.80	20.01	0.81
		30	15.26	0.73	16.21	0.76	17.15	0.78	17.84	0.79	19.05	0.81	20.00	0.82
		35	15.25	0.74	16.19	0.77	17.14	0.79	17.82	0.80	19.03	0.82	19.98	0.84
		40	15.23	0.75	16.18	0.78	17.13	0.81	17.81	0.81	19.02	0.83	19.96	0.85
		45	15.22	0.76	16.17	0.79	17.11	0.82	17.80	0.83	19.00	0.84	19.95	0.86
		50	15.21	0.77	16.16	0.80	17.10	0.83	17.78	0.84	18.99	0.85	19.93	0.87
		55	15.20	0.78	16.14	0.81	17.09	0.84	17.77	0.85	18.98	0.86	19.92	0.88
		60	15.19	0.79	16.13	0.82	17.07	0.85	17.76	0.86	18.96	0.87	19.90	0.89
		65	15.18	0.80	16.12	0.83	17.06	0.86	17.74	0.87	18.95	0.89	19.89	0.90
		70	15.16	0.81	16.11	0.84	17.05	0.87	17.73	0.88	18.93	0.90	19.87	0.92
		75	14.80	0.85	15.74	0.89	16.68	0.92	17.36	0.93	18.56	0.95	19.50	0.96
		80	14.43	0.90	15.37	0.93	16.31	0.96	16.99	0.98	18.18	0.99	19.12	1.01
		85	14.07	0.94	15.01	0.98	15.94	1.01	16.62	1.02	17.81	1.04	18.75	1.06
		90	13.71	0.99	14.64	1.02	15.58	1.06	16.25	1.07	17.44	1.09	18.37	1.11
		95	13.32	1.03	14.25	1.07	15.17	1.11	**15.60**	**1.12**	17.03	1.14	17.96	1.16
		100	12.99	1.07	13.92	1.11	14.85	1.15	15.40	1.17	16.71	1.19	17.63	1.21
		105	12.67	1.12	13.60	1.16	14.53	1.20	15.20	1.21	16.38	1.24	17.31	1.26
		110	12.35	1.16	13.27	1.20	14.20	1.25	14.87	1.26	16.06	1.28	16.98	1.31
		115	12.02	1.20	12.95	1.25	13.88	1.29	14.55	1.31	15.73	1.33	16.66	1.36
		118	11.83	1.23	12.75	1.27	13.68	1.32	14.35	1.34	15.54	1.36	16.47	1.39
		122	11.76	1.26	12.69	1.31	13.62	1.36	14.29	1.37	15.47	1.40	16.40	1.43

TC = Total Capacity (kBtu/h).

PI = Power Input (kW).

Nominal capacity as rated: 0 ft. above sea level with 25 ft. of refrigerant piping.
0 ft. level difference between outdoor and indoor units.

Nominal cooling capacity rating obtained with air entering the indoor unit at 80ºF dry bulb (DB) and 67ºF wet bulb (WB), and outdoor ambient conditions of 95ºF dry bulb (DB) and 75ºF wet bulb (WB).

The shaded table rows indicate reference data. When operating at this temperature, these values can be different if the system is not running consistently.

Due to our policy of continuous product innovation, some specifications may change without notification.
©LG Electronics U.S.A., Inc., Englewood Cliffs, NJ. All rights reserved. "LG" is a registered trademark of LG Corp.

PERFORMANCE DATA

Cooling Capacity Tables

Table 24: LMU187HV Cooling Capacity Table —Non-Ducted (continued) / Ducted Indoor Units.

Connected Indoor Units	Combination Capacity Index	Outdoor Air Temp. (°F DB)	Indoor Air Temp. °F DB / °F WB											
			68 / 57		73 / 61		77 / 64		80 / 67		86 / 72		90 / 75	
			TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
Two (2) Non-Ducted Indoor Units	12 + 12	14	15.29	0.70	16.24	0.73	17.19	0.75	17.88	0.76	19.09	0.77	20.04	0.79
		20	15.28	0.71	16.23	0.74	17.18	0.76	17.86	0.77	19.08	0.79	20.03	0.80
		25	15.27	0.72	16.22	0.75	17.17	0.77	17.85	0.78	19.06	0.80	20.01	0.81
		30	15.26	0.73	16.21	0.76	17.15	0.78	17.84	0.79	19.05	0.81	20.00	0.82
		35	15.25	0.74	16.19	0.77	17.14	0.79	17.82	0.80	19.03	0.82	19.98	0.84
		40	15.23	0.75	16.18	0.78	17.13	0.81	17.81	0.81	19.02	0.83	19.96	0.85
		45	15.22	0.76	16.17	0.79	17.11	0.82	17.80	0.83	19.00	0.84	19.95	0.86
		50	15.21	0.77	16.16	0.80	17.10	0.83	17.78	0.84	18.99	0.85	19.93	0.87
		55	15.20	0.78	16.14	0.81	17.09	0.84	17.77	0.85	18.98	0.86	19.92	0.88
		60	15.19	0.79	16.13	0.82	17.07	0.85	17.76	0.86	18.96	0.87	19.90	0.89
		65	15.18	0.80	16.12	0.83	17.06	0.86	17.74	0.87	18.95	0.89	19.89	0.90
		70	15.16	0.81	16.11	0.84	17.05	0.87	17.73	0.88	18.93	0.90	19.87	0.92
		75	14.80	0.85	15.74	0.89	16.68	0.92	17.36	0.93	18.56	0.95	19.50	0.96
		80	14.43	0.90	15.37	0.93	16.31	0.96	16.99	0.98	18.18	0.99	19.12	1.01
		85	14.07	0.94	15.01	0.98	15.94	1.01	16.62	1.02	17.81	1.04	18.75	1.06
		90	13.71	0.99	14.64	1.02	15.58	1.06	16.25	1.07	17.44	1.09	18.37	1.11
		95	13.32	1.03	14.25	1.07	15.17	1.11	**15.60**	**1.12**	17.03	1.14	17.96	1.16
		100	12.99	1.07	13.92	1.11	14.85	1.15	15.40	1.17	16.71	1.19	17.63	1.21
		105	12.67	1.12	13.60	1.16	14.53	1.20	15.20	1.21	16.38	1.24	17.31	1.26
		110	12.35	1.16	13.27	1.20	14.20	1.25	14.87	1.26	16.06	1.28	16.98	1.31
		115	12.02	1.20	12.95	1.25	13.88	1.29	14.55	1.31	15.73	1.33	16.66	1.36
		118	11.83	1.23	12.75	1.27	13.68	1.32	14.35	1.34	15.54	1.36	16.47	1.39
		122	11.76	1.26	12.69	1.31	13.62	1.36	14.29	1.37	15.47	1.40	16.40	1.43
Two (2) Ducted Indoor Units	9 + 9	14	14.51	0.78	15.41	0.81	16.31	0.84	16.96	0.85	18.11	0.86	19.01	0.88
		20	14.50	0.79	15.40	0.82	16.30	0.85	16.95	0.86	18.10	0.87	19.00	0.89
		25	14.49	0.80	15.39	0.83	16.29	0.86	16.94	0.87	18.08	0.89	18.98	0.90
		30	14.48	0.81	15.37	0.84	16.27	0.87	16.92	0.88	18.07	0.90	18.97	0.92
		35	14.46	0.82	15.36	0.85	16.26	0.88	16.91	0.89	18.06	0.91	18.96	0.93
		40	14.45	0.83	15.35	0.86	16.25	0.90	16.90	0.91	18.04	0.92	18.94	0.94
		45	14.44	0.85	15.34	0.88	16.24	0.91	16.88	0.92	18.03	0.94	18.93	0.95
		50	14.43	0.86	15.33	0.89	16.22	0.92	16.87	0.93	18.02	0.95	18.91	0.97
		55	14.42	0.87	15.32	0.90	16.21	0.93	16.86	0.94	18.00	0.96	18.90	0.98
		60	14.41	0.88	15.30	0.91	16.20	0.94	16.84	0.96	17.99	0.97	18.88	0.99
		65	14.40	0.89	15.29	0.92	16.19	0.96	16.83	0.97	17.97	0.99	18.87	1.01
		70	14.39	0.90	15.28	0.93	16.17	0.97	16.82	0.98	17.96	1.00	18.85	1.02
		75	14.04	0.95	14.93	0.98	15.82	1.02	16.47	1.03	17.61	1.05	18.50	1.07
		80	13.69	1.00	14.58	1.04	15.47	1.07	16.11	1.09	17.25	1.11	18.14	1.13
		85	13.35	1.05	14.24	1.09	15.12	1.13	15.77	1.14	16.90	1.16	17.79	1.18
		90	13.01	1.10	13.89	1.14	14.78	1.18	15.42	1.19	16.55	1.21	17.43	1.24
		95	12.64	1.14	13.52	1.19	14.40	1.23	**14.80**	**1.24**	16.16	1.27	17.04	1.29
		100	12.33	1.19	13.21	1.24	14.09	1.28	14.61	1.30	15.85	1.32	16.73	1.35
		105	12.02	1.24	12.90	1.29	13.78	1.33	14.42	1.35	15.54	1.37	16.42	1.40
		110	11.71	1.29	12.59	1.34	13.47	1.39	14.11	1.40	15.23	1.43	16.11	1.46
		115	11.40	1.34	12.29	1.39	13.17	1.44	13.80	1.46	14.93	1.48	15.81	1.51
		118	11.22	1.37	12.10	1.42	12.98	1.47	13.62	1.49	14.74	1.51	15.62	1.55
		122	11.16	1.41	12.04	1.46	12.92	1.51	13.55	1.53	14.68	1.56	15.56	1.59

TC = Total Capacity (kBtu/h).

PI = Power Input (kW).

Nominal capacity as rated: 0 ft. above sea level with 25 ft. of refrigerant piping.
0 ft. level difference between outdoor and indoor units.

Nominal cooling capacity rating obtained with air entering the indoor unit at 80ºF dry bulb (DB) and 67ºF wet bulb (WB), and outdoor ambient conditions of 95ºF dry bulb (DB) and 75ºF wet bulb (WB).

The shaded table rows indicate reference data. When operating at this temperature, these values can be different if the system is not running consistently.

Due to our policy of continuous product innovation, some specifications may change without notification.
©LG Electronics U.S.A., Inc., Englewood Cliffs, NJ. All rights reserved. "LG" is a registered trademark of LG Corp.

PERFORMANCE DATA

Cooling Capacity Tables

Table 25: LMU187HV Cooling Capacity Table —Ducted Indoor Units (continued).

Connected Indoor Units	Combination Capacity Index	Outdoor Air Temp. (°F DB)	Indoor Air Temp. °F DB / °F WB											
			68 / 57		73 / 61		77 / 64		80 / 67		86 / 72		90 / 75	
			TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
Two (2) Ducted Indoor Units	9 + 12	14	14.51	0.78	15.41	0.81	16.31	0.84	16.96	0.85	18.11	0.86	19.01	0.88
		20	14.50	0.79	15.40	0.82	16.30	0.85	16.95	0.86	18.10	0.87	19.00	0.89
		25	14.49	0.80	15.39	0.83	16.29	0.86	16.94	0.87	18.08	0.89	18.98	0.90
		30	14.48	0.81	15.37	0.84	16.27	0.87	16.92	0.88	18.07	0.90	18.97	0.92
		35	14.46	0.82	15.36	0.85	16.26	0.88	16.91	0.89	18.06	0.91	18.96	0.93
		40	14.45	0.83	15.35	0.86	16.25	0.90	16.90	0.91	18.04	0.92	18.94	0.94
		45	14.44	0.85	15.34	0.88	16.24	0.91	16.88	0.92	18.03	0.94	18.93	0.95
		50	14.43	0.86	15.33	0.89	16.22	0.92	16.87	0.93	18.02	0.95	18.91	0.97
		55	14.42	0.87	15.32	0.90	16.21	0.93	16.86	0.94	18.00	0.96	18.90	0.98
		60	14.41	0.88	15.30	0.91	16.20	0.94	16.84	0.96	17.99	0.97	18.88	0.99
		65	14.40	0.89	15.29	0.92	16.19	0.96	16.83	0.97	17.97	0.99	18.87	1.01
		70	14.39	0.90	15.28	0.93	16.17	0.97	16.82	0.98	17.96	1.00	18.85	1.02
		75	14.04	0.95	14.93	0.98	15.82	1.02	16.47	1.03	17.61	1.05	18.50	1.07
		80	13.69	1.00	14.58	1.04	15.47	1.07	16.11	1.09	17.25	1.11	18.14	1.13
		85	13.35	1.05	14.24	1.09	15.12	1.13	15.77	1.14	16.90	1.16	17.79	1.18
		90	13.01	1.10	13.89	1.14	14.78	1.18	15.42	1.19	16.55	1.21	17.43	1.24
		95	12.64	1.14	13.52	1.19	14.40	1.23	**14.80**	**1.24**	16.16	1.27	17.04	1.29
		100	12.33	1.19	13.21	1.24	14.09	1.28	14.61	1.30	15.85	1.32	16.73	1.35
		105	12.02	1.24	12.90	1.29	13.78	1.33	14.42	1.35	15.54	1.37	16.42	1.40
		110	11.71	1.29	12.59	1.34	13.47	1.39	14.11	1.40	15.23	1.43	16.11	1.46
		115	11.40	1.34	12.29	1.39	13.17	1.44	13.80	1.46	14.93	1.48	15.81	1.51
		118	11.22	1.37	12.10	1.42	12.98	1.47	13.62	1.49	14.74	1.51	15.62	1.55
		122	11.16	1.41	12.04	1.46	12.92	1.51	13.55	1.53	14.68	1.56	15.56	1.59
	12 + 12	14	14.51	0.78	15.41	0.81	16.31	0.84	16.96	0.85	18.11	0.86	19.01	0.88
		20	14.50	0.79	15.40	0.82	16.30	0.85	16.95	0.86	18.10	0.87	19.00	0.89
		25	14.49	0.80	15.39	0.83	16.29	0.86	16.94	0.87	18.08	0.89	18.98	0.90
		30	14.48	0.81	15.37	0.84	16.27	0.87	16.92	0.88	18.07	0.90	18.97	0.92
		35	14.46	0.82	15.36	0.85	16.26	0.88	16.91	0.89	18.06	0.91	18.96	0.93
		40	14.45	0.83	15.35	0.86	16.25	0.90	16.90	0.91	18.04	0.92	18.94	0.94
		45	14.44	0.85	15.34	0.88	16.24	0.91	16.88	0.92	18.03	0.94	18.93	0.95
		50	14.43	0.86	15.33	0.89	16.22	0.92	16.87	0.93	18.02	0.95	18.91	0.97
		55	14.42	0.87	15.32	0.90	16.21	0.93	16.86	0.94	18.00	0.96	18.90	0.98
		60	14.41	0.88	15.30	0.91	16.20	0.94	16.84	0.96	17.99	0.97	18.88	0.99
		65	14.40	0.89	15.29	0.92	16.19	0.96	16.83	0.97	17.97	0.99	18.87	1.01
		70	14.39	0.90	15.28	0.93	16.17	0.97	16.82	0.98	17.96	1.00	18.85	1.02
		75	14.04	0.95	14.93	0.98	15.82	1.02	16.47	1.03	17.61	1.05	18.50	1.07
		80	13.69	1.00	14.58	1.04	15.47	1.07	16.11	1.09	17.25	1.11	18.14	1.13
		85	13.35	1.05	14.24	1.09	15.12	1.13	15.77	1.14	16.90	1.16	17.79	1.18
		90	13.01	1.10	13.89	1.14	14.78	1.18	15.42	1.19	16.55	1.21	17.43	1.24
		95	12.64	1.14	13.52	1.19	14.40	1.23	**14.80**	**1.24**	16.16	1.27	17.04	1.29
		100	12.33	1.19	13.21	1.24	14.09	1.28	14.61	1.30	15.85	1.32	16.73	1.35
		105	12.02	1.24	12.90	1.29	13.78	1.33	14.42	1.35	15.54	1.37	16.42	1.40
		110	11.71	1.29	12.59	1.34	13.47	1.39	14.11	1.40	15.23	1.43	16.11	1.46
		115	11.40	1.34	12.29	1.39	13.17	1.44	13.80	1.46	14.93	1.48	15.81	1.51
		118	11.22	1.37	12.10	1.42	12.98	1.47	13.62	1.49	14.74	1.51	15.62	1.55
		122	11.16	1.41	12.04	1.46	12.92	1.51	13.55	1.53	14.68	1.56	15.56	1.59

TC = Total Capacity (kBtu/h).

PI = Power Input (kW).

Nominal capacity as rated: 0 ft. above sea level with 25 ft. of refrigerant piping.
0 ft. level difference between outdoor and indoor units.

Nominal cooling capacity rating obtained with air entering the indoor unit at 80ºF dry bulb (DB) and 67ºF wet bulb (WB), and outdoor ambient conditions of 95ºF dry bulb (DB) and 75ºF wet bulb (WB).

The shaded table rows indicate reference data. When operating at this temperature, these values can be different if the system is not running consistently.

Due to our policy of continuous product innovation, some specifications may change without notification.
©LG Electronics U.S.A., Inc., Englewood Cliffs, NJ. All rights reserved. "LG" is a registered trademark of LG Corp.

PERFORMANCE DATA

Cooling Capacity Tables

Table 26: LMU187HV Cooling Capacity Table —Mixed Indoor Units.

Connected Indoor Units	Combination Capacity Index	Outdoor Air Temp. (°F DB)	Indoor Air Temp. °F DB / °F WB											
			68 / 57		73 / 61		77 / 64		80 / 67		86 / 72		90 / 75	
			TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
Two (2) Mixed Indoor Units	9 + 9	14	14.90	0.74	15.83	0.77	16.75	0.79	17.42	0.80	18.60	0.82	19.53	0.83
		20	14.89	0.75	15.81	0.78	16.74	0.81	17.41	0.81	18.59	0.83	19.51	0.85
		25	14.88	0.76	15.80	0.79	16.73	0.82	17.39	0.83	18.57	0.84	19.50	0.86
		30	14.87	0.77	15.79	0.80	16.71	0.83	17.38	0.84	18.56	0.85	19.48	0.87
		35	14.86	0.78	15.78	0.81	16.70	0.84	17.37	0.85	18.55	0.87	19.47	0.88
		40	14.84	0.79	15.77	0.82	16.69	0.85	17.35	0.86	18.53	0.88	19.45	0.89
		45	14.83	0.80	15.75	0.83	16.67	0.86	17.34	0.87	18.52	0.89	19.44	0.91
		50	14.82	0.81	15.74	0.84	16.66	0.87	17.33	0.88	18.50	0.90	19.42	0.92
		55	14.81	0.82	15.73	0.85	16.65	0.89	17.31	0.90	18.49	0.91	19.41	0.93
		60	14.80	0.83	15.72	0.87	16.64	0.90	17.30	0.91	18.47	0.92	19.39	0.94
		65	14.79	0.85	15.71	0.88	16.62	0.91	17.29	0.92	18.46	0.94	19.38	0.95
		70	14.78	0.86	15.69	0.89	16.61	0.92	17.27	0.93	18.45	0.95	19.36	0.97
		75	14.42	0.90	15.34	0.93	16.25	0.97	16.91	0.98	18.08	1.00	19.00	1.02
		80	14.06	0.95	14.98	0.98	15.89	1.02	16.55	1.03	17.72	1.05	18.63	1.07
		85	13.71	0.99	14.62	1.03	15.53	1.07	16.19	1.08	17.36	1.10	18.27	1.12
		90	13.36	1.04	14.27	1.08	15.18	1.12	15.83	1.13	16.99	1.15	17.90	1.18
		95	12.98	1.09	13.88	1.13	14.79	1.17	**15.20**	**1.18**	16.59	1.20	17.50	1.23
		100	12.66	1.13	13.57	1.17	14.47	1.22	15.00	1.23	16.28	1.25	17.18	1.28
		105	12.35	1.18	13.25	1.22	14.15	1.27	14.81	1.28	15.96	1.31	16.87	1.33
		110	12.03	1.23	12.93	1.27	13.84	1.32	14.49	1.33	15.65	1.36	16.55	1.38
		115	11.71	1.27	12.62	1.32	13.52	1.37	14.17	1.38	15.33	1.41	16.23	1.44
		118	11.52	1.30	12.43	1.35	13.33	1.40	13.98	1.41	15.14	1.44	16.04	1.47
		122	11.46	1.34	12.36	1.38	13.27	1.44	13.92	1.45	15.08	1.48	15.98	1.51
	9 + 12	14	14.90	0.74	15.83	0.77	16.75	0.79	17.42	0.80	18.60	0.82	19.53	0.83
		20	14.89	0.75	15.81	0.78	16.74	0.81	17.41	0.81	18.59	0.83	19.51	0.85
		25	14.88	0.76	15.80	0.79	16.73	0.82	17.39	0.83	18.57	0.84	19.50	0.86
		30	14.87	0.77	15.79	0.80	16.71	0.83	17.38	0.84	18.56	0.85	19.48	0.87
		35	14.86	0.78	15.78	0.81	16.70	0.84	17.37	0.85	18.55	0.87	19.47	0.88
		40	14.84	0.79	15.77	0.82	16.69	0.85	17.35	0.86	18.53	0.88	19.45	0.89
		45	14.83	0.80	15.75	0.83	16.67	0.86	17.34	0.87	18.52	0.89	19.44	0.91
		50	14.82	0.81	15.74	0.84	16.66	0.87	17.33	0.88	18.50	0.90	19.42	0.92
		55	14.81	0.82	15.73	0.85	16.65	0.89	17.31	0.90	18.49	0.91	19.41	0.93
		60	14.80	0.83	15.72	0.87	16.64	0.90	17.30	0.91	18.47	0.92	19.39	0.94
		65	14.79	0.85	15.71	0.88	16.62	0.91	17.29	0.92	18.46	0.94	19.38	0.95
		70	14.78	0.86	15.69	0.89	16.61	0.92	17.27	0.93	18.45	0.95	19.36	0.97
		75	14.42	0.90	15.34	0.93	16.25	0.97	16.91	0.98	18.08	1.00	19.00	1.02
		80	14.06	0.95	14.98	0.98	15.89	1.02	16.55	1.03	17.72	1.05	18.63	1.07
		85	13.71	0.99	14.62	1.03	15.53	1.07	16.19	1.08	17.36	1.10	18.27	1.12
		90	13.36	1.04	14.27	1.08	15.18	1.12	15.83	1.13	16.99	1.15	17.90	1.18
		95	12.98	1.09	13.88	1.13	14.79	1.17	**15.20**	**1.18**	16.59	1.20	17.50	1.23
		100	12.66	1.13	13.57	1.17	14.47	1.22	15.00	1.23	16.28	1.25	17.18	1.28
		105	12.35	1.18	13.25	1.22	14.15	1.27	14.81	1.28	15.96	1.31	16.87	1.33
		110	12.03	1.23	12.93	1.27	13.84	1.32	14.49	1.33	15.65	1.36	16.55	1.38
		115	11.71	1.27	12.62	1.32	13.52	1.37	14.17	1.38	15.33	1.41	16.23	1.44
		118	11.52	1.30	12.43	1.35	13.33	1.40	13.98	1.41	15.14	1.44	16.04	1.47
		122	11.46	1.34	12.36	1.38	13.27	1.44	13.92	1.45	15.08	1.48	15.98	1.51

TC = Total Capacity (kBtu/h).

PI = Power Input (kW).

Nominal capacity as rated: 0 ft. above sea level with 25 ft. of refrigerant piping.
0 ft. level difference between outdoor and indoor units.

Nominal cooling capacity rating obtained with air entering the indoor unit at 80ºF dry bulb (DB) and 67ºF wet bulb (WB), and outdoor ambient conditions of 95ºF dry bulb (DB) and 75ºF wet bulb (WB).

The shaded table rows indicate reference data. When operating at this temperature, these values can be different if the system is not running consistently.

Due to our policy of continuous product innovation, some specifications may change without notification.
©LG Electronics U.S.A., Inc., Englewood Cliffs, NJ. All rights reserved. "LG" is a registered trademark of LG Corp.

PERFORMANCE DATA

Cooling Capacity Tables

Table 27: LMU187HV Cooling Capacity Table —Mixed Indoor Units (continued).

Connected Indoor Units	Combination Capacity Index	Outdoor Air Temp. (°F DB)	Indoor Air Temp. °F DB / °F WB											
			68 / 57		73 / 61		77 / 64		80 / 67		86 / 72		90 / 75	
			TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
Two (2) Mixed Indoor Units	12 + 12	14	14.90	0.74	15.83	0.77	16.75	0.79	17.42	0.80	18.60	0.82	19.53	0.83
		20	14.89	0.75	15.81	0.78	16.74	0.81	17.41	0.81	18.59	0.83	19.51	0.85
		25	14.88	0.76	15.80	0.79	16.73	0.82	17.39	0.83	18.57	0.84	19.50	0.86
		30	14.87	0.77	15.79	0.80	16.71	0.83	17.38	0.84	18.56	0.85	19.48	0.87
		35	14.86	0.78	15.78	0.81	16.70	0.84	17.37	0.85	18.55	0.87	19.47	0.88
		40	14.84	0.79	15.77	0.82	16.69	0.85	17.35	0.86	18.53	0.88	19.45	0.89
		45	14.83	0.80	15.75	0.83	16.67	0.86	17.34	0.87	18.52	0.89	19.44	0.91
		50	14.82	0.81	15.74	0.84	16.66	0.87	17.33	0.88	18.50	0.90	19.42	0.92
		55	14.81	0.82	15.73	0.85	16.65	0.89	17.31	0.90	18.49	0.91	19.41	0.93
		60	14.80	0.83	15.72	0.87	16.64	0.90	17.30	0.91	18.47	0.92	19.39	0.94
		65	14.79	0.85	15.71	0.88	16.62	0.91	17.29	0.92	18.46	0.94	19.38	0.95
		70	14.78	0.86	15.69	0.89	16.61	0.92	17.27	0.93	18.45	0.95	19.36	0.97
		75	14.42	0.90	15.34	0.93	16.25	0.97	16.91	0.98	18.08	1.00	19.00	1.02
		80	14.06	0.95	14.98	0.98	15.89	1.02	16.55	1.03	17.72	1.05	18.63	1.07
		85	13.71	0.99	14.62	1.03	15.53	1.07	16.19	1.08	17.36	1.10	18.27	1.12
		90	13.36	1.04	14.27	1.08	15.18	1.12	15.83	1.13	16.99	1.15	17.90	1.18
		95	12.98	1.09	13.88	1.13	14.79	1.17	**15.20**	**1.18**	16.59	1.20	17.50	1.23
		100	12.66	1.13	13.57	1.17	14.47	1.22	15.00	1.23	16.28	1.25	17.18	1.28
		105	12.35	1.18	13.25	1.22	14.15	1.27	14.81	1.28	15.96	1.31	16.87	1.33
		110	12.03	1.23	12.93	1.27	13.84	1.32	14.49	1.33	15.65	1.36	16.55	1.38
		115	11.71	1.27	12.62	1.32	13.52	1.37	14.17	1.38	15.33	1.41	16.23	1.44
		118	11.52	1.30	12.43	1.35	13.33	1.40	13.98	1.41	15.14	1.44	16.04	1.47
		122	11.46	1.34	12.36	1.38	13.27	1.44	13.92	1.45	15.08	1.48	15.98	1.51

TC = Total Capacity (kBtu/h).

PI = Power Input (kW).

Nominal capacity as rated: 0 ft. above sea level with 25 ft. of refrigerant piping.
0 ft. level difference between outdoor and indoor units.

Nominal cooling capacity rating obtained with air entering the indoor unit at 80ºF dry bulb (DB) and 67ºF wet bulb (WB), and outdoor ambient conditions of 95ºF dry bulb (DB) and 75ºF wet bulb (WB).

The shaded table rows indicate reference data. When operating at this temperature, these values can be different if the system is not running consistently.

Due to our policy of continuous product innovation, some specifications may change without notification.
©LG Electronics U.S.A., Inc., Englewood Cliffs, NJ. All rights reserved. "LG" is a registered trademark of LG Corp.

Table 28: LMU247HV Cooling Capacity Table — Non-Ducted Indoor Units.

Connected Indoor Units	Combination Capacity Index	Outdoor Air Temp. (°F DB)	Indoor Air Temp. °F DB / °F WB											
			68 / 57		73 / 61		77 / 64		80 / 67		86 / 72		90 / 75	
			TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
Two (2) Non-Ducted Indoor Units	9 + 9	14	16.67	0.84	17.70	0.88	18.74	0.91	19.48	0.92	20.80	0.93	21.84	0.95
		20	16.65	0.86	17.69	0.89	18.72	0.92	19.47	0.93	20.79	0.95	21.82	0.97
		25	16.64	0.87	17.67	0.90	18.71	0.93	19.45	0.94	20.77	0.96	21.81	0.98
		30	16.63	0.88	17.66	0.91	18.69	0.95	19.44	0.96	20.76	0.97	21.79	0.99
		35	16.61	0.89	17.65	0.93	18.68	0.96	19.42	0.97	20.74	0.99	21.77	1.01
		40	16.60	0.90	17.63	0.94	18.66	0.97	19.41	0.98	20.73	1.00	21.76	1.02
		45	16.59	0.92	17.62	0.95	18.65	0.99	19.39	1.00	20.71	1.02	21.74	1.04
		50	16.58	0.93	17.61	0.96	18.63	1.00	19.38	1.01	20.69	1.03	21.72	1.05
		55	16.56	0.94	17.59	0.98	18.62	1.01	19.36	1.02	20.68	1.04	21.71	1.06
		60	16.55	0.95	17.58	0.99	18.61	1.02	19.35	1.04	20.66	1.06	21.69	1.08
		65	16.54	0.97	17.57	1.00	18.59	1.04	19.33	1.05	20.65	1.07	21.67	1.09
		70	16.53	0.98	17.55	1.01	18.58	1.05	19.32	1.06	20.63	1.08	21.66	1.10
		75	16.13	1.03	17.15	1.07	18.18	1.11	18.91	1.12	20.22	1.14	21.25	1.16
		80	15.73	1.08	16.75	1.12	17.77	1.16	18.51	1.18	19.81	1.20	20.84	1.22
		85	15.34	1.14	16.35	1.18	17.37	1.22	18.11	1.23	19.41	1.26	20.43	1.28
		90	14.94	1.19	15.96	1.23	16.97	1.28	17.71	1.29	19.01	1.32	20.02	1.34
		95	14.51	1.24	15.52	1.29	16.54	1.33	**17.00**	**1.35**	18.56	1.37	19.57	1.40
		100	14.16	1.29	15.17	1.34	16.18	1.39	16.78	1.41	18.20	1.43	19.22	1.46
		105	13.81	1.35	14.82	1.40	15.83	1.45	16.56	1.46	17.85	1.49	18.86	1.52
		110	13.45	1.40	14.46	1.45	15.48	1.50	16.21	1.52	17.50	1.55	18.51	1.58
		115	13.10	1.45	14.11	1.51	15.12	1.56	15.85	1.58	17.14	1.61	18.16	1.64
		118	12.89	1.48	13.90	1.54	14.91	1.59	15.64	1.61	16.93	1.64	17.94	1.68
		122	12.82	1.53	13.83	1.58	14.84	1.64	15.57	1.66	16.86	1.69	17.87	1.72
	9 + 12	14	17.35	0.87	18.43	0.90	19.51	0.93	20.28	0.94	21.66	0.96	22.74	0.98
		20	17.34	0.88	18.41	0.91	19.49	0.94	20.27	0.95	21.65	0.97	22.72	0.99
		25	17.32	0.89	18.40	0.92	19.48	0.96	20.25	0.97	21.63	0.99	22.70	1.01
		30	17.31	0.90	18.39	0.94	19.46	0.97	20.24	0.98	21.61	1.00	22.69	1.02
		35	17.30	0.92	18.37	0.95	19.45	0.98	20.22	0.99	21.60	1.01	22.67	1.03
		40	17.29	0.93	18.36	0.96	19.43	1.00	20.21	1.01	21.58	1.03	22.65	1.05
		45	17.27	0.94	18.34	0.97	19.42	1.01	20.19	1.02	21.56	1.04	22.64	1.06
		50	17.26	0.95	18.33	0.99	19.40	1.02	20.18	1.04	21.55	1.05	22.62	1.08
		55	17.25	0.96	18.32	1.00	19.39	1.04	20.16	1.05	21.53	1.07	22.60	1.09
		60	17.23	0.98	18.30	1.01	19.37	1.05	20.15	1.06	21.51	1.08	22.58	1.10
		65	17.22	0.99	18.29	1.03	19.36	1.06	20.13	1.08	21.50	1.10	22.57	1.12
		70	17.21	1.00	18.27	1.04	19.34	1.08	20.11	1.09	21.48	1.11	22.55	1.13
		75	16.79	1.06	17.86	1.09	18.92	1.13	19.69	1.15	21.06	1.17	22.12	1.19
		80	16.38	1.11	17.44	1.15	18.50	1.19	19.27	1.21	20.63	1.23	21.69	1.25
		85	15.97	1.16	17.03	1.21	18.09	1.25	18.85	1.27	20.21	1.29	21.27	1.32
		90	15.56	1.22	16.61	1.26	17.67	1.31	18.44	1.32	19.79	1.35	20.85	1.38
		95	15.11	1.27	16.16	1.32	17.22	1.37	**17.70**	**1.38**	19.32	1.41	20.38	1.44
		100	14.74	1.33	15.80	1.38	16.85	1.43	17.47	1.44	18.95	1.47	20.01	1.50
		105	14.38	1.38	15.43	1.43	16.48	1.48	17.24	1.50	18.59	1.53	19.64	1.56
		110	14.01	1.43	15.06	1.49	16.11	1.54	16.87	1.56	18.22	1.59	19.27	1.62
		115	13.64	1.49	14.69	1.54	15.75	1.60	16.51	1.62	17.85	1.65	18.90	1.68
		118	13.42	1.52	14.47	1.58	15.52	1.63	16.28	1.65	17.63	1.68	18.68	1.72
		122	13.35	1.56	14.40	1.62	15.45	1.68	16.21	1.70	17.56	1.73	18.61	1.77

TC = Total Capacity (kBtu/h).

PI = Power Input (kW).

Nominal capacity as rated: 0 ft. above sea level with 25 ft. of refrigerant piping.
0 ft. level difference between outdoor and indoor units.

Nominal cooling capacity rating obtained with air entering the indoor unit at 80°F dry bulb (DB) and 67°F wet bulb (WB), and outdoor ambient conditions of 95°F dry bulb (DB) and 75°F wet bulb (WB).

The shaded table rows indicate reference data. When operating at this temperature, these values can be different if the system is not running consistently.

Due to our policy of continuous product innovation, some specifications may change without notification.
©LG Electronics U.S.A., Inc., Englewood Cliffs, NJ. All rights reserved. "LG" is a registered trademark of LG Corp.

PERFORMANCE DATA

Cooling Capacity Tables

Table 29: LMU247HV Cooling Capacity Table — Non-Ducted Indoor Units (continued).

Connected Indoor Units	Combination Capacity Index	Outdoor Air Temp. (°F DB)	Indoor Air Temp. °F DB / °F WB											
			68 / 57		73 / 61		77 / 64		80 / 67		86 / 72		90 / 75	
			TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
Two (2) Non-Ducted Indoor Units	12 + 12	14	18.82	0.92	19.99	0.95	21.16	0.99	22.00	1.00	23.50	1.02	24.67	1.04
		20	18.81	0.93	19.98	0.97	21.14	1.00	21.99	1.01	23.48	1.03	24.65	1.05
		25	18.79	0.95	19.96	0.98	21.13	1.02	21.97	1.03	23.46	1.05	24.63	1.07
		30	18.78	0.96	19.94	0.99	21.11	1.03	21.95	1.04	23.44	1.06	24.61	1.08
		35	18.76	0.97	19.93	1.01	21.09	1.04	21.94	1.06	23.43	1.08	24.59	1.10
		40	18.75	0.99	19.91	1.02	21.08	1.06	21.92	1.07	23.41	1.09	24.57	1.11
		45	18.74	1.00	19.90	1.04	21.06	1.07	21.90	1.09	23.39	1.11	24.55	1.13
		50	18.72	1.01	19.88	1.05	21.05	1.09	21.89	1.10	23.37	1.12	24.53	1.14
		55	18.71	1.02	19.87	1.06	21.03	1.10	21.87	1.11	23.35	1.13	24.52	1.16
		60	18.69	1.04	19.85	1.08	21.01	1.12	21.85	1.13	23.34	1.15	24.50	1.17
		65	18.68	1.05	19.84	1.09	21.00	1.13	21.84	1.14	23.32	1.16	24.48	1.19
		70	18.66	1.06	19.82	1.10	20.98	1.14	21.82	1.16	23.30	1.18	24.46	1.20
		75	18.21	1.12	19.37	1.16	20.53	1.21	21.36	1.22	22.84	1.24	24.00	1.27
		80	17.77	1.18	18.92	1.22	20.07	1.27	20.91	1.28	22.38	1.31	23.53	1.33
		85	17.32	1.24	18.47	1.28	19.62	1.33	20.45	1.34	21.92	1.37	23.07	1.40
		90	16.88	1.29	18.02	1.34	19.17	1.39	20.00	1.41	21.47	1.43	22.61	1.46
		95	16.39	1.35	17.53	1.40	18.68	1.45	**19.20**	**1.47**	20.96	1.50	22.10	1.53
		100	15.99	1.41	17.13	1.46	18.28	1.51	18.95	1.53	20.56	1.56	21.70	1.59
		105	15.59	1.47	16.74	1.52	17.88	1.58	18.70	1.59	20.16	1.62	21.30	1.66
		110	15.19	1.52	16.34	1.58	17.48	1.64	18.30	1.66	19.76	1.69	20.90	1.72
		115	14.80	1.58	15.94	1.64	17.08	1.70	17.90	1.72	19.36	1.75	20.51	1.79
		118	14.56	1.62	15.70	1.67	16.84	1.74	17.66	1.76	19.12	1.79	20.27	1.82
		122	14.48	1.66	15.62	1.72	16.76	1.79	17.58	1.81	19.04	1.84	20.19	1.88
	9 + 18	14	18.82	0.92	19.99	0.95	21.16	0.99	22.00	1.00	23.50	1.02	24.67	1.04
		20	18.81	0.93	19.98	0.97	21.14	1.00	21.99	1.01	23.48	1.03	24.65	1.05
		25	18.79	0.95	19.96	0.98	21.13	1.02	21.97	1.03	23.46	1.05	24.63	1.07
		30	18.78	0.96	19.94	0.99	21.11	1.03	21.95	1.04	23.44	1.06	24.61	1.08
		35	18.76	0.97	19.93	1.01	21.09	1.04	21.94	1.06	23.43	1.08	24.59	1.10
		40	18.75	0.99	19.91	1.02	21.08	1.06	21.92	1.07	23.41	1.09	24.57	1.11
		45	18.74	1.00	19.90	1.04	21.06	1.07	21.90	1.09	23.39	1.11	24.55	1.13
		50	18.72	1.01	19.88	1.05	21.05	1.09	21.89	1.10	23.37	1.12	24.53	1.14
		55	18.71	1.02	19.87	1.06	21.03	1.10	21.87	1.11	23.35	1.13	24.52	1.16
		60	18.69	1.04	19.85	1.08	21.01	1.12	21.85	1.13	23.34	1.15	24.50	1.17
		65	18.68	1.05	19.84	1.09	21.00	1.13	21.84	1.14	23.32	1.16	24.48	1.19
		70	18.66	1.06	19.82	1.10	20.98	1.14	21.82	1.16	23.30	1.18	24.46	1.20
		75	18.21	1.12	19.37	1.16	20.53	1.21	21.36	1.22	22.84	1.24	24.00	1.27
		80	17.77	1.18	18.92	1.22	20.07	1.27	20.91	1.28	22.38	1.31	23.53	1.33
		85	17.32	1.24	18.47	1.28	19.62	1.33	20.45	1.34	21.92	1.37	23.07	1.40
		90	16.88	1.29	18.02	1.34	19.17	1.39	20.00	1.41	21.47	1.43	22.61	1.46
		95	16.39	1.35	17.53	1.40	18.68	1.45	**19.20**	**1.47**	20.96	1.50	22.10	1.53
		100	15.99	1.41	17.13	1.46	18.28	1.51	18.95	1.53	20.56	1.56	21.70	1.59
		105	15.59	1.47	16.74	1.52	17.88	1.58	18.70	1.59	20.16	1.62	21.30	1.66
		110	15.19	1.52	16.34	1.58	17.48	1.64	18.30	1.66	19.76	1.69	20.90	1.72
		115	14.80	1.58	15.94	1.64	17.08	1.70	17.90	1.72	19.36	1.75	20.51	1.79
		118	14.56	1.62	15.70	1.67	16.84	1.74	17.66	1.76	19.12	1.79	20.27	1.82
		122	14.48	1.66	15.62	1.72	16.76	1.79	17.58	1.81	19.04	1.84	20.19	1.88

TC = Total Capacity (kBtu/h).

PI = Power Input (kW).

Nominal capacity as rated: 0 ft. above sea level with 25 ft. of refrigerant piping.
0 ft. level difference between outdoor and indoor units.

Nominal cooling capacity rating obtained with air entering the indoor unit at 80ºF dry bulb (DB) and 67ºF wet bulb (WB), and outdoor ambient conditions of 95ºF dry bulb (DB) and 75ºF wet bulb (WB).

The shaded table rows indicate reference data. When operating at this temperature, these values can be different if the system is not running consistently.

Due to our policy of continuous product innovation, some specifications may change without notification.
©LG Electronics U.S.A., Inc., Englewood Cliffs, NJ. All rights reserved. "LG" is a registered trademark of LG Corp.

Table 30: LMU247HV Cooling Capacity Table — Non-Ducted Indoor Units (continued).

Connected Indoor Units	Combination Capacity Index	Outdoor Air Temp. (°F DB)	Indoor Air Temp. °F DB / °F WB											
			68 / 57		73 / 61		77 / 64		80 / 67		86 / 72		90 / 75	
			TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
Two (2) Non-Ducted Indoor Units	12 + 18	14	18.82	0.92	19.99	0.95	21.16	0.99	22.00	1.00	23.50	1.02	24.67	1.04
		20	18.81	0.93	19.98	0.97	21.14	1.00	21.99	1.01	23.48	1.03	24.65	1.05
		25	18.79	0.95	19.96	0.98	21.13	1.02	21.97	1.03	23.46	1.05	24.63	1.07
		30	18.78	0.96	19.94	0.99	21.11	1.03	21.95	1.04	23.44	1.06	24.61	1.08
		35	18.76	0.97	19.93	1.01	21.09	1.04	21.94	1.06	23.43	1.08	24.59	1.10
		40	18.75	0.99	19.91	1.02	21.08	1.06	21.92	1.07	23.41	1.09	24.57	1.11
		45	18.74	1.00	19.90	1.04	21.06	1.07	21.90	1.09	23.39	1.11	24.55	1.13
		50	18.72	1.01	19.88	1.05	21.05	1.09	21.89	1.10	23.37	1.12	24.53	1.14
		55	18.71	1.02	19.87	1.06	21.03	1.10	21.87	1.11	23.35	1.13	24.52	1.16
		60	18.69	1.04	19.85	1.08	21.01	1.12	21.85	1.13	23.34	1.15	24.50	1.17
		65	18.68	1.05	19.84	1.09	21.00	1.13	21.84	1.14	23.32	1.16	24.48	1.19
		70	18.66	1.06	19.82	1.10	20.98	1.14	21.82	1.16	23.30	1.18	24.46	1.20
		75	18.21	1.12	19.37	1.16	20.53	1.21	21.36	1.22	22.84	1.24	24.00	1.27
		80	17.77	1.18	18.92	1.22	20.07	1.27	20.91	1.28	22.38	1.31	23.53	1.33
		85	17.32	1.24	18.47	1.28	19.62	1.33	20.45	1.34	21.92	1.37	23.07	1.40
		90	16.88	1.29	18.02	1.34	19.17	1.39	20.00	1.41	21.47	1.43	22.61	1.46
		95	16.39	1.35	17.53	1.40	18.68	1.45	**19.20**	**1.47**	20.96	1.50	22.10	1.53
		100	15.99	1.41	17.13	1.46	18.28	1.51	18.95	1.53	20.56	1.56	21.70	1.59
		105	15.59	1.47	16.74	1.52	17.88	1.58	18.70	1.59	20.16	1.62	21.30	1.66
		110	15.19	1.52	16.34	1.58	17.48	1.64	18.30	1.66	19.76	1.69	20.90	1.72
		115	14.80	1.58	15.94	1.64	17.08	1.70	17.90	1.72	19.36	1.75	20.51	1.79
		118	14.56	1.62	15.70	1.67	16.84	1.74	17.66	1.76	19.12	1.79	20.27	1.82
		122	14.48	1.66	15.62	1.72	16.76	1.79	17.58	1.81	19.04	1.84	20.19	1.88
Three (3) Non-Ducted Indoor Units	9 + 9 + 9	14	18.82	0.90	19.99	0.93	21.16	0.96	22.00	0.97	23.50	0.99	24.67	1.01
		20	18.81	0.91	19.98	0.94	21.14	0.98	21.99	0.99	23.48	1.01	24.65	1.03
		25	18.79	0.92	19.96	0.95	21.13	0.99	21.97	1.00	23.46	1.02	24.63	1.04
		30	18.78	0.93	19.94	0.97	21.11	1.00	21.95	1.02	23.44	1.03	24.61	1.05
		35	18.76	0.95	19.93	0.98	21.09	1.02	21.94	1.03	23.43	1.05	24.59	1.07
		40	18.75	0.96	19.91	0.99	21.08	1.03	21.92	1.04	23.41	1.06	24.57	1.08
		45	18.74	0.97	19.90	1.01	21.06	1.05	21.90	1.06	23.39	1.08	24.55	1.10
		50	18.72	0.99	19.88	1.02	21.05	1.06	21.89	1.07	23.37	1.09	24.53	1.11
		55	18.71	1.00	19.87	1.03	21.03	1.07	21.87	1.09	23.35	1.11	24.52	1.13
		60	18.69	1.01	19.85	1.05	21.01	1.09	21.85	1.10	23.34	1.12	24.50	1.14
		65	18.68	1.02	19.84	1.06	21.00	1.10	21.84	1.11	23.32	1.13	24.48	1.16
		70	18.66	1.04	19.82	1.07	20.98	1.11	21.82	1.13	23.30	1.15	24.46	1.17
		75	18.21	1.09	19.37	1.13	20.53	1.17	21.36	1.19	22.84	1.21	24.00	1.23
		80	17.77	1.15	18.92	1.19	20.07	1.23	20.91	1.25	22.38	1.27	23.53	1.30
		85	17.32	1.20	18.47	1.25	19.62	1.29	20.45	1.31	21.92	1.33	23.07	1.36
		90	16.88	1.26	18.02	1.31	19.17	1.35	20.00	1.37	21.47	1.40	22.61	1.42
		95	16.39	1.32	17.53	1.36	18.68	1.41	**19.20**	**1.43**	20.96	1.46	22.10	1.49
		100	15.99	1.37	17.13	1.42	18.28	1.47	18.95	1.49	20.56	1.52	21.70	1.55
		105	15.59	1.43	16.74	1.48	17.88	1.53	18.70	1.55	20.16	1.58	21.30	1.61
		110	15.19	1.48	16.34	1.54	17.48	1.60	18.30	1.61	19.76	1.64	20.90	1.68
		115	14.80	1.54	15.94	1.60	17.08	1.66	17.90	1.67	19.36	1.71	20.51	1.74
		118	14.56	1.57	15.70	1.63	16.84	1.69	17.66	1.71	19.12	1.74	20.27	1.78
		122	14.48	1.62	15.62	1.68	16.76	1.74	17.58	1.76	19.04	1.79	20.19	1.83

TC = Total Capacity (kBtu/h).

PI = Power Input (kW).

Nominal capacity as rated: 0 ft. above sea level with 25 ft. of refrigerant piping.
0 ft. level difference between outdoor and indoor units.

Nominal cooling capacity rating obtained with air entering the indoor unit at 80°F dry bulb (DB) and 67°F wet bulb (WB), and outdoor ambient conditions of 95°F dry bulb (DB) and 75°F wet bulb (WB).

The shaded table rows indicate reference data. When operating at this temperature, these values can be different if the system is not running consistently.

Due to our policy of continuous product innovation, some specifications may change without notification.
©LG Electronics U.S.A., Inc., Englewood Cliffs, NJ. All rights reserved. "LG" is a registered trademark of LG Corp.

PERFORMANCE DATA

Cooling Capacity Tables

Table 31: LMU247HV Cooling Capacity Table — Non-Ducted Indoor Units (continued).

Connected Indoor Units	Combination Capacity Index	Outdoor Air Temp. (°F DB)	Indoor Air Temp. °F DB / °F WB											
			68 / 57		73 / 61		77 / 64		80 / 67		86 / 72		90 / 75	
			TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
Three (3) Non-Ducted Indoor Units	9 + 9 + 12	14	18.82	0.90	19.99	0.93	21.16	0.96	22.00	0.97	23.50	0.99	24.67	1.01
		20	18.81	0.91	19.98	0.94	21.14	0.98	21.99	0.99	23.48	1.01	24.65	1.03
		25	18.79	0.92	19.96	0.95	21.13	0.99	21.97	1.00	23.46	1.02	24.63	1.04
		30	18.78	0.93	19.94	0.97	21.11	1.00	21.95	1.02	23.44	1.03	24.61	1.05
		35	18.76	0.95	19.93	0.98	21.09	1.02	21.94	1.03	23.43	1.05	24.59	1.07
		40	18.75	0.96	19.91	0.99	21.08	1.03	21.92	1.04	23.41	1.06	24.57	1.08
		45	18.74	0.97	19.90	1.01	21.06	1.05	21.90	1.06	23.39	1.08	24.55	1.10
		50	18.72	0.99	19.88	1.02	21.05	1.06	21.89	1.07	23.37	1.09	24.53	1.11
		55	18.71	1.00	19.87	1.03	21.03	1.07	21.87	1.09	23.35	1.11	24.52	1.13
		60	18.69	1.01	19.85	1.05	21.01	1.09	21.85	1.10	23.34	1.12	24.50	1.14
		65	18.68	1.02	19.84	1.06	21.00	1.10	21.84	1.11	23.32	1.13	24.48	1.16
		70	18.66	1.04	19.82	1.07	20.98	1.11	21.82	1.13	23.30	1.15	24.46	1.17
		75	18.21	1.09	19.37	1.13	20.53	1.17	21.36	1.19	22.84	1.21	24.00	1.23
		80	17.77	1.15	18.92	1.19	20.07	1.23	20.91	1.25	22.38	1.27	23.53	1.30
		85	17.32	1.20	18.47	1.25	19.62	1.29	20.45	1.31	21.92	1.33	23.07	1.36
		90	16.88	1.26	18.02	1.31	19.17	1.35	20.00	1.37	21.47	1.40	22.61	1.42
		95	16.39	1.32	17.53	1.36	18.68	1.41	**19.20**	**1.43**	20.96	1.46	22.10	1.49
		100	15.99	1.37	17.13	1.42	18.28	1.47	18.95	1.49	20.56	1.52	21.70	1.55
		105	15.59	1.43	16.74	1.48	17.88	1.53	18.70	1.55	20.16	1.58	21.30	1.61
		110	15.19	1.48	16.34	1.54	17.48	1.60	18.30	1.61	19.76	1.64	20.90	1.68
		115	14.80	1.54	15.94	1.60	17.08	1.66	17.90	1.67	19.36	1.71	20.51	1.74
		118	14.56	1.57	15.70	1.63	16.84	1.69	17.66	1.71	19.12	1.74	20.27	1.78
		122	14.48	1.62	15.62	1.68	16.76	1.74	17.58	1.76	19.04	1.79	20.19	1.83
	9 + 12 + 12	14	18.82	0.90	19.99	0.93	21.16	0.96	22.00	0.97	23.50	0.99	24.67	1.01
		20	18.81	0.91	19.98	0.94	21.14	0.98	21.99	0.99	23.48	1.01	24.65	1.03
		25	18.79	0.92	19.96	0.95	21.13	0.99	21.97	1.00	23.46	1.02	24.63	1.04
		30	18.78	0.93	19.94	0.97	21.11	1.00	21.95	1.02	23.44	1.03	24.61	1.05
		35	18.76	0.95	19.93	0.98	21.09	1.02	21.94	1.03	23.43	1.05	24.59	1.07
		40	18.75	0.96	19.91	0.99	21.08	1.03	21.92	1.04	23.41	1.06	24.57	1.08
		45	18.74	0.97	19.90	1.01	21.06	1.05	21.90	1.06	23.39	1.08	24.55	1.10
		50	18.72	0.99	19.88	1.02	21.05	1.06	21.89	1.07	23.37	1.09	24.53	1.11
		55	18.71	1.00	19.87	1.03	21.03	1.07	21.87	1.09	23.35	1.11	24.52	1.13
		60	18.69	1.01	19.85	1.05	21.01	1.09	21.85	1.10	23.34	1.12	24.50	1.14
		65	18.68	1.02	19.84	1.06	21.00	1.10	21.84	1.11	23.32	1.13	24.48	1.16
		70	18.66	1.04	19.82	1.07	20.98	1.11	21.82	1.13	23.30	1.15	24.46	1.17
		75	18.21	1.09	19.37	1.13	20.53	1.17	21.36	1.19	22.84	1.21	24.00	1.23
		80	17.77	1.15	18.92	1.19	20.07	1.23	20.91	1.25	22.38	1.27	23.53	1.30
		85	17.32	1.20	18.47	1.25	19.62	1.29	20.45	1.31	21.92	1.33	23.07	1.36
		90	16.88	1.26	18.02	1.31	19.17	1.35	20.00	1.37	21.47	1.40	22.61	1.42
		95	16.39	1.32	17.53	1.36	18.68	1.41	**19.20**	**1.43**	20.96	1.46	22.10	1.49
		100	15.99	1.37	17.13	1.42	18.28	1.47	18.95	1.49	20.56	1.52	21.70	1.55
		105	15.59	1.43	16.74	1.48	17.88	1.53	18.70	1.55	20.16	1.58	21.30	1.61
		110	15.19	1.48	16.34	1.54	17.48	1.60	18.30	1.61	19.76	1.64	20.90	1.68
		115	14.80	1.54	15.94	1.60	17.08	1.66	17.90	1.67	19.36	1.71	20.51	1.74
		118	14.56	1.57	15.70	1.63	16.84	1.69	17.66	1.71	19.12	1.74	20.27	1.78
		122	14.48	1.62	15.62	1.68	16.76	1.74	17.58	1.76	19.04	1.79	20.19	1.83

TC = Total Capacity (kBtu/h).

PI = Power Input (kW).

Nominal capacity as rated: 0 ft. above sea level with 25 ft. of refrigerant piping.
0 ft. level difference between outdoor and indoor units.

Nominal cooling capacity rating obtained with air entering the indoor unit at 80°F dry bulb (DB) and 67°F wet bulb (WB), and outdoor ambient conditions of 95°F dry bulb (DB) and 75°F wet bulb (WB).

The shaded table rows indicate reference data. When operating at this temperature, these values can be different if the system is not running consistently.

Due to our policy of continuous product innovation, some specifications may change without notification.
©LG Electronics U.S.A., Inc., Englewood Cliffs, NJ. All rights reserved. "LG" is a registered trademark of LG Corp.

PERFORMANCE DATA

Cooling Capacity Tables

Table 32: LMU247HV Cooling Capacity Table — Ducted Indoor Units.

Connected Indoor Units	Combination Capacity Index	Outdoor Air Temp. (°F DB)	Indoor Air Temp. °F DB / °F WB											
			68 / 57		73 / 61		77 / 64		80 / 67		86 / 72		90 / 75	
			TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
Two (2) Ducted Indoor Units	9 + 9	14	16.27	0.94	17.28	0.97	18.29	1.01	19.02	1.02	20.32	1.04	21.33	1.06
		20	16.26	0.95	17.27	0.98	18.28	1.02	19.01	1.03	20.30	1.05	21.31	1.07
		25	16.25	0.96	17.26	1.00	18.27	1.03	19.00	1.05	20.28	1.07	21.29	1.09
		30	16.24	0.98	17.24	1.01	18.25	1.05	18.98	1.06	20.27	1.08	21.28	1.10
		35	16.22	0.99	17.23	1.03	18.24	1.06	18.97	1.08	20.25	1.10	21.26	1.12
		40	16.21	1.00	17.22	1.04	18.22	1.08	18.95	1.09	20.24	1.11	21.24	1.13
		45	16.20	1.02	17.20	1.05	18.21	1.09	18.94	1.10	20.22	1.13	21.23	1.15
		50	16.19	1.03	17.19	1.07	18.20	1.11	18.92	1.12	20.21	1.14	21.21	1.16
		55	16.17	1.04	17.18	1.08	18.18	1.12	18.91	1.13	20.19	1.15	21.20	1.18
		60	16.16	1.06	17.16	1.10	18.17	1.14	18.89	1.15	20.18	1.17	21.18	1.19
		65	16.15	1.07	17.15	1.11	18.15	1.15	18.88	1.16	20.16	1.18	21.16	1.21
		70	16.14	1.08	17.14	1.12	18.14	1.16	18.86	1.18	20.14	1.20	21.15	1.22
		75	15.75	1.14	16.75	1.18	17.75	1.23	18.47	1.24	19.75	1.26	20.75	1.29
		80	15.36	1.20	16.36	1.24	17.35	1.29	18.07	1.30	19.35	1.33	20.35	1.36
		85	14.97	1.26	15.97	1.30	16.96	1.35	17.68	1.37	18.95	1.39	19.95	1.42
		90	14.59	1.32	15.58	1.37	16.57	1.42	17.29	1.43	18.56	1.46	19.55	1.49
		95	14.17	1.38	15.16	1.43	16.15	1.48	**16.60**	**1.50**	18.12	1.52	19.11	1.55
		100	13.83	1.43	14.81	1.49	15.80	1.54	16.38	1.56	17.78	1.59	18.76	1.62
		105	13.48	1.49	14.47	1.55	15.46	1.60	16.17	1.62	17.43	1.65	18.42	1.69
		110	13.14	1.55	14.12	1.61	15.11	1.67	15.82	1.69	17.09	1.72	18.07	1.75
		115	12.79	1.61	13.78	1.67	14.77	1.73	15.48	1.75	16.74	1.78	17.73	1.82
		118	12.58	1.64	13.57	1.70	14.56	1.77	15.27	1.79	16.53	1.82	17.52	1.86
		122	12.52	1.69	13.50	1.75	14.49	1.82	15.20	1.84	16.47	1.87	17.45	1.91
	9 + 12	14	16.67	0.94	17.70	0.98	18.74	1.01	19.48	1.02	20.80	1.04	21.84	1.06
		20	16.65	0.95	17.69	0.99	18.72	1.03	19.47	1.04	20.79	1.06	21.82	1.08
		25	16.64	0.97	17.67	1.00	18.71	1.04	19.45	1.05	20.77	1.07	21.81	1.09
		30	16.63	0.98	17.66	1.02	18.69	1.05	19.44	1.07	20.76	1.09	21.79	1.11
		35	16.61	1.00	17.65	1.03	18.68	1.07	19.42	1.08	20.74	1.10	21.77	1.12
		40	16.60	1.01	17.63	1.05	18.66	1.08	19.41	1.10	20.73	1.12	21.76	1.14
		45	16.59	1.02	17.62	1.06	18.65	1.10	19.39	1.11	20.71	1.13	21.74	1.15
		50	16.58	1.04	17.61	1.07	18.63	1.11	19.38	1.13	20.69	1.15	21.72	1.17
		55	16.56	1.05	17.59	1.09	18.62	1.13	19.36	1.14	20.68	1.16	21.71	1.19
		60	16.55	1.06	17.58	1.10	18.61	1.14	19.35	1.16	20.66	1.18	21.69	1.20
		65	16.54	1.08	17.57	1.12	18.59	1.16	19.33	1.17	20.65	1.19	21.67	1.22
		70	16.53	1.09	17.55	1.13	18.58	1.17	19.32	1.18	20.63	1.21	21.66	1.23
		75	16.13	1.15	17.15	1.19	18.18	1.23	18.91	1.25	20.22	1.27	21.25	1.30
		80	15.73	1.21	16.75	1.25	17.77	1.30	18.51	1.31	19.81	1.34	20.84	1.36
		85	15.34	1.27	16.35	1.31	17.37	1.36	18.11	1.38	19.41	1.40	20.43	1.43
		90	14.94	1.33	15.96	1.37	16.97	1.42	17.71	1.44	19.01	1.47	20.02	1.50
		95	14.51	1.38	15.52	1.43	16.54	1.49	**17.00**	**1.50**	18.56	1.53	19.57	1.56
		100	14.16	1.44	15.17	1.50	16.18	1.55	16.78	1.57	18.20	1.60	19.22	1.63
		105	13.81	1.50	14.82	1.56	15.83	1.61	16.56	1.63	17.85	1.66	18.86	1.70
		110	13.45	1.56	14.46	1.62	15.48	1.68	16.21	1.70	17.50	1.73	18.51	1.76
		115	13.10	1.62	14.11	1.68	15.12	1.74	15.85	1.76	17.14	1.79	18.16	1.83
		118	12.89	1.65	13.90	1.71	14.91	1.78	15.64	1.80	16.93	1.83	17.94	1.87
		122	12.82	1.70	13.83	1.76	14.84	1.83	15.57	1.85	16.86	1.88	17.87	1.92

TC = Total Capacity (kBtu/h).

PI = Power Input (kW).

Nominal capacity as rated: 0 ft. above sea level with 25 ft. of refrigerant piping.
0 ft. level difference between outdoor and indoor units.

Nominal cooling capacity rating obtained with air entering the indoor unit at 80ºF dry bulb (DB) and 67ºF wet bulb (WB), and outdoor ambient conditions of 95ºF dry bulb (DB) and 75ºF wet bulb (WB).

The shaded table rows indicate reference data. When operating at this temperature, these values can be different if the system is not running consistently.

Due to our policy of continuous product innovation, some specifications may change without notification.
©LG Electronics U.S.A., Inc., Englewood Cliffs, NJ. All rights reserved. "LG" is a registered trademark of LG Corp.

PERFORMANCE DATA

Cooling Capacity Tables

Table 33: LMU247HV Cooling Capacity Table — Ducted Indoor Units (continued).

Connected Indoor Units	Combination Capacity Index	Outdoor Air Temp. (°F DB)	Indoor Air Temp. °F DB / °F WB											
			68 / 57		73 / 61		77 / 64		80 / 67		86 / 72		90 / 75	
			TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
Two (2) Ducted Indoor Units	12 + 12	14	17.65	0.98	18.74	1.02	19.84	1.05	20.63	1.06	22.03	1.08	23.12	1.11
		20	17.63	0.99	18.73	1.03	19.82	1.07	20.61	1.08	22.01	1.10	23.11	1.12
		25	17.62	1.01	18.71	1.04	19.81	1.08	20.60	1.09	22.00	1.12	23.09	1.14
		30	17.60	1.02	18.70	1.06	19.79	1.10	20.58	1.11	21.98	1.13	23.07	1.15
		35	17.59	1.04	18.68	1.07	19.78	1.11	20.57	1.13	21.96	1.15	23.05	1.17
		40	17.58	1.05	18.67	1.09	19.76	1.13	20.55	1.14	21.94	1.16	23.04	1.19
		45	17.56	1.06	18.66	1.10	19.75	1.14	20.53	1.16	21.93	1.18	23.02	1.20
		50	17.55	1.08	18.64	1.12	19.73	1.16	20.52	1.17	21.91	1.19	23.00	1.22
		55	17.54	1.09	18.63	1.13	19.72	1.17	20.50	1.19	21.89	1.21	22.98	1.23
		60	17.52	1.11	18.61	1.15	19.70	1.19	20.49	1.20	21.88	1.22	22.97	1.25
		65	17.51	1.12	18.60	1.16	19.69	1.20	20.47	1.22	21.86	1.24	22.95	1.26
		70	17.50	1.13	18.58	1.18	19.67	1.22	20.46	1.23	21.84	1.26	22.93	1.28
		75	17.08	1.20	18.16	1.24	19.24	1.28	20.03	1.30	21.41	1.32	22.50	1.35
		80	16.66	1.26	17.74	1.30	18.82	1.35	19.60	1.37	20.98	1.39	22.06	1.42
		85	16.24	1.32	17.32	1.37	18.40	1.42	19.17	1.43	20.55	1.46	21.63	1.49
		90	15.82	1.38	16.90	1.43	17.97	1.48	18.75	1.50	20.12	1.53	21.20	1.56
		95	15.37	1.44	16.44	1.49	17.51	1.55	**18.00**	**1.57**	19.65	1.59	20.72	1.63
		100	14.99	1.50	16.06	1.56	17.13	1.61	17.77	1.63	19.28	1.66	20.35	1.70
		105	14.62	1.56	15.69	1.62	16.76	1.68	17.53	1.70	18.90	1.73	19.97	1.76
		110	14.24	1.62	15.32	1.68	16.39	1.74	17.16	1.76	18.53	1.80	19.60	1.83
		115	13.87	1.68	14.94	1.75	16.01	1.81	16.79	1.83	18.15	1.87	19.22	1.90
		118	13.65	1.72	14.72	1.78	15.79	1.85	16.56	1.87	17.93	1.91	19.00	1.94
		122	13.57	1.77	14.64	1.84	15.71	1.90	16.49	1.92	17.85	1.96	18.92	2.00
	9 + 18	14	17.65	0.98	18.74	1.02	19.84	1.05	20.63	1.06	22.03	1.08	23.12	1.11
		20	17.63	0.99	18.73	1.03	19.82	1.07	20.61	1.08	22.01	1.10	23.11	1.12
		25	17.62	1.01	18.71	1.04	19.81	1.08	20.60	1.09	22.00	1.12	23.09	1.14
		30	17.60	1.02	18.70	1.06	19.79	1.10	20.58	1.11	21.98	1.13	23.07	1.15
		35	17.59	1.04	18.68	1.07	19.78	1.11	20.57	1.13	21.96	1.15	23.05	1.17
		40	17.58	1.05	18.67	1.09	19.76	1.13	20.55	1.14	21.94	1.16	23.04	1.19
		45	17.56	1.06	18.66	1.10	19.75	1.14	20.53	1.16	21.93	1.18	23.02	1.20
		50	17.55	1.08	18.64	1.12	19.73	1.16	20.52	1.17	21.91	1.19	23.00	1.22
		55	17.54	1.09	18.63	1.13	19.72	1.17	20.50	1.19	21.89	1.21	22.98	1.23
		60	17.52	1.11	18.61	1.15	19.70	1.19	20.49	1.20	21.88	1.22	22.97	1.25
		65	17.51	1.12	18.60	1.16	19.69	1.20	20.47	1.22	21.86	1.24	22.95	1.26
		70	17.50	1.13	18.58	1.18	19.67	1.22	20.46	1.23	21.84	1.26	22.93	1.28
		75	17.08	1.20	18.16	1.24	19.24	1.28	20.03	1.30	21.41	1.32	22.50	1.35
		80	16.66	1.26	17.74	1.30	18.82	1.35	19.60	1.37	20.98	1.39	22.06	1.42
		85	16.24	1.32	17.32	1.37	18.40	1.42	19.17	1.43	20.55	1.46	21.63	1.49
		90	15.82	1.38	16.90	1.43	17.97	1.48	18.75	1.50	20.12	1.53	21.20	1.56
		95	15.37	1.44	16.44	1.49	17.51	1.55	**18.00**	**1.57**	19.65	1.59	20.72	1.63
		100	14.99	1.50	16.06	1.56	17.13	1.61	17.77	1.63	19.28	1.66	20.35	1.70
		105	14.62	1.56	15.69	1.62	16.76	1.68	17.53	1.70	18.90	1.73	19.97	1.76
		110	14.24	1.62	15.32	1.68	16.39	1.74	17.16	1.76	18.53	1.80	19.60	1.83
		115	13.87	1.68	14.94	1.75	16.01	1.81	16.79	1.83	18.15	1.87	19.22	1.90
		118	13.65	1.72	14.72	1.78	15.79	1.85	16.56	1.87	17.93	1.91	19.00	1.94
		122	13.57	1.77	14.64	1.84	15.71	1.90	16.49	1.92	17.85	1.96	18.92	2.00

TC = Total Capacity (kBtu/h).

PI = Power Input (kW).

Nominal capacity as rated: 0 ft. above sea level with 25 ft. of refrigerant piping.
0 ft. level difference between outdoor and indoor units.

Nominal cooling capacity rating obtained with air entering the indoor unit at 80ºF dry bulb (DB) and 67ºF wet bulb (WB), and outdoor ambient conditions of 95ºF dry bulb (DB) and 75ºF wet bulb (WB).

The shaded table rows indicate reference data. When operating at this temperature, these values can be different if the system is not running consistently.

Due to our policy of continuous product innovation, some specifications may change without notification.
©LG Electronics U.S.A., Inc., Englewood Cliffs, NJ. All rights reserved. "LG" is a registered trademark of LG Corp.

Table 34: LMU247HV Cooling Capacity Table — Ducted Indoor Units (continued).

Connected Indoor Units	Combination Capacity Index	Outdoor Air Temp. (°F DB)	Indoor Air Temp. °F DB / °F WB											
			68 / 57		73 / 61		77 / 64		80 / 67		86 / 72		90 / 75	
			TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
Two (2) Ducted Indoor Units	12 + 18	14	17.65	0.98	18.74	1.02	19.84	1.05	20.63	1.06	22.03	1.08	23.12	1.11
		20	17.63	0.99	18.73	1.03	19.82	1.07	20.61	1.08	22.01	1.10	23.11	1.12
		25	17.62	1.01	18.71	1.04	19.81	1.08	20.60	1.09	22.00	1.12	23.09	1.14
		30	17.60	1.02	18.70	1.06	19.79	1.10	20.58	1.11	21.98	1.13	23.07	1.15
		35	17.59	1.04	18.68	1.07	19.78	1.11	20.57	1.13	21.96	1.15	23.05	1.17
		40	17.58	1.05	18.67	1.09	19.76	1.13	20.55	1.14	21.94	1.16	23.04	1.19
		45	17.56	1.06	18.66	1.10	19.75	1.14	20.53	1.16	21.93	1.18	23.02	1.20
		50	17.55	1.08	18.64	1.12	19.73	1.16	20.52	1.17	21.91	1.19	23.00	1.22
		55	17.54	1.09	18.63	1.13	19.72	1.17	20.50	1.19	21.89	1.21	22.98	1.23
		60	17.52	1.11	18.61	1.15	19.70	1.19	20.49	1.20	21.88	1.22	22.97	1.25
		65	17.51	1.12	18.60	1.16	19.69	1.20	20.47	1.22	21.86	1.24	22.95	1.26
		70	17.50	1.13	18.58	1.18	19.67	1.22	20.46	1.23	21.84	1.26	22.93	1.28
		75	17.08	1.20	18.16	1.24	19.24	1.28	20.03	1.30	21.41	1.32	22.50	1.35
		80	16.66	1.26	17.74	1.30	18.82	1.35	19.60	1.37	20.98	1.39	22.06	1.42
		85	16.24	1.32	17.32	1.37	18.40	1.42	19.17	1.43	20.55	1.46	21.63	1.49
		90	15.82	1.38	16.90	1.43	17.97	1.48	18.75	1.50	20.12	1.53	21.20	1.56
		95	15.37	1.44	16.44	1.49	17.51	1.55	**18.00**	**1.57**	19.65	1.59	20.72	1.63
		100	14.99	1.50	16.06	1.56	17.13	1.61	17.77	1.63	19.28	1.66	20.35	1.70
		105	14.62	1.56	15.69	1.62	16.76	1.68	17.53	1.70	18.90	1.73	19.97	1.76
		110	14.24	1.62	15.32	1.68	16.39	1.74	17.16	1.76	18.53	1.80	19.60	1.83
		115	13.87	1.68	14.94	1.75	16.01	1.81	16.79	1.83	18.15	1.87	19.22	1.90
		118	13.65	1.72	14.72	1.78	15.79	1.85	16.56	1.87	17.93	1.91	19.00	1.94
		122	13.57	1.77	14.64	1.84	15.71	1.90	16.49	1.92	17.85	1.96	18.92	2.00
Three (3) Ducted Indoor Units	9 + 9 + 9	14	17.65	0.95	18.74	0.99	19.84	1.03	20.63	1.04	22.03	1.06	23.12	1.08
		20	17.63	0.97	18.73	1.00	19.82	1.04	20.61	1.05	22.01	1.07	23.11	1.09
		25	17.62	0.98	18.71	1.02	19.81	1.05	20.60	1.07	22.00	1.09	23.09	1.11
		30	17.60	1.00	18.70	1.03	19.79	1.07	20.58	1.08	21.98	1.10	23.07	1.12
		35	17.59	1.01	18.68	1.05	19.78	1.08	20.57	1.10	21.96	1.12	23.05	1.14
		40	17.58	1.02	18.67	1.06	19.76	1.10	20.55	1.11	21.94	1.13	23.04	1.16
		45	17.56	1.04	18.66	1.07	19.75	1.11	20.53	1.13	21.93	1.15	23.02	1.17
		50	17.55	1.05	18.64	1.09	19.73	1.13	20.52	1.14	21.91	1.16	23.00	1.19
		55	17.54	1.06	18.63	1.10	19.72	1.14	20.50	1.16	21.89	1.18	22.98	1.20
		60	17.52	1.08	18.61	1.12	19.70	1.16	20.49	1.17	21.88	1.19	22.97	1.22
		65	17.51	1.09	18.60	1.13	19.69	1.17	20.47	1.19	21.86	1.21	22.95	1.23
		70	17.50	1.11	18.58	1.15	19.67	1.19	20.46	1.20	21.84	1.22	22.93	1.25
		75	17.08	1.16	18.16	1.21	19.24	1.25	20.03	1.27	21.41	1.29	22.50	1.32
		80	16.66	1.22	17.74	1.27	18.82	1.32	19.60	1.33	20.98	1.36	22.06	1.38
		85	16.24	1.28	17.32	1.33	18.40	1.38	19.17	1.40	20.55	1.42	21.63	1.45
		90	15.82	1.34	16.90	1.39	17.97	1.44	18.75	1.46	20.12	1.49	21.20	1.52
		95	15.37	1.40	16.44	1.45	17.51	1.51	**18.00**	**1.53**	19.65	1.55	20.72	1.58
		100	14.99	1.46	16.06	1.52	17.13	1.57	17.77	1.59	19.28	1.62	20.35	1.65
		105	14.62	1.52	15.69	1.58	16.76	1.64	17.53	1.65	18.90	1.69	19.97	1.72
		110	14.24	1.58	15.32	1.64	16.39	1.70	17.16	1.72	18.53	1.75	19.60	1.79
		115	13.87	1.64	14.94	1.70	16.01	1.76	16.79	1.78	18.15	1.82	19.22	1.85
		118	13.65	1.68	14.72	1.74	15.79	1.80	16.56	1.82	17.93	1.86	19.00	1.89
		122	13.57	1.73	14.64	1.79	15.71	1.85	16.49	1.87	17.85	1.91	18.92	1.95

TC = Total Capacity (kBtu/h).

PI = Power Input (kW).

Nominal capacity as rated: 0 ft. above sea level with 25 ft. of refrigerant piping.
0 ft. level difference between outdoor and indoor units.

Nominal cooling capacity rating obtained with air entering the indoor unit at 80°F dry bulb (DB) and 67°F wet bulb (WB), and outdoor ambient conditions of 95°F dry bulb (DB) and 75°F wet bulb (WB).

The shaded table rows indicate reference data. When operating at this temperature, these values can be different if the system is not running consistently.

Due to our policy of continuous product innovation, some specifications may change without notification.
©LG Electronics U.S.A., Inc., Englewood Cliffs, NJ. All rights reserved. "LG" is a registered trademark of LG Corp.

PERFORMANCE DATA

Cooling Capacity Tables

Table 35: LMU247HV Cooling Capacity Table — Ducted Indoor Units (continued).

Connected Indoor Units	Combination Capacity Index	Outdoor Air Temp. (°F DB)	Indoor Air Temp. °F DB / °F WB											
			68 /57		73 / 61		77 / 64		80 / 67		86 / 72		90 / 75	
			TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
Three (3) Ducted Indoor Units	9 + 9 + 12	14	17.65	0.95	18.74	0.99	19.84	1.03	20.63	1.04	22.03	1.06	23.12	1.08
		20	17.63	0.97	18.73	1.00	19.82	1.04	20.61	1.05	22.01	1.07	23.11	1.09
		25	17.62	0.98	18.71	1.02	19.81	1.05	20.60	1.07	22.00	1.09	23.09	1.11
		30	17.60	1.00	18.70	1.03	19.79	1.07	20.58	1.08	21.98	1.10	23.07	1.12
		35	17.59	1.01	18.68	1.05	19.78	1.08	20.57	1.10	21.96	1.12	23.05	1.14
		40	17.58	1.02	18.67	1.06	19.76	1.10	20.55	1.11	21.94	1.13	23.04	1.16
		45	17.56	1.04	18.66	1.07	19.75	1.11	20.53	1.13	21.93	1.15	23.02	1.17
		50	17.55	1.05	18.64	1.09	19.73	1.13	20.52	1.14	21.91	1.16	23.00	1.19
		55	17.54	1.06	18.63	1.10	19.72	1.14	20.50	1.16	21.89	1.18	22.98	1.20
		60	17.52	1.08	18.61	1.12	19.70	1.16	20.49	1.17	21.88	1.19	22.97	1.22
		65	17.51	1.09	18.60	1.13	19.69	1.17	20.47	1.19	21.86	1.21	22.95	1.23
		70	17.50	1.11	18.58	1.15	19.67	1.19	20.46	1.20	21.84	1.22	22.93	1.25
		75	17.08	1.16	18.16	1.21	19.24	1.25	20.03	1.27	21.41	1.29	22.50	1.32
		80	16.66	1.22	17.74	1.27	18.82	1.32	19.60	1.33	20.98	1.36	22.06	1.38
		85	16.24	1.28	17.32	1.33	18.40	1.38	19.17	1.40	20.55	1.42	21.63	1.45
		90	15.82	1.34	16.90	1.39	17.97	1.44	18.75	1.46	20.12	1.49	21.20	1.52
		95	15.37	1.40	16.44	1.45	17.51	1.51	**18.00**	**1.53**	19.65	1.55	20.72	1.58
		100	14.99	1.46	16.06	1.52	17.13	1.57	17.77	1.59	19.28	1.62	20.35	1.65
		105	14.62	1.52	15.69	1.58	16.76	1.64	17.53	1.65	18.90	1.69	19.97	1.72
		110	14.24	1.58	15.32	1.64	16.39	1.70	17.16	1.72	18.53	1.75	19.60	1.79
		115	13.87	1.64	14.94	1.70	16.01	1.76	16.79	1.78	18.15	1.82	19.22	1.85
		118	13.65	1.68	14.72	1.74	15.79	1.80	16.56	1.82	17.93	1.86	19.00	1.89
		122	13.57	1.73	14.64	1.79	15.71	1.85	16.49	1.87	17.85	1.91	18.92	1.95
	9 + 12 + 12	14	17.65	0.95	18.74	0.99	19.84	1.03	20.63	1.04	22.03	1.06	23.12	1.08
		20	17.63	0.97	18.73	1.00	19.82	1.04	20.61	1.05	22.01	1.07	23.11	1.09
		25	17.62	0.98	18.71	1.02	19.81	1.05	20.60	1.07	22.00	1.09	23.09	1.11
		30	17.60	1.00	18.70	1.03	19.79	1.07	20.58	1.08	21.98	1.10	23.07	1.12
		35	17.59	1.01	18.68	1.05	19.78	1.08	20.57	1.10	21.96	1.12	23.05	1.14
		40	17.58	1.02	18.67	1.06	19.76	1.10	20.55	1.11	21.94	1.13	23.04	1.16
		45	17.56	1.04	18.66	1.07	19.75	1.11	20.53	1.13	21.93	1.15	23.02	1.17
		50	17.55	1.05	18.64	1.09	19.73	1.13	20.52	1.14	21.91	1.16	23.00	1.19
		55	17.54	1.06	18.63	1.10	19.72	1.14	20.50	1.16	21.89	1.18	22.98	1.20
		60	17.52	1.08	18.61	1.12	19.70	1.16	20.49	1.17	21.88	1.19	22.97	1.22
		65	17.51	1.09	18.60	1.13	19.69	1.17	20.47	1.19	21.86	1.21	22.95	1.23
		70	17.50	1.11	18.58	1.15	19.67	1.19	20.46	1.20	21.84	1.22	22.93	1.25
		75	17.08	1.16	18.16	1.21	19.24	1.25	20.03	1.27	21.41	1.29	22.50	1.32
		80	16.66	1.22	17.74	1.27	18.82	1.32	19.60	1.33	20.98	1.36	22.06	1.38
		85	16.24	1.28	17.32	1.33	18.40	1.38	19.17	1.40	20.55	1.42	21.63	1.45
		90	15.82	1.34	16.90	1.39	17.97	1.44	18.75	1.46	20.12	1.49	21.20	1.52
		95	15.37	1.40	16.44	1.45	17.51	1.51	**18.00**	**1.53**	19.65	1.55	20.72	1.58
		100	14.99	1.46	16.06	1.52	17.13	1.57	17.77	1.59	19.28	1.62	20.35	1.65
		105	14.62	1.52	15.69	1.58	16.76	1.64	17.53	1.65	18.90	1.69	19.97	1.72
		110	14.24	1.58	15.32	1.64	16.39	1.70	17.16	1.72	18.53	1.75	19.60	1.79
		115	13.87	1.64	14.94	1.70	16.01	1.76	16.79	1.78	18.15	1.82	19.22	1.85
		118	13.65	1.68	14.72	1.74	15.79	1.80	16.56	1.82	17.93	1.86	19.00	1.89
		122	13.57	1.73	14.64	1.79	15.71	1.85	16.49	1.87	17.85	1.91	18.92	1.95

TC = Total Capacity (kBtu/h).

PI = Power Input (kW).

Nominal capacity as rated: 0 ft. above sea level with 25 ft. of refrigerant piping.
0 ft. level difference between outdoor and indoor units.

Nominal cooling capacity rating obtained with air entering the indoor unit at 80°F dry bulb (DB) and 67°F wet bulb (WB), and outdoor ambient conditions of 95°F dry bulb (DB) and 75°F wet bulb (WB).

The shaded table rows indicate reference data. When operating at this temperature, these values can be different if the system is not running consistently.

Due to our policy of continuous product innovation, some specifications may change without notification.
©LG Electronics U.S.A., Inc., Englewood Cliffs, NJ. All rights reserved. "LG" is a registered trademark of LG Corp.

PERFORMANCE DATA

Cooling Capacity Tables

Table 36: LMU247HV Cooling Capacity Table — Mixed Indoor Units.

Connected Indoor Units	Combination Capacity Index	Outdoor Air Temp. (°F DB)	Indoor Air Temp. °F DB / °F WB											
			68 / 57		73 / 61		77 / 64		80 / 67		86 / 72		90 / 75	
			TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
Two (2) Mixed Indoor Units	9 + 9	14	16.47	0.89	17.49	0.92	18.51	0.96	19.25	0.97	20.56	0.99	21.58	1.00
		20	16.46	0.90	17.48	0.94	18.50	0.97	19.24	0.98	20.54	1.00	21.57	1.02
		25	16.44	0.92	17.47	0.95	18.49	0.98	19.22	0.99	20.53	1.01	21.55	1.03
		30	16.43	0.93	17.45	0.96	18.47	1.00	19.21	1.01	20.51	1.03	21.53	1.05
		35	16.42	0.94	17.44	0.98	18.46	1.01	19.19	1.02	20.50	1.04	21.52	1.06
		40	16.41	0.95	17.43	0.99	18.44	1.02	19.18	1.04	20.48	1.06	21.50	1.08
		45	16.39	0.97	17.41	1.00	18.43	1.04	19.17	1.05	20.47	1.07	21.48	1.09
		50	16.38	0.98	17.40	1.02	18.42	1.05	19.15	1.06	20.45	1.08	21.47	1.11
		55	16.37	0.99	17.39	1.03	18.40	1.07	19.14	1.08	20.43	1.10	21.45	1.12
		60	16.36	1.00	17.37	1.04	18.39	1.08	19.12	1.09	20.42	1.11	21.43	1.13
		65	16.34	1.02	17.36	1.05	18.37	1.09	19.11	1.11	20.40	1.13	21.42	1.15
		70	16.33	1.03	17.35	1.07	18.36	1.11	19.09	1.12	20.39	1.14	21.40	1.16
		75	15.94	1.09	16.95	1.13	17.96	1.17	18.69	1.18	19.98	1.20	21.00	1.23
		80	15.54	1.14	16.55	1.18	17.56	1.23	18.29	1.24	19.58	1.26	20.59	1.29
		85	15.16	1.20	16.16	1.24	17.17	1.29	17.90	1.30	19.18	1.33	20.19	1.35
		90	14.77	1.25	15.77	1.30	16.77	1.35	17.50	1.36	18.78	1.39	19.79	1.41
		95	14.34	1.31	15.34	1.36	16.34	1.41	**16.80**	**1.42**	18.34	1.45	19.34	1.48
		100	13.99	1.36	14.99	1.41	15.99	1.47	16.58	1.48	17.99	1.51	18.99	1.54
		105	13.64	1.42	14.64	1.47	15.64	1.53	16.36	1.54	17.64	1.57	18.64	1.60
		110	13.30	1.48	14.29	1.53	15.29	1.58	16.02	1.60	17.29	1.63	18.29	1.67
		115	12.95	1.53	13.95	1.59	14.94	1.64	15.67	1.66	16.94	1.69	17.94	1.73
		118	12.74	1.56	13.74	1.62	14.73	1.68	15.46	1.70	16.73	1.73	17.73	1.77
		122	12.67	1.61	13.67	1.67	14.67	1.73	15.39	1.75	16.66	1.78	17.66	1.82
	9 + 12	14	17.01	0.90	18.06	0.94	19.12	0.97	19.88	0.98	21.23	1.00	22.29	1.02
		20	17.00	0.92	18.05	0.95	19.11	0.98	19.87	1.00	21.22	1.01	22.27	1.04
		25	16.98	0.93	18.04	0.96	19.09	1.00	19.85	1.01	21.20	1.03	22.26	1.05
		30	16.97	0.94	18.02	0.98	19.08	1.01	19.84	1.02	21.18	1.04	22.24	1.06
		35	16.96	0.96	18.01	0.99	19.06	1.03	19.82	1.04	21.17	1.06	22.22	1.08
		40	16.94	0.97	18.00	1.00	19.05	1.04	19.81	1.05	21.15	1.07	22.20	1.09
		45	16.93	0.98	17.98	1.02	19.03	1.05	19.79	1.07	21.14	1.09	22.19	1.11
		50	16.92	0.99	17.97	1.03	19.02	1.07	19.78	1.08	21.12	1.10	22.17	1.12
		55	16.90	1.01	17.95	1.04	19.00	1.08	19.76	1.09	21.10	1.12	22.15	1.14
		60	16.89	1.02	17.94	1.06	18.99	1.10	19.75	1.11	21.09	1.13	22.14	1.15
		65	16.88	1.03	17.93	1.07	18.97	1.11	19.73	1.12	21.07	1.14	22.12	1.17
		70	16.87	1.05	17.91	1.08	18.96	1.12	19.72	1.14	21.06	1.16	22.10	1.18
		75	16.46	1.10	17.50	1.14	18.55	1.18	19.30	1.20	20.64	1.22	21.68	1.25
		80	16.05	1.16	17.10	1.20	18.14	1.25	18.89	1.26	20.22	1.28	21.27	1.31
		85	15.65	1.22	16.69	1.26	17.73	1.31	18.48	1.32	19.81	1.35	20.85	1.37
		90	15.25	1.27	16.29	1.32	17.32	1.37	18.07	1.38	19.40	1.41	20.43	1.44
		95	14.81	1.33	15.84	1.38	16.88	1.43	**17.35**	**1.44**	18.94	1.47	19.97	1.50
		100	14.45	1.39	15.48	1.44	16.52	1.49	17.13	1.51	18.58	1.53	19.61	1.56
		105	14.09	1.44	15.12	1.49	16.16	1.55	16.90	1.57	18.22	1.60	19.25	1.63
		110	13.73	1.50	14.76	1.55	15.79	1.61	16.54	1.63	17.86	1.66	18.89	1.69
		115	13.37	1.55	14.40	1.61	15.43	1.67	16.18	1.69	17.50	1.72	18.53	1.76
		118	13.15	1.59	14.19	1.65	15.22	1.71	15.96	1.73	17.28	1.76	18.31	1.79
		122	13.08	1.63	14.11	1.69	15.15	1.76	15.89	1.78	17.21	1.81	18.24	1.84

TC = Total Capacity (kBtu/h).

PI = Power Input (kW).

Nominal capacity as rated: 0 ft. above sea level with 25 ft. of refrigerant piping.
0 ft. level difference between outdoor and indoor units.

Nominal cooling capacity rating obtained with air entering the indoor unit at 80ºF dry bulb (DB) and 67ºF wet bulb (WB), and outdoor ambient conditions of 95ºF dry bulb (DB) and 75ºF wet bulb (WB).

The shaded rows indicate reference data. When operating at this temperature, these values can be different if the system is not running consistently.

Due to our policy of continuous product innovation, some specifications may change without notification.
©LG Electronics U.S.A., Inc., Englewood Cliffs, NJ. All rights reserved. "LG" is a registered trademark of LG Corp.

PERFORMANCE DATA

Cooling Capacity Tables

Table 37: LMU247HV Cooling Capacity Table — Mixed Indoor Units.

Connected Indoor Units	Combination Capacity Index	Outdoor Air Temp. (°F DB)	Indoor Air Temp. °F DB / °F WB											
			68 / 57		73 / 61		77 / 64		80 / 67		86 / 72		90 / 75	
			TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
Two (2) Mixed Indoor Units	12 + 12	14	18.23	0.95	19.37	0.98	20.50	1.02	21.32	1.03	22.76	1.05	23.90	1.07
		20	18.22	0.96	19.35	1.00	20.48	1.03	21.30	1.05	22.75	1.07	23.88	1.09
		25	18.21	0.98	19.34	1.01	20.47	1.05	21.28	1.06	22.73	1.08	23.86	1.10
		30	18.19	0.99	19.32	1.03	20.45	1.06	21.27	1.08	22.71	1.10	23.84	1.12
		35	18.18	1.00	19.31	1.04	20.44	1.08	21.25	1.09	22.69	1.11	23.82	1.13
		40	18.16	1.02	19.29	1.05	20.42	1.09	21.23	1.11	22.68	1.13	23.80	1.15
		45	18.15	1.03	19.28	1.07	20.40	1.11	21.22	1.12	22.66	1.14	23.79	1.16
		50	18.14	1.04	19.26	1.08	20.39	1.12	21.20	1.14	22.64	1.16	23.77	1.18
		55	18.12	1.06	19.25	1.10	20.37	1.14	21.19	1.15	22.62	1.17	23.75	1.20
		60	18.11	1.07	19.23	1.11	20.36	1.15	21.17	1.17	22.61	1.19	23.73	1.21
		65	18.09	1.09	19.22	1.13	20.34	1.17	21.15	1.18	22.59	1.20	23.71	1.23
		70	18.08	1.10	19.20	1.14	20.33	1.18	21.14	1.19	22.57	1.22	23.69	1.24
		75	17.65	1.16	18.77	1.20	19.89	1.24	20.69	1.26	22.13	1.28	23.25	1.31
		80	17.21	1.22	18.33	1.26	19.45	1.31	20.25	1.32	21.68	1.35	22.80	1.38
		85	16.78	1.28	17.89	1.32	19.01	1.37	19.81	1.39	21.24	1.41	22.35	1.44
		90	16.35	1.34	17.46	1.39	18.57	1.44	19.37	1.45	20.80	1.48	21.91	1.51
		95	15.88	1.40	16.99	1.45	18.09	1.50	**18.60**	**1.52**	20.31	1.55	21.41	1.58
		100	15.49	1.46	16.60	1.51	17.71	1.56	18.36	1.58	19.92	1.61	21.02	1.64
		105	15.11	1.51	16.21	1.57	17.32	1.63	18.12	1.65	19.53	1.68	20.64	1.71
		110	14.72	1.57	15.83	1.63	16.93	1.69	17.73	1.71	19.14	1.74	20.25	1.78
		115	14.33	1.63	15.44	1.69	16.55	1.75	17.34	1.77	18.76	1.81	19.86	1.84
		118	14.10	1.67	15.21	1.73	16.31	1.79	17.11	1.81	18.53	1.85	19.63	1.88
		122	14.02	1.72	15.13	1.78	16.24	1.84	17.04	1.87	18.45	1.90	19.56	1.94
	9 + 18	14	18.23	0.95	19.37	0.98	20.50	1.02	21.32	1.03	22.76	1.05	23.90	1.07
		20	18.22	0.96	19.35	1.00	20.48	1.03	21.30	1.05	22.75	1.07	23.88	1.09
		25	18.21	0.98	19.34	1.01	20.47	1.05	21.28	1.06	22.73	1.08	23.86	1.10
		30	18.19	0.99	19.32	1.03	20.45	1.06	21.27	1.08	22.71	1.10	23.84	1.12
		35	18.18	1.00	19.31	1.04	20.44	1.08	21.25	1.09	22.69	1.11	23.82	1.13
		40	18.16	1.02	19.29	1.05	20.42	1.09	21.23	1.11	22.68	1.13	23.80	1.15
		45	18.15	1.03	19.28	1.07	20.40	1.11	21.22	1.12	22.66	1.14	23.79	1.16
		50	18.14	1.04	19.26	1.08	20.39	1.12	21.20	1.14	22.64	1.16	23.77	1.18
		55	18.12	1.06	19.25	1.10	20.37	1.14	21.19	1.15	22.62	1.17	23.75	1.20
		60	18.11	1.07	19.23	1.11	20.36	1.15	21.17	1.17	22.61	1.19	23.73	1.21
		65	18.09	1.09	19.22	1.13	20.34	1.17	21.15	1.18	22.59	1.20	23.71	1.23
		70	18.08	1.10	19.20	1.14	20.33	1.18	21.14	1.19	22.57	1.22	23.69	1.24
		75	17.65	1.16	18.77	1.20	19.89	1.24	20.69	1.26	22.13	1.28	23.25	1.31
		80	17.21	1.22	18.33	1.26	19.45	1.31	20.25	1.32	21.68	1.35	22.80	1.38
		85	16.78	1.28	17.89	1.32	19.01	1.37	19.81	1.39	21.24	1.41	22.35	1.44
		90	16.35	1.34	17.46	1.39	18.57	1.44	19.37	1.45	20.80	1.48	21.91	1.51
		95	15.88	1.40	16.99	1.45	18.09	1.50	**18.60**	**1.52**	20.31	1.55	21.41	1.58
		100	15.49	1.46	16.60	1.51	17.71	1.56	18.36	1.58	19.92	1.61	21.02	1.64
		105	15.11	1.51	16.21	1.57	17.32	1.63	18.12	1.65	19.53	1.68	20.64	1.71
		110	14.72	1.57	15.83	1.63	16.93	1.69	17.73	1.71	19.14	1.74	20.25	1.78
		115	14.33	1.63	15.44	1.69	16.55	1.75	17.34	1.77	18.76	1.81	19.86	1.84
		118	14.10	1.67	15.21	1.73	16.31	1.79	17.11	1.81	18.53	1.85	19.63	1.88
		122	14.02	1.72	15.13	1.78	16.24	1.84	17.04	1.87	18.45	1.90	19.56	1.94

TC = Total Capacity (kBtu/h).

PI = Power Input (kW).

Nominal capacity as rated: 0 ft. above sea level with 25 ft. of refrigerant piping.
0 ft. level difference between outdoor and indoor units.

Nominal cooling capacity rating obtained with air entering the indoor unit at 80ºF dry bulb (DB) and 67ºF wet bulb (WB), and outdoor ambient conditions of 95ºF dry bulb (DB) and 75ºF wet bulb (WB).

The shaded rows indicate reference data. When operating at this temperature, these values can be different if the system is not running consistently.

Due to our policy of continuous product innovation, some specifications may change without notification.
©LG Electronics U.S.A., Inc., Englewood Cliffs, NJ. All rights reserved. "LG" is a registered trademark of LG Corp.

PERFORMANCE DATA

Cooling Capacity Tables

Table 38: LMU247HV Cooling Capacity Table — Mixed Indoor Units.

Connected Indoor Units	Combination Capacity Index	Outdoor Air Temp. (°F DB)	Indoor Air Temp. °F DB / °F WB											
			68 / 57		73 / 61		77 / 64		80 / 67		86 / 72		90 / 75	
			TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
Two (2) Mixed Indoor Units	12 + 18	14	18.23	0.95	19.37	0.98	20.50	1.02	21.32	1.03	22.76	1.05	23.90	1.07
		20	18.22	0.96	19.35	1.00	20.48	1.03	21.30	1.05	22.75	1.07	23.88	1.09
		25	18.21	0.98	19.34	1.01	20.47	1.05	21.28	1.06	22.73	1.08	23.86	1.10
		30	18.19	0.99	19.32	1.03	20.45	1.06	21.27	1.08	22.71	1.10	23.84	1.12
		35	18.18	1.00	19.31	1.04	20.44	1.08	21.25	1.09	22.69	1.11	23.82	1.13
		40	18.16	1.02	19.29	1.05	20.42	1.09	**21.23**	**1.11**	22.68	1.13	23.80	1.15
		45	18.15	1.03	19.28	1.07	20.40	1.11	21.22	1.12	22.66	1.14	23.79	1.16
		50	18.14	1.04	19.26	1.08	20.39	1.12	21.20	1.14	22.64	1.16	23.77	1.18
		55	18.12	1.06	19.25	1.10	20.37	1.14	21.19	1.15	22.62	1.17	23.75	1.20
		60	18.11	1.07	19.23	1.11	20.36	1.15	21.17	1.17	22.61	1.19	23.73	1.21
		65	18.09	1.09	19.22	1.13	20.34	1.17	21.15	1.18	22.59	1.20	23.71	1.23
		70	18.08	1.10	19.20	1.14	20.33	1.18	21.14	1.19	22.57	1.22	23.69	1.24
		75	17.65	1.16	18.77	1.20	19.89	1.24	20.69	1.26	22.13	1.28	23.25	1.31
		80	17.21	1.22	18.33	1.26	19.45	1.31	20.25	1.32	21.68	1.35	22.80	1.38
		85	16.78	1.28	17.89	1.32	19.01	1.37	19.81	1.39	21.24	1.41	22.35	1.44
		90	16.35	1.34	17.46	1.39	18.57	1.44	19.37	1.45	20.80	1.48	21.91	1.51
		95	15.88	1.40	16.99	1.45	18.09	1.50	**18.60**	**1.52**	20.31	1.55	21.41	1.58
		100	15.49	1.46	16.60	1.51	17.71	1.56	18.36	1.58	19.92	1.61	21.02	1.64
		105	15.11	1.51	16.21	1.57	17.32	1.63	18.12	1.65	19.53	1.68	20.64	1.71
		110	14.72	1.57	15.83	1.63	16.93	1.69	17.73	1.71	19.14	1.74	20.25	1.78
		115	14.33	1.63	15.44	1.69	16.55	1.75	17.34	1.77	18.76	1.81	19.86	1.84
		118	14.10	1.67	15.21	1.73	16.31	1.79	17.11	1.81	18.53	1.85	19.63	1.88
		122	14.02	1.72	15.13	1.78	16.24	1.84	17.04	1.87	18.45	1.90	19.56	1.94
Three (3) Mixed Indoor Units	9 + 9 + 9	14	18.23	0.92	19.37	0.96	20.50	0.99	21.32	1.01	22.76	1.02	23.90	1.04
		20	18.22	0.94	19.35	0.97	20.48	1.01	21.30	1.02	22.75	1.04	23.88	1.06
		25	18.21	0.95	19.34	0.99	20.47	1.02	21.28	1.03	22.73	1.05	23.86	1.07
		30	18.19	0.96	19.32	1.00	20.45	1.04	21.27	1.05	22.71	1.07	23.84	1.09
		35	18.18	0.98	19.31	1.01	20.44	1.05	21.25	1.06	22.69	1.08	23.82	1.10
		40	18.16	0.99	19.29	1.03	20.42	1.07	**21.23**	**1.08**	22.68	1.10	23.80	1.12
		45	18.15	1.00	19.28	1.04	20.40	1.08	21.22	1.09	22.66	1.11	23.79	1.13
		50	18.14	1.02	19.26	1.06	20.39	1.09	21.20	1.11	22.64	1.13	23.77	1.15
		55	18.12	1.03	19.25	1.07	20.37	1.11	21.19	1.12	22.62	1.14	23.75	1.16
		60	18.11	1.04	19.23	1.08	20.36	1.12	21.17	1.14	22.61	1.16	23.73	1.18
		65	18.09	1.06	19.22	1.10	20.34	1.14	21.15	1.15	22.59	1.17	23.71	1.19
		70	18.08	1.07	19.20	1.11	20.33	1.15	21.14	1.16	22.57	1.19	23.69	1.21
		75	17.65	1.13	18.77	1.17	19.89	1.21	20.69	1.23	22.13	1.25	23.25	1.27
		80	17.21	1.19	18.33	1.23	19.45	1.27	20.25	1.29	21.68	1.31	22.80	1.34
		85	16.78	1.24	17.89	1.29	19.01	1.34	19.81	1.35	21.24	1.38	22.35	1.41
		90	16.35	1.30	17.46	1.35	18.57	1.40	19.37	1.42	20.80	1.44	21.91	1.47
		95	15.88	1.36	16.99	1.41	18.09	1.46	**18.60**	**1.48**	20.31	1.51	21.41	1.54
		100	15.49	1.42	16.60	1.47	17.71	1.52	18.36	1.54	19.92	1.57	21.02	1.60
		105	15.11	1.48	16.21	1.53	17.32	1.59	18.12	1.60	19.53	1.63	20.64	1.67
		110	14.72	1.53	15.83	1.59	16.93	1.65	17.73	1.67	19.14	1.70	20.25	1.73
		115	14.33	1.59	15.44	1.65	16.55	1.71	17.34	1.73	18.76	1.76	19.86	1.80
		118	14.10	1.63	15.21	1.69	16.31	1.75	17.11	1.77	18.53	1.80	19.63	1.84
		122	14.02	1.67	15.13	1.73	16.24	1.80	17.04	1.82	18.45	1.85	19.56	1.89

TC = Total Capacity (kBtu/h).

PI = Power Input (kW).

Nominal capacity as rated: 0 ft. above sea level with 25 ft. of refrigerant piping.
0 ft. level difference between outdoor and indoor units.

Nominal cooling capacity rating obtained with air entering the indoor unit at 80°F dry bulb (DB) and 67°F wet bulb (WB), and outdoor ambient conditions of 95°F dry bulb (DB) and 75°F wet bulb (WB).

The shaded table rows indicate reference data. When operating at this temperature, these values can be different if the system is not running consistently.

Due to our policy of continuous product innovation, some specifications may change without notification.
©LG Electronics U.S.A., Inc., Englewood Cliffs, NJ. All rights reserved. "LG" is a registered trademark of LG Corp.

PERFORMANCE DATA

Cooling Capacity Tables

Table 39: LMU247HV Cooling Capacity Table — Mixed Indoor Units.

Connected Indoor Units	Combination Capacity Index	Outdoor Air Temp. (°F DB)	Indoor Air Temp. °F DB / °F WB											
			68 / 57		73 / 61		77 / 64		80 / 67		86 / 72		90 / 75	
			TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
Three (3) Mixed Indoor Units	9 + 9 + 12	14	18.23	0.92	19.37	0.96	20.50	0.99	21.32	1.01	22.76	1.02	23.90	1.04
		20	18.22	0.94	19.35	0.97	20.48	1.01	21.30	1.02	22.75	1.04	23.88	1.06
		25	18.21	0.95	19.34	0.99	20.47	1.02	21.28	1.03	22.73	1.05	23.86	1.07
		30	18.19	0.96	19.32	1.00	20.45	1.04	21.27	1.05	22.71	1.07	23.84	1.09
		35	18.18	0.98	19.31	1.01	20.44	1.05	21.25	1.06	22.69	1.08	23.82	1.10
		40	18.16	0.99	19.29	1.03	20.42	1.07	21.23	1.08	22.68	1.10	23.80	1.12
		45	18.15	1.00	19.28	1.04	20.40	1.08	21.22	1.09	22.66	1.11	23.79	1.13
		50	18.14	1.02	19.26	1.06	20.39	1.09	21.20	1.11	22.64	1.13	23.77	1.15
		55	18.12	1.03	19.25	1.07	20.37	1.11	21.19	1.12	22.62	1.14	23.75	1.16
		60	18.11	1.04	19.23	1.08	20.36	1.12	21.17	1.14	22.61	1.16	23.73	1.18
		65	18.09	1.06	19.22	1.10	20.34	1.14	21.15	1.15	22.59	1.17	23.71	1.19
		70	18.08	1.07	19.20	1.11	20.33	1.15	21.14	1.16	22.57	1.19	23.69	1.21
		75	17.65	1.13	18.77	1.17	19.89	1.21	20.69	1.23	22.13	1.25	23.25	1.27
		80	17.21	1.19	18.33	1.23	19.45	1.27	20.25	1.29	21.68	1.31	22.80	1.34
		85	16.78	1.24	17.89	1.29	19.01	1.34	19.81	1.35	21.24	1.38	22.35	1.41
		90	16.35	1.30	17.46	1.35	18.57	1.40	19.37	1.42	20.80	1.44	21.91	1.47
		95	15.88	1.36	16.99	1.41	18.09	1.46	**18.60**	**1.48**	20.31	1.51	21.41	1.54
		100	15.49	1.42	16.60	1.47	17.71	1.52	18.36	1.54	19.92	1.57	21.02	1.60
		105	15.11	1.48	16.21	1.53	17.32	1.59	18.12	1.60	19.53	1.63	20.64	1.67
		110	14.72	1.53	15.83	1.59	16.93	1.65	17.73	1.67	19.14	1.70	20.25	1.73
		115	14.33	1.59	15.44	1.65	16.55	1.71	17.34	1.73	18.76	1.76	19.86	1.80
		118	14.10	1.63	15.21	1.69	16.31	1.75	17.11	1.77	18.53	1.80	19.63	1.84
		122	14.02	1.67	15.13	1.73	16.24	1.80	17.04	1.82	18.45	1.85	19.56	1.89
	9 + 12 + 12	14	18.23	0.92	19.37	0.96	20.50	0.99	21.32	1.01	22.76	1.02	23.90	1.04
		20	18.22	0.94	19.35	0.97	20.48	1.01	21.30	1.02	22.75	1.04	23.88	1.06
		25	18.21	0.95	19.34	0.99	20.47	1.02	21.28	1.03	22.73	1.05	23.86	1.07
		30	18.19	0.96	19.32	1.00	20.45	1.04	21.27	1.05	22.71	1.07	23.84	1.09
		35	18.18	0.98	19.31	1.01	20.44	1.05	21.25	1.06	22.69	1.08	23.82	1.10
		40	18.16	0.99	19.29	1.03	20.42	1.07	21.23	1.08	22.68	1.10	23.80	1.12
		45	18.15	1.00	19.28	1.04	20.40	1.08	21.22	1.09	22.66	1.11	23.79	1.13
		50	18.14	1.02	19.26	1.06	20.39	1.09	21.20	1.11	22.64	1.13	23.77	1.15
		55	18.12	1.03	19.25	1.07	20.37	1.11	21.19	1.12	22.62	1.14	23.75	1.16
		60	18.11	1.04	19.23	1.08	20.36	1.12	21.17	1.14	22.61	1.16	23.73	1.18
		65	18.09	1.06	19.22	1.10	20.34	1.14	21.15	1.15	22.59	1.17	23.71	1.19
		70	18.08	1.07	19.20	1.11	20.33	1.15	21.14	1.16	22.57	1.19	23.69	1.21
		75	17.65	1.13	18.77	1.17	19.89	1.21	20.69	1.23	22.13	1.25	23.25	1.27
		80	17.21	1.19	18.33	1.23	19.45	1.27	20.25	1.29	21.68	1.31	22.80	1.34
		85	16.78	1.24	17.89	1.29	19.01	1.34	19.81	1.35	21.24	1.38	22.35	1.41
		90	16.35	1.30	17.46	1.35	18.57	1.40	19.37	1.42	20.80	1.44	21.91	1.47
		95	15.88	1.36	16.99	1.41	18.09	1.46	**18.60**	**1.48**	20.31	1.51	21.41	1.54
		100	15.49	1.42	16.60	1.47	17.71	1.52	18.36	1.54	19.92	1.57	21.02	1.60
		105	15.11	1.48	16.21	1.53	17.32	1.59	18.12	1.60	19.53	1.63	20.64	1.67
		110	14.72	1.53	15.83	1.59	16.93	1.65	17.73	1.67	19.14	1.70	20.25	1.73
		115	14.33	1.59	15.44	1.65	16.55	1.71	17.34	1.73	18.76	1.76	19.86	1.80
		118	14.10	1.63	15.21	1.69	16.31	1.75	17.11	1.77	18.53	1.80	19.63	1.84
		122	14.02	1.67	15.13	1.73	16.24	1.80	17.04	1.82	18.45	1.85	19.56	1.89

TC = Total Capacity (kBtu/h).

PI = Power Input (kW).

Nominal capacity as rated: 0 ft. above sea level with 25 ft. of refrigerant piping.
0 ft. level difference between outdoor and indoor units.

Nominal cooling capacity rating obtained with air entering the indoor unit at 80ºF dry bulb (DB) and 67ºF wet bulb (WB), and outdoor ambient conditions of 95ºF dry bulb (DB) and 75ºF wet bulb (WB).

The shaded table rows indicate reference data. When operating at this temperature, these values can be different if the system is not running consistently.

Due to our policy of continuous product innovation, some specifications may change without notification.
©LG Electronics U.S.A., Inc., Englewood Cliffs, NJ. All rights reserved. "LG" is a registered trademark of LG Corp.

PERFORMANCE DATA

Cooling Capacity Tables

Table 40: LMU369HV Cooling Capacity Table — Non-Ducted Indoor Units.

Connected Indoor Units	Combination Capacity Index	Outdoor Air Temp. (°F DB)	Indoor Air Temp. °F DB / °F WB											
			68 / 57		73 / 61		77 / 64		80 / 67		86 / 72		90 / 75	
			TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
Two (2) Non-Ducted Indoor Units	9 + 9	14	17.65	1.19	18.74	1.23	19.84	1.28	20.63	1.29	22.03	1.32	23.12	1.34
		20	17.63	1.21	18.73	1.25	19.82	1.30	20.61	1.31	22.01	1.34	23.11	1.36
		25	17.62	1.22	18.71	1.27	19.81	1.31	20.60	1.33	22.00	1.35	23.09	1.38
		30	17.60	1.24	18.70	1.29	19.79	1.33	20.58	1.35	21.98	1.37	23.07	1.40
		35	17.59	1.26	18.68	1.30	19.78	1.35	20.57	1.37	21.96	1.39	23.05	1.42
		40	17.58	1.27	18.67	1.32	19.76	1.37	20.55	1.38	21.94	1.41	23.04	1.44
		45	17.56	1.29	18.66	1.34	19.75	1.39	20.53	1.40	21.93	1.43	23.02	1.46
		50	17.55	1.31	18.64	1.36	19.73	1.41	20.52	1.42	21.91	1.45	23.00	1.48
		55	17.54	1.33	18.63	1.37	19.72	1.42	20.50	1.44	21.89	1.47	22.98	1.50
		60	17.52	1.34	18.61	1.39	19.70	1.44	20.49	1.46	21.88	1.49	22.97	1.52
		65	17.51	1.36	18.60	1.41	19.69	1.46	20.47	1.48	21.86	1.51	22.95	1.54
		70	17.50	1.38	18.58	1.43	19.67	1.48	20.46	1.50	21.84	1.52	22.93	1.56
		75	17.08	1.45	18.16	1.50	19.24	1.56	20.03	1.58	21.41	1.61	22.50	1.64
		80	16.66	1.53	17.74	1.58	18.82	1.64	19.60	1.66	20.98	1.69	22.06	1.72
		85	16.24	1.60	17.32	1.66	18.40	1.72	19.17	1.74	20.55	1.77	21.63	1.81
		90	15.82	1.67	16.90	1.74	17.97	1.80	18.75	1.82	20.12	1.85	21.20	1.89
		95	15.37	1.75	16.44	1.81	17.51	1.88	**18.00**	**1.90**	19.65	1.94	20.72	1.97
		100	14.99	1.82	16.06	1.89	17.13	1.96	17.77	1.98	19.28	2.02	20.35	2.06
		105	14.62	1.90	15.69	1.97	16.76	2.04	17.53	2.06	18.90	2.10	19.97	2.14
		110	14.24	1.97	15.32	2.04	16.39	2.12	17.16	2.14	18.53	2.18	19.60	2.23
		115	13.87	2.05	14.94	2.12	16.01	2.20	16.79	2.22	18.15	2.26	19.22	2.31
		118	13.65	2.09	14.72	2.17	15.79	2.25	16.56	2.27	17.93	2.31	19.00	2.36
		122	13.57	2.15	14.64	2.23	15.71	2.31	16.49	2.34	17.85	2.38	18.92	2.43
	9 + 12	14	20.59	1.32	21.86	1.37	23.14	1.42	24.07	1.43	25.70	1.46	26.98	1.49
		20	20.57	1.34	21.85	1.39	23.13	1.44	24.05	1.46	25.68	1.48	26.96	1.51
		25	20.55	1.36	21.83	1.41	23.11	1.46	24.03	1.48	25.66	1.50	26.94	1.53
		30	20.54	1.38	21.81	1.43	23.09	1.48	24.01	1.50	25.64	1.52	26.92	1.56
		35	20.52	1.40	21.80	1.45	23.07	1.50	23.99	1.52	25.62	1.55	26.90	1.58
		40	20.51	1.42	21.78	1.47	23.05	1.52	23.97	1.54	25.60	1.57	26.88	1.60
		45	20.49	1.43	21.76	1.49	23.04	1.54	23.96	1.56	25.58	1.59	26.86	1.62
		50	20.48	1.45	21.75	1.51	23.02	1.56	23.94	1.58	25.56	1.61	26.83	1.64
		55	20.46	1.47	21.73	1.53	23.00	1.58	23.92	1.60	25.54	1.63	26.81	1.66
		60	20.44	1.49	21.71	1.55	22.98	1.60	23.90	1.62	25.52	1.65	26.79	1.68
		65	20.43	1.51	21.70	1.57	22.97	1.62	23.88	1.64	25.50	1.67	26.77	1.71
		70	20.41	1.53	21.68	1.58	22.95	1.64	23.86	1.66	25.48	1.69	26.75	1.73
		75	19.92	1.61	21.19	1.67	22.45	1.73	23.36	1.75	24.98	1.78	26.25	1.82
		80	19.43	1.69	20.69	1.76	21.95	1.82	22.87	1.84	24.48	1.88	25.74	1.91
		85	18.94	1.78	20.20	1.84	21.46	1.91	22.37	1.93	23.98	1.97	25.24	2.01
		90	18.46	1.86	19.71	1.93	20.97	2.00	21.87	2.02	23.48	2.06	24.73	2.10
		95	17.93	1.94	19.18	2.01	20.43	2.09	**21.00**	**2.11**	22.93	2.15	24.17	2.19
		100	17.49	2.02	18.74	2.10	19.99	2.17	20.73	2.20	22.49	2.24	23.74	2.29
		105	17.06	2.11	18.30	2.18	19.55	2.26	20.46	2.29	22.05	2.33	23.30	2.38
		110	16.62	2.19	17.87	2.27	19.12	2.35	20.02	2.38	21.62	2.42	22.86	2.47
		115	16.18	2.27	17.43	2.35	18.68	2.44	19.58	2.47	21.18	2.51	22.43	2.57
		118	15.92	2.32	17.17	2.41	18.42	2.49	19.32	2.52	20.92	2.57	22.17	2.62
		122	15.83	2.39	17.08	2.47	18.33	2.56	19.23	2.59	20.83	2.64	22.08	2.70

TC = Total Capacity (kBtu/h).

PI = Power Input (kW).

Nominal capacity as rated: 0 ft. above sea level with 25 ft. of refrigerant piping.
0 ft. level difference between outdoor and indoor units.

Nominal cooling capacity rating obtained with air entering the indoor unit at 80°F dry bulb (DB) and 67°F wet bulb (WB), and outdoor ambient conditions of 95°F dry bulb (DB) and 75°F wet bulb (WB).

The shaded table rows indicate reference data. When operating at this temperature, these values can be different if the system is not running consistently.

Due to our policy of continuous product innovation, some specifications may change without notification.
©LG Electronics U.S.A., Inc., Englewood Cliffs, NJ. All rights reserved. "LG" is a registered trademark of LG Corp.

PERFORMANCE DATA

Cooling Capacity Tables

Table 41: LMU369HV Cooling Capacity Table — Non-Ducted Indoor Units (continued).

Connected Indoor Units	Combination Capacity Index	Outdoor Air Temp. (°F DB)	Indoor Air Temp. °F DB / °F WB											
			68 / 57		73 / 61		77 / 64		80 / 67		86 / 72		90 / 75	
			TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
Two (2) Non-Ducted Indoor Units	12 + 12	14	23.53	1.45	24.99	1.50	26.45	1.56	27.50	1.58	29.37	1.61	30.83	1.64
		20	23.51	1.47	24.97	1.53	26.43	1.58	27.48	1.60	29.35	1.63	30.81	1.66
		25	23.49	1.49	24.95	1.55	26.41	1.60	27.46	1.62	29.33	1.65	30.79	1.69
		30	23.47	1.51	24.93	1.57	26.39	1.63	27.44	1.65	29.30	1.68	30.76	1.71
		35	23.46	1.54	24.91	1.59	26.37	1.65	27.42	1.67	29.28	1.70	30.74	1.73
		40	23.44	1.56	24.89	1.61	26.35	1.67	27.40	1.69	29.26	1.72	30.72	1.76
		45	23.42	1.58	24.87	1.63	26.33	1.69	27.38	1.71	29.24	1.75	30.69	1.78
		50	23.40	1.60	24.85	1.66	26.31	1.72	27.36	1.74	29.21	1.77	30.67	1.80
		55	23.38	1.62	24.84	1.68	26.29	1.74	27.34	1.76	29.19	1.79	30.64	1.83
		60	23.37	1.64	24.82	1.70	26.27	1.76	27.32	1.78	29.17	1.82	30.62	1.85
		65	23.35	1.66	24.80	1.72	26.25	1.78	27.29	1.80	29.15	1.84	30.60	1.88
		70	23.33	1.68	24.78	1.74	26.23	1.81	27.27	1.83	29.13	1.86	30.57	1.90
		75	22.77	1.77	24.21	1.84	25.66	1.90	26.70	1.93	28.55	1.96	29.99	2.00
		80	22.21	1.86	23.65	1.93	25.09	2.00	26.13	2.02	27.97	2.06	29.42	2.10
		85	21.65	1.95	23.09	2.02	24.53	2.10	25.57	2.12	27.40	2.16	28.84	2.21
		90	21.09	2.04	22.53	2.12	23.96	2.20	25.00	2.22	26.83	2.26	28.27	2.31
		95	20.49	2.13	21.92	2.21	23.35	2.29	**24.00**	**2.32**	26.20	2.36	27.63	2.41
		100	19.99	2.23	21.42	2.31	22.85	2.39	23.69	2.42	25.70	2.46	27.13	2.51
		105	19.49	2.32	20.92	2.40	22.35	2.49	23.38	2.52	25.20	2.56	26.63	2.62
		110	18.99	2.41	20.42	2.49	21.85	2.59	22.88	2.62	24.70	2.66	26.13	2.72
		115	18.49	2.50	19.92	2.59	21.35	2.68	22.38	2.71	24.20	2.77	25.63	2.82
		118	18.19	2.55	19.62	2.65	21.05	2.74	22.08	2.77	23.90	2.83	25.33	2.88
		122	18.10	2.62	19.52	2.72	20.95	2.82	21.98	2.85	23.81	2.91	25.23	2.96
	9 + 18	14	26.47	1.51	28.11	1.57	29.76	1.63	30.94	1.65	33.04	1.68	34.69	1.71
		20	26.45	1.54	28.09	1.59	29.73	1.65	30.92	1.67	33.02	1.70	34.66	1.73
		25	26.43	1.56	28.07	1.61	29.71	1.67	30.90	1.69	32.99	1.72	34.63	1.76
		30	26.41	1.58	28.05	1.64	29.69	1.70	30.87	1.72	32.97	1.75	34.61	1.78
		35	26.39	1.60	28.03	1.66	29.66	1.72	30.85	1.74	32.94	1.77	34.58	1.81
		40	26.37	1.62	28.00	1.68	29.64	1.74	30.82	1.76	32.92	1.80	34.55	1.83
		45	26.35	1.64	27.98	1.71	29.62	1.77	30.80	1.79	32.89	1.82	34.53	1.86
		50	26.33	1.67	27.96	1.73	29.60	1.79	30.78	1.81	32.87	1.85	34.50	1.88
		55	26.31	1.69	27.94	1.75	29.57	1.81	30.75	1.83	32.84	1.87	34.48	1.91
		60	26.29	1.71	27.92	1.77	29.55	1.84	30.73	1.86	32.82	1.89	34.45	1.93
		65	26.27	1.73	27.90	1.80	29.53	1.86	30.71	1.88	32.79	1.92	34.42	1.96
		70	26.25	1.75	27.88	1.82	29.51	1.88	30.68	1.91	32.77	1.94	34.40	1.98
		75	25.61	1.85	27.24	1.92	28.87	1.99	30.04	2.01	32.12	2.05	33.74	2.09
		80	24.98	1.94	26.60	2.01	28.23	2.09	29.40	2.11	31.47	2.15	33.09	2.19
		85	24.36	2.04	25.97	2.11	27.59	2.19	28.76	2.21	30.83	2.26	32.45	2.30
		90	23.73	2.13	25.34	2.21	26.96	2.29	28.12	2.32	30.19	2.36	31.80	2.41
		95	23.05	2.23	24.66	2.31	26.26	2.39	**27.00**	**2.42**	29.48	2.47	31.08	2.51
		100	22.49	2.32	24.10	2.41	25.70	2.49	26.65	2.52	28.91	2.57	30.52	2.62
		105	21.93	2.42	23.53	2.50	25.14	2.60	26.30	2.63	28.35	2.67	29.96	2.73
		110	21.37	2.51	22.97	2.60	24.58	2.70	25.74	2.73	27.79	2.78	29.40	2.84
		115	20.81	2.61	22.41	2.70	24.02	2.80	25.18	2.83	27.23	2.88	28.84	2.94
		118	20.47	2.66	22.08	2.76	23.68	2.86	24.84	2.89	26.89	2.95	28.50	3.01
		122	20.36	2.74	21.96	2.84	23.57	2.94	24.73	2.98	26.78	3.03	28.39	3.09

TC = Total Capacity (kBtu/h).

PI = Power Input (kW).

Nominal capacity as rated: 0 ft. above sea level with 25 ft. of refrigerant piping.
0 ft. level difference between outdoor and indoor units.

Nominal cooling capacity rating obtained with air entering the indoor unit at 80ºF dry bulb (DB) and 67ºF wet bulb (WB), and outdoor ambient conditions of 95ºF dry bulb (DB) and 75ºF wet bulb (WB).

The shaded table rows indicate reference data. When operating at this temperature, these values can be different if the system is not running consistently.

Due to our policy of continuous product innovation, some specifications may change without notification.
©LG Electronics U.S.A., Inc., Englewood Cliffs, NJ. All rights reserved. "LG" is a registered trademark of LG Corp.

PERFORMANCE DATA

Cooling Capacity Tables

Table 42: LMU369HV Cooling Capacity Table — Non-Ducted Indoor Units (continued).

Connected Indoor Units	Combination Capacity Index	Outdoor Air Temp. (°F DB)	Indoor Air Temp. °F DB / °F WB											
			68 / 57		73 / 61		77 / 64		80 / 67		86 / 72		90 / 75	
			TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
Two (2) Non-Ducted Indoor Units	12 + 18	14	29.41	1.63	31.24	1.69	33.06	1.75	34.38	1.77	36.71	1.80	38.54	1.84
		20	29.39	1.65	31.21	1.71	33.04	1.77	34.35	1.79	36.69	1.83	38.51	1.86
		25	29.36	1.67	31.19	1.73	33.01	1.80	34.33	1.82	36.66	1.85	38.48	1.89
		30	29.34	1.70	31.16	1.76	32.99	1.82	34.30	1.84	36.63	1.88	38.45	1.92
		35	29.32	1.72	31.14	1.78	32.96	1.85	34.28	1.87	36.60	1.90	38.42	1.94
		40	29.30	1.74	31.12	1.81	32.94	1.87	34.25	1.90	36.57	1.93	38.39	1.97
		45	29.27	1.77	31.09	1.83	32.91	1.90	34.22	1.92	36.55	1.96	38.36	2.00
		50	29.25	1.79	31.07	1.86	32.89	1.92	34.20	1.95	36.52	1.98	38.34	2.02
		55	29.23	1.81	31.04	1.88	32.86	1.95	34.17	1.97	36.49	2.01	38.31	2.05
		60	29.21	1.84	31.02	1.90	32.83	1.97	34.14	2.00	36.46	2.03	38.28	2.08
		65	29.18	1.86	31.00	1.93	32.81	2.00	34.12	2.02	36.43	2.06	38.25	2.10
		70	29.16	1.88	30.97	1.95	32.78	2.02	34.09	2.05	36.41	2.09	38.22	2.13
		75	28.46	1.99	30.27	2.06	32.07	2.13	33.38	2.16	35.69	2.20	37.49	2.24
		80	27.76	2.09	29.56	2.16	31.36	2.24	32.66	2.27	34.97	2.31	36.77	2.36
		85	27.06	2.19	28.86	2.27	30.66	2.35	31.96	2.38	34.25	2.42	36.05	2.47
		90	26.37	2.29	28.16	2.37	29.95	2.46	31.25	2.49	33.54	2.54	35.33	2.59
		95	25.61	2.39	27.40	2.48	29.18	2.57	**30.00**	**2.60**	32.75	2.65	34.53	2.70
		100	24.99	2.49	26.77	2.59	28.56	2.68	29.61	2.71	32.13	2.76	33.91	2.82
		105	24.37	2.60	26.15	2.69	27.93	2.79	29.22	2.82	31.50	2.87	33.29	2.93
		110	23.74	2.70	25.53	2.80	27.31	2.90	28.60	2.93	30.88	2.99	32.66	3.05
		115	23.12	2.80	24.90	2.90	26.69	3.01	27.98	3.04	30.26	3.10	32.04	3.16
		118	22.74	2.86	24.53	2.96	26.31	3.07	27.60	3.11	29.88	3.17	31.67	3.23
		122	22.62	2.94	24.40	3.05	26.19	3.16	27.48	3.20	29.76	3.26	31.54	3.32
	18 + 18	14	32.35	1.80	34.36	1.87	36.37	1.94	37.82	1.96	40.39	2.00	42.40	2.04
		20	32.33	1.83	34.33	1.89	36.34	1.96	37.79	1.99	40.36	2.02	42.36	2.06
		25	32.30	1.85	34.31	1.92	36.31	1.99	37.76	2.01	40.32	2.05	42.33	2.09
		30	32.28	1.88	34.28	1.95	36.28	2.02	37.73	2.04	40.29	2.08	42.30	2.12
		35	32.25	1.91	34.25	1.98	36.26	2.05	37.70	2.07	40.26	2.11	42.27	2.15
		40	32.23	1.93	34.23	2.00	36.23	2.08	37.67	2.10	40.23	2.14	42.23	2.18
		45	32.20	1.96	34.20	2.03	36.20	2.10	37.65	2.13	40.20	2.17	42.20	2.21
		50	32.18	1.98	34.18	2.06	36.17	2.13	37.62	2.16	40.17	2.20	42.17	2.24
		55	32.15	2.01	34.15	2.08	36.15	2.16	37.59	2.18	40.14	2.22	42.14	2.27
		60	32.13	2.04	34.12	2.11	36.12	2.19	37.56	2.21	40.11	2.25	42.10	2.30
		65	32.10	2.06	34.10	2.14	36.09	2.21	37.53	2.24	40.08	2.28	42.07	2.33
		70	32.08	2.09	34.07	2.16	36.06	2.24	37.50	2.27	40.05	2.31	42.04	2.36
		75	31.31	2.20	33.29	2.28	35.28	2.36	36.72	2.39	39.26	2.44	41.24	2.48
		80	30.53	2.31	32.52	2.40	34.50	2.48	35.93	2.51	38.46	2.56	40.45	2.61
		85	29.77	2.42	31.75	2.51	33.72	2.61	35.15	2.64	37.68	2.68	39.66	2.74
		90	29.00	2.54	30.98	2.63	32.95	2.73	34.37	2.76	36.89	2.81	38.87	2.87
		95	28.17	2.65	30.14	2.75	32.10	2.85	**33.00**	**2.88**	36.03	2.93	37.99	2.99
		100	27.49	2.76	29.45	2.86	31.41	2.97	32.57	3.00	35.34	3.06	37.30	3.12
		105	26.80	2.88	28.76	2.98	30.73	3.09	32.14	3.12	34.65	3.18	36.62	3.25
		110	26.12	2.99	28.08	3.10	30.04	3.21	31.46	3.25	33.97	3.31	35.93	3.37
		115	25.43	3.10	27.39	3.21	29.36	3.33	30.77	3.37	33.28	3.43	35.24	3.50
		118	25.02	3.17	26.98	3.28	28.94	3.40	30.36	3.44	32.87	3.51	34.83	3.58
		122	24.88	3.26	26.84	3.38	28.81	3.50	30.22	3.54	32.73	3.61	34.69	3.68

TC = Total Capacity (kBtu/h).

PI = Power Input (kW).

Nominal capacity as rated: 0 ft. above sea level with 25 ft. of refrigerant piping.
0 ft. level difference between outdoor and indoor units.

Nominal cooling capacity rating obtained with air entering the indoor unit at 80ºF dry bulb (DB) and 67ºF wet bulb (WB), and outdoor ambient conditions of 95ºF dry bulb (DB) and 75ºF wet bulb (WB).

The shaded table rows indicate reference data. When operating at this temperature, these values can be different if the system is not running consistently.

Due to our policy of continuous product innovation, some specifications may change without notification.
©LG Electronics U.S.A., Inc., Englewood Cliffs, NJ. All rights reserved. "LG" is a registered trademark of LG Corp.

PERFORMANCE DATA

Cooling Capacity Tables

Table 43: LMU369HV Cooling Capacity Table — Non-Ducted Indoor Units (continued).

Connected Indoor Units	Combination Capacity Index	Outdoor Air Temp. (°F DB)	Indoor Air Temp. °F DB / °F WB											
			68 / 57		73 / 61		77 / 64		80 / 67		86 / 72		90 / 75	
			TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
Three (3) Non-Ducted Indoor Units	9 + 9 + 9	14	26.47	1.51	28.11	1.57	29.76	1.63	30.94	1.65	33.04	1.68	34.69	1.71
		20	26.45	1.54	28.09	1.59	29.73	1.65	30.92	1.67	33.02	1.70	34.66	1.73
		25	26.43	1.56	28.07	1.61	29.71	1.67	30.90	1.69	32.99	1.72	34.63	1.76
		30	26.41	1.58	28.05	1.64	29.69	1.70	30.87	1.72	32.97	1.75	34.61	1.78
		35	26.39	1.60	28.03	1.66	29.66	1.72	30.85	1.74	32.94	1.77	34.58	1.81
		40	26.37	1.62	28.00	1.68	29.64	1.74	30.82	1.76	32.92	1.80	34.55	1.83
		45	26.35	1.64	27.98	1.71	29.62	1.77	30.80	1.79	32.89	1.82	34.53	1.86
		50	26.33	1.67	27.96	1.73	29.60	1.79	30.78	1.81	32.87	1.85	34.50	1.88
		55	26.31	1.69	27.94	1.75	29.57	1.81	30.75	1.83	32.84	1.87	34.48	1.91
		60	26.29	1.71	27.92	1.77	29.55	1.84	30.73	1.86	32.82	1.89	34.45	1.93
		65	26.27	1.73	27.90	1.80	29.53	1.86	30.71	1.88	32.79	1.92	34.42	1.96
		70	26.25	1.75	27.88	1.82	29.51	1.88	30.68	1.91	32.77	1.94	34.40	1.98
		75	25.61	1.85	27.24	1.92	28.87	1.99	30.04	2.01	32.12	2.05	33.74	2.09
		80	24.98	1.94	26.60	2.01	28.23	2.09	29.40	2.11	31.47	2.15	33.09	2.19
		85	24.36	2.04	25.97	2.11	27.59	2.19	28.76	2.21	30.83	2.26	32.45	2.30
		90	23.73	2.13	25.34	2.21	26.96	2.29	28.12	2.32	30.19	2.36	31.80	2.41
		95	23.05	2.23	24.66	2.31	26.26	2.39	**27.00**	**2.42**	29.48	2.47	31.08	2.51
		100	22.49	2.32	24.10	2.41	25.70	2.49	26.65	2.52	28.91	2.57	30.52	2.62
		105	21.93	2.42	23.53	2.50	25.14	2.60	26.30	2.63	28.35	2.67	29.96	2.73
		110	21.37	2.51	22.97	2.60	24.58	2.70	25.74	2.73	27.79	2.78	29.40	2.84
		115	20.81	2.61	22.41	2.70	24.02	2.80	25.18	2.83	27.23	2.88	28.84	2.94
		118	20.47	2.66	22.08	2.76	23.68	2.86	24.84	2.89	26.89	2.95	28.50	3.01
		122	20.36	2.74	21.96	2.84	23.57	2.94	24.73	2.98	26.78	3.03	28.39	3.09
	9 + 9 + 12	14	29.41	1.63	31.24	1.69	33.06	1.75	34.38	1.77	36.71	1.80	38.54	1.84
		20	29.39	1.65	31.21	1.71	33.04	1.77	34.35	1.79	36.69	1.83	38.51	1.86
		25	29.36	1.67	31.19	1.73	33.01	1.80	34.33	1.82	36.66	1.85	38.48	1.89
		30	29.34	1.70	31.16	1.76	32.99	1.82	34.30	1.84	36.63	1.88	38.45	1.92
		35	29.32	1.72	31.14	1.78	32.96	1.85	34.28	1.87	36.60	1.90	38.42	1.94
		40	29.30	1.74	31.12	1.81	32.94	1.87	34.25	1.90	36.57	1.93	38.39	1.97
		45	29.27	1.77	31.09	1.83	32.91	1.90	34.22	1.92	36.55	1.96	38.36	2.00
		50	29.25	1.79	31.07	1.86	32.89	1.92	34.20	1.95	36.52	1.98	38.34	2.02
		55	29.23	1.81	31.04	1.88	32.86	1.95	34.17	1.97	36.49	2.01	38.31	2.05
		60	29.21	1.84	31.02	1.90	32.83	1.97	34.14	2.00	36.46	2.03	38.28	2.08
		65	29.18	1.86	31.00	1.93	32.81	2.00	34.12	2.02	36.43	2.06	38.25	2.10
		70	29.16	1.88	30.97	1.95	32.78	2.02	34.09	2.05	36.41	2.09	38.22	2.13
		75	28.46	1.99	30.27	2.06	32.07	2.13	33.38	2.16	35.69	2.20	37.49	2.24
		80	27.76	2.09	29.56	2.16	31.36	2.24	32.66	2.27	34.97	2.31	36.77	2.36
		85	27.06	2.19	28.86	2.27	30.66	2.35	31.96	2.38	34.25	2.42	36.05	2.47
		90	26.37	2.29	28.16	2.37	29.95	2.46	31.25	2.49	33.54	2.54	35.33	2.59
		95	25.61	2.39	27.40	2.48	29.18	2.57	**30.00**	**2.60**	32.75	2.65	34.53	2.70
		100	24.99	2.49	26.77	2.59	28.56	2.68	29.61	2.71	32.13	2.76	33.91	2.82
		105	24.37	2.60	26.15	2.69	27.93	2.79	29.22	2.82	31.50	2.87	33.29	2.93
		110	23.74	2.70	25.53	2.80	27.31	2.90	28.60	2.93	30.88	2.99	32.66	3.05
		115	23.12	2.80	24.90	2.90	26.69	3.01	27.98	3.04	30.26	3.10	32.04	3.16
		118	22.74	2.86	24.53	2.96	26.31	3.07	27.60	3.11	29.88	3.17	31.67	3.23
		122	22.62	2.94	24.40	3.05	26.19	3.16	27.48	3.20	29.76	3.26	31.54	3.32

TC = Total Capacity (kBtu/h).

PI = Power Input (kW).

Nominal capacity as rated: 0 ft. above sea level with 25 ft. of refrigerant piping.
0 ft. level difference between outdoor and indoor units.

Nominal cooling capacity rating obtained with air entering the indoor unit at 80ºF dry bulb (DB) and 67ºF wet bulb (WB), and outdoor ambient conditions of 95ºF dry bulb (DB) and 75ºF wet bulb (WB).

The shaded table rows indicate reference data. When operating at this temperature, these values can be different if the system is not running consistently.

Due to our policy of continuous product innovation, some specifications may change without notification.
©LG Electronics U.S.A., Inc., Englewood Cliffs, NJ. All rights reserved. "LG" is a registered trademark of LG Corp.

Table 44: LMU369HV Cooling Capacity Table — Non-Ducted Indoor Units (continued).

Connected Indoor Units	Combination Capacity Index	Outdoor Air Temp. (°F DB)	Indoor Air Temp. °F DB / °F WB											
			68 / 57		73 / 61		77 / 64		80 / 67		86 / 72		90 / 75	
			TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
Three (3) Non-Ducted Indoor Units	9 + 12 +12	14	29.41	1.63	31.24	1.69	33.06	1.75	34.38	1.77	36.71	1.80	38.54	1.84
		20	29.39	1.65	31.21	1.71	33.04	1.77	34.35	1.79	36.69	1.83	38.51	1.86
		25	29.36	1.67	31.19	1.73	33.01	1.80	34.33	1.82	36.66	1.85	38.48	1.89
		30	29.34	1.70	31.16	1.76	32.99	1.82	34.30	1.84	36.63	1.88	38.45	1.92
		35	29.32	1.72	31.14	1.78	32.96	1.85	34.28	1.87	36.60	1.90	38.42	1.94
		40	29.30	1.74	31.12	1.81	32.94	1.87	34.25	1.90	36.57	1.93	38.39	1.97
		45	29.27	1.77	31.09	1.83	32.91	1.90	34.22	1.92	36.55	1.96	38.36	2.00
		50	29.25	1.79	31.07	1.86	32.89	1.92	34.20	1.95	36.52	1.98	38.34	2.02
		55	29.23	1.81	31.04	1.88	32.86	1.95	34.17	1.97	36.49	2.01	38.31	2.05
		60	29.21	1.84	31.02	1.90	32.83	1.97	34.14	2.00	36.46	2.03	38.28	2.08
		65	29.18	1.86	31.00	1.93	32.81	2.00	34.12	2.02	36.43	2.06	38.25	2.10
		70	29.16	1.88	30.97	1.95	32.78	2.02	34.09	2.05	36.41	2.09	38.22	2.13
		75	28.46	1.99	30.27	2.06	32.07	2.13	33.38	2.16	35.69	2.20	37.49	2.24
		80	27.76	2.09	29.56	2.16	31.36	2.24	32.66	2.27	34.97	2.31	36.77	2.36
		85	27.06	2.19	28.86	2.27	30.66	2.35	31.96	2.38	34.25	2.42	36.05	2.47
		90	26.37	2.29	28.16	2.37	29.95	2.46	31.25	2.49	33.54	2.54	35.33	2.59
		95	25.61	2.39	27.40	2.48	29.18	2.57	**30.00**	**2.60**	32.75	2.65	34.53	2.70
		100	24.99	2.49	26.77	2.59	28.56	2.68	29.61	2.71	32.13	2.76	33.91	2.82
		105	24.37	2.60	26.15	2.69	27.93	2.79	29.22	2.82	31.50	2.87	33.29	2.93
		110	23.74	2.70	25.53	2.80	27.31	2.90	28.60	2.93	30.88	2.99	32.66	3.05
		115	23.12	2.80	24.90	2.90	26.69	3.01	27.98	3.04	30.26	3.10	32.04	3.16
		118	22.74	2.86	24.53	2.96	26.31	3.07	27.60	3.11	29.88	3.17	31.67	3.23
		122	22.62	2.94	24.40	3.05	26.19	3.16	27.48	3.20	29.76	3.26	31.54	3.32
	12 + 12 + 12	14	33.33	1.70	35.40	1.76	37.47	1.83	38.96	1.85	41.61	1.88	43.68	1.92
		20	33.30	1.73	35.37	1.79	37.44	1.86	38.94	1.88	41.58	1.91	43.65	1.95
		25	33.28	1.75	35.35	1.82	37.41	1.88	38.91	1.90	41.55	1.94	43.61	1.98
		30	33.25	1.78	35.32	1.84	37.38	1.91	38.88	1.93	41.51	1.97	43.58	2.01
		35	33.23	1.80	35.29	1.87	37.36	1.93	38.85	1.96	41.48	1.99	43.55	2.03
		40	33.20	1.82	35.27	1.89	37.33	1.96	38.82	1.98	41.45	2.02	43.51	2.06
		45	33.18	1.85	35.24	1.92	37.30	1.99	38.79	2.01	41.42	2.05	43.48	2.09
		50	33.15	1.87	35.21	1.94	37.27	2.01	38.76	2.04	41.39	2.07	43.45	2.12
		55	33.13	1.90	35.18	1.97	37.24	2.04	38.73	2.06	41.36	2.10	43.41	2.14
		60	33.10	1.92	35.16	1.99	37.21	2.07	38.70	2.09	41.32	2.13	43.38	2.17
		65	33.08	1.95	35.13	2.02	37.18	2.09	38.67	2.12	41.29	2.16	43.35	2.20
		70	33.05	1.97	35.10	2.04	37.16	2.12	38.64	2.14	41.26	2.18	43.31	2.23
		75	32.26	2.08	34.30	2.15	36.35	2.23	37.83	2.26	40.45	2.30	42.49	2.35
		80	31.46	2.18	33.50	2.26	35.54	2.35	37.02	2.37	39.63	2.42	41.67	2.47
		85	30.67	2.29	32.71	2.37	34.75	2.46	36.22	2.49	38.82	2.54	40.86	2.59
		90	29.88	2.40	31.92	2.48	33.95	2.57	35.42	2.60	38.01	2.65	40.05	2.71
		95	29.03	2.50	31.05	2.59	33.07	2.69	**34.00**	**2.72**	37.12	2.77	39.14	2.83
		100	28.32	2.61	30.34	2.70	32.37	2.80	33.56	2.84	36.41	2.89	38.43	2.95
		105	27.61	2.72	29.64	2.81	31.66	2.92	33.12	2.95	35.70	3.01	37.73	3.07
		110	26.91	2.82	28.93	2.92	30.95	3.03	32.41	3.07	35.00	3.12	37.02	3.19
		115	26.20	2.93	28.22	3.04	30.24	3.15	31.71	3.18	34.29	3.24	36.31	3.31
		118	25.78	2.99	27.80	3.10	29.82	3.21	31.28	3.25	33.87	3.31	35.89	3.38
		122	25.63	3.08	27.66	3.19	29.68	3.31	31.14	3.34	33.72	3.41	35.75	3.48

TC = Total Capacity (kBtu/h).

PI = Power Input (kW).

Nominal capacity as rated: 0 ft. above sea level with 25 ft. of refrigerant piping.
0 ft. level difference between outdoor and indoor units.

Nominal cooling capacity rating obtained with air entering the indoor unit at 80ºF dry bulb (DB) and 67ºF wet bulb (WB), and outdoor ambient conditions of 95ºF dry bulb (DB) and 75ºF wet bulb (WB).

The shaded table rows indicate reference data. When operating at this temperature, these values can be different if the system is not running consistently.

Due to our policy of continuous product innovation, some specifications may change without notification.
©LG Electronics U.S.A., Inc., Englewood Cliffs, NJ. All rights reserved. "LG" is a registered trademark of LG Corp.

PERFORMANCE DATA

Cooling Capacity Tables

Table 45: LMU369HV Cooling Capacity Table — Non-Ducted Indoor Units (continued).

Connected Indoor Units	Combination Capacity Index	Outdoor Air Temp. (°F DB)	Indoor Air Temp. °F DB / °F WB											
			68 / 57		73 / 61		77 / 64		80 / 67		86 / 72		90 / 75	
			TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
Three (3) Non-Ducted Indoor Units	9 + 9 + 18	14	33.33	1.70	35.40	1.76	37.47	1.83	38.96	1.85	41.61	1.88	43.68	1.92
		20	33.30	1.73	35.37	1.79	37.44	1.86	38.94	1.88	41.58	1.91	43.65	1.95
		25	33.28	1.75	35.35	1.82	37.41	1.88	38.91	1.90	41.55	1.94	43.61	1.98
		30	33.25	1.78	35.32	1.84	37.38	1.91	38.88	1.93	41.51	1.97	43.58	2.01
		35	33.23	1.80	35.29	1.87	37.36	1.93	38.85	1.96	41.48	1.99	43.55	2.03
		40	33.20	1.82	35.27	1.89	37.33	1.96	38.82	1.98	41.45	2.02	43.51	2.06
		45	33.18	1.85	35.24	1.92	37.30	1.99	38.79	2.01	41.42	2.05	43.48	2.09
		50	33.15	1.87	35.21	1.94	37.27	2.01	38.76	2.04	41.39	2.07	43.45	2.12
		55	33.13	1.90	35.18	1.97	37.24	2.04	38.73	2.06	41.36	2.10	43.41	2.14
		60	33.10	1.92	35.16	1.99	37.21	2.07	38.70	2.09	41.32	2.13	43.38	2.17
		65	33.08	1.95	35.13	2.02	37.18	2.09	38.67	2.12	41.29	2.16	43.35	2.20
		70	33.05	1.97	35.10	2.04	37.16	2.12	38.64	2.14	41.26	2.18	43.31	2.23
		75	32.26	2.08	34.30	2.15	36.35	2.23	37.83	2.26	40.45	2.30	42.49	2.35
		80	31.46	2.18	33.50	2.26	35.54	2.35	37.02	2.37	39.63	2.42	41.67	2.47
		85	30.67	2.29	32.71	2.37	34.75	2.46	36.22	2.49	38.82	2.54	40.86	2.59
		90	29.88	2.40	31.92	2.48	33.95	2.57	35.42	2.60	38.01	2.65	40.05	2.71
		95	29.03	2.50	31.05	2.59	33.07	2.69	**34.00**	**2.72**	37.12	2.77	39.14	2.83
		100	28.32	2.61	30.34	2.70	32.37	2.80	33.56	2.84	36.41	2.89	38.43	2.95
		105	27.61	2.72	29.64	2.81	31.66	2.92	33.12	2.95	35.70	3.01	37.73	3.07
		110	26.91	2.82	28.93	2.92	30.95	3.03	32.41	3.07	35.00	3.12	37.02	3.19
		115	26.20	2.93	28.22	3.04	30.24	3.15	31.71	3.18	34.29	3.24	36.31	3.31
		118	25.78	2.99	27.80	3.10	29.82	3.21	31.28	3.25	33.87	3.31	35.89	3.38
		122	25.63	3.08	27.66	3.19	29.68	3.31	31.14	3.34	33.72	3.41	35.75	3.48
	9 + 12 +18	14	33.33	1.70	35.40	1.76	37.47	1.83	38.96	1.85	41.61	1.88	43.68	1.92
		20	33.30	1.73	35.37	1.79	37.44	1.86	38.94	1.88	41.58	1.91	43.65	1.95
		25	33.28	1.75	35.35	1.82	37.41	1.88	38.91	1.90	41.55	1.94	43.61	1.98
		30	33.25	1.78	35.32	1.84	37.38	1.91	38.88	1.93	41.51	1.97	43.58	2.01
		35	33.23	1.80	35.29	1.87	37.36	1.93	38.85	1.96	41.48	1.99	43.55	2.03
		40	33.20	1.82	35.27	1.89	37.33	1.96	38.82	1.98	41.45	2.02	43.51	2.06
		45	33.18	1.85	35.24	1.92	37.30	1.99	38.79	2.01	41.42	2.05	43.48	2.09
		50	33.15	1.87	35.21	1.94	37.27	2.01	38.76	2.04	41.39	2.07	43.45	2.12
		55	33.13	1.90	35.18	1.97	37.24	2.04	38.73	2.06	41.36	2.10	43.41	2.14
		60	33.10	1.92	35.16	1.99	37.21	2.07	38.70	2.09	41.32	2.13	43.38	2.17
		65	33.08	1.95	35.13	2.02	37.18	2.09	38.67	2.12	41.29	2.16	43.35	2.20
		70	33.05	1.97	35.10	2.04	37.16	2.12	38.64	2.14	41.26	2.18	43.31	2.23
		75	32.26	2.08	34.30	2.15	36.35	2.23	37.83	2.26	40.45	2.30	42.49	2.35
		80	31.46	2.18	33.50	2.26	35.54	2.35	37.02	2.37	39.63	2.42	41.67	2.47
		85	30.67	2.29	32.71	2.37	34.75	2.46	36.22	2.49	38.82	2.54	40.86	2.59
		90	29.88	2.40	31.92	2.48	33.95	2.57	35.42	2.60	38.01	2.65	40.05	2.71
		95	29.03	2.50	31.05	2.59	33.07	2.69	**34.00**	**2.72**	37.12	2.77	39.14	2.83
		100	28.32	2.61	30.34	2.70	32.37	2.80	33.56	2.84	36.41	2.89	38.43	2.95
		105	27.61	2.72	29.64	2.81	31.66	2.92	33.12	2.95	35.70	3.01	37.73	3.07
		110	26.91	2.82	28.93	2.92	30.95	3.03	32.41	3.07	35.00	3.12	37.02	3.19
		115	26.20	2.93	28.22	3.04	30.24	3.15	31.71	3.18	34.29	3.24	36.31	3.31
		118	25.78	2.99	27.80	3.10	29.82	3.21	31.28	3.25	33.87	3.31	35.89	3.38
		122	25.63	3.08	27.66	3.19	29.68	3.31	31.14	3.34	33.72	3.41	35.75	3.48

TC = Total Capacity (kBtu/h).

PI = Power Input (kW).

Nominal capacity as rated: 0 ft. above sea level with 25 ft. of refrigerant piping.
0 ft. level difference between outdoor and indoor units.

Nominal cooling capacity rating obtained with air entering the indoor unit at 80°F dry bulb (DB) and 67°F wet bulb (WB), and outdoor ambient conditions of 95°F dry bulb (DB) and 75°F wet bulb (WB).

The shaded table rows indicate reference data. When operating at this temperature, these values can be different if the system is not running consistently.

Due to our policy of continuous product innovation, some specifications may change without notification.
©LG Electronics U.S.A., Inc., Englewood Cliffs, NJ. All rights reserved. "LG" is a registered trademark of LG Corp.

Table 46: LMU369HV Cooling Capacity Table — Non-Ducted Indoor Units (continued).

Connected Indoor Units	Combination Capacity Index	Outdoor Air Temp. (°F DB)	Indoor Air Temp. °F DB / °F WB											
			68 / 57		73 / 61		77 / 64		80 / 67		86 / 72		90 / 75	
			TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
Three (3) Non-Ducted Indoor Units	12 + 12 + 18	14	33.33	1.70	35.40	1.76	37.47	1.83	38.96	1.85	41.61	1.88	43.68	1.92
		20	33.30	1.73	35.37	1.79	37.44	1.86	38.94	1.88	41.58	1.91	43.65	1.95
		25	33.28	1.75	35.35	1.82	37.41	1.88	38.91	1.90	41.55	1.94	43.61	1.98
		30	33.25	1.78	35.32	1.84	37.38	1.91	38.88	1.93	41.51	1.97	43.58	2.01
		35	33.23	1.80	35.29	1.87	37.36	1.93	38.85	1.96	41.48	1.99	43.55	2.03
		40	33.20	1.82	35.27	1.89	37.33	1.96	38.82	1.98	41.45	2.02	43.51	2.06
		45	33.18	1.85	35.24	1.92	37.30	1.99	38.79	2.01	41.42	2.05	43.48	2.09
		50	33.15	1.87	35.21	1.94	37.27	2.01	38.76	2.04	41.39	2.07	43.45	2.12
		55	33.13	1.90	35.18	1.97	37.24	2.04	38.73	2.06	41.36	2.10	43.41	2.14
		60	33.10	1.92	35.16	1.99	37.21	2.07	38.70	2.09	41.32	2.13	43.38	2.17
		65	33.08	1.95	35.13	2.02	37.18	2.09	38.67	2.12	41.29	2.16	43.35	2.20
		70	33.05	1.97	35.10	2.04	37.16	2.12	38.64	2.14	41.26	2.18	43.31	2.23
		75	32.26	2.08	34.30	2.15	36.35	2.23	37.83	2.26	40.45	2.30	42.49	2.35
		80	31.46	2.18	33.50	2.26	35.54	2.35	37.02	2.37	39.63	2.42	41.67	2.47
		85	30.67	2.29	32.71	2.37	34.75	2.46	36.22	2.49	38.82	2.54	40.86	2.59
		90	29.88	2.40	31.92	2.48	33.95	2.57	35.42	2.60	38.01	2.65	40.05	2.71
		95	29.03	2.50	31.05	2.59	33.07	2.69	**34.00**	**2.72**	37.12	2.77	39.14	2.83
		100	28.32	2.61	30.34	2.70	32.37	2.80	33.56	2.84	36.41	2.89	38.43	2.95
		105	27.61	2.72	29.64	2.81	31.66	2.92	33.12	2.95	35.70	3.01	37.73	3.07
		110	26.91	2.82	28.93	2.92	30.95	3.03	32.41	3.07	35.00	3.12	37.02	3.19
		115	26.20	2.93	28.22	3.04	30.24	3.15	31.71	3.18	34.29	3.24	36.31	3.31
		118	25.78	2.99	27.80	3.10	29.82	3.21	31.28	3.25	33.87	3.31	35.89	3.38
		122	25.63	3.08	27.66	3.19	29.68	3.31	31.14	3.34	33.72	3.41	35.75	3.48
	9 + 18 + 18	14	33.33	1.70	35.40	1.76	37.47	1.83	38.96	1.85	41.61	1.88	43.68	1.92
		20	33.30	1.73	35.37	1.79	37.44	1.86	38.94	1.88	41.58	1.91	43.65	1.95
		25	33.28	1.75	35.35	1.82	37.41	1.88	38.91	1.90	41.55	1.94	43.61	1.98
		30	33.25	1.78	35.32	1.84	37.38	1.91	38.88	1.93	41.51	1.97	43.58	2.01
		35	33.23	1.80	35.29	1.87	37.36	1.93	38.85	1.96	41.48	1.99	43.55	2.03
		40	33.20	1.82	35.27	1.89	37.33	1.96	38.82	1.98	41.45	2.02	43.51	2.06
		45	33.18	1.85	35.24	1.92	37.30	1.99	38.79	2.01	41.42	2.05	43.48	2.09
		50	33.15	1.87	35.21	1.94	37.27	2.01	38.76	2.04	41.39	2.07	43.45	2.12
		55	33.13	1.90	35.18	1.97	37.24	2.04	38.73	2.06	41.36	2.10	43.41	2.14
		60	33.10	1.92	35.16	1.99	37.21	2.07	38.70	2.09	41.32	2.13	43.38	2.17
		65	33.08	1.95	35.13	2.02	37.18	2.09	38.67	2.12	41.29	2.16	43.35	2.20
		70	33.05	1.97	35.10	2.04	37.16	2.12	38.64	2.14	41.26	2.18	43.31	2.23
		75	32.26	2.08	34.30	2.15	36.35	2.23	37.83	2.26	40.45	2.30	42.49	2.35
		80	31.46	2.18	33.50	2.26	35.54	2.35	37.02	2.37	39.63	2.42	41.67	2.47
		85	30.67	2.29	32.71	2.37	34.75	2.46	36.22	2.49	38.82	2.54	40.86	2.59
		90	29.88	2.40	31.92	2.48	33.95	2.57	35.42	2.60	38.01	2.65	40.05	2.71
		95	29.03	2.50	31.05	2.59	33.07	2.69	**34.00**	**2.72**	37.12	2.77	39.14	2.83
		100	28.32	2.61	30.34	2.70	32.37	2.80	33.56	2.84	36.41	2.89	38.43	2.95
		105	27.61	2.72	29.64	2.81	31.66	2.92	33.12	2.95	35.70	3.01	37.73	3.07
		110	26.91	2.82	28.93	2.92	30.95	3.03	32.41	3.07	35.00	3.12	37.02	3.19
		115	26.20	2.93	28.22	3.04	30.24	3.15	31.71	3.18	34.29	3.24	36.31	3.31
		118	25.78	2.99	27.80	3.10	29.82	3.21	31.28	3.25	33.87	3.31	35.89	3.38
		122	25.63	3.08	27.66	3.19	29.68	3.31	31.14	3.34	33.72	3.41	35.75	3.48

TC = Total Capacity (kBtu/h).

PI = Power Input (kW).

Nominal capacity as rated: 0 ft. above sea level with 25 ft. of refrigerant piping.
0 ft. level difference between outdoor and indoor units.

Nominal cooling capacity rating obtained with air entering the indoor unit at 80ºF dry bulb (DB) and 67ºF wet bulb (WB), and outdoor ambient conditions of 95ºF dry bulb (DB) and 75ºF wet bulb (WB).

The shaded table rows indicate reference data. When operating at this temperature, these values can be different if the system is not running consistently.

Due to our policy of continuous product innovation, some specifications may change without notification.
©LG Electronics U.S.A., Inc., Englewood Cliffs, NJ. All rights reserved. "LG" is a registered trademark of LG Corp.

PERFORMANCE DATA

Cooling Capacity Tables

Table 47: LMU369HV Cooling Capacity Table — Non-Ducted Indoor Units (continued).

Connected Indoor Units	Combination Capacity Index	Outdoor Air Temp. (°F DB)	Indoor Air Temp. °F DB / °F WB											
			68 / 57		73 / 61		77 / 64		80 / 67		86 / 72		90 / 75	
			TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
Three (3) Non-Ducted Indoor Units	12 + 18 + 18	14	33.33	1.70	35.40	1.76	37.47	1.83	38.96	1.85	41.61	1.88	43.68	1.92
		20	33.30	1.73	35.37	1.79	37.44	1.86	38.94	1.88	41.58	1.91	43.65	1.95
		25	33.28	1.75	35.35	1.82	37.41	1.88	38.91	1.90	41.55	1.94	43.61	1.98
		30	33.25	1.78	35.32	1.84	37.38	1.91	38.88	1.93	41.51	1.97	43.58	2.01
		35	33.23	1.80	35.29	1.87	37.36	1.93	38.85	1.96	41.48	1.99	43.55	2.03
		40	33.20	1.82	35.27	1.89	37.33	1.96	38.82	1.98	41.45	2.02	43.51	2.06
		45	33.18	1.85	35.24	1.92	37.30	1.99	38.79	2.01	41.42	2.05	43.48	2.09
		50	33.15	1.87	35.21	1.94	37.27	2.01	38.76	2.04	41.39	2.07	43.45	2.12
		55	33.13	1.90	35.18	1.97	37.24	2.04	38.73	2.06	41.36	2.10	43.41	2.14
		60	33.10	1.92	35.16	1.99	37.21	2.07	38.70	2.09	41.32	2.13	43.38	2.17
		65	33.08	1.95	35.13	2.02	37.18	2.09	38.67	2.12	41.29	2.16	43.35	2.20
		70	33.05	1.97	35.10	2.04	37.16	2.12	38.64	2.14	41.26	2.18	43.31	2.23
		75	32.26	2.08	34.30	2.15	36.35	2.23	37.83	2.26	40.45	2.30	42.49	2.35
		80	31.46	2.18	33.50	2.26	35.54	2.35	37.02	2.37	39.63	2.42	41.67	2.47
		85	30.67	2.29	32.71	2.37	34.75	2.46	36.22	2.49	38.82	2.54	40.86	2.59
		90	29.88	2.40	31.92	2.48	33.95	2.57	35.42	2.60	38.01	2.65	40.05	2.71
		95	29.03	2.50	31.05	2.59	33.07	2.69	**34.00**	**2.72**	37.12	2.77	39.14	2.83
		100	28.32	2.61	30.34	2.70	32.37	2.80	33.56	2.84	36.41	2.89	38.43	2.95
		105	27.61	2.72	29.64	2.81	31.66	2.92	33.12	2.95	35.70	3.01	37.73	3.07
		110	26.91	2.82	28.93	2.92	30.95	3.03	32.41	3.07	35.00	3.12	37.02	3.19
		115	26.20	2.93	28.22	3.04	30.24	3.15	31.71	3.18	34.29	3.24	36.31	3.31
		118	25.78	2.99	27.80	3.10	29.82	3.21	31.28	3.25	33.87	3.31	35.89	3.38
		122	25.63	3.08	27.66	3.19	29.68	3.31	31.14	3.34	33.72	3.41	35.75	3.48
Four (4) Non-Ducted Indoor Units	9 + 9 + 9 + 9	14	33.33	1.70	35.40	1.76	37.47	1.83	38.96	1.85	41.61	1.88	43.68	1.92
		20	33.30	1.73	35.37	1.79	37.44	1.86	38.94	1.88	41.58	1.91	43.65	1.95
		25	33.28	1.75	35.35	1.82	37.41	1.88	38.91	1.90	41.55	1.94	43.61	1.98
		30	33.25	1.78	35.32	1.84	37.38	1.91	38.88	1.93	41.51	1.97	43.58	2.01
		35	33.23	1.80	35.29	1.87	37.36	1.93	38.85	1.96	41.48	1.99	43.55	2.03
		40	33.20	1.82	35.27	1.89	37.33	1.96	38.82	1.98	41.45	2.02	43.51	2.06
		45	33.18	1.85	35.24	1.92	37.30	1.99	38.79	2.01	41.42	2.05	43.48	2.09
		50	33.15	1.87	35.21	1.94	37.27	2.01	38.76	2.04	41.39	2.07	43.45	2.12
		55	33.13	1.90	35.18	1.97	37.24	2.04	38.73	2.06	41.36	2.10	43.41	2.14
		60	33.10	1.92	35.16	1.99	37.21	2.07	38.70	2.09	41.32	2.13	43.38	2.17
		65	33.08	1.95	35.13	2.02	37.18	2.09	38.67	2.12	41.29	2.16	43.35	2.20
		70	33.05	1.97	35.10	2.04	37.16	2.12	38.64	2.14	41.26	2.18	43.31	2.23
		75	32.26	2.08	34.30	2.15	36.35	2.23	37.83	2.26	40.45	2.30	42.49	2.35
		80	31.46	2.18	33.50	2.26	35.54	2.35	37.02	2.37	39.63	2.42	41.67	2.47
		85	30.67	2.29	32.71	2.37	34.75	2.46	36.22	2.49	38.82	2.54	40.86	2.59
		90	29.88	2.40	31.92	2.48	33.95	2.57	35.42	2.60	38.01	2.65	40.05	2.71
		95	29.03	2.50	31.05	2.59	33.07	2.69	**34.00**	**2.72**	37.12	2.77	39.14	2.83
		100	28.32	2.61	30.34	2.70	32.37	2.80	33.56	2.84	36.41	2.89	38.43	2.95
		105	27.61	2.72	29.64	2.81	31.66	2.92	33.12	2.95	35.70	3.01	37.73	3.07
		110	26.91	2.82	28.93	2.92	30.95	3.03	32.41	3.07	35.00	3.12	37.02	3.19
		115	26.20	2.93	28.22	3.04	30.24	3.15	31.71	3.18	34.29	3.24	36.31	3.31
		118	25.78	2.99	27.80	3.10	29.82	3.21	31.28	3.25	33.87	3.31	35.89	3.38
		122	25.63	3.08	27.66	3.19	29.68	3.31	31.14	3.34	33.72	3.41	35.75	3.48

TC = Total Capacity (kBtu/h).

PI = Power Input (kW).

Nominal capacity as rated: 0 ft. above sea level with 25 ft. of refrigerant piping.
0 ft. level difference between outdoor and indoor units.

Nominal cooling capacity rating obtained with air entering the indoor unit at 80ºF dry bulb (DB) and 67ºF wet bulb (WB), and outdoor ambient conditions of 95ºF dry bulb (DB) and 75ºF wet bulb (WB).

The shaded table rows indicate reference data. When operating at this temperature, these values can be different if the system is not running consistently.

Due to our policy of continuous product innovation, some specifications may change without notification.
©LG Electronics U.S.A., Inc., Englewood Cliffs, NJ. All rights reserved. "LG" is a registered trademark of LG Corp.

Table 48: LMU369HV Cooling Capacity Table — Non-Ducted Indoor Units (continued).

Connected Indoor Units	Combination Capacity Index	Outdoor Air Temp. (°F DB)	Indoor Air Temp. °F DB / °F WB											
			68 / 57		73 / 61		77 / 64		80 / 67		86 / 72		90 / 75	
			TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
Four (4) Non-Ducted Indoor Units	9 + 9 + 9 + 12	14	33.33	1.70	35.40	1.76	37.47	1.83	38.96	1.85	41.61	1.88	43.68	1.92
		20	33.30	1.73	35.37	1.79	37.44	1.86	38.94	1.88	41.58	1.91	43.65	1.95
		25	33.28	1.75	35.35	1.82	37.41	1.88	38.91	1.90	41.55	1.94	43.61	1.98
		30	33.25	1.78	35.32	1.84	37.38	1.91	38.88	1.93	41.51	1.97	43.58	2.01
		35	33.23	1.80	35.29	1.87	37.36	1.93	38.85	1.96	41.48	1.99	43.55	2.03
		40	33.20	1.82	35.27	1.89	37.33	1.96	38.82	1.98	41.45	2.02	43.51	2.06
		45	33.18	1.85	35.24	1.92	37.30	1.99	38.79	2.01	41.42	2.05	43.48	2.09
		50	33.15	1.87	35.21	1.94	37.27	2.01	38.76	2.04	41.39	2.07	43.45	2.12
		55	33.13	1.90	35.18	1.97	37.24	2.04	38.73	2.06	41.36	2.10	43.41	2.14
		60	33.10	1.92	35.16	1.99	37.21	2.07	38.70	2.09	41.32	2.13	43.38	2.17
		65	33.08	1.95	35.13	2.02	37.18	2.09	38.67	2.12	41.29	2.16	43.35	2.20
		70	33.05	1.97	35.10	2.04	37.16	2.12	38.64	2.14	41.26	2.18	43.31	2.23
		75	32.26	2.08	34.30	2.15	36.35	2.23	37.83	2.26	40.45	2.30	42.49	2.35
		80	31.46	2.18	33.50	2.26	35.54	2.35	37.02	2.37	39.63	2.42	41.67	2.47
		85	30.67	2.29	32.71	2.37	34.75	2.46	36.22	2.49	38.82	2.54	40.86	2.59
		90	29.88	2.40	31.92	2.48	33.95	2.57	35.42	2.60	38.01	2.65	40.05	2.71
		95	29.03	2.50	31.05	2.59	33.07	2.69	**34.00**	**2.72**	37.12	2.77	39.14	2.83
		100	28.32	2.61	30.34	2.70	32.37	2.80	33.56	2.84	36.41	2.89	38.43	2.95
		105	27.61	2.72	29.64	2.81	31.66	2.92	33.12	2.95	35.70	3.01	37.73	3.07
		110	26.91	2.82	28.93	2.92	30.95	3.03	32.41	3.07	35.00	3.12	37.02	3.19
		115	26.20	2.93	28.22	3.04	30.24	3.15	31.71	3.18	34.29	3.24	36.31	3.31
		118	25.78	2.99	27.80	3.10	29.82	3.21	31.28	3.25	33.87	3.31	35.89	3.38
		122	25.63	3.08	27.66	3.19	29.68	3.31	31.14	3.34	33.72	3.41	35.75	3.48
	9 + 9 + 12 + 12	14	33.33	1.70	35.40	1.76	37.47	1.83	38.96	1.85	41.61	1.88	43.68	1.92
		20	33.30	1.73	35.37	1.79	37.44	1.86	38.94	1.88	41.58	1.91	43.65	1.95
		25	33.28	1.75	35.35	1.82	37.41	1.88	38.91	1.90	41.55	1.94	43.61	1.98
		30	33.25	1.78	35.32	1.84	37.38	1.91	38.88	1.93	41.51	1.97	43.58	2.01
		35	33.23	1.80	35.29	1.87	37.36	1.93	38.85	1.96	41.48	1.99	43.55	2.03
		40	33.20	1.82	35.27	1.89	37.33	1.96	38.82	1.98	41.45	2.02	43.51	2.06
		45	33.18	1.85	35.24	1.92	37.30	1.99	38.79	2.01	41.42	2.05	43.48	2.09
		50	33.15	1.87	35.21	1.94	37.27	2.01	38.76	2.04	41.39	2.07	43.45	2.12
		55	33.13	1.90	35.18	1.97	37.24	2.04	38.73	2.06	41.36	2.10	43.41	2.14
		60	33.10	1.92	35.16	1.99	37.21	2.07	38.70	2.09	41.32	2.13	43.38	2.17
		65	33.08	1.95	35.13	2.02	37.18	2.09	38.67	2.12	41.29	2.16	43.35	2.20
		70	33.05	1.97	35.10	2.04	37.16	2.12	38.64	2.14	41.26	2.18	43.31	2.23
		75	32.26	2.08	34.30	2.15	36.35	2.23	37.83	2.26	40.45	2.30	42.49	2.35
		80	31.46	2.18	33.50	2.26	35.54	2.35	37.02	2.37	39.63	2.42	41.67	2.47
		85	30.67	2.29	32.71	2.37	34.75	2.46	36.22	2.49	38.82	2.54	40.86	2.59
		90	29.88	2.40	31.92	2.48	33.95	2.57	35.42	2.60	38.01	2.65	40.05	2.71
		95	29.03	2.50	31.05	2.59	33.07	2.69	**34.00**	**2.72**	37.12	2.77	39.14	2.83
		100	28.32	2.61	30.34	2.70	32.37	2.80	33.56	2.84	36.41	2.89	38.43	2.95
		105	27.61	2.72	29.64	2.81	31.66	2.92	33.12	2.95	35.70	3.01	37.73	3.07
		110	26.91	2.82	28.93	2.92	30.95	3.03	32.41	3.07	35.00	3.12	37.02	3.19
		115	26.20	2.93	28.22	3.04	30.24	3.15	31.71	3.18	34.29	3.24	36.31	3.31
		118	25.78	2.99	27.80	3.10	29.82	3.21	31.28	3.25	33.87	3.31	35.89	3.38
		122	25.63	3.08	27.66	3.19	29.68	3.31	31.14	3.34	33.72	3.41	35.75	3.48

TC = Total Capacity (kBtu/h).

PI = Power Input (kW).

Nominal capacity as rated: 0 ft. above sea level with 25 ft. of refrigerant piping.
0 ft. level difference between outdoor and indoor units.

Nominal cooling capacity rating obtained with air entering the indoor unit at 80°F dry bulb (DB) and 67°F wet bulb (WB), and outdoor ambient conditions of 95°F dry bulb (DB) and 75°F wet bulb (WB).

The shaded table rows indicate reference data. When operating at this temperature, these values can be different if the system is not running consistently.

Due to our policy of continuous product innovation, some specifications may change without notification.
©LG Electronics U.S.A., Inc., Englewood Cliffs, NJ. All rights reserved. "LG" is a registered trademark of LG Corp.

PERFORMANCE DATA

Cooling Capacity Tables

Table 49: LMU369HV Cooling Capacity Table — Non-Ducted Indoor Units (continued).

Connected Indoor Units	Combination Capacity Index	Outdoor Air Temp. (°F DB)	Indoor Air Temp. °F DB / °F WB											
			68 / 57		73 / 61		77 / 64		80 / 67		86 / 72		90 / 75	
			TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
Four (4) Non-Ducted Indoor Units	9 + 12 + 12 + 12	14	33.33	1.70	35.40	1.76	37.47	1.83	38.96	1.85	41.61	1.88	43.68	1.92
		20	33.30	1.73	35.37	1.79	37.44	1.86	38.94	1.88	41.58	1.91	43.65	1.95
		25	33.28	1.75	35.35	1.82	37.41	1.88	38.91	1.90	41.55	1.94	43.61	1.98
		30	33.25	1.78	35.32	1.84	37.38	1.91	38.88	1.93	41.51	1.97	43.58	2.01
		35	33.23	1.80	35.29	1.87	37.36	1.93	38.85	1.96	41.48	1.99	43.55	2.03
		40	33.20	1.82	35.27	1.89	37.33	1.96	38.82	1.98	41.45	2.02	43.51	2.06
		45	33.18	1.85	35.24	1.92	37.30	1.99	38.79	2.01	41.42	2.05	43.48	2.09
		50	33.15	1.87	35.21	1.94	37.27	2.01	38.76	2.04	41.39	2.07	43.45	2.12
		55	33.13	1.90	35.18	1.97	37.24	2.04	38.73	2.06	41.36	2.10	43.41	2.14
		60	33.10	1.92	35.16	1.99	37.21	2.07	38.70	2.09	41.32	2.13	43.38	2.17
		65	33.08	1.95	35.13	2.02	37.18	2.09	38.67	2.12	41.29	2.16	43.35	2.20
		70	33.05	1.97	35.10	2.04	37.16	2.12	38.64	2.14	41.26	2.18	43.31	2.23
		75	32.26	2.08	34.30	2.15	36.35	2.23	37.83	2.26	40.45	2.30	42.49	2.35
		80	31.46	2.18	33.50	2.26	35.54	2.35	37.02	2.37	39.63	2.42	41.67	2.47
		85	30.67	2.29	32.71	2.37	34.75	2.46	36.22	2.49	38.82	2.54	40.86	2.59
		90	29.88	2.40	31.92	2.48	33.95	2.57	35.42	2.60	38.01	2.65	40.05	2.71
		95	29.03	2.50	31.05	2.59	33.07	2.69	**34.00**	**2.72**	37.12	2.77	39.14	2.83
		100	28.32	2.61	30.34	2.70	32.37	2.80	33.56	2.84	36.41	2.89	38.43	2.95
		105	27.61	2.72	29.64	2.81	31.66	2.92	33.12	2.95	35.70	3.01	37.73	3.07
		110	26.91	2.82	28.93	2.92	30.95	3.03	32.41	3.07	35.00	3.12	37.02	3.19
		115	26.20	2.93	28.22	3.04	30.24	3.15	31.71	3.18	34.29	3.24	36.31	3.31
		118	25.78	2.99	27.80	3.10	29.82	3.21	31.28	3.25	33.87	3.31	35.89	3.38
		122	25.63	3.08	27.66	3.19	29.68	3.31	31.14	3.34	33.72	3.41	35.75	3.48
	9 + 9 + 9 + 18	14	33.33	1.70	35.40	1.76	37.47	1.83	38.96	1.85	41.61	1.88	43.68	1.92
		20	33.30	1.73	35.37	1.79	37.44	1.86	38.94	1.88	41.58	1.91	43.65	1.95
		25	33.28	1.75	35.35	1.82	37.41	1.88	38.91	1.90	41.55	1.94	43.61	1.98
		30	33.25	1.78	35.32	1.84	37.38	1.91	38.88	1.93	41.51	1.97	43.58	2.01
		35	33.23	1.80	35.29	1.87	37.36	1.93	38.85	1.96	41.48	1.99	43.55	2.03
		40	33.20	1.82	35.27	1.89	37.33	1.96	38.82	1.98	41.45	2.02	43.51	2.06
		45	33.18	1.85	35.24	1.92	37.30	1.99	38.79	2.01	41.42	2.05	43.48	2.09
		50	33.15	1.87	35.21	1.94	37.27	2.01	38.76	2.04	41.39	2.07	43.45	2.12
		55	33.13	1.90	35.18	1.97	37.24	2.04	38.73	2.06	41.36	2.10	43.41	2.14
		60	33.10	1.92	35.16	1.99	37.21	2.07	38.70	2.09	41.32	2.13	43.38	2.17
		65	33.08	1.95	35.13	2.02	37.18	2.09	38.67	2.12	41.29	2.16	43.35	2.20
		70	33.05	1.97	35.10	2.04	37.16	2.12	38.64	2.14	41.26	2.18	43.31	2.23
		75	32.26	2.08	34.30	2.15	36.35	2.23	37.83	2.26	40.45	2.30	42.49	2.35
		80	31.46	2.18	33.50	2.26	35.54	2.35	37.02	2.37	39.63	2.42	41.67	2.47
		85	30.67	2.29	32.71	2.37	34.75	2.46	36.22	2.49	38.82	2.54	40.86	2.59
		90	29.88	2.40	31.92	2.48	33.95	2.57	35.42	2.60	38.01	2.65	40.05	2.71
		95	29.03	2.50	31.05	2.59	33.07	2.69	**34.00**	**2.72**	37.12	2.77	39.14	2.83
		100	28.32	2.61	30.34	2.70	32.37	2.80	33.56	2.84	36.41	2.89	38.43	2.95
		105	27.61	2.72	29.64	2.81	31.66	2.92	33.12	2.95	35.70	3.01	37.73	3.07
		110	26.91	2.82	28.93	2.92	30.95	3.03	32.41	3.07	35.00	3.12	37.02	3.19
		115	26.20	2.93	28.22	3.04	30.24	3.15	31.71	3.18	34.29	3.24	36.31	3.31
		118	25.78	2.99	27.80	3.10	29.82	3.21	31.28	3.25	33.87	3.31	35.89	3.38
		122	25.63	3.08	27.66	3.19	29.68	3.31	31.14	3.34	33.72	3.41	35.75	3.48

TC = Total Capacity (kBtu/h).

PI = Power Input (kW).

Nominal capacity as rated: 0 ft. above sea level with 25 ft. of refrigerant piping.
0 ft. level difference between outdoor and indoor units.

Nominal cooling capacity rating obtained with air entering the indoor unit at 80ºF dry bulb (DB) and 67ºF wet bulb (WB), and outdoor ambient conditions of 95ºF dry bulb (DB) and 75ºF wet bulb (WB).

The shaded table rows indicate reference data. When operating at this temperature, these values can be different if the system is not running consistently.

Due to our policy of continuous product innovation, some specifications may change without notification.
©LG Electronics U.S.A., Inc., Englewood Cliffs, NJ. All rights reserved. "LG" is a registered trademark of LG Corp.

Table 50: LMU369HV Cooling Capacity Table — Non-Ducted Indoor Units (continued).

Connected Indoor Units	Combination Capacity Index	Outdoor Air Temp. (°F DB)	Indoor Air Temp. °F DB / °F WB											
			68 / 57		73 / 61		77 / 64		80 / 67		86 / 72		90 / 75	
			TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
Four (4) Non-Ducted Indoor Units	9 + 9 + 12 + 18	14	33.33	1.70	35.40	1.76	37.47	1.83	38.96	1.85	41.61	1.88	43.68	1.92
		20	33.30	1.73	35.37	1.79	37.44	1.86	38.94	1.88	41.58	1.91	43.65	1.95
		25	33.28	1.75	35.35	1.82	37.41	1.88	38.91	1.90	41.55	1.94	43.61	1.98
		30	33.25	1.78	35.32	1.84	37.38	1.91	38.88	1.93	41.51	1.97	43.58	2.01
		35	33.23	1.80	35.29	1.87	37.36	1.93	38.85	1.96	41.48	1.99	43.55	2.03
		40	33.20	1.82	35.27	1.89	37.33	1.96	38.82	1.98	41.45	2.02	43.51	2.06
		45	33.18	1.85	35.24	1.92	37.30	1.99	38.79	2.01	41.42	2.05	43.48	2.09
		50	33.15	1.87	35.21	1.94	37.27	2.01	38.76	2.04	41.39	2.07	43.45	2.12
		55	33.13	1.90	35.18	1.97	37.24	2.04	38.73	2.06	41.36	2.10	43.41	2.14
		60	33.10	1.92	35.16	1.99	37.21	2.07	38.70	2.09	41.32	2.13	43.38	2.17
		65	33.08	1.95	35.13	2.02	37.18	2.09	38.67	2.12	41.29	2.16	43.35	2.20
		70	33.05	1.97	35.10	2.04	37.16	2.12	38.64	2.14	41.26	2.18	43.31	2.23
		75	32.26	2.08	34.30	2.15	36.35	2.23	37.83	2.26	40.45	2.30	42.49	2.35
		80	31.46	2.18	33.50	2.26	35.54	2.35	37.02	2.37	39.63	2.42	41.67	2.47
		85	30.67	2.29	32.71	2.37	34.75	2.46	36.22	2.49	38.82	2.54	40.86	2.59
		90	29.88	2.40	31.92	2.48	33.95	2.57	35.42	2.60	38.01	2.65	40.05	2.71
		95	29.03	2.50	31.05	2.59	33.07	2.69	**34.00**	**2.72**	37.12	2.77	39.14	2.83
		100	28.32	2.61	30.34	2.70	32.37	2.80	33.56	2.84	36.41	2.89	38.43	2.95
		105	27.61	2.72	29.64	2.81	31.66	2.92	33.12	2.95	35.70	3.01	37.73	3.07
		110	26.91	2.82	28.93	2.92	30.95	3.03	32.41	3.07	35.00	3.12	37.02	3.19
		115	26.20	2.93	28.22	3.04	30.24	3.15	31.71	3.18	34.29	3.24	36.31	3.31
		118	25.78	2.99	27.80	3.10	29.82	3.21	31.28	3.25	33.87	3.31	35.89	3.38
		122	25.63	3.08	27.66	3.19	29.68	3.31	31.14	3.34	33.72	3.41	35.75	3.48
	12 + 12 + 12 + 12	14	33.33	1.70	35.40	1.76	37.47	1.83	38.96	1.85	41.61	1.88	43.68	1.92
		20	33.30	1.73	35.37	1.79	37.44	1.86	38.94	1.88	41.58	1.91	43.65	1.95
		25	33.28	1.75	35.35	1.82	37.41	1.88	38.91	1.90	41.55	1.94	43.61	1.98
		30	33.25	1.78	35.32	1.84	37.38	1.91	38.88	1.93	41.51	1.97	43.58	2.01
		35	33.23	1.80	35.29	1.87	37.36	1.93	38.85	1.96	41.48	1.99	43.55	2.03
		40	33.20	1.82	35.27	1.89	37.33	1.96	38.82	1.98	41.45	2.02	43.51	2.06
		45	33.18	1.85	35.24	1.92	37.30	1.99	38.79	2.01	41.42	2.05	43.48	2.09
		50	33.15	1.87	35.21	1.94	37.27	2.01	38.76	2.04	41.39	2.07	43.45	2.12
		55	33.13	1.90	35.18	1.97	37.24	2.04	38.73	2.06	41.36	2.10	43.41	2.14
		60	33.10	1.92	35.16	1.99	37.21	2.07	38.70	2.09	41.32	2.13	43.38	2.17
		65	33.08	1.95	35.13	2.02	37.18	2.09	38.67	2.12	41.29	2.16	43.35	2.20
		70	33.05	1.97	35.10	2.04	37.16	2.12	38.64	2.14	41.26	2.18	43.31	2.23
		75	32.26	2.08	34.30	2.15	36.35	2.23	37.83	2.26	40.45	2.30	42.49	2.35
		80	31.46	2.18	33.50	2.26	35.54	2.35	37.02	2.37	39.63	2.42	41.67	2.47
		85	30.67	2.29	32.71	2.37	34.75	2.46	36.22	2.49	38.82	2.54	40.86	2.59
		90	29.88	2.40	31.92	2.48	33.95	2.57	35.42	2.60	38.01	2.65	40.05	2.71
		95	29.03	2.50	31.05	2.59	33.07	2.69	**34.00**	**2.72**	37.12	2.77	39.14	2.83
		100	28.32	2.61	30.34	2.70	32.37	2.80	33.56	2.84	36.41	2.89	38.43	2.95
		105	27.61	2.72	29.64	2.81	31.66	2.92	33.12	2.95	35.70	3.01	37.73	3.07
		110	26.91	2.82	28.93	2.92	30.95	3.03	32.41	3.07	35.00	3.12	37.02	3.19
		115	26.20	2.93	28.22	3.04	30.24	3.15	31.71	3.18	34.29	3.24	36.31	3.31
		118	25.78	2.99	27.80	3.10	29.82	3.21	31.28	3.25	33.87	3.31	35.89	3.38
		122	25.63	3.08	27.66	3.19	29.68	3.31	31.14	3.34	33.72	3.41	35.75	3.48

TC = Total Capacity (kBtu/h).

PI = Power Input (kW).

Nominal capacity as rated: 0 ft. above sea level with 25 ft. of refrigerant piping.
0 ft. level difference between outdoor and indoor units.

Nominal cooling capacity rating obtained with air entering the indoor unit at 80ºF dry bulb (DB) and 67ºF wet bulb (WB), and outdoor ambient conditions of 95ºF dry bulb (DB) and 75ºF wet bulb (WB).

The shaded table rows indicate reference data. When operating at this temperature, these values can be different if the system is not running consistently.

Due to our policy of continuous product innovation, some specifications may change without notification.
©LG Electronics U.S.A., Inc., Englewood Cliffs, NJ. All rights reserved. "LG" is a registered trademark of LG Corp.

PERFORMANCE DATA

Cooling Capacity Tables

Table 51: LMU369HV Cooling Capacity Table — Ducted Indoor Units

Connected Indoor Units	Combination Capacity Index	Outdoor Air Temp. (°F DB)	Indoor Air Temp. °F DB / °F WB											
			68 / 57		73 / 61		77 / 64		80 / 67		86 / 72		90 / 75	
			TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
Two (2) Ducted Indoor Units	9 + 9	14	17.65	1.24	18.74	1.28	19.84	1.33	20.63	1.35	22.03	1.37	23.12	1.40
		20	17.63	1.26	18.73	1.30	19.82	1.35	20.61	1.37	22.01	1.39	23.11	1.42
		25	17.62	1.27	18.71	1.32	19.81	1.37	20.60	1.39	22.00	1.41	23.09	1.44
		30	17.60	1.29	18.70	1.34	19.79	1.39	20.58	1.40	21.98	1.43	23.07	1.46
		35	17.59	1.31	18.68	1.36	19.78	1.41	20.57	1.42	21.96	1.45	23.05	1.48
		40	17.58	1.33	18.67	1.38	19.76	1.43	20.55	1.44	21.94	1.47	23.04	1.50
		45	17.56	1.35	18.66	1.40	19.75	1.45	20.53	1.46	21.93	1.49	23.02	1.52
		50	17.55	1.36	18.64	1.41	19.73	1.47	20.52	1.48	21.91	1.51	23.00	1.54
		55	17.54	1.38	18.63	1.43	19.72	1.48	20.50	1.50	21.89	1.53	22.98	1.56
		60	17.52	1.40	18.61	1.45	19.70	1.50	20.49	1.52	21.88	1.55	22.97	1.58
		65	17.51	1.42	18.60	1.47	19.69	1.52	20.47	1.54	21.86	1.57	22.95	1.60
		70	17.50	1.43	18.58	1.49	19.67	1.54	20.46	1.56	21.84	1.59	22.93	1.62
		75	17.08	1.51	18.16	1.57	19.24	1.62	20.03	1.64	21.41	1.67	22.50	1.71
		80	16.66	1.59	17.74	1.65	18.82	1.71	19.60	1.73	20.98	1.76	22.06	1.80
		85	16.24	1.67	17.32	1.73	18.40	1.79	19.17	1.81	20.55	1.85	21.63	1.88
		90	15.82	1.74	16.90	1.81	17.97	1.87	18.75	1.90	20.12	1.93	21.20	1.97
		95	15.37	1.82	16.44	1.89	17.51	1.96	**18.00**	**1.98**	19.65	2.02	20.72	2.06
		100	14.99	1.90	16.06	1.97	17.13	2.04	17.77	2.06	19.28	2.10	20.35	2.15
		105	14.62	1.98	15.69	2.05	16.76	2.12	17.53	2.15	18.90	2.19	19.97	2.23
		110	14.24	2.05	15.32	2.13	16.39	2.21	17.16	2.23	18.53	2.27	19.60	2.32
		115	13.87	2.13	14.94	2.21	16.01	2.29	16.79	2.32	18.15	2.36	19.22	2.41
		118	13.65	2.18	14.72	2.26	15.79	2.34	16.56	2.37	17.93	2.41	19.00	2.46
		122	13.57	2.24	14.64	2.32	15.71	2.41	16.49	2.43	17.85	2.48	18.92	2.53
	9 + 12	14	20.59	1.38	21.86	1.43	23.14	1.48	24.07	1.50	25.70	1.52	26.98	1.55
		20	20.57	1.40	21.85	1.45	23.13	1.50	24.05	1.52	25.68	1.55	26.96	1.58
		25	20.55	1.42	21.83	1.47	23.11	1.52	24.03	1.54	25.66	1.57	26.94	1.60
		30	20.54	1.44	21.81	1.49	23.09	1.54	24.01	1.56	25.64	1.59	26.92	1.62
		35	20.52	1.46	21.80	1.51	23.07	1.56	23.99	1.58	25.62	1.61	26.90	1.64
		40	20.51	1.48	21.78	1.53	23.05	1.59	23.97	1.60	25.60	1.63	26.88	1.67
		45	20.49	1.50	21.76	1.55	23.04	1.61	23.96	1.63	25.58	1.66	26.86	1.69
		50	20.48	1.52	21.75	1.57	23.02	1.63	23.94	1.65	25.56	1.68	26.83	1.71
		55	20.46	1.54	21.73	1.59	23.00	1.65	23.92	1.67	25.54	1.70	26.81	1.73
		60	20.44	1.55	21.71	1.61	22.98	1.67	23.90	1.69	25.52	1.72	26.79	1.76
		65	20.43	1.57	21.70	1.63	22.97	1.69	23.88	1.71	25.50	1.74	26.77	1.78
		70	20.41	1.59	21.68	1.65	22.95	1.71	23.86	1.73	25.48	1.77	26.75	1.80
		75	19.92	1.68	21.19	1.74	22.45	1.81	23.36	1.83	24.98	1.86	26.25	1.90
		80	19.43	1.77	20.69	1.83	21.95	1.90	22.87	1.92	24.48	1.96	25.74	1.99
		85	18.94	1.85	20.20	1.92	21.46	1.99	22.37	2.01	23.98	2.05	25.24	2.09
		90	18.46	1.94	19.71	2.01	20.97	2.08	21.87	2.11	23.48	2.15	24.73	2.19
		95	17.93	2.02	19.18	2.10	20.43	2.17	**21.00**	**2.20**	22.93	2.24	24.17	2.29
		100	17.49	2.11	18.74	2.19	19.99	2.27	20.73	2.29	22.49	2.34	23.74	2.38
		105	17.06	2.20	18.30	2.28	19.55	2.36	20.46	2.39	22.05	2.43	23.30	2.48
		110	16.62	2.28	17.87	2.37	19.12	2.45	20.02	2.48	21.62	2.53	22.86	2.58
		115	16.18	2.37	17.43	2.45	18.68	2.54	19.58	2.57	21.18	2.62	22.43	2.67
		118	15.92	2.42	17.17	2.51	18.42	2.60	19.32	2.63	20.92	2.68	22.17	2.73
		122	15.83	2.49	17.08	2.58	18.33	2.67	19.23	2.70	20.83	2.76	22.08	2.81

TC = Total Capacity (kBtu/h).

PI = Power Input (kW).

Nominal capacity as rated: 0 ft. above sea level with 25 ft. of refrigerant piping.
0 ft. level difference between outdoor and indoor units.

Nominal cooling capacity rating obtained with air entering the indoor unit at 80°F dry bulb (DB) and 67°F wet bulb (WB), and outdoor ambient conditions of 95°F dry bulb (DB) and 75°F wet bulb (WB).

The shaded table rows indicate reference data. When operating at this temperature, these values can be different if the system is not running consistently.

Due to our policy of continuous product innovation, some specifications may change without notification.
©LG Electronics U.S.A., Inc., Englewood Cliffs, NJ. All rights reserved. "LG" is a registered trademark of LG Corp.

Table 52: LMU369HV Cooling Capacity Table — Ducted Indoor Units (continued)

Connected Indoor Units	Combination Capacity Index	Outdoor Air Temp. (°F DB)	Indoor Air Temp. °F DB / °F WB											
			68 / 57		73 / 61		77 / 64		80 / 67		86 / 72		90 / 75	
			TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
Two (2) Ducted Indoor Units	12 + 12	14	23.53	1.51	24.99	1.57	26.45	1.63	27.50	1.65	29.37	1.68	30.83	1.71
		20	23.51	1.54	24.97	1.59	26.43	1.65	27.48	1.67	29.35	1.70	30.81	1.73
		25	23.49	1.56	24.95	1.61	26.41	1.67	27.46	1.69	29.33	1.72	30.79	1.76
		30	23.47	1.58	24.93	1.64	26.39	1.70	27.44	1.72	29.30	1.75	30.76	1.78
		35	23.46	1.60	24.91	1.66	26.37	1.72	27.42	1.74	29.28	1.77	30.74	1.81
		40	23.44	1.62	24.89	1.68	26.35	1.74	27.40	1.76	29.26	1.80	30.72	1.83
		45	23.42	1.64	24.87	1.71	26.33	1.77	27.38	1.79	29.24	1.82	30.69	1.86
		50	23.40	1.67	24.85	1.73	26.31	1.79	27.36	1.81	29.21	1.85	30.67	1.88
		55	23.38	1.69	24.84	1.75	26.29	1.81	27.34	1.83	29.19	1.87	30.64	1.91
		60	23.37	1.71	24.82	1.77	26.27	1.84	27.32	1.86	29.17	1.89	30.62	1.93
		65	23.35	1.73	24.80	1.80	26.25	1.86	27.29	1.88	29.15	1.92	30.60	1.96
		70	23.33	1.75	24.78	1.82	26.23	1.88	27.27	1.91	29.13	1.94	30.57	1.98
		75	22.77	1.85	24.21	1.92	25.66	1.99	26.70	2.01	28.55	2.05	29.99	2.09
		80	22.21	1.94	23.65	2.01	25.09	2.09	26.13	2.11	27.97	2.15	29.42	2.19
		85	21.65	2.04	23.09	2.11	24.53	2.19	25.57	2.21	27.40	2.26	28.84	2.30
		90	21.09	2.13	22.53	2.21	23.96	2.29	25.00	2.32	26.83	2.36	28.27	2.41
		95	20.49	2.23	21.92	2.31	23.35	2.39	**24.00**	**2.42**	26.20	2.47	27.63	2.51
		100	19.99	2.32	21.42	2.41	22.85	2.49	23.69	2.52	25.70	2.57	27.13	2.62
		105	19.49	2.42	20.92	2.50	22.35	2.60	23.38	2.63	25.20	2.67	26.63	2.73
		110	18.99	2.51	20.42	2.60	21.85	2.70	22.88	2.73	24.70	2.78	26.13	2.84
		115	18.49	2.61	19.92	2.70	21.35	2.80	22.38	2.83	24.20	2.88	25.63	2.94
		118	18.19	2.66	19.62	2.76	21.05	2.86	22.08	2.89	23.90	2.95	25.33	3.01
		122	18.10	2.74	19.52	2.84	20.95	2.94	21.98	2.98	23.81	3.03	25.23	3.09
	9 + 18	14	26.47	1.58	28.11	1.64	29.76	1.70	30.94	1.72	33.04	1.75	34.69	1.79
		20	26.45	1.61	28.09	1.66	29.73	1.73	30.92	1.75	33.02	1.78	34.66	1.81
		25	26.43	1.63	28.07	1.69	29.71	1.75	30.90	1.77	32.99	1.80	34.63	1.84
		30	26.41	1.65	28.05	1.71	29.69	1.77	30.87	1.79	32.97	1.83	34.61	1.87
		35	26.39	1.67	28.03	1.74	29.66	1.80	30.85	1.82	32.94	1.85	34.58	1.89
		40	26.37	1.70	28.00	1.76	29.64	1.82	30.82	1.84	32.92	1.88	34.55	1.92
		45	26.35	1.72	27.98	1.78	29.62	1.85	30.80	1.87	32.89	1.90	34.53	1.94
		50	26.33	1.74	27.96	1.81	29.60	1.87	30.78	1.89	32.87	1.93	34.50	1.97
		55	26.31	1.77	27.94	1.83	29.57	1.90	30.75	1.92	32.84	1.95	34.48	1.99
		60	26.29	1.79	27.92	1.85	29.55	1.92	30.73	1.94	32.82	1.98	34.45	2.02
		65	26.27	1.81	27.90	1.88	29.53	1.95	30.71	1.97	32.79	2.00	34.42	2.04
		70	26.25	1.83	27.88	1.90	29.51	1.97	30.68	1.99	32.77	2.03	34.40	2.07
		75	25.61	1.93	27.24	2.00	28.87	2.08	30.04	2.10	32.12	2.14	33.74	2.18
		80	24.98	2.03	26.60	2.11	28.23	2.18	29.40	2.21	31.47	2.25	33.09	2.29
		85	24.36	2.13	25.97	2.21	27.59	2.29	28.76	2.32	30.83	2.36	32.45	2.41
		90	23.73	2.23	25.34	2.31	26.96	2.39	28.12	2.42	30.19	2.47	31.80	2.52
		95	23.05	2.33	24.66	2.41	26.26	2.50	**27.00**	**2.53**	29.48	2.58	31.08	2.63
		100	22.49	2.43	24.10	2.52	25.70	2.61	26.65	2.64	28.91	2.69	30.52	2.74
		105	21.93	2.53	23.53	2.62	25.14	2.71	26.30	2.74	28.35	2.80	29.96	2.85
		110	21.37	2.62	22.97	2.72	24.58	2.82	25.74	2.85	27.79	2.91	29.40	2.96
		115	20.81	2.72	22.41	2.82	24.02	2.93	25.18	2.96	27.23	3.02	28.84	3.08
		118	20.47	2.78	22.08	2.88	23.68	2.99	24.84	3.02	26.89	3.08	28.50	3.14
		122	20.36	2.86	21.96	2.97	23.57	3.08	24.73	3.11	26.78	3.17	28.39	3.23

TC = Total Capacity (kBtu/h).

PI = Power Input (kW).

Nominal capacity as rated: 0 ft. above sea level with 25 ft. of refrigerant piping.
0 ft. level difference between outdoor and indoor units.

Nominal cooling capacity rating obtained with air entering the indoor unit at 80ºF dry bulb (DB) and 67ºF wet bulb (WB), and outdoor ambient conditions of 95ºF dry bulb (DB) and 75ºF wet bulb (WB).

The shaded table rows indicate reference data. When operating at this temperature, these values can be different if the system is not running consistently.

Due to our policy of continuous product innovation, some specifications may change without notification.
©LG Electronics U.S.A., Inc., Englewood Cliffs, NJ. All rights reserved. "LG" is a registered trademark of LG Corp.

PERFORMANCE DATA

Cooling Capacity Tables

Table 53: LMU369HV Cooling Capacity Table — Ducted Indoor Units (continued)

Connected Indoor Units	Combination Capacity Index	Outdoor Air Temp. (°F DB)	Indoor Air Temp. °F DB / °F WB											
			68 / 57		73 / 61		77 / 64		80 / 67		86 / 72		90 / 75	
			TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
Two (2) Ducted Indoor Units	12 + 18	14	29.41	1.70	31.24	1.76	33.06	1.82	34.38	1.84	36.71	1.88	38.54	1.92
		20	29.39	1.72	31.21	1.78	33.04	1.85	34.35	1.87	36.69	1.90	38.51	1.94
		25	29.36	1.74	31.19	1.81	33.01	1.87	34.33	1.90	36.66	1.93	38.48	1.97
		30	29.34	1.77	31.16	1.83	32.99	1.90	34.30	1.92	36.63	1.96	38.45	2.00
		35	29.32	1.79	31.14	1.86	32.96	1.93	34.28	1.95	36.60	1.99	38.42	2.03
		40	29.30	1.82	31.12	1.88	32.94	1.95	34.25	1.98	36.57	2.01	38.39	2.05
		45	29.27	1.84	31.09	1.91	32.91	1.98	34.22	2.00	36.55	2.04	38.36	2.08
		50	29.25	1.87	31.07	1.93	32.89	2.01	34.20	2.03	36.52	2.07	38.34	2.11
		55	29.23	1.89	31.04	1.96	32.86	2.03	34.17	2.05	36.49	2.09	38.31	2.14
		60	29.21	1.92	31.02	1.99	32.83	2.06	34.14	2.08	36.46	2.12	38.28	2.16
		65	29.18	1.94	31.00	2.01	32.81	2.08	34.12	2.11	36.43	2.15	38.25	2.19
		70	29.16	1.96	30.97	2.04	32.78	2.11	34.09	2.13	36.41	2.17	38.22	2.22
		75	28.46	2.07	30.27	2.15	32.07	2.22	33.38	2.25	35.69	2.29	37.49	2.34
		80	27.76	2.18	29.56	2.26	31.36	2.34	32.66	2.36	34.97	2.41	36.77	2.46
		85	27.06	2.28	28.86	2.37	30.66	2.45	31.96	2.48	34.25	2.53	36.05	2.58
		90	26.37	2.39	28.16	2.47	29.95	2.57	31.25	2.59	33.54	2.64	35.33	2.70
		95	25.61	2.49	27.40	2.58	29.18	2.68	**30.00**	**2.71**	32.75	2.76	34.53	2.82
		100	24.99	2.60	26.77	2.69	28.56	2.79	29.61	2.83	32.13	2.88	33.91	2.94
		105	24.37	2.71	26.15	2.80	27.93	2.91	29.22	2.94	31.50	3.00	33.29	3.06
		110	23.74	2.81	25.53	2.91	27.31	3.02	28.60	3.06	30.88	3.11	32.66	3.18
		115	23.12	2.92	24.90	3.02	26.69	3.13	27.98	3.17	30.26	3.23	32.04	3.29
		118	22.74	2.98	24.53	3.09	26.31	3.20	27.60	3.24	29.88	3.30	31.67	3.37
		122	22.62	3.07	24.40	3.18	26.19	3.29	27.48	3.33	29.76	3.39	31.54	3.46
	18 + 18	14	32.35	1.88	34.36	1.95	36.37	2.02	37.82	2.04	40.39	2.08	42.40	2.12
		20	32.33	1.90	34.33	1.97	36.34	2.05	37.79	2.07	40.36	2.11	42.36	2.15
		25	32.30	1.93	34.31	2.00	36.31	2.07	37.76	2.10	40.32	2.14	42.33	2.18
		30	32.28	1.96	34.28	2.03	36.28	2.10	37.73	2.13	40.29	2.17	42.30	2.21
		35	32.25	1.99	34.25	2.06	36.26	2.13	37.70	2.16	40.26	2.20	42.27	2.24
		40	32.23	2.01	34.23	2.09	36.23	2.16	37.67	2.19	40.23	2.23	42.23	2.27
		45	32.20	2.04	34.20	2.11	36.20	2.19	37.65	2.22	40.20	2.26	42.20	2.30
		50	32.18	2.07	34.18	2.14	36.17	2.22	37.62	2.25	40.17	2.29	42.17	2.33
		55	32.15	2.09	34.15	2.17	36.15	2.25	37.59	2.27	40.14	2.32	42.14	2.36
		60	32.13	2.12	34.12	2.20	36.12	2.28	37.56	2.30	40.11	2.35	42.10	2.39
		65	32.10	2.15	34.10	2.23	36.09	2.31	37.53	2.33	40.08	2.38	42.07	2.42
		70	32.08	2.17	34.07	2.25	36.06	2.34	37.50	2.36	40.05	2.41	42.04	2.46
		75	31.31	2.29	33.29	2.38	35.28	2.46	36.72	2.49	39.26	2.54	41.24	2.59
		80	30.53	2.41	32.52	2.50	34.50	2.59	35.93	2.62	38.46	2.67	40.45	2.72
		85	29.77	2.53	31.75	2.62	33.72	2.71	35.15	2.75	37.68	2.80	39.66	2.85
		90	29.00	2.64	30.98	2.74	32.95	2.84	34.37	2.87	36.89	2.93	38.87	2.99
		95	28.17	2.76	30.14	2.86	32.10	2.97	**33.00**	**3.00**	36.03	3.06	37.99	3.12
		100	27.49	2.88	29.45	2.98	31.41	3.09	32.57	3.13	35.34	3.19	37.30	3.25
		105	26.80	3.00	28.76	3.10	30.73	3.22	32.14	3.25	34.65	3.32	36.62	3.38
		110	26.12	3.11	28.08	3.23	30.04	3.34	31.46	3.38	33.97	3.45	35.93	3.52
		115	25.43	3.23	27.39	3.35	29.36	3.47	30.77	3.51	33.28	3.58	35.24	3.65
		118	25.02	3.30	26.98	3.42	28.94	3.55	30.36	3.59	32.87	3.65	34.83	3.73
		122	24.88	3.39	26.84	3.52	28.81	3.65	30.22	3.69	32.73	3.76	34.69	3.83

TC = Total Capacity (kBtu/h).

PI = Power Input (kW).

Nominal capacity as rated: 0 ft. above sea level with 25 ft. of refrigerant piping.
0 ft. level difference between outdoor and indoor units.

Nominal cooling capacity rating obtained with air entering the indoor unit at 80ºF dry bulb (DB) and 67ºF wet bulb (WB), and outdoor ambient conditions of 95ºF dry bulb (DB) and 75ºF wet bulb (WB).

The shaded table rows indicate reference data. When operating at this temperature, these values can be different if the system is not running consistently.

Due to our policy of continuous product innovation, some specifications may change without notification.
©LG Electronics U.S.A., Inc., Englewood Cliffs, NJ. All rights reserved. "LG" is a registered trademark of LG Corp.

PERFORMANCE DATA

Cooling Capacity Tables

Table 54: LMU369HV Cooling Capacity Table — Ducted Indoor Units (continued).

Connected Indoor Units	Combination Capacity Index	Outdoor Air Temp. (°F DB)	Indoor Air Temp. °F DB / °F WB											
			68 / 57		73 / 61		77 / 64		80 / 67		86 / 72		90 / 75	
			TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
Two (2) Ducted Indoor Units	24 + 9	14	32.35	1.88	34.36	1.95	36.37	2.02	37.82	2.04	40.39	2.08	42.40	2.12
		20	32.33	1.90	34.33	1.97	36.34	2.05	37.79	2.07	40.36	2.11	42.36	2.15
		25	32.30	1.93	34.31	2.00	36.31	2.07	37.76	2.10	40.32	2.14	42.33	2.18
		30	32.28	1.96	34.28	2.03	36.28	2.10	37.73	2.13	40.29	2.17	42.30	2.21
		35	32.25	1.99	34.25	2.06	36.26	2.13	37.70	2.16	40.26	2.20	42.27	2.24
		40	32.23	2.01	34.23	2.09	36.23	2.16	37.67	2.19	40.23	2.23	42.23	2.27
		45	32.20	2.04	34.20	2.11	36.20	2.19	37.65	2.22	40.20	2.26	42.20	2.30
		50	32.18	2.07	34.18	2.14	36.17	2.22	37.62	2.25	40.17	2.29	42.17	2.33
		55	32.15	2.09	34.15	2.17	36.15	2.25	37.59	2.27	40.14	2.32	42.14	2.36
		60	32.13	2.12	34.12	2.20	36.12	2.28	37.56	2.30	40.11	2.35	42.10	2.39
		65	32.10	2.15	34.10	2.23	36.09	2.31	37.53	2.33	40.08	2.38	42.07	2.42
		70	32.08	2.17	34.07	2.25	36.06	2.34	37.50	2.36	40.05	2.41	42.04	2.46
		75	31.31	2.29	33.29	2.38	35.28	2.46	36.72	2.49	39.26	2.54	41.24	2.59
		80	30.53	2.41	32.52	2.50	34.50	2.59	35.93	2.62	38.46	2.67	40.45	2.72
		85	29.77	2.53	31.75	2.62	33.72	2.71	35.15	2.75	37.68	2.80	39.66	2.85
		90	29.00	2.64	30.98	2.74	32.95	2.84	34.37	2.87	36.89	2.93	38.87	2.99
		95	28.17	2.76	30.14	2.86	32.10	2.97	**33.00**	**3.00**	36.03	3.06	37.99	3.12
		100	27.49	2.88	29.45	2.98	31.41	3.09	32.57	3.13	35.34	3.19	37.30	3.25
		105	26.80	3.00	28.76	3.10	30.73	3.22	32.14	3.25	34.65	3.32	36.62	3.38
		110	26.12	3.11	28.08	3.23	30.04	3.34	31.46	3.38	33.97	3.45	35.93	3.52
		115	25.43	3.23	27.39	3.35	29.36	3.47	30.77	3.51	33.28	3.58	35.24	3.65
		118	25.02	3.30	26.98	3.42	28.94	3.55	30.36	3.59	32.87	3.65	34.83	3.73
		122	24.88	3.39	26.84	3.52	28.81	3.65	30.22	3.69	32.73	3.76	34.69	3.83
	24 + 12	14	32.35	1.88	34.36	1.95	36.37	2.02	37.82	2.04	40.39	2.08	42.40	2.12
		20	32.33	1.90	34.33	1.97	36.34	2.05	37.79	2.07	40.36	2.11	42.36	2.15
		25	32.30	1.93	34.31	2.00	36.31	2.07	37.76	2.10	40.32	2.14	42.33	2.18
		30	32.28	1.96	34.28	2.03	36.28	2.10	37.73	2.13	40.29	2.17	42.30	2.21
		35	32.25	1.99	34.25	2.06	36.26	2.13	37.70	2.16	40.26	2.20	42.27	2.24
		40	32.23	2.01	34.23	2.09	36.23	2.16	37.67	2.19	40.23	2.23	42.23	2.27
		45	32.20	2.04	34.20	2.11	36.20	2.19	37.65	2.22	40.20	2.26	42.20	2.30
		50	32.18	2.07	34.18	2.14	36.17	2.22	37.62	2.25	40.17	2.29	42.17	2.33
		55	32.15	2.09	34.15	2.17	36.15	2.25	37.59	2.27	40.14	2.32	42.14	2.36
		60	32.13	2.12	34.12	2.20	36.12	2.28	37.56	2.30	40.11	2.35	42.10	2.39
		65	32.10	2.15	34.10	2.23	36.09	2.31	37.53	2.33	40.08	2.38	42.07	2.42
		70	32.08	2.17	34.07	2.25	36.06	2.34	37.50	2.36	40.05	2.41	42.04	2.46
		75	31.31	2.29	33.29	2.38	35.28	2.46	36.72	2.49	39.26	2.54	41.24	2.59
		80	30.53	2.41	32.52	2.50	34.50	2.59	35.93	2.62	38.46	2.67	40.45	2.72
		85	29.77	2.53	31.75	2.62	33.72	2.71	35.15	2.75	37.68	2.80	39.66	2.85
		90	29.00	2.64	30.98	2.74	32.95	2.84	34.37	2.87	36.89	2.93	38.87	2.99
		95	28.17	2.76	30.14	2.86	32.10	2.97	**33.00**	**3.00**	36.03	3.06	37.99	3.12
		100	27.49	2.88	29.45	2.98	31.41	3.09	32.57	3.13	35.34	3.19	37.30	3.25
		105	26.80	3.00	28.76	3.10	30.73	3.22	32.14	3.25	34.65	3.32	36.62	3.38
		110	26.12	3.11	28.08	3.23	30.04	3.34	31.46	3.38	33.97	3.45	35.93	3.52
		115	25.43	3.23	27.39	3.35	29.36	3.47	30.77	3.51	33.28	3.58	35.24	3.65
		118	25.02	3.30	26.98	3.42	28.94	3.55	30.36	3.59	32.87	3.65	34.83	3.73
		122	24.88	3.39	26.84	3.52	28.81	3.65	30.22	3.69	32.73	3.76	34.69	3.83

TC = Total Capacity (kBtu/h).

PI = Power Input (kW).

Nominal capacity as rated: 0 ft. above sea level with 25 ft. of refrigerant piping.
0 ft. level difference between outdoor and indoor units.

Nominal cooling capacity rating obtained with air entering the indoor unit at 80°F dry bulb (DB) and 67°F wet bulb (WB), and outdoor ambient conditions of 95°F dry bulb (DB) and 75°F wet bulb (WB).

The shaded table rows indicate reference data. When operating at this temperature, these values can be different if the system is not running consistently.

Due to our policy of continuous product innovation, some specifications may change without notification.
©LG Electronics U.S.A., Inc., Englewood Cliffs, NJ. All rights reserved. "LG" is a registered trademark of LG Corp.

PERFORMANCE DATA

Cooling Capacity Tables

Table 55: LMU369HV Cooling Capacity Table — Ducted Indoor Units (continued).

Connected Indoor Units	Combination Capacity Index	Outdoor Air Temp. (°F DB)	Indoor Air Temp. °F DB / °F WB											
			68 / 57		73 / 61		77 / 64		80 / 67		86 / 72		90 / 75	
			TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
Three (3) Ducted Indoor Units	9 + 9 + 9	14	26.47	1.58	28.11	1.64	29.76	1.70	30.94	1.72	33.04	1.75	34.69	1.79
		20	26.45	1.61	28.09	1.66	29.73	1.73	30.92	1.75	33.02	1.78	34.66	1.81
		25	26.43	1.63	28.07	1.69	29.71	1.75	30.90	1.77	32.99	1.80	34.63	1.84
		30	26.41	1.65	28.05	1.71	29.69	1.77	30.87	1.79	32.97	1.83	34.61	1.87
		35	26.39	1.67	28.03	1.74	29.66	1.80	30.85	1.82	32.94	1.85	34.58	1.89
		40	26.37	1.70	28.00	1.76	29.64	1.82	30.82	1.84	32.92	1.88	34.55	1.92
		45	26.35	1.72	27.98	1.78	29.62	1.85	30.80	1.87	32.89	1.90	34.53	1.94
		50	26.33	1.74	27.96	1.81	29.60	1.87	30.78	1.89	32.87	1.93	34.50	1.97
		55	26.31	1.77	27.94	1.83	29.57	1.90	30.75	1.92	32.84	1.95	34.48	1.99
		60	26.29	1.79	27.92	1.85	29.55	1.92	30.73	1.94	32.82	1.98	34.45	2.02
		65	26.27	1.81	27.90	1.88	29.53	1.95	30.71	1.97	32.79	2.00	34.42	2.04
		70	26.25	1.83	27.88	1.90	29.51	1.97	30.68	1.99	32.77	2.03	34.40	2.07
		75	25.61	1.93	27.24	2.00	28.87	2.08	30.04	2.10	32.12	2.14	33.74	2.18
		80	24.98	2.03	26.60	2.11	28.23	2.18	29.40	2.21	31.47	2.25	33.09	2.29
		85	24.36	2.13	25.97	2.21	27.59	2.29	28.76	2.32	30.83	2.36	32.45	2.41
		90	23.73	2.23	25.34	2.31	26.96	2.39	28.12	2.42	30.19	2.47	31.80	2.52
		95	23.05	2.33	24.66	2.41	26.26	2.50	**27.00**	**2.53**	29.48	2.58	31.08	2.63
		100	22.49	2.43	24.10	2.52	25.70	2.61	26.65	2.64	28.91	2.69	30.52	2.74
		105	21.93	2.53	23.53	2.62	25.14	2.71	26.30	2.74	28.35	2.80	29.96	2.85
		110	21.37	2.62	22.97	2.72	24.58	2.82	25.74	2.85	27.79	2.91	29.40	2.96
		115	20.81	2.72	22.41	2.82	24.02	2.93	25.18	2.96	27.23	3.02	28.84	3.08
		118	20.47	2.78	22.08	2.88	23.68	2.99	24.84	3.02	26.89	3.08	28.50	3.14
		122	20.36	2.86	21.96	2.97	23.57	3.08	24.73	3.11	26.78	3.17	28.39	3.23
	9 + 9 + 12	14	29.41	1.70	31.24	1.76	33.06	1.82	34.38	1.84	36.71	1.88	38.54	1.92
		20	29.39	1.72	31.21	1.78	33.04	1.85	34.35	1.87	36.69	1.90	38.51	1.94
		25	29.36	1.74	31.19	1.81	33.01	1.87	34.33	1.90	36.66	1.93	38.48	1.97
		30	29.34	1.77	31.16	1.83	32.99	1.90	34.30	1.92	36.63	1.96	38.45	2.00
		35	29.32	1.79	31.14	1.86	32.96	1.93	34.28	1.95	36.60	1.99	38.42	2.03
		40	29.30	1.82	31.12	1.88	32.94	1.95	34.25	1.98	36.57	2.01	38.39	2.05
		45	29.27	1.84	31.09	1.91	32.91	1.98	34.22	2.00	36.55	2.04	38.36	2.08
		50	29.25	1.87	31.07	1.93	32.89	2.01	34.20	2.03	36.52	2.07	38.34	2.11
		55	29.23	1.89	31.04	1.96	32.86	2.03	34.17	2.05	36.49	2.09	38.31	2.14
		60	29.21	1.92	31.02	1.99	32.83	2.06	34.14	2.08	36.46	2.12	38.28	2.16
		65	29.18	1.94	31.00	2.01	32.81	2.08	34.12	2.11	36.43	2.15	38.25	2.19
		70	29.16	1.96	30.97	2.04	32.78	2.11	34.09	2.13	36.41	2.17	38.22	2.22
		75	28.46	2.07	30.27	2.15	32.07	2.22	33.38	2.25	35.69	2.29	37.49	2.34
		80	27.76	2.18	29.56	2.26	31.36	2.34	32.66	2.36	34.97	2.41	36.77	2.46
		85	27.06	2.28	28.86	2.37	30.66	2.45	31.96	2.48	34.25	2.53	36.05	2.58
		90	26.37	2.39	28.16	2.47	29.95	2.57	31.25	2.59	33.54	2.64	35.33	2.70
		95	25.61	2.49	27.40	2.58	29.18	2.68	**30.00**	**2.71**	32.75	2.76	34.53	2.82
		100	24.99	2.60	26.77	2.69	28.56	2.79	29.61	2.83	32.13	2.88	33.91	2.94
		105	24.37	2.71	26.15	2.80	27.93	2.91	29.22	2.94	31.50	3.00	33.29	3.06
		110	23.74	2.81	25.53	2.91	27.31	3.02	28.60	3.06	30.88	3.11	32.66	3.18
		115	23.12	2.92	24.90	3.02	26.69	3.13	27.98	3.17	30.26	3.23	32.04	3.29
		118	22.74	2.98	24.53	3.09	26.31	3.20	27.60	3.24	29.88	3.30	31.67	3.37
		122	22.62	3.07	24.40	3.18	26.19	3.29	27.48	3.33	29.76	3.39	31.54	3.46

TC = Total Capacity (kBtu/h).

PI = Power Input (kW).

Nominal capacity as rated: 0 ft. above sea level with 25 ft. of refrigerant piping.
0 ft. level difference between outdoor and indoor units.

Nominal cooling capacity rating obtained with air entering the indoor unit at 80°F dry bulb (DB) and 67°F wet bulb (WB), and outdoor ambient conditions of 95°F dry bulb (DB) and 75°F wet bulb (WB).

The shaded table rows indicate reference data. When operating at this temperature, these values can be different if the system is not running consistently.

Due to our policy of continuous product innovation, some specifications may change without notification.
©LG Electronics U.S.A., Inc., Englewood Cliffs, NJ. All rights reserved. "LG" is a registered trademark of LG Corp.

Table 56: LMU369HV Cooling Capacity Table — Ducted Indoor Units (continued).

Connected Indoor Units	Combination Capacity Index	Outdoor Air Temp. (°F DB)	Indoor Air Temp. °F DB / °F WB											
			68 / 57		73 / 61		77 / 64		80 / 67		86 / 72		90 / 75	
			TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
Three (3) Ducted Indoor Units	9 + 12 + 12	14	32.35	1.79	34.36	1.86	36.37	1.92	37.82	1.95	40.39	1.98	42.40	2.02
		20	32.33	1.82	34.33	1.88	36.34	1.95	37.79	1.97	40.36	2.01	42.36	2.05
		25	32.30	1.84	34.31	1.91	36.31	1.98	37.76	2.00	40.32	2.04	42.33	2.08
		30	32.28	1.87	34.28	1.94	36.28	2.01	37.73	2.03	40.29	2.07	42.30	2.11
		35	32.25	1.89	34.25	1.96	36.26	2.03	37.70	2.06	40.26	2.10	42.27	2.14
		40	32.23	1.92	34.23	1.99	36.23	2.06	37.67	2.08	40.23	2.12	42.23	2.17
		45	32.20	1.94	34.20	2.02	36.20	2.09	37.65	2.11	40.20	2.15	42.20	2.20
		50	32.18	1.97	34.18	2.04	36.17	2.12	37.62	2.14	40.17	2.18	42.17	2.22
		55	32.15	2.00	34.15	2.07	36.15	2.14	37.59	2.17	40.14	2.21	42.14	2.25
		60	32.13	2.02	34.12	2.10	36.12	2.17	37.56	2.20	40.11	2.24	42.10	2.28
		65	32.10	2.05	34.10	2.12	36.09	2.20	37.53	2.22	40.08	2.27	42.07	2.31
		70	32.08	2.07	34.07	2.15	36.06	2.23	37.50	2.25	40.05	2.29	42.04	2.34
		75	31.31	2.18	33.29	2.26	35.28	2.35	36.72	2.37	39.26	2.42	41.24	2.47
		80	30.53	2.30	32.52	2.38	34.50	2.47	35.93	2.50	38.46	2.54	40.45	2.59
		85	29.77	2.41	31.75	2.50	33.72	2.59	35.15	2.62	37.68	2.67	39.66	2.72
		90	29.00	2.52	30.98	2.61	32.95	2.71	34.37	2.74	36.89	2.79	38.87	2.85
		95	28.17	2.63	30.14	2.73	32.10	2.83	**33.00**	**2.86**	36.03	2.91	37.99	2.97
		100	27.49	2.74	29.45	2.84	31.41	2.95	32.57	2.98	35.34	3.04	37.30	3.10
		105	26.80	2.86	28.76	2.96	30.73	3.07	32.14	3.10	34.65	3.16	36.62	3.22
		110	26.12	2.97	28.08	3.08	30.04	3.19	31.46	3.22	33.97	3.28	35.93	3.35
		115	25.43	3.08	27.39	3.19	29.36	3.31	30.77	3.35	33.28	3.41	35.24	3.48
		118	25.02	3.15	26.98	3.26	28.94	3.38	30.36	3.42	32.87	3.48	34.83	3.55
		122	24.88	3.24	26.84	3.35	28.81	3.48	30.22	3.52	32.73	3.58	34.69	3.65
	12 + 12 + 12	14	33.33	1.78	35.40	1.84	37.47	1.91	38.96	1.93	41.61	1.97	43.68	2.01
		20	33.30	1.80	35.37	1.87	37.44	1.94	38.94	1.96	41.58	2.00	43.65	2.04
		25	33.28	1.83	35.35	1.90	37.41	1.96	38.91	1.99	41.55	2.02	43.61	2.06
		30	33.25	1.85	35.32	1.92	37.38	1.99	38.88	2.01	41.51	2.05	43.58	2.09
		35	33.23	1.88	35.29	1.95	37.36	2.02	38.85	2.04	41.48	2.08	43.55	2.12
		40	33.20	1.90	35.27	1.97	37.33	2.05	38.82	2.07	41.45	2.11	43.51	2.15
		45	33.18	1.93	35.24	2.00	37.30	2.07	38.79	2.10	41.42	2.14	43.48	2.18
		50	33.15	1.96	35.21	2.03	37.27	2.10	38.76	2.13	41.39	2.17	43.45	2.21
		55	33.13	1.98	35.18	2.05	37.24	2.13	38.73	2.15	41.36	2.19	43.41	2.24
		60	33.10	2.01	35.16	2.08	37.21	2.16	38.70	2.18	41.32	2.22	43.38	2.27
		65	33.08	2.03	35.13	2.11	37.18	2.18	38.67	2.21	41.29	2.25	43.35	2.30
		70	33.05	2.06	35.10	2.13	37.16	2.21	38.64	2.24	41.26	2.28	43.31	2.32
		75	32.26	2.17	34.30	2.25	36.35	2.33	37.83	2.36	40.45	2.40	42.49	2.45
		80	31.46	2.28	33.50	2.36	35.54	2.45	37.02	2.48	39.63	2.52	41.67	2.58
		85	30.67	2.39	32.71	2.48	34.75	2.57	36.22	2.60	38.82	2.65	40.86	2.70
		90	29.88	2.50	31.92	2.59	33.95	2.69	35.42	2.72	38.01	2.77	40.05	2.83
		95	29.03	2.61	31.05	2.71	33.07	2.81	**34.00**	**2.84**	37.12	2.89	39.14	2.95
		100	28.32	2.72	30.34	2.82	32.37	2.93	33.56	2.96	36.41	3.02	38.43	3.08
		105	27.61	2.84	29.64	2.94	31.66	3.05	33.12	3.08	35.70	3.14	37.73	3.20
		110	26.91	2.95	28.93	3.05	30.95	3.17	32.41	3.20	35.00	3.26	37.02	3.33
		115	26.20	3.06	28.22	3.17	30.24	3.28	31.71	3.32	34.29	3.38	36.31	3.45
		118	25.78	3.12	27.80	3.24	29.82	3.36	31.28	3.40	33.87	3.46	35.89	3.53
		122	25.63	3.21	27.66	3.33	29.68	3.45	31.14	3.49	33.72	3.56	35.75	3.63

TC = Total Capacity (kBtu/h).

PI = Power Input (kW).

Nominal capacity as rated: 0 ft. above sea level with 25 ft. of refrigerant piping.
0 ft. level difference between outdoor and indoor units.

Nominal cooling capacity rating obtained with air entering the indoor unit at 80ºF dry bulb (DB) and 67ºF wet bulb (WB), and outdoor ambient conditions of 95ºF dry bulb (DB) and 75ºF wet bulb (WB).

The shaded table rows indicate reference data. When operating at this temperature, these values can be different if the system is not running consistently.

Due to our policy of continuous product innovation, some specifications may change without notification.
©LG Electronics U.S.A., Inc., Englewood Cliffs, NJ. All rights reserved. "LG" is a registered trademark of LG Corp.

PERFORMANCE DATA

Cooling Capacity Tables

Table 57: LMU369HV Cooling Capacity Table — Ducted Indoor Units (continued).

Connected Indoor Units	Combination Capacity Index	Outdoor Air Temp. (°F DB)	Indoor Air Temp. °F DB / °F WB											
			68 / 57		73 / 61		77 / 64		80 / 67		86 / 72		90 / 75	
			TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
Three (3) Ducted Indoor Units	9 + 9 + 18	14	33.33	1.78	35.40	1.84	37.47	1.91	38.96	1.93	41.61	1.97	43.68	2.01
		20	33.30	1.80	35.37	1.87	37.44	1.94	38.94	1.96	41.58	2.00	43.65	2.04
		25	33.28	1.83	35.35	1.90	37.41	1.96	38.91	1.99	41.55	2.02	43.61	2.06
		30	33.25	1.85	35.32	1.92	37.38	1.99	38.88	2.01	41.51	2.05	43.58	2.09
		35	33.23	1.88	35.29	1.95	37.36	2.02	38.85	2.04	41.48	2.08	43.55	2.12
		40	33.20	1.90	35.27	1.97	37.33	2.05	38.82	2.07	41.45	2.11	43.51	2.15
		45	33.18	1.93	35.24	2.00	37.30	2.07	38.79	2.10	41.42	2.14	43.48	2.18
		50	33.15	1.96	35.21	2.03	37.27	2.10	38.76	2.13	41.39	2.17	43.45	2.21
		55	33.13	1.98	35.18	2.05	37.24	2.13	38.73	2.15	41.36	2.19	43.41	2.24
		60	33.10	2.01	35.16	2.08	37.21	2.16	38.70	2.18	41.32	2.22	43.38	2.27
		65	33.08	2.03	35.13	2.11	37.18	2.18	38.67	2.21	41.29	2.25	43.35	2.30
		70	33.05	2.06	35.10	2.13	37.16	2.21	38.64	2.24	41.26	2.28	43.31	2.32
		75	32.26	2.17	34.30	2.25	36.35	2.33	37.83	2.36	40.45	2.40	42.49	2.45
		80	31.46	2.28	33.50	2.36	35.54	2.45	37.02	2.48	39.63	2.52	41.67	2.58
		85	30.67	2.39	32.71	2.48	34.75	2.57	36.22	2.60	38.82	2.65	40.86	2.70
		90	29.88	2.50	31.92	2.59	33.95	2.69	35.42	2.72	38.01	2.77	40.05	2.83
		95	29.03	2.61	31.05	2.71	33.07	2.81	**34.00**	**2.84**	37.12	2.89	39.14	2.95
		100	28.32	2.72	30.34	2.82	32.37	2.93	33.56	2.96	36.41	3.02	38.43	3.08
		105	27.61	2.84	29.64	2.94	31.66	3.05	33.12	3.08	35.70	3.14	37.73	3.20
		110	26.91	2.95	28.93	3.05	30.95	3.17	32.41	3.20	35.00	3.26	37.02	3.33
		115	26.20	3.06	28.22	3.17	30.24	3.28	31.71	3.32	34.29	3.38	36.31	3.45
		118	25.78	3.12	27.80	3.24	29.82	3.36	31.28	3.40	33.87	3.46	35.89	3.53
		122	25.63	3.21	27.66	3.33	29.68	3.45	31.14	3.49	33.72	3.56	35.75	3.63
	9 + 12 + 18	14	33.33	1.78	35.40	1.84	37.47	1.91	38.96	1.93	41.61	1.97	43.68	2.01
		20	33.30	1.80	35.37	1.87	37.44	1.94	38.94	1.96	41.58	2.00	43.65	2.04
		25	33.28	1.83	35.35	1.90	37.41	1.96	38.91	1.99	41.55	2.02	43.61	2.06
		30	33.25	1.85	35.32	1.92	37.38	1.99	38.88	2.01	41.51	2.05	43.58	2.09
		35	33.23	1.88	35.29	1.95	37.36	2.02	38.85	2.04	41.48	2.08	43.55	2.12
		40	33.20	1.90	35.27	1.97	37.33	2.05	38.82	2.07	41.45	2.11	43.51	2.15
		45	33.18	1.93	35.24	2.00	37.30	2.07	38.79	2.10	41.42	2.14	43.48	2.18
		50	33.15	1.96	35.21	2.03	37.27	2.10	38.76	2.13	41.39	2.17	43.45	2.21
		55	33.13	1.98	35.18	2.05	37.24	2.13	38.73	2.15	41.36	2.19	43.41	2.24
		60	33.10	2.01	35.16	2.08	37.21	2.16	38.70	2.18	41.32	2.22	43.38	2.27
		65	33.08	2.03	35.13	2.11	37.18	2.18	38.67	2.21	41.29	2.25	43.35	2.30
		70	33.05	2.06	35.10	2.13	37.16	2.21	38.64	2.24	41.26	2.28	43.31	2.32
		75	32.26	2.17	34.30	2.25	36.35	2.33	37.83	2.36	40.45	2.40	42.49	2.45
		80	31.46	2.28	33.50	2.36	35.54	2.45	37.02	2.48	39.63	2.52	41.67	2.58
		85	30.67	2.39	32.71	2.48	34.75	2.57	36.22	2.60	38.82	2.65	40.86	2.70
		90	29.88	2.50	31.92	2.59	33.95	2.69	35.42	2.72	38.01	2.77	40.05	2.83
		95	29.03	2.61	31.05	2.71	33.07	2.81	**34.00**	**2.84**	37.12	2.89	39.14	2.95
		100	28.32	2.72	30.34	2.82	32.37	2.93	33.56	2.96	36.41	3.02	38.43	3.08
		105	27.61	2.84	29.64	2.94	31.66	3.05	33.12	3.08	35.70	3.14	37.73	3.20
		110	26.91	2.95	28.93	3.05	30.95	3.17	32.41	3.20	35.00	3.26	37.02	3.33
		115	26.20	3.06	28.22	3.17	30.24	3.28	31.71	3.32	34.29	3.38	36.31	3.45
		118	25.78	3.12	27.80	3.24	29.82	3.36	31.28	3.40	33.87	3.46	35.89	3.53
		122	25.63	3.21	27.66	3.33	29.68	3.45	31.14	3.49	33.72	3.56	35.75	3.63

TC = Total Capacity (kBtu/h).

PI = Power Input (kW).

Nominal capacity as rated: 0 ft. above sea level with 25 ft. of refrigerant piping.
0 ft. level difference between outdoor and indoor units.

Nominal cooling capacity rating obtained with air entering the indoor unit at 80°F dry bulb (DB) and 67°F wet bulb (WB), and outdoor ambient conditions of 95°F dry bulb (DB) and 75°F wet bulb (WB).

The shaded table rows indicate reference data. When operating at this temperature, these values can be different if the system is not running consistently.

Due to our policy of continuous product innovation, some specifications may change without notification.
©LG Electronics U.S.A., Inc., Englewood Cliffs, NJ. All rights reserved. "LG" is a registered trademark of LG Corp.

Table 58: LMU369HV Cooling Capacity Table — Ducted Indoor Units (continued).

Connected Indoor Units	Combination Capacity Index	Outdoor Air Temp. (°F DB)	Indoor Air Temp. °F DB / °F WB											
			68 / 57		73 / 61		77 / 64		80 / 67		86 / 72		90 / 75	
			TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
Three (3) Ducted Indoor Units	12 + 12 + 18	14	33.33	1.78	35.40	1.84	37.47	1.91	38.96	1.93	41.61	1.97	43.68	2.01
		20	33.30	1.80	35.37	1.87	37.44	1.94	38.94	1.96	41.58	2.00	43.65	2.04
		25	33.28	1.83	35.35	1.90	37.41	1.96	38.91	1.99	41.55	2.02	43.61	2.06
		30	33.25	1.85	35.32	1.92	37.38	1.99	38.88	2.01	41.51	2.05	43.58	2.09
		35	33.23	1.88	35.29	1.95	37.36	2.02	38.85	2.04	41.48	2.08	43.55	2.12
		40	33.20	1.90	35.27	1.97	37.33	2.05	38.82	2.07	41.45	2.11	43.51	2.15
		45	33.18	1.93	35.24	2.00	37.30	2.07	38.79	2.10	41.42	2.14	43.48	2.18
		50	33.15	1.96	35.21	2.03	37.27	2.10	38.76	2.13	41.39	2.17	43.45	2.21
		55	33.13	1.98	35.18	2.05	37.24	2.13	38.73	2.15	41.36	2.19	43.41	2.24
		60	33.10	2.01	35.16	2.08	37.21	2.16	38.70	2.18	41.32	2.22	43.38	2.27
		65	33.08	2.03	35.13	2.11	37.18	2.18	38.67	2.21	41.29	2.25	43.35	2.30
		70	33.05	2.06	35.10	2.13	37.16	2.21	38.64	2.24	41.26	2.28	43.31	2.32
		75	32.26	2.17	34.30	2.25	36.35	2.33	37.83	2.36	40.45	2.40	42.49	2.45
		80	31.46	2.28	33.50	2.36	35.54	2.45	37.02	2.48	39.63	2.52	41.67	2.58
		85	30.67	2.39	32.71	2.48	34.75	2.57	36.22	2.60	38.82	2.65	40.86	2.70
		90	29.88	2.50	31.92	2.59	33.95	2.69	35.42	2.72	38.01	2.77	40.05	2.83
		95	29.03	2.61	31.05	2.71	33.07	2.81	**34.00**	**2.84**	37.12	2.89	39.14	2.95
		100	28.32	2.72	30.34	2.82	32.37	2.93	33.56	2.96	36.41	3.02	38.43	3.08
		105	27.61	2.84	29.64	2.94	31.66	3.05	33.12	3.08	35.70	3.14	37.73	3.20
		110	26.91	2.95	28.93	3.05	30.95	3.17	32.41	3.20	35.00	3.26	37.02	3.33
		115	26.20	3.06	28.22	3.17	30.24	3.28	31.71	3.32	34.29	3.38	36.31	3.45
		118	25.78	3.12	27.80	3.24	29.82	3.36	31.28	3.40	33.87	3.46	35.89	3.53
		122	25.63	3.21	27.66	3.33	29.68	3.45	31.14	3.49	33.72	3.56	35.75	3.63
	9 + 18 + 18	14	33.33	1.78	35.40	1.84	37.47	1.91	38.96	1.93	41.61	1.97	43.68	2.01
		20	33.30	1.80	35.37	1.87	37.44	1.94	38.94	1.96	41.58	2.00	43.65	2.04
		25	33.28	1.83	35.35	1.90	37.41	1.96	38.91	1.99	41.55	2.02	43.61	2.06
		30	33.25	1.85	35.32	1.92	37.38	1.99	38.88	2.01	41.51	2.05	43.58	2.09
		35	33.23	1.88	35.29	1.95	37.36	2.02	38.85	2.04	41.48	2.08	43.55	2.12
		40	33.20	1.90	35.27	1.97	37.33	2.05	38.82	2.07	41.45	2.11	43.51	2.15
		45	33.18	1.93	35.24	2.00	37.30	2.07	38.79	2.10	41.42	2.14	43.48	2.18
		50	33.15	1.96	35.21	2.03	37.27	2.10	38.76	2.13	41.39	2.17	43.45	2.21
		55	33.13	1.98	35.18	2.05	37.24	2.13	38.73	2.15	41.36	2.19	43.41	2.24
		60	33.10	2.01	35.16	2.08	37.21	2.16	38.70	2.18	41.32	2.22	43.38	2.27
		65	33.08	2.03	35.13	2.11	37.18	2.18	38.67	2.21	41.29	2.25	43.35	2.30
		70	33.05	2.06	35.10	2.13	37.16	2.21	38.64	2.24	41.26	2.28	43.31	2.32
		75	32.26	2.17	34.30	2.25	36.35	2.33	37.83	2.36	40.45	2.40	42.49	2.45
		80	31.46	2.28	33.50	2.36	35.54	2.45	37.02	2.48	39.63	2.52	41.67	2.58
		85	30.67	2.39	32.71	2.48	34.75	2.57	36.22	2.60	38.82	2.65	40.86	2.70
		90	29.88	2.50	31.92	2.59	33.95	2.69	35.42	2.72	38.01	2.77	40.05	2.83
		95	29.03	2.61	31.05	2.71	33.07	2.81	**34.00**	**2.84**	37.12	2.89	39.14	2.95
		100	28.32	2.72	30.34	2.82	32.37	2.93	33.56	2.96	36.41	3.02	38.43	3.08
		105	27.61	2.84	29.64	2.94	31.66	3.05	33.12	3.08	35.70	3.14	37.73	3.20
		110	26.91	2.95	28.93	3.05	30.95	3.17	32.41	3.20	35.00	3.26	37.02	3.33
		115	26.20	3.06	28.22	3.17	30.24	3.28	31.71	3.32	34.29	3.38	36.31	3.45
		118	25.78	3.12	27.80	3.24	29.82	3.36	31.28	3.40	33.87	3.46	35.89	3.53
		122	25.63	3.21	27.66	3.33	29.68	3.45	31.14	3.49	33.72	3.56	35.75	3.63

TC = Total Capacity (kBtu/h).

PI = Power Input (kW).

Nominal capacity as rated: 0 ft. above sea level with 25 ft. of refrigerant piping.
0 ft. level difference between outdoor and indoor units.

Nominal cooling capacity rating obtained with air entering the indoor unit at 80ºF dry bulb (DB) and 67ºF wet bulb (WB), and outdoor ambient conditions of 95ºF dry bulb (DB) and 75ºF wet bulb (WB).

The shaded table rows indicate reference data. When operating at this temperature, these values can be different if the system is not running consistently.

Due to our policy of continuous product innovation, some specifications may change without notification.
©LG Electronics U.S.A., Inc., Englewood Cliffs, NJ. All rights reserved. "LG" is a registered trademark of LG Corp.

PERFORMANCE DATA

Cooling Capacity Tables

Table 59: LMU369HV Cooling Capacity Table — Ducted Indoor Units (continued).

Connected Indoor Units	Combination Capacity Index	Outdoor Air Temp. (°F DB)	Indoor Air Temp. °F DB / °F WB											
			68 / 57		73 / 61		77 / 64		80 / 67		86 / 72		90 / 75	
			TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
Three (3) Ducted Indoor Units	12 + 18 + 18	14	33.33	1.78	35.40	1.84	37.47	1.91	38.96	1.93	41.61	1.97	43.68	2.01
		20	33.30	1.80	35.37	1.87	37.44	1.94	38.94	1.96	41.58	2.00	43.65	2.04
		25	33.28	1.83	35.35	1.90	37.41	1.96	38.91	1.99	41.55	2.02	43.61	2.06
		30	33.25	1.85	35.32	1.92	37.38	1.99	38.88	2.01	41.51	2.05	43.58	2.09
		35	33.23	1.88	35.29	1.95	37.36	2.02	38.85	2.04	41.48	2.08	43.55	2.12
		40	33.20	1.90	35.27	1.97	37.33	2.05	38.82	2.07	41.45	2.11	43.51	2.15
		45	33.18	1.93	35.24	2.00	37.30	2.07	38.79	2.10	41.42	2.14	43.48	2.18
		50	33.15	1.96	35.21	2.03	37.27	2.10	38.76	2.13	41.39	2.17	43.45	2.21
		55	33.13	1.98	35.18	2.05	37.24	2.13	38.73	2.15	41.36	2.19	43.41	2.24
		60	33.10	2.01	35.16	2.08	37.21	2.16	38.70	2.18	41.32	2.22	43.38	2.27
		65	33.08	2.03	35.13	2.11	37.18	2.18	38.67	2.21	41.29	2.25	43.35	2.30
		70	33.05	2.06	35.10	2.13	37.16	2.21	38.64	2.24	41.26	2.28	43.31	2.32
		75	32.26	2.17	34.30	2.25	36.35	2.33	37.83	2.36	40.45	2.40	42.49	2.45
		80	31.46	2.28	33.50	2.36	35.54	2.45	37.02	2.48	39.63	2.52	41.67	2.58
		85	30.67	2.39	32.71	2.48	34.75	2.57	36.22	2.60	38.82	2.65	40.86	2.70
		90	29.88	2.50	31.92	2.59	33.95	2.69	35.42	2.72	38.01	2.77	40.05	2.83
		95	29.03	2.61	31.05	2.71	33.07	2.81	**34.00**	**2.84**	37.12	2.89	39.14	2.95
		100	28.32	2.72	30.34	2.82	32.37	2.93	33.56	2.96	36.41	3.02	38.43	3.08
		105	27.61	2.84	29.64	2.94	31.66	3.05	33.12	3.08	35.70	3.14	37.73	3.20
		110	26.91	2.95	28.93	3.05	30.95	3.17	32.41	3.20	35.00	3.26	37.02	3.33
		115	26.20	3.06	28.22	3.17	30.24	3.28	31.71	3.32	34.29	3.38	36.31	3.45
		118	25.78	3.12	27.80	3.24	29.82	3.36	31.28	3.40	33.87	3.46	35.89	3.53
		122	25.63	3.21	27.66	3.33	29.68	3.45	31.14	3.49	33.72	3.56	35.75	3.63
Four (4) Ducted Indoor Units	9 + 9 + 9 + 9	14	33.33	1.78	35.40	1.84	37.47	1.91	38.96	1.93	41.61	1.97	43.68	2.01
		20	33.30	1.80	35.37	1.87	37.44	1.94	38.94	1.96	41.58	2.00	43.65	2.04
		25	33.28	1.83	35.35	1.90	37.41	1.96	38.91	1.99	41.55	2.02	43.61	2.06
		30	33.25	1.85	35.32	1.92	37.38	1.99	38.88	2.01	41.51	2.05	43.58	2.09
		35	33.23	1.88	35.29	1.95	37.36	2.02	38.85	2.04	41.48	2.08	43.55	2.12
		40	33.20	1.90	35.27	1.97	37.33	2.05	38.82	2.07	41.45	2.11	43.51	2.15
		45	33.18	1.93	35.24	2.00	37.30	2.07	38.79	2.10	41.42	2.14	43.48	2.18
		50	33.15	1.96	35.21	2.03	37.27	2.10	38.76	2.13	41.39	2.17	43.45	2.21
		55	33.13	1.98	35.18	2.05	37.24	2.13	38.73	2.15	41.36	2.19	43.41	2.24
		60	33.10	2.01	35.16	2.08	37.21	2.16	38.70	2.18	41.32	2.22	43.38	2.27
		65	33.08	2.03	35.13	2.11	37.18	2.18	38.67	2.21	41.29	2.25	43.35	2.30
		70	33.05	2.06	35.10	2.13	37.16	2.21	38.64	2.24	41.26	2.28	43.31	2.32
		75	32.26	2.17	34.30	2.25	36.35	2.33	37.83	2.36	40.45	2.40	42.49	2.45
		80	31.46	2.28	33.50	2.36	35.54	2.45	37.02	2.48	39.63	2.52	41.67	2.58
		85	30.67	2.39	32.71	2.48	34.75	2.57	36.22	2.60	38.82	2.65	40.86	2.70
		90	29.88	2.50	31.92	2.59	33.95	2.69	35.42	2.72	38.01	2.77	40.05	2.83
		95	29.03	2.61	31.05	2.71	33.07	2.81	**34.00**	**2.84**	37.12	2.89	39.14	2.95
		100	28.32	2.72	30.34	2.82	32.37	2.93	33.56	2.96	36.41	3.02	38.43	3.08
		105	27.61	2.84	29.64	2.94	31.66	3.05	33.12	3.08	35.70	3.14	37.73	3.20
		110	26.91	2.95	28.93	3.05	30.95	3.17	32.41	3.20	35.00	3.26	37.02	3.33
		115	26.20	3.06	28.22	3.17	30.24	3.28	31.71	3.32	34.29	3.38	36.31	3.45
		118	25.78	3.12	27.80	3.24	29.82	3.36	31.28	3.40	33.87	3.46	35.89	3.53
		122	25.63	3.21	27.66	3.33	29.68	3.45	31.14	3.49	33.72	3.56	35.75	3.63

TC = Total Capacity (kBtu/h).

PI = Power Input (kW).

Nominal capacity as rated: 0 ft. above sea level with 25 ft. of refrigerant piping.
0 ft. level difference between outdoor and indoor units.

Nominal cooling capacity rating obtained with air entering the indoor unit at 80°F dry bulb (DB) and 67°F wet bulb (WB), and outdoor ambient conditions of 95°F dry bulb (DB) and 75°F wet bulb (WB).

The shaded table rows indicate reference data. When operating at this temperature, these values can be different if the system is not running consistently.

Due to our policy of continuous product innovation, some specifications may change without notification.
©LG Electronics U.S.A., Inc., Englewood Cliffs, NJ. All rights reserved. "LG" is a registered trademark of LG Corp.

Table 60: LMU369HV Cooling Capacity Table — Ducted Indoor Units (continued).

Connected Indoor Units	Combination Capacity Index	Outdoor Air Temp. (°F DB)	Indoor Air Temp. °F DB / °F WB											
			68 / 57		73 / 61		77 / 64		80 / 67		86 / 72		90 / 75	
			TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
Four (4) Ducted Indoor Units	9 + 9 + 9 + 12	14	33.33	1.78	35.40	1.84	37.47	1.91	38.96	1.93	41.61	1.97	43.68	2.01
		20	33.30	1.80	35.37	1.87	37.44	1.94	38.94	1.96	41.58	2.00	43.65	2.04
		25	33.28	1.83	35.35	1.90	37.41	1.96	38.91	1.99	41.55	2.02	43.61	2.06
		30	33.25	1.85	35.32	1.92	37.38	1.99	38.88	2.01	41.51	2.05	43.58	2.09
		35	33.23	1.88	35.29	1.95	37.36	2.02	38.85	2.04	41.48	2.08	43.55	2.12
		40	33.20	1.90	35.27	1.97	37.33	2.05	38.82	2.07	41.45	2.11	43.51	2.15
		45	33.18	1.93	35.24	2.00	37.30	2.07	38.79	2.10	41.42	2.14	43.48	2.18
		50	33.15	1.96	35.21	2.03	37.27	2.10	38.76	2.13	41.39	2.17	43.45	2.21
		55	33.13	1.98	35.18	2.05	37.24	2.13	38.73	2.15	41.36	2.19	43.41	2.24
		60	33.10	2.01	35.16	2.08	37.21	2.16	38.70	2.18	41.32	2.22	43.38	2.27
		65	33.08	2.03	35.13	2.11	37.18	2.18	38.67	2.21	41.29	2.25	43.35	2.30
		70	33.05	2.06	35.10	2.13	37.16	2.21	38.64	2.24	41.26	2.28	43.31	2.32
		75	32.26	2.17	34.30	2.25	36.35	2.33	37.83	2.36	40.45	2.40	42.49	2.45
		80	31.46	2.28	33.50	2.36	35.54	2.45	37.02	2.48	39.63	2.52	41.67	2.58
		85	30.67	2.39	32.71	2.48	34.75	2.57	36.22	2.60	38.82	2.65	40.86	2.70
		90	29.88	2.50	31.92	2.59	33.95	2.69	35.42	2.72	38.01	2.77	40.05	2.83
		95	29.03	2.61	31.05	2.71	33.07	2.81	**34.00**	**2.84**	37.12	2.89	39.14	2.95
		100	28.32	2.72	30.34	2.82	32.37	2.93	33.56	2.96	36.41	3.02	38.43	3.08
		105	27.61	2.84	29.64	2.94	31.66	3.05	33.12	3.08	35.70	3.14	37.73	3.20
		110	26.91	2.95	28.93	3.05	30.95	3.17	32.41	3.20	35.00	3.26	37.02	3.33
		115	26.20	3.06	28.22	3.17	30.24	3.28	31.71	3.32	34.29	3.38	36.31	3.45
		118	25.78	3.12	27.80	3.24	29.82	3.36	31.28	3.40	33.87	3.46	35.89	3.53
		122	25.63	3.21	27.66	3.33	29.68	3.45	31.14	3.49	33.72	3.56	35.75	3.63
	9 + 9 + 12 + 12	14	33.33	1.78	35.40	1.84	37.47	1.91	38.96	1.93	41.61	1.97	43.68	2.01
		20	33.30	1.80	35.37	1.87	37.44	1.94	38.94	1.96	41.58	2.00	43.65	2.04
		25	33.28	1.83	35.35	1.90	37.41	1.96	38.91	1.99	41.55	2.02	43.61	2.06
		30	33.25	1.85	35.32	1.92	37.38	1.99	38.88	2.01	41.51	2.05	43.58	2.09
		35	33.23	1.88	35.29	1.95	37.36	2.02	38.85	2.04	41.48	2.08	43.55	2.12
		40	33.20	1.90	35.27	1.97	37.33	2.05	38.82	2.07	41.45	2.11	43.51	2.15
		45	33.18	1.93	35.24	2.00	37.30	2.07	38.79	2.10	41.42	2.14	43.48	2.18
		50	33.15	1.96	35.21	2.03	37.27	2.10	38.76	2.13	41.39	2.17	43.45	2.21
		55	33.13	1.98	35.18	2.05	37.24	2.13	38.73	2.15	41.36	2.19	43.41	2.24
		60	33.10	2.01	35.16	2.08	37.21	2.16	38.70	2.18	41.32	2.22	43.38	2.27
		65	33.08	2.03	35.13	2.11	37.18	2.18	38.67	2.21	41.29	2.25	43.35	2.30
		70	33.05	2.06	35.10	2.13	37.16	2.21	38.64	2.24	41.26	2.28	43.31	2.32
		75	32.26	2.17	34.30	2.25	36.35	2.33	37.83	2.36	40.45	2.40	42.49	2.45
		80	31.46	2.28	33.50	2.36	35.54	2.45	37.02	2.48	39.63	2.52	41.67	2.58
		85	30.67	2.39	32.71	2.48	34.75	2.57	36.22	2.60	38.82	2.65	40.86	2.70
		90	29.88	2.50	31.92	2.59	33.95	2.69	35.42	2.72	38.01	2.77	40.05	2.83
		95	29.03	2.61	31.05	2.71	33.07	2.81	**34.00**	**2.84**	37.12	2.89	39.14	2.95
		100	28.32	2.72	30.34	2.82	32.37	2.93	33.56	2.96	36.41	3.02	38.43	3.08
		105	27.61	2.84	29.64	2.94	31.66	3.05	33.12	3.08	35.70	3.14	37.73	3.20
		110	26.91	2.95	28.93	3.05	30.95	3.17	32.41	3.20	35.00	3.26	37.02	3.33
		115	26.20	3.06	28.22	3.17	30.24	3.28	31.71	3.32	34.29	3.38	36.31	3.45
		118	25.78	3.12	27.80	3.24	29.82	3.36	31.28	3.40	33.87	3.46	35.89	3.53
		122	25.63	3.21	27.66	3.33	29.68	3.45	31.14	3.49	33.72	3.56	35.75	3.63

TC = Total Capacity (kBtu/h).

PI = Power Input (kW).

Nominal capacity as rated: 0 ft. above sea level with 25 ft. of refrigerant piping.
0 ft. level difference between outdoor and indoor units.

Nominal cooling capacity rating obtained with air entering the indoor unit at 80°F dry bulb (DB) and 67°F wet bulb (WB), and outdoor ambient conditions of 95°F dry bulb (DB) and 75°F wet bulb (WB).

The shaded table rows indicate reference data. When operating at this temperature, these values can be different if the system is not running consistently.

Due to our policy of continuous product innovation, some specifications may change without notification.
©LG Electronics U.S.A., Inc., Englewood Cliffs, NJ. All rights reserved. "LG" is a registered trademark of LG Corp.

PERFORMANCE DATA

Cooling Capacity Tables

Table 61: LMU369HV Cooling Capacity Table — Ducted Indoor Units (continued).

Connected Indoor Units	Combination Capacity Index	Outdoor Air Temp. (°F DB)	Indoor Air Temp. °F DB / °F WB											
			68 / 57		73 / 61		77 / 64		80 / 67		86 / 72		90 / 75	
			TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
Four (4) Ducted Indoor Units	9 + 12 + 12 + 12	14	33.33	1.78	35.40	1.84	37.47	1.91	38.96	1.93	41.61	1.97	43.68	2.01
		20	33.30	1.80	35.37	1.87	37.44	1.94	38.94	1.96	41.58	2.00	43.65	2.04
		25	33.28	1.83	35.35	1.90	37.41	1.96	38.91	1.99	41.55	2.02	43.61	2.06
		30	33.25	1.85	35.32	1.92	37.38	1.99	38.88	2.01	41.51	2.05	43.58	2.09
		35	33.23	1.88	35.29	1.95	37.36	2.02	38.85	2.04	41.48	2.08	43.55	2.12
		40	33.20	1.90	35.27	1.97	37.33	2.05	38.82	2.07	41.45	2.11	43.51	2.15
		45	33.18	1.93	35.24	2.00	37.30	2.07	38.79	2.10	41.42	2.14	43.48	2.18
		50	33.15	1.96	35.21	2.03	37.27	2.10	38.76	2.13	41.39	2.17	43.45	2.21
		55	33.13	1.98	35.18	2.05	37.24	2.13	38.73	2.15	41.36	2.19	43.41	2.24
		60	33.10	2.01	35.16	2.08	37.21	2.16	38.70	2.18	41.32	2.22	43.38	2.27
		65	33.08	2.03	35.13	2.11	37.18	2.18	38.67	2.21	41.29	2.25	43.35	2.30
		70	33.05	2.06	35.10	2.13	37.16	2.21	38.64	2.24	41.26	2.28	43.31	2.32
		75	32.26	2.17	34.30	2.25	36.35	2.33	37.83	2.36	40.45	2.40	42.49	2.45
		80	31.46	2.28	33.50	2.36	35.54	2.45	37.02	2.48	39.63	2.52	41.67	2.58
		85	30.67	2.39	32.71	2.48	34.75	2.57	36.22	2.60	38.82	2.65	40.86	2.70
		90	29.88	2.50	31.92	2.59	33.95	2.69	35.42	2.72	38.01	2.77	40.05	2.83
		95	29.03	2.61	31.05	2.71	33.07	2.81	**34.00**	**2.84**	37.12	2.89	39.14	2.95
		100	28.32	2.72	30.34	2.82	32.37	2.93	33.56	2.96	36.41	3.02	38.43	3.08
		105	27.61	2.84	29.64	2.94	31.66	3.05	33.12	3.08	35.70	3.14	37.73	3.20
		110	26.91	2.95	28.93	3.05	30.95	3.17	32.41	3.20	35.00	3.26	37.02	3.33
		115	26.20	3.06	28.22	3.17	30.24	3.28	31.71	3.32	34.29	3.38	36.31	3.45
		118	25.78	3.12	27.80	3.24	29.82	3.36	31.28	3.40	33.87	3.46	35.89	3.53
		122	25.63	3.21	27.66	3.33	29.68	3.45	31.14	3.49	33.72	3.56	35.75	3.63
	9 + 9 + 9 + 18	14	33.33	1.78	35.40	1.84	37.47	1.91	38.96	1.93	41.61	1.97	43.68	2.01
		20	33.30	1.80	35.37	1.87	37.44	1.94	38.94	1.96	41.58	2.00	43.65	2.04
		25	33.28	1.83	35.35	1.90	37.41	1.96	38.91	1.99	41.55	2.02	43.61	2.06
		30	33.25	1.85	35.32	1.92	37.38	1.99	38.88	2.01	41.51	2.05	43.58	2.09
		35	33.23	1.88	35.29	1.95	37.36	2.02	38.85	2.04	41.48	2.08	43.55	2.12
		40	33.20	1.90	35.27	1.97	37.33	2.05	38.82	2.07	41.45	2.11	43.51	2.15
		45	33.18	1.93	35.24	2.00	37.30	2.07	38.79	2.10	41.42	2.14	43.48	2.18
		50	33.15	1.96	35.21	2.03	37.27	2.10	38.76	2.13	41.39	2.17	43.45	2.21
		55	33.13	1.98	35.18	2.05	37.24	2.13	38.73	2.15	41.36	2.19	43.41	2.24
		60	33.10	2.01	35.16	2.08	37.21	2.16	38.70	2.18	41.32	2.22	43.38	2.27
		65	33.08	2.03	35.13	2.11	37.18	2.18	38.67	2.21	41.29	2.25	43.35	2.30
		70	33.05	2.06	35.10	2.13	37.16	2.21	38.64	2.24	41.26	2.28	43.31	2.32
		75	32.26	2.17	34.30	2.25	36.35	2.33	37.83	2.36	40.45	2.40	42.49	2.45
		80	31.46	2.28	33.50	2.36	35.54	2.45	37.02	2.48	39.63	2.52	41.67	2.58
		85	30.67	2.39	32.71	2.48	34.75	2.57	36.22	2.60	38.82	2.65	40.86	2.70
		90	29.88	2.50	31.92	2.59	33.95	2.69	35.42	2.72	38.01	2.77	40.05	2.83
		95	29.03	2.61	31.05	2.71	33.07	2.81	**34.00**	**2.84**	37.12	2.89	39.14	2.95
		100	28.32	2.72	30.34	2.82	32.37	2.93	33.56	2.96	36.41	3.02	38.43	3.08
		105	27.61	2.84	29.64	2.94	31.66	3.05	33.12	3.08	35.70	3.14	37.73	3.20
		110	26.91	2.95	28.93	3.05	30.95	3.17	32.41	3.20	35.00	3.26	37.02	3.33
		115	26.20	3.06	28.22	3.17	30.24	3.28	31.71	3.32	34.29	3.38	36.31	3.45
		118	25.78	3.12	27.80	3.24	29.82	3.36	31.28	3.40	33.87	3.46	35.89	3.53
		122	25.63	3.21	27.66	3.33	29.68	3.45	31.14	3.49	33.72	3.56	35.75	3.63

TC = Total Capacity (kBtu/h).

PI = Power Input (kW).

Nominal capacity as rated: 0 ft. above sea level with 25 ft. of refrigerant piping.
0 ft. level difference between outdoor and indoor units.

Nominal cooling capacity rating obtained with air entering the indoor unit at 80°F dry bulb (DB) and 67°F wet bulb (WB), and outdoor ambient conditions of 95°F dry bulb (DB) and 75°F wet bulb (WB).

The shaded table rows indicate reference data. When operating at this temperature, these values can be different if the system is not running consistently.

Due to our policy of continuous product innovation, some specifications may change without notification.
©LG Electronics U.S.A., Inc., Englewood Cliffs, NJ. All rights reserved. "LG" is a registered trademark of LG Corp.

Table 62: LMU369HV Cooling Capacity Table — Ducted Indoor Units (continued).

Connected Indoor Units	Combination Capacity Index	Outdoor Air Temp. (°F DB)	Indoor Air Temp. °F DB / °F WB											
			68 / 57		73 / 61		77 / 64		80 / 67		86 / 72		90 / 75	
			TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
Four (4) Ducted Indoor Units	9 + 9 + 12 + 18	14	33.33	1.78	35.40	1.84	37.47	1.91	38.96	1.93	41.61	1.97	43.68	2.01
		20	33.30	1.80	35.37	1.87	37.44	1.94	38.94	1.96	41.58	2.00	43.65	2.04
		25	33.28	1.83	35.35	1.90	37.41	1.96	38.91	1.99	41.55	2.02	43.61	2.06
		30	33.25	1.85	35.32	1.92	37.38	1.99	38.88	2.01	41.51	2.05	43.58	2.09
		35	33.23	1.88	35.29	1.95	37.36	2.02	38.85	2.04	41.48	2.08	43.55	2.12
		40	33.20	1.90	35.27	1.97	37.33	2.05	38.82	2.07	41.45	2.11	43.51	2.15
		45	33.18	1.93	35.24	2.00	37.30	2.07	38.79	2.10	41.42	2.14	43.48	2.18
		50	33.15	1.96	35.21	2.03	37.27	2.10	38.76	2.13	41.39	2.17	43.45	2.21
		55	33.13	1.98	35.18	2.05	37.24	2.13	38.73	2.15	41.36	2.19	43.41	2.24
		60	33.10	2.01	35.16	2.08	37.21	2.16	38.70	2.18	41.32	2.22	43.38	2.27
		65	33.08	2.03	35.13	2.11	37.18	2.18	38.67	2.21	41.29	2.25	43.35	2.30
		70	33.05	2.06	35.10	2.13	37.16	2.21	38.64	2.24	41.26	2.28	43.31	2.32
		75	32.26	2.17	34.30	2.25	36.35	2.33	37.83	2.36	40.45	2.40	42.49	2.45
		80	31.46	2.28	33.50	2.36	35.54	2.45	37.02	2.48	39.63	2.52	41.67	2.58
		85	30.67	2.39	32.71	2.48	34.75	2.57	36.22	2.60	38.82	2.65	40.86	2.70
		90	29.88	2.50	31.92	2.59	33.95	2.69	35.42	2.72	38.01	2.77	40.05	2.83
		95	29.03	2.61	31.05	2.71	33.07	2.81	**34.00**	**2.84**	37.12	2.89	39.14	2.95
		100	28.32	2.72	30.34	2.82	32.37	2.93	33.56	2.96	36.41	3.02	38.43	3.08
		105	27.61	2.84	29.64	2.94	31.66	3.05	33.12	3.08	35.70	3.14	37.73	3.20
		110	26.91	2.95	28.93	3.05	30.95	3.17	32.41	3.20	35.00	3.26	37.02	3.33
		115	26.20	3.06	28.22	3.17	30.24	3.28	31.71	3.32	34.29	3.38	36.31	3.45
		118	25.78	3.12	27.80	3.24	29.82	3.36	31.28	3.40	33.87	3.46	35.89	3.53
		122	25.63	3.21	27.66	3.33	29.68	3.45	31.14	3.49	33.72	3.56	35.75	3.63
	12 + 12 + 12 + 12	14	33.33	1.78	35.40	1.84	37.47	1.91	38.96	1.93	41.61	1.97	43.68	2.01
		20	33.30	1.80	35.37	1.87	37.44	1.94	38.94	1.96	41.58	2.00	43.65	2.04
		25	33.28	1.83	35.35	1.90	37.41	1.96	38.91	1.99	41.55	2.02	43.61	2.06
		30	33.25	1.85	35.32	1.92	37.38	1.99	38.88	2.01	41.51	2.05	43.58	2.09
		35	33.23	1.88	35.29	1.95	37.36	2.02	38.85	2.04	41.48	2.08	43.55	2.12
		40	33.20	1.90	35.27	1.97	37.33	2.05	38.82	2.07	41.45	2.11	43.51	2.15
		45	33.18	1.93	35.24	2.00	37.30	2.07	38.79	2.10	41.42	2.14	43.48	2.18
		50	33.15	1.96	35.21	2.03	37.27	2.10	38.76	2.13	41.39	2.17	43.45	2.21
		55	33.13	1.98	35.18	2.05	37.24	2.13	38.73	2.15	41.36	2.19	43.41	2.24
		60	33.10	2.01	35.16	2.08	37.21	2.16	38.70	2.18	41.32	2.22	43.38	2.27
		65	33.08	2.03	35.13	2.11	37.18	2.18	38.67	2.21	41.29	2.25	43.35	2.30
		70	33.05	2.06	35.10	2.13	37.16	2.21	38.64	2.24	41.26	2.28	43.31	2.32
		75	32.26	2.17	34.30	2.25	36.35	2.33	37.83	2.36	40.45	2.40	42.49	2.45
		80	31.46	2.28	33.50	2.36	35.54	2.45	37.02	2.48	39.63	2.52	41.67	2.58
		85	30.67	2.39	32.71	2.48	34.75	2.57	36.22	2.60	38.82	2.65	40.86	2.70
		90	29.88	2.50	31.92	2.59	33.95	2.69	35.42	2.72	38.01	2.77	40.05	2.83
		95	29.03	2.61	31.05	2.71	33.07	2.81	**34.00**	**2.84**	37.12	2.89	39.14	2.95
		100	28.32	2.72	30.34	2.82	32.37	2.93	33.56	2.96	36.41	3.02	38.43	3.08
		105	27.61	2.84	29.64	2.94	31.66	3.05	33.12	3.08	35.70	3.14	37.73	3.20
		110	26.91	2.95	28.93	3.05	30.95	3.17	32.41	3.20	35.00	3.26	37.02	3.33
		115	26.20	3.06	28.22	3.17	30.24	3.28	31.71	3.32	34.29	3.38	36.31	3.45
		118	25.78	3.12	27.80	3.24	29.82	3.36	31.28	3.40	33.87	3.46	35.89	3.53
		122	25.63	3.21	27.66	3.33	29.68	3.45	31.14	3.49	33.72	3.56	35.75	3.63

TC = Total Capacity (kBtu/h).

PI = Power Input (kW).

Nominal capacity as rated: 0 ft. above sea level with 25 ft. of refrigerant piping.
0 ft. level difference between outdoor and indoor units.

Nominal cooling capacity rating obtained with air entering the indoor unit at 80ºF dry bulb (DB) and 67ºF wet bulb (WB), and outdoor ambient conditions of 95ºF dry bulb (DB) and 75ºF wet bulb (WB).

The shaded table rows indicate reference data. When operating at this temperature, these values can be different if the system is not running consistently.

Due to our policy of continuous product innovation, some specifications may change without notification.
©LG Electronics U.S.A., Inc., Englewood Cliffs, NJ. All rights reserved. "LG" is a registered trademark of LG Corp.

PERFORMANCE DATA

Cooling Capacity Tables

Table 63: LMU369HV Cooling Capacity Table — Mixed Indoor Units

Connected Indoor Units	Combination Capacity Index	Outdoor Air Temp. (°F DB)	Indoor Air Temp. °F DB / °F WB											
			68 / 57		73 / 61		77 / 64		80 / 67		86 / 72		90 / 75	
			TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
Two (2) Mixed Indoor Units	9 + 9	14	17.65	1.21	18.74	1.26	19.84	1.30	20.63	1.32	22.03	1.34	23.12	1.37
		20	17.63	1.23	18.73	1.28	19.82	1.32	20.61	1.34	22.01	1.36	23.11	1.39
		25	17.62	1.25	18.71	1.29	19.81	1.34	20.60	1.36	22.00	1.38	23.09	1.41
		30	17.60	1.27	18.70	1.31	19.79	1.36	20.58	1.38	21.98	1.40	23.07	1.43
		35	17.59	1.28	18.68	1.33	19.78	1.38	20.57	1.40	21.96	1.42	23.05	1.45
		40	17.58	1.30	18.67	1.35	19.76	1.40	20.55	1.41	21.94	1.44	23.04	1.47
		45	17.56	1.32	18.66	1.37	19.75	1.42	20.53	1.43	21.93	1.46	23.02	1.49
		50	17.55	1.34	18.64	1.38	19.73	1.44	20.52	1.45	21.91	1.48	23.00	1.51
		55	17.54	1.35	18.63	1.40	19.72	1.45	20.50	1.47	21.89	1.50	22.98	1.53
		60	17.52	1.37	18.61	1.42	19.70	1.47	20.49	1.49	21.88	1.52	22.97	1.55
		65	17.51	1.39	18.60	1.44	19.69	1.49	20.47	1.51	21.86	1.54	22.95	1.57
		70	17.50	1.41	18.58	1.46	19.67	1.51	20.46	1.53	21.84	1.56	22.93	1.59
		75	17.08	1.48	18.16	1.54	19.24	1.59	20.03	1.61	21.41	1.64	22.50	1.67
		80	16.66	1.56	17.74	1.61	18.82	1.67	19.60	1.69	20.98	1.72	22.06	1.76
		85	16.24	1.63	17.32	1.69	18.40	1.75	19.17	1.78	20.55	1.81	21.63	1.84
		90	15.82	1.71	16.90	1.77	17.97	1.84	18.75	1.86	20.12	1.89	21.20	1.93
		95	15.37	1.79	16.44	1.85	17.51	1.92	**18.00**	**1.94**	19.65	1.98	20.72	2.02
		100	14.99	1.86	16.06	1.93	17.13	2.00	17.77	2.02	19.28	2.06	20.35	2.10
		105	14.62	1.94	15.69	2.01	16.76	2.08	17.53	2.10	18.90	2.14	19.97	2.19
		110	14.24	2.01	15.32	2.09	16.39	2.16	17.16	2.19	18.53	2.23	19.60	2.27
		115	13.87	2.09	14.94	2.16	16.01	2.24	16.79	2.27	18.15	2.31	19.22	2.36
		118	13.65	2.13	14.72	2.21	15.79	2.29	16.56	2.32	17.93	2.36	19.00	2.41
		122	13.57	2.19	14.64	2.27	15.71	2.36	16.49	2.39	17.85	2.43	18.92	2.48
	9 + 12	14	20.59	1.35	21.86	1.40	23.14	1.45	24.07	1.47	25.70	1.49	26.98	1.52
		20	20.57	1.37	21.85	1.42	23.13	1.47	24.05	1.49	25.68	1.51	26.96	1.54
		25	20.55	1.39	21.83	1.44	23.11	1.49	24.03	1.51	25.66	1.54	26.94	1.57
		30	20.54	1.41	21.81	1.46	23.09	1.51	24.01	1.53	25.64	1.56	26.92	1.59
		35	20.52	1.43	21.80	1.48	23.07	1.53	23.99	1.55	25.62	1.58	26.90	1.61
		40	20.51	1.45	21.78	1.50	23.05	1.55	23.97	1.57	25.60	1.60	26.88	1.63
		45	20.49	1.46	21.76	1.52	23.04	1.57	23.96	1.59	25.58	1.62	26.86	1.65
		50	20.48	1.48	21.75	1.54	23.02	1.59	23.94	1.61	25.56	1.64	26.83	1.68
		55	20.46	1.50	21.73	1.56	23.00	1.62	23.92	1.63	25.54	1.66	26.81	1.70
		60	20.44	1.52	21.71	1.58	22.98	1.64	23.90	1.66	25.52	1.69	26.79	1.72
		65	20.43	1.54	21.70	1.60	22.97	1.66	23.88	1.68	25.50	1.71	26.77	1.74
		70	20.41	1.56	21.68	1.62	22.95	1.68	23.86	1.70	25.48	1.73	26.75	1.76
		75	19.92	1.65	21.19	1.71	22.45	1.77	23.36	1.79	24.98	1.82	26.25	1.86
		80	19.43	1.73	20.69	1.79	21.95	1.86	22.87	1.88	24.48	1.92	25.74	1.95
		85	18.94	1.81	20.20	1.88	21.46	1.95	22.37	1.97	23.98	2.01	25.24	2.05
		90	18.46	1.90	19.71	1.97	20.97	2.04	21.87	2.06	23.48	2.10	24.73	2.14
		95	17.93	1.98	19.18	2.06	20.43	2.13	**21.00**	**2.16**	22.93	2.20	24.17	2.24
		100	17.49	2.07	18.74	2.14	19.99	2.22	20.73	2.25	22.49	2.29	23.74	2.33
		105	17.06	2.15	18.30	2.23	19.55	2.31	20.46	2.34	22.05	2.38	23.30	2.43
		110	16.62	2.24	17.87	2.32	19.12	2.40	20.02	2.43	21.62	2.48	22.86	2.52
		115	16.18	2.32	17.43	2.40	18.68	2.49	19.58	2.52	21.18	2.57	22.43	2.62
		118	15.92	2.37	17.17	2.46	18.42	2.55	19.32	2.58	20.92	2.62	22.17	2.68
		122	15.83	2.44	17.08	2.53	18.33	2.62	19.23	2.65	20.83	2.70	22.08	2.75

TC = Total Capacity (kBtu/h).

PI = Power Input (kW).

Nominal capacity as rated: 0 ft. above sea level with 25 ft. of refrigerant piping.
0 ft. level difference between outdoor and indoor units.

Nominal cooling capacity rating obtained with air entering the indoor unit at 80°F dry bulb (DB) and 67°F wet bulb (WB), and outdoor ambient conditions of 95°F dry bulb (DB) and 75°F wet bulb (WB).

The shaded table rows indicate reference data. When operating at this temperature, these values can be different if the system is not running consistently.

Due to our policy of continuous product innovation, some specifications may change without notification.
©LG Electronics U.S.A., Inc., Englewood Cliffs, NJ. All rights reserved. "LG" is a registered trademark of LG Corp.

Table 64: LMU369HV Cooling Capacity Table — Mixed Indoor Units (continued).

Connected Indoor Units	Combination Capacity Index	Outdoor Air Temp. (°F DB)	Indoor Air Temp. °F DB / °F WB											
			68 / 57		73 / 61		77 / 64		80 / 67		86 / 72		90 / 75	
			TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
Two (2) Mixed Indoor Units	12 + 12	14	23.53	1.48	24.99	1.54	26.45	1.59	27.50	1.61	29.37	1.64	30.83	1.67
		20	23.51	1.50	24.97	1.56	26.43	1.62	27.48	1.63	29.35	1.67	30.81	1.70
		25	23.49	1.53	24.95	1.58	26.41	1.64	27.46	1.66	29.33	1.69	30.79	1.72
		30	23.47	1.55	24.93	1.60	26.39	1.66	27.44	1.68	29.30	1.71	30.76	1.75
		35	23.46	1.57	24.91	1.63	26.37	1.68	27.42	1.70	29.28	1.74	30.74	1.77
		40	23.44	1.59	24.89	1.65	26.35	1.71	27.40	1.73	29.26	1.76	30.72	1.80
		45	23.42	1.61	24.87	1.67	26.33	1.73	27.38	1.75	29.24	1.78	30.69	1.82
		50	23.40	1.63	24.85	1.69	26.31	1.75	27.36	1.77	29.21	1.81	30.67	1.84
		55	23.38	1.65	24.84	1.71	26.29	1.78	27.34	1.80	29.19	1.83	30.64	1.87
		60	23.37	1.67	24.82	1.74	26.27	1.80	27.32	1.82	29.17	1.85	30.62	1.89
		65	23.35	1.70	24.80	1.76	26.25	1.82	27.29	1.84	29.15	1.88	30.60	1.92
		70	23.33	1.72	24.78	1.78	26.23	1.85	27.27	1.87	29.13	1.90	30.57	1.94
		75	22.77	1.81	24.21	1.88	25.66	1.94	26.70	1.97	28.55	2.00	29.99	2.04
		80	22.21	1.90	23.65	1.97	25.09	2.04	26.13	2.07	27.97	2.11	29.42	2.15
		85	21.65	2.00	23.09	2.07	24.53	2.14	25.57	2.17	27.40	2.21	28.84	2.25
		90	21.09	2.09	22.53	2.16	23.96	2.24	25.00	2.27	26.83	2.31	28.27	2.36
		95	20.49	2.18	21.92	2.26	23.35	2.34	**24.00**	**2.37**	26.20	2.41	27.63	2.46
		100	19.99	2.27	21.42	2.36	22.85	2.44	23.69	2.47	25.70	2.52	27.13	2.57
		105	19.49	2.37	20.92	2.45	22.35	2.54	23.38	2.57	25.20	2.62	26.63	2.67
		110	18.99	2.46	20.42	2.55	21.85	2.64	22.88	2.67	24.70	2.72	26.13	2.78
		115	18.49	2.55	19.92	2.64	21.35	2.74	22.38	2.77	24.20	2.82	25.63	2.88
		118	18.19	2.61	19.62	2.70	21.05	2.80	22.08	2.83	23.90	2.89	25.33	2.94
		122	18.10	2.68	19.52	2.78	20.95	2.88	21.98	2.91	23.81	2.97	25.23	3.03
	9 + 18	14	26.47	1.55	28.11	1.61	29.76	1.66	30.94	1.68	33.04	1.71	34.69	1.75
		20	26.45	1.57	28.09	1.63	29.73	1.69	30.92	1.71	33.02	1.74	34.66	1.77
		25	26.43	1.59	28.07	1.65	29.71	1.71	30.90	1.73	32.99	1.76	34.63	1.80
		30	26.41	1.62	28.05	1.67	29.69	1.74	30.87	1.76	32.97	1.79	34.61	1.82
		35	26.39	1.64	28.03	1.70	29.66	1.76	30.85	1.78	32.94	1.81	34.58	1.85
		40	26.37	1.66	28.00	1.72	29.64	1.78	30.82	1.80	32.92	1.84	34.55	1.87
		45	26.35	1.68	27.98	1.74	29.62	1.81	30.80	1.83	32.89	1.86	34.53	1.90
		50	26.33	1.70	27.96	1.77	29.60	1.83	30.78	1.85	32.87	1.89	34.50	1.93
		55	26.31	1.73	27.94	1.79	29.57	1.86	30.75	1.88	32.84	1.91	34.48	1.95
		60	26.29	1.75	27.92	1.81	29.55	1.88	30.73	1.90	32.82	1.94	34.45	1.98
		65	26.27	1.77	27.90	1.84	29.53	1.90	30.71	1.93	32.79	1.96	34.42	2.00
		70	26.25	1.79	27.88	1.86	29.51	1.93	30.68	1.95	32.77	1.99	34.40	2.03
		75	25.61	1.89	27.24	1.96	28.87	2.03	30.04	2.05	32.12	2.09	33.74	2.13
		80	24.98	1.99	26.60	2.06	28.23	2.13	29.40	2.16	31.47	2.20	33.09	2.24
		85	24.36	2.08	25.97	2.16	27.59	2.24	28.76	2.26	30.83	2.31	32.45	2.35
		90	23.73	2.18	25.34	2.26	26.96	2.34	28.12	2.37	30.19	2.41	31.80	2.46
		95	23.05	2.28	24.66	2.36	26.26	2.45	**27.00**	**2.48**	29.48	2.52	31.08	2.57
		100	22.49	2.37	24.10	2.46	25.70	2.55	26.65	2.58	28.91	2.63	30.52	2.68
		105	21.93	2.47	23.53	2.56	25.14	2.65	26.30	2.69	28.35	2.74	29.96	2.79
		110	21.37	2.57	22.97	2.66	24.58	2.76	25.74	2.79	27.79	2.84	29.40	2.90
		115	20.81	2.66	22.41	2.76	24.02	2.86	25.18	2.90	27.23	2.95	28.84	3.01
		118	20.47	2.72	22.08	2.82	23.68	2.93	24.84	2.96	26.89	3.01	28.50	3.07
		122	20.36	2.80	21.96	2.90	23.57	3.01	24.73	3.04	26.78	3.10	28.39	3.16

TC = Total Capacity (kBtu/h).

PI = Power Input (kW).

Nominal capacity as rated: 0 ft. above sea level with 25 ft. of refrigerant piping.
0 ft. level difference between outdoor and indoor units.

Nominal cooling capacity rating obtained with air entering the indoor unit at 80ºF dry bulb (DB) and 67ºF wet bulb (WB), and outdoor ambient conditions of 95ºF dry bulb (DB) and 75ºF wet bulb (WB).

The shaded table rows indicate reference data. When operating at this temperature, these values can be different if the system is not running consistently.

Due to our policy of continuous product innovation, some specifications may change without notification.
©LG Electronics U.S.A., Inc., Englewood Cliffs, NJ. All rights reserved. "LG" is a registered trademark of LG Corp.

PERFORMANCE DATA

Cooling Capacity Tables

Table 65: LMU369HV Cooling Capacity Table — Mixed Indoor Units (continued).

Connected Indoor Units	Combination Capacity Index	Outdoor Air Temp. (°F DB)	Indoor Air Temp. °F DB / °F WB											
			68 / 57		73 / 61		77 / 64		80 / 67		86 / 72		90 / 75	
			TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
Two (2) Mixed Indoor Units	12 + 18	14	29.41	1.66	31.24	1.72	33.06	1.79	34.38	1.81	36.71	1.84	38.54	1.88
		20	29.39	1.69	31.21	1.75	33.04	1.81	34.35	1.83	36.69	1.87	38.51	1.90
		25	29.36	1.71	31.19	1.77	33.01	1.84	34.33	1.86	36.66	1.89	38.48	1.93
		30	29.34	1.73	31.16	1.80	32.99	1.86	34.30	1.88	36.63	1.92	38.45	1.96
		35	29.32	1.76	31.14	1.82	32.96	1.89	34.28	1.91	36.60	1.95	38.42	1.98
		40	29.30	1.78	31.12	1.85	32.94	1.91	34.25	1.94	36.57	1.97	38.39	2.01
		45	29.27	1.80	31.09	1.87	32.91	1.94	34.22	1.96	36.55	2.00	38.36	2.04
		50	29.25	1.83	31.07	1.90	32.89	1.96	34.20	1.99	36.52	2.02	38.34	2.07
		55	29.23	1.85	31.04	1.92	32.86	1.99	34.17	2.01	36.49	2.05	38.31	2.09
		60	29.21	1.88	31.02	1.94	32.83	2.02	34.14	2.04	36.46	2.08	38.28	2.12
		65	29.18	1.90	31.00	1.97	32.81	2.04	34.12	2.07	36.43	2.10	38.25	2.15
		70	29.16	1.92	30.97	1.99	32.78	2.07	34.09	2.09	36.41	2.13	38.22	2.17
		75	28.46	2.03	30.27	2.10	32.07	2.18	33.38	2.20	35.69	2.25	37.49	2.29
		80	27.76	2.13	29.56	2.21	31.36	2.29	32.66	2.32	34.97	2.36	36.77	2.41
		85	27.06	2.24	28.86	2.32	30.66	2.40	31.96	2.43	34.25	2.47	36.05	2.52
		90	26.37	2.34	28.16	2.42	29.95	2.51	31.25	2.54	33.54	2.59	35.33	2.64
		95	25.61	2.44	27.40	2.53	29.18	2.62	**30.00**	**2.66**	32.75	2.70	34.53	2.76
		100	24.99	2.55	26.77	2.64	28.56	2.74	29.61	2.77	32.13	2.82	33.91	2.88
		105	24.37	2.65	26.15	2.75	27.93	2.85	29.22	2.88	31.50	2.93	33.29	2.99
		110	23.74	2.75	25.53	2.86	27.31	2.96	28.60	2.99	30.88	3.05	32.66	3.11
		115	23.12	2.86	24.90	2.96	26.69	3.07	27.98	3.11	30.26	3.16	32.04	3.23
		118	22.74	2.92	24.53	3.03	26.31	3.14	27.60	3.17	29.88	3.23	31.67	3.30
		122	22.62	3.00	24.40	3.11	26.19	3.23	27.48	3.26	29.76	3.33	31.54	3.39
	18 + 18	14	32.35	1.84	34.36	1.91	36.37	1.98	37.82	2.00	40.39	2.04	42.40	2.08
		20	32.33	1.87	34.33	1.93	36.34	2.01	37.79	2.03	40.36	2.07	42.36	2.11
		25	32.30	1.89	34.31	1.96	36.31	2.03	37.76	2.06	40.32	2.10	42.33	2.14
		30	32.28	1.92	34.28	1.99	36.28	2.06	37.73	2.09	40.29	2.12	42.30	2.17
		35	32.25	1.95	34.25	2.02	36.26	2.09	37.70	2.11	40.26	2.15	42.27	2.20
		40	32.23	1.97	34.23	2.04	36.23	2.12	37.67	2.14	40.23	2.18	42.23	2.23
		45	32.20	2.00	34.20	2.07	36.20	2.15	37.65	2.17	40.20	2.21	42.20	2.26
		50	32.18	2.02	34.18	2.10	36.17	2.18	37.62	2.20	40.17	2.24	42.17	2.29
		55	32.15	2.05	34.15	2.13	36.15	2.20	37.59	2.23	40.14	2.27	42.14	2.32
		60	32.13	2.08	34.12	2.15	36.12	2.23	37.56	2.26	40.11	2.30	42.10	2.35
		65	32.10	2.10	34.10	2.18	36.09	2.26	37.53	2.29	40.08	2.33	42.07	2.38
		70	32.08	2.13	34.07	2.21	36.06	2.29	37.50	2.32	40.05	2.36	42.04	2.41
		75	31.31	2.25	33.29	2.33	35.28	2.41	36.72	2.44	39.26	2.49	41.24	2.54
		80	30.53	2.36	32.52	2.45	34.50	2.54	35.93	2.57	38.46	2.61	40.45	2.67
		85	29.77	2.48	31.75	2.57	33.72	2.66	35.15	2.69	37.68	2.74	39.66	2.80
		90	29.00	2.59	30.98	2.68	32.95	2.78	34.37	2.82	36.89	2.87	38.87	2.93
		95	28.17	2.71	30.14	2.80	32.10	2.91	**33.00**	**2.94**	36.03	3.00	37.99	3.06
		100	27.49	2.82	29.45	2.92	31.41	3.03	32.57	3.06	35.34	3.12	37.30	3.19
		105	26.80	2.94	28.76	3.04	30.73	3.15	32.14	3.19	34.65	3.25	36.62	3.31
		110	26.12	3.05	28.08	3.16	30.04	3.28	31.46	3.31	33.97	3.38	35.93	3.44
		115	25.43	3.17	27.39	3.28	29.36	3.40	30.77	3.44	33.28	3.50	35.24	3.57
		118	25.02	3.23	26.98	3.35	28.94	3.47	30.36	3.51	32.87	3.58	34.83	3.65
		122	24.88	3.33	26.84	3.45	28.81	3.57	30.22	3.61	32.73	3.68	34.69	3.76

TC = Total Capacity (kBtu/h).

PI = Power Input (kW).

Nominal capacity as rated: 0 ft. above sea level with 25 ft. of refrigerant piping.
0 ft. level difference between outdoor and indoor units.

Nominal cooling capacity rating obtained with air entering the indoor unit at 80°F dry bulb (DB) and 67°F wet bulb (WB), and outdoor ambient conditions of 95°F dry bulb (DB) and 75°F wet bulb (WB).

The shaded table rows indicate reference data. When operating at this temperature, these values can be different if the system is not running consistently.

Due to our policy of continuous product innovation, some specifications may change without notification.
©LG Electronics U.S.A., Inc., Englewood Cliffs, NJ. All rights reserved. "LG" is a registered trademark of LG Corp.

Table 66: LMU369HV Cooling Capacity Table — Mixed Indoor Units (continued).

Connected Indoor Units	Combination Capacity Index	Outdoor Air Temp. (°F DB)	Indoor Air Temp. °F DB / °F WB											
			68 / 57		73 / 61		77 / 64		80 / 67		86 / 72		90 / 75	
			TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
Two (2) Mixed Indoor Units	24 + 9	14	32.35	1.84	34.36	1.91	36.37	1.98	37.82	2.00	40.39	2.04	42.40	2.08
		20	32.33	1.87	34.33	1.93	36.34	2.01	37.79	2.03	40.36	2.07	42.36	2.11
		25	32.30	1.89	34.31	1.96	36.31	2.03	37.76	2.06	40.32	2.10	42.33	2.14
		30	32.28	1.92	34.28	1.99	36.28	2.06	37.73	2.09	40.29	2.12	42.30	2.17
		35	32.25	1.95	34.25	2.02	36.26	2.09	37.70	2.11	40.26	2.15	42.27	2.20
		40	32.23	1.97	34.23	2.04	36.23	2.12	37.67	2.14	40.23	2.18	42.23	2.23
		45	32.20	2.00	34.20	2.07	36.20	2.15	37.65	2.17	40.20	2.21	42.20	2.26
		50	32.18	2.02	34.18	2.10	36.17	2.18	37.62	2.20	40.17	2.24	42.17	2.29
		55	32.15	2.05	34.15	2.13	36.15	2.20	37.59	2.23	40.14	2.27	42.14	2.32
		60	32.13	2.08	34.12	2.15	36.12	2.23	37.56	2.26	40.11	2.30	42.10	2.35
		65	32.10	2.10	34.10	2.18	36.09	2.26	37.53	2.29	40.08	2.33	42.07	2.38
		70	32.08	2.13	34.07	2.21	36.06	2.29	37.50	2.32	40.05	2.36	42.04	2.41
		75	31.31	2.25	33.29	2.33	35.28	2.41	36.72	2.44	39.26	2.49	41.24	2.54
		80	30.53	2.36	32.52	2.45	34.50	2.54	35.93	2.57	38.46	2.61	40.45	2.67
		85	29.77	2.48	31.75	2.57	33.72	2.66	35.15	2.69	37.68	2.74	39.66	2.80
		90	29.00	2.59	30.98	2.68	32.95	2.78	34.37	2.82	36.89	2.87	38.87	2.93
		95	28.17	2.71	30.14	2.80	32.10	2.91	**33.00**	**2.94**	36.03	3.00	37.99	3.06
		100	27.49	2.82	29.45	2.92	31.41	3.03	32.57	3.06	35.34	3.12	37.30	3.19
		105	26.80	2.94	28.76	3.04	30.73	3.15	32.14	3.19	34.65	3.25	36.62	3.31
		110	26.12	3.05	28.08	3.16	30.04	3.28	31.46	3.31	33.97	3.38	35.93	3.44
		115	25.43	3.17	27.39	3.28	29.36	3.40	30.77	3.44	33.28	3.50	35.24	3.57
		118	25.02	3.23	26.98	3.35	28.94	3.47	30.36	3.51	32.87	3.58	34.83	3.65
		122	24.88	3.33	26.84	3.45	28.81	3.57	30.22	3.61	32.73	3.68	34.69	3.76
	24 + 12	14	32.35	1.84	34.36	1.91	36.37	1.98	37.82	2.00	40.39	2.04	42.40	2.08
		20	32.33	1.87	34.33	1.93	36.34	2.01	37.79	2.03	40.36	2.07	42.36	2.11
		25	32.30	1.89	34.31	1.96	36.31	2.03	37.76	2.06	40.32	2.10	42.33	2.14
		30	32.28	1.92	34.28	1.99	36.28	2.06	37.73	2.09	40.29	2.12	42.30	2.17
		35	32.25	1.95	34.25	2.02	36.26	2.09	37.70	2.11	40.26	2.15	42.27	2.20
		40	32.23	1.97	34.23	2.04	36.23	2.12	37.67	2.14	40.23	2.18	42.23	2.23
		45	32.20	2.00	34.20	2.07	36.20	2.15	37.65	2.17	40.20	2.21	42.20	2.26
		50	32.18	2.02	34.18	2.10	36.17	2.18	37.62	2.20	40.17	2.24	42.17	2.29
		55	32.15	2.05	34.15	2.13	36.15	2.20	37.59	2.23	40.14	2.27	42.14	2.32
		60	32.13	2.08	34.12	2.15	36.12	2.23	37.56	2.26	40.11	2.30	42.10	2.35
		65	32.10	2.10	34.10	2.18	36.09	2.26	37.53	2.29	40.08	2.33	42.07	2.38
		70	32.08	2.13	34.07	2.21	36.06	2.29	37.50	2.32	40.05	2.36	42.04	2.41
		75	31.31	2.25	33.29	2.33	35.28	2.41	36.72	2.44	39.26	2.49	41.24	2.54
		80	30.53	2.36	32.52	2.45	34.50	2.54	35.93	2.57	38.46	2.61	40.45	2.67
		85	29.77	2.48	31.75	2.57	33.72	2.66	35.15	2.69	37.68	2.74	39.66	2.80
		90	29.00	2.59	30.98	2.68	32.95	2.78	34.37	2.82	36.89	2.87	38.87	2.93
		95	28.17	2.71	30.14	2.80	32.10	2.91	**33.00**	**2.94**	36.03	3.00	37.99	3.06
		100	27.49	2.82	29.45	2.92	31.41	3.03	32.57	3.06	35.34	3.12	37.30	3.19
		105	26.80	2.94	28.76	3.04	30.73	3.15	32.14	3.19	34.65	3.25	36.62	3.31
		110	26.12	3.05	28.08	3.16	30.04	3.28	31.46	3.31	33.97	3.38	35.93	3.44
		115	25.43	3.17	27.39	3.28	29.36	3.40	30.77	3.44	33.28	3.50	35.24	3.57
		118	25.02	3.23	26.98	3.35	28.94	3.47	30.36	3.51	32.87	3.58	34.83	3.65
		122	24.88	3.33	26.84	3.45	28.81	3.57	30.22	3.61	32.73	3.68	34.69	3.76

TC = Total Capacity (kBtu/h).

PI = Power Input (kW).

Nominal capacity as rated: 0 ft. above sea level with 25 ft. of refrigerant piping.
0 ft. level difference between outdoor and indoor units.

Nominal cooling capacity rating obtained with air entering the indoor unit at 80°F dry bulb (DB) and 67°F wet bulb (WB), and outdoor ambient conditions of 95°F dry bulb (DB) and 75°F wet bulb (WB).

The shaded table rows indicate reference data. When operating at this temperature, these values can be different if the system is not running consistently.

Due to our policy of continuous product innovation, some specifications may change without notification.
©LG Electronics U.S.A., Inc., Englewood Cliffs, NJ. All rights reserved. "LG" is a registered trademark of LG Corp.

PERFORMANCE DATA

Cooling Capacity Tables

Table 67: LMU369HV Cooling Capacity Table — Mixed Indoor Units (continued).

Connected Indoor Units	Combination Capacity Index	Outdoor Air Temp. (°F DB)	Indoor Air Temp. °F DB / °F WB											
			68 / 57		73 / 61		77 / 64		80 / 67		86 / 72		90 / 75	
			TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
Three (3) Mixed Indoor Units	9 + 9 + 9	14	26.47	1.55	28.11	1.61	29.76	1.66	30.94	1.68	33.04	1.71	34.69	1.75
		20	26.45	1.57	28.09	1.63	29.73	1.69	30.92	1.71	33.02	1.74	34.66	1.77
		25	26.43	1.59	28.07	1.65	29.71	1.71	30.90	1.73	32.99	1.76	34.63	1.80
		30	26.41	1.62	28.05	1.67	29.69	1.74	30.87	1.76	32.97	1.79	34.61	1.82
		35	26.39	1.64	28.03	1.70	29.66	1.76	30.85	1.78	32.94	1.81	34.58	1.85
		40	26.37	1.66	28.00	1.72	29.64	1.78	30.82	1.80	32.92	1.84	34.55	1.87
		45	26.35	1.68	27.98	1.74	29.62	1.81	30.80	1.83	32.89	1.86	34.53	1.90
		50	26.33	1.70	27.96	1.77	29.60	1.83	30.78	1.85	32.87	1.89	34.50	1.93
		55	26.31	1.73	27.94	1.79	29.57	1.86	30.75	1.88	32.84	1.91	34.48	1.95
		60	26.29	1.75	27.92	1.81	29.55	1.88	30.73	1.90	32.82	1.94	34.45	1.98
		65	26.27	1.77	27.90	1.84	29.53	1.90	30.71	1.93	32.79	1.96	34.42	2.00
		70	26.25	1.79	27.88	1.86	29.51	1.93	30.68	1.95	32.77	1.99	34.40	2.03
		75	25.61	1.89	27.24	1.96	28.87	2.03	30.04	2.05	32.12	2.09	33.74	2.13
		80	24.98	1.99	26.60	2.06	28.23	2.13	29.40	2.16	31.47	2.20	33.09	2.24
		85	24.36	2.08	25.97	2.16	27.59	2.24	28.76	2.26	30.83	2.31	32.45	2.35
		90	23.73	2.18	25.34	2.26	26.96	2.34	28.12	2.37	30.19	2.41	31.80	2.46
		95	23.05	2.28	24.66	2.36	26.26	2.45	**27.00**	**2.48**	29.48	2.52	31.08	2.57
		100	22.49	2.37	24.10	2.46	25.70	2.55	26.65	2.58	28.91	2.63	30.52	2.68
		105	21.93	2.47	23.53	2.56	25.14	2.65	26.30	2.69	28.35	2.74	29.96	2.79
		110	21.37	2.57	22.97	2.66	24.58	2.76	25.74	2.79	27.79	2.84	29.40	2.90
		115	20.81	2.66	22.41	2.76	24.02	2.86	25.18	2.90	27.23	2.95	28.84	3.01
		118	20.47	2.72	22.08	2.82	23.68	2.93	24.84	2.96	26.89	3.01	28.50	3.07
		122	20.36	2.80	21.96	2.90	23.57	3.01	24.73	3.04	26.78	3.10	28.39	3.16
	9 + 9 + 12	14	29.41	1.66	31.24	1.72	33.06	1.79	34.38	1.81	36.71	1.84	38.54	1.88
		20	29.39	1.69	31.21	1.75	33.04	1.81	34.35	1.83	36.69	1.87	38.51	1.90
		25	29.36	1.71	31.19	1.77	33.01	1.84	34.33	1.86	36.66	1.89	38.48	1.93
		30	29.34	1.73	31.16	1.80	32.99	1.86	34.30	1.88	36.63	1.92	38.45	1.96
		35	29.32	1.76	31.14	1.82	32.96	1.89	34.28	1.91	36.60	1.95	38.42	1.98
		40	29.30	1.78	31.12	1.85	32.94	1.91	34.25	1.94	36.57	1.97	38.39	2.01
		45	29.27	1.80	31.09	1.87	32.91	1.94	34.22	1.96	36.55	2.00	38.36	2.04
		50	29.25	1.83	31.07	1.90	32.89	1.96	34.20	1.99	36.52	2.02	38.34	2.07
		55	29.23	1.85	31.04	1.92	32.86	1.99	34.17	2.01	36.49	2.05	38.31	2.09
		60	29.21	1.88	31.02	1.94	32.83	2.02	34.14	2.04	36.46	2.08	38.28	2.12
		65	29.18	1.90	31.00	1.97	32.81	2.04	34.12	2.07	36.43	2.10	38.25	2.15
		70	29.16	1.92	30.97	1.99	32.78	2.07	34.09	2.09	36.41	2.13	38.22	2.17
		75	28.46	2.03	30.27	2.10	32.07	2.18	33.38	2.20	35.69	2.25	37.49	2.29
		80	27.76	2.13	29.56	2.21	31.36	2.29	32.66	2.32	34.97	2.36	36.77	2.41
		85	27.06	2.24	28.86	2.32	30.66	2.40	31.96	2.43	34.25	2.47	36.05	2.52
		90	26.37	2.34	28.16	2.42	29.95	2.51	31.25	2.54	33.54	2.59	35.33	2.64
		95	25.61	2.44	27.40	2.53	29.18	2.62	**30.00**	**2.66**	32.75	2.70	34.53	2.76
		100	24.99	2.55	26.77	2.64	28.56	2.74	29.61	2.77	32.13	2.82	33.91	2.88
		105	24.37	2.65	26.15	2.75	27.93	2.85	29.22	2.88	31.50	2.93	33.29	2.99
		110	23.74	2.75	25.53	2.86	27.31	2.96	28.60	2.99	30.88	3.05	32.66	3.11
		115	23.12	2.86	24.90	2.96	26.69	3.07	27.98	3.11	30.26	3.16	32.04	3.23
		118	22.74	2.92	24.53	3.03	26.31	3.14	27.60	3.17	29.88	3.23	31.67	3.30
		122	22.62	3.00	24.40	3.11	26.19	3.23	27.48	3.26	29.76	3.33	31.54	3.39

TC = Total Capacity (kBtu/h).

PI = Power Input (kW).

Nominal capacity as rated: 0 ft. above sea level with 25 ft. of refrigerant piping.
0 ft. level difference between outdoor and indoor units.

Nominal cooling capacity rating obtained with air entering the indoor unit at 80ºF dry bulb (DB) and 67ºF wet bulb (WB), and outdoor ambient conditions of 95ºF dry bulb (DB) and 75ºF wet bulb (WB).

The shaded table rows indicate reference data. When operating at this temperature, these values can be different if the system is not running consistently.

Due to our policy of continuous product innovation, some specifications may change without notification.
©LG Electronics U.S.A., Inc., Englewood Cliffs, NJ. All rights reserved. "LG" is a registered trademark of LG Corp.

Table 68: LMU369HV Cooling Capacity Table — Mixed Indoor Units (continued).

Connected Indoor Units	Combination Capacity Index	Outdoor Air Temp. (°F DB)	Indoor Air Temp. °F DB / °F WB											
			68 / 57		73 / 61		77 / 64		80 / 67		86 / 72		90 / 75	
			TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
Three (3) Mixed Indoor Units	9 + 12 + 12	14	32.35	1.75	34.36	1.82	36.37	1.88	37.82	1.90	40.39	1.94	42.40	1.98
		20	32.33	1.78	34.33	1.84	36.34	1.91	37.79	1.93	40.36	1.97	42.36	2.01
		25	32.30	1.80	34.31	1.87	36.31	1.94	37.76	1.96	40.32	2.00	42.33	2.04
		30	32.28	1.83	34.28	1.89	36.28	1.96	37.73	1.99	40.29	2.02	42.30	2.06
		35	32.25	1.85	34.25	1.92	36.26	1.99	37.70	2.01	40.26	2.05	42.27	2.09
		40	32.23	1.88	34.23	1.95	36.23	2.02	37.67	2.04	40.23	2.08	42.23	2.12
		45	32.20	1.90	34.20	1.97	36.20	2.04	37.65	2.07	40.20	2.11	42.20	2.15
		50	32.18	1.93	34.18	2.00	36.17	2.07	37.62	2.10	40.17	2.13	42.17	2.18
		55	32.15	1.95	34.15	2.02	36.15	2.10	37.59	2.12	40.14	2.16	42.14	2.21
		60	32.13	1.98	34.12	2.05	36.12	2.13	37.56	2.15	40.11	2.19	42.10	2.23
		65	32.10	2.00	34.10	2.08	36.09	2.15	37.53	2.18	40.08	2.22	42.07	2.26
		70	32.08	2.03	34.07	2.10	36.06	2.18	37.50	2.21	40.05	2.25	42.04	2.29
		75	31.31	2.14	33.29	2.22	35.28	2.30	36.72	2.32	39.26	2.37	41.24	2.42
		80	30.53	2.25	32.52	2.33	34.50	2.42	35.93	2.44	38.46	2.49	40.45	2.54
		85	29.77	2.36	31.75	2.44	33.72	2.53	35.15	2.56	37.68	2.61	39.66	2.66
		90	29.00	2.47	30.98	2.56	32.95	2.65	34.37	2.68	36.89	2.73	38.87	2.79
		95	28.17	2.58	30.14	2.67	32.10	2.77	**33.00**	**2.80**	36.03	2.85	37.99	2.91
		100	27.49	2.69	29.45	2.78	31.41	2.89	32.57	2.92	35.34	2.97	37.30	3.03
		105	26.80	2.80	28.76	2.90	30.73	3.00	32.14	3.04	34.65	3.09	36.62	3.16
		110	26.12	2.90	28.08	3.01	30.04	3.12	31.46	3.16	33.97	3.22	35.93	3.28
		115	25.43	3.01	27.39	3.12	29.36	3.24	30.77	3.28	33.28	3.34	35.24	3.40
		118	25.02	3.08	26.98	3.19	28.94	3.31	30.36	3.35	32.87	3.41	34.83	3.48
		122	24.88	3.17	26.84	3.28	28.81	3.40	30.22	3.44	32.73	3.51	34.69	3.58
	12 + 12 + 12	14	33.33	1.74	35.40	1.80	37.47	1.87	38.96	1.89	41.61	1.93	43.68	1.96
		20	33.30	1.76	35.37	1.83	37.44	1.90	38.94	1.92	41.58	1.95	43.65	1.99
		25	33.28	1.79	35.35	1.86	37.41	1.92	38.91	1.94	41.55	1.98	43.61	2.02
		30	33.25	1.81	35.32	1.88	37.38	1.95	38.88	1.97	41.51	2.01	43.58	2.05
		35	33.23	1.84	35.29	1.91	37.36	1.98	38.85	2.00	41.48	2.04	43.55	2.08
		40	33.20	1.86	35.27	1.93	37.33	2.00	38.82	2.03	41.45	2.06	43.51	2.11
		45	33.18	1.89	35.24	1.96	37.30	2.03	38.79	2.05	41.42	2.09	43.48	2.13
		50	33.15	1.91	35.21	1.98	37.27	2.06	38.76	2.08	41.39	2.12	43.45	2.16
		55	33.13	1.94	35.18	2.01	37.24	2.08	38.73	2.11	41.36	2.15	43.41	2.19
		60	33.10	1.96	35.16	2.04	37.21	2.11	38.70	2.14	41.32	2.18	43.38	2.22
		65	33.08	1.99	35.13	2.06	37.18	2.14	38.67	2.16	41.29	2.20	43.35	2.25
		70	33.05	2.01	35.10	2.09	37.16	2.16	38.64	2.19	41.26	2.23	43.31	2.28
		75	32.26	2.12	34.30	2.20	36.35	2.28	37.83	2.31	40.45	2.35	42.49	2.40
		80	31.46	2.23	33.50	2.31	35.54	2.40	37.02	2.43	39.63	2.47	41.67	2.52
		85	30.67	2.34	32.71	2.43	34.75	2.51	36.22	2.54	38.82	2.59	40.86	2.64
		90	29.88	2.45	31.92	2.54	33.95	2.63	35.42	2.66	38.01	2.71	40.05	2.77
		95	29.03	2.56	31.05	2.65	33.07	2.75	**34.00**	**2.78**	37.12	2.83	39.14	2.89
		100	28.32	2.67	30.34	2.76	32.37	2.87	33.56	2.90	36.41	2.95	38.43	3.01
		105	27.61	2.78	29.64	2.88	31.66	2.98	33.12	3.02	35.70	3.07	37.73	3.13
		110	26.91	2.88	28.93	2.99	30.95	3.10	32.41	3.13	35.00	3.19	37.02	3.26
		115	26.20	2.99	28.22	3.10	30.24	3.22	31.71	3.25	34.29	3.31	36.31	3.38
		118	25.78	3.06	27.80	3.17	29.82	3.29	31.28	3.32	33.87	3.39	35.89	3.45
		122	25.63	3.15	27.66	3.26	29.68	3.38	31.14	3.42	33.72	3.48	35.75	3.55

TC = Total Capacity (kBtu/h).

PI = Power Input (kW).

Nominal capacity as rated: 0 ft. above sea level with 25 ft. of refrigerant piping.
0 ft. level difference between outdoor and indoor units.

Nominal cooling capacity rating obtained with air entering the indoor unit at 80ºF dry bulb (DB) and 67ºF wet bulb (WB), and outdoor ambient conditions of 95ºF dry bulb (DB) and 75ºF wet bulb (WB).

The shaded table rows indicate reference data. When operating at this temperature, these values can be different if the system is not running consistently.

Due to our policy of continuous product innovation, some specifications may change without notification.
©LG Electronics U.S.A., Inc., Englewood Cliffs, NJ. All rights reserved. "LG" is a registered trademark of LG Corp.

PERFORMANCE DATA

Cooling Capacity Tables

Table 69: LMU369HV Cooling Capacity Table — Mixed Indoor Units (continued).

Connected Indoor Units	Combination Capacity Index	Outdoor Air Temp. (°F DB)	Indoor Air Temp. °F DB / °F WB											
			68 / 57		73 / 61		77 / 64		80 / 67		86 / 72		90 / 75	
			TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
Three (3) Mixed Indoor Units	9 + 9 + 18	14	33.33	1.74	35.40	1.80	37.47	1.87	38.96	1.89	41.61	1.93	43.68	1.96
		20	33.30	1.76	35.37	1.83	37.44	1.90	38.94	1.92	41.58	1.95	43.65	1.99
		25	33.28	1.79	35.35	1.86	37.41	1.92	38.91	1.94	41.55	1.98	43.61	2.02
		30	33.25	1.81	35.32	1.88	37.38	1.95	38.88	1.97	41.51	2.01	43.58	2.05
		35	33.23	1.84	35.29	1.91	37.36	1.98	38.85	2.00	41.48	2.04	43.55	2.08
		40	33.20	1.86	35.27	1.93	37.33	2.00	38.82	2.03	41.45	2.06	43.51	2.11
		45	33.18	1.89	35.24	1.96	37.30	2.03	38.79	2.05	41.42	2.09	43.48	2.13
		50	33.15	1.91	35.21	1.98	37.27	2.06	38.76	2.08	41.39	2.12	43.45	2.16
		55	33.13	1.94	35.18	2.01	37.24	2.08	38.73	2.11	41.36	2.15	43.41	2.19
		60	33.10	1.96	35.16	2.04	37.21	2.11	38.70	2.14	41.32	2.18	43.38	2.22
		65	33.08	1.99	35.13	2.06	37.18	2.14	38.67	2.16	41.29	2.20	43.35	2.25
		70	33.05	2.01	35.10	2.09	37.16	2.16	38.64	2.19	41.26	2.23	43.31	2.28
		75	32.26	2.12	34.30	2.20	36.35	2.28	37.83	2.31	40.45	2.35	42.49	2.40
		80	31.46	2.23	33.50	2.31	35.54	2.40	37.02	2.43	39.63	2.47	41.67	2.52
		85	30.67	2.34	32.71	2.43	34.75	2.51	36.22	2.54	38.82	2.59	40.86	2.64
		90	29.88	2.45	31.92	2.54	33.95	2.63	35.42	2.66	38.01	2.71	40.05	2.77
		95	29.03	2.56	31.05	2.65	33.07	2.75	**34.00**	**2.78**	37.12	2.83	39.14	2.89
		100	28.32	2.67	30.34	2.76	32.37	2.87	33.56	2.90	36.41	2.95	38.43	3.01
		105	27.61	2.78	29.64	2.88	31.66	2.98	33.12	3.02	35.70	3.07	37.73	3.13
		110	26.91	2.88	28.93	2.99	30.95	3.10	32.41	3.13	35.00	3.19	37.02	3.26
		115	26.20	2.99	28.22	3.10	30.24	3.22	31.71	3.25	34.29	3.31	36.31	3.38
		118	25.78	3.06	27.80	3.17	29.82	3.29	31.28	3.32	33.87	3.39	35.89	3.45
		122	25.63	3.15	27.66	3.26	29.68	3.38	31.14	3.42	33.72	3.48	35.75	3.55
	9 + 12 + 18	14	33.33	1.74	35.40	1.80	37.47	1.87	38.96	1.89	41.61	1.93	43.68	1.96
		20	33.30	1.76	35.37	1.83	37.44	1.90	38.94	1.92	41.58	1.95	43.65	1.99
		25	33.28	1.79	35.35	1.86	37.41	1.92	38.91	1.94	41.55	1.98	43.61	2.02
		30	33.25	1.81	35.32	1.88	37.38	1.95	38.88	1.97	41.51	2.01	43.58	2.05
		35	33.23	1.84	35.29	1.91	37.36	1.98	38.85	2.00	41.48	2.04	43.55	2.08
		40	33.20	1.86	35.27	1.93	37.33	2.00	38.82	2.03	41.45	2.06	43.51	2.11
		45	33.18	1.89	35.24	1.96	37.30	2.03	38.79	2.05	41.42	2.09	43.48	2.13
		50	33.15	1.91	35.21	1.98	37.27	2.06	38.76	2.08	41.39	2.12	43.45	2.16
		55	33.13	1.94	35.18	2.01	37.24	2.08	38.73	2.11	41.36	2.15	43.41	2.19
		60	33.10	1.96	35.16	2.04	37.21	2.11	38.70	2.14	41.32	2.18	43.38	2.22
		65	33.08	1.99	35.13	2.06	37.18	2.14	38.67	2.16	41.29	2.20	43.35	2.25
		70	33.05	2.01	35.10	2.09	37.16	2.16	38.64	2.19	41.26	2.23	43.31	2.28
		75	32.26	2.12	34.30	2.20	36.35	2.28	37.83	2.31	40.45	2.35	42.49	2.40
		80	31.46	2.23	33.50	2.31	35.54	2.40	37.02	2.43	39.63	2.47	41.67	2.52
		85	30.67	2.34	32.71	2.43	34.75	2.51	36.22	2.54	38.82	2.59	40.86	2.64
		90	29.88	2.45	31.92	2.54	33.95	2.63	35.42	2.66	38.01	2.71	40.05	2.77
		95	29.03	2.56	31.05	2.65	33.07	2.75	**34.00**	**2.78**	37.12	2.83	39.14	2.89
		100	28.32	2.67	30.34	2.76	32.37	2.87	33.56	2.90	36.41	2.95	38.43	3.01
		105	27.61	2.78	29.64	2.88	31.66	2.98	33.12	3.02	35.70	3.07	37.73	3.13
		110	26.91	2.88	28.93	2.99	30.95	3.10	32.41	3.13	35.00	3.19	37.02	3.26
		115	26.20	2.99	28.22	3.10	30.24	3.22	31.71	3.25	34.29	3.31	36.31	3.38
		118	25.78	3.06	27.80	3.17	29.82	3.29	31.28	3.32	33.87	3.39	35.89	3.45
		122	25.63	3.15	27.66	3.26	29.68	3.38	31.14	3.42	33.72	3.48	35.75	3.55

TC = Total Capacity (kBtu/h).

PI = Power Input (kW).

Nominal capacity as rated: 0 ft. above sea level with 25 ft. of refrigerant piping.
0 ft. level difference between outdoor and indoor units.

Nominal cooling capacity rating obtained with air entering the indoor unit at 80ºF dry bulb (DB) and 67ºF wet bulb (WB), and outdoor ambient conditions of 95ºF dry bulb (DB) and 75ºF wet bulb (WB).

The shaded table rows indicate reference data. When operating at this temperature, these values can be different if the system is not running consistently.

Due to our policy of continuous product innovation, some specifications may change without notification.
©LG Electronics U.S.A., Inc., Englewood Cliffs, NJ. All rights reserved. "LG" is a registered trademark of LG Corp.

Table 70: LMU369HV Cooling Capacity Table — Mixed Indoor Units (continued).

Connected Indoor Units	Combination Capacity Index	Outdoor Air Temp. (°F DB)	Indoor Air Temp. °F DB / °F WB											
			68 / 57		73 / 61		77 / 64		80 / 67		86 / 72		90 / 75	
			TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
Three (3) Mixed Indoor Units	12 + 12 + 18	14	33.33	1.74	35.40	1.80	37.47	1.87	38.96	1.89	41.61	1.93	43.68	1.96
		20	33.30	1.76	35.37	1.83	37.44	1.90	38.94	1.92	41.58	1.95	43.65	1.99
		25	33.28	1.79	35.35	1.86	37.41	1.92	38.91	1.94	41.55	1.98	43.61	2.02
		30	33.25	1.81	35.32	1.88	37.38	1.95	38.88	1.97	41.51	2.01	43.58	2.05
		35	33.23	1.84	35.29	1.91	37.36	1.98	38.85	2.00	41.48	2.04	43.55	2.08
		40	33.20	1.86	35.27	1.93	37.33	2.00	38.82	2.03	41.45	2.06	43.51	2.11
		45	33.18	1.89	35.24	1.96	37.30	2.03	38.79	2.05	41.42	2.09	43.48	2.13
		50	33.15	1.91	35.21	1.98	37.27	2.06	38.76	2.08	41.39	2.12	43.45	2.16
		55	33.13	1.94	35.18	2.01	37.24	2.08	38.73	2.11	41.36	2.15	43.41	2.19
		60	33.10	1.96	35.16	2.04	37.21	2.11	38.70	2.14	41.32	2.18	43.38	2.22
		65	33.08	1.99	35.13	2.06	37.18	2.14	38.67	2.16	41.29	2.20	43.35	2.25
		70	33.05	2.01	35.10	2.09	37.16	2.16	38.64	2.19	41.26	2.23	43.31	2.28
		75	32.26	2.12	34.30	2.20	36.35	2.28	37.83	2.31	40.45	2.35	42.49	2.40
		80	31.46	2.23	33.50	2.31	35.54	2.40	37.02	2.43	39.63	2.47	41.67	2.52
		85	30.67	2.34	32.71	2.43	34.75	2.51	36.22	2.54	38.82	2.59	40.86	2.64
		90	29.88	2.45	31.92	2.54	33.95	2.63	35.42	2.66	38.01	2.71	40.05	2.77
		95	29.03	2.56	31.05	2.65	33.07	2.75	**34.00**	**2.78**	37.12	2.83	39.14	2.89
		100	28.32	2.67	30.34	2.76	32.37	2.87	33.56	2.90	36.41	2.95	38.43	3.01
		105	27.61	2.78	29.64	2.88	31.66	2.98	33.12	3.02	35.70	3.07	37.73	3.13
		110	26.91	2.88	28.93	2.99	30.95	3.10	32.41	3.13	35.00	3.19	37.02	3.26
		115	26.20	2.99	28.22	3.10	30.24	3.22	31.71	3.25	34.29	3.31	36.31	3.38
		118	25.78	3.06	27.80	3.17	29.82	3.29	31.28	3.32	33.87	3.39	35.89	3.45
		122	25.63	3.15	27.66	3.26	29.68	3.38	31.14	3.42	33.72	3.48	35.75	3.55
	9 + 18 + 18	14	33.33	1.74	35.40	1.80	37.47	1.87	38.96	1.89	41.61	1.93	43.68	1.96
		20	33.30	1.76	35.37	1.83	37.44	1.90	38.94	1.92	41.58	1.95	43.65	1.99
		25	33.28	1.79	35.35	1.86	37.41	1.92	38.91	1.94	41.55	1.98	43.61	2.02
		30	33.25	1.81	35.32	1.88	37.38	1.95	38.88	1.97	41.51	2.01	43.58	2.05
		35	33.23	1.84	35.29	1.91	37.36	1.98	38.85	2.00	41.48	2.04	43.55	2.08
		40	33.20	1.86	35.27	1.93	37.33	2.00	38.82	2.03	41.45	2.06	43.51	2.11
		45	33.18	1.89	35.24	1.96	37.30	2.03	38.79	2.05	41.42	2.09	43.48	2.13
		50	33.15	1.91	35.21	1.98	37.27	2.06	38.76	2.08	41.39	2.12	43.45	2.16
		55	33.13	1.94	35.18	2.01	37.24	2.08	38.73	2.11	41.36	2.15	43.41	2.19
		60	33.10	1.96	35.16	2.04	37.21	2.11	38.70	2.14	41.32	2.18	43.38	2.22
		65	33.08	1.99	35.13	2.06	37.18	2.14	38.67	2.16	41.29	2.20	43.35	2.25
		70	33.05	2.01	35.10	2.09	37.16	2.16	38.64	2.19	41.26	2.23	43.31	2.28
		75	32.26	2.12	34.30	2.20	36.35	2.28	37.83	2.31	40.45	2.35	42.49	2.40
		80	31.46	2.23	33.50	2.31	35.54	2.40	37.02	2.43	39.63	2.47	41.67	2.52
		85	30.67	2.34	32.71	2.43	34.75	2.51	36.22	2.54	38.82	2.59	40.86	2.64
		90	29.88	2.45	31.92	2.54	33.95	2.63	35.42	2.66	38.01	2.71	40.05	2.77
		95	29.03	2.56	31.05	2.65	33.07	2.75	**34.00**	**2.78**	37.12	2.83	39.14	2.89
		100	28.32	2.67	30.34	2.76	32.37	2.87	33.56	2.90	36.41	2.95	38.43	3.01
		105	27.61	2.78	29.64	2.88	31.66	2.98	33.12	3.02	35.70	3.07	37.73	3.13
		110	26.91	2.88	28.93	2.99	30.95	3.10	32.41	3.13	35.00	3.19	37.02	3.26
		115	26.20	2.99	28.22	3.10	30.24	3.22	31.71	3.25	34.29	3.31	36.31	3.38
		118	25.78	3.06	27.80	3.17	29.82	3.29	31.28	3.32	33.87	3.39	35.89	3.45
		122	25.63	3.15	27.66	3.26	29.68	3.38	31.14	3.42	33.72	3.48	35.75	3.55

TC = Total Capacity (kBtu/h).

PI = Power Input (kW).

Nominal capacity as rated: 0 ft. above sea level with 25 ft. of refrigerant piping.
0 ft. level difference between outdoor and indoor units.

Nominal cooling capacity rating obtained with air entering the indoor unit at 80°F dry bulb (DB) and 67°F wet bulb (WB), and outdoor ambient conditions of 95°F dry bulb (DB) and 75°F wet bulb (WB).

The shaded table columns and rows indicate reference data. When operating at this temperature, these values can be different if the system is not running consistently.

Due to our policy of continuous product innovation, some specifications may change without notification.
©LG Electronics U.S.A., Inc., Englewood Cliffs, NJ. All rights reserved. "LG" is a registered trademark of LG Corp.

PERFORMANCE DATA

Cooling Capacity Tables

Table 71: LMU369HV Cooling Capacity Table — Mixed Indoor Units (continued).

Connected Indoor Units	Combination Capacity Index	Outdoor Air Temp. (°F DB)	Indoor Air Temp. °F DB / °F WB											
			68 / 57		73 / 61		77 / 64		80 / 67		86 / 72		90 / 75	
			TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
Three (3) Mixed Indoor Units	12 + 18 + 18	14	33.33	1.74	35.40	1.80	37.47	1.87	38.96	1.89	41.61	1.93	43.68	1.96
		20	33.30	1.76	35.37	1.83	37.44	1.90	38.94	1.92	41.58	1.95	43.65	1.99
		25	33.28	1.79	35.35	1.86	37.41	1.92	38.91	1.94	41.55	1.98	43.61	2.02
		30	33.25	1.81	35.32	1.88	37.38	1.95	38.88	1.97	41.51	2.01	43.58	2.05
		35	33.23	1.84	35.29	1.91	37.36	1.98	38.85	2.00	41.48	2.04	43.55	2.08
		40	33.20	1.86	35.27	1.93	37.33	2.00	38.82	2.03	41.45	2.06	43.51	2.11
		45	33.18	1.89	35.24	1.96	37.30	2.03	38.79	2.05	41.42	2.09	43.48	2.13
		50	33.15	1.91	35.21	1.98	37.27	2.06	38.76	2.08	41.39	2.12	43.45	2.16
		55	33.13	1.94	35.18	2.01	37.24	2.08	38.73	2.11	41.36	2.15	43.41	2.19
		60	33.10	1.96	35.16	2.04	37.21	2.11	38.70	2.14	41.32	2.18	43.38	2.22
		65	33.08	1.99	35.13	2.06	37.18	2.14	38.67	2.16	41.29	2.20	43.35	2.25
		70	33.05	2.01	35.10	2.09	37.16	2.16	38.64	2.19	41.26	2.23	43.31	2.28
		75	32.26	2.12	34.30	2.20	36.35	2.28	37.83	2.31	40.45	2.35	42.49	2.40
		80	31.46	2.23	33.50	2.31	35.54	2.40	37.02	2.43	39.63	2.47	41.67	2.52
		85	30.67	2.34	32.71	2.43	34.75	2.51	36.22	2.54	38.82	2.59	40.86	2.64
		90	29.88	2.45	31.92	2.54	33.95	2.63	35.42	2.66	38.01	2.71	40.05	2.77
		95	29.03	2.56	31.05	2.65	33.07	2.75	**34.00**	**2.78**	37.12	2.83	39.14	2.89
		100	28.32	2.67	30.34	2.76	32.37	2.87	33.56	2.90	36.41	2.95	38.43	3.01
		105	27.61	2.78	29.64	2.88	31.66	2.98	33.12	3.02	35.70	3.07	37.73	3.13
		110	26.91	2.88	28.93	2.99	30.95	3.10	32.41	3.13	35.00	3.19	37.02	3.26
		115	26.20	2.99	28.22	3.10	30.24	3.22	31.71	3.25	34.29	3.31	36.31	3.38
		118	25.78	3.06	27.80	3.17	29.82	3.29	31.28	3.32	33.87	3.39	35.89	3.45
		122	25.63	3.15	27.66	3.26	29.68	3.38	31.14	3.42	33.72	3.48	35.75	3.55
Four (4) Mixed Indoor Units	9 + 9 + 9 + 9	14	33.33	1.74	35.40	1.80	37.47	1.87	38.96	1.89	41.61	1.93	43.68	1.96
		20	33.30	1.76	35.37	1.83	37.44	1.90	38.94	1.92	41.58	1.95	43.65	1.99
		25	33.28	1.79	35.35	1.86	37.41	1.92	38.91	1.94	41.55	1.98	43.61	2.02
		30	33.25	1.81	35.32	1.88	37.38	1.95	38.88	1.97	41.51	2.01	43.58	2.05
		35	33.23	1.84	35.29	1.91	37.36	1.98	38.85	2.00	41.48	2.04	43.55	2.08
		40	33.20	1.86	35.27	1.93	37.33	2.00	38.82	2.03	41.45	2.06	43.51	2.11
		45	33.18	1.89	35.24	1.96	37.30	2.03	38.79	2.05	41.42	2.09	43.48	2.13
		50	33.15	1.91	35.21	1.98	37.27	2.06	38.76	2.08	41.39	2.12	43.45	2.16
		55	33.13	1.94	35.18	2.01	37.24	2.08	38.73	2.11	41.36	2.15	43.41	2.19
		60	33.10	1.96	35.16	2.04	37.21	2.11	38.70	2.14	41.32	2.18	43.38	2.22
		65	33.08	1.99	35.13	2.06	37.18	2.14	38.67	2.16	41.29	2.20	43.35	2.25
		70	33.05	2.01	35.10	2.09	37.16	2.16	38.64	2.19	41.26	2.23	43.31	2.28
		75	32.26	2.12	34.30	2.20	36.35	2.28	37.83	2.31	40.45	2.35	42.49	2.40
		80	31.46	2.23	33.50	2.31	35.54	2.40	37.02	2.43	39.63	2.47	41.67	2.52
		85	30.67	2.34	32.71	2.43	34.75	2.51	36.22	2.54	38.82	2.59	40.86	2.64
		90	29.88	2.45	31.92	2.54	33.95	2.63	35.42	2.66	38.01	2.71	40.05	2.77
		95	29.03	2.56	31.05	2.65	33.07	2.75	**34.00**	**2.78**	37.12	2.83	39.14	2.89
		100	28.32	2.67	30.34	2.76	32.37	2.87	33.56	2.90	36.41	2.95	38.43	3.01
		105	27.61	2.78	29.64	2.88	31.66	2.98	33.12	3.02	35.70	3.07	37.73	3.13
		110	26.91	2.88	28.93	2.99	30.95	3.10	32.41	3.13	35.00	3.19	37.02	3.26
		115	26.20	2.99	28.22	3.10	30.24	3.22	31.71	3.25	34.29	3.31	36.31	3.38
		118	25.78	3.06	27.80	3.17	29.82	3.29	31.28	3.32	33.87	3.39	35.89	3.45
		122	25.63	3.15	27.66	3.26	29.68	3.38	31.14	3.42	33.72	3.48	35.75	3.55

TC = Total Capacity (kBtu/h).

PI = Power Input (kW).

Nominal capacity as rated: 0 ft. above sea level with 25 ft. of refrigerant piping.
0 ft. level difference between outdoor and indoor units.

Nominal cooling capacity rating obtained with air entering the indoor unit at 80°F dry bulb (DB) and 67°F wet bulb (WB), and outdoor ambient conditions of 95°F dry bulb (DB) and 75°F wet bulb (WB).

The shaded table columns and rows indicate reference data. When operating at this temperature, these values can be different if the system is not running consistently.

Due to our policy of continuous product innovation, some specifications may change without notification.
©LG Electronics U.S.A., Inc., Englewood Cliffs, NJ. All rights reserved. "LG" is a registered trademark of LG Corp.

Table 72: LMU369HV Cooling Capacity Table — Mixed Indoor Units (continued).

Connected Indoor Units	Combination Capacity Index	Outdoor Air Temp. (°F DB)	Indoor Air Temp. °F DB / °F WB											
			68 / 57		73 / 61		77 / 64		80 / 67		86 / 72		90 / 75	
			TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
Four (4) Mixed Indoor Units	9 + 9 + 9 + 12	14	33.33	1.74	35.40	1.80	37.47	1.87	38.96	1.89	41.61	1.93	43.68	1.96
		20	33.30	1.76	35.37	1.83	37.44	1.90	38.94	1.92	41.58	1.95	43.65	1.99
		25	33.28	1.79	35.35	1.86	37.41	1.92	38.91	1.94	41.55	1.98	43.61	2.02
		30	33.25	1.81	35.32	1.88	37.38	1.95	38.88	1.97	41.51	2.01	43.58	2.05
		35	33.23	1.84	35.29	1.91	37.36	1.98	38.85	2.00	41.48	2.04	43.55	2.08
		40	33.20	1.86	35.27	1.93	37.33	2.00	38.82	2.03	41.45	2.06	43.51	2.11
		45	33.18	1.89	35.24	1.96	37.30	2.03	38.79	2.05	41.42	2.09	43.48	2.13
		50	33.15	1.91	35.21	1.98	37.27	2.06	38.76	2.08	41.39	2.12	43.45	2.16
		55	33.13	1.94	35.18	2.01	37.24	2.08	38.73	2.11	41.36	2.15	43.41	2.19
		60	33.10	1.96	35.16	2.04	37.21	2.11	38.70	2.14	41.32	2.18	43.38	2.22
		65	33.08	1.99	35.13	2.06	37.18	2.14	38.67	2.16	41.29	2.20	43.35	2.25
		70	33.05	2.01	35.10	2.09	37.16	2.16	38.64	2.19	41.26	2.23	43.31	2.28
		75	32.26	2.12	34.30	2.20	36.35	2.28	37.83	2.31	40.45	2.35	42.49	2.40
		80	31.46	2.23	33.50	2.31	35.54	2.40	37.02	2.43	39.63	2.47	41.67	2.52
		85	30.67	2.34	32.71	2.43	34.75	2.51	36.22	2.54	38.82	2.59	40.86	2.64
		90	29.88	2.45	31.92	2.54	33.95	2.63	35.42	2.66	38.01	2.71	40.05	2.77
		95	29.03	2.56	31.05	2.65	33.07	2.75	**34.00**	**2.78**	37.12	2.83	39.14	2.89
		100	28.32	2.67	30.34	2.76	32.37	2.87	33.56	2.90	36.41	2.95	38.43	3.01
		105	27.61	2.78	29.64	2.88	31.66	2.98	33.12	3.02	35.70	3.07	37.73	3.13
		110	26.91	2.88	28.93	2.99	30.95	3.10	32.41	3.13	35.00	3.19	37.02	3.26
		115	26.20	2.99	28.22	3.10	30.24	3.22	31.71	3.25	34.29	3.31	36.31	3.38
		118	25.78	3.06	27.80	3.17	29.82	3.29	31.28	3.32	33.87	3.39	35.89	3.45
		122	25.63	3.15	27.66	3.26	29.68	3.38	31.14	3.42	33.72	3.48	35.75	3.55
	9 + 9 + 12 + 12	14	33.33	1.74	35.40	1.80	37.47	1.87	38.96	1.89	41.61	1.93	43.68	1.96
		20	33.30	1.76	35.37	1.83	37.44	1.90	38.94	1.92	41.58	1.95	43.65	1.99
		25	33.28	1.79	35.35	1.86	37.41	1.92	38.91	1.94	41.55	1.98	43.61	2.02
		30	33.25	1.81	35.32	1.88	37.38	1.95	38.88	1.97	41.51	2.01	43.58	2.05
		35	33.23	1.84	35.29	1.91	37.36	1.98	38.85	2.00	41.48	2.04	43.55	2.08
		40	33.20	1.86	35.27	1.93	37.33	2.00	38.82	2.03	41.45	2.06	43.51	2.11
		45	33.18	1.89	35.24	1.96	37.30	2.03	38.79	2.05	41.42	2.09	43.48	2.13
		50	33.15	1.91	35.21	1.98	37.27	2.06	38.76	2.08	41.39	2.12	43.45	2.16
		55	33.13	1.94	35.18	2.01	37.24	2.08	38.73	2.11	41.36	2.15	43.41	2.19
		60	33.10	1.96	35.16	2.04	37.21	2.11	38.70	2.14	41.32	2.18	43.38	2.22
		65	33.08	1.99	35.13	2.06	37.18	2.14	38.67	2.16	41.29	2.20	43.35	2.25
		70	33.05	2.01	35.10	2.09	37.16	2.16	38.64	2.19	41.26	2.23	43.31	2.28
		75	32.26	2.12	34.30	2.20	36.35	2.28	37.83	2.31	40.45	2.35	42.49	2.40
		80	31.46	2.23	33.50	2.31	35.54	2.40	37.02	2.43	39.63	2.47	41.67	2.52
		85	30.67	2.34	32.71	2.43	34.75	2.51	36.22	2.54	38.82	2.59	40.86	2.64
		90	29.88	2.45	31.92	2.54	33.95	2.63	35.42	2.66	38.01	2.71	40.05	2.77
		95	29.03	2.56	31.05	2.65	33.07	2.75	**34.00**	**2.78**	37.12	2.83	39.14	2.89
		100	28.32	2.67	30.34	2.76	32.37	2.87	33.56	2.90	36.41	2.95	38.43	3.01
		105	27.61	2.78	29.64	2.88	31.66	2.98	33.12	3.02	35.70	3.07	37.73	3.13
		110	26.91	2.88	28.93	2.99	30.95	3.10	32.41	3.13	35.00	3.19	37.02	3.26
		115	26.20	2.99	28.22	3.10	30.24	3.22	31.71	3.25	34.29	3.31	36.31	3.38
		118	25.78	3.06	27.80	3.17	29.82	3.29	31.28	3.32	33.87	3.39	35.89	3.45
		122	25.63	3.15	27.66	3.26	29.68	3.38	31.14	3.42	33.72	3.48	35.75	3.55

TC = Total Capacity (kBtu/h).

PI = Power Input (kW).

Nominal capacity as rated: 0 ft. above sea level with 25 ft. of refrigerant piping.
0 ft. level difference between outdoor and indoor units.

Nominal cooling capacity rating obtained with air entering the indoor unit at 80°F dry bulb (DB) and 67°F wet bulb (WB), and outdoor ambient conditions of 95°F dry bulb (DB) and 75°F wet bulb (WB).

The shaded table columns and rows indicate reference data. When operating at this temperature, these values can be different if the system is not running consistently.

Due to our policy of continuous product innovation, some specifications may change without notification.
©LG Electronics U.S.A., Inc., Englewood Cliffs, NJ. All rights reserved. "LG" is a registered trademark of LG Corp.

PERFORMANCE DATA

Cooling Capacity Tables

Table 73: LMU369HV Cooling Capacity Table — Mixed Indoor Units (continued).

Connected Indoor Units	Combination Capacity Index	Outdoor Air Temp. (°F DB)	Indoor Air Temp. °F DB / °F WB											
			68 / 57		73 / 61		77 / 64		80 / 67		86 / 72		90 / 75	
			TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
Four (4) Mixed Indoor Units	9 + 12 + 12 + 12	14	33.33	1.74	35.40	1.80	37.47	1.87	38.96	1.89	41.61	1.93	43.68	1.96
		20	33.30	1.76	35.37	1.83	37.44	1.90	38.94	1.92	41.58	1.95	43.65	1.99
		25	33.28	1.79	35.35	1.86	37.41	1.92	38.91	1.94	41.55	1.98	43.61	2.02
		30	33.25	1.81	35.32	1.88	37.38	1.95	38.88	1.97	41.51	2.01	43.58	2.05
		35	33.23	1.84	35.29	1.91	37.36	1.98	38.85	2.00	41.48	2.04	43.55	2.08
		40	33.20	1.86	35.27	1.93	37.33	2.00	38.82	2.03	41.45	2.06	43.51	2.11
		45	33.18	1.89	35.24	1.96	37.30	2.03	38.79	2.05	41.42	2.09	43.48	2.13
		50	33.15	1.91	35.21	1.98	37.27	2.06	38.76	2.08	41.39	2.12	43.45	2.16
		55	33.13	1.94	35.18	2.01	37.24	2.08	38.73	2.11	41.36	2.15	43.41	2.19
		60	33.10	1.96	35.16	2.04	37.21	2.11	38.70	2.14	41.32	2.18	43.38	2.22
		65	33.08	1.99	35.13	2.06	37.18	2.14	38.67	2.16	41.29	2.20	43.35	2.25
		70	33.05	2.01	35.10	2.09	37.16	2.16	38.64	2.19	41.26	2.23	43.31	2.28
		75	32.26	2.12	34.30	2.20	36.35	2.28	37.83	2.31	40.45	2.35	42.49	2.40
		80	31.46	2.23	33.50	2.31	35.54	2.40	37.02	2.43	39.63	2.47	41.67	2.52
		85	30.67	2.34	32.71	2.43	34.75	2.51	36.22	2.54	38.82	2.59	40.86	2.64
		90	29.88	2.45	31.92	2.54	33.95	2.63	35.42	2.66	38.01	2.71	40.05	2.77
		95	29.03	2.56	31.05	2.65	33.07	2.75	**34.00**	**2.78**	37.12	2.83	39.14	2.89
		100	28.32	2.67	30.34	2.76	32.37	2.87	33.56	2.90	36.41	2.95	38.43	3.01
		105	27.61	2.78	29.64	2.88	31.66	2.98	33.12	3.02	35.70	3.07	37.73	3.13
		110	26.91	2.88	28.93	2.99	30.95	3.10	32.41	3.13	35.00	3.19	37.02	3.26
		115	26.20	2.99	28.22	3.10	30.24	3.22	31.71	3.25	34.29	3.31	36.31	3.38
		118	25.78	3.06	27.80	3.17	29.82	3.29	31.28	3.32	33.87	3.39	35.89	3.45
		122	25.63	3.15	27.66	3.26	29.68	3.38	31.14	3.42	33.72	3.48	35.75	3.55
	9 + 9 + 9 + 18	14	33.33	1.74	35.40	1.80	37.47	1.87	38.96	1.89	41.61	1.93	43.68	1.96
		20	33.30	1.76	35.37	1.83	37.44	1.90	38.94	1.92	41.58	1.95	43.65	1.99
		25	33.28	1.79	35.35	1.86	37.41	1.92	38.91	1.94	41.55	1.98	43.61	2.02
		30	33.25	1.81	35.32	1.88	37.38	1.95	38.88	1.97	41.51	2.01	43.58	2.05
		35	33.23	1.84	35.29	1.91	37.36	1.98	38.85	2.00	41.48	2.04	43.55	2.08
		40	33.20	1.86	35.27	1.93	37.33	2.00	38.82	2.03	41.45	2.06	43.51	2.11
		45	33.18	1.89	35.24	1.96	37.30	2.03	38.79	2.05	41.42	2.09	43.48	2.13
		50	33.15	1.91	35.21	1.98	37.27	2.06	38.76	2.08	41.39	2.12	43.45	2.16
		55	33.13	1.94	35.18	2.01	37.24	2.08	38.73	2.11	41.36	2.15	43.41	2.19
		60	33.10	1.96	35.16	2.04	37.21	2.11	38.70	2.14	41.32	2.18	43.38	2.22
		65	33.08	1.99	35.13	2.06	37.18	2.14	38.67	2.16	41.29	2.20	43.35	2.25
		70	33.05	2.01	35.10	2.09	37.16	2.16	38.64	2.19	41.26	2.23	43.31	2.28
		75	32.26	2.12	34.30	2.20	36.35	2.28	37.83	2.31	40.45	2.35	42.49	2.40
		80	31.46	2.23	33.50	2.31	35.54	2.40	37.02	2.43	39.63	2.47	41.67	2.52
		85	30.67	2.34	32.71	2.43	34.75	2.51	36.22	2.54	38.82	2.59	40.86	2.64
		90	29.88	2.45	31.92	2.54	33.95	2.63	35.42	2.66	38.01	2.71	40.05	2.77
		95	29.03	2.56	31.05	2.65	33.07	2.75	**34.00**	**2.78**	37.12	2.83	39.14	2.89
		100	28.32	2.67	30.34	2.76	32.37	2.87	33.56	2.90	36.41	2.95	38.43	3.01
		105	27.61	2.78	29.64	2.88	31.66	2.98	33.12	3.02	35.70	3.07	37.73	3.13
		110	26.91	2.88	28.93	2.99	30.95	3.10	32.41	3.13	35.00	3.19	37.02	3.26
		115	26.20	2.99	28.22	3.10	30.24	3.22	31.71	3.25	34.29	3.31	36.31	3.38
		118	25.78	3.06	27.80	3.17	29.82	3.29	31.28	3.32	33.87	3.39	35.89	3.45
		122	25.63	3.15	27.66	3.26	29.68	3.38	31.14	3.42	33.72	3.48	35.75	3.55

TC = Total Capacity (kBtu/h).

PI = Power Input (kW).

Nominal capacity as rated: 0 ft. above sea level with 25 ft. of refrigerant piping.
0 ft. level difference between outdoor and indoor units.

Nominal cooling capacity rating obtained with air entering the indoor unit at 80ºF dry bulb (DB) and 67ºF wet bulb (WB), and outdoor ambient conditions of 95ºF dry bulb (DB) and 75ºF wet bulb (WB).

The shaded table columns and rows indicate reference data. When operating at this temperature, these values can be different if the system is not running consistently.

Due to our policy of continuous product innovation, some specifications may change without notification.
©LG Electronics U.S.A., Inc., Englewood Cliffs, NJ. All rights reserved. "LG" is a registered trademark of LG Corp.

Table 74: LMU369HV Cooling Capacity Table — Mixed Indoor Units (continued).

Connected Indoor Units	Combination Capacity Index	Outdoor Air Temp. (°F DB)	Indoor Air Temp. °F DB / °F WB											
			68 / 57		73 / 61		77 / 64		80 / 67		86 / 72		90 / 75	
			TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
Four (4) Mixed Indoor Units	9 + 9 + 12 + 18	14	33.33	1.74	35.40	1.80	37.47	1.87	38.96	1.89	41.61	1.93	43.68	1.96
		20	33.30	1.76	35.37	1.83	37.44	1.90	38.94	1.92	41.58	1.95	43.65	1.99
		25	33.28	1.79	35.35	1.86	37.41	1.92	38.91	1.94	41.55	1.98	43.61	2.02
		30	33.25	1.81	35.32	1.88	37.38	1.95	38.88	1.97	41.51	2.01	43.58	2.05
		35	33.23	1.84	35.29	1.91	37.36	1.98	38.85	2.00	41.48	2.04	43.55	2.08
		40	33.20	1.86	35.27	1.93	37.33	2.00	38.82	2.03	41.45	2.06	43.51	2.11
		45	33.18	1.89	35.24	1.96	37.30	2.03	38.79	2.05	41.42	2.09	43.48	2.13
		50	33.15	1.91	35.21	1.98	37.27	2.06	38.76	2.08	41.39	2.12	43.45	2.16
		55	33.13	1.94	35.18	2.01	37.24	2.08	38.73	2.11	41.36	2.15	43.41	2.19
		60	33.10	1.96	35.16	2.04	37.21	2.11	38.70	2.14	41.32	2.18	43.38	2.22
		65	33.08	1.99	35.13	2.06	37.18	2.14	38.67	2.16	41.29	2.20	43.35	2.25
		70	33.05	2.01	35.10	2.09	37.16	2.16	38.64	2.19	41.26	2.23	43.31	2.28
		75	32.26	2.12	34.30	2.20	36.35	2.28	37.83	2.31	40.45	2.35	42.49	2.40
		80	31.46	2.23	33.50	2.31	35.54	2.40	37.02	2.43	39.63	2.47	41.67	2.52
		85	30.67	2.34	32.71	2.43	34.75	2.51	36.22	2.54	38.82	2.59	40.86	2.64
		90	29.88	2.45	31.92	2.54	33.95	2.63	35.42	2.66	38.01	2.71	40.05	2.77
		95	29.03	2.56	31.05	2.65	33.07	2.75	**34.00**	**2.78**	37.12	2.83	39.14	2.89
		100	28.32	2.67	30.34	2.76	32.37	2.87	33.56	2.90	36.41	2.95	38.43	3.01
		105	27.61	2.78	29.64	2.88	31.66	2.98	33.12	3.02	35.70	3.07	37.73	3.13
		110	26.91	2.88	28.93	2.99	30.95	3.10	32.41	3.13	35.00	3.19	37.02	3.26
		115	26.20	2.99	28.22	3.10	30.24	3.22	31.71	3.25	34.29	3.31	36.31	3.38
		118	25.78	3.06	27.80	3.17	29.82	3.29	31.28	3.32	33.87	3.39	35.89	3.45
		122	25.63	3.15	27.66	3.26	29.68	3.38	31.14	3.42	33.72	3.48	35.75	3.55
	12 + 12 + 12 + 12	14	33.33	1.74	35.40	1.80	37.47	1.87	38.96	1.89	41.61	1.93	43.68	1.96
		20	33.30	1.76	35.37	1.83	37.44	1.90	38.94	1.92	41.58	1.95	43.65	1.99
		25	33.28	1.79	35.35	1.86	37.41	1.92	38.91	1.94	41.55	1.98	43.61	2.02
		30	33.25	1.81	35.32	1.88	37.38	1.95	38.88	1.97	41.51	2.01	43.58	2.05
		35	33.23	1.84	35.29	1.91	37.36	1.98	38.85	2.00	41.48	2.04	43.55	2.08
		40	33.20	1.86	35.27	1.93	37.33	2.00	38.82	2.03	41.45	2.06	43.51	2.11
		45	33.18	1.89	35.24	1.96	37.30	2.03	38.79	2.05	41.42	2.09	43.48	2.13
		50	33.15	1.91	35.21	1.98	37.27	2.06	38.76	2.08	41.39	2.12	43.45	2.16
		55	33.13	1.94	35.18	2.01	37.24	2.08	38.73	2.11	41.36	2.15	43.41	2.19
		60	33.10	1.96	35.16	2.04	37.21	2.11	38.70	2.14	41.32	2.18	43.38	2.22
		65	33.08	1.99	35.13	2.06	37.18	2.14	38.67	2.16	41.29	2.20	43.35	2.25
		70	33.05	2.01	35.10	2.09	37.16	2.16	38.64	2.19	41.26	2.23	43.31	2.28
		75	32.26	2.12	34.30	2.20	36.35	2.28	37.83	2.31	40.45	2.35	42.49	2.40
		80	31.46	2.23	33.50	2.31	35.54	2.40	37.02	2.43	39.63	2.47	41.67	2.52
		85	30.67	2.34	32.71	2.43	34.75	2.51	36.22	2.54	38.82	2.59	40.86	2.64
		90	29.88	2.45	31.92	2.54	33.95	2.63	35.42	2.66	38.01	2.71	40.05	2.77
		95	29.03	2.56	31.05	2.65	33.07	2.75	**34.00**	**2.78**	37.12	2.83	39.14	2.89
		100	28.32	2.67	30.34	2.76	32.37	2.87	33.56	2.90	36.41	2.95	38.43	3.01
		105	27.61	2.78	29.64	2.88	31.66	2.98	33.12	3.02	35.70	3.07	37.73	3.13
		110	26.91	2.88	28.93	2.99	30.95	3.10	32.41	3.13	35.00	3.19	37.02	3.26
		115	26.20	2.99	28.22	3.10	30.24	3.22	31.71	3.25	34.29	3.31	36.31	3.38
		118	25.78	3.06	27.80	3.17	29.82	3.29	31.28	3.32	33.87	3.39	35.89	3.45
		122	25.63	3.15	27.66	3.26	29.68	3.38	31.14	3.42	33.72	3.48	35.75	3.55

TC = Total Capacity (kBtu/h).

PI = Power Input (kW).

Nominal capacity as rated: 0 ft. above sea level with 25 ft. of refrigerant piping.
0 ft. level difference between outdoor and indoor units.

Nominal cooling capacity rating obtained with air entering the indoor unit at 80°F dry bulb (DB) and 67°F wet bulb (WB), and outdoor ambient conditions of 95°F dry bulb (DB) and 75°F wet bulb (WB).

The shaded table columns and rows indicate reference data. When operating at this temperature, these values can be different if the system is not running consistently.

Due to our policy of continuous product innovation, some specifications may change without notification.
©LG Electronics U.S.A., Inc., Englewood Cliffs, NJ. All rights reserved. "LG" is a registered trademark of LG Corp.

PERFORMANCE DATA

Heating Capacity Tables

Table 75: LMU187HV Heating Capacity Table — Non-Ducted Indoor Units.

Connected Indoor Units	Combination Capacity Index	Outdoor Air Temp.		Indoor Air Temp. °F DB											
		°F	°F	61		64		68		70		72		75	
		DB	WB	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
Two (2) Non-Ducted Indoor Units	9 + 9	0	-0.4	6.32	0.94	5.92	0.98	5.96	1.00	5.82	1.00	5.70	1.01	5.46	1.05
		5	4.5	8.22	0.96	7.82	1.00	7.72	1.02	7.55	1.03	7.42	1.04	7.12	1.07
		10	9	9.49	0.98	9.10	1.01	8.90	1.04	8.72	1.05	8.57	1.06	8.24	1.10
		17	15	10.88	1.00	10.50	1.03	10.20	1.06	**10.00**	**1.08**	9.84	1.09	9.46	1.13
		20	19	11.73	1.01	11.35	1.04	10.99	1.08	10.78	1.10	10.61	1.12	10.20	1.15
		25	23	13.14	1.04	12.75	1.07	12.30	1.11	12.07	1.13	11.88	1.15	11.44	1.18
		30	28	14.55	1.07	14.10	1.11	13.61	1.14	13.36	1.16	13.16	1.18	12.68	1.21
		35	32	15.96	1.10	15.45	1.14	14.93	1.17	14.66	1.20	14.44	1.22	13.92	1.25
		40	36	16.77	1.13	16.30	1.17	15.78	1.21	15.51	1.23	15.29	1.25	14.74	1.28
		45	41	17.79	1.17	17.37	1.21	16.85	1.25	16.57	1.27	16.35	1.29	15.76	1.33
		47	43	18.20	1.19	17.79	1.23	17.28	1.27	**17.00**	**1.29**	16.77	1.31	16.16	1.35
		50	46	18.25	1.18	17.88	1.22	17.44	1.25	17.19	1.27	16.99	1.29	16.41	1.32
		55	51	18.34	1.17	18.04	1.20	17.70	1.23	17.50	1.24	17.34	1.25	16.82	1.28
		60	56	18.43	1.16	18.19	1.18	17.97	1.20	17.81	1.21	17.69	1.22	17.24	1.24
		63	59	18.48	1.15	18.28	1.17	18.12	1.19	18.00	1.19	17.90	1.20	17.48	1.21
		68	64	18.54	1.14	18.37	1.16	18.28	1.17	18.19	1.17	18.11	1.18	17.73	1.19
	9 + 12	0	-0.4	6.32	0.94	5.92	0.98	5.96	1.00	5.82	1.00	5.70	1.01	5.46	1.05
		5	4.5	8.22	0.96	7.82	1.00	7.72	1.02	7.55	1.03	7.42	1.04	7.12	1.07
		10	9	9.49	0.98	9.10	1.01	8.90	1.04	8.72	1.05	8.57	1.06	8.24	1.10
		17	15	10.88	1.00	10.50	1.03	10.20	1.06	**10.00**	**1.08**	9.84	1.09	9.46	1.13
		20	19	11.73	1.01	11.35	1.04	10.99	1.08	10.78	1.10	10.61	1.12	10.20	1.15
		25	23	13.14	1.04	12.75	1.07	12.30	1.11	12.07	1.13	11.88	1.15	11.44	1.18
		30	28	14.55	1.07	14.10	1.11	13.61	1.14	13.36	1.16	13.16	1.18	12.68	1.21
		35	32	15.96	1.10	15.45	1.14	14.93	1.17	14.66	1.20	14.44	1.22	13.92	1.25
		40	36	16.77	1.13	16.30	1.17	15.78	1.21	15.51	1.23	15.29	1.25	14.74	1.28
		45	41	17.79	1.17	17.37	1.21	16.85	1.25	16.57	1.27	16.35	1.29	15.76	1.33
		47	43	18.20	1.19	17.79	1.23	17.28	1.27	**17.00**	**1.29**	16.77	1.31	16.16	1.35
		50	46	18.25	1.18	17.88	1.22	17.44	1.25	17.19	1.27	16.99	1.29	16.41	1.32
		55	51	18.34	1.17	18.04	1.20	17.70	1.23	17.50	1.24	17.34	1.25	16.82	1.28
		60	56	18.43	1.16	18.19	1.18	17.97	1.20	17.81	1.21	17.69	1.22	17.24	1.24
		63	59	18.48	1.15	18.28	1.17	18.12	1.19	18.00	1.19	17.90	1.20	17.48	1.21
		68	64	18.54	1.14	18.37	1.16	18.28	1.17	18.19	1.17	18.11	1.18	17.73	1.19
	12 + 12	0	-0.4	6.32	0.94	5.92	0.98	5.96	1.00	5.82	1.00	5.70	1.01	5.46	1.05
		5	4.5	8.22	0.96	7.82	1.00	7.72	1.02	7.55	1.03	7.42	1.04	7.12	1.07
		10	9	9.49	0.98	9.10	1.01	8.90	1.04	8.72	1.05	8.57	1.06	8.24	1.10
		17	15	10.88	1.00	10.50	1.03	10.20	1.06	**10.00**	**1.08**	9.84	1.09	9.46	1.13
		20	19	11.73	1.01	11.35	1.04	10.99	1.08	10.78	1.10	10.61	1.12	10.20	1.15
		25	23	13.14	1.04	12.75	1.07	12.30	1.11	12.07	1.13	11.88	1.15	11.44	1.18
		30	28	14.55	1.07	14.10	1.11	13.61	1.14	13.36	1.16	13.16	1.18	12.68	1.21
		35	32	15.96	1.10	15.45	1.14	14.93	1.17	14.66	1.20	14.44	1.22	13.92	1.25
		40	36	16.77	1.13	16.30	1.17	15.78	1.21	15.51	1.23	15.29	1.25	14.74	1.28
		45	41	17.79	1.17	17.37	1.21	16.85	1.25	16.57	1.27	16.35	1.29	15.76	1.33
		47	43	18.20	1.19	17.79	1.23	17.28	1.27	**17.00**	**1.29**	16.77	1.31	16.16	1.35
		50	46	18.25	1.18	17.88	1.22	17.44	1.25	17.19	1.27	16.99	1.29	16.41	1.32
		55	51	18.34	1.17	18.04	1.20	17.70	1.23	17.50	1.24	17.34	1.25	16.82	1.28
		60	56	18.43	1.16	18.19	1.18	17.97	1.20	17.81	1.21	17.69	1.22	17.24	1.24
		63	59	18.48	1.15	18.28	1.17	18.12	1.19	18.00	1.19	17.90	1.20	17.48	1.21
		68	64	18.54	1.14	18.37	1.16	18.28	1.17	18.19	1.17	18.11	1.18	17.73	1.19

TC = Total Capacity (kBtu/h).

PI = Power Input (kW).

Nominal capacity as rated: 0 ft. above sea level with 25 ft. of refrigerant piping.
0 ft. level difference between outdoor and indoor units.

Nominal heating capacity rating obtained with air entering the indoor unit at 70°F dry bulb (DB) and 60°F wet bulb (WB), and outdoor ambient conditions of 47°F dry bulb (DB) and 43°F wet bulb (WB).

Due to our policy of continuous product innovation, some specifications may change without notification.
©LG Electronics U.S.A., Inc., Englewood Cliffs, NJ. All rights reserved. "LG" is a registered trademark of LG Corp.

PERFORMANCE DATA

Heating Capacity Tables

Table 76: LMU187HV Heating Capacity Table — Ducted Indoor Units.

Connected Indoor Units	Combination Capacity Index	Outdoor Air Temp.		Indoor Air Temp. °F DB											
		°F	°F	61		64		68		70		72		75	
		DB	WB	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
Two (2) Ducted Indoor Units	9 + 9	0	-0.4	6.28	0.97	5.88	1.01	5.92	1.02	5.78	1.03	5.67	1.04	5.43	1.08
		5	4.5	8.15	0.99	7.76	1.02	7.66	1.04	7.49	1.05	7.36	1.06	7.06	1.10
		10	9	9.40	1.00	9.02	1.03	8.82	1.06	8.64	1.08	8.50	1.09	8.16	1.12
		17	15	10.77	1.02	10.40	1.05	10.10	1.09	**9.90**	**1.10**	9.74	1.12	9.37	1.15
		20	19	11.60	1.03	11.23	1.06	10.87	1.10	10.66	1.12	10.50	1.14	10.10	1.17
		25	23	12.99	1.06	12.61	1.09	12.17	1.13	11.94	1.15	11.75	1.17	11.31	1.20
		30	28	14.38	1.09	13.94	1.12	13.46	1.16	13.21	1.18	13.01	1.20	12.54	1.24
		35	32	15.77	1.12	15.27	1.16	14.75	1.19	14.49	1.22	14.27	1.24	13.76	1.27
		40	36	16.58	1.15	16.11	1.19	15.60	1.22	15.33	1.25	15.11	1.27	14.56	1.30
		45	41	17.58	1.19	17.16	1.23	16.66	1.27	16.38	1.29	16.16	1.31	15.57	1.35
		47	43	17.98	1.21	17.58	1.25	17.08	1.29	**16.80**	**1.31**	16.58	1.33	15.97	1.37
		50	46	18.04	1.20	17.67	1.24	17.23	1.27	16.99	1.29	16.79	1.31	16.22	1.34
		55	51	18.12	1.19	17.82	1.22	17.49	1.25	17.29	1.26	17.13	1.27	16.63	1.30
		60	56	18.21	1.17	17.98	1.20	17.75	1.22	17.60	1.23	17.48	1.24	17.03	1.26
		63	59	18.27	1.17	18.07	1.19	17.91	1.20	17.79	1.21	17.69	1.21	17.28	1.23
		68	64	18.32	1.16	18.16	1.17	18.07	1.19	17.97	1.19	17.90	1.19	17.53	1.20
	9 + 12	0	-0.4	6.28	0.97	5.88	1.01	5.92	1.02	5.78	1.03	5.67	1.04	5.43	1.08
		5	4.5	8.15	0.99	7.76	1.02	7.66	1.04	7.49	1.05	7.36	1.06	7.06	1.10
		10	9	9.40	1.00	9.02	1.03	8.82	1.06	8.64	1.08	8.50	1.09	8.16	1.12
		17	15	10.77	1.02	10.40	1.05	10.10	1.09	**9.90**	**1.10**	9.74	1.12	9.37	1.15
		20	19	11.60	1.03	11.23	1.06	10.87	1.10	10.66	1.12	10.50	1.14	10.10	1.17
		25	23	12.99	1.06	12.61	1.09	12.17	1.13	11.94	1.15	11.75	1.17	11.31	1.20
		30	28	14.38	1.09	13.94	1.12	13.46	1.16	13.21	1.18	13.01	1.20	12.54	1.24
		35	32	15.77	1.12	15.27	1.16	14.75	1.19	14.49	1.22	14.27	1.24	13.76	1.27
		40	36	16.58	1.15	16.11	1.19	15.60	1.22	15.33	1.25	15.11	1.27	14.56	1.30
		45	41	17.58	1.19	17.16	1.23	16.66	1.27	16.38	1.29	16.16	1.31	15.57	1.35
		47	43	17.98	1.21	17.58	1.25	17.08	1.29	**16.80**	**1.31**	16.58	1.33	15.97	1.37
		50	46	18.04	1.20	17.67	1.24	17.23	1.27	16.99	1.29	16.79	1.31	16.22	1.34
		55	51	18.12	1.19	17.82	1.22	17.49	1.25	17.29	1.26	17.13	1.27	16.63	1.30
		60	56	18.21	1.17	17.98	1.20	17.75	1.22	17.60	1.23	17.48	1.24	17.03	1.26
		63	59	18.27	1.17	18.07	1.19	17.91	1.20	17.79	1.21	17.69	1.21	17.28	1.23
		68	64	18.32	1.16	18.16	1.17	18.07	1.19	17.97	1.19	17.90	1.19	17.53	1.20
	12 + 12	0	-0.4	6.28	0.97	5.88	1.01	5.92	1.02	5.78	1.03	5.67	1.04	5.43	1.08
		5	4.5	8.15	0.99	7.76	1.02	7.66	1.04	7.49	1.05	7.36	1.06	7.06	1.10
		10	9	9.40	1.00	9.02	1.03	8.82	1.06	8.64	1.08	8.50	1.09	8.16	1.12
		17	15	10.77	1.02	10.40	1.05	10.10	1.09	**9.90**	**1.10**	9.74	1.12	9.37	1.15
		20	19	11.60	1.03	11.23	1.06	10.87	1.10	10.66	1.12	10.50	1.14	10.10	1.17
		25	23	12.99	1.06	12.61	1.09	12.17	1.13	11.94	1.15	11.75	1.17	11.31	1.20
		30	28	14.38	1.09	13.94	1.12	13.46	1.16	13.21	1.18	13.01	1.20	12.54	1.24
		35	32	15.77	1.12	15.27	1.16	14.75	1.19	14.49	1.22	14.27	1.24	13.76	1.27
		40	36	16.58	1.15	16.11	1.19	15.60	1.22	15.33	1.25	15.11	1.27	14.56	1.30
		45	41	17.58	1.19	17.16	1.23	16.66	1.27	16.38	1.29	16.16	1.31	15.57	1.35
		47	43	17.98	1.21	17.58	1.25	17.08	1.29	**16.80**	**1.31**	16.58	1.33	15.97	1.37
		50	46	18.04	1.20	17.67	1.24	17.23	1.27	16.99	1.29	16.79	1.31	16.22	1.34
		55	51	18.12	1.19	17.82	1.22	17.49	1.25	17.29	1.26	17.13	1.27	16.63	1.30
		60	56	18.21	1.17	17.98	1.20	17.75	1.22	17.60	1.23	17.48	1.24	17.03	1.26
		63	59	18.27	1.17	18.07	1.19	17.91	1.20	17.79	1.21	17.69	1.21	17.28	1.23
		68	64	18.32	1.16	18.16	1.17	18.07	1.19	17.97	1.19	17.90	1.19	17.53	1.20

TC = Total Capacity (kBtu/h).

PI = Power Input (kW).

Nominal capacity as rated: 0 ft. above sea level with 25 ft. of refrigerant piping.
0 ft. level difference between outdoor and indoor units.

Nominal heating capacity rating obtained with air entering the indoor unit at 70°F dry bulb (DB) and 60°F wet bulb (WB), and outdoor ambient conditions of 47°F dry bulb (DB) and 43°F wet bulb (WB).

Due to our policy of continuous product innovation, some specifications may change without notification.
©LG Electronics U.S.A., Inc., Englewood Cliffs, NJ. All rights reserved. "LG" is a registered trademark of LG Corp.

PERFORMANCE DATA

Heating Capacity Tables

Table 77: LMU187HV Heating Capacity Table — Mixed Indoor Units.

Connected Indoor Units	Combination Capacity Index	Outdoor Air Temp. °F DB	Outdoor Air Temp. °F WB	Indoor Air Temp. °F DB 61 TC	61 PI	64 TC	64 PI	68 TC	68 PI	70 TC	70 PI	72 TC	72 PI	75 TC	75 PI
Two (2) Mixed Indoor Units	9 + 9	0	-0.4	6.30	0.96	5.90	0.99	5.94	1.01	5.80	1.02	5.69	1.03	5.44	1.06
		5	4.5	8.18	0.97	7.79	1.01	7.69	1.03	7.52	1.04	7.39	1.05	7.09	1.09
		10	9	9.44	0.99	9.06	1.02	8.86	1.05	8.68	1.06	8.53	1.07	8.20	1.11
		17	15	10.83	1.01	10.45	1.04	10.15	1.07	**9.95**	**1.09**	9.79	1.11	9.41	1.14
		20	19	11.67	1.02	11.29	1.05	10.93	1.09	10.72	1.11	10.55	1.13	10.15	1.16
		25	23	13.06	1.05	12.68	1.08	12.24	1.12	12.00	1.14	11.82	1.16	11.37	1.19
		30	28	14.47	1.08	14.02	1.11	13.54	1.15	13.29	1.17	13.09	1.19	12.61	1.22
		35	32	15.87	1.11	15.36	1.15	14.84	1.18	14.57	1.21	14.36	1.23	13.84	1.26
		40	36	16.68	1.14	16.21	1.18	15.69	1.21	15.42	1.24	15.20	1.26	14.65	1.29
		45	41	17.69	1.18	17.26	1.22	16.75	1.26	16.48	1.28	16.25	1.30	15.66	1.34
		47	43	18.09	1.20	17.69	1.24	17.18	1.28	**16.90**	**1.30**	16.68	1.32	16.07	1.36
		50	46	18.14	1.19	17.78	1.23	17.34	1.26	17.09	1.28	16.89	1.30	16.32	1.33
		55	51	18.23	1.18	17.93	1.21	17.60	1.24	17.40	1.25	17.23	1.26	16.72	1.29
		60	56	18.32	1.17	18.08	1.19	17.86	1.21	17.71	1.22	17.58	1.23	17.13	1.25
		63	59	18.37	1.16	18.17	1.18	18.02	1.19	17.89	1.20	17.79	1.21	17.38	1.22
		68	64	18.43	1.15	18.27	1.17	18.17	1.18	18.08	1.18	18.01	1.19	17.63	1.19
	9 + 12	0	-0.4	6.30	0.96	5.90	0.99	5.94	1.01	5.80	1.02	5.69	1.03	5.44	1.06
		5	4.5	8.18	0.97	7.79	1.01	7.69	1.03	7.52	1.04	7.39	1.05	7.09	1.09
		10	9	9.44	0.99	9.06	1.02	8.86	1.05	8.68	1.06	8.53	1.07	8.20	1.11
		17	15	10.83	1.01	10.45	1.04	10.15	1.07	**9.95**	**1.09**	9.79	1.11	9.41	1.14
		20	19	11.67	1.02	11.29	1.05	10.93	1.09	10.72	1.11	10.55	1.13	10.15	1.16
		25	23	13.06	1.05	12.68	1.08	12.24	1.12	12.00	1.14	11.82	1.16	11.37	1.19
		30	28	14.47	1.08	14.02	1.11	13.54	1.15	13.29	1.17	13.09	1.19	12.61	1.22
		35	32	15.87	1.11	15.36	1.15	14.84	1.18	14.57	1.21	14.36	1.23	13.84	1.26
		40	36	16.68	1.14	16.21	1.18	15.69	1.21	15.42	1.24	15.20	1.26	14.65	1.29
		45	41	17.69	1.18	17.26	1.22	16.75	1.26	16.48	1.28	16.25	1.30	15.66	1.34
		47	43	18.09	1.20	17.69	1.24	17.18	1.28	**16.90**	**1.30**	16.68	1.32	16.07	1.36
		50	46	18.14	1.19	17.78	1.23	17.34	1.26	17.09	1.28	16.89	1.30	16.32	1.33
		55	51	18.23	1.18	17.93	1.21	17.60	1.24	17.40	1.25	17.23	1.26	16.72	1.29
		60	56	18.32	1.17	18.08	1.19	17.86	1.21	17.71	1.22	17.58	1.23	17.13	1.25
		63	59	18.37	1.16	18.17	1.18	18.02	1.19	17.89	1.20	17.79	1.21	17.38	1.22
		68	64	18.43	1.15	18.27	1.17	18.17	1.18	18.08	1.18	18.01	1.19	17.63	1.19
	12 + 12	0	-0.4	6.30	0.96	5.90	0.99	5.94	1.01	5.80	1.02	5.69	1.03	5.44	1.06
		5	4.5	8.18	0.97	7.79	1.01	7.69	1.03	7.52	1.04	7.39	1.05	7.09	1.09
		10	9	9.44	0.99	9.06	1.02	8.86	1.05	8.68	1.06	8.53	1.07	8.20	1.11
		17	15	10.83	1.01	10.45	1.04	10.15	1.07	**9.95**	**1.09**	9.79	1.11	9.41	1.14
		20	19	11.67	1.02	11.29	1.05	10.93	1.09	10.72	1.11	10.55	1.13	10.15	1.16
		25	23	13.06	1.05	12.68	1.08	12.24	1.12	12.00	1.14	11.82	1.16	11.37	1.19
		30	28	14.47	1.08	14.02	1.11	13.54	1.15	13.29	1.17	13.09	1.19	12.61	1.22
		35	32	15.87	1.11	15.36	1.15	14.84	1.18	14.57	1.21	14.36	1.23	13.84	1.26
		40	36	16.68	1.14	16.21	1.18	15.69	1.21	15.42	1.24	15.20	1.26	14.65	1.29
		45	41	17.69	1.18	17.26	1.22	16.75	1.26	16.48	1.28	16.25	1.30	15.66	1.34
		47	43	18.09	1.20	17.69	1.24	17.18	1.28	**16.90**	**1.30**	16.68	1.32	16.07	1.36
		50	46	18.14	1.19	17.78	1.23	17.34	1.26	17.09	1.28	16.89	1.30	16.32	1.33
		55	51	18.23	1.18	17.93	1.21	17.60	1.24	17.40	1.25	17.23	1.26	16.72	1.29
		60	56	18.32	1.17	18.08	1.19	17.86	1.21	17.71	1.22	17.58	1.23	17.13	1.25
		63	59	18.37	1.16	18.17	1.18	18.02	1.19	17.89	1.20	17.79	1.21	17.38	1.22
		68	64	18.43	1.15	18.27	1.17	18.17	1.18	18.08	1.18	18.01	1.19	17.63	1.19

TC = Total Capacity (kBtu/h).

PI = Power Input (kW).

Nominal capacity as rated: 0 ft. above sea level with 25 ft. of refrigerant piping.
0 ft. level difference between outdoor and indoor units.

Nominal heating capacity rating obtained with air entering the indoor unit at 70°F dry bulb (DB) and 60°F wet bulb (WB), and outdoor ambient conditions of 47°F dry bulb (DB) and 43°F wet bulb (WB).

Due to our policy of continuous product innovation, some specifications may change without notification.
©LG Electronics U.S.A., Inc., Englewood Cliffs, NJ. All rights reserved. "LG" is a registered trademark of LG Corp.

PERFORMANCE DATA

Heating Capacity Tables

Table 78: LMU247HV Heating Capacity Table — Non-Ducted Indoor Units.

Connected Indoor Units	Combination Capacity Index	Outdoor Air Temp.		Indoor Air Temp. °F DB											
		°F	°F	61		64		68		70		72		75	
		DB	WB	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
Two (2) Non-Ducted Indoor Units	9 + 9	0	-0.4	8.59	1.44	8.06	1.50	8.09	1.52	7.90	1.54	7.75	1.55	7.42	1.60
		5	4.5	10.64	1.47	10.13	1.52	9.99	1.55	9.78	1.57	9.61	1.58	9.22	1.64
		10	9	12.01	1.49	11.52	1.54	11.27	1.58	11.04	1.60	10.85	1.62	10.43	1.67
		17	15	13.51	1.52	13.04	1.57	12.67	1.62	**12.42**	**1.64**	12.22	1.66	11.75	1.71
		20	19	14.43	1.54	13.97	1.59	13.52	1.64	13.26	1.67	13.05	1.70	12.55	1.74
		25	23	15.95	1.58	15.48	1.62	14.94	1.68	14.66	1.72	14.43	1.74	13.89	1.79
		30	28	17.48	1.62	16.94	1.67	16.35	1.73	16.05	1.76	15.81	1.79	15.23	1.84
		35	32	19.00	1.66	18.40	1.72	17.77	1.77	17.45	1.81	17.20	1.84	16.57	1.89
		40	36	19.97	1.71	19.41	1.77	18.79	1.82	18.47	1.86	18.21	1.89	17.55	1.94
		45	41	21.18	1.77	20.68	1.83	20.07	1.89	19.73	1.92	19.47	1.95	18.76	2.01
		47	43	21.67	1.80	21.18	1.86	20.58	1.92	**20.24**	**1.95**	19.97	1.98	19.24	2.04
		50	46	21.73	1.79	21.29	1.84	20.76	1.89	20.46	1.92	20.22	1.94	19.54	2.00
		55	51	21.84	1.77	21.47	1.81	21.08	1.85	20.83	1.88	20.64	1.89	20.03	1.93
		60	56	21.94	1.75	21.66	1.78	21.39	1.82	21.21	1.83	21.06	1.84	20.52	1.87
		63	59	22.00	1.74	21.77	1.77	21.58	1.79	21.43	1.80	21.31	1.81	20.82	1.83
		68	64	22.07	1.73	21.88	1.75	21.77	1.77	21.65	1.77	21.57	1.78	21.11	1.79
	9 + 12	0	-0.4	9.76	1.61	9.16	1.67	9.19	1.70	8.98	1.71	8.81	1.72	8.43	1.78
		5	4.5	12.09	1.63	11.51	1.69	11.35	1.73	11.11	1.75	10.92	1.76	10.48	1.82
		10	9	13.64	1.66	13.09	1.71	12.80	1.76	12.54	1.78	12.33	1.80	11.85	1.86
		17	15	15.36	1.69	14.82	1.74	14.40	1.80	**14.11**	**1.83**	13.89	1.85	13.35	1.91
		20	19	16.40	1.71	15.87	1.76	15.36	1.83	15.07	1.86	14.83	1.89	14.27	1.94
		25	23	18.12	1.75	17.59	1.81	16.98	1.87	16.65	1.91	16.40	1.94	15.78	1.99
		30	28	19.86	1.80	19.25	1.86	18.58	1.92	18.24	1.96	17.97	2.00	17.31	2.05
		35	32	21.59	1.85	20.91	1.92	20.19	1.97	19.83	2.01	19.54	2.05	18.83	2.10
		40	36	22.69	1.91	22.06	1.97	21.35	2.03	20.98	2.07	20.69	2.10	19.94	2.16
		45	41	24.07	1.97	23.49	2.04	22.80	2.10	22.42	2.14	22.12	2.17	21.32	2.24
		47	43	24.62	2.00	24.07	2.07	23.38	2.13	**23.00**	**2.17**	22.69	2.20	21.87	2.27
		50	46	24.69	1.99	24.19	2.05	23.60	2.11	23.25	2.14	22.98	2.16	22.20	2.22
		55	51	24.81	1.97	24.40	2.02	23.95	2.06	23.68	2.09	23.46	2.11	22.76	2.15
		60	56	24.93	1.95	24.61	1.98	24.31	2.02	24.10	2.04	23.93	2.05	23.32	2.08
		63	59	25.01	1.93	24.73	1.96	24.52	1.99	24.35	2.00	24.22	2.01	23.65	2.04
		68	64	25.08	1.92	24.86	1.95	24.73	1.97	24.61	1.97	24.51	1.98	23.99	1.99
	12 + 12	0	-0.4	11.20	1.72	10.52	1.78	10.55	1.81	10.30	1.83	10.11	1.84	9.68	1.91
		5	4.5	13.87	1.75	13.22	1.81	13.03	1.85	12.75	1.87	12.53	1.89	12.03	1.95
		10	9	15.66	1.77	15.02	1.83	14.69	1.88	14.40	1.91	14.16	1.93	13.60	1.99
		17	15	17.63	1.81	17.01	1.87	16.52	1.92	**16.20**	**1.96**	15.94	1.98	15.33	2.04
		20	19	18.82	1.83	18.22	1.89	17.63	1.95	17.29	1.99	17.02	2.02	16.38	2.07
		25	23	20.80	1.88	20.19	1.93	19.49	2.00	19.12	2.04	18.82	2.08	18.11	2.13
		30	28	22.80	1.93	22.09	1.99	21.33	2.05	20.94	2.10	20.63	2.13	19.87	2.19
		35	32	24.79	1.98	24.00	2.05	23.18	2.10	22.76	2.15	22.43	2.19	21.62	2.25
		40	36	26.05	2.04	25.32	2.11	24.51	2.17	24.09	2.21	23.75	2.25	22.89	2.31
		45	41	27.63	2.11	26.97	2.18	26.17	2.25	25.74	2.29	25.39	2.32	24.47	2.39
		47	43	28.26	2.14	27.63	2.21	26.84	2.28	**26.40**	**2.32**	26.05	2.35	25.10	2.42
		50	46	28.34	2.13	27.77	2.19	27.08	2.25	26.69	2.29	26.38	2.31	25.49	2.38
		55	51	28.48	2.10	28.01	2.16	27.49	2.21	27.18	2.23	26.92	2.25	26.13	2.30
		60	56	28.62	2.08	28.25	2.12	27.90	2.16	27.66	2.18	27.47	2.19	26.77	2.22
		63	59	28.70	2.07	28.39	2.10	28.14	2.13	27.95	2.14	27.80	2.15	27.15	2.18
		68	64	28.79	2.05	28.53	2.08	28.39	2.10	28.25	2.11	28.13	2.11	27.54	2.13

TC = Total Capacity (kBtu/h).

PI = Power Input (kW).

Nominal capacity as rated: 0 ft. above sea level with 25 ft. of refrigerant piping.
0 ft. level difference between outdoor and indoor units.

Nominal heating capacity rating obtained with air entering the indoor unit at 70ºF dry bulb (DB) and 60ºF wet bulb (WB), and outdoor ambient conditions of 47ºF dry bulb (DB) and 43ºF wet bulb (WB).

Due to our policy of continuous product innovation, some specifications may change without notification.
©LG Electronics U.S.A., Inc., Englewood Cliffs, NJ. All rights reserved. "LG" is a registered trademark of LG Corp.

PERFORMANCE DATA

Heating Capacity Tables

Table 79: LMU247HV Heating Capacity Table — Non-Ducted Units (continued).

Connected Indoor Units	Combination Capacity Index	Outdoor Air Temp.		Indoor Air Temp. °F DB											
		°F	°F	61		64		68		70		72		75	
		DB	WB	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
Two (2) Non-Ducted Indoor Units	9 + 18	0	-0.4	11.20	1.72	10.52	1.78	10.55	1.81	10.30	1.83	10.11	1.84	9.68	1.91
		5	4.5	13.87	1.75	13.22	1.81	13.03	1.85	12.75	1.87	12.53	1.89	12.03	1.95
		10	9	15.66	1.77	15.02	1.83	14.69	1.88	14.40	1.91	14.16	1.93	13.60	1.99
		17	15	17.63	1.81	17.01	1.87	16.52	1.92	**16.20**	**1.96**	15.94	1.98	15.33	2.04
		20	19	18.82	1.83	18.22	1.89	17.63	1.95	17.29	1.99	17.02	2.02	16.38	2.07
		25	23	20.80	1.88	20.19	1.93	19.49	2.00	19.12	2.04	18.82	2.08	18.11	2.13
		30	28	22.80	1.93	22.09	1.99	21.33	2.05	20.94	2.10	20.63	2.13	19.87	2.19
		35	32	24.79	1.98	24.00	2.05	23.18	2.10	22.76	2.15	22.43	2.19	21.62	2.25
		40	36	26.05	2.04	25.32	2.11	24.51	2.17	24.09	2.21	23.75	2.25	22.89	2.31
		45	41	27.63	2.11	26.97	2.18	26.17	2.25	25.74	2.29	25.39	2.32	24.47	2.39
		47	43	28.26	2.14	27.63	2.21	26.84	2.28	**26.40**	**2.32**	26.05	2.35	25.10	2.42
		50	46	28.34	2.13	27.77	2.19	27.08	2.25	26.69	2.29	26.38	2.31	25.49	2.38
		55	51	28.48	2.10	28.01	2.16	27.49	2.21	27.18	2.23	26.92	2.25	26.13	2.30
		60	56	28.62	2.08	28.25	2.12	27.90	2.16	27.66	2.18	27.47	2.19	26.77	2.22
		63	59	28.70	2.07	28.39	2.10	28.14	2.13	27.95	2.14	27.80	2.15	27.15	2.18
		68	64	28.79	2.05	28.53	2.08	28.39	2.10	28.25	2.11	28.13	2.11	27.54	2.13
	12 + 18	0	-0.4	11.20	1.72	10.52	1.78	10.55	1.81	10.30	1.83	10.11	1.84	9.68	1.91
		5	4.5	13.87	1.75	13.22	1.81	13.03	1.85	12.75	1.87	12.53	1.89	12.03	1.95
		10	9	15.66	1.77	15.02	1.83	14.69	1.88	14.40	1.91	14.16	1.93	13.60	1.99
		17	15	17.63	1.81	17.01	1.87	16.52	1.92	**16.20**	**1.96**	15.94	1.98	15.33	2.04
		20	19	18.82	1.83	18.22	1.89	17.63	1.95	17.29	1.99	17.02	2.02	16.38	2.07
		25	23	20.80	1.88	20.19	1.93	19.49	2.00	19.12	2.04	18.82	2.08	18.11	2.13
		30	28	22.80	1.93	22.09	1.99	21.33	2.05	20.94	2.10	20.63	2.13	19.87	2.19
		35	32	24.79	1.98	24.00	2.05	23.18	2.10	22.76	2.15	22.43	2.19	21.62	2.25
		40	36	26.05	2.04	25.32	2.11	24.51	2.17	24.09	2.21	23.75	2.25	22.89	2.31
		45	41	27.63	2.11	26.97	2.18	26.17	2.25	25.74	2.29	25.39	2.32	24.47	2.39
		47	43	28.26	2.14	27.63	2.21	26.84	2.28	**26.40**	**2.32**	26.05	2.35	25.10	2.42
		50	46	28.34	2.13	27.77	2.19	27.08	2.25	26.69	2.29	26.38	2.31	25.49	2.38
		55	51	28.48	2.10	28.01	2.16	27.49	2.21	27.18	2.23	26.92	2.25	26.13	2.30
		60	56	28.62	2.08	28.25	2.12	27.90	2.16	27.66	2.18	27.47	2.19	26.77	2.22
		63	59	28.70	2.07	28.39	2.10	28.14	2.13	27.95	2.14	27.80	2.15	27.15	2.18
		68	64	28.79	2.05	28.53	2.08	28.39	2.10	28.25	2.11	28.13	2.11	27.54	2.13
Three (3) Non-Ducted Indoor Units	9 + 9 + 9	0	-0.4	11.20	1.64	10.52	1.70	10.55	1.73	10.30	1.74	10.11	1.75	9.68	1.82
		5	4.5	13.87	1.66	13.22	1.72	13.03	1.76	12.75	1.78	12.53	1.80	12.03	1.86
		10	9	15.66	1.69	15.02	1.75	14.69	1.79	14.40	1.82	14.16	1.84	13.60	1.89
		17	15	17.63	1.72	17.01	1.78	16.52	1.83	**16.20**	**1.86**	15.94	1.89	15.33	1.94
		20	19	18.82	1.74	18.22	1.80	17.63	1.86	17.29	1.89	17.02	1.92	16.38	1.97
		25	23	20.80	1.79	20.19	1.84	19.49	1.91	19.12	1.95	18.82	1.98	18.11	2.03
		30	28	22.80	1.84	22.09	1.90	21.33	1.96	20.94	2.00	20.63	2.03	19.87	2.08
		35	32	24.79	1.89	24.00	1.95	23.18	2.00	22.76	2.05	22.43	2.09	21.62	2.14
		40	36	26.05	1.94	25.32	2.01	24.51	2.07	24.09	2.11	23.75	2.14	22.89	2.20
		45	41	27.63	2.01	26.97	2.08	26.17	2.14	25.74	2.18	25.39	2.21	24.47	2.28
		47	43	28.26	2.04	27.63	2.11	26.84	2.17	**26.40**	**2.21**	26.05	2.24	25.10	2.31
		50	46	28.34	2.03	27.77	2.09	27.08	2.15	26.69	2.18	26.38	2.20	25.49	2.26
		55	51	28.48	2.00	28.01	2.05	27.49	2.10	27.18	2.13	26.92	2.14	26.13	2.19
		60	56	28.62	1.98	28.25	2.02	27.90	2.06	27.66	2.07	27.47	2.09	26.77	2.12
		63	59	28.70	1.97	28.39	2.00	28.14	2.03	27.95	2.04	27.80	2.05	27.15	2.07
		68	64	28.79	1.96	28.53	1.98	28.39	2.00	28.25	2.01	28.13	2.01	27.54	2.03

TC = Total Capacity (kBtu/h).

PI = Power Input (kW).

Nominal capacity as rated: 0 ft. above sea level with 25 ft. of refrigerant piping.
0 ft. level difference between outdoor and indoor units.

Nominal heating capacity rating obtained with air entering the indoor unit at 70°F dry bulb (DB) and 60°F wet bulb (WB), and outdoor ambient conditions of 47°F dry bulb (DB) and 43°F wet bulb (WB).

Due to our policy of continuous product innovation, some specifications may change without notification.
©LG Electronics U.S.A., Inc., Englewood Cliffs, NJ. All rights reserved. "LG" is a registered trademark of LG Corp.

PERFORMANCE DATA

Heating Capacity Tables

Table 80: LMU247HV Heating Capacity Table — Non-Ducted Indoor Units (continued) / Ducted Indoor Units.

Connected Indoor Units	Combination Capacity Index	Outdoor Air Temp.		Indoor Air Temp. °F DB											
		°F	°F	61		64		68		70		72		75	
		DB	WB	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
Three (3) Non-Ducted Indoor Units	9 + 9 + 12	0	-0.4	11.20	1.64	10.52	1.70	10.55	1.73	10.30	1.74	10.11	1.75	9.68	1.82
		5	4.5	13.87	1.66	13.22	1.72	13.03	1.76	12.75	1.78	12.53	1.80	12.03	1.86
		10	9	15.66	1.69	15.02	1.75	14.69	1.79	14.40	1.82	14.16	1.84	13.60	1.89
		17	15	17.63	1.72	17.01	1.78	16.52	1.83	**16.20**	**1.86**	15.94	1.89	15.33	1.94
		20	19	18.82	1.74	18.22	1.80	17.63	1.86	17.29	1.89	17.02	1.92	16.38	1.97
		25	23	20.80	1.79	20.19	1.84	19.49	1.91	19.12	1.95	18.82	1.98	18.11	2.03
		30	28	22.80	1.84	22.09	1.90	21.33	1.96	20.94	2.00	20.63	2.03	19.87	2.08
		35	32	24.79	1.89	24.00	1.95	23.18	2.00	22.76	2.05	22.43	2.09	21.62	2.14
		40	36	26.05	1.94	25.32	2.01	24.51	2.07	24.09	2.11	23.75	2.14	22.89	2.20
		45	41	27.63	2.01	26.97	2.08	26.17	2.14	25.74	2.18	25.39	2.21	24.47	2.28
		47	43	28.26	2.04	27.63	2.11	26.84	2.17	**26.40**	**2.21**	26.05	2.24	25.10	2.31
		50	46	28.34	2.03	27.77	2.09	27.08	2.15	26.69	2.18	26.38	2.20	25.49	2.26
		55	51	28.48	2.00	28.01	2.05	27.49	2.10	27.18	2.13	26.92	2.14	26.13	2.19
		60	56	28.62	1.98	28.25	2.02	27.90	2.06	27.66	2.07	27.47	2.09	26.77	2.12
		63	59	28.70	1.97	28.39	2.00	28.14	2.03	27.95	2.04	27.80	2.05	27.15	2.07
		68	64	28.79	1.96	28.53	1.98	28.39	2.00	28.25	2.01	28.13	2.01	27.54	2.03
	9 + 12 + 12	0	-0.4	11.20	1.64	10.52	1.70	10.55	1.73	10.30	1.74	10.11	1.75	9.68	1.82
		5	4.5	13.87	1.66	13.22	1.72	13.03	1.76	12.75	1.78	12.53	1.80	12.03	1.86
		10	9	15.66	1.69	15.02	1.75	14.69	1.79	14.40	1.82	14.16	1.84	13.60	1.89
		17	15	17.63	1.72	17.01	1.78	16.52	1.83	**16.20**	**1.86**	15.94	1.89	15.33	1.94
		20	19	18.82	1.74	18.22	1.80	17.63	1.86	17.29	1.89	17.02	1.92	16.38	1.97
		25	23	20.80	1.79	20.19	1.84	19.49	1.91	19.12	1.95	18.82	1.98	18.11	2.03
		30	28	22.80	1.84	22.09	1.90	21.33	1.96	20.94	2.00	20.63	2.03	19.87	2.08
		35	32	24.79	1.89	24.00	1.95	23.18	2.00	22.76	2.05	22.43	2.09	21.62	2.14
		40	36	26.05	1.94	25.32	2.01	24.51	2.07	24.09	2.11	23.75	2.14	22.89	2.20
		45	41	27.63	2.01	26.97	2.08	26.17	2.14	25.74	2.18	25.39	2.21	24.47	2.28
		47	43	28.26	2.04	27.63	2.11	26.84	2.17	**26.40**	**2.21**	26.05	2.24	25.10	2.31
		50	46	28.34	2.03	27.77	2.09	27.08	2.15	26.69	2.18	26.38	2.20	25.49	2.26
		55	51	28.48	2.00	28.01	2.05	27.49	2.10	27.18	2.13	26.92	2.14	26.13	2.19
		60	56	28.62	1.98	28.25	2.02	27.90	2.06	27.66	2.07	27.47	2.09	26.77	2.12
		63	59	28.70	1.97	28.39	2.00	28.14	2.03	27.95	2.04	27.80	2.05	27.15	2.07
		68	64	28.79	1.96	28.53	1.98	28.39	2.00	28.25	2.01	28.13	2.01	27.54	2.0
Two (2) Ducted Indoor Units	9 + 9	0	-0.4	9.00	1.46	8.45	1.52	8.47	1.54	8.27	1.56	8.12	1.57	7.77	1.62
		5	4.5	10.92	1.49	10.41	1.54	10.26	1.57	10.04	1.59	9.86	1.61	9.47	1.66
		10	9	12.21	1.51	11.71	1.56	11.45	1.60	11.22	1.62	11.03	1.64	10.60	1.69
		17	15	13.62	1.54	13.15	1.59	12.77	1.64	**12.52**	**1.66**	12.32	1.69	11.84	1.73
		20	19	14.48	1.56	14.02	1.60	13.57	1.66	13.31	1.69	13.10	1.72	12.60	1.76
		25	23	15.91	1.59	15.44	1.64	14.90	1.70	14.62	1.74	14.39	1.76	13.85	1.81
		30	28	17.34	1.64	16.81	1.69	16.23	1.74	15.93	1.78	15.69	1.81	15.12	1.86
		35	32	18.78	1.68	18.18	1.74	17.56	1.79	17.24	1.83	16.99	1.86	16.38	1.91
		40	36	19.73	1.73	19.18	1.79	18.57	1.84	18.25	1.88	17.99	1.91	17.34	1.96
		45	41	20.93	1.79	20.43	1.85	19.83	1.91	19.50	1.94	19.24	1.97	18.54	2.03
		47	43	21.41	1.82	20.93	1.88	20.33	1.94	**20.00**	**1.97**	19.73	2.00	19.02	2.06
		50	46	21.47	1.81	21.04	1.86	20.52	1.91	20.22	1.94	19.98	1.96	19.31	2.02
		55	51	21.58	1.79	21.22	1.83	20.83	1.87	20.59	1.89	20.40	1.91	19.79	1.95
		60	56	21.68	1.77	21.40	1.80	21.14	1.83	20.95	1.85	20.81	1.86	20.28	1.89
		63	59	21.74	1.76	21.51	1.78	21.32	1.81	21.18	1.82	21.06	1.83	20.57	1.85
		68	64	21.81	1.74	21.62	1.77	21.51	1.79	21.40	1.79	21.31	1.80	20.86	1.81

TC = Total Capacity (kBtu/h).

PI = Power Input (kW).

Nominal capacity as rated: 0 ft. above sea level with 25 ft. of refrigerant piping.
0 ft. level difference between outdoor and indoor units.

Nominal heating capacity rating obtained with air entering the indoor unit at 70ºF dry bulb (DB) and 60ºF wet bulb (WB), and outdoor ambient conditions of 47ºF dry bulb (DB) and 43ºF wet bulb (WB).

Due to our policy of continuous product innovation, some specifications may change without notification.
©LG Electronics U.S.A., Inc., Englewood Cliffs, NJ. All rights reserved. "LG" is a registered trademark of LG Corp.

PERFORMANCE DATA

Heating Capacity Tables

Table 81: LMU247HV Heating Capacity Table — Ducted Indoor Units (continued).

Connected Indoor Units	Combination Capacity Index	Outdoor Air Temp.		Indoor Air Temp. °F DB											
		°F	°F	61		64		68		70		72		75	
		DB	WB	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
Two (2) Ducted Indoor Units	9 + 12	0	-0.4	10.25	1.66	9.64	1.72	9.65	1.75	9.43	1.76	9.25	1.78	8.86	1.84
		5	4.5	12.45	1.68	11.86	1.74	11.69	1.78	11.44	1.80	11.24	1.82	10.79	1.88
		10	9	13.91	1.71	13.35	1.77	13.06	1.81	12.79	1.84	12.58	1.86	12.08	1.92
		17	15	15.53	1.74	14.99	1.80	14.56	1.85	**14.27**	**1.88**	14.04	1.91	13.50	1.96
		20	19	16.51	1.76	15.98	1.82	15.47	1.88	15.17	1.91	14.93	1.94	14.36	2.00
		25	23	18.14	1.80	17.60	1.86	16.99	1.93	16.67	1.97	16.41	2.00	15.79	2.05
		30	28	19.77	1.85	19.16	1.92	18.50	1.97	18.16	2.02	17.89	2.05	17.23	2.10
		35	32	21.41	1.90	20.72	1.97	20.02	2.02	19.66	2.07	19.37	2.11	18.67	2.16
		40	36	22.50	1.96	21.86	2.03	21.17	2.08	20.80	2.13	20.51	2.16	19.76	2.22
		45	41	23.86	2.03	23.29	2.10	22.60	2.16	22.23	2.20	21.93	2.23	21.13	2.30
		47	43	24.41	2.06	23.86	2.12	23.18	2.19	**22.80**	**2.23**	22.50	2.26	21.68	2.33
		50	46	24.48	2.04	23.98	2.10	23.39	2.17	23.05	2.20	22.78	2.22	22.01	2.28
		55	51	24.60	2.02	24.19	2.07	23.74	2.12	23.47	2.14	23.25	2.16	22.56	2.21
		60	56	24.72	2.00	24.39	2.04	24.09	2.08	23.89	2.09	23.72	2.10	23.12	2.14
		63	59	24.79	1.99	24.52	2.02	24.31	2.05	24.14	2.06	24.01	2.07	23.45	2.09
		68	64	24.86	1.97	24.64	2.00	24.52	2.02	24.39	2.03	24.29	2.03	23.79	2.05
	12 + 12	0	-0.4	11.78	1.75	11.08	1.82	11.09	1.85	10.84	1.87	10.63	1.88	10.18	1.95
		5	4.5	14.30	1.78	13.63	1.85	13.44	1.89	13.15	1.91	12.92	1.92	12.40	1.99
		10	9	15.99	1.81	15.34	1.87	15.00	1.92	14.70	1.94	14.45	1.97	13.88	2.03
		17	15	17.84	1.84	17.22	1.90	16.73	1.96	**16.40**	**1.99**	16.14	2.02	15.52	2.08
		20	19	18.97	1.87	18.36	1.92	17.77	1.99	17.43	2.03	17.16	2.06	16.51	2.11
		25	23	20.84	1.91	20.22	1.97	19.52	2.04	19.15	2.08	18.86	2.11	18.15	2.17
		30	28	22.72	1.96	22.02	2.03	21.26	2.09	20.87	2.14	20.56	2.17	19.80	2.23
		35	32	24.60	2.01	23.82	2.09	23.00	2.14	22.59	2.19	22.26	2.23	21.46	2.28
		40	36	25.85	2.07	25.13	2.15	24.32	2.21	23.90	2.25	23.57	2.29	22.71	2.35
		45	41	27.42	2.15	26.76	2.22	25.98	2.29	25.54	2.33	25.20	2.36	24.28	2.43
		47	43	28.05	2.18	27.42	2.25	26.64	2.32	**26.20**	**2.36**	25.85	2.39	24.91	2.46
		50	46	28.13	2.16	27.56	2.23	26.88	2.29	26.49	2.33	26.18	2.35	25.29	2.42
		55	51	28.27	2.14	27.80	2.19	27.28	2.24	26.97	2.27	26.72	2.29	25.93	2.34
		60	56	28.40	2.12	28.03	2.16	27.69	2.20	27.45	2.21	27.26	2.23	26.56	2.26
		63	59	28.48	2.10	28.17	2.14	27.93	2.17	27.74	2.18	27.59	2.19	26.95	2.21
		68	64	28.57	2.09	28.32	2.12	28.18	2.14	28.03	2.15	27.92	2.15	27.33	2.17
	9 + 18	0	-0.4	11.78	1.75	11.08	1.82	11.09	1.85	10.84	1.87	10.63	1.88	10.18	1.95
		5	4.5	14.30	1.78	13.63	1.85	13.44	1.89	13.15	1.91	12.92	1.92	12.40	1.99
		10	9	15.99	1.81	15.34	1.87	15.00	1.92	14.70	1.94	14.45	1.97	13.88	2.03
		17	15	17.84	1.84	17.22	1.90	16.73	1.96	**16.40**	**1.99**	16.14	2.02	15.52	2.08
		20	19	18.97	1.87	18.36	1.92	17.77	1.99	17.43	2.03	17.16	2.06	16.51	2.11
		25	23	20.84	1.91	20.22	1.97	19.52	2.04	19.15	2.08	18.86	2.11	18.15	2.17
		30	28	22.72	1.96	22.02	2.03	21.26	2.09	20.87	2.14	20.56	2.17	19.80	2.23
		35	32	24.60	2.01	23.82	2.09	23.00	2.14	22.59	2.19	22.26	2.23	21.46	2.28
		40	36	25.85	2.07	25.13	2.15	24.32	2.21	23.90	2.25	23.57	2.29	22.71	2.35
		45	41	27.42	2.15	26.76	2.22	25.98	2.29	25.54	2.33	25.20	2.36	24.28	2.43
		47	43	28.05	2.18	27.42	2.25	26.64	2.32	**26.20**	**2.36**	25.85	2.39	24.91	2.46
		50	46	28.13	2.16	27.56	2.23	26.88	2.29	26.49	2.33	26.18	2.35	25.29	2.42
		55	51	28.27	2.14	27.80	2.19	27.28	2.24	26.97	2.27	26.72	2.29	25.93	2.34
		60	56	28.40	2.12	28.03	2.16	27.69	2.20	27.45	2.21	27.26	2.23	26.56	2.26
		63	59	28.48	2.10	28.17	2.14	27.93	2.17	27.74	2.18	27.59	2.19	26.95	2.21
		68	64	28.57	2.09	28.32	2.12	28.18	2.14	28.03	2.15	27.92	2.15	27.33	2.17

TC = Total Capacity (kBtu/h).

PI = Power Input (kW).

Nominal capacity as rated: 0 ft. above sea level with 25 ft. of refrigerant piping.
0 ft. level difference between outdoor and indoor units.

Nominal heating capacity rating obtained with air entering the indoor unit at 70°F dry bulb (DB) and 60°F wet bulb (WB), and outdoor ambient conditions of 47°F dry bulb (DB) and 43°F wet bulb (WB).

Due to our policy of continuous product innovation, some specifications may change without notification.
©LG Electronics U.S.A., Inc., Englewood Cliffs, NJ. All rights reserved. "LG" is a registered trademark of LG Corp.

Table 82: LMU247HV Heating Capacity Table — Ducted Indoor Units (continued).

Connected Indoor Units	Combination Capacity Index	Outdoor Air Temp.		Indoor Air Temp. °F DB											
		°F	°F	61		64		68		70		72		75	
		DB	WB	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
Two (2) Ducted Indoor Units	12 + 18	0	-0.4	11.78	1.75	11.08	1.82	11.09	1.85	10.84	1.87	10.63	1.88	10.18	1.95
		5	4.5	14.30	1.78	13.63	1.85	13.44	1.89	13.15	1.91	12.92	1.92	12.40	1.99
		10	9	15.99	1.81	15.34	1.87	15.00	1.92	14.70	1.94	14.45	1.97	13.88	2.03
		17	15	17.84	1.84	17.22	1.90	16.73	1.96	**16.40**	**1.99**	16.14	2.02	15.52	2.08
		20	19	18.97	1.87	18.36	1.92	17.77	1.99	17.43	2.03	17.16	2.06	16.51	2.11
		25	23	20.84	1.91	20.22	1.97	19.52	2.04	19.15	2.08	18.86	2.11	18.15	2.17
		30	28	22.72	1.96	22.02	2.03	21.26	2.09	20.87	2.14	20.56	2.17	19.80	2.23
		35	32	24.60	2.01	23.82	2.09	23.00	2.14	22.59	2.19	22.26	2.23	21.46	2.28
		40	36	25.85	2.07	25.13	2.15	24.32	2.21	23.90	2.25	23.57	2.29	22.71	2.35
		45	41	27.42	2.15	26.76	2.22	25.98	2.29	25.54	2.33	25.20	2.36	24.28	2.43
		47	43	28.05	2.18	27.42	2.25	26.64	2.32	**26.20**	**2.36**	25.85	2.39	24.91	2.46
		50	46	28.13	2.16	27.56	2.23	26.88	2.29	26.49	2.33	26.18	2.35	25.29	2.42
		55	51	28.27	2.14	27.80	2.19	27.28	2.24	26.97	2.27	26.72	2.29	25.93	2.34
		60	56	28.40	2.12	28.03	2.16	27.69	2.20	27.45	2.21	27.26	2.23	26.56	2.26
		63	59	28.48	2.10	28.17	2.14	27.93	2.17	27.74	2.18	27.59	2.19	26.95	2.21
		68	64	28.57	2.09	28.32	2.12	28.18	2.14	28.03	2.15	27.92	2.15	27.33	2.17
Three (3) Ducted Indoor Units	9 + 9 + 9	0	-0.4	11.78	1.66	11.08	1.72	11.09	1.75	10.84	1.76	10.63	1.78	10.18	1.84
		5	4.5	14.30	1.68	13.63	1.74	13.44	1.78	13.15	1.80	12.92	1.82	12.40	1.88
		10	9	15.99	1.71	15.34	1.77	15.00	1.81	14.70	1.84	14.45	1.86	13.88	1.92
		17	15	17.84	1.74	17.22	1.80	16.73	1.85	**16.40**	**1.88**	16.14	1.91	15.52	1.96
		20	19	18.97	1.76	18.36	1.82	17.77	1.88	17.43	1.91	17.16	1.94	16.51	2.00
		25	23	20.84	1.80	20.22	1.86	19.52	1.93	19.15	1.97	18.86	2.00	18.15	2.05
		30	28	22.72	1.85	22.02	1.92	21.26	1.97	20.87	2.02	20.56	2.05	19.80	2.10
		35	32	24.60	1.90	23.82	1.97	23.00	2.02	22.59	2.07	22.26	2.11	21.46	2.16
		40	36	25.85	1.96	25.13	2.03	24.32	2.08	23.90	2.13	23.57	2.16	22.71	2.22
		45	41	27.42	2.03	26.76	2.10	25.98	2.16	25.54	2.20	25.20	2.23	24.28	2.30
		47	43	28.05	2.06	27.42	2.12	26.64	2.19	**26.20**	**2.23**	25.85	2.26	24.91	2.33
		50	46	28.13	2.04	27.56	2.10	26.88	2.17	26.49	2.20	26.18	2.22	25.29	2.28
		55	51	28.27	2.02	27.80	2.07	27.28	2.12	26.97	2.14	26.72	2.16	25.93	2.21
		60	56	28.40	2.00	28.03	2.04	27.69	2.08	27.45	2.09	27.26	2.10	26.56	2.14
		63	59	28.48	1.99	28.17	2.02	27.93	2.05	27.74	2.06	27.59	2.07	26.95	2.09
		68	64	28.57	1.97	28.32	2.00	28.18	2.02	28.03	2.03	27.92	2.03	27.33	2.05
	9 + 9 + 12	0	-0.4	11.78	1.66	11.08	1.72	11.09	1.75	10.84	1.76	10.63	1.78	10.18	1.84
		5	4.5	14.30	1.68	13.63	1.74	13.44	1.78	13.15	1.80	12.92	1.82	12.40	1.88
		10	9	15.99	1.71	15.34	1.77	15.00	1.81	14.70	1.84	14.45	1.86	13.88	1.92
		17	15	17.84	1.74	17.22	1.80	16.73	1.85	**16.40**	**1.88**	16.14	1.91	15.52	1.96
		20	19	18.97	1.76	18.36	1.82	17.77	1.88	17.43	1.91	17.16	1.94	16.51	2.00
		25	23	20.84	1.80	20.22	1.86	19.52	1.93	19.15	1.97	18.86	2.00	18.15	2.05
		30	28	22.72	1.85	22.02	1.92	21.26	1.97	20.87	2.02	20.56	2.05	19.80	2.10
		35	32	24.60	1.90	23.82	1.97	23.00	2.02	22.59	2.07	22.26	2.11	21.46	2.16
		40	36	25.85	1.96	25.13	2.03	24.32	2.08	23.90	2.13	23.57	2.16	22.71	2.22
		45	41	27.42	2.03	26.76	2.10	25.98	2.16	25.54	2.20	25.20	2.23	24.28	2.30
		47	43	28.05	2.06	27.42	2.12	26.64	2.19	**26.20**	**2.23**	25.85	2.26	24.91	2.33
		50	46	28.13	2.04	27.56	2.10	26.88	2.17	26.49	2.20	26.18	2.22	25.29	2.28
		55	51	28.27	2.02	27.80	2.07	27.28	2.12	26.97	2.14	26.72	2.16	25.93	2.21
		60	56	28.40	2.00	28.03	2.04	27.69	2.08	27.45	2.09	27.26	2.10	26.56	2.14
		63	59	28.48	1.99	28.17	2.02	27.93	2.05	27.74	2.06	27.59	2.07	26.95	2.09
		68	64	28.57	1.97	28.32	2.00	28.18	2.02	28.03	2.03	27.92	2.03	27.33	2.05

TC = Total Capacity (kBtu/h).

PI = Power Input (kW).

Nominal capacity as rated: 0 ft. above sea level with 25 ft. of refrigerant piping.
0 ft. level difference between outdoor and indoor units.

Nominal heating capacity rating obtained with air entering the indoor unit at 70°F dry bulb (DB) and 60°F wet bulb (WB), and outdoor ambient conditions of 47°F dry bulb (DB) and 43°F wet bulb (WB).

Due to our policy of continuous product innovation, some specifications may change without notification.
©LG Electronics U.S.A., Inc., Englewood Cliffs, NJ. All rights reserved. "LG" is a registered trademark of LG Corp.

PERFORMANCE DATA

Heating Capacity Tables

Table 83: LMU247HV Heating Capacity Table — Ducted Indoor Units (continued) / Mixed Indoor Units.

Connected Indoor Units	Combination Capacity Index	Outdoor Air Temp.		Indoor Air Temp. °F DB											
		°F	°F	61		64		68		70		72		75	
		DB	WB	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
Three (3) Ducted Indoor Units	9 + 12 + 12	0	-0.4	11.78	1.66	11.08	1.72	11.09	1.75	10.84	1.76	10.63	1.78	10.18	1.84
		5	4.5	14.30	1.68	13.63	1.74	13.44	1.78	13.15	1.80	12.92	1.82	12.40	1.88
		10	9	15.99	1.71	15.34	1.77	15.00	1.81	14.70	1.84	14.45	1.86	13.88	1.92
		17	15	17.84	1.74	17.22	1.80	16.73	1.85	**16.40**	**1.88**	16.14	1.91	15.52	1.96
		20	19	18.97	1.76	18.36	1.82	17.77	1.88	17.43	1.91	17.16	1.94	16.51	2.00
		25	23	20.84	1.80	20.22	1.86	19.52	1.93	19.15	1.97	18.86	2.00	18.15	2.05
		30	28	22.72	1.85	22.02	1.92	21.26	1.97	20.87	2.02	20.56	2.05	19.80	2.10
		35	32	24.60	1.90	23.82	1.97	23.00	2.02	22.59	2.07	22.26	2.11	21.46	2.16
		40	36	25.85	1.96	25.13	2.03	24.32	2.08	23.90	2.13	23.57	2.16	22.71	2.22
		45	41	27.42	2.03	26.76	2.10	25.98	2.16	25.54	2.20	25.20	2.23	24.28	2.30
		47	43	28.05	2.06	27.42	2.12	26.64	2.19	**26.20**	**2.23**	25.85	2.26	24.91	2.33
		50	46	28.13	2.04	27.56	2.10	26.88	2.17	26.49	2.20	26.18	2.22	25.29	2.28
		55	51	28.27	2.02	27.80	2.07	27.28	2.12	26.97	2.14	26.72	2.16	25.93	2.21
		60	56	28.40	2.00	28.03	2.04	27.69	2.08	27.45	2.09	27.26	2.10	26.56	2.14
		63	59	28.48	1.99	28.17	2.02	27.93	2.05	27.74	2.06	27.59	2.07	26.95	2.09
		68	64	28.57	1.97	28.32	2.00	28.18	2.02	28.03	2.03	27.92	2.03	27.33	2.05
Two (2) Mixed Indoor Units	9 + 9	0	-0.4	8.79	1.45	8.26	1.51	8.28	1.53	8.09	1.55	7.93	1.56	7.60	1.61
		5	4.5	10.78	1.48	10.27	1.53	10.12	1.56	9.91	1.58	9.74	1.60	9.34	1.65
		10	9	12.11	1.50	11.62	1.55	11.36	1.59	11.13	1.61	10.94	1.63	10.51	1.68
		17	15	13.57	1.53	13.10	1.58	12.72	1.63	**12.47**	**1.65**	12.27	1.67	11.80	1.72
		20	19	14.45	1.55	13.99	1.60	13.54	1.65	13.28	1.68	13.07	1.71	12.58	1.75
		25	23	15.93	1.58	15.46	1.63	14.92	1.69	14.64	1.73	14.41	1.75	13.87	1.80
		30	28	17.41	1.63	16.87	1.68	16.29	1.73	15.99	1.77	15.75	1.80	15.17	1.85
		35	32	18.89	1.67	18.29	1.73	17.67	1.78	17.35	1.82	17.09	1.85	16.48	1.90
		40	36	19.85	1.72	19.29	1.78	18.68	1.83	18.36	1.87	18.10	1.90	17.44	1.95
		45	41	21.06	1.78	20.55	1.84	19.95	1.90	19.62	1.93	19.35	1.96	18.65	2.02
		47	43	21.54	1.81	21.06	1.87	20.45	1.93	**20.12**	**1.96**	19.85	1.99	19.13	2.05
		50	46	21.60	1.80	21.16	1.85	20.64	1.90	20.34	1.93	20.10	1.95	19.42	2.01
		55	51	21.71	1.78	21.35	1.82	20.95	1.86	20.71	1.89	20.52	1.90	19.91	1.94
		60	56	21.81	1.76	21.53	1.79	21.26	1.82	21.08	1.84	20.94	1.85	20.40	1.88
		63	59	21.87	1.75	21.64	1.77	21.45	1.80	21.30	1.81	21.18	1.82	20.69	1.84
		68	64	21.94	1.74	21.75	1.76	21.64	1.78	21.53	1.78	21.44	1.79	20.99	1.80
	9 + 12	0	-0.4	10.01	1.63	9.40	1.69	9.42	1.72	9.20	1.74	9.03	1.75	8.65	1.81
		5	4.5	12.27	1.66	11.69	1.72	11.52	1.75	11.28	1.77	11.08	1.79	10.63	1.85
		10	9	13.78	1.68	13.22	1.74	12.93	1.78	12.67	1.81	12.46	1.83	11.96	1.89
		17	15	15.44	1.72	14.91	1.77	14.48	1.83	**14.19**	**1.86**	13.97	1.88	13.43	1.93
		20	19	16.45	1.74	15.93	1.79	15.41	1.85	15.12	1.89	14.88	1.91	14.32	1.97
		25	23	18.13	1.78	17.59	1.83	16.98	1.90	16.66	1.94	16.40	1.97	15.79	2.02
		30	28	19.82	1.83	19.20	1.89	18.54	1.95	18.20	1.99	17.93	2.02	17.27	2.08
		35	32	21.50	1.88	20.82	1.94	20.11	2.00	19.75	2.04	19.46	2.08	18.75	2.13
		40	36	22.60	1.93	21.96	2.00	21.26	2.06	20.89	2.10	20.60	2.13	19.85	2.19
		45	41	23.97	2.00	23.39	2.07	22.70	2.13	22.33	2.17	22.02	2.20	21.22	2.27
		47	43	24.51	2.03	23.97	2.10	23.28	2.16	**22.90**	**2.20**	22.60	2.23	21.77	2.30
		50	46	24.58	2.02	24.09	2.08	23.49	2.14	23.15	2.17	22.88	2.19	22.11	2.25
		55	51	24.70	1.99	24.30	2.04	23.85	2.09	23.57	2.12	23.35	2.14	22.66	2.18
		60	56	24.82	1.97	24.50	2.01	24.20	2.05	23.99	2.06	23.83	2.08	23.22	2.11
		63	59	24.90	1.96	24.63	1.99	24.41	2.02	24.25	2.03	24.11	2.04	23.55	2.06
		68	64	24.97	1.95	24.75	1.97	24.63	2.00	24.50	2.00	24.40	2.01	23.89	2.02

TC = Total Capacity (kBtu/h).

PI = Power Input (kW).

Nominal capacity as rated: 0 ft. above sea level with 25 ft. of refrigerant piping.
0 ft. level difference between outdoor and indoor units.

Nominal heating capacity rating obtained with air entering the indoor unit at 70°F dry bulb (DB) and 60°F wet bulb (WB), and outdoor ambient conditions of 47°F dry bulb (DB) and 43°F wet bulb (WB).

Due to our policy of continuous product innovation, some specifications may change without notification.
©LG Electronics U.S.A., Inc., Englewood Cliffs, NJ. All rights reserved. "LG" is a registered trademark of LG Corp.

Table 84: LMU247HV Heating Capacity Table — Mixed Indoor Units (continued).

Connected Indoor Units	Combination Capacity Index	Outdoor Air Temp.		Indoor Air Temp. °F DB											
		°F	°F	61		64		68		70		72		75	
		DB	WB	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
Two (2) Mixed Indoor Units	12 + 12	0	-0.4	11.49	1.74	10.80	1.80	10.82	1.83	10.57	1.85	10.37	1.86	9.93	1.93
		5	4.5	14.09	1.76	13.42	1.83	13.23	1.87	12.95	1.89	12.73	1.90	12.21	1.97
		10	9	15.82	1.79	15.18	1.85	14.85	1.90	14.55	1.92	14.30	1.95	13.74	2.01
		17	15	17.74	1.82	17.12	1.88	16.63	1.94	**16.30**	**1.97**	16.04	2.00	15.42	2.06
		20	19	18.89	1.85	18.29	1.90	17.70	1.97	17.36	2.01	17.09	2.04	16.44	2.09
		25	23	20.82	1.89	20.21	1.95	19.50	2.02	19.13	2.06	18.84	2.09	18.13	2.15
		30	28	22.76	1.95	22.05	2.01	21.30	2.07	20.91	2.12	20.59	2.15	19.84	2.21
		35	32	24.69	2.00	23.91	2.07	23.09	2.12	22.68	2.17	22.34	2.21	21.54	2.26
		40	36	25.95	2.06	25.22	2.13	24.42	2.19	23.99	2.23	23.66	2.27	22.80	2.33
		45	41	27.52	2.13	26.87	2.20	26.07	2.27	25.64	2.31	25.29	2.34	24.38	2.41
		47	43	28.15	2.16	27.52	2.23	26.74	2.30	**26.30**	**2.34**	25.95	2.37	25.01	2.44
		50	46	28.24	2.14	27.67	2.21	26.98	2.27	26.59	2.31	26.28	2.33	25.39	2.40
		55	51	28.37	2.12	27.90	2.17	27.39	2.23	27.07	2.25	26.82	2.27	26.03	2.32
		60	56	28.51	2.10	28.14	2.14	27.79	2.18	27.56	2.19	27.37	2.21	26.67	2.24
		63	59	28.59	2.09	28.28	2.12	28.04	2.15	27.85	2.16	27.69	2.17	27.05	2.20
		68	64	28.68	2.07	28.42	2.10	28.28	2.12	28.14	2.13	28.02	2.13	27.44	2.15
	9 + 18	0	-0.4	11.49	1.74	10.80	1.80	10.82	1.83	10.57	1.85	10.37	1.86	9.93	1.93
		5	4.5	14.09	1.76	13.42	1.83	13.23	1.87	12.95	1.89	12.73	1.90	12.21	1.97
		10	9	15.82	1.79	15.18	1.85	14.85	1.90	14.55	1.92	14.30	1.95	13.74	2.01
		17	15	17.74	1.82	17.12	1.88	16.63	1.94	**16.30**	**1.97**	16.04	2.00	15.42	2.06
		20	19	18.89	1.85	18.29	1.90	17.70	1.97	17.36	2.01	17.09	2.04	16.44	2.09
		25	23	20.82	1.89	20.21	1.95	19.50	2.02	19.13	2.06	18.84	2.09	18.13	2.15
		30	28	22.76	1.95	22.05	2.01	21.30	2.07	20.91	2.12	20.59	2.15	19.84	2.21
		35	32	24.69	2.00	23.91	2.07	23.09	2.12	22.68	2.17	22.34	2.21	21.54	2.26
		40	36	25.95	2.06	25.22	2.13	24.42	2.19	23.99	2.23	23.66	2.27	22.80	2.33
		45	41	27.52	2.13	26.87	2.20	26.07	2.27	25.64	2.31	25.29	2.34	24.38	2.41
		47	43	28.15	2.16	27.52	2.23	26.74	2.30	**26.30**	**2.34**	25.95	2.37	25.01	2.44
		50	46	28.24	2.14	27.67	2.21	26.98	2.27	26.59	2.31	26.28	2.33	25.39	2.40
		55	51	28.37	2.12	27.90	2.17	27.39	2.23	27.07	2.25	26.82	2.27	26.03	2.32
		60	56	28.51	2.10	28.14	2.14	27.79	2.18	27.56	2.19	27.37	2.21	26.67	2.24
		63	59	28.59	2.09	28.28	2.12	28.04	2.15	27.85	2.16	27.69	2.17	27.05	2.20
		68	64	28.68	2.07	28.42	2.10	28.28	2.12	28.14	2.13	28.02	2.13	27.44	2.15
	12 + 18	0	-0.4	11.49	1.74	10.80	1.80	10.82	1.83	10.57	1.85	10.37	1.86	9.93	1.93
		5	4.5	14.09	1.76	13.42	1.83	13.23	1.87	12.95	1.89	12.73	1.90	12.21	1.97
		10	9	15.82	1.79	15.18	1.85	14.85	1.90	14.55	1.92	14.30	1.95	13.74	2.01
		17	15	17.74	1.82	17.12	1.88	16.63	1.94	**16.30**	**1.97**	16.04	2.00	15.42	2.06
		20	19	18.89	1.85	18.29	1.90	17.70	1.97	17.36	2.01	17.09	2.04	16.44	2.09
		25	23	20.82	1.89	20.21	1.95	19.50	2.02	19.13	2.06	18.84	2.09	18.13	2.15
		30	28	22.76	1.95	22.05	2.01	21.30	2.07	20.91	2.12	20.59	2.15	19.84	2.21
		35	32	24.69	2.00	23.91	2.07	23.09	2.12	22.68	2.17	22.34	2.21	21.54	2.26
		40	36	25.95	2.06	25.22	2.13	24.42	2.19	23.99	2.23	23.66	2.27	22.80	2.33
		45	41	27.52	2.13	26.87	2.20	26.07	2.27	25.64	2.31	25.29	2.34	24.38	2.41
		47	43	28.15	2.16	27.52	2.23	26.74	2.30	**26.30**	**2.34**	25.95	2.37	25.01	2.44
		50	46	28.24	2.14	27.67	2.21	26.98	2.27	26.59	2.31	26.28	2.33	25.39	2.40
		55	51	28.37	2.12	27.90	2.17	27.39	2.23	27.07	2.25	26.82	2.27	26.03	2.32
		60	56	28.51	2.10	28.14	2.14	27.79	2.18	27.56	2.19	27.37	2.21	26.67	2.24
		63	59	28.59	2.09	28.28	2.12	28.04	2.15	27.85	2.16	27.69	2.17	27.05	2.20
		68	64	28.68	2.07	28.42	2.10	28.28	2.12	28.14	2.13	28.02	2.13	27.44	2.15

TC = Total Capacity (kBtu/h).

PI = Power Input (kW).

Nominal capacity as rated: 0 ft. above sea level with 25 ft. of refrigerant piping.
0 ft. level difference between outdoor and indoor units.

Nominal heating capacity rating obtained with air entering the indoor unit at 70°F dry bulb (DB) and 60°F wet bulb (WB), and outdoor ambient conditions of 47°F dry bulb (DB) and 43°F wet bulb (WB).

Due to our policy of continuous product innovation, some specifications may change without notification.
©LG Electronics U.S.A., Inc., Englewood Cliffs, NJ. All rights reserved. "LG" is a registered trademark of LG Corp.

PERFORMANCE DATA

Heating Capacity Tables

Table 85: LMU247HV Heating Capacity Table — Mixed Indoor Units (continued).

Connected Indoor Units	Combination Capacity Index	Outdoor Air Temp.		Indoor Air Temp. °F DB											
		°F	°F	61		64		68		70		72		75	
		DB	WB	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
Three (3) Mixed Indoor Units	9 + 9 + 9	0	-0.4	11.49	1.65	10.80	1.71	10.82	1.74	10.57	1.75	10.37	1.76	9.93	1.83
		5	4.5	14.09	1.67	13.42	1.73	13.23	1.77	12.95	1.79	12.73	1.81	12.21	1.87
		10	9	15.82	1.70	15.18	1.76	14.85	1.80	14.55	1.83	14.30	1.85	13.74	1.90
		17	15	17.74	1.73	17.12	1.79	16.63	1.84	**16.30**	**1.87**	16.04	1.90	15.42	1.95
		20	19	18.89	1.75	18.29	1.81	17.70	1.87	17.36	1.90	17.09	1.93	16.44	1.98
		25	23	20.82	1.80	20.21	1.85	19.50	1.92	19.13	1.96	18.84	1.99	18.13	2.04
		30	28	22.76	1.85	22.05	1.91	21.30	1.96	20.91	2.01	20.59	2.04	19.84	2.09
		35	32	24.69	1.89	23.91	1.96	23.09	2.01	22.68	2.06	22.34	2.10	21.54	2.15
		40	36	25.95	1.95	25.22	2.02	24.42	2.07	23.99	2.12	23.66	2.15	22.80	2.21
		45	41	27.52	2.02	26.87	2.09	26.07	2.15	25.64	2.19	25.29	2.22	24.38	2.29
		47	43	28.15	2.05	27.52	2.11	26.74	2.18	**26.30**	**2.22**	25.95	2.25	25.01	2.32
		50	46	28.24	2.03	27.67	2.10	26.98	2.16	26.59	2.19	26.28	2.21	25.39	2.27
		55	51	28.37	2.01	27.90	2.06	27.39	2.11	27.07	2.14	26.82	2.15	26.03	2.20
		60	56	28.51	1.99	28.14	2.03	27.79	2.07	27.56	2.08	27.37	2.09	26.67	2.13
		63	59	28.59	1.98	28.28	2.01	28.04	2.04	27.85	2.05	27.69	2.06	27.05	2.08
		68	64	28.68	1.97	28.42	1.99	28.28	2.01	28.14	2.02	28.02	2.02	27.44	2.04
	9 + 9 + 12	0	-0.4	11.49	1.65	10.80	1.71	10.82	1.74	10.57	1.75	10.37	1.76	9.93	1.83
		5	4.5	14.09	1.67	13.42	1.73	13.23	1.77	12.95	1.79	12.73	1.81	12.21	1.87
		10	9	15.82	1.70	15.18	1.76	14.85	1.80	14.55	1.83	14.30	1.85	13.74	1.90
		17	15	17.74	1.73	17.12	1.79	16.63	1.84	**16.30**	**1.87**	16.04	1.90	15.42	1.95
		20	19	18.89	1.75	18.29	1.81	17.70	1.87	17.36	1.90	17.09	1.93	16.44	1.98
		25	23	20.82	1.80	20.21	1.85	19.50	1.92	19.13	1.96	18.84	1.99	18.13	2.04
		30	28	22.76	1.85	22.05	1.91	21.30	1.96	20.91	2.01	20.59	2.04	19.84	2.09
		35	32	24.69	1.89	23.91	1.96	23.09	2.01	22.68	2.06	22.34	2.10	21.54	2.15
		40	36	25.95	1.95	25.22	2.02	24.42	2.07	23.99	2.12	23.66	2.15	22.80	2.21
		45	41	27.52	2.02	26.87	2.09	26.07	2.15	25.64	2.19	25.29	2.22	24.38	2.29
		47	43	28.15	2.05	27.52	2.11	26.74	2.18	**26.30**	**2.22**	25.95	2.25	25.01	2.32
		50	46	28.24	2.03	27.67	2.10	26.98	2.16	26.59	2.19	26.28	2.21	25.39	2.27
		55	51	28.37	2.01	27.90	2.06	27.39	2.11	27.07	2.14	26.82	2.15	26.03	2.20
		60	56	28.51	1.99	28.14	2.03	27.79	2.07	27.56	2.08	27.37	2.09	26.67	2.13
		63	59	28.59	1.98	28.28	2.01	28.04	2.04	27.85	2.05	27.69	2.06	27.05	2.08
		68	64	28.68	1.97	28.42	1.99	28.28	2.01	28.14	2.02	28.02	2.02	27.44	2.04
	9 + 12 + 12	0	-0.4	11.49	1.65	10.80	1.71	10.82	1.74	10.57	1.75	10.37	1.76	9.93	1.83
		5	4.5	14.09	1.67	13.42	1.73	13.23	1.77	12.95	1.79	12.73	1.81	12.21	1.87
		10	9	15.82	1.70	15.18	1.76	14.85	1.80	14.55	1.83	14.30	1.85	13.74	1.90
		17	15	17.74	1.73	17.12	1.79	16.63	1.84	**16.30**	**1.87**	16.04	1.90	15.42	1.95
		20	19	18.89	1.75	18.29	1.81	17.70	1.87	17.36	1.90	17.09	1.93	16.44	1.98
		25	23	20.82	1.80	20.21	1.85	19.50	1.92	19.13	1.96	18.84	1.99	18.13	2.04
		30	28	22.76	1.85	22.05	1.91	21.30	1.96	20.91	2.01	20.59	2.04	19.84	2.09
		35	32	24.69	1.89	23.91	1.96	23.09	2.01	22.68	2.06	22.34	2.10	21.54	2.15
		40	36	25.95	1.95	25.22	2.02	24.42	2.07	23.99	2.12	23.66	2.15	22.80	2.21
		45	41	27.52	2.02	26.87	2.09	26.07	2.15	25.64	2.19	25.29	2.22	24.38	2.29
		47	43	28.15	2.05	27.52	2.11	26.74	2.18	**26.30**	**2.22**	25.95	2.25	25.01	2.32
		50	46	28.24	2.03	27.67	2.10	26.98	2.16	26.59	2.19	26.28	2.21	25.39	2.27
		55	51	28.37	2.01	27.90	2.06	27.39	2.11	27.07	2.14	26.82	2.15	26.03	2.20
		60	56	28.51	1.99	28.14	2.03	27.79	2.07	27.56	2.08	27.37	2.09	26.67	2.13
		63	59	28.59	1.98	28.28	2.01	28.04	2.04	27.85	2.05	27.69	2.06	27.05	2.08
		68	64	28.68	1.97	28.42	1.99	28.28	2.01	28.14	2.02	28.02	2.02	27.44	2.04

TC = Total Capacity (kBtu/h).

PI = Power Input (kW).

Nominal capacity as rated: 0 ft. above sea level with 25 ft. of refrigerant piping.
0 ft. level difference between outdoor and indoor units.

Nominal heating capacity rating obtained with air entering the indoor unit at 70°F dry bulb (DB) and 60°F wet bulb (WB), and outdoor ambient conditions of 47°F dry bulb (DB) and 43°F wet bulb (WB).

Due to our policy of continuous product innovation, some specifications may change without notification.
©LG Electronics U.S.A., Inc., Englewood Cliffs, NJ. All rights reserved. "LG" is a registered trademark of LG Corp.

PERFORMANCE DATA

Heating Capacity Tables

Table 86: LMU369HV Heating Capacity Table — Non-Ducted Indoor Units.

Connected Indoor Units	Combination Capacity Index	Outdoor Air Temp.		Indoor Air Temp. °F DB											
		°F	°F	61		64		68		70		72		75	
		DB	WB	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
Two (2) Non-Ducted Indoor Units	9 + 9	0	-0.4	9.66	1.37	9.09	1.42	9.09	1.44	8.89	1.45	8.72	1.46	8.35	1.51
		5	4.5	11.58	1.41	11.04	1.46	10.88	1.49	10.65	1.51	10.46	1.52	10.04	1.58
		10	9	12.87	1.46	12.35	1.51	12.07	1.54	11.83	1.57	11.63	1.58	11.17	1.63
		17	15	14.28	1.51	13.79	1.56	13.39	1.61	**13.13**	**1.64**	12.92	1.66	12.42	1.71
		20	19	15.14	1.55	14.66	1.60	14.19	1.66	13.91	1.69	13.70	1.71	13.18	1.76
		25	23	16.57	1.62	16.08	1.67	15.52	1.73	15.23	1.77	14.99	1.80	14.43	1.84
		30	28	18.00	1.70	17.45	1.76	16.85	1.81	16.54	1.85	16.29	1.88	15.69	1.93
		35	32	19.43	1.78	18.82	1.84	18.17	1.89	17.85	1.93	17.59	1.97	16.95	2.01
		40	36	20.42	1.83	19.85	1.89	19.22	1.94	18.89	1.98	18.62	2.02	17.94	2.07
		45	41	21.66	1.89	21.15	1.96	20.52	2.02	20.18	2.05	19.91	2.08	19.19	2.14
		47	43	22.16	1.92	21.66	1.98	21.04	2.04	**20.70**	**2.08**	20.42	2.11	19.68	2.17
		50	46	22.22	1.91	21.77	1.96	21.24	2.02	20.93	2.05	20.68	2.07	19.98	2.13
		55	51	22.33	1.89	21.96	1.93	21.56	1.98	21.31	2.00	21.11	2.02	20.49	2.06
		60	56	22.44	1.87	22.15	1.90	21.88	1.94	21.69	1.95	21.54	1.96	20.99	1.99
		63	59	22.51	1.85	22.26	1.88	22.07	1.91	21.92	1.92	21.80	1.93	21.29	1.95
		68	64	22.57	1.84	22.37	1.87	22.26	1.89	22.15	1.89	22.06	1.90	21.59	1.91
	9 + 12	0	-0.4	11.27	1.67	10.60	1.73	10.61	1.76	10.37	1.77	10.17	1.78	9.74	1.85
		5	4.5	13.51	1.73	12.88	1.79	12.69	1.82	12.42	1.84	12.21	1.86	11.71	1.92
		10	9	15.01	1.78	14.41	1.84	14.09	1.89	13.80	1.91	13.57	1.93	13.04	1.99
		17	15	16.66	1.85	16.08	1.91	15.62	1.97	**15.31**	**2.00**	15.07	2.03	14.49	2.09
		20	19	17.66	1.90	17.10	1.96	16.55	2.02	16.23	2.06	15.98	2.09	15.37	2.15
		25	23	19.33	1.98	18.76	2.04	18.11	2.12	17.76	2.16	17.49	2.19	16.83	2.25
		30	28	21.00	2.08	20.35	2.14	19.65	2.21	19.29	2.26	19.00	2.30	18.31	2.35
		35	32	22.67	2.17	21.95	2.25	21.20	2.30	20.82	2.36	20.52	2.40	19.78	2.46
		40	36	23.83	2.23	23.16	2.31	22.42	2.37	22.03	2.42	21.72	2.46	20.94	2.53
		45	41	25.27	2.31	24.67	2.39	23.94	2.46	23.55	2.51	23.23	2.54	22.38	2.62
		47	43	25.85	2.34	25.27	2.42	24.55	2.50	**24.15**	**2.54**	23.83	2.57	22.96	2.65
		50	46	25.93	2.33	25.40	2.40	24.78	2.47	24.42	2.50	24.13	2.53	23.31	2.60
		55	51	26.05	2.30	25.62	2.36	25.15	2.42	24.86	2.44	24.63	2.47	23.90	2.52
		60	56	26.18	2.28	25.84	2.32	25.52	2.36	25.30	2.38	25.13	2.40	24.49	2.43
		63	59	26.26	2.26	25.97	2.30	25.75	2.33	25.57	2.35	25.43	2.36	24.84	2.38
		68	64	26.33	2.25	26.10	2.28	25.97	2.30	25.84	2.31	25.73	2.32	25.19	2.33
	12 + 12	0	-0.4	12.88	1.70	12.11	1.77	12.12	1.79	11.85	1.81	11.63	1.82	11.13	1.88
		5	4.5	15.44	1.76	14.72	1.82	14.50	1.86	14.20	1.88	13.95	1.90	13.39	1.96
		10	9	17.16	1.81	16.46	1.88	16.10	1.92	15.77	1.95	15.51	1.97	14.90	2.03
		17	15	19.04	1.89	18.38	1.95	17.85	2.01	**17.50**	**2.04**	17.22	2.07	16.56	2.13
		20	19	20.19	1.93	19.54	1.99	18.92	2.06	18.55	2.10	18.26	2.13	17.57	2.19
		25	23	22.09	2.02	21.44	2.08	20.69	2.16	20.30	2.20	19.99	2.24	19.23	2.30
		30	28	24.00	2.12	23.26	2.19	22.46	2.25	22.05	2.30	21.72	2.34	20.92	2.40
		35	32	25.91	2.21	25.09	2.29	24.23	2.35	23.80	2.40	23.45	2.45	22.60	2.51
		40	36	27.23	2.28	26.47	2.35	25.62	2.42	25.18	2.47	24.83	2.51	23.93	2.58
		45	41	28.88	2.36	28.19	2.43	27.36	2.51	26.91	2.56	26.55	2.59	25.58	2.67
		47	43	29.54	2.39	28.88	2.47	28.06	2.55	**27.60**	**2.59**	27.23	2.63	26.24	2.70
		50	46	29.63	2.37	29.03	2.44	28.31	2.52	27.90	2.55	27.58	2.58	26.64	2.65
		55	51	29.78	2.35	29.28	2.41	28.74	2.46	28.41	2.49	28.15	2.51	27.31	2.57
		60	56	29.92	2.32	29.53	2.37	29.17	2.41	28.92	2.43	28.72	2.44	27.98	2.48
		63	59	30.01	2.31	29.68	2.35	29.42	2.38	29.22	2.39	29.06	2.40	28.39	2.43
		68	64	30.09	2.29	29.83	2.32	29.68	2.35	29.53	2.36	29.41	2.36	28.79	2.38

TC = Total Capacity (kBtu/h).

PI = Power Input (kW).

Nominal capacity as rated: 0 ft. above sea level with 25 ft. of refrigerant piping.
0 ft. level difference between outdoor and indoor units.

Nominal heating capacity rating obtained with air entering the indoor unit at 70°F dry bulb (DB) and 60°F wet bulb (WB), and outdoor ambient conditions of 47°F dry bulb (DB) and 43°F wet bulb (WB).

Due to our policy of continuous product innovation, some specifications may change without notification.
©LG Electronics U.S.A., Inc., Englewood Cliffs, NJ. All rights reserved. "LG" is a registered trademark of LG Corp.

PERFORMANCE DATA

Heating Capacity Tables

Table 87: LMU369HV Heating Capacity Table — Non-Ducted Indoor Units.

Connected Indoor Units	Combination Capacity Index	Outdoor Air Temp.		Indoor Air Temp. °F DB											
		°F	°F	61		64		68		70		72		75	
		DB	WB	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
Two (2) Non-Ducted Indoor Units	9 + 18	0	-0.4	14.49	1.90	13.63	1.98	13.64	2.01	13.33	2.02	13.08	2.04	12.52	2.11
		5	4.5	17.37	1.97	16.56	2.04	16.32	2.08	15.97	2.11	15.70	2.12	15.06	2.20
		10	9	19.30	2.03	18.52	2.10	18.11	2.15	17.74	2.18	17.45	2.21	16.76	2.28
		17	15	21.42	2.11	20.68	2.18	20.08	2.25	**19.69**	**2.28**	19.38	2.31	18.63	2.38
		20	19	22.71	2.17	21.99	2.23	21.28	2.31	20.87	2.35	20.54	2.39	19.76	2.45
		25	23	24.85	2.26	24.12	2.33	23.28	2.42	22.84	2.47	22.49	2.50	21.64	2.57
		30	28	27.00	2.37	26.17	2.45	25.27	2.52	24.81	2.58	24.43	2.62	23.54	2.69
		35	32	29.15	2.48	28.22	2.56	27.26	2.63	26.77	2.69	26.38	2.74	25.43	2.81
		40	36	30.64	2.55	29.78	2.64	28.83	2.71	28.33	2.77	27.93	2.81	26.92	2.89
		45	41	32.49	2.64	31.72	2.73	30.78	2.81	30.27	2.86	29.86	2.90	28.78	2.99
		47	43	33.24	2.67	32.49	2.76	31.57	2.85	**31.05**	**2.90**	30.64	2.94	29.52	3.03
		50	46	33.33	2.66	32.66	2.74	31.85	2.82	31.39	2.86	31.02	2.89	29.98	2.97
		55	51	33.50	2.63	32.94	2.69	32.33	2.76	31.96	2.79	31.67	2.81	30.73	2.87
		60	56	33.66	2.60	33.22	2.65	32.81	2.70	32.53	2.72	32.31	2.74	31.48	2.78
		63	59	33.76	2.58	33.39	2.63	33.10	2.67	32.87	2.68	32.69	2.69	31.93	2.72
		68	64	33.86	2.57	33.56	2.60	33.39	2.63	33.22	2.64	33.08	2.64	32.39	2.67
	12 + 18	0	-0.4	16.10	2.11	15.14	2.19	15.16	2.23	14.81	2.25	14.53	2.26	13.92	2.34
		5	4.5	19.30	2.19	18.40	2.27	18.13	2.31	17.75	2.34	17.44	2.36	16.73	2.44
		10	9	21.45	2.25	20.58	2.33	20.12	2.39	19.71	2.42	19.39	2.45	18.62	2.53
		17	15	23.81	2.35	22.98	2.42	22.32	2.49	**21.88**	**2.54**	21.53	2.57	20.70	2.64
		20	19	25.23	2.41	24.43	2.48	23.64	2.56	23.19	2.61	22.83	2.65	21.96	2.72
		25	23	27.62	2.51	26.80	2.59	25.86	2.68	25.38	2.74	24.98	2.78	24.04	2.85
		30	28	30.00	2.63	29.08	2.72	28.08	2.80	27.56	2.86	27.15	2.91	26.15	2.99
		35	32	32.39	2.75	31.36	2.85	30.29	2.92	29.75	2.99	29.31	3.04	28.25	3.12
		40	36	34.04	2.83	33.08	2.93	32.03	3.01	31.48	3.07	31.03	3.12	29.91	3.21
		45	41	36.10	2.93	35.24	3.03	34.20	3.12	33.64	3.18	33.18	3.22	31.98	3.32
		47	43	36.93	2.97	36.10	3.07	35.07	3.17	**34.50**	**3.22**	34.04	3.26	32.80	3.36
		50	46	37.04	2.95	36.29	3.04	35.39	3.13	34.88	3.17	34.47	3.21	33.31	3.30
		55	51	37.22	2.92	36.60	2.99	35.93	3.06	35.51	3.10	35.18	3.12	34.14	3.19
		60	56	37.40	2.89	36.91	2.94	36.46	3.00	36.15	3.02	35.90	3.04	34.98	3.09
		63	59	37.51	2.87	37.10	2.92	36.78	2.96	36.53	2.97	36.33	2.99	35.48	3.02
		68	64	37.62	2.85	37.29	2.89	37.10	2.92	36.91	2.93	36.76	2.94	35.99	2.96
	18 + 18	0	-0.4	17.73	2.32	16.68	2.41	16.69	2.44	16.31	2.46	16.01	2.48	15.33	2.57
		5	4.5	21.26	2.40	20.27	2.48	19.97	2.54	19.55	2.56	19.21	2.59	18.43	2.67
		10	9	23.62	2.47	22.67	2.56	22.17	2.62	21.71	2.66	21.35	2.69	20.51	2.77
		17	15	26.22	2.57	25.31	2.65	24.58	2.74	**24.10**	**2.78**	23.71	2.82	22.80	2.90
		20	19	27.79	2.64	26.91	2.72	26.04	2.81	25.54	2.86	25.14	2.90	24.19	2.99
		25	23	30.42	2.75	29.52	2.83	28.49	2.94	27.95	3.00	27.52	3.05	26.48	3.13
		30	28	33.05	2.88	32.03	2.98	30.93	3.07	30.36	3.14	29.90	3.19	28.80	3.27
		35	32	35.68	3.01	34.54	3.12	33.36	3.20	32.77	3.28	32.29	3.34	31.12	3.42
		40	36	37.50	3.10	36.44	3.21	35.28	3.30	34.67	3.37	34.18	3.42	32.94	3.51
		45	41	39.77	3.21	38.82	3.32	37.67	3.42	37.05	3.48	36.55	3.53	35.22	3.64
		47	43	40.68	3.26	39.77	3.36	38.63	3.47	**38.00**	**3.53**	37.50	3.58	36.13	3.69
		50	46	40.80	3.23	39.97	3.33	38.98	3.43	38.42	3.48	37.97	3.52	36.68	3.62
		55	51	41.00	3.20	40.32	3.28	39.57	3.36	39.12	3.40	38.75	3.43	37.61	3.50
		60	56	41.19	3.17	40.66	3.23	40.16	3.29	39.81	3.31	39.54	3.33	38.53	3.38
		63	59	41.31	3.15	40.86	3.20	40.51	3.24	40.23	3.26	40.01	3.27	39.08	3.31
		68	64	41.43	3.13	41.07	3.17	40.87	3.20	40.66	3.21	40.49	3.22	39.64	3.24

TC = Total Capacity (kBtu/h).

PI = Power Input (kW).

Nominal capacity as rated: 0 ft. above sea level with 25 ft. of refrigerant piping.
0 ft. level difference between outdoor and indoor units.

Nominal heating capacity rating obtained with air entering the indoor unit at 70°F dry bulb (DB) and 60°F wet bulb (WB), and outdoor ambient conditions of 47°F dry bulb (DB) and 43°F wet bulb (WB).

Due to our policy of continuous product innovation, some specifications may change without notification.
©LG Electronics U.S.A., Inc., Englewood Cliffs, NJ. All rights reserved. "LG" is a registered trademark of LG Corp.

PERFORMANCE DATA

Heating Capacity Tables

Table 88: LMU369HV Heating Capacity Table — Non-Ducted Indoor Units.

Connected Indoor Units	Combination Capacity Index	Outdoor Air Temp.		Indoor Air Temp. °F DB											
		°F	°F	61		64		68		70		72		75	
		DB	WB	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
Three (3) Non-Ducted Indoor Units	9 + 9 + 9	0	-0.4	14.49	1.90	13.63	1.98	13.64	2.01	13.33	2.02	13.08	2.04	12.52	2.11
		5	4.5	17.37	1.97	16.56	2.04	16.32	2.08	15.97	2.11	15.70	2.12	15.06	2.20
		10	9	19.30	2.03	18.52	2.10	18.11	2.15	17.74	2.18	17.45	2.21	16.76	2.28
		17	15	21.42	2.11	20.68	2.18	20.08	2.25	**19.69**	**2.28**	19.38	2.31	18.63	2.38
		20	19	22.71	2.17	21.99	2.23	21.28	2.31	20.87	2.35	20.54	2.39	19.76	2.45
		25	23	24.85	2.26	24.12	2.33	23.28	2.42	22.84	2.47	22.49	2.50	21.64	2.57
		30	28	27.00	2.37	26.17	2.45	25.27	2.52	24.81	2.58	24.43	2.62	23.54	2.69
		35	32	29.15	2.48	28.22	2.56	27.26	2.63	26.77	2.69	26.38	2.74	25.43	2.81
		40	36	30.64	2.55	29.78	2.64	28.83	2.71	28.33	2.77	27.93	2.81	26.92	2.89
		45	41	32.49	2.64	31.72	2.73	30.78	2.81	30.27	2.86	29.86	2.90	28.78	2.99
		47	43	33.24	2.67	32.49	2.76	31.57	2.85	**31.05**	**2.90**	30.64	2.94	29.52	3.03
		50	46	33.33	2.66	32.66	2.74	31.85	2.82	31.39	2.86	31.02	2.89	29.98	2.97
		55	51	33.50	2.63	32.94	2.69	32.33	2.76	31.96	2.79	31.67	2.81	30.73	2.87
		60	56	33.66	2.60	33.22	2.65	32.81	2.70	32.53	2.72	32.31	2.74	31.48	2.78
		63	59	33.76	2.58	33.39	2.63	33.10	2.67	32.87	2.68	32.69	2.69	31.93	2.72
		68	64	33.86	2.57	33.56	2.60	33.39	2.63	33.22	2.64	33.08	2.64	32.39	2.67
	9 + 9 + 12	0	-0.4	16.10	2.11	15.14	2.19	15.16	2.23	14.81	2.25	14.53	2.26	13.92	2.34
		5	4.5	19.30	2.19	18.40	2.27	18.13	2.31	17.75	2.34	17.44	2.36	16.73	2.44
		10	9	21.45	2.25	20.58	2.33	20.12	2.39	19.71	2.42	19.39	2.45	18.62	2.53
		17	15	23.81	2.35	22.98	2.42	22.32	2.49	**21.88**	**2.54**	21.53	2.57	20.70	2.64
		20	19	25.23	2.41	24.43	2.48	23.64	2.56	23.19	2.61	22.83	2.65	21.96	2.72
		25	23	27.62	2.51	26.80	2.59	25.86	2.68	25.38	2.74	24.98	2.78	24.04	2.85
		30	28	30.00	2.63	29.08	2.72	28.08	2.80	27.56	2.86	27.15	2.91	26.15	2.99
		35	32	32.39	2.75	31.36	2.85	30.29	2.92	29.75	2.99	29.31	3.04	28.25	3.12
		40	36	34.04	2.83	33.08	2.93	32.03	3.01	31.48	3.07	31.03	3.12	29.91	3.21
		45	41	36.10	2.93	35.24	3.03	34.20	3.12	33.64	3.18	33.18	3.22	31.98	3.32
		47	43	36.93	2.97	36.10	3.07	35.07	3.17	**34.50**	**3.22**	34.04	3.26	32.80	3.36
		50	46	37.04	2.95	36.29	3.04	35.39	3.13	34.88	3.17	34.47	3.21	33.31	3.30
		55	51	37.22	2.92	36.60	2.99	35.93	3.06	35.51	3.10	35.18	3.12	34.14	3.19
		60	56	37.40	2.89	36.91	2.94	36.46	3.00	36.15	3.02	35.90	3.04	34.98	3.09
		63	59	37.51	2.87	37.10	2.92	36.78	2.96	36.53	2.97	36.33	2.99	35.48	3.02
		68	64	37.62	2.85	37.29	2.89	37.10	2.92	36.91	2.93	36.76	2.94	35.99	2.96
	9 + 12 + 12	0	-0.4	17.71	2.23	16.66	2.32	16.67	2.35	16.29	2.37	15.98	2.39	15.31	2.47
		5	4.5	21.23	2.31	20.24	2.39	19.94	2.44	19.52	2.47	19.18	2.49	18.41	2.57
		10	9	23.59	2.38	22.64	2.46	22.14	2.52	21.69	2.56	21.32	2.59	20.49	2.67
		17	15	26.19	2.48	25.27	2.56	24.55	2.63	**24.07**	**2.68**	23.68	2.71	22.77	2.79
		20	19	27.76	2.54	26.87	2.62	26.01	2.71	25.51	2.76	25.11	2.80	24.15	2.88
		25	23	30.38	2.65	29.48	2.73	28.45	2.83	27.91	2.89	27.48	2.94	26.45	3.01
		30	28	33.00	2.78	31.98	2.87	30.88	2.96	30.32	3.02	29.86	3.07	28.77	3.15
		35	32	35.63	2.90	34.50	3.01	33.32	3.08	32.72	3.16	32.24	3.21	31.08	3.29
		40	36	37.45	2.99	36.39	3.09	35.23	3.18	34.62	3.24	34.13	3.30	32.90	3.38
		45	41	39.72	3.09	38.77	3.20	37.62	3.30	37.00	3.36	36.50	3.40	35.17	3.50
		47	43	40.62	3.14	39.72	3.24	38.58	3.34	**37.95**	**3.40**	37.45	3.45	36.08	3.55
		50	46	40.74	3.12	39.92	3.21	38.93	3.30	38.37	3.35	37.92	3.39	36.64	3.48
		55	51	40.94	3.08	40.26	3.16	39.52	3.23	39.07	3.27	38.70	3.30	37.56	3.37
		60	56	41.14	3.05	40.60	3.11	40.11	3.17	39.76	3.19	39.49	3.21	38.48	3.26
		63	59	41.26	3.03	40.81	3.08	40.46	3.12	40.18	3.14	39.96	3.15	39.03	3.19
		68	64	41.38	3.01	41.02	3.05	40.81	3.08	40.60	3.09	40.44	3.10	39.59	3.13

TC = Total Capacity (kBtu/h).

PI = Power Input (kW).

Nominal capacity as rated: 0 ft. above sea level with 25 ft. of refrigerant piping.
0 ft. level difference between outdoor and indoor units.

Nominal heating capacity rating obtained with air entering the indoor unit at 70°F dry bulb (DB) and 60°F wet bulb (WB), and outdoor ambient conditions of 47°F dry bulb (DB) and 43°F wet bulb (WB).

Due to our policy of continuous product innovation, some specifications may change without notification.
©LG Electronics U.S.A., Inc., Englewood Cliffs, NJ. All rights reserved. "LG" is a registered trademark of LG Corp.

PERFORMANCE DATA

Heating Capacity Tables

Table 89: LMU369HV Heating Capacity Table — Non-Ducted Indoor Units (continued).

Connected Indoor Units	Combination Capacity Index	Outdoor Air Temp.		Indoor Air Temp. °F DB											
		°F	°F	61		64		68		70		72		75	
		DB	WB	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
Three (3) Non-Ducted Indoor Units	12 + 12 + 12	0	-0.4	19.13	2.35	18.00	2.44	18.01	2.48	17.60	2.50	17.27	2.51	16.54	2.60
		5	4.5	22.94	2.43	21.87	2.52	21.55	2.57	21.09	2.60	20.72	2.62	19.89	2.71
		10	9	25.49	2.51	24.46	2.59	23.92	2.66	23.43	2.69	23.04	2.72	22.13	2.81
		17	15	28.29	2.61	27.31	2.69	26.52	2.77	**26.00**	**2.82**	25.58	2.86	24.60	2.94
		20	19	29.99	2.67	29.03	2.76	28.10	2.85	27.56	2.90	27.13	2.95	26.10	3.03
		25	23	32.82	2.79	31.85	2.87	30.74	2.98	30.16	3.04	29.69	3.09	28.57	3.17
		30	28	35.66	2.92	34.55	3.02	33.37	3.11	32.75	3.18	32.26	3.24	31.08	3.32
		35	32	38.49	3.06	37.27	3.16	36.00	3.25	35.35	3.32	34.83	3.38	33.58	3.46
		40	36	40.46	3.14	39.32	3.25	38.07	3.35	37.41	3.42	36.88	3.47	35.54	3.56
		45	41	42.91	3.26	41.88	3.37	40.65	3.47	39.97	3.53	39.43	3.58	38.00	3.69
		47	43	43.89	3.30	42.91	3.41	41.68	3.52	**41.00**	**3.58**	40.46	3.63	38.98	3.74
		50	46	44.02	3.28	43.13	3.38	42.06	3.48	41.45	3.53	40.96	3.57	39.58	3.67
		55	51	44.23	3.25	43.50	3.33	42.69	3.40	42.20	3.44	41.81	3.47	40.58	3.55
		60	56	44.45	3.21	43.87	3.27	43.33	3.33	42.96	3.36	42.66	3.38	41.57	3.43
		63	59	44.58	3.19	44.09	3.24	43.71	3.29	43.41	3.31	43.17	3.32	42.17	3.36
		68	64	44.70	3.17	44.31	3.21	44.09	3.25	43.87	3.26	43.69	3.26	42.77	3.29
	9 + 9 + 18	0	-0.4	19.13	2.35	18.00	2.44	18.01	2.48	17.60	2.50	17.27	2.51	16.54	2.60
		5	4.5	22.94	2.43	21.87	2.52	21.55	2.57	21.09	2.60	20.72	2.62	19.89	2.71
		10	9	25.49	2.51	24.46	2.59	23.92	2.66	23.43	2.69	23.04	2.72	22.13	2.81
		17	15	28.29	2.61	27.31	2.69	26.52	2.77	**26.00**	**2.82**	25.58	2.86	24.60	2.94
		20	19	29.99	2.67	29.03	2.76	28.10	2.85	27.56	2.90	27.13	2.95	26.10	3.03
		25	23	32.82	2.79	31.85	2.87	30.74	2.98	30.16	3.04	29.69	3.09	28.57	3.17
		30	28	35.66	2.92	34.55	3.02	33.37	3.11	32.75	3.18	32.26	3.24	31.08	3.32
		35	32	38.49	3.06	37.27	3.16	36.00	3.25	35.35	3.32	34.83	3.38	33.58	3.46
		40	36	40.46	3.14	39.32	3.25	38.07	3.35	37.41	3.42	36.88	3.47	35.54	3.56
		45	41	42.91	3.26	41.88	3.37	40.65	3.47	39.97	3.53	39.43	3.58	38.00	3.69
		47	43	43.89	3.30	42.91	3.41	41.68	3.52	**41.00**	**3.58**	40.46	3.63	38.98	3.74
		50	46	44.02	3.28	43.13	3.38	42.06	3.48	41.45	3.53	40.96	3.57	39.58	3.67
		55	51	44.23	3.25	43.50	3.33	42.69	3.40	42.20	3.44	41.81	3.47	40.58	3.55
		60	56	44.45	3.21	43.87	3.27	43.33	3.33	42.96	3.36	42.66	3.38	41.57	3.43
		63	59	44.58	3.19	44.09	3.24	43.71	3.29	43.41	3.31	43.17	3.32	42.17	3.36
		68	64	44.70	3.17	44.31	3.21	44.09	3.25	43.87	3.26	43.69	3.26	42.77	3.29
	9 + 12 + 18	0	-0.4	19.13	2.35	18.00	2.44	18.01	2.48	17.60	2.50	17.27	2.51	16.54	2.60
		5	4.5	22.94	2.43	21.87	2.52	21.55	2.57	21.09	2.60	20.72	2.62	19.89	2.71
		10	9	25.49	2.51	24.46	2.59	23.92	2.66	23.43	2.69	23.04	2.72	22.13	2.81
		17	15	28.29	2.61	27.31	2.69	26.52	2.77	**26.00**	**2.82**	25.58	2.86	24.60	2.94
		20	19	29.99	2.67	29.03	2.76	28.10	2.85	27.56	2.90	27.13	2.95	26.10	3.03
		25	23	32.82	2.79	31.85	2.87	30.74	2.98	30.16	3.04	29.69	3.09	28.57	3.17
		30	28	35.66	2.92	34.55	3.02	33.37	3.11	32.75	3.18	32.26	3.24	31.08	3.32
		35	32	38.49	3.06	37.27	3.16	36.00	3.25	35.35	3.32	34.83	3.38	33.58	3.46
		40	36	40.46	3.14	39.32	3.25	38.07	3.35	37.41	3.42	36.88	3.47	35.54	3.56
		45	41	42.91	3.26	41.88	3.37	40.65	3.47	39.97	3.53	39.43	3.58	38.00	3.69
		47	43	43.89	3.30	42.91	3.41	41.68	3.52	**41.00**	**3.58**	40.46	3.63	38.98	3.74
		50	46	44.02	3.28	43.13	3.38	42.06	3.48	41.45	3.53	40.96	3.57	39.58	3.67
		55	51	44.23	3.25	43.50	3.33	42.69	3.40	42.20	3.44	41.81	3.47	40.58	3.55
		60	56	44.45	3.21	43.87	3.27	43.33	3.33	42.96	3.36	42.66	3.38	41.57	3.43
		63	59	44.58	3.19	44.09	3.24	43.71	3.29	43.41	3.31	43.17	3.32	42.17	3.36
		68	64	44.70	3.17	44.31	3.21	44.09	3.25	43.87	3.26	43.69	3.26	42.77	3.29

TC = Total Capacity (kBtu/h).

PI = Power Input (kW).

Nominal capacity as rated: 0 ft. above sea level with 25 ft. of refrigerant piping.
0 ft. level difference between outdoor and indoor units.

Nominal heating capacity rating obtained with air entering the indoor unit at 70°F dry bulb (DB) and 60°F wet bulb (WB), and outdoor ambient conditions of 47°F dry bulb (DB) and 43°F wet bulb (WB).

Due to our policy of continuous product innovation, some specifications may change without notification.
©LG Electronics U.S.A., Inc., Englewood Cliffs, NJ. All rights reserved. "LG" is a registered trademark of LG Corp.

Table 90: LMU369HV Heating Capacity Table — Non-Ducted Indoor Units (continued).

Connected Indoor Units	Combination Capacity Index	Outdoor Air Temp.		Indoor Air Temp. °F DB											
		°F	°F	61		64		68		70		72		75	
		DB	WB	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
Three (3) Non-Ducted Indoor Units	12 + 12 + 18	0	-0.4	19.13	2.35	18.00	2.44	18.01	2.48	17.60	2.50	17.27	2.51	16.54	2.60
		5	4.5	22.94	2.43	21.87	2.52	21.55	2.57	21.09	2.60	20.72	2.62	19.89	2.71
		10	9	25.49	2.51	24.46	2.59	23.92	2.66	23.43	2.69	23.04	2.72	22.13	2.81
		17	15	28.29	2.61	27.31	2.69	26.52	2.77	**26.00**	**2.82**	25.58	2.86	24.60	2.94
		20	19	29.99	2.67	29.03	2.76	28.10	2.85	27.56	2.90	27.13	2.95	26.10	3.03
		25	23	32.82	2.79	31.85	2.87	30.74	2.98	30.16	3.04	29.69	3.09	28.57	3.17
		30	28	35.66	2.92	34.55	3.02	33.37	3.11	32.75	3.18	32.26	3.24	31.08	3.32
		35	32	38.49	3.06	37.27	3.16	36.00	3.25	35.35	3.32	34.83	3.38	33.58	3.46
		40	36	40.46	3.14	39.32	3.25	38.07	3.35	37.41	3.42	36.88	3.47	35.54	3.56
		45	41	42.91	3.26	41.88	3.37	40.65	3.47	39.97	3.53	39.43	3.58	38.00	3.69
		47	43	43.89	3.30	42.91	3.41	41.68	3.52	**41.00**	**3.58**	40.46	3.63	38.98	3.74
		50	46	44.02	3.28	43.13	3.38	42.06	3.48	41.45	3.53	40.96	3.57	39.58	3.67
		55	51	44.23	3.25	43.50	3.33	42.69	3.40	42.20	3.44	41.81	3.47	40.58	3.55
		60	56	44.45	3.21	43.87	3.27	43.33	3.33	42.96	3.36	42.66	3.38	41.57	3.43
		63	59	44.58	3.19	44.09	3.24	43.71	3.29	43.41	3.31	43.17	3.32	42.17	3.36
		68	64	44.70	3.17	44.31	3.21	44.09	3.25	43.87	3.26	43.69	3.26	42.77	3.29
	9 + 18 + 18	0	-0.4	19.13	2.35	18.00	2.44	18.01	2.48	17.60	2.50	17.27	2.51	16.54	2.60
		5	4.5	22.94	2.43	21.87	2.52	21.55	2.57	21.09	2.60	20.72	2.62	19.89	2.71
		10	9	25.49	2.51	24.46	2.59	23.92	2.66	23.43	2.69	23.04	2.72	22.13	2.81
		17	15	28.29	2.61	27.31	2.69	26.52	2.77	**26.00**	**2.82**	25.58	2.86	24.60	2.94
		20	19	29.99	2.67	29.03	2.76	28.10	2.85	27.56	2.90	27.13	2.95	26.10	3.03
		25	23	32.82	2.79	31.85	2.87	30.74	2.98	30.16	3.04	29.69	3.09	28.57	3.17
		30	28	35.66	2.92	34.55	3.02	33.37	3.11	32.75	3.18	32.26	3.24	31.08	3.32
		35	32	38.49	3.06	37.27	3.16	36.00	3.25	35.35	3.32	34.83	3.38	33.58	3.46
		40	36	40.46	3.14	39.32	3.25	38.07	3.35	37.41	3.42	36.88	3.47	35.54	3.56
		45	41	42.91	3.26	41.88	3.37	40.65	3.47	39.97	3.53	39.43	3.58	38.00	3.69
		47	43	43.89	3.30	42.91	3.41	41.68	3.52	**41.00**	**3.58**	40.46	3.63	38.98	3.74
		50	46	44.02	3.28	43.13	3.38	42.06	3.48	41.45	3.53	40.96	3.57	39.58	3.67
		55	51	44.23	3.25	43.50	3.33	42.69	3.40	42.20	3.44	41.81	3.47	40.58	3.55
		60	56	44.45	3.21	43.87	3.27	43.33	3.33	42.96	3.36	42.66	3.38	41.57	3.43
		63	59	44.58	3.19	44.09	3.24	43.71	3.29	43.41	3.31	43.17	3.32	42.17	3.36
		68	64	44.70	3.17	44.31	3.21	44.09	3.25	43.87	3.26	43.69	3.26	42.77	3.29
	12 + 18 + 18	0	-0.4	19.13	2.35	18.00	2.44	18.01	2.48	17.60	2.50	17.27	2.51	16.54	2.60
		5	4.5	22.94	2.43	21.87	2.52	21.55	2.57	21.09	2.60	20.72	2.62	19.89	2.71
		10	9	25.49	2.51	24.46	2.59	23.92	2.66	23.43	2.69	23.04	2.72	22.13	2.81
		17	15	28.29	2.61	27.31	2.69	26.52	2.77	**26.00**	**2.82**	25.58	2.86	24.60	2.94
		20	19	29.99	2.67	29.03	2.76	28.10	2.85	27.56	2.90	27.13	2.95	26.10	3.03
		25	23	32.82	2.79	31.85	2.87	30.74	2.98	30.16	3.04	29.69	3.09	28.57	3.17
		30	28	35.66	2.92	34.55	3.02	33.37	3.11	32.75	3.18	32.26	3.24	31.08	3.32
		35	32	38.49	3.06	37.27	3.16	36.00	3.25	35.35	3.32	34.83	3.38	33.58	3.46
		40	36	40.46	3.14	39.32	3.25	38.07	3.35	37.41	3.42	36.88	3.47	35.54	3.56
		45	41	42.91	3.26	41.88	3.37	40.65	3.47	39.97	3.53	39.43	3.58	38.00	3.69
		47	43	43.89	3.30	42.91	3.41	41.68	3.52	**41.00**	**3.58**	40.46	3.63	38.98	3.74
		50	46	44.02	3.28	43.13	3.38	42.06	3.48	41.45	3.53	40.96	3.57	39.58	3.67
		55	51	44.23	3.25	43.50	3.33	42.69	3.40	42.20	3.44	41.81	3.47	40.58	3.55
		60	56	44.45	3.21	43.87	3.27	43.33	3.33	42.96	3.36	42.66	3.38	41.57	3.43
		63	59	44.58	3.19	44.09	3.24	43.71	3.29	43.41	3.31	43.17	3.32	42.17	3.36
		68	64	44.70	3.17	44.31	3.21	44.09	3.25	43.87	3.26	43.69	3.26	42.77	3.29

TC = Total Capacity (kBtu/h).

PI = Power Input (kW).

Nominal capacity as rated: 0 ft. above sea level with 25 ft. of refrigerant piping.
0 ft. level difference between outdoor and indoor units.

Nominal heating capacity rating obtained with air entering the indoor unit at 70°F dry bulb (DB) and 60°F wet bulb (WB), and outdoor ambient conditions of 47°F dry bulb (DB) and 43°F wet bulb (WB).

Due to our policy of continuous product innovation, some specifications may change without notification.
©LG Electronics U.S.A., Inc., Englewood Cliffs, NJ. All rights reserved. "LG" is a registered trademark of LG Corp.

PERFORMANCE DATA

Heating Capacity Tables

Table 91: LMU369HV Heating Capacity Table — Non-Ducted Indoor Units (continued).

Connected Indoor Units	Combination Capacity Index	Outdoor Air Temp.		Indoor Air Temp. °F DB											
		°F	°F	61		64		68		70		72		75	
		DB	WB	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
Four (4) Non-Ducted Indoor Units	9 + 9 + 9 + 9	0	-0.4	19.13	2.35	18.00	2.44	18.01	2.48	17.60	2.50	17.27	2.51	16.54	2.60
		5	4.5	22.94	2.43	21.87	2.52	21.55	2.57	21.09	2.60	20.72	2.62	19.89	2.71
		10	9	25.49	2.51	24.46	2.59	23.92	2.66	23.43	2.69	23.04	2.72	22.13	2.81
		17	15	28.29	2.61	27.31	2.69	26.52	2.77	**26.00**	**2.82**	25.58	2.86	24.60	2.94
		20	19	29.99	2.67	29.03	2.76	28.10	2.85	27.56	2.90	27.13	2.95	26.10	3.03
		25	23	32.82	2.79	31.85	2.87	30.74	2.98	30.16	3.04	29.69	3.09	28.57	3.17
		30	28	35.66	2.92	34.55	3.02	33.37	3.11	32.75	3.18	32.26	3.24	31.08	3.32
		35	32	38.49	3.06	37.27	3.16	36.00	3.25	35.35	3.32	34.83	3.38	33.58	3.46
		40	36	40.46	3.14	39.32	3.25	38.07	3.35	37.41	3.42	36.88	3.47	35.54	3.56
		45	41	42.91	3.26	41.88	3.37	40.65	3.47	39.97	3.53	39.43	3.58	38.00	3.69
		47	43	43.89	3.30	42.91	3.41	41.68	3.52	**41.00**	**3.58**	40.46	3.63	38.98	3.74
		50	46	44.02	3.28	43.13	3.38	42.06	3.48	41.45	3.53	40.96	3.57	39.58	3.67
		55	51	44.23	3.25	43.50	3.33	42.69	3.40	42.20	3.44	41.81	3.47	40.58	3.55
		60	56	44.45	3.21	43.87	3.27	43.33	3.33	42.96	3.36	42.66	3.38	41.57	3.43
		63	59	44.58	3.19	44.09	3.24	43.71	3.29	43.41	3.31	43.17	3.32	42.17	3.36
		68	64	44.70	3.17	44.31	3.21	44.09	3.25	43.87	3.26	43.69	3.26	42.77	3.29
	9 + 9 + 9 + 12	0	-0.4	19.13	2.35	18.00	2.44	18.01	2.48	17.60	2.50	17.27	2.51	16.54	2.60
		5	4.5	22.94	2.43	21.87	2.52	21.55	2.57	21.09	2.60	20.72	2.62	19.89	2.71
		10	9	25.49	2.51	24.46	2.59	23.92	2.66	23.43	2.69	23.04	2.72	22.13	2.81
		17	15	28.29	2.61	27.31	2.69	26.52	2.77	**26.00**	**2.82**	25.58	2.86	24.60	2.94
		20	19	29.99	2.67	29.03	2.76	28.10	2.85	27.56	2.90	27.13	2.95	26.10	3.03
		25	23	32.82	2.79	31.85	2.87	30.74	2.98	30.16	3.04	29.69	3.09	28.57	3.17
		30	28	35.66	2.92	34.55	3.02	33.37	3.11	32.75	3.18	32.26	3.24	31.08	3.32
		35	32	38.49	3.06	37.27	3.16	36.00	3.25	35.35	3.32	34.83	3.38	33.58	3.46
		40	36	40.46	3.14	39.32	3.25	38.07	3.35	37.41	3.42	36.88	3.47	35.54	3.56
		45	41	42.91	3.26	41.88	3.37	40.65	3.47	39.97	3.53	39.43	3.58	38.00	3.69
		47	43	43.89	3.30	42.91	3.41	41.68	3.52	**41.00**	**3.58**	40.46	3.63	38.98	3.74
		50	46	44.02	3.28	43.13	3.38	42.06	3.48	41.45	3.53	40.96	3.57	39.58	3.67
		55	51	44.23	3.25	43.50	3.33	42.69	3.40	42.20	3.44	41.81	3.47	40.58	3.55
		60	56	44.45	3.21	43.87	3.27	43.33	3.33	42.96	3.36	42.66	3.38	41.57	3.43
		63	59	44.58	3.19	44.09	3.24	43.71	3.29	43.41	3.31	43.17	3.32	42.17	3.36
		68	64	44.70	3.17	44.31	3.21	44.09	3.25	43.87	3.26	43.69	3.26	42.77	3.29
	9 + 9 + 12 + 12	0	-0.4	19.13	2.35	18.00	2.44	18.01	2.48	17.60	2.50	17.27	2.51	16.54	2.60
		5	4.5	22.94	2.43	21.87	2.52	21.55	2.57	21.09	2.60	20.72	2.62	19.89	2.71
		10	9	25.49	2.51	24.46	2.59	23.92	2.66	23.43	2.69	23.04	2.72	22.13	2.81
		17	15	28.29	2.61	27.31	2.69	26.52	2.77	**26.00**	**2.82**	25.58	2.86	24.60	2.94
		20	19	29.99	2.67	29.03	2.76	28.10	2.85	27.56	2.90	27.13	2.95	26.10	3.03
		25	23	32.82	2.79	31.85	2.87	30.74	2.98	30.16	3.04	29.69	3.09	28.57	3.17
		30	28	35.66	2.92	34.55	3.02	33.37	3.11	32.75	3.18	32.26	3.24	31.08	3.32
		35	32	38.49	3.06	37.27	3.16	36.00	3.25	35.35	3.32	34.83	3.38	33.58	3.46
		40	36	40.46	3.14	39.32	3.25	38.07	3.35	37.41	3.42	36.88	3.47	35.54	3.56
		45	41	42.91	3.26	41.88	3.37	40.65	3.47	39.97	3.53	39.43	3.58	38.00	3.69
		47	43	43.89	3.30	42.91	3.41	41.68	3.52	**41.00**	**3.58**	40.46	3.63	38.98	3.74
		50	46	44.02	3.28	43.13	3.38	42.06	3.48	41.45	3.53	40.96	3.57	39.58	3.67
		55	51	44.23	3.25	43.50	3.33	42.69	3.40	42.20	3.44	41.81	3.47	40.58	3.55
		60	56	44.45	3.21	43.87	3.27	43.33	3.33	42.96	3.36	42.66	3.38	41.57	3.43
		63	59	44.58	3.19	44.09	3.24	43.71	3.29	43.41	3.31	43.17	3.32	42.17	3.36
		68	64	44.70	3.17	44.31	3.21	44.09	3.25	43.87	3.26	43.69	3.26	42.77	3.29

TC = Total Capacity (kBtu/h).

PI = Power Input (kW).

Nominal capacity as rated: 0 ft. above sea level with 25 ft. of refrigerant piping.
0 ft. level difference between outdoor and indoor units.

Nominal heating capacity rating obtained with air entering the indoor unit at 70°F dry bulb (DB) and 60°F wet bulb (WB), and outdoor ambient conditions of 47°F dry bulb (DB) and 43°F wet bulb (WB).

Due to our policy of continuous product innovation, some specifications may change without notification.
©LG Electronics U.S.A., Inc., Englewood Cliffs, NJ. All rights reserved. "LG" is a registered trademark of LG Corp.

Table 92: LMU369HV Heating Capacity Table — Non-Ducted Indoor Units (continued).

Connected Indoor Units	Combination Capacity Index	Outdoor Air Temp.		Indoor Air Temp. °F DB											
				61		64		68		70		72		75	
		°F DB	°F WB	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
Four (4) Non-Ducted Indoor Units	9 + 12 + 12 + 12	0	-0.4	19.13	2.35	18.00	2.44	18.01	2.48	17.60	2.50	17.27	2.51	16.54	2.60
		5	4.5	22.94	2.43	21.87	2.52	21.55	2.57	21.09	2.60	20.72	2.62	19.89	2.71
		10	9	25.49	2.51	24.46	2.59	23.92	2.66	23.43	2.69	23.04	2.72	22.13	2.81
		17	15	28.29	2.61	27.31	2.69	26.52	2.77	**26.00**	**2.82**	25.58	2.86	24.60	2.94
		20	19	29.99	2.67	29.03	2.76	28.10	2.85	27.56	2.90	27.13	2.95	26.10	3.03
		25	23	32.82	2.79	31.85	2.87	30.74	2.98	30.16	3.04	29.69	3.09	28.57	3.17
		30	28	35.66	2.92	34.55	3.02	33.37	3.11	32.75	3.18	32.26	3.24	31.08	3.32
		35	32	38.49	3.06	37.27	3.16	36.00	3.25	35.35	3.32	34.83	3.38	33.58	3.46
		40	36	40.46	3.14	39.32	3.25	38.07	3.35	37.41	3.42	36.88	3.47	35.54	3.56
		45	41	42.91	3.26	41.88	3.37	40.65	3.47	39.97	3.53	39.43	3.58	38.00	3.69
		47	43	43.89	3.30	42.91	3.41	41.68	3.52	**41.00**	**3.58**	40.46	3.63	38.98	3.74
		50	46	44.02	3.28	43.13	3.38	42.06	3.48	41.45	3.53	40.96	3.57	39.58	3.67
		55	51	44.23	3.25	43.50	3.33	42.69	3.40	42.20	3.44	41.81	3.47	40.58	3.55
		60	56	44.45	3.21	43.87	3.27	43.33	3.33	42.96	3.36	42.66	3.38	41.57	3.43
		63	59	44.58	3.19	44.09	3.24	43.71	3.29	43.41	3.31	43.17	3.32	42.17	3.36
		68	64	44.70	3.17	44.31	3.21	44.09	3.25	43.87	3.26	43.69	3.26	42.77	3.29
	9 + 9 + 9 + 18	0	-0.4	19.13	2.35	18.00	2.44	18.01	2.48	17.60	2.50	17.27	2.51	16.54	2.60
		5	4.5	22.94	2.43	21.87	2.52	21.55	2.57	21.09	2.60	20.72	2.62	19.89	2.71
		10	9	25.49	2.51	24.46	2.59	23.92	2.66	23.43	2.69	23.04	2.72	22.13	2.81
		17	15	28.29	2.61	27.31	2.69	26.52	2.77	**26.00**	**2.82**	25.58	2.86	24.60	2.94
		20	19	29.99	2.67	29.03	2.76	28.10	2.85	27.56	2.90	27.13	2.95	26.10	3.03
		25	23	32.82	2.79	31.85	2.87	30.74	2.98	30.16	3.04	29.69	3.09	28.57	3.17
		30	28	35.66	2.92	34.55	3.02	33.37	3.11	32.75	3.18	32.26	3.24	31.08	3.32
		35	32	38.49	3.06	37.27	3.16	36.00	3.25	35.35	3.32	34.83	3.38	33.58	3.46
		40	36	40.46	3.14	39.32	3.25	38.07	3.35	37.41	3.42	36.88	3.47	35.54	3.56
		45	41	42.91	3.26	41.88	3.37	40.65	3.47	39.97	3.53	39.43	3.58	38.00	3.69
		47	43	43.89	3.30	42.91	3.41	41.68	3.52	**41.00**	**3.58**	40.46	3.63	38.98	3.74
		50	46	44.02	3.28	43.13	3.38	42.06	3.48	41.45	3.53	40.96	3.57	39.58	3.67
		55	51	44.23	3.25	43.50	3.33	42.69	3.40	42.20	3.44	41.81	3.47	40.58	3.55
		60	56	44.45	3.21	43.87	3.27	43.33	3.33	42.96	3.36	42.66	3.38	41.57	3.43
		63	59	44.58	3.19	44.09	3.24	43.71	3.29	43.41	3.31	43.17	3.32	42.17	3.36
		68	64	44.70	3.17	44.31	3.21	44.09	3.25	43.87	3.26	43.69	3.26	42.77	3.29
	9 + 9 + 12 + 18	0	-0.4	19.13	2.35	18.00	2.44	18.01	2.48	17.60	2.50	17.27	2.51	16.54	2.60
		5	4.5	22.94	2.43	21.87	2.52	21.55	2.57	21.09	2.60	20.72	2.62	19.89	2.71
		10	9	25.49	2.51	24.46	2.59	23.92	2.66	23.43	2.69	23.04	2.72	22.13	2.81
		17	15	28.29	2.61	27.31	2.69	26.52	2.77	**26.00**	**2.82**	25.58	2.86	24.60	2.94
		20	19	29.99	2.67	29.03	2.76	28.10	2.85	27.56	2.90	27.13	2.95	26.10	3.03
		25	23	32.82	2.79	31.85	2.87	30.74	2.98	30.16	3.04	29.69	3.09	28.57	3.17
		30	28	35.66	2.92	34.55	3.02	33.37	3.11	32.75	3.18	32.26	3.24	31.08	3.32
		35	32	38.49	3.06	37.27	3.16	36.00	3.25	35.35	3.32	34.83	3.38	33.58	3.46
		40	36	40.46	3.14	39.32	3.25	38.07	3.35	37.41	3.42	36.88	3.47	35.54	3.56
		45	41	42.91	3.26	41.88	3.37	40.65	3.47	39.97	3.53	39.43	3.58	38.00	3.69
		47	43	43.89	3.30	42.91	3.41	41.68	3.52	**41.00**	**3.58**	40.46	3.63	38.98	3.74
		50	46	44.02	3.28	43.13	3.38	42.06	3.48	41.45	3.53	40.96	3.57	39.58	3.67
		55	51	44.23	3.25	43.50	3.33	42.69	3.40	42.20	3.44	41.81	3.47	40.58	3.55
		60	56	44.45	3.21	43.87	3.27	43.33	3.33	42.96	3.36	42.66	3.38	41.57	3.43
		63	59	44.58	3.19	44.09	3.24	43.71	3.29	43.41	3.31	43.17	3.32	42.17	3.36
		68	64	44.70	3.17	44.31	3.21	44.09	3.25	43.87	3.26	43.69	3.26	42.77	3.29

TC = Total Capacity (kBtu/h).

PI = Power Input (kW).

Nominal capacity as rated: 0 ft. above sea level with 25 ft. of refrigerant piping.
0 ft. level difference between outdoor and indoor units.

Nominal heating capacity rating obtained with air entering the indoor unit at 70ºF dry bulb (DB) and 60ºF wet bulb (WB), and outdoor ambient conditions of 47ºF dry bulb (DB) and 43ºF wet bulb (WB).

Due to our policy of continuous product innovation, some specifications may change without notification.
©LG Electronics U.S.A., Inc., Englewood Cliffs, NJ. All rights reserved. "LG" is a registered trademark of LG Corp.

PERFORMANCE DATA

Heating Capacity Tables

Table 93: LMU369HV Heating Capacity Table — Non-Ducted Indoor Unit (continued) / Ducted Indoor Units.

Connected Indoor Units	Combination Capacity Index	Outdoor Air Temp.		Indoor Air Temp. °F DB											
		°F	°F	61		64		68		70		72		75	
		DB	WB	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
Four (4) Non-Ducted Indoor Units	12 + 12 + 12 + 12	0	-0.4	19.13	2.35	18.00	2.44	18.01	2.48	17.60	2.50	17.27	2.51	16.54	2.60
		5	4.5	22.94	2.43	21.87	2.52	21.55	2.57	21.09	2.60	20.72	2.62	19.89	2.71
		10	9	25.49	2.51	24.46	2.59	23.92	2.66	23.43	2.69	23.04	2.72	22.13	2.81
		17	15	28.29	2.61	27.31	2.69	26.52	2.77	**26.00**	**2.82**	25.58	2.86	24.60	2.94
		20	19	29.99	2.67	29.03	2.76	28.10	2.85	27.56	2.90	27.13	2.95	26.10	3.03
		25	23	32.82	2.79	31.85	2.87	30.74	2.98	30.16	3.04	29.69	3.09	28.57	3.17
		30	28	35.66	2.92	34.55	3.02	33.37	3.11	32.75	3.18	32.26	3.24	31.08	3.32
		35	32	38.49	3.06	37.27	3.16	36.00	3.25	35.35	3.32	34.83	3.38	33.58	3.46
		40	36	40.46	3.14	39.32	3.25	38.07	3.35	37.41	3.42	36.88	3.47	35.54	3.56
		45	41	42.91	3.26	41.88	3.37	40.65	3.47	39.97	3.53	39.43	3.58	38.00	3.69
		47	43	43.89	3.30	42.91	3.41	41.68	3.52	**41.00**	**3.58**	40.46	3.63	38.98	3.74
		50	46	44.02	3.28	43.13	3.38	42.06	3.48	41.45	3.53	40.96	3.57	39.58	3.67
		55	51	44.23	3.25	43.50	3.33	42.69	3.40	42.20	3.44	41.81	3.47	40.58	3.55
		60	56	44.45	3.21	43.87	3.27	43.33	3.33	42.96	3.36	42.66	3.38	41.57	3.43
		63	59	44.58	3.19	44.09	3.24	43.71	3.29	43.41	3.31	43.17	3.32	42.17	3.36
		68	64	44.70	3.17	44.31	3.21	44.09	3.25	43.87	3.26	43.69	3.26	42.77	3.29
Two (2) Ducted Indoor Units	9 + 9	0	-0.4	11.12	1.52	10.48	1.58	10.46	1.61	10.23	1.62	10.04	1.63	9.62	1.69
		5	4.5	12.75	1.56	12.17	1.62	11.98	1.65	11.73	1.67	11.52	1.68	11.06	1.74
		10	9	13.85	1.59	13.29	1.65	12.99	1.69	12.73	1.71	12.52	1.73	12.03	1.79
		17	15	15.05	1.64	14.53	1.69	14.11	1.74	**13.83**	**1.77**	13.61	1.80	13.09	1.85
		20	19	15.78	1.67	15.28	1.72	14.79	1.78	14.50	1.81	14.28	1.84	13.73	1.89
		25	23	17.00	1.73	16.49	1.78	15.92	1.84	15.62	1.88	15.38	1.91	14.80	1.96
		30	28	18.22	1.79	17.65	1.85	17.05	1.91	16.73	1.95	16.48	1.98	15.88	2.03
		35	32	19.43	1.85	18.82	1.92	18.17	1.97	17.85	2.01	17.59	2.05	16.95	2.10
		40	36	20.42	1.91	19.85	1.97	19.22	2.03	18.89	2.07	18.62	2.10	17.94	2.16
		45	41	21.66	1.97	21.15	2.04	20.52	2.10	20.18	2.14	19.91	2.17	19.19	2.24
		47	43	22.16	2.00	21.66	2.07	21.04	2.13	**20.70**	**2.17**	20.42	2.20	19.68	2.27
		50	46	22.22	1.99	21.77	2.05	21.24	2.11	20.93	2.14	20.68	2.16	19.98	2.22
		55	51	22.33	1.97	21.96	2.02	21.56	2.06	21.31	2.09	21.11	2.11	20.49	2.15
		60	56	22.44	1.95	22.15	1.98	21.88	2.02	21.69	2.04	21.54	2.05	20.99	2.08
		63	59	22.51	1.93	22.26	1.96	22.07	1.99	21.92	2.00	21.80	2.01	21.29	2.04
		68	64	22.57	1.92	22.37	1.95	22.26	1.97	22.15	1.97	22.06	1.98	21.59	1.99
	9 + 12	0	-0.4	12.97	1.80	12.23	1.86	12.21	1.89	11.93	1.91	11.71	1.92	11.22	1.99
		5	4.5	14.88	1.84	14.19	1.91	13.98	1.95	13.68	1.97	13.44	1.99	12.90	2.05
		10	9	16.16	1.88	15.51	1.94	15.16	1.99	14.85	2.02	14.60	2.04	14.03	2.11
		17	15	17.56	1.93	16.95	2.00	16.46	2.06	**16.14**	**2.09**	15.88	2.12	15.27	2.18
		20	19	18.41	1.97	17.83	2.03	17.25	2.10	16.92	2.14	16.65	2.17	16.02	2.23
		25	23	19.83	2.04	19.24	2.10	18.57	2.17	18.22	2.22	17.94	2.25	17.26	2.31
		30	28	21.25	2.11	20.59	2.18	19.89	2.25	19.52	2.30	19.23	2.34	18.52	2.40
		35	32	22.67	2.18	21.95	2.26	21.20	2.32	20.82	2.38	20.52	2.42	19.78	2.48
		40	36	23.83	2.25	23.16	2.33	22.42	2.39	22.03	2.44	21.72	2.48	20.94	2.55
		45	41	25.27	2.33	24.67	2.41	23.94	2.48	23.55	2.53	23.23	2.56	22.38	2.64
		47	43	25.85	2.36	25.27	2.44	24.55	2.52	**24.15**	**2.56**	23.83	2.59	22.96	2.67
		50	46	25.93	2.35	25.40	2.42	24.78	2.49	24.42	2.52	24.13	2.55	23.31	2.62
		55	51	26.05	2.32	25.62	2.38	25.15	2.43	24.86	2.46	24.63	2.48	23.90	2.54
		60	56	26.18	2.30	25.84	2.34	25.52	2.38	25.30	2.40	25.13	2.42	24.49	2.45
		63	59	26.26	2.28	25.97	2.32	25.75	2.35	25.57	2.36	25.43	2.37	24.84	2.40
		68	64	26.33	2.27	26.10	2.30	25.97	2.32	25.84	2.33	25.73	2.33	25.19	2.35

TC = Total Capacity (kBtu/h).

PI = Power Input (kW).

Nominal capacity as rated: 0 ft. above sea level with 25 ft. of refrigerant piping.
0 ft. level difference between outdoor and indoor units.

Nominal heating capacity rating obtained with air entering the indoor unit at 70°F dry bulb (DB) and 60°F wet bulb (WB), and outdoor ambient conditions of 47°F dry bulb (DB) and 43°F wet bulb (WB).

Due to our policy of continuous product innovation, some specifications may change without notification.
©LG Electronics U.S.A., Inc., Englewood Cliffs, NJ. All rights reserved. "LG" is a registered trademark of LG Corp.

PERFORMANCE DATA

Heating Capacity Tables

Table 94: LMU369HV Heating Capacity Table — Ducted Indoor Units.

Connected Indoor Units	Combination Capacity Index	Outdoor Air Temp.		Indoor Air Temp. °F DB											
		°F	°F	61		64		68		70		72		75	
		DB	WB	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
Two (2) Ducted Indoor Units	12 + 12	0	-0.4	14.83	1.89	13.98	1.96	13.95	1.99	13.64	2.01	13.38	2.02	12.82	2.09
		5	4.5	17.01	1.93	16.22	2.00	15.97	2.04	15.63	2.07	15.36	2.09	14.75	2.16
		10	9	18.46	1.98	17.72	2.04	17.33	2.10	16.97	2.12	16.69	2.15	16.03	2.21
		17	15	20.07	2.03	19.37	2.10	18.81	2.16	**18.44**	**2.20**	18.15	2.23	17.45	2.29
		20	19	21.04	2.07	20.37	2.13	19.72	2.21	19.34	2.25	19.03	2.28	18.31	2.34
		25	23	22.66	2.14	21.99	2.20	21.23	2.28	20.82	2.33	20.50	2.37	19.73	2.43
		30	28	24.29	2.22	23.54	2.29	22.73	2.36	22.31	2.41	21.98	2.46	21.17	2.52
		35	32	25.91	2.30	25.09	2.38	24.23	2.44	23.80	2.50	23.45	2.54	22.60	2.60
		40	36	27.23	2.36	26.47	2.45	25.62	2.51	25.18	2.57	24.83	2.61	23.93	2.68
		45	41	28.88	2.45	28.19	2.53	27.36	2.61	26.91	2.65	26.55	2.69	25.58	2.77
		47	43	29.54	2.48	28.88	2.56	28.06	2.64	**27.60**	**2.69**	27.23	2.73	26.24	2.81
		50	46	29.63	2.46	29.03	2.54	28.31	2.61	27.90	2.65	27.58	2.68	26.64	2.76
		55	51	29.78	2.44	29.28	2.50	28.74	2.56	28.41	2.59	28.15	2.61	27.31	2.67
		60	56	29.92	2.41	29.53	2.46	29.17	2.50	28.92	2.52	28.72	2.54	27.98	2.58
		63	59	30.01	2.40	29.68	2.44	29.42	2.47	29.22	2.48	29.06	2.49	28.39	2.52
		68	64	30.09	2.38	29.83	2.41	29.68	2.44	29.53	2.45	29.41	2.45	28.79	2.47
	9 + 18	0	-0.4	16.68	2.12	15.73	2.20	15.69	2.23	15.34	2.25	15.06	2.27	14.42	2.35
		5	4.5	19.13	2.17	18.25	2.25	17.97	2.30	17.59	2.32	17.29	2.34	16.59	2.42
		10	9	20.77	2.22	19.94	2.29	19.49	2.35	19.09	2.38	18.78	2.41	18.04	2.49
		17	15	22.58	2.28	21.79	2.35	21.17	2.43	**20.75**	**2.47**	20.42	2.50	19.63	2.57
		20	19	23.67	2.32	22.92	2.40	22.18	2.48	21.75	2.52	21.41	2.56	20.60	2.63
		25	23	25.49	2.40	24.74	2.47	23.88	2.56	23.43	2.62	23.07	2.66	22.20	2.73
		30	28	27.32	2.49	26.48	2.57	25.57	2.65	25.10	2.71	24.72	2.76	23.82	2.83
		35	32	29.15	2.58	28.22	2.67	27.26	2.74	26.77	2.80	26.38	2.85	25.43	2.92
		40	36	30.64	2.65	29.78	2.74	28.83	2.82	28.33	2.88	27.93	2.93	26.92	3.01
		45	41	32.49	2.75	31.72	2.84	30.78	2.93	30.27	2.98	29.86	3.02	28.78	3.11
		47	43	33.24	2.78	32.49	2.88	31.57	2.97	**31.05**	**3.02**	30.64	3.06	29.52	3.15
		50	46	33.33	2.77	32.66	2.85	31.85	2.93	31.39	2.98	31.02	3.01	29.98	3.09
		55	51	33.50	2.74	32.94	2.81	32.33	2.87	31.96	2.90	31.67	2.93	30.73	2.99
		60	56	33.66	2.71	33.22	2.76	32.81	2.81	32.53	2.83	32.31	2.85	31.48	2.89
		63	59	33.76	2.69	33.39	2.73	33.10	2.78	32.87	2.79	32.69	2.80	31.93	2.83
		68	64	33.86	2.67	33.56	2.71	33.39	2.74	33.22	2.75	33.08	2.75	32.39	2.78
	12 + 18	0	-0.4	18.53	2.35	17.47	2.44	17.44	2.48	17.05	2.50	16.73	2.52	16.03	2.61
		5	4.5	21.26	2.41	20.28	2.49	19.96	2.55	19.54	2.58	19.21	2.60	18.43	2.69
		10	9	23.08	2.46	22.15	2.54	21.66	2.61	21.22	2.64	20.86	2.67	20.04	2.76
		17	15	25.09	2.53	24.21	2.61	23.52	2.69	**23.06**	**2.74**	22.69	2.77	21.81	2.85
		20	19	26.30	2.58	25.46	2.66	24.64	2.75	24.17	2.80	23.79	2.84	22.89	2.92
		25	23	28.33	2.66	27.49	2.74	26.53	2.85	26.03	2.90	25.63	2.95	24.66	3.03
		30	28	30.36	2.76	29.42	2.85	28.41	2.94	27.89	3.01	27.47	3.06	26.46	3.13
		35	32	32.39	2.86	31.36	2.96	30.29	3.04	29.75	3.11	29.31	3.17	28.25	3.24
		40	36	34.04	2.94	33.08	3.04	32.03	3.13	31.48	3.20	31.03	3.25	29.91	3.34
		45	41	36.10	3.05	35.24	3.15	34.20	3.25	33.64	3.31	33.18	3.35	31.98	3.45
		47	43	36.93	3.09	36.10	3.19	35.07	3.29	**34.50**	**3.35**	34.04	3.40	32.80	3.50
		50	46	37.04	3.07	36.29	3.16	35.39	3.25	34.88	3.30	34.47	3.34	33.31	3.43
		55	51	37.22	3.04	36.60	3.11	35.93	3.19	35.51	3.22	35.18	3.25	34.14	3.32
		60	56	37.40	3.00	36.91	3.06	36.46	3.12	36.15	3.14	35.90	3.16	34.98	3.21
		63	59	37.51	2.99	37.10	3.03	36.78	3.08	36.53	3.09	36.33	3.11	35.48	3.14
		68	64	37.62	2.97	37.29	3.00	37.10	3.04	36.91	3.05	36.76	3.05	35.99	3.08

TC = Total Capacity (kBtu/h).

PI = Power Input (kW).

Nominal capacity as rated: 0 ft. above sea level with 25 ft. of refrigerant piping.
0 ft. level difference between outdoor and indoor units.

Nominal heating capacity rating obtained with air entering the indoor unit at 70°F dry bulb (DB) and 60°F wet bulb (WB), and outdoor ambient conditions of 47°F dry bulb (DB) and 43°F wet bulb (WB).

Due to our policy of continuous product innovation, some specifications may change without notification.
©LG Electronics U.S.A., Inc., Englewood Cliffs, NJ. All rights reserved. "LG" is a registered trademark of LG Corp.

PERFORMANCE DATA

Heating Capacity Tables

Table 95: LMU369HV Heating Capacity Table — Ducted Indoor Units (continued).

Connected Indoor Units	Combination Capacity Index	Outdoor Air Temp.		Indoor Air Temp. °F DB											
		°F	°F	61		64		68		70		72		75	
		DB	WB	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
Two (2) Ducted Indoor Units	18 + 18	0	-0.4	19.34	2.45	18.23	2.54	18.20	2.58	17.79	2.60	17.46	2.62	16.72	2.72
		5	4.5	22.18	2.51	21.16	2.60	20.83	2.65	20.39	2.68	20.04	2.71	19.23	2.80
		10	9	24.08	2.56	23.11	2.65	22.60	2.72	22.14	2.76	21.77	2.79	20.91	2.87
		17	15	26.18	2.64	25.27	2.72	24.54	2.81	**24.06**	**2.85**	23.67	2.89	22.76	2.97
		20	19	27.45	2.69	26.57	2.77	25.72	2.86	25.22	2.92	24.83	2.96	23.88	3.04
		25	23	29.56	2.78	28.68	2.86	27.69	2.96	27.16	3.02	26.74	3.07	25.74	3.15
		30	28	31.68	2.88	30.70	2.97	29.65	3.06	29.10	3.13	28.67	3.19	27.61	3.27
		35	32	33.80	2.98	32.72	3.09	31.61	3.16	31.04	3.24	30.59	3.30	29.48	3.38
		40	36	35.52	3.07	34.52	3.17	33.42	3.26	32.84	3.33	32.38	3.38	31.21	3.47
		45	41	37.67	3.17	36.77	3.28	35.69	3.38	35.10	3.44	34.62	3.49	33.37	3.60
		47	43	38.54	3.22	37.67	3.32	36.60	3.43	**36.00**	**3.49**	35.52	3.54	34.23	3.64
		50	46	38.65	3.20	37.87	3.29	36.93	3.39	36.40	3.44	35.97	3.48	34.75	3.57
		55	51	38.84	3.16	38.19	3.24	37.49	3.32	37.06	3.36	36.71	3.39	35.63	3.46
		60	56	39.03	3.13	38.52	3.19	38.04	3.25	37.72	3.27	37.46	3.29	36.50	3.34
		63	59	39.14	3.11	38.71	3.16	38.38	3.21	38.12	3.22	37.91	3.24	37.02	3.28
		68	64	39.25	3.09	38.91	3.13	38.71	3.17	38.52	3.17	38.36	3.18	37.56	3.21
	24 + 9	0	-0.4	20.41	2.58	19.25	2.68	19.21	2.72	18.77	2.75	18.43	2.76	17.65	2.86
		5	4.5	23.41	2.64	22.33	2.74	21.99	2.80	21.53	2.83	21.15	2.85	20.30	2.95
		10	9	25.42	2.70	24.40	2.80	23.85	2.87	23.37	2.91	22.98	2.94	22.08	3.03
		17	15	27.63	2.78	26.67	2.87	25.90	2.96	**25.40**	**3.01**	24.99	3.05	24.03	3.14
		20	19	28.97	2.83	28.05	2.92	27.15	3.02	26.62	3.08	26.21	3.12	25.21	3.21
		25	23	31.20	2.93	30.28	3.01	29.22	3.13	28.67	3.19	28.23	3.24	27.17	3.32
		30	28	33.44	3.03	32.41	3.13	31.29	3.23	30.72	3.30	30.26	3.36	29.15	3.44
		35	32	35.68	3.14	34.54	3.25	33.36	3.34	32.77	3.42	32.29	3.48	31.12	3.56
		40	36	37.50	3.23	36.44	3.34	35.28	3.44	34.67	3.51	34.18	3.57	32.94	3.66
		45	41	39.77	3.35	38.82	3.46	37.67	3.57	37.05	3.63	36.55	3.68	35.22	3.79
		47	43	40.68	3.39	39.77	3.51	38.63	3.62	**38.00**	**3.68**	37.50	3.73	36.13	3.84
		50	46	40.80	3.37	39.97	3.47	38.98	3.57	38.42	3.63	37.97	3.67	36.68	3.77
		55	51	41.00	3.34	40.32	3.42	39.57	3.50	39.12	3.54	38.75	3.57	37.61	3.65
		60	56	41.19	3.30	40.66	3.36	40.16	3.43	39.81	3.45	39.54	3.47	38.53	3.53
		63	59	41.31	3.28	40.86	3.33	40.51	3.38	40.23	3.40	40.01	3.41	39.08	3.45
		68	64	41.43	3.26	41.07	3.30	40.87	3.34	40.66	3.35	40.49	3.35	39.64	3.38
	24 + 12	0	-0.4	20.41	2.58	19.25	2.68	19.21	2.72	18.77	2.75	18.43	2.76	17.65	2.86
		5	4.5	23.41	2.64	22.33	2.74	21.99	2.80	21.53	2.83	21.15	2.85	20.30	2.95
		10	9	25.42	2.70	24.40	2.80	23.85	2.87	23.37	2.91	22.98	2.94	22.08	3.03
		17	15	27.63	2.78	26.67	2.87	25.90	2.96	**25.40**	**3.01**	24.99	3.05	24.03	3.14
		20	19	28.97	2.83	28.05	2.92	27.15	3.02	26.62	3.08	26.21	3.12	25.21	3.21
		25	23	31.20	2.93	30.28	3.01	29.22	3.13	28.67	3.19	28.23	3.24	27.17	3.32
		30	28	33.44	3.03	32.41	3.13	31.29	3.23	30.72	3.30	30.26	3.36	29.15	3.44
		35	32	35.68	3.14	34.54	3.25	33.36	3.34	32.77	3.42	32.29	3.48	31.12	3.56
		40	36	37.50	3.23	36.44	3.34	35.28	3.44	34.67	3.51	34.18	3.57	32.94	3.66
		45	41	39.77	3.35	38.82	3.46	37.67	3.57	37.05	3.63	36.55	3.68	35.22	3.79
		47	43	40.68	3.39	39.77	3.51	38.63	3.62	**38.00**	**3.68**	37.50	3.73	36.13	3.84
		50	46	40.80	3.37	39.97	3.47	38.98	3.57	38.42	3.63	37.97	3.67	36.68	3.77
		55	51	41.00	3.34	40.32	3.42	39.57	3.50	39.12	3.54	38.75	3.57	37.61	3.65
		60	56	41.19	3.30	40.66	3.36	40.16	3.43	39.81	3.45	39.54	3.47	38.53	3.53
		63	59	41.31	3.28	40.86	3.33	40.51	3.38	40.23	3.40	40.01	3.41	39.08	3.45
		68	64	41.43	3.26	41.07	3.30	40.87	3.34	40.66	3.35	40.49	3.35	39.64	3.38

TC = Total Capacity (kBtu/h).

PI = Power Input (kW).

Nominal capacity as rated: 0 ft. above sea level with 25 ft. of refrigerant piping.
0 ft. level difference between outdoor and indoor units.

Nominal heating capacity rating obtained with air entering the indoor unit at 70°F dry bulb (DB) and 60°F wet bulb (WB), and outdoor ambient conditions of 47°F dry bulb (DB) and 43°F wet bulb (WB).

Due to our policy of continuous product innovation, some specifications may change without notification.
©LG Electronics U.S.A., Inc., Englewood Cliffs, NJ. All rights reserved. "LG" is a registered trademark of LG Corp.

Table 96: LMU369HV Heating Capacity Table — Ducted Indoor Units (continued).

Connected Indoor Units	Combination Capacity Index	Outdoor Air Temp.		Indoor Air Temp. °F DB											
		°F	°F	61		64		68		70		72		75	
		DB	WB	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
Three (3) Ducted Indoor Units	9 + 9 + 9	0	-0.4	16.68	2.12	15.73	2.20	15.69	2.23	15.34	2.25	15.06	2.27	14.42	2.35
		5	4.5	19.13	2.17	18.25	2.25	17.97	2.30	17.59	2.32	17.29	2.34	16.59	2.42
		10	9	20.77	2.22	19.94	2.29	19.49	2.35	19.09	2.38	18.78	2.41	18.04	2.49
		17	15	22.58	2.28	21.79	2.35	21.17	2.43	**20.75**	**2.47**	20.42	2.50	19.63	2.57
		20	19	23.67	2.32	22.92	2.40	22.18	2.48	21.75	2.52	21.41	2.56	20.60	2.63
		25	23	25.49	2.40	24.74	2.47	23.88	2.56	23.43	2.62	23.07	2.66	22.20	2.73
		30	28	27.32	2.49	26.48	2.57	25.57	2.65	25.10	2.71	24.72	2.76	23.82	2.83
		35	32	29.15	2.58	28.22	2.67	27.26	2.74	26.77	2.80	26.38	2.85	25.43	2.92
		40	36	30.64	2.65	29.78	2.74	28.83	2.82	28.33	2.88	27.93	2.93	26.92	3.01
		45	41	32.49	2.75	31.72	2.84	30.78	2.93	30.27	2.98	29.86	3.02	28.78	3.11
		47	43	33.24	2.78	32.49	2.88	31.57	2.97	**31.05**	**3.02**	30.64	3.06	29.52	3.15
		50	46	33.33	2.77	32.66	2.85	31.85	2.93	31.39	2.98	31.02	3.01	29.98	3.09
		55	51	33.50	2.74	32.94	2.81	32.33	2.87	31.96	2.90	31.67	2.93	30.73	2.99
		60	56	33.66	2.71	33.22	2.76	32.81	2.81	32.53	2.83	32.31	2.85	31.48	2.89
		63	59	33.76	2.69	33.39	2.73	33.10	2.78	32.87	2.79	32.69	2.80	31.93	2.83
		68	64	33.86	2.67	33.56	2.71	33.39	2.74	33.22	2.75	33.08	2.75	32.39	2.78
	9 + 9 + 12	0	-0.4	18.53	2.35	17.47	2.44	17.44	2.48	17.05	2.50	16.73	2.52	16.03	2.61
		5	4.5	21.26	2.41	20.28	2.49	19.96	2.55	19.54	2.58	19.21	2.60	18.43	2.69
		10	9	23.08	2.46	22.15	2.54	21.66	2.61	21.22	2.64	20.86	2.67	20.04	2.76
		17	15	25.09	2.53	24.21	2.61	23.52	2.69	**23.06**	**2.74**	22.69	2.77	21.81	2.85
		20	19	26.30	2.58	25.46	2.66	24.64	2.75	24.17	2.80	23.79	2.84	22.89	2.92
		25	23	28.33	2.66	27.49	2.74	26.53	2.85	26.03	2.90	25.63	2.95	24.66	3.03
		30	28	30.36	2.76	29.42	2.85	28.41	2.94	27.89	3.01	27.47	3.06	26.46	3.13
		35	32	32.39	2.86	31.36	2.96	30.29	3.04	29.75	3.11	29.31	3.17	28.25	3.24
		40	36	34.04	2.94	33.08	3.04	32.03	3.13	31.48	3.20	31.03	3.25	29.91	3.34
		45	41	36.10	3.05	35.24	3.15	34.20	3.25	33.64	3.31	33.18	3.35	31.98	3.45
		47	43	36.93	3.09	36.10	3.19	35.07	3.29	**34.50**	**3.35**	34.04	3.40	32.80	3.50
		50	46	37.04	3.07	36.29	3.16	35.39	3.25	34.88	3.30	34.47	3.34	33.31	3.43
		55	51	37.22	3.04	36.60	3.11	35.93	3.19	35.51	3.22	35.18	3.25	34.14	3.32
		60	56	37.40	3.00	36.91	3.06	36.46	3.12	36.15	3.14	35.90	3.16	34.98	3.21
		63	59	37.51	2.99	37.10	3.03	36.78	3.08	36.53	3.09	36.33	3.11	35.48	3.14
		68	64	37.62	2.97	37.29	3.00	37.10	3.04	36.91	3.05	36.76	3.05	35.99	3.08
	9 + 12 + 12	0	-0.4	20.39	2.49	19.22	2.59	19.18	2.63	18.75	2.65	18.40	2.67	17.63	2.76
		5	4.5	23.38	2.55	22.30	2.64	21.96	2.70	21.50	2.73	21.13	2.75	20.28	2.85
		10	9	25.39	2.61	24.37	2.70	23.82	2.76	23.34	2.80	22.95	2.83	22.05	2.92
		17	15	27.60	2.68	26.64	2.77	25.87	2.85	**25.36**	**2.90**	24.96	2.94	24.00	3.02
		20	19	28.93	2.73	28.01	2.82	27.11	2.91	26.59	2.97	26.17	3.01	25.18	3.09
		25	23	31.16	2.82	30.24	2.91	29.19	3.02	28.63	3.08	28.19	3.12	27.13	3.21
		30	28	33.40	2.93	32.36	3.02	31.25	3.12	30.68	3.19	30.22	3.24	29.11	3.32
		35	32	35.63	3.03	34.50	3.14	33.32	3.22	32.72	3.29	32.24	3.35	31.08	3.44
		40	36	37.45	3.12	36.39	3.23	35.23	3.32	34.62	3.39	34.13	3.44	32.90	3.53
		45	41	39.72	3.23	38.77	3.34	37.62	3.44	37.00	3.50	36.50	3.55	35.17	3.66
		47	43	40.62	3.27	39.72	3.38	38.58	3.49	**37.95**	**3.55**	37.45	3.60	36.08	3.71
		50	46	40.74	3.25	39.92	3.35	38.93	3.45	38.37	3.50	37.92	3.54	36.64	3.64
		55	51	40.94	3.22	40.26	3.30	39.52	3.38	39.07	3.41	38.70	3.45	37.56	3.52
		60	56	41.14	3.18	40.60	3.25	40.11	3.31	39.76	3.33	39.49	3.35	38.48	3.40
		63	59	41.26	3.16	40.81	3.21	40.46	3.26	40.18	3.28	39.96	3.29	39.03	3.33
		68	64	41.38	3.14	41.02	3.18	40.81	3.22	40.60	3.23	40.44	3.24	39.59	3.26

TC = Total Capacity (kBtu/h).

PI = Power Input (kW).

Nominal capacity as rated: 0 ft. above sea level with 25 ft. of refrigerant piping.
0 ft. level difference between outdoor and indoor units.

Nominal heating capacity rating obtained with air entering the indoor unit at 70°F dry bulb (DB) and 60°F wet bulb (WB), and outdoor ambient conditions of 47°F dry bulb (DB) and 43°F wet bulb (WB).

Due to our policy of continuous product innovation, some specifications may change without notification.
©LG Electronics U.S.A., Inc., Englewood Cliffs, NJ. All rights reserved. "LG" is a registered trademark of LG Corp.

PERFORMANCE DATA

Heating Capacity Tables

Table 97: LMU369HV Heating Capacity Table — Ducted Indoor Units (continued).

Connected Indoor Units	Combination Capacity Index	Outdoor Air Temp.		Indoor Air Temp. °F DB											
		°F	°F	61		64		68		70		72		75	
		DB	WB	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
Three (3) Ducted Indoor Units	12 + 12 + 12	0	-0.4	22.02	2.61	20.77	2.71	20.72	2.75	20.26	2.78	19.88	2.79	19.05	2.89
		5	4.5	25.26	2.67	24.10	2.77	23.73	2.83	23.23	2.86	22.82	2.89	21.90	2.98
		10	9	27.43	2.73	26.32	2.83	25.74	2.90	25.21	2.94	24.79	2.97	23.82	3.06
		17	15	29.81	2.81	28.78	2.90	27.95	2.99	**27.40**	**3.04**	26.96	3.08	25.92	3.17
		20	19	31.26	2.86	30.26	2.95	29.29	3.05	28.73	3.11	28.28	3.15	27.20	3.24
		25	23	33.66	2.96	32.67	3.04	31.53	3.16	30.93	3.22	30.46	3.27	29.31	3.36
		30	28	36.08	3.07	34.96	3.17	33.76	3.27	33.14	3.34	32.65	3.40	31.45	3.48
		35	32	38.49	3.18	37.27	3.29	36.00	3.37	35.35	3.45	34.83	3.52	33.58	3.60
		40	36	40.46	3.27	39.32	3.38	38.07	3.48	37.41	3.55	36.88	3.61	35.54	3.70
		45	41	42.91	3.38	41.88	3.50	40.65	3.61	39.97	3.67	39.43	3.72	38.00	3.83
		47	43	43.89	3.43	42.91	3.54	41.68	3.66	**41.00**	**3.72**	40.46	3.77	38.98	3.88
		50	46	44.02	3.41	43.13	3.51	42.06	3.61	41.45	3.67	40.96	3.71	39.58	3.81
		55	51	44.23	3.37	43.50	3.46	42.69	3.54	42.20	3.58	41.81	3.61	40.58	3.69
		60	56	44.45	3.34	43.87	3.40	43.33	3.46	42.96	3.49	42.66	3.51	41.57	3.56
		63	59	44.58	3.31	44.09	3.37	43.71	3.42	43.41	3.44	43.17	3.45	42.17	3.49
		68	64	44.70	3.29	44.31	3.34	44.09	3.37	43.87	3.38	43.69	3.39	42.77	3.42
	9 + 9 + 18	0	-0.4	22.02	2.61	20.77	2.71	20.72	2.75	20.26	2.78	19.88	2.79	19.05	2.89
		5	4.5	25.26	2.67	24.10	2.77	23.73	2.83	23.23	2.86	22.82	2.89	21.90	2.98
		10	9	27.43	2.73	26.32	2.83	25.74	2.90	25.21	2.94	24.79	2.97	23.82	3.06
		17	15	29.81	2.81	28.78	2.90	27.95	2.99	**27.40**	**3.04**	26.96	3.08	25.92	3.17
		20	19	31.26	2.86	30.26	2.95	29.29	3.05	28.73	3.11	28.28	3.15	27.20	3.24
		25	23	33.66	2.96	32.67	3.04	31.53	3.16	30.93	3.22	30.46	3.27	29.31	3.36
		30	28	36.08	3.07	34.96	3.17	33.76	3.27	33.14	3.34	32.65	3.40	31.45	3.48
		35	32	38.49	3.18	37.27	3.29	36.00	3.37	35.35	3.45	34.83	3.52	33.58	3.60
		40	36	40.46	3.27	39.32	3.38	38.07	3.48	37.41	3.55	36.88	3.61	35.54	3.70
		45	41	42.91	3.38	41.88	3.50	40.65	3.61	39.97	3.67	39.43	3.72	38.00	3.83
		47	43	43.89	3.43	42.91	3.54	41.68	3.66	**41.00**	**3.72**	40.46	3.77	38.98	3.88
		50	46	44.02	3.41	43.13	3.51	42.06	3.61	41.45	3.67	40.96	3.71	39.58	3.81
		55	51	44.23	3.37	43.50	3.46	42.69	3.54	42.20	3.58	41.81	3.61	40.58	3.69
		60	56	44.45	3.34	43.87	3.40	43.33	3.46	42.96	3.49	42.66	3.51	41.57	3.56
		63	59	44.58	3.31	44.09	3.37	43.71	3.42	43.41	3.44	43.17	3.45	42.17	3.49
		68	64	44.70	3.29	44.31	3.34	44.09	3.37	43.87	3.38	43.69	3.39	42.77	3.42
	9 + 12 + 18	0	-0.4	22.02	2.61	20.77	2.71	20.72	2.75	20.26	2.78	19.88	2.79	19.05	2.89
		5	4.5	25.26	2.67	24.10	2.77	23.73	2.83	23.23	2.86	22.82	2.89	21.90	2.98
		10	9	27.43	2.73	26.32	2.83	25.74	2.90	25.21	2.94	24.79	2.97	23.82	3.06
		17	15	29.81	2.81	28.78	2.90	27.95	2.99	**27.40**	**3.04**	26.96	3.08	25.92	3.17
		20	19	31.26	2.86	30.26	2.95	29.29	3.05	28.73	3.11	28.28	3.15	27.20	3.24
		25	23	33.66	2.96	32.67	3.04	31.53	3.16	30.93	3.22	30.46	3.27	29.31	3.36
		30	28	36.08	3.07	34.96	3.17	33.76	3.27	33.14	3.34	32.65	3.40	31.45	3.48
		35	32	38.49	3.18	37.27	3.29	36.00	3.37	35.35	3.45	34.83	3.52	33.58	3.60
		40	36	40.46	3.27	39.32	3.38	38.07	3.48	37.41	3.55	36.88	3.61	35.54	3.70
		45	41	42.91	3.38	41.88	3.50	40.65	3.61	39.97	3.67	39.43	3.72	38.00	3.83
		47	43	43.89	3.43	42.91	3.54	41.68	3.66	**41.00**	**3.72**	40.46	3.77	38.98	3.88
		50	46	44.02	3.41	43.13	3.51	42.06	3.61	41.45	3.67	40.96	3.71	39.58	3.81
		55	51	44.23	3.37	43.50	3.46	42.69	3.54	42.20	3.58	41.81	3.61	40.58	3.69
		60	56	44.45	3.34	43.87	3.40	43.33	3.46	42.96	3.49	42.66	3.51	41.57	3.56
		63	59	44.58	3.31	44.09	3.37	43.71	3.42	43.41	3.44	43.17	3.45	42.17	3.49
		68	64	44.70	3.29	44.31	3.34	44.09	3.37	43.87	3.38	43.69	3.39	42.77	3.42

TC = Total Capacity (kBtu/h).

PI = Power Input (kW).

Nominal capacity as rated: 0 ft. above sea level with 25 ft. of refrigerant piping.
0 ft. level difference between outdoor and indoor units.

Nominal heating capacity rating obtained with air entering the indoor unit at 70°F dry bulb (DB) and 60°F wet bulb (WB), and outdoor ambient conditions of 47°F dry bulb (DB) and 43°F wet bulb (WB).

Due to our policy of continuous product innovation, some specifications may change without notification.
©LG Electronics U.S.A., Inc., Englewood Cliffs, NJ. All rights reserved. "LG" is a registered trademark of LG Corp.

Table 98: LMU369HV Heating Capacity Table — Ducted Indoor Units (continued).

Connected Indoor Units	Combination Capacity Index	Outdoor Air Temp.		Indoor Air Temp. °F DB											
		°F	°F	61		64		68		70		72		75	
		DB	WB	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
Three (3) Ducted Indoor Units	12 + 12 + 18	0	-0.4	22.02	2.61	20.77	2.71	20.72	2.75	20.26	2.78	19.88	2.79	19.05	2.89
		5	4.5	25.26	2.67	24.10	2.77	23.73	2.83	23.23	2.86	22.82	2.89	21.90	2.98
		10	9	27.43	2.73	26.32	2.83	25.74	2.90	25.21	2.94	24.79	2.97	23.82	3.06
		17	15	29.81	2.81	28.78	2.90	27.95	2.99	**27.40**	**3.04**	26.96	3.08	25.92	3.17
		20	19	31.26	2.86	30.26	2.95	29.29	3.05	28.73	3.11	28.28	3.15	27.20	3.24
		25	23	33.66	2.96	32.67	3.04	31.53	3.16	30.93	3.22	30.46	3.27	29.31	3.36
		30	28	36.08	3.07	34.96	3.17	33.76	3.27	33.14	3.34	32.65	3.40	31.45	3.48
		35	32	38.49	3.18	37.27	3.29	36.00	3.37	35.35	3.45	34.83	3.52	33.58	3.60
		40	36	40.46	3.27	39.32	3.38	38.07	3.48	37.41	3.55	36.88	3.61	35.54	3.70
		45	41	42.91	3.38	41.88	3.50	40.65	3.61	39.97	3.67	39.43	3.72	38.00	3.83
		47	43	43.89	3.43	42.91	3.54	41.68	3.66	**41.00**	**3.72**	40.46	3.77	38.98	3.88
		50	46	44.02	3.41	43.13	3.51	42.06	3.61	41.45	3.67	40.96	3.71	39.58	3.81
		55	51	44.23	3.37	43.50	3.46	42.69	3.54	42.20	3.58	41.81	3.61	40.58	3.69
		60	56	44.45	3.34	43.87	3.40	43.33	3.46	42.96	3.49	42.66	3.51	41.57	3.56
		63	59	44.58	3.31	44.09	3.37	43.71	3.42	43.41	3.44	43.17	3.45	42.17	3.49
		68	64	44.70	3.29	44.31	3.34	44.09	3.37	43.87	3.38	43.69	3.39	42.77	3.42
	9 + 18 + 18	0	-0.4	22.02	2.61	20.77	2.71	20.72	2.75	20.26	2.78	19.88	2.79	19.05	2.89
		5	4.5	25.26	2.67	24.10	2.77	23.73	2.83	23.23	2.86	22.82	2.89	21.90	2.98
		10	9	27.43	2.73	26.32	2.83	25.74	2.90	25.21	2.94	24.79	2.97	23.82	3.06
		17	15	29.81	2.81	28.78	2.90	27.95	2.99	**27.40**	**3.04**	26.96	3.08	25.92	3.17
		20	19	31.26	2.86	30.26	2.95	29.29	3.05	28.73	3.11	28.28	3.15	27.20	3.24
		25	23	33.66	2.96	32.67	3.04	31.53	3.16	30.93	3.22	30.46	3.27	29.31	3.36
		30	28	36.08	3.07	34.96	3.17	33.76	3.27	33.14	3.34	32.65	3.40	31.45	3.48
		35	32	38.49	3.18	37.27	3.29	36.00	3.37	35.35	3.45	34.83	3.52	33.58	3.60
		40	36	40.46	3.27	39.32	3.38	38.07	3.48	37.41	3.55	36.88	3.61	35.54	3.70
		45	41	42.91	3.38	41.88	3.50	40.65	3.61	39.97	3.67	39.43	3.72	38.00	3.83
		47	43	43.89	3.43	42.91	3.54	41.68	3.66	**41.00**	**3.72**	40.46	3.77	38.98	3.88
		50	46	44.02	3.41	43.13	3.51	42.06	3.61	41.45	3.67	40.96	3.71	39.58	3.81
		55	51	44.23	3.37	43.50	3.46	42.69	3.54	42.20	3.58	41.81	3.61	40.58	3.69
		60	56	44.45	3.34	43.87	3.40	43.33	3.46	42.96	3.49	42.66	3.51	41.57	3.56
		63	59	44.58	3.31	44.09	3.37	43.71	3.42	43.41	3.44	43.17	3.45	42.17	3.49
		68	64	44.70	3.29	44.31	3.34	44.09	3.37	43.87	3.38	43.69	3.39	42.77	3.42
	12 + 18 + 18	0	-0.4	22.02	2.61	20.77	2.71	20.72	2.75	20.26	2.78	19.88	2.79	19.05	2.89
		5	4.5	25.26	2.67	24.10	2.77	23.73	2.83	23.23	2.86	22.82	2.89	21.90	2.98
		10	9	27.43	2.73	26.32	2.83	25.74	2.90	25.21	2.94	24.79	2.97	23.82	3.06
		17	15	29.81	2.81	28.78	2.90	27.95	2.99	**27.40**	**3.04**	26.96	3.08	25.92	3.17
		20	19	31.26	2.86	30.26	2.95	29.29	3.05	28.73	3.11	28.28	3.15	27.20	3.24
		25	23	33.66	2.96	32.67	3.04	31.53	3.16	30.93	3.22	30.46	3.27	29.31	3.36
		30	28	36.08	3.07	34.96	3.17	33.76	3.27	33.14	3.34	32.65	3.40	31.45	3.48
		35	32	38.49	3.18	37.27	3.29	36.00	3.37	35.35	3.45	34.83	3.52	33.58	3.60
		40	36	40.46	3.27	39.32	3.38	38.07	3.48	37.41	3.55	36.88	3.61	35.54	3.70
		45	41	42.91	3.38	41.88	3.50	40.65	3.61	39.97	3.67	39.43	3.72	38.00	3.83
		47	43	43.89	3.43	42.91	3.54	41.68	3.66	**41.00**	**3.72**	40.46	3.77	38.98	3.88
		50	46	44.02	3.41	43.13	3.51	42.06	3.61	41.45	3.67	40.96	3.71	39.58	3.81
		55	51	44.23	3.37	43.50	3.46	42.69	3.54	42.20	3.58	41.81	3.61	40.58	3.69
		60	56	44.45	3.34	43.87	3.40	43.33	3.46	42.96	3.49	42.66	3.51	41.57	3.56
		63	59	44.58	3.31	44.09	3.37	43.71	3.42	43.41	3.44	43.17	3.45	42.17	3.49
		68	64	44.70	3.29	44.31	3.34	44.09	3.37	43.87	3.38	43.69	3.39	42.77	3.42

TC = Total Capacity (kBtu/h).

PI = Power Input (kW).

Nominal capacity as rated: 0 ft. above sea level with 25 ft. of refrigerant piping.
0 ft. level difference between outdoor and indoor units.

Nominal heating capacity rating obtained with air entering the indoor unit at 70°F dry bulb (DB) and 60°F wet bulb (WB), and outdoor ambient conditions of 47°F dry bulb (DB) and 43°F wet bulb (WB).

Due to our policy of continuous product innovation, some specifications may change without notification.
©LG Electronics U.S.A., Inc., Englewood Cliffs, NJ. All rights reserved. "LG" is a registered trademark of LG Corp.

PERFORMANCE DATA

Heating Capacity Tables

Table 99: LMU369HV Heating Capacity Table — Ducted Indoor Units (continued).

Connected Indoor Units	Combination Capacity Index	Outdoor Air Temp.		Indoor Air Temp. °F DB											
		°F	°F	61		64		68		70		72		75	
		DB	WB	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
Four (4) Ducted Indoor Units	9 + 9 + 9 + 9	0	-0.4	22.02	2.61	20.77	2.71	20.72	2.75	20.26	2.78	19.88	2.79	19.05	2.89
		5	4.5	25.26	2.67	24.10	2.77	23.73	2.83	23.23	2.86	22.82	2.89	21.90	2.98
		10	9	27.43	2.73	26.32	2.83	25.74	2.90	25.21	2.94	24.79	2.97	23.82	3.06
		17	15	29.81	2.81	28.78	2.90	27.95	2.99	**27.40**	**3.04**	26.96	3.08	25.92	3.17
		20	19	31.26	2.86	30.26	2.95	29.29	3.05	28.73	3.11	28.28	3.15	27.20	3.24
		25	23	33.66	2.96	32.67	3.04	31.53	3.16	30.93	3.22	30.46	3.27	29.31	3.36
		30	28	36.08	3.07	34.96	3.17	33.76	3.27	33.14	3.34	32.65	3.40	31.45	3.48
		35	32	38.49	3.18	37.27	3.29	36.00	3.37	35.35	3.45	34.83	3.52	33.58	3.60
		40	36	40.46	3.27	39.32	3.38	38.07	3.48	37.41	3.55	36.88	3.61	35.54	3.70
		45	41	42.91	3.38	41.88	3.50	40.65	3.61	39.97	3.67	39.43	3.72	38.00	3.83
		47	43	43.89	3.43	42.91	3.54	41.68	3.66	**41.00**	**3.72**	40.46	3.77	38.98	3.88
		50	46	44.02	3.41	43.13	3.51	42.06	3.61	41.45	3.67	40.96	3.71	39.58	3.81
		55	51	44.23	3.37	43.50	3.46	42.69	3.54	42.20	3.58	41.81	3.61	40.58	3.69
		60	56	44.45	3.34	43.87	3.40	43.33	3.46	42.96	3.49	42.66	3.51	41.57	3.56
		63	59	44.58	3.31	44.09	3.37	43.71	3.42	43.41	3.44	43.17	3.45	42.17	3.49
		68	64	44.70	3.29	44.31	3.34	44.09	3.37	43.87	3.38	43.69	3.39	42.77	3.42
	9 + 9 + 9 + 12	0	-0.4	22.02	2.61	20.77	2.71	20.72	2.75	20.26	2.78	19.88	2.79	19.05	2.89
		5	4.5	25.26	2.67	24.10	2.77	23.73	2.83	23.23	2.86	22.82	2.89	21.90	2.98
		10	9	27.43	2.73	26.32	2.83	25.74	2.90	25.21	2.94	24.79	2.97	23.82	3.06
		17	15	29.81	2.81	28.78	2.90	27.95	2.99	**27.40**	**3.04**	26.96	3.08	25.92	3.17
		20	19	31.26	2.86	30.26	2.95	29.29	3.05	28.73	3.11	28.28	3.15	27.20	3.24
		25	23	33.66	2.96	32.67	3.04	31.53	3.16	30.93	3.22	30.46	3.27	29.31	3.36
		30	28	36.08	3.07	34.96	3.17	33.76	3.27	33.14	3.34	32.65	3.40	31.45	3.48
		35	32	38.49	3.18	37.27	3.29	36.00	3.37	35.35	3.45	34.83	3.52	33.58	3.60
		40	36	40.46	3.27	39.32	3.38	38.07	3.48	37.41	3.55	36.88	3.61	35.54	3.70
		45	41	42.91	3.38	41.88	3.50	40.65	3.61	39.97	3.67	39.43	3.72	38.00	3.83
		47	43	43.89	3.43	42.91	3.54	41.68	3.66	**41.00**	**3.72**	40.46	3.77	38.98	3.88
		50	46	44.02	3.41	43.13	3.51	42.06	3.61	41.45	3.67	40.96	3.71	39.58	3.81
		55	51	44.23	3.37	43.50	3.46	42.69	3.54	42.20	3.58	41.81	3.61	40.58	3.69
		60	56	44.45	3.34	43.87	3.40	43.33	3.46	42.96	3.49	42.66	3.51	41.57	3.56
		63	59	44.58	3.31	44.09	3.37	43.71	3.42	43.41	3.44	43.17	3.45	42.17	3.49
		68	64	44.70	3.29	44.31	3.34	44.09	3.37	43.87	3.38	43.69	3.39	42.77	3.42
	9 + 9 + 12 + 12	0	-0.4	22.02	2.61	20.77	2.71	20.72	2.75	20.26	2.78	19.88	2.79	19.05	2.89
		5	4.5	25.26	2.67	24.10	2.77	23.73	2.83	23.23	2.86	22.82	2.89	21.90	2.98
		10	9	27.43	2.73	26.32	2.83	25.74	2.90	25.21	2.94	24.79	2.97	23.82	3.06
		17	15	29.81	2.81	28.78	2.90	27.95	2.99	**27.40**	**3.04**	26.96	3.08	25.92	3.17
		20	19	31.26	2.86	30.26	2.95	29.29	3.05	28.73	3.11	28.28	3.15	27.20	3.24
		25	23	33.66	2.96	32.67	3.04	31.53	3.16	30.93	3.22	30.46	3.27	29.31	3.36
		30	28	36.08	3.07	34.96	3.17	33.76	3.27	33.14	3.34	32.65	3.40	31.45	3.48
		35	32	38.49	3.18	37.27	3.29	36.00	3.37	35.35	3.45	34.83	3.52	33.58	3.60
		40	36	40.46	3.27	39.32	3.38	38.07	3.48	37.41	3.55	36.88	3.61	35.54	3.70
		45	41	42.91	3.38	41.88	3.50	40.65	3.61	39.97	3.67	39.43	3.72	38.00	3.83
		47	43	43.89	3.43	42.91	3.54	41.68	3.66	**41.00**	**3.72**	40.46	3.77	38.98	3.88
		50	46	44.02	3.41	43.13	3.51	42.06	3.61	41.45	3.67	40.96	3.71	39.58	3.81
		55	51	44.23	3.37	43.50	3.46	42.69	3.54	42.20	3.58	41.81	3.61	40.58	3.69
		60	56	44.45	3.34	43.87	3.40	43.33	3.46	42.96	3.49	42.66	3.51	41.57	3.56
		63	59	44.58	3.31	44.09	3.37	43.71	3.42	43.41	3.44	43.17	3.45	42.17	3.49
		68	64	44.70	3.29	44.31	3.34	44.09	3.37	43.87	3.38	43.69	3.39	42.77	3.42

TC = Total Capacity (kBtu/h).

PI = Power Input (kW).

Nominal capacity as rated: 0 ft. above sea level with 25 ft. of refrigerant piping.
0 ft. level difference between outdoor and indoor units.

Nominal heating capacity rating obtained with air entering the indoor unit at 70°F dry bulb (DB) and 60°F wet bulb (WB), and outdoor ambient conditions of 47°F dry bulb (DB) and 43°F wet bulb (WB).

Due to our policy of continuous product innovation, some specifications may change without notification.
©LG Electronics U.S.A., Inc., Englewood Cliffs, NJ. All rights reserved. "LG" is a registered trademark of LG Corp.

Table 100: LMU369HV Heating Capacity Table — Ducted Indoor Units (continued).

Connected Indoor Units	Combination Capacity Index	Outdoor Air Temp.		Indoor Air Temp. °F DB											
		°F	°F	61		64		68		70		72		75	
		DB	WB	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
Four (4) Ducted Indoor Units	9 + 12 + 12 + 12	0	-0.4	22.02	2.61	20.77	2.71	20.72	2.75	20.26	2.78	19.88	2.79	19.05	2.89
		5	4.5	25.26	2.67	24.10	2.77	23.73	2.83	23.23	2.86	22.82	2.89	21.90	2.98
		10	9	27.43	2.73	26.32	2.83	25.74	2.90	25.21	2.94	24.79	2.97	23.82	3.06
		17	15	29.81	2.81	28.78	2.90	27.95	2.99	**27.40**	**3.04**	26.96	3.08	25.92	3.17
		20	19	31.26	2.86	30.26	2.95	29.29	3.05	28.73	3.11	28.28	3.15	27.20	3.24
		25	23	33.66	2.96	32.67	3.04	31.53	3.16	30.93	3.22	30.46	3.27	29.31	3.36
		30	28	36.08	3.07	34.96	3.17	33.76	3.27	33.14	3.34	32.65	3.40	31.45	3.48
		35	32	38.49	3.18	37.27	3.29	36.00	3.37	35.35	3.45	34.83	3.52	33.58	3.60
		40	36	40.46	3.27	39.32	3.38	38.07	3.48	37.41	3.55	36.88	3.61	35.54	3.70
		45	41	42.91	3.38	41.88	3.50	40.65	3.61	39.97	3.67	39.43	3.72	38.00	3.83
		47	43	43.89	3.43	42.91	3.54	41.68	3.66	**41.00**	**3.72**	40.46	3.77	38.98	3.88
		50	46	44.02	3.41	43.13	3.51	42.06	3.61	41.45	3.67	40.96	3.71	39.58	3.81
		55	51	44.23	3.37	43.50	3.46	42.69	3.54	42.20	3.58	41.81	3.61	40.58	3.69
		60	56	44.45	3.34	43.87	3.40	43.33	3.46	42.96	3.49	42.66	3.51	41.57	3.56
		63	59	44.58	3.31	44.09	3.37	43.71	3.42	43.41	3.44	43.17	3.45	42.17	3.49
		68	64	44.70	3.29	44.31	3.34	44.09	3.37	43.87	3.38	43.69	3.39	42.77	3.42
	9 + 9 + 9 + 18	0	-0.4	22.02	2.61	20.77	2.71	20.72	2.75	20.26	2.78	19.88	2.79	19.05	2.89
		5	4.5	25.26	2.67	24.10	2.77	23.73	2.83	23.23	2.86	22.82	2.89	21.90	2.98
		10	9	27.43	2.73	26.32	2.83	25.74	2.90	25.21	2.94	24.79	2.97	23.82	3.06
		17	15	29.81	2.81	28.78	2.90	27.95	2.99	**27.40**	**3.04**	26.96	3.08	25.92	3.17
		20	19	31.26	2.86	30.26	2.95	29.29	3.05	28.73	3.11	28.28	3.15	27.20	3.24
		25	23	33.66	2.96	32.67	3.04	31.53	3.16	30.93	3.22	30.46	3.27	29.31	3.36
		30	28	36.08	3.07	34.96	3.17	33.76	3.27	33.14	3.34	32.65	3.40	31.45	3.48
		35	32	38.49	3.18	37.27	3.29	36.00	3.37	35.35	3.45	34.83	3.52	33.58	3.60
		40	36	40.46	3.27	39.32	3.38	38.07	3.48	37.41	3.55	36.88	3.61	35.54	3.70
		45	41	42.91	3.38	41.88	3.50	40.65	3.61	39.97	3.67	39.43	3.72	38.00	3.83
		47	43	43.89	3.43	42.91	3.54	41.68	3.66	**41.00**	**3.72**	40.46	3.77	38.98	3.88
		50	46	44.02	3.41	43.13	3.51	42.06	3.61	41.45	3.67	40.96	3.71	39.58	3.81
		55	51	44.23	3.37	43.50	3.46	42.69	3.54	42.20	3.58	41.81	3.61	40.58	3.69
		60	56	44.45	3.34	43.87	3.40	43.33	3.46	42.96	3.49	42.66	3.51	41.57	3.56
		63	59	44.58	3.31	44.09	3.37	43.71	3.42	43.41	3.44	43.17	3.45	42.17	3.49
		68	64	44.70	3.29	44.31	3.34	44.09	3.37	43.87	3.38	43.69	3.39	42.77	3.42
	9 + 9 + 12 + 18	0	-0.4	22.02	2.61	20.77	2.71	20.72	2.75	20.26	2.78	19.88	2.79	19.05	2.89
		5	4.5	25.26	2.67	24.10	2.77	23.73	2.83	23.23	2.86	22.82	2.89	21.90	2.98
		10	9	27.43	2.73	26.32	2.83	25.74	2.90	25.21	2.94	24.79	2.97	23.82	3.06
		17	15	29.81	2.81	28.78	2.90	27.95	2.99	**27.40**	**3.04**	26.96	3.08	25.92	3.17
		20	19	31.26	2.86	30.26	2.95	29.29	3.05	28.73	3.11	28.28	3.15	27.20	3.24
		25	23	33.66	2.96	32.67	3.04	31.53	3.16	30.93	3.22	30.46	3.27	29.31	3.36
		30	28	36.08	3.07	34.96	3.17	33.76	3.27	33.14	3.34	32.65	3.40	31.45	3.48
		35	32	38.49	3.18	37.27	3.29	36.00	3.37	35.35	3.45	34.83	3.52	33.58	3.60
		40	36	40.46	3.27	39.32	3.38	38.07	3.48	37.41	3.55	36.88	3.61	35.54	3.70
		45	41	42.91	3.38	41.88	3.50	40.65	3.61	39.97	3.67	39.43	3.72	38.00	3.83
		47	43	43.89	3.43	42.91	3.54	41.68	3.66	**41.00**	**3.72**	40.46	3.77	38.98	3.88
		50	46	44.02	3.41	43.13	3.51	42.06	3.61	41.45	3.67	40.96	3.71	39.58	3.81
		55	51	44.23	3.37	43.50	3.46	42.69	3.54	42.20	3.58	41.81	3.61	40.58	3.69
		60	56	44.45	3.34	43.87	3.40	43.33	3.46	42.96	3.49	42.66	3.51	41.57	3.56
		63	59	44.58	3.31	44.09	3.37	43.71	3.42	43.41	3.44	43.17	3.45	42.17	3.49
		68	64	44.70	3.29	44.31	3.34	44.09	3.37	43.87	3.38	43.69	3.39	42.77	3.42

TC = Total Capacity (kBtu/h).

PI = Power Input (kW).

Nominal capacity as rated: 0 ft. above sea level with 25 ft. of refrigerant piping.
0 ft. level difference between outdoor and indoor units.

Nominal heating capacity rating obtained with air entering the indoor unit at 70°F dry bulb (DB) and 60°F wet bulb (WB), and outdoor ambient conditions of 47°F dry bulb (DB) and 43°F wet bulb (WB).

Due to our policy of continuous product innovation, some specifications may change without notification.
©LG Electronics U.S.A., Inc., Englewood Cliffs, NJ. All rights reserved. "LG" is a registered trademark of LG Corp.

PERFORMANCE DATA

Heating Capacity Tables

Table 101: LMU369HV Heating Capacity Table — Ducted Indoor Units (continued) / Mixed Indoor Units.

Connected Indoor Units	Combination Capacity Index	Outdoor Air Temp.		Indoor Air Temp. °F DB											
		°F	°F	61		64		68		70		72		75	
		DB	WB	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
Four (4) Ducted Indoor Units	12 + 12 + 12 + 12	0	-0.4	22.02	2.61	20.77	2.71	20.72	2.75	20.26	2.78	19.88	2.79	19.05	2.89
		5	4.5	25.26	2.67	24.10	2.77	23.73	2.83	23.23	2.86	22.82	2.89	21.90	2.98
		10	9	27.43	2.73	26.32	2.83	25.74	2.90	25.21	2.94	24.79	2.97	23.82	3.06
		17	15	29.81	2.81	28.78	2.90	27.95	2.99	**27.40**	**3.04**	26.96	3.08	25.92	3.17
		20	19	31.26	2.86	30.26	2.95	29.29	3.05	28.73	3.11	28.28	3.15	27.20	3.24
		25	23	33.66	2.96	32.67	3.04	31.53	3.16	30.93	3.22	30.46	3.27	29.31	3.36
		30	28	36.08	3.07	34.96	3.17	33.76	3.27	33.14	3.34	32.65	3.40	31.45	3.48
		35	32	38.49	3.18	37.27	3.29	36.00	3.37	35.35	3.45	34.83	3.52	33.58	3.60
		40	36	40.46	3.27	39.32	3.38	38.07	3.48	37.41	3.55	36.88	3.61	35.54	3.70
		45	41	42.91	3.38	41.88	3.50	40.65	3.61	39.97	3.67	39.43	3.72	38.00	3.83
		47	43	43.89	3.43	42.91	3.54	41.68	3.66	**41.00**	**3.72**	40.46	3.77	38.98	3.88
		50	46	44.02	3.41	43.13	3.51	42.06	3.61	41.45	3.67	40.96	3.71	39.58	3.81
		55	51	44.23	3.37	43.50	3.46	42.69	3.54	42.20	3.58	41.81	3.61	40.58	3.69
		60	56	44.45	3.34	43.87	3.40	43.33	3.46	42.96	3.49	42.66	3.51	41.57	3.56
		63	59	44.58	3.31	44.09	3.37	43.71	3.42	43.41	3.44	43.17	3.45	42.17	3.49
		68	64	44.70	3.29	44.31	3.34	44.09	3.37	43.87	3.38	43.69	3.39	42.77	3.42
Two (2) Mixed Indoor Units	9 + 9	0	-0.4	10.39	1.47	9.79	1.53	9.78	1.55	9.56	1.57	9.38	1.58	8.98	1.63
		5	4.5	12.17	1.51	11.60	1.57	11.43	1.60	11.19	1.62	10.99	1.63	10.55	1.69
		10	9	13.36	1.55	12.82	1.60	12.53	1.64	12.28	1.67	12.07	1.68	11.60	1.74
		17	15	14.67	1.60	14.16	1.65	13.75	1.70	**13.48**	**1.73**	13.26	1.75	12.75	1.80
		20	19	15.46	1.63	14.97	1.68	14.49	1.74	14.21	1.77	13.99	1.79	13.45	1.84
		25	23	16.78	1.69	16.29	1.74	15.72	1.80	15.42	1.84	15.18	1.87	14.61	1.92
		30	28	18.11	1.75	17.55	1.81	16.95	1.87	16.63	1.91	16.39	1.94	15.78	1.99
		35	32	19.43	1.82	18.82	1.88	18.17	1.93	17.85	1.98	17.59	2.01	16.95	2.06
		40	36	20.42	1.87	19.85	1.94	19.22	1.99	18.89	2.03	18.62	2.07	17.94	2.12
		45	41	21.66	1.94	21.15	2.00	20.52	2.06	20.18	2.10	19.91	2.13	19.19	2.19
		47	43	22.16	1.96	21.66	2.03	21.04	2.09	**20.70**	**2.13**	20.42	2.16	19.68	2.22
		50	46	22.22	1.95	21.77	2.01	21.24	2.07	20.93	2.10	20.68	2.12	19.98	2.18
		55	51	22.33	1.93	21.96	1.98	21.56	2.03	21.31	2.05	21.11	2.07	20.49	2.11
		60	56	22.44	1.91	22.15	1.95	21.88	1.98	21.69	2.00	21.54	2.01	20.99	2.04
		63	59	22.51	1.90	22.26	1.93	22.07	1.96	21.92	1.97	21.80	1.98	21.29	2.00
		68	64	22.57	1.89	22.37	1.91	22.26	1.93	22.15	1.94	22.06	1.94	21.59	1.96
	9 + 12	0	-0.4	12.12	1.76	11.42	1.83	11.41	1.86	11.15	1.88	10.94	1.89	10.48	1.96
		5	4.5	14.20	1.81	13.54	1.88	13.33	1.92	13.05	1.94	12.83	1.95	12.31	2.02
		10	9	15.58	1.85	14.96	1.92	14.62	1.97	14.33	1.99	14.09	2.01	13.53	2.08
		17	15	17.11	1.91	16.52	1.97	16.04	2.03	**15.73**	**2.07**	15.48	2.10	14.88	2.16
		20	19	18.04	1.95	17.46	2.01	16.90	2.08	16.58	2.12	16.32	2.15	15.70	2.21
		25	23	19.58	2.02	19.00	2.08	18.34	2.16	17.99	2.20	17.71	2.24	17.05	2.29
		30	28	21.13	2.10	20.47	2.17	19.77	2.23	19.41	2.28	19.12	2.32	18.41	2.38
		35	32	22.67	2.18	21.95	2.25	21.20	2.31	20.82	2.37	20.52	2.41	19.78	2.47
		40	36	23.83	2.24	23.16	2.32	22.42	2.38	22.03	2.43	21.72	2.47	20.94	2.54
		45	41	25.27	2.32	24.67	2.40	23.94	2.47	23.55	2.52	23.23	2.55	22.38	2.63
		47	43	25.85	2.35	25.27	2.43	24.55	2.51	**24.15**	**2.55**	23.83	2.58	22.96	2.66
		50	46	25.93	2.34	25.40	2.41	24.78	2.48	24.42	2.51	24.13	2.54	23.31	2.61
		55	51	26.05	2.31	25.62	2.37	25.15	2.43	24.86	2.45	24.63	2.47	23.90	2.53
		60	56	26.18	2.29	25.84	2.33	25.52	2.37	25.30	2.39	25.13	2.41	24.49	2.44
		63	59	26.26	2.27	25.97	2.31	25.75	2.34	25.57	2.36	25.43	2.36	24.84	2.39
		68	64	26.33	2.26	26.10	2.29	25.97	2.31	25.84	2.32	25.73	2.32	25.19	2.34

TC = Total Capacity (kBtu/h).

PI = Power Input (kW).

Nominal capacity as rated: 0 ft. above sea level with 25 ft. of refrigerant piping.
0 ft. level difference between outdoor and indoor units.

Nominal heating capacity rating obtained with air entering the indoor unit at 70°F dry bulb (DB) and 60°F wet bulb (WB), and outdoor ambient conditions of 47°F dry bulb (DB) and 43°F wet bulb (WB).

Due to our policy of continuous product innovation, some specifications may change without notification.
©LG Electronics U.S.A., Inc., Englewood Cliffs, NJ. All rights reserved. "LG" is a registered trademark of LG Corp.

PERFORMANCE DATA

Heating Capacity Tables

Table 102: LMU369HV Heating Capacity Table — Mixed Indoor Units (continued).

Connected Indoor Units	Combination Capacity Index	Outdoor Air Temp.		Indoor Air Temp. °F DB											
		°F	°F	61		64		68		70		72		75	
		DB	WB	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
Two (2) Mixed Indoor Units	12 + 12	0	-0.4	13.85	1.83	13.05	1.90	13.04	1.93	12.74	1.94	12.50	1.96	11.98	2.03
		5	4.5	16.22	1.88	15.47	1.94	15.24	1.98	14.92	2.01	14.66	2.02	14.07	2.09
		10	9	17.81	1.92	17.09	1.99	16.71	2.04	16.37	2.06	16.10	2.09	15.47	2.15
		17	15	19.56	1.98	18.88	2.04	18.33	2.11	**17.97**	**2.14**	17.69	2.17	17.01	2.23
		20	19	20.61	2.02	19.96	2.08	19.32	2.15	18.94	2.19	18.65	2.22	17.94	2.29
		25	23	22.38	2.09	21.71	2.15	20.96	2.23	20.56	2.28	20.24	2.31	19.48	2.38
		30	28	24.15	2.17	23.40	2.24	22.59	2.31	22.18	2.36	21.85	2.40	21.05	2.47
		35	32	25.91	2.25	25.09	2.33	24.23	2.39	23.80	2.45	23.45	2.49	22.60	2.56
		40	36	27.23	2.32	26.47	2.40	25.62	2.47	25.18	2.52	24.83	2.56	23.93	2.63
		45	41	28.88	2.40	28.19	2.48	27.36	2.56	26.91	2.61	26.55	2.64	25.58	2.72
		47	43	29.54	2.43	28.88	2.51	28.06	2.60	**27.60**	**2.64**	27.23	2.68	26.24	2.76
		50	46	29.63	2.42	29.03	2.49	28.31	2.56	27.90	2.60	27.58	2.63	26.64	2.70
		55	51	29.78	2.39	29.28	2.45	28.74	2.51	28.41	2.54	28.15	2.56	27.31	2.62
		60	56	29.92	2.37	29.53	2.41	29.17	2.46	28.92	2.48	28.72	2.49	27.98	2.53
		63	59	30.01	2.35	29.68	2.39	29.42	2.43	29.22	2.44	29.06	2.45	28.39	2.48
		68	64	30.09	2.34	29.83	2.37	29.68	2.39	29.53	2.40	29.41	2.41	28.79	2.43
	9 + 18	0	-0.4	15.58	2.05	14.68	2.13	14.67	2.16	14.33	2.18	14.07	2.19	13.47	2.27
		5	4.5	18.25	2.10	17.40	2.18	17.14	2.22	16.78	2.25	16.49	2.27	15.83	2.34
		10	9	20.04	2.15	19.23	2.23	18.80	2.28	18.42	2.31	18.11	2.34	17.40	2.41
		17	15	22.00	2.22	21.24	2.29	20.62	2.36	**20.22**	**2.40**	19.90	2.43	19.13	2.50
		20	19	23.19	2.26	22.45	2.33	21.73	2.41	21.31	2.46	20.98	2.49	20.18	2.56
		25	23	25.17	2.34	24.43	2.41	23.58	2.50	23.13	2.55	22.78	2.59	21.92	2.66
		30	28	27.16	2.44	26.32	2.52	25.42	2.59	24.95	2.65	24.58	2.70	23.68	2.76
		35	32	29.15	2.53	28.22	2.62	27.26	2.68	26.77	2.75	26.38	2.80	25.43	2.86
		40	36	30.64	2.60	29.78	2.69	28.83	2.77	28.33	2.82	27.93	2.87	26.92	2.95
		45	41	32.49	2.69	31.72	2.78	30.78	2.87	30.27	2.92	29.86	2.96	28.78	3.05
		47	43	33.24	2.73	32.49	2.82	31.57	2.91	**31.05**	**2.96**	30.64	3.00	29.52	3.09
		50	46	33.33	2.71	32.66	2.79	31.85	2.87	31.39	2.92	31.02	2.95	29.98	3.03
		55	51	33.50	2.68	32.94	2.75	32.33	2.82	31.96	2.85	31.67	2.87	30.73	2.93
		60	56	33.66	2.65	33.22	2.71	32.81	2.76	32.53	2.78	32.31	2.79	31.48	2.84
		63	59	33.76	2.64	33.39	2.68	33.10	2.72	32.87	2.73	32.69	2.75	31.93	2.78
		68	64	33.86	2.62	33.56	2.65	33.39	2.69	33.22	2.69	33.08	2.70	32.39	2.72
	12 + 18	0	-0.4	17.32	2.28	16.31	2.36	16.30	2.40	15.93	2.42	15.63	2.44	14.97	2.52
		5	4.5	20.28	2.34	19.34	2.42	19.05	2.47	18.64	2.50	18.32	2.52	17.58	2.61
		10	9	22.26	2.39	21.37	2.47	20.89	2.54	20.47	2.57	20.12	2.60	19.33	2.68
		17	15	24.45	2.47	23.60	2.55	22.92	2.62	**22.47**	**2.67**	22.11	2.70	21.26	2.78
		20	19	25.77	2.52	24.95	2.59	24.14	2.68	23.68	2.73	23.31	2.77	22.42	2.85
		25	23	27.97	2.61	27.14	2.68	26.20	2.78	25.70	2.84	25.31	2.88	24.35	2.96
		30	28	30.18	2.71	29.25	2.80	28.24	2.88	27.72	2.95	27.31	3.00	26.31	3.07
		35	32	32.39	2.81	31.36	2.91	30.29	2.98	29.75	3.05	29.31	3.11	28.25	3.18
		40	36	34.04	2.89	33.08	2.99	32.03	3.07	31.48	3.14	31.03	3.19	29.91	3.28
		45	41	36.10	2.99	35.24	3.09	34.20	3.19	33.64	3.25	33.18	3.29	31.98	3.39
		47	43	36.93	3.03	36.10	3.13	35.07	3.23	**34.50**	**3.29**	34.04	3.33	32.80	3.43
		50	46	37.04	3.01	36.29	3.10	35.39	3.19	34.88	3.24	34.47	3.28	33.31	3.37
		55	51	37.22	2.98	36.60	3.06	35.93	3.13	35.51	3.16	35.18	3.19	34.14	3.26
		60	56	37.40	2.95	36.91	3.01	36.46	3.06	36.15	3.09	35.90	3.10	34.98	3.15
		63	59	37.51	2.93	37.10	2.98	36.78	3.02	36.53	3.04	36.33	3.05	35.48	3.09
		68	64	37.62	2.91	37.29	2.95	37.10	2.98	36.91	2.99	36.76	3.00	35.99	3.02

TC = Total Capacity (kBtu/h).

PI = Power Input (kW).

Nominal capacity as rated: 0 ft. above sea level with 25 ft. of refrigerant piping.
0 ft. level difference between outdoor and indoor units.

Nominal heating capacity rating obtained with air entering the indoor unit at 70°F dry bulb (DB) and 60°F wet bulb (WB), and outdoor ambient conditions of 47°F dry bulb (DB) and 43°F wet bulb (WB).

Due to our policy of continuous product innovation, some specifications may change without notification.
©LG Electronics U.S.A., Inc., Englewood Cliffs, NJ. All rights reserved. "LG" is a registered trademark of LG Corp.

PERFORMANCE DATA

Heating Capacity Tables

Table 103: LMU369HV Heating Capacity Table — Mixed Indoor Units (continued).

Connected Indoor Units	Combination Capacity Index	Outdoor Air Temp.		Indoor Air Temp. °F DB											
		°F	°F	61		64		68		70		72		75	
		DB	WB	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
Two (2) Mixed Indoor Units	18 + 18	0	-0.4	18.07	2.37	17.02	2.46	17.01	2.50	16.62	2.52	16.31	2.54	15.62	2.63
		5	4.5	21.16	2.44	20.18	2.52	19.88	2.58	19.46	2.61	19.12	2.63	18.35	2.72
		10	9	23.23	2.49	22.29	2.58	21.80	2.65	21.35	2.68	21.00	2.71	20.17	2.80
		17	15	25.51	2.57	24.62	2.65	23.91	2.74	**23.44**	**2.78**	23.07	2.82	22.18	2.90
		20	19	26.89	2.62	26.03	2.70	25.19	2.80	24.71	2.85	24.32	2.89	23.40	2.97
		25	23	29.19	2.72	28.32	2.80	27.34	2.90	26.82	2.96	26.41	3.01	25.41	3.09
		30	28	31.49	2.82	30.52	2.92	29.47	3.01	28.93	3.07	28.50	3.12	27.45	3.20
		35	32	33.80	2.93	32.72	3.03	31.61	3.11	31.04	3.18	30.59	3.24	29.48	3.32
		40	36	35.52	3.01	34.52	3.12	33.42	3.21	32.84	3.27	32.38	3.33	31.21	3.41
		45	41	37.67	3.12	36.77	3.22	35.69	3.32	35.10	3.39	34.62	3.43	33.37	3.53
		47	43	38.54	3.16	37.67	3.27	36.60	3.37	**36.00**	**3.43**	35.52	3.48	34.23	3.58
		50	46	38.65	3.14	37.87	3.24	36.93	3.33	36.40	3.38	35.97	3.42	34.75	3.51
		55	51	38.84	3.11	38.19	3.19	37.49	3.26	37.06	3.30	36.71	3.33	35.63	3.40
		60	56	39.03	3.08	38.52	3.14	38.04	3.19	37.72	3.22	37.46	3.24	36.50	3.29
		63	59	39.14	3.06	38.71	3.11	38.38	3.15	38.12	3.17	37.91	3.18	37.02	3.22
		68	64	39.25	3.04	38.91	3.08	38.71	3.11	38.52	3.12	38.36	3.13	37.56	3.15
	24 + 9	0	-0.4	19.07	2.50	17.96	2.59	17.95	2.63	17.54	2.66	17.22	2.67	16.49	2.77
		5	4.5	22.34	2.56	21.30	2.66	20.98	2.71	20.54	2.74	20.18	2.77	19.37	2.86
		10	9	24.52	2.63	23.53	2.72	23.01	2.78	22.54	2.82	22.17	2.85	21.29	2.94
		17	15	26.93	2.71	25.99	2.79	25.24	2.88	**24.75**	**2.93**	24.35	2.97	23.41	3.05
		20	19	28.38	2.76	27.48	2.85	26.59	2.94	26.08	3.00	25.67	3.04	24.70	3.13
		25	23	30.81	2.86	29.90	2.94	28.86	3.05	28.31	3.12	27.87	3.16	26.82	3.25
		30	28	33.24	2.97	32.22	3.07	31.11	3.16	30.54	3.23	30.08	3.29	28.98	3.37
		35	32	35.68	3.08	34.54	3.19	33.36	3.27	32.77	3.35	32.29	3.41	31.12	3.49
		40	36	37.50	3.17	36.44	3.28	35.28	3.37	34.67	3.44	34.18	3.50	32.94	3.59
		45	41	39.77	3.28	38.82	3.39	37.67	3.50	37.05	3.56	36.55	3.61	35.22	3.72
		47	43	40.68	3.33	39.77	3.44	38.63	3.55	**38.00**	**3.61**	37.50	3.66	36.13	3.77
		50	46	40.80	3.31	39.97	3.41	38.98	3.51	38.42	3.56	37.97	3.60	36.68	3.70
		55	51	41.00	3.27	40.32	3.35	39.57	3.43	39.12	3.47	38.75	3.50	37.61	3.58
		60	56	41.19	3.24	40.66	3.30	40.16	3.36	39.81	3.39	39.54	3.41	38.53	3.46
		63	59	41.31	3.22	40.86	3.27	40.51	3.32	40.23	3.33	40.01	3.35	39.08	3.39
		68	64	41.43	3.20	41.07	3.24	40.87	3.27	40.66	3.28	40.49	3.29	39.64	3.32
	24 + 12	0	-0.4	19.07	2.50	17.96	2.59	17.95	2.63	17.54	2.66	17.22	2.67	16.49	2.77
		5	4.5	22.34	2.56	21.30	2.66	20.98	2.71	20.54	2.74	20.18	2.77	19.37	2.86
		10	9	24.52	2.63	23.53	2.72	23.01	2.78	22.54	2.82	22.17	2.85	21.29	2.94
		17	15	26.93	2.71	25.99	2.79	25.24	2.88	**24.75**	**2.93**	24.35	2.97	23.41	3.05
		20	19	28.38	2.76	27.48	2.85	26.59	2.94	26.08	3.00	25.67	3.04	24.70	3.13
		25	23	30.81	2.86	29.90	2.94	28.86	3.05	28.31	3.12	27.87	3.16	26.82	3.25
		30	28	33.24	2.97	32.22	3.07	31.11	3.16	30.54	3.23	30.08	3.29	28.98	3.37
		35	32	35.68	3.08	34.54	3.19	33.36	3.27	32.77	3.35	32.29	3.41	31.12	3.49
		40	36	37.50	3.17	36.44	3.28	35.28	3.37	34.67	3.44	34.18	3.50	32.94	3.59
		45	41	39.77	3.28	38.82	3.39	37.67	3.50	37.05	3.56	36.55	3.61	35.22	3.72
		47	43	40.68	3.33	39.77	3.44	38.63	3.55	**38.00**	**3.61**	37.50	3.66	36.13	3.77
		50	46	40.80	3.31	39.97	3.41	38.98	3.51	38.42	3.56	37.97	3.60	36.68	3.70
		55	51	41.00	3.27	40.32	3.35	39.57	3.43	39.12	3.47	38.75	3.50	37.61	3.58
		60	56	41.19	3.24	40.66	3.30	40.16	3.36	39.81	3.39	39.54	3.41	38.53	3.46
		63	59	41.31	3.22	40.86	3.27	40.51	3.32	40.23	3.33	40.01	3.35	39.08	3.39
		68	64	41.43	3.20	41.07	3.24	40.87	3.27	40.66	3.28	40.49	3.29	39.64	3.32

TC = Total Capacity (kBtu/h).

PI = Power Input (kW).

Nominal capacity as rated: 0 ft. above sea level with 25 ft. of refrigerant piping.
0 ft. level difference between outdoor and indoor units.

Nominal heating capacity rating obtained with air entering the indoor unit at 70°F dry bulb (DB) and 60°F wet bulb (WB), and outdoor ambient conditions of 47°F dry bulb (DB) and 43°F wet bulb (WB).

Due to our policy of continuous product innovation, some specifications may change without notification.
©LG Electronics U.S.A., Inc., Englewood Cliffs, NJ. All rights reserved. "LG" is a registered trademark of LG Corp.

Table 104: LMU369HV Heating Capacity Table — Mixed Indoor Units (continued).

Connected Indoor Units	Combination Capacity Index	Outdoor Air Temp.		Indoor Air Temp. °F DB											
		°F	°F	61		64		68		70		72		75	
		DB	WB	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
Three (3) Mixed Indoor Units	9 + 9 + 9	0	-0.4	15.58	2.05	14.68	2.13	14.67	2.16	14.33	2.18	14.07	2.19	13.47	2.27
		5	4.5	18.25	2.10	17.40	2.18	17.14	2.22	16.78	2.25	16.49	2.27	15.83	2.34
		10	9	20.04	2.15	19.23	2.23	18.80	2.28	18.42	2.31	18.11	2.34	17.40	2.41
		17	15	22.00	2.22	21.24	2.29	20.62	2.36	**20.22**	**2.40**	19.90	2.43	19.13	2.50
		20	19	23.19	2.26	22.45	2.33	21.73	2.41	21.31	2.46	20.98	2.49	20.18	2.56
		25	23	25.17	2.34	24.43	2.41	23.58	2.50	23.13	2.55	22.78	2.59	21.92	2.66
		30	28	27.16	2.44	26.32	2.52	25.42	2.59	24.95	2.65	24.58	2.70	23.68	2.76
		35	32	29.15	2.53	28.22	2.62	27.26	2.68	26.77	2.75	26.38	2.80	25.43	2.86
		40	36	30.64	2.60	29.78	2.69	28.83	2.77	28.33	2.82	27.93	2.87	26.92	2.95
		45	41	32.49	2.69	31.72	2.78	30.78	2.87	30.27	2.92	29.86	2.96	28.78	3.05
		47	43	33.24	2.73	32.49	2.82	31.57	2.91	**31.05**	**2.96**	30.64	3.00	29.52	3.09
		50	46	33.33	2.71	32.66	2.79	31.85	2.87	31.39	2.92	31.02	2.95	29.98	3.03
		55	51	33.50	2.68	32.94	2.75	32.33	2.82	31.96	2.85	31.67	2.87	30.73	2.93
		60	56	33.66	2.65	33.22	2.71	32.81	2.76	32.53	2.78	32.31	2.79	31.48	2.84
		63	59	33.76	2.64	33.39	2.68	33.10	2.72	32.87	2.73	32.69	2.75	31.93	2.78
		68	64	33.86	2.62	33.56	2.65	33.39	2.69	33.22	2.69	33.08	2.70	32.39	2.72
	9 + 9 + 12	0	-0.4	17.32	2.28	16.31	2.36	16.30	2.40	15.93	2.42	15.63	2.44	14.97	2.52
		5	4.5	20.28	2.34	19.34	2.42	19.05	2.47	18.64	2.50	18.32	2.52	17.58	2.61
		10	9	22.26	2.39	21.37	2.47	20.89	2.54	20.47	2.57	20.12	2.60	19.33	2.68
		17	15	24.45	2.47	23.60	2.55	22.92	2.62	**22.47**	**2.67**	22.11	2.70	21.26	2.78
		20	19	25.77	2.52	24.95	2.59	24.14	2.68	23.68	2.73	23.31	2.77	22.42	2.85
		25	23	27.97	2.61	27.14	2.68	26.20	2.78	25.70	2.84	25.31	2.88	24.35	2.96
		30	28	30.18	2.71	29.25	2.80	28.24	2.88	27.72	2.95	27.31	3.00	26.31	3.07
		35	32	32.39	2.81	31.36	2.91	30.29	2.98	29.75	3.05	29.31	3.11	28.25	3.18
		40	36	34.04	2.89	33.08	2.99	32.03	3.07	31.48	3.14	31.03	3.19	29.91	3.28
		45	41	36.10	2.99	35.24	3.09	34.20	3.19	33.64	3.25	33.18	3.29	31.98	3.39
		47	43	36.93	3.03	36.10	3.13	35.07	3.23	**34.50**	**3.29**	34.04	3.33	32.80	3.43
		50	46	37.04	3.01	36.29	3.10	35.39	3.19	34.88	3.24	34.47	3.28	33.31	3.37
		55	51	37.22	2.98	36.60	3.06	35.93	3.13	35.51	3.16	35.18	3.19	34.14	3.26
		60	56	37.40	2.95	36.91	3.01	36.46	3.06	36.15	3.09	35.90	3.10	34.98	3.15
		63	59	37.51	2.93	37.10	2.98	36.78	3.02	36.53	3.04	36.33	3.05	35.48	3.09
		68	64	37.62	2.91	37.29	2.95	37.10	2.98	36.91	2.99	36.76	3.00	35.99	3.02
	9 + 12 + 12	0	-0.4	19.05	2.41	17.94	2.50	17.93	2.54	17.52	2.56	17.19	2.58	16.47	2.67
		5	4.5	22.31	2.47	21.27	2.56	20.95	2.61	20.51	2.64	20.15	2.67	19.34	2.76
		10	9	24.49	2.53	23.50	2.62	22.98	2.68	22.51	2.72	22.14	2.75	21.27	2.84
		17	15	26.89	2.61	25.96	2.69	25.21	2.78	**24.71**	**2.82**	24.32	2.86	23.38	2.94
		20	19	28.35	2.66	27.44	2.74	26.56	2.84	26.05	2.89	25.64	2.93	24.67	3.01
		25	23	30.77	2.76	29.86	2.84	28.82	2.94	28.27	3.00	27.84	3.05	26.79	3.13
		30	28	33.20	2.86	32.17	2.96	31.07	3.05	30.50	3.12	30.04	3.17	28.94	3.25
		35	32	35.63	2.97	34.50	3.08	33.32	3.16	32.72	3.23	32.24	3.29	31.08	3.37
		40	36	37.45	3.06	36.39	3.16	35.23	3.25	34.62	3.32	34.13	3.38	32.90	3.46
		45	41	39.72	3.17	38.77	3.27	37.62	3.37	37.00	3.43	36.50	3.48	35.17	3.59
		47	43	40.62	3.21	39.72	3.31	38.58	3.42	**37.95**	**3.48**	37.45	3.53	36.08	3.63
		50	46	40.74	3.19	39.92	3.28	38.93	3.38	38.37	3.43	37.92	3.47	36.64	3.56
		55	51	40.94	3.15	40.26	3.23	39.52	3.31	39.07	3.35	38.70	3.38	37.56	3.45
		60	56	41.14	3.12	40.60	3.18	40.11	3.24	39.76	3.26	39.49	3.28	38.48	3.33
		63	59	41.26	3.10	40.81	3.15	40.46	3.20	40.18	3.21	39.96	3.23	39.03	3.27
		68	64	41.38	3.08	41.02	3.12	40.81	3.16	40.60	3.17	40.44	3.17	39.59	3.20

TC = Total Capacity (kBtu/h).

PI = Power Input (kW).

Nominal capacity as rated: 0 ft. above sea level with 25 ft. of refrigerant piping.
0 ft. level difference between outdoor and indoor units.

Nominal heating capacity rating obtained with air entering the indoor unit at 70°F dry bulb (DB) and 60°F wet bulb (WB), and outdoor ambient conditions of 47°F dry bulb (DB) and 43°F wet bulb (WB).

Due to our policy of continuous product innovation, some specifications may change without notification.
©LG Electronics U.S.A., Inc., Englewood Cliffs, NJ. All rights reserved. "LG" is a registered trademark of LG Corp.

PERFORMANCE DATA

Heating Capacity Tables

Table 105: LMU369HV Heating Capacity Table — Mixed Indoor Units (continued).

Connected Indoor Units	Combination Capacity Index	Outdoor Air Temp.		Indoor Air Temp. °F DB											
		°F	°F	61		64		68		70		72		75	
		DB	WB	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
Three (3) Mixed Indoor Units	12 + 12 + 12	0	-0.4	20.58	2.53	19.38	2.62	19.37	2.66	18.93	2.69	18.58	2.70	17.79	2.80
		5	4.5	24.10	2.59	22.98	2.69	22.64	2.74	22.16	2.77	21.77	2.80	20.90	2.89
		10	9	26.46	2.65	25.39	2.75	24.83	2.81	24.32	2.85	23.92	2.88	22.98	2.97
		17	15	29.05	2.74	28.04	2.82	27.23	2.91	**26.70**	**2.96**	26.27	3.00	25.26	3.09
		20	19	30.62	2.79	29.65	2.88	28.69	2.98	28.14	3.03	27.70	3.08	26.65	3.16
		25	23	33.24	2.89	32.26	2.98	31.13	3.09	30.55	3.15	30.07	3.20	28.94	3.28
		30	28	35.87	3.00	34.76	3.10	33.56	3.20	32.95	3.27	32.46	3.32	31.26	3.41
		35	32	38.49	3.12	37.27	3.23	36.00	3.31	35.35	3.39	34.83	3.45	33.58	3.53
		40	36	40.46	3.21	39.32	3.32	38.07	3.41	37.41	3.48	36.88	3.54	35.54	3.63
		45	41	42.91	3.32	41.88	3.43	40.65	3.54	39.97	3.60	39.43	3.65	38.00	3.76
		47	43	43.89	3.37	42.91	3.48	41.68	3.59	**41.00**	**3.65**	40.46	3.70	38.98	3.81
		50	46	44.02	3.34	43.13	3.44	42.06	3.54	41.45	3.60	40.96	3.64	39.58	3.74
		55	51	44.23	3.31	43.50	3.39	42.69	3.47	42.20	3.51	41.81	3.54	40.58	3.62
		60	56	44.45	3.27	43.87	3.34	43.33	3.40	42.96	3.42	42.66	3.44	41.57	3.50
		63	59	44.58	3.25	44.09	3.30	43.71	3.35	43.41	3.37	43.17	3.39	42.17	3.43
		68	64	44.70	3.23	44.31	3.27	44.09	3.31	43.87	3.32	43.69	3.33	42.77	3.35
	9 + 9 + 18	0	-0.4	20.58	2.53	19.38	2.62	19.37	2.66	18.93	2.69	18.58	2.70	17.79	2.80
		5	4.5	24.10	2.59	22.98	2.69	22.64	2.74	22.16	2.77	21.77	2.80	20.90	2.89
		10	9	26.46	2.65	25.39	2.75	24.83	2.81	24.32	2.85	23.92	2.88	22.98	2.97
		17	15	29.05	2.74	28.04	2.82	27.23	2.91	**26.70**	**2.96**	26.27	3.00	25.26	3.09
		20	19	30.62	2.79	29.65	2.88	28.69	2.98	28.14	3.03	27.70	3.08	26.65	3.16
		25	23	33.24	2.89	32.26	2.98	31.13	3.09	30.55	3.15	30.07	3.20	28.94	3.28
		30	28	35.87	3.00	34.76	3.10	33.56	3.20	32.95	3.27	32.46	3.32	31.26	3.41
		35	32	38.49	3.12	37.27	3.23	36.00	3.31	35.35	3.39	34.83	3.45	33.58	3.53
		40	36	40.46	3.21	39.32	3.32	38.07	3.41	37.41	3.48	36.88	3.54	35.54	3.63
		45	41	42.91	3.32	41.88	3.43	40.65	3.54	39.97	3.60	39.43	3.65	38.00	3.76
		47	43	43.89	3.37	42.91	3.48	41.68	3.59	**41.00**	**3.65**	40.46	3.70	38.98	3.81
		50	46	44.02	3.34	43.13	3.44	42.06	3.54	41.45	3.60	40.96	3.64	39.58	3.74
		55	51	44.23	3.31	43.50	3.39	42.69	3.47	42.20	3.51	41.81	3.54	40.58	3.62
		60	56	44.45	3.27	43.87	3.34	43.33	3.40	42.96	3.42	42.66	3.44	41.57	3.50
		63	59	44.58	3.25	44.09	3.30	43.71	3.35	43.41	3.37	43.17	3.39	42.17	3.43
		68	64	44.70	3.23	44.31	3.27	44.09	3.31	43.87	3.32	43.69	3.33	42.77	3.35
	9 + 12 + 18	0	-0.4	20.58	2.53	19.38	2.62	19.37	2.66	18.93	2.69	18.58	2.70	17.79	2.80
		5	4.5	24.10	2.59	22.98	2.69	22.64	2.74	22.16	2.77	21.77	2.80	20.90	2.89
		10	9	26.46	2.65	25.39	2.75	24.83	2.81	24.32	2.85	23.92	2.88	22.98	2.97
		17	15	29.05	2.74	28.04	2.82	27.23	2.91	**26.70**	**2.96**	26.27	3.00	25.26	3.09
		20	19	30.62	2.79	29.65	2.88	28.69	2.98	28.14	3.03	27.70	3.08	26.65	3.16
		25	23	33.24	2.89	32.26	2.98	31.13	3.09	30.55	3.15	30.07	3.20	28.94	3.28
		30	28	35.87	3.00	34.76	3.10	33.56	3.20	32.95	3.27	32.46	3.32	31.26	3.41
		35	32	38.49	3.12	37.27	3.23	36.00	3.31	35.35	3.39	34.83	3.45	33.58	3.53
		40	36	40.46	3.21	39.32	3.32	38.07	3.41	37.41	3.48	36.88	3.54	35.54	3.63
		45	41	42.91	3.32	41.88	3.43	40.65	3.54	39.97	3.60	39.43	3.65	38.00	3.76
		47	43	43.89	3.37	42.91	3.48	41.68	3.59	**41.00**	**3.65**	40.46	3.70	38.98	3.81
		50	46	44.02	3.34	43.13	3.44	42.06	3.54	41.45	3.60	40.96	3.64	39.58	3.74
		55	51	44.23	3.31	43.50	3.39	42.69	3.47	42.20	3.51	41.81	3.54	40.58	3.62
		60	56	44.45	3.27	43.87	3.34	43.33	3.40	42.96	3.42	42.66	3.44	41.57	3.50
		63	59	44.58	3.25	44.09	3.30	43.71	3.35	43.41	3.37	43.17	3.39	42.17	3.43
		68	64	44.70	3.23	44.31	3.27	44.09	3.31	43.87	3.32	43.69	3.33	42.77	3.35

TC = Total Capacity (kBtu/h).

PI = Power Input (kW).

Nominal capacity as rated: 0 ft. above sea level with 25 ft. of refrigerant piping.
0 ft. level difference between outdoor and indoor units.

Nominal heating capacity rating obtained with air entering the indoor unit at 70°F dry bulb (DB) and 60°F wet bulb (WB), and outdoor ambient conditions of 47°F dry bulb (DB) and 43°F wet bulb (WB).

Due to our policy of continuous product innovation, some specifications may change without notification.
©LG Electronics U.S.A., Inc., Englewood Cliffs, NJ. All rights reserved. "LG" is a registered trademark of LG Corp.

Table 106: LMU369HV Heating Capacity Table — Mixed Indoor Units (continued).

Connected Indoor Units	Combination Capacity Index	Outdoor Air Temp.		Indoor Air Temp. °F DB											
		°F	°F	61		64		68		70		72		75	
		DB	WB	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
Three (3) Mixed Indoor Units	12 + 12 + 18	0	-0.4	20.58	2.53	19.38	2.62	19.37	2.66	18.93	2.69	18.58	2.70	17.79	2.80
		5	4.5	24.10	2.59	22.98	2.69	22.64	2.74	22.16	2.77	21.77	2.80	20.90	2.89
		10	9	26.46	2.65	25.39	2.75	24.83	2.81	24.32	2.85	23.92	2.88	22.98	2.97
		17	15	29.05	2.74	28.04	2.82	27.23	2.91	**26.70**	**2.96**	26.27	3.00	25.26	3.09
		20	19	30.62	2.79	29.65	2.88	28.69	2.98	28.14	3.03	27.70	3.08	26.65	3.16
		25	23	33.24	2.89	32.26	2.98	31.13	3.09	30.55	3.15	30.07	3.20	28.94	3.28
		30	28	35.87	3.00	34.76	3.10	33.56	3.20	32.95	3.27	32.46	3.32	31.26	3.41
		35	32	38.49	3.12	37.27	3.23	36.00	3.31	35.35	3.39	34.83	3.45	33.58	3.53
		40	36	40.46	3.21	39.32	3.32	38.07	3.41	37.41	3.48	36.88	3.54	35.54	3.63
		45	41	42.91	3.32	41.88	3.43	40.65	3.54	39.97	3.60	39.43	3.65	38.00	3.76
		47	43	43.89	3.37	42.91	3.48	41.68	3.59	**41.00**	**3.65**	40.46	3.70	38.98	3.81
		50	46	44.02	3.34	43.13	3.44	42.06	3.54	41.45	3.60	40.96	3.64	39.58	3.74
		55	51	44.23	3.31	43.50	3.39	42.69	3.47	42.20	3.51	41.81	3.54	40.58	3.62
		60	56	44.45	3.27	43.87	3.34	43.33	3.40	42.96	3.42	42.66	3.44	41.57	3.50
		63	59	44.58	3.25	44.09	3.30	43.71	3.35	43.41	3.37	43.17	3.39	42.17	3.43
		68	64	44.70	3.23	44.31	3.27	44.09	3.31	43.87	3.32	43.69	3.33	42.77	3.35
	9 + 18 + 18	0	-0.4	20.58	2.53	19.38	2.62	19.37	2.66	18.93	2.69	18.58	2.70	17.79	2.80
		5	4.5	24.10	2.59	22.98	2.69	22.64	2.74	22.16	2.77	21.77	2.80	20.90	2.89
		10	9	26.46	2.65	25.39	2.75	24.83	2.81	24.32	2.85	23.92	2.88	22.98	2.97
		17	15	29.05	2.74	28.04	2.82	27.23	2.91	**26.70**	**2.96**	26.27	3.00	25.26	3.09
		20	19	30.62	2.79	29.65	2.88	28.69	2.98	28.14	3.03	27.70	3.08	26.65	3.16
		25	23	33.24	2.89	32.26	2.98	31.13	3.09	30.55	3.15	30.07	3.20	28.94	3.28
		30	28	35.87	3.00	34.76	3.10	33.56	3.20	32.95	3.27	32.46	3.32	31.26	3.41
		35	32	38.49	3.12	37.27	3.23	36.00	3.31	35.35	3.39	34.83	3.45	33.58	3.53
		40	36	40.46	3.21	39.32	3.32	38.07	3.41	37.41	3.48	36.88	3.54	35.54	3.63
		45	41	42.91	3.32	41.88	3.43	40.65	3.54	39.97	3.60	39.43	3.65	38.00	3.76
		47	43	43.89	3.37	42.91	3.48	41.68	3.59	**41.00**	**3.65**	40.46	3.70	38.98	3.81
		50	46	44.02	3.34	43.13	3.44	42.06	3.54	41.45	3.60	40.96	3.64	39.58	3.74
		55	51	44.23	3.31	43.50	3.39	42.69	3.47	42.20	3.51	41.81	3.54	40.58	3.62
		60	56	44.45	3.27	43.87	3.34	43.33	3.40	42.96	3.42	42.66	3.44	41.57	3.50
		63	59	44.58	3.25	44.09	3.30	43.71	3.35	43.41	3.37	43.17	3.39	42.17	3.43
		68	64	44.70	3.23	44.31	3.27	44.09	3.31	43.87	3.32	43.69	3.33	42.77	3.35
	12 + 18 + 18	0	-0.4	20.58	2.53	19.38	2.62	19.37	2.66	18.93	2.69	18.58	2.70	17.79	2.80
		5	4.5	24.10	2.59	22.98	2.69	22.64	2.74	22.16	2.77	21.77	2.80	20.90	2.89
		10	9	26.46	2.65	25.39	2.75	24.83	2.81	24.32	2.85	23.92	2.88	22.98	2.97
		17	15	29.05	2.74	28.04	2.82	27.23	2.91	**26.70**	**2.96**	26.27	3.00	25.26	3.09
		20	19	30.62	2.79	29.65	2.88	28.69	2.98	28.14	3.03	27.70	3.08	26.65	3.16
		25	23	33.24	2.89	32.26	2.98	31.13	3.09	30.55	3.15	30.07	3.20	28.94	3.28
		30	28	35.87	3.00	34.76	3.10	33.56	3.20	32.95	3.27	32.46	3.32	31.26	3.41
		35	32	38.49	3.12	37.27	3.23	36.00	3.31	35.35	3.39	34.83	3.45	33.58	3.53
		40	36	40.46	3.21	39.32	3.32	38.07	3.41	37.41	3.48	36.88	3.54	35.54	3.63
		45	41	42.91	3.32	41.88	3.43	40.65	3.54	39.97	3.60	39.43	3.65	38.00	3.76
		47	43	43.89	3.37	42.91	3.48	41.68	3.59	**41.00**	**3.65**	40.46	3.70	38.98	3.81
		50	46	44.02	3.34	43.13	3.44	42.06	3.54	41.45	3.60	40.96	3.64	39.58	3.74
		55	51	44.23	3.31	43.50	3.39	42.69	3.47	42.20	3.51	41.81	3.54	40.58	3.62
		60	56	44.45	3.27	43.87	3.34	43.33	3.40	42.96	3.42	42.66	3.44	41.57	3.50
		63	59	44.58	3.25	44.09	3.30	43.71	3.35	43.41	3.37	43.17	3.39	42.17	3.43
		68	64	44.70	3.23	44.31	3.27	44.09	3.31	43.87	3.32	43.69	3.33	42.77	3.35

TC = Total Capacity (kBtu/h).

PI = Power Input (kW).

Nominal capacity as rated: 0 ft. above sea level with 25 ft. of refrigerant piping.
0 ft. level difference between outdoor and indoor units.

Nominal heating capacity rating obtained with air entering the indoor unit at 70°F dry bulb (DB) and 60°F wet bulb (WB), and outdoor ambient conditions of 47°F dry bulb (DB) and 43°F wet bulb (WB).

Due to our policy of continuous product innovation, some specifications may change without notification.
©LG Electronics U.S.A., Inc., Englewood Cliffs, NJ. All rights reserved. "LG" is a registered trademark of LG Corp.

PERFORMANCE DATA

Heating Capacity Tables

Table 107: LMU369HV Heating Capacity Table — Mixed Indoor Units (continued).

Connected Indoor Units	Combination Capacity Index	Outdoor Air Temp.		Indoor Air Temp. °F DB											
		°F	°F	61		64		68		70		72		75	
		DB	WB	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
Four (4) Mixed Indoor Units	9 + 9 + 9 + 9	0	-0.4	20.58	2.53	19.38	2.62	19.37	2.66	18.93	2.69	18.58	2.70	17.79	2.80
		5	4.5	24.10	2.59	22.98	2.69	22.64	2.74	22.16	2.77	21.77	2.80	20.90	2.89
		10	9	26.46	2.65	25.39	2.75	24.83	2.81	24.32	2.85	23.92	2.88	22.98	2.97
		17	15	29.05	2.74	28.04	2.82	27.23	2.91	**26.70**	**2.96**	26.27	3.00	25.26	3.09
		20	19	30.62	2.79	29.65	2.88	28.69	2.98	28.14	3.03	27.70	3.08	26.65	3.16
		25	23	33.24	2.89	32.26	2.98	31.13	3.09	30.55	3.15	30.07	3.20	28.94	3.28
		30	28	35.87	3.00	34.76	3.10	33.56	3.20	32.95	3.27	32.46	3.32	31.26	3.41
		35	32	38.49	3.12	37.27	3.23	36.00	3.31	35.35	3.39	34.83	3.45	33.58	3.53
		40	36	40.46	3.21	39.32	3.32	38.07	3.41	37.41	3.48	36.88	3.54	35.54	3.63
		45	41	42.91	3.32	41.88	3.43	40.65	3.54	39.97	3.60	39.43	3.65	38.00	3.76
		47	43	43.89	3.37	42.91	3.48	41.68	3.59	**41.00**	**3.65**	40.46	3.70	38.98	3.81
		50	46	44.02	3.34	43.13	3.44	42.06	3.54	41.45	3.60	40.96	3.64	39.58	3.74
		55	51	44.23	3.31	43.50	3.39	42.69	3.47	42.20	3.51	41.81	3.54	40.58	3.62
		60	56	44.45	3.27	43.87	3.34	43.33	3.40	42.96	3.42	42.66	3.44	41.57	3.50
		63	59	44.58	3.25	44.09	3.30	43.71	3.35	43.41	3.37	43.17	3.39	42.17	3.43
		68	64	44.70	3.23	44.31	3.27	44.09	3.31	43.87	3.32	43.69	3.33	42.77	3.35
	9 + 9 + 9 + 12	0	-0.4	20.58	2.53	19.38	2.62	19.37	2.66	18.93	2.69	18.58	2.70	17.79	2.80
		5	4.5	24.10	2.59	22.98	2.69	22.64	2.74	22.16	2.77	21.77	2.80	20.90	2.89
		10	9	26.46	2.65	25.39	2.75	24.83	2.81	24.32	2.85	23.92	2.88	22.98	2.97
		17	15	29.05	2.74	28.04	2.82	27.23	2.91	**26.70**	**2.96**	26.27	3.00	25.26	3.09
		20	19	30.62	2.79	29.65	2.88	28.69	2.98	28.14	3.03	27.70	3.08	26.65	3.16
		25	23	33.24	2.89	32.26	2.98	31.13	3.09	30.55	3.15	30.07	3.20	28.94	3.28
		30	28	35.87	3.00	34.76	3.10	33.56	3.20	32.95	3.27	32.46	3.32	31.26	3.41
		35	32	38.49	3.12	37.27	3.23	36.00	3.31	35.35	3.39	34.83	3.45	33.58	3.53
		40	36	40.46	3.21	39.32	3.32	38.07	3.41	37.41	3.48	36.88	3.54	35.54	3.63
		45	41	42.91	3.32	41.88	3.43	40.65	3.54	39.97	3.60	39.43	3.65	38.00	3.76
		47	43	43.89	3.37	42.91	3.48	41.68	3.59	**41.00**	**3.65**	40.46	3.70	38.98	3.81
		50	46	44.02	3.34	43.13	3.44	42.06	3.54	41.45	3.60	40.96	3.64	39.58	3.74
		55	51	44.23	3.31	43.50	3.39	42.69	3.47	42.20	3.51	41.81	3.54	40.58	3.62
		60	56	44.45	3.27	43.87	3.34	43.33	3.40	42.96	3.42	42.66	3.44	41.57	3.50
		63	59	44.58	3.25	44.09	3.30	43.71	3.35	43.41	3.37	43.17	3.39	42.17	3.43
		68	64	44.70	3.23	44.31	3.27	44.09	3.31	43.87	3.32	43.69	3.33	42.77	3.35
	9 + 9 + 12 + 12	0	-0.4	20.58	2.53	19.38	2.62	19.37	2.66	18.93	2.69	18.58	2.70	17.79	2.80
		5	4.5	24.10	2.59	22.98	2.69	22.64	2.74	22.16	2.77	21.77	2.80	20.90	2.89
		10	9	26.46	2.65	25.39	2.75	24.83	2.81	24.32	2.85	23.92	2.88	22.98	2.97
		17	15	29.05	2.74	28.04	2.82	27.23	2.91	**26.70**	**2.96**	26.27	3.00	25.26	3.09
		20	19	30.62	2.79	29.65	2.88	28.69	2.98	28.14	3.03	27.70	3.08	26.65	3.16
		25	23	33.24	2.89	32.26	2.98	31.13	3.09	30.55	3.15	30.07	3.20	28.94	3.28
		30	28	35.87	3.00	34.76	3.10	33.56	3.20	32.95	3.27	32.46	3.32	31.26	3.41
		35	32	38.49	3.12	37.27	3.23	36.00	3.31	35.35	3.39	34.83	3.45	33.58	3.53
		40	36	40.46	3.21	39.32	3.32	38.07	3.41	37.41	3.48	36.88	3.54	35.54	3.63
		45	41	42.91	3.32	41.88	3.43	40.65	3.54	39.97	3.60	39.43	3.65	38.00	3.76
		47	43	43.89	3.37	42.91	3.48	41.68	3.59	**41.00**	**3.65**	40.46	3.70	38.98	3.81
		50	46	44.02	3.34	43.13	3.44	42.06	3.54	41.45	3.60	40.96	3.64	39.58	3.74
		55	51	44.23	3.31	43.50	3.39	42.69	3.47	42.20	3.51	41.81	3.54	40.58	3.62
		60	56	44.45	3.27	43.87	3.34	43.33	3.40	42.96	3.42	42.66	3.44	41.57	3.50
		63	59	44.58	3.25	44.09	3.30	43.71	3.35	43.41	3.37	43.17	3.39	42.17	3.43
		68	64	44.70	3.23	44.31	3.27	44.09	3.31	43.87	3.32	43.69	3.33	42.77	3.35

TC = Total Capacity (kBtu/h).

PI = Power Input (kW).

Nominal capacity as rated: 0 ft. above sea level with 25 ft. of refrigerant piping.
0 ft. level difference between outdoor and indoor units.

Nominal heating capacity rating obtained with air entering the indoor unit at 70°F dry bulb (DB) and 60°F wet bulb (WB), and outdoor ambient conditions of 47°F dry bulb (DB) and 43°F wet bulb (WB).

Due to our policy of continuous product innovation, some specifications may change without notification.
©LG Electronics U.S.A., Inc., Englewood Cliffs, NJ. All rights reserved. "LG" is a registered trademark of LG Corp.

PERFORMANCE DATA

Heating Capacity Tables

Table 108: LMU369HV Heating Capacity Table — Mixed Indoor Units (continued).

Connected Indoor Units	Combination Capacity Index	Outdoor Air Temp.		Indoor Air Temp. °F DB											
		°F	°F	61		64		68		70		72		75	
		DB	WB	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
Four (4) Mixed Indoor Units	9 + 12 + 12 + 12	0	-0.4	20.58	2.53	19.38	2.62	19.37	2.66	18.93	2.69	18.58	2.70	17.79	2.80
		5	4.5	24.10	2.59	22.98	2.69	22.64	2.74	22.16	2.77	21.77	2.80	20.90	2.89
		10	9	26.46	2.65	25.39	2.75	24.83	2.81	24.32	2.85	23.92	2.88	22.98	2.97
		17	15	29.05	2.74	28.04	2.82	27.23	2.91	**26.70**	**2.96**	26.27	3.00	25.26	3.09
		20	19	30.62	2.79	29.65	2.88	28.69	2.98	28.14	3.03	27.70	3.08	26.65	3.16
		25	23	33.24	2.89	32.26	2.98	31.13	3.09	30.55	3.15	30.07	3.20	28.94	3.28
		30	28	35.87	3.00	34.76	3.10	33.56	3.20	32.95	3.27	32.46	3.32	31.26	3.41
		35	32	38.49	3.12	37.27	3.23	36.00	3.31	35.35	3.39	34.83	3.45	33.58	3.53
		40	36	40.46	3.21	39.32	3.32	38.07	3.41	37.41	3.48	36.88	3.54	35.54	3.63
		45	41	42.91	3.32	41.88	3.43	40.65	3.54	39.97	3.60	39.43	3.65	38.00	3.76
		47	43	43.89	3.37	42.91	3.48	41.68	3.59	**41.00**	**3.65**	40.46	3.70	38.98	3.81
		50	46	44.02	3.34	43.13	3.44	42.06	3.54	41.45	3.60	40.96	3.64	39.58	3.74
		55	51	44.23	3.31	43.50	3.39	42.69	3.47	42.20	3.51	41.81	3.54	40.58	3.62
		60	56	44.45	3.27	43.87	3.34	43.33	3.40	42.96	3.42	42.66	3.44	41.57	3.50
		63	59	44.58	3.25	44.09	3.30	43.71	3.35	43.41	3.37	43.17	3.39	42.17	3.43
		68	64	44.70	3.23	44.31	3.27	44.09	3.31	43.87	3.32	43.69	3.33	42.77	3.35
	9 + 9 + 9 + 18	0	-0.4	20.58	2.53	19.38	2.62	19.37	2.66	18.93	2.69	18.58	2.70	17.79	2.80
		5	4.5	24.10	2.59	22.98	2.69	22.64	2.74	22.16	2.77	21.77	2.80	20.90	2.89
		10	9	26.46	2.65	25.39	2.75	24.83	2.81	24.32	2.85	23.92	2.88	22.98	2.97
		17	15	29.05	2.74	28.04	2.82	27.23	2.91	**26.70**	**2.96**	26.27	3.00	25.26	3.09
		20	19	30.62	2.79	29.65	2.88	28.69	2.98	28.14	3.03	27.70	3.08	26.65	3.16
		25	23	33.24	2.89	32.26	2.98	31.13	3.09	30.55	3.15	30.07	3.20	28.94	3.28
		30	28	35.87	3.00	34.76	3.10	33.56	3.20	32.95	3.27	32.46	3.32	31.26	3.41
		35	32	38.49	3.12	37.27	3.23	36.00	3.31	35.35	3.39	34.83	3.45	33.58	3.53
		40	36	40.46	3.21	39.32	3.32	38.07	3.41	37.41	3.48	36.88	3.54	35.54	3.63
		45	41	42.91	3.32	41.88	3.43	40.65	3.54	39.97	3.60	39.43	3.65	38.00	3.76
		47	43	43.89	3.37	42.91	3.48	41.68	3.59	**41.00**	**3.65**	40.46	3.70	38.98	3.81
		50	46	44.02	3.34	43.13	3.44	42.06	3.54	41.45	3.60	40.96	3.64	39.58	3.74
		55	51	44.23	3.31	43.50	3.39	42.69	3.47	42.20	3.51	41.81	3.54	40.58	3.62
		60	56	44.45	3.27	43.87	3.34	43.33	3.40	42.96	3.42	42.66	3.44	41.57	3.50
		63	59	44.58	3.25	44.09	3.30	43.71	3.35	43.41	3.37	43.17	3.39	42.17	3.43
		68	64	44.70	3.23	44.31	3.27	44.09	3.31	43.87	3.32	43.69	3.33	42.77	3.35
	9 + 9 + 12 + 18	0	-0.4	20.58	2.53	19.38	2.62	19.37	2.66	18.93	2.69	18.58	2.70	17.79	2.80
		5	4.5	24.10	2.59	22.98	2.69	22.64	2.74	22.16	2.77	21.77	2.80	20.90	2.89
		10	9	26.46	2.65	25.39	2.75	24.83	2.81	24.32	2.85	23.92	2.88	22.98	2.97
		17	15	29.05	2.74	28.04	2.82	27.23	2.91	**26.70**	**2.96**	26.27	3.00	25.26	3.09
		20	19	30.62	2.79	29.65	2.88	28.69	2.98	28.14	3.03	27.70	3.08	26.65	3.16
		25	23	33.24	2.89	32.26	2.98	31.13	3.09	30.55	3.15	30.07	3.20	28.94	3.28
		30	28	35.87	3.00	34.76	3.10	33.56	3.20	32.95	3.27	32.46	3.32	31.26	3.41
		35	32	38.49	3.12	37.27	3.23	36.00	3.31	35.35	3.39	34.83	3.45	33.58	3.53
		40	36	40.46	3.21	39.32	3.32	38.07	3.41	37.41	3.48	36.88	3.54	35.54	3.63
		45	41	42.91	3.32	41.88	3.43	40.65	3.54	39.97	3.60	39.43	3.65	38.00	3.76
		47	43	43.89	3.37	42.91	3.48	41.68	3.59	**41.00**	**3.65**	40.46	3.70	38.98	3.81
		50	46	44.02	3.34	43.13	3.44	42.06	3.54	41.45	3.60	40.96	3.64	39.58	3.74
		55	51	44.23	3.31	43.50	3.39	42.69	3.47	42.20	3.51	41.81	3.54	40.58	3.62
		60	56	44.45	3.27	43.87	3.34	43.33	3.40	42.96	3.42	42.66	3.44	41.57	3.50
		63	59	44.58	3.25	44.09	3.30	43.71	3.35	43.41	3.37	43.17	3.39	42.17	3.43
		68	64	44.70	3.23	44.31	3.27	44.09	3.31	43.87	3.32	43.69	3.33	42.77	3.35

TC = Total Capacity (kBtu/h).

PI = Power Input (kW).

Nominal capacity as rated: 0 ft. above sea level with 25 ft. of refrigerant piping.
0 ft. level difference between outdoor and indoor units.

Nominal heating capacity rating obtained with air entering the indoor unit at 70°F dry bulb (DB) and 60°F wet bulb (WB), and outdoor ambient conditions of 47°F dry bulb (DB) and 43°F wet bulb (WB).

Due to our policy of continuous product innovation, some specifications may change without notification.
©LG Electronics U.S.A., Inc., Englewood Cliffs, NJ. All rights reserved. "LG" is a registered trademark of LG Corp.

PERFORMANCE DATA

Heating Capacity Tables

Table 109: LMU369HV Heating Capacity Table — Mixed Indoor Units (continued).

Connected Indoor Units	Combination Capacity Index	Outdoor Air Temp.		Indoor Air Temp. °F DB											
		°F	°F	61		64		68		70		72		75	
		DB	WB	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
Four (4) Mixed Indoor Units	12 + 12 + 12 + 12	0	-0.4	20.58	2.53	19.38	2.62	19.37	2.66	18.93	2.69	18.58	2.70	17.79	2.80
		5	4.5	24.10	2.59	22.98	2.69	22.64	2.74	22.16	2.77	21.77	2.80	20.90	2.89
		10	9	26.46	2.65	25.39	2.75	24.83	2.81	24.32	2.85	23.92	2.88	22.98	2.97
		17	15	29.05	2.74	28.04	2.82	27.23	2.91	**26.70**	**2.96**	26.27	3.00	25.26	3.09
		20	19	30.62	2.79	29.65	2.88	28.69	2.98	28.14	3.03	27.70	3.08	26.65	3.16
		25	23	33.24	2.89	32.26	2.98	31.13	3.09	30.55	3.15	30.07	3.20	28.94	3.28
		30	28	35.87	3.00	34.76	3.10	33.56	3.20	32.95	3.27	32.46	3.32	31.26	3.41
		35	32	38.49	3.12	37.27	3.23	36.00	3.31	35.35	3.39	34.83	3.45	33.58	3.53
		40	36	40.46	3.21	39.32	3.32	38.07	3.41	37.41	3.48	36.88	3.54	35.54	3.63
		45	41	42.91	3.32	41.88	3.43	40.65	3.54	39.97	3.60	39.43	3.65	38.00	3.76
		47	43	43.89	3.37	42.91	3.48	41.68	3.59	**41.00**	**3.65**	40.46	3.70	38.98	3.81
		50	46	44.02	3.34	43.13	3.44	42.06	3.54	41.45	3.60	40.96	3.64	39.58	3.74
		55	51	44.23	3.31	43.50	3.39	42.69	3.47	42.20	3.51	41.81	3.54	40.58	3.62
		60	56	44.45	3.27	43.87	3.34	43.33	3.40	42.96	3.42	42.66	3.44	41.57	3.50
		63	59	44.58	3.25	44.09	3.30	43.71	3.35	43.41	3.37	43.17	3.39	42.17	3.43
		68	64	44.70	3.23	44.31	3.27	44.09	3.31	43.87	3.32	43.69	3.33	42.77	3.35

TC = Total Capacity (kBtu/h).

PI = Power Input (kW).

Nominal capacity as rated: 0 ft. above sea level with 25 ft. of refrigerant piping.
0 ft. level difference between outdoor and indoor units.

Nominal heating capacity rating obtained with air entering the indoor unit at 70ºF dry bulb (DB) and 60ºF wet bulb (WB), and outdoor ambient conditions of 47ºF dry bulb (DB) and 43ºF wet bulb (WB).

Due to our policy of continuous product innovation, some specifications may change without notification.
©LG Electronics U.S.A., Inc., Englewood Cliffs, NJ. All rights reserved. "LG" is a registered trademark of LG Corp.

MULTI F OUTDOOR UNIT

Electrical and Acoustic Data

Electrical Data

Table 110: Electrical Data.

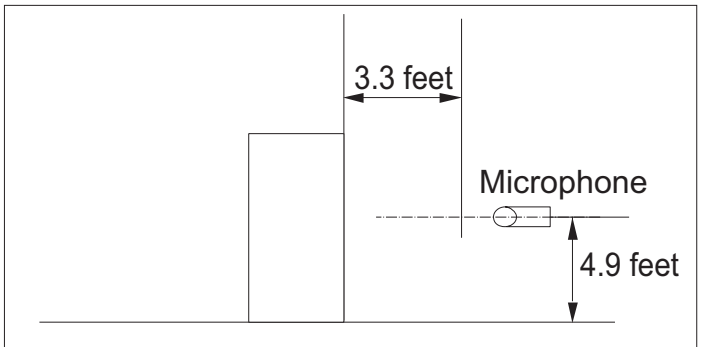
Nominal Tons	Unit Model No.	Hertz	Voltage	Voltage Range (Min. to Max.)	MCA	MOP	Compressor Quantity	Compressor Motor RLA	Condenser Fan Motor(s)	
									Condenser Fan Quantity.	Condenser Fan Motor FLA
1.5	LMU187HV	60	208 - 230	187 - 253	11.0	15	1	8.2	1	0.40
2	LMU247HV				15.4	25	1	11.6	1	0.40
3	LMU369HV				16.8	25	1	12.1	2	0.55 x 2

Voltage tolerance is ±10%.
Maximum allowable voltage unbalance is 2%.
RLA = Rated Load Amps.

MCA = Minimum Circuit Ampacity.
Maximum Overcurrent Protection (MOP) is calculated as follows:
(Largest motor FLA x 2.25) + (Sum of other motor FLA) rounded down to the nearest standard fuse size.

Acoustic Data

Figure 9: Acoustic Measurement Location.



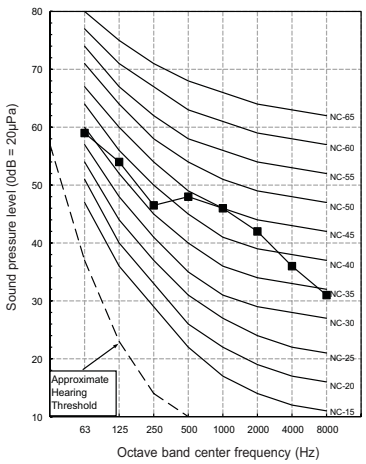
- Measurement taken 4.9' above finished floor, and at a distance of 3.3' from face of unit.
- Measurements taken with no attenuation and units operating at full load normal operating condition.
- Sound level will vary depending on a range of factors such as construction (acoustic absorption coefficient) of particular area in which the equipment is installed.
- Sound level may be increased in static pressure mode or if air guide is used.
- Sound pressure levels are measured in dB(A)±3.
- Tested in anechoic chamber per ISO Standard 3745.

Table 111: Sound Pressure Levels (dB[A]).

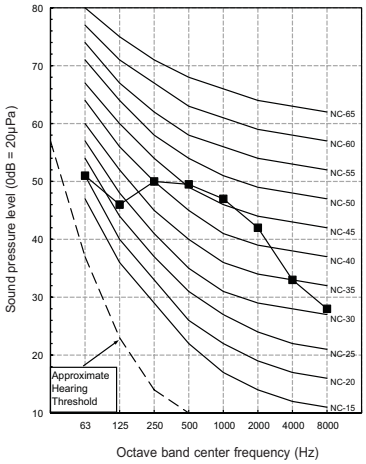
Model No.	Sound Pressure Level (dB[A])
LMU187HV	51
LMU247HV	51
LMU369HV	57

Figure 10: Sound Pressure Level Diagrams.

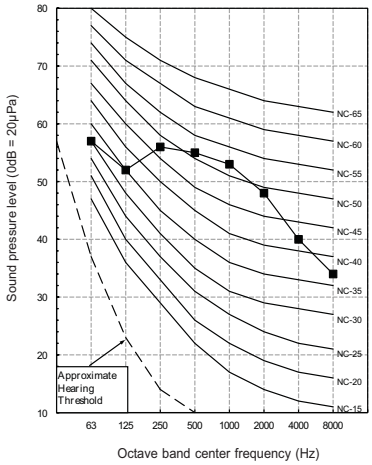
LMU187HV



LMU247HV



LMU369HV



Due to our policy of continuous product innovation, some specifications may change without notification.
©LG Electronics U.S.A., Inc., Englewood Cliffs, NJ. All rights reserved. "LG" is a registered trademark of LG Corp.

MULTI F OUTDOOR UNIT

Refrigerant Flow Diagram

Figure 11: LMU187HV Refrigerant Flow Diagram.

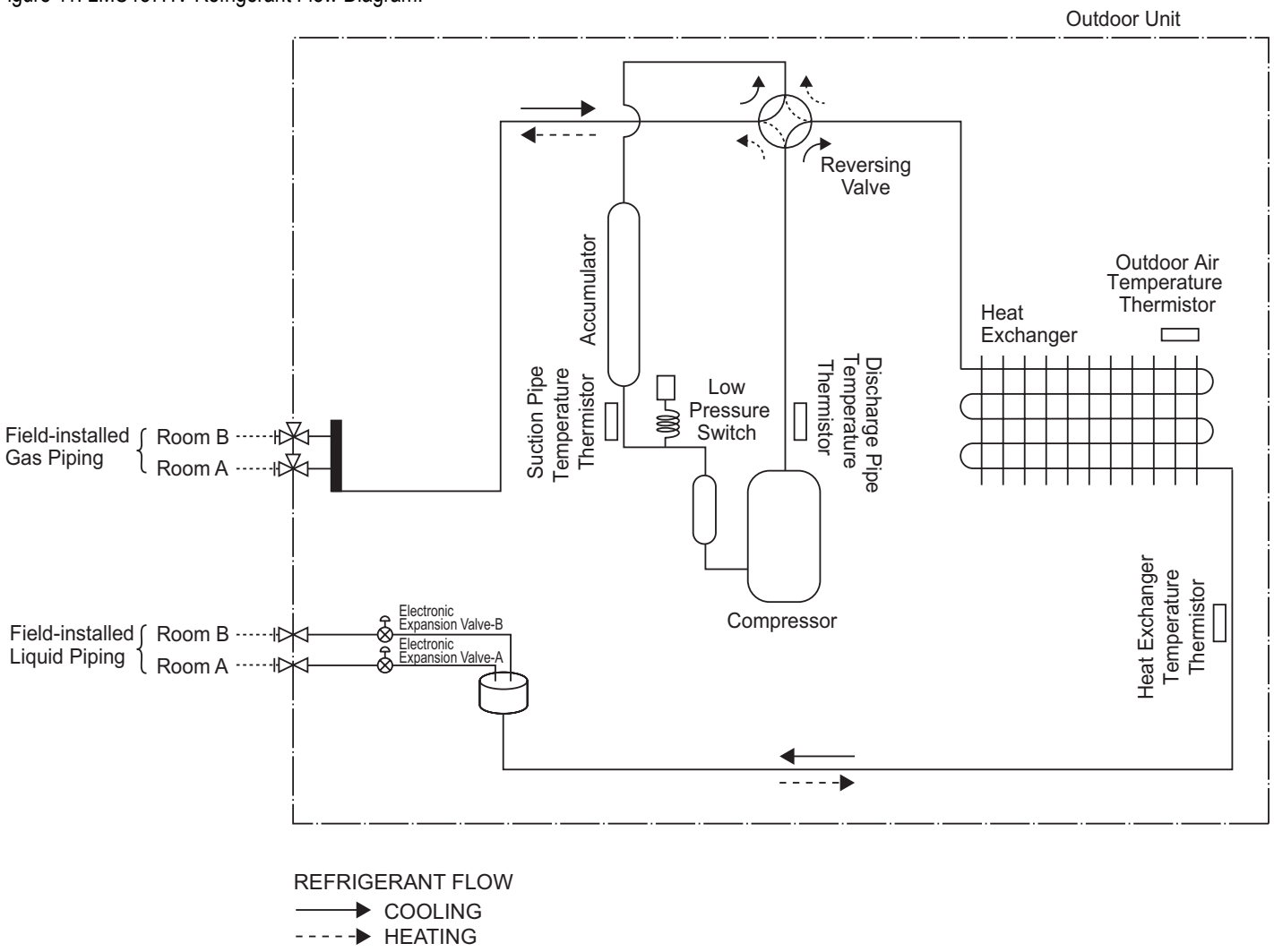


Table 112: LMU187HV Thermistor Details.

Description	PCB Connector
Outdoor Air Temperature Thermistor	CN-TH2
Heat Exchanger Temperature Thermistor	
Discharge Pipe Temperature Thermistor	CN-TH3
Suction Pipe Temperature Thermistor	

Due to our policy of continuous product innovation, some specifications may change without notification.
©LG Electronics U.S.A., Inc., Englewood Cliffs, NJ. All rights reserved. "LG" is a registered trademark of LG Corp.

Figure 12: LMU247HV Refrigerant Flow Diagram.

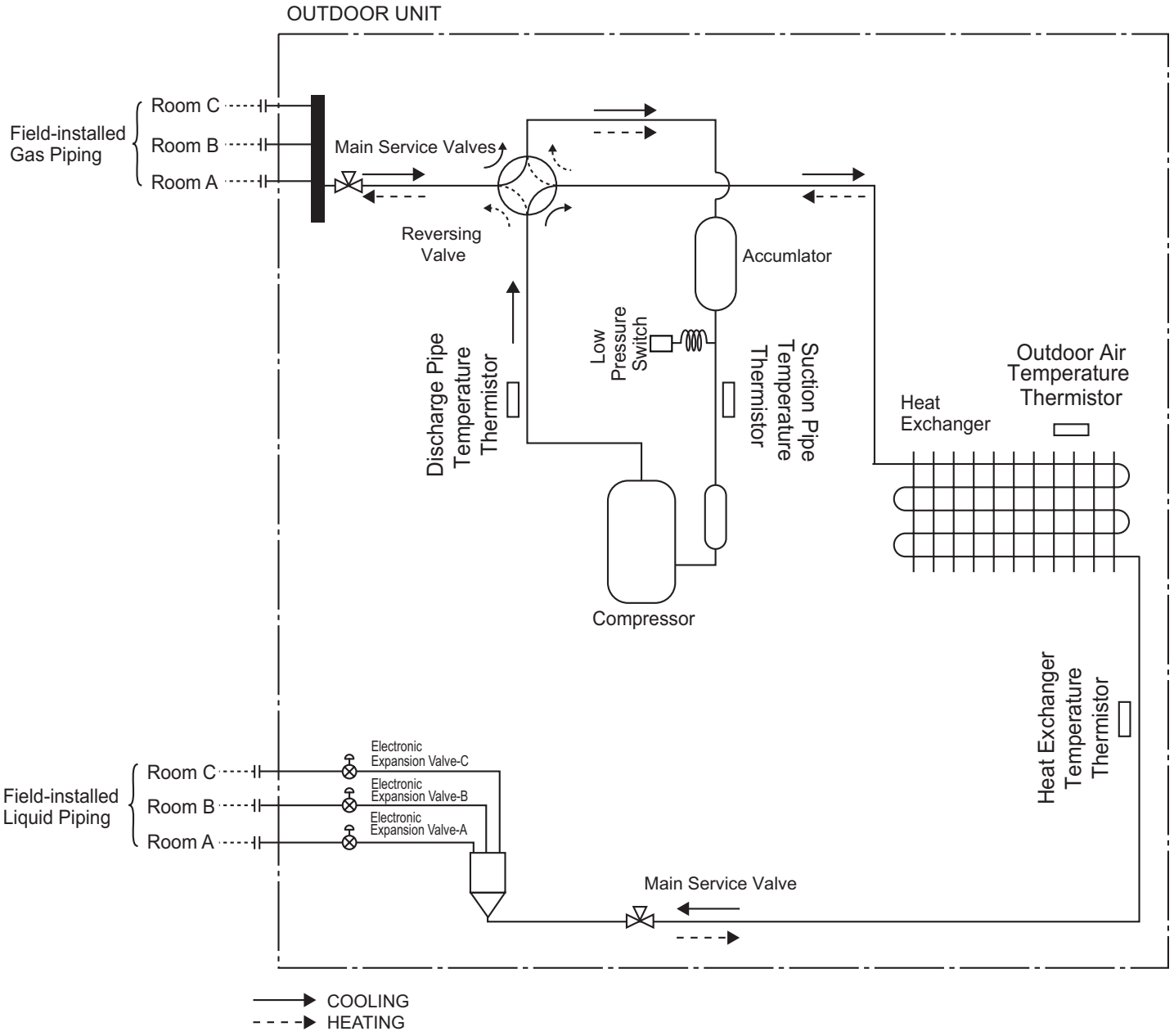


Table 113: LMU247HV Thermistor Details.

Description	PCB Connector
Outdoor Air Temperature Thermistor	CN-TH2
Heat Exchanger Temperature Thermistor	
Discharge Pipe Temperature Thermistor	CN-TH3
Suction Pipe Temperature Thermistor	

Due to our policy of continuous product innovation, some specifications may change without notification.
©LG Electronics U.S.A., Inc., Englewood Cliffs, NJ. All rights reserved. "LG" is a registered trademark of LG Corp.

MULTI F OUTDOOR UNIT

Refrigerant Flow Diagram

Figure 13: LMU369HV Refrigerant Flow Diagram.

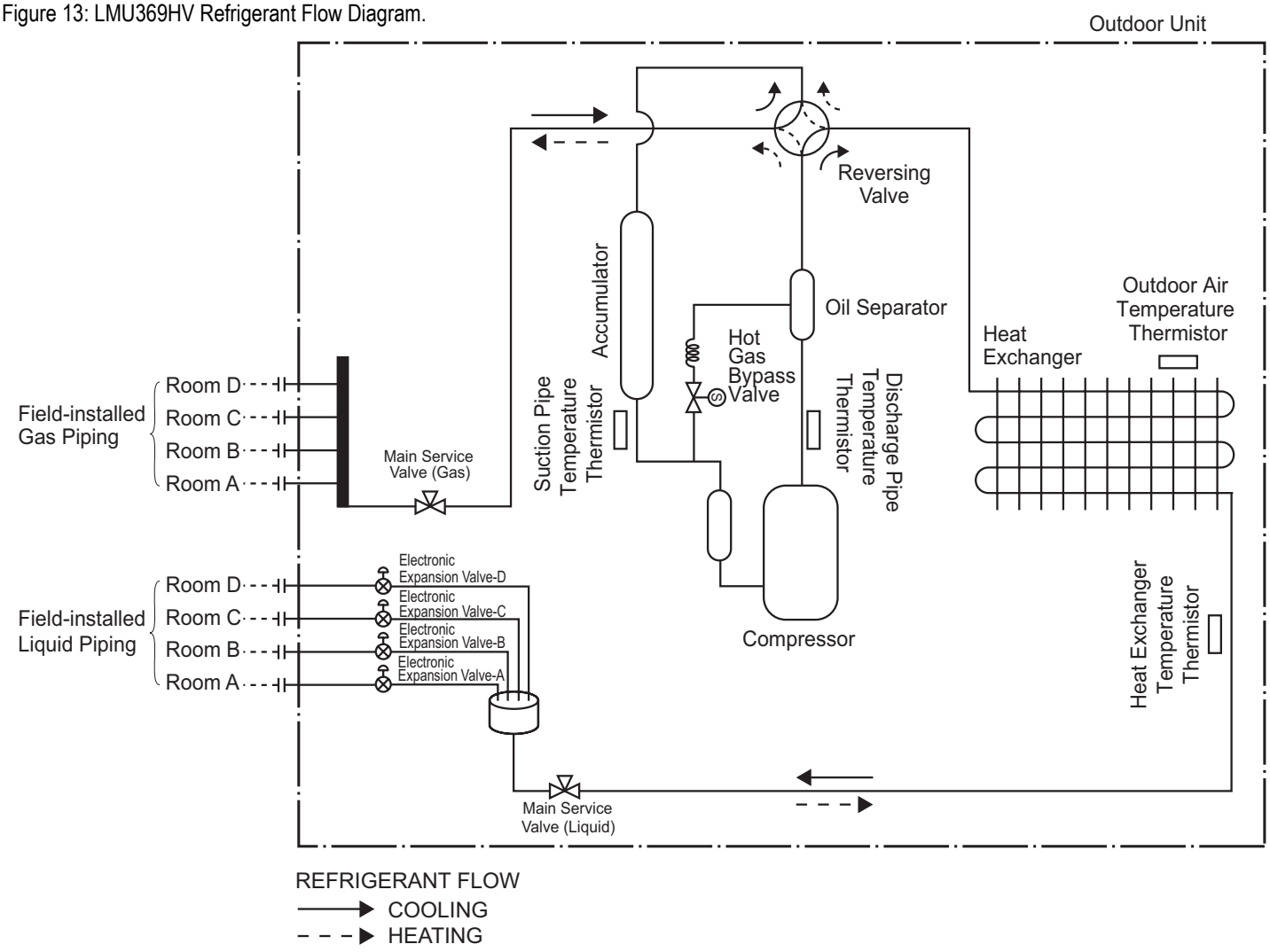
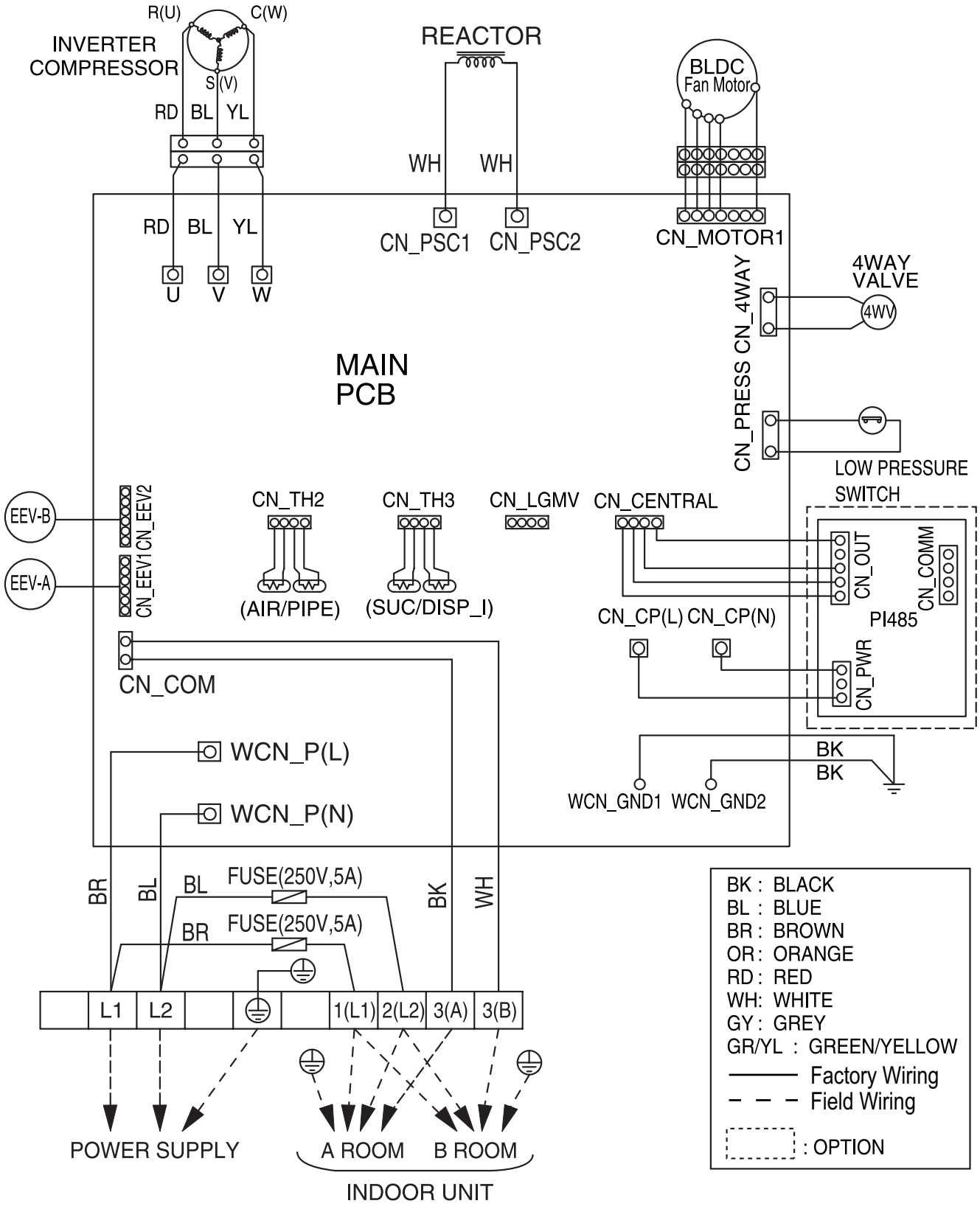


Table 114: LMU369HV Thermistor Details.

Description	PCB Connector
Outdoor Air Temperature Thermistor	CN-TH2
Heat Exchanger Temperature Thermistor	
Discharge Pipe Temperature Thermistor	CN-TH3
Suction Pipe Temperature Thermistor	

Due to our policy of continuous product innovation, some specifications may change without notification.
©LG Electronics U.S.A., Inc., Englewood Cliffs, NJ. All rights reserved. "LG" is a registered trademark of LG Corp.

Figure 14: LMU187HV Wiring Diagram.

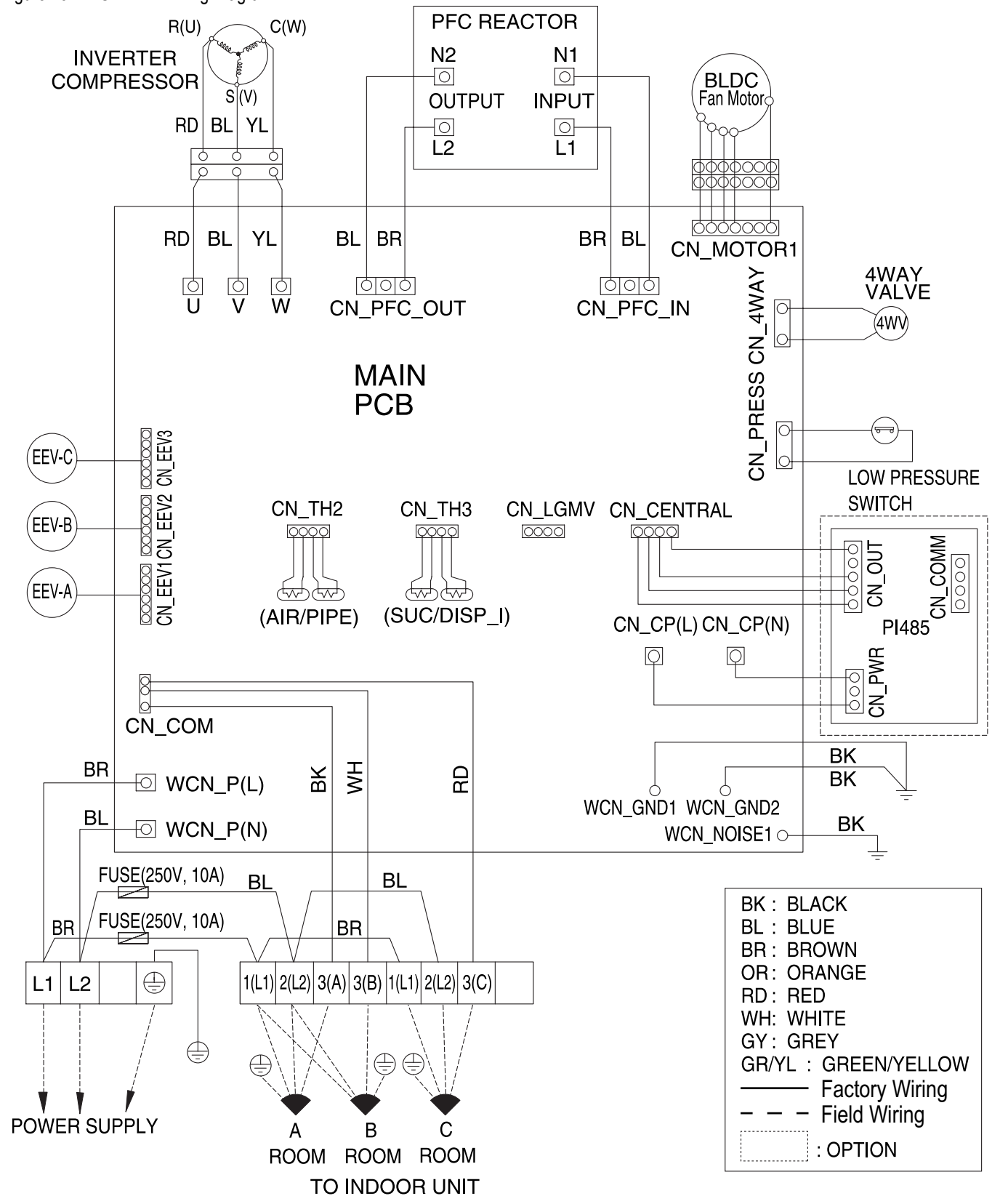


Due to our policy of continuous product innovation, some specifications may change without notification.
©LG Electronics U.S.A., Inc., Englewood Cliffs, NJ. All rights reserved. "LG" is a registered trademark of LG Corp.

MULTI F OUTDOOR UNIT

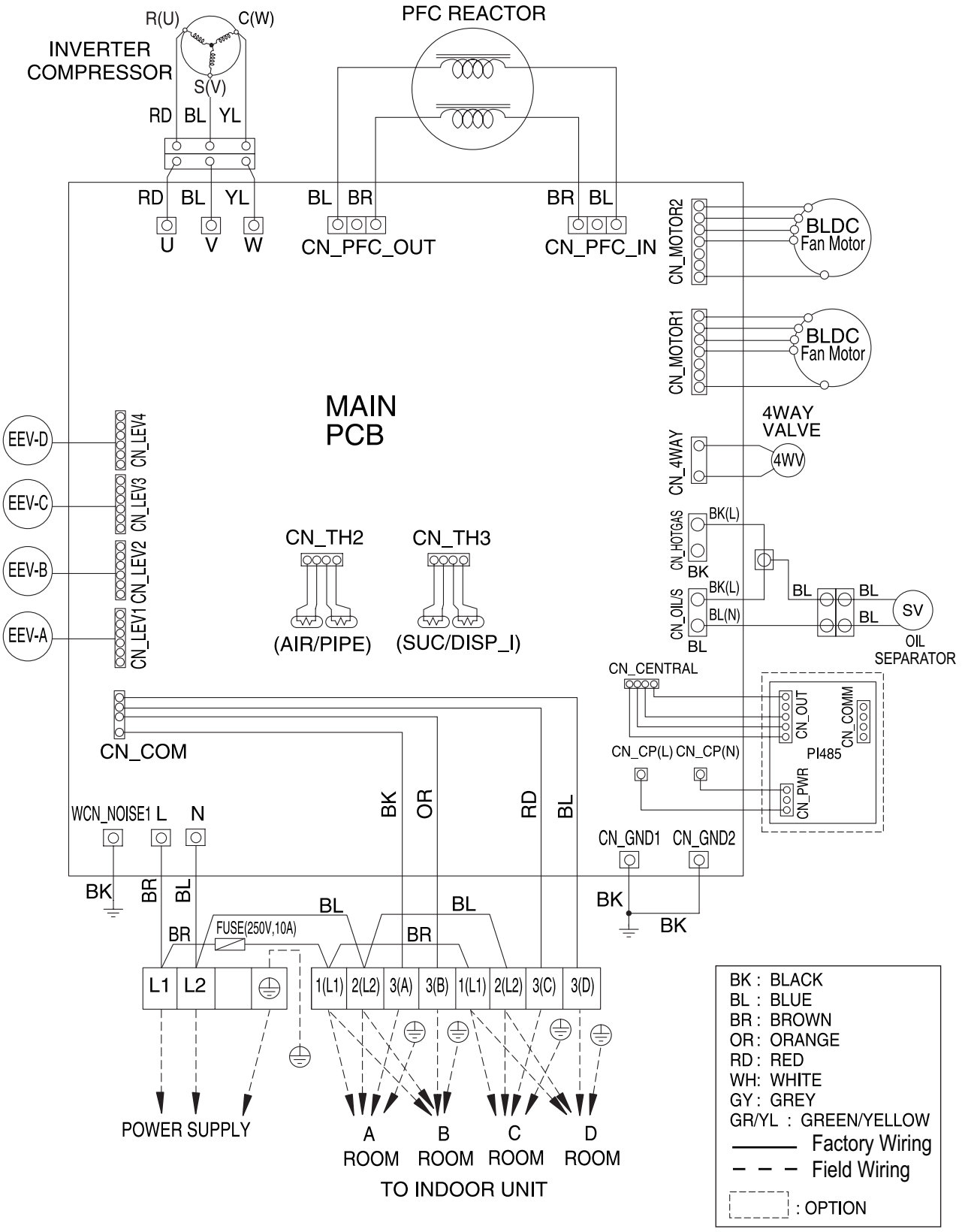
Wiring Diagram

Figure 15: LMU247HV Wiring Diagram.



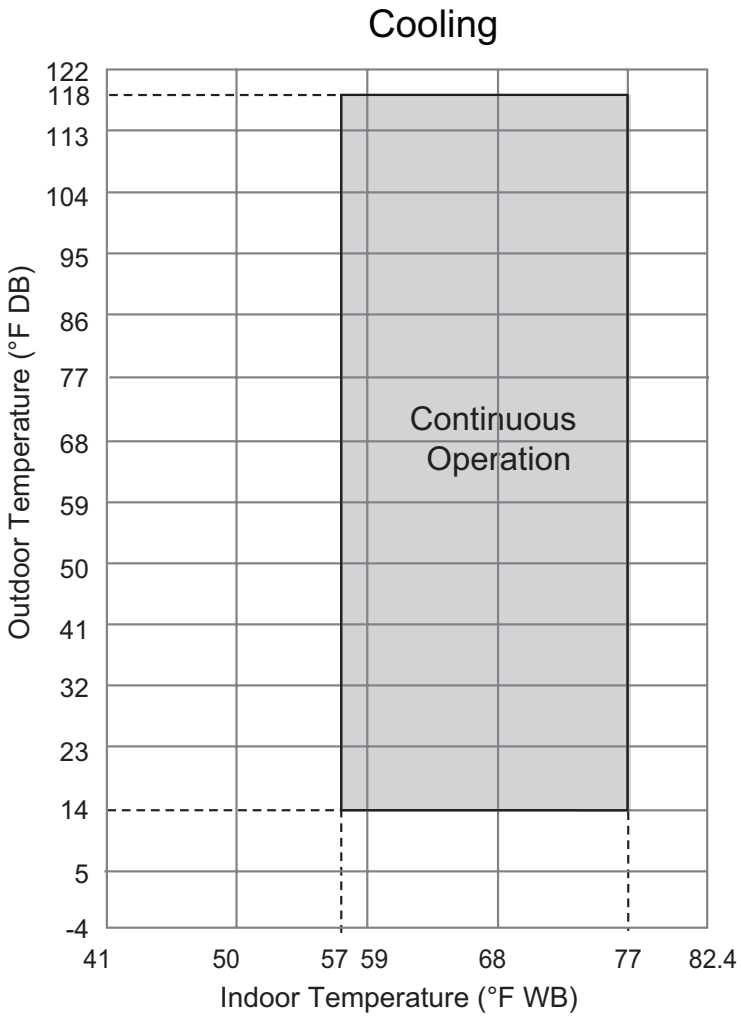
Due to our policy of continuous product innovation, some specifications may change without notification.
©LG Electronics U.S.A., Inc., Englewood Cliffs, NJ. All rights reserved. "LG" is a registered trademark of LG Corp.

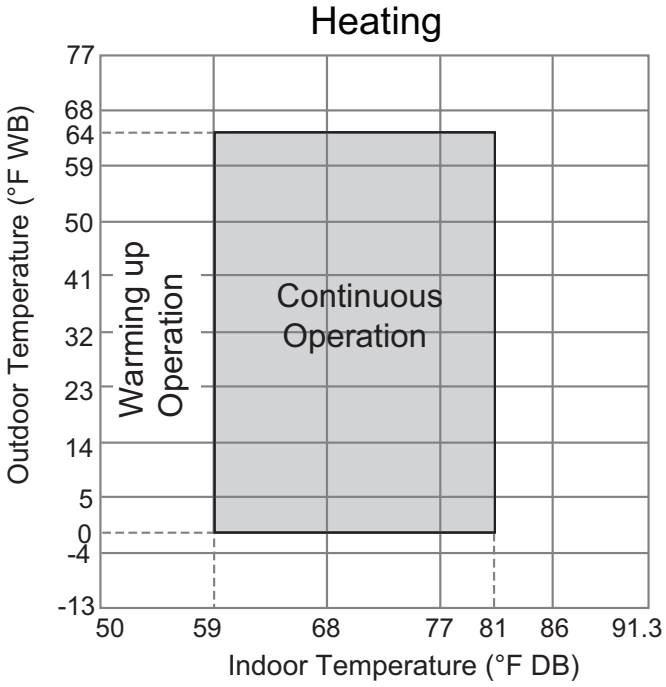
Figure 16: LMU369HV Wiring Diagram.



Due to our policy of continuous product innovation, some specifications may change without notification.
©LG Electronics U.S.A., Inc., Englewood Cliffs, NJ. All rights reserved. "LG" is a registered trademark of LG Corp.

Figure 17: Cooling and Heating Operation Ranges.





Due to our policy of continuous product innovation, some specifications may change without notification.
©LG Electronics U.S.A., Inc., Englewood Cliffs, NJ. All rights reserved. "LG" is a registered trademark of LG Corp.

Due to our policy of continuous product innovation, some specifications may change without notification.
©LG Electronics U.S.A., Inc., Englewood Cliffs, NJ. All rights reserved. "LG" is a registered trademark of LG Corp.

MULTI F MAX OUTDOOR UNIT DATA

“Product Features and Benefits” on page 126
“Mechanical Specifications” on page 127
“General Data” on page 128
“Dimensions” on page 130
“Rated Cooling Combination Tables” on page 131
“Rated Heating Combination Tables” on page 134
“Cooling Capacity Tables ” on page 137
“Heating Capacity Tables” on page 154
“Electrical Data” on page 165
“Acoustic Data” on page 165
“Refrigerant Flow Diagrams” on page 166
“Wiring Diagrams” on page 167
“Operation Range” on page 168

MULTI F MAX OUTDOOR UNIT

Features and Benefits

MULTI F
MULTI F MAX

Multi F MAX inverter-driven heat pump systems can operate up to eight indoor units, providing cooling or heating for an entire home and zoning capabilities. Compact refrigerant pipes work in tandem with wiring to link the outdoor unit with all indoor units through a single or pair of branch distribution (BD) unit(s). Most indoor units include its own remote control, allowing the user to set the temperature individually in different rooms. The indoor units are available in a variety of capacities and styles, including Art Cool ™ Mirror and Gallery Wall Mount, Standard Wall Mount, Four-Way Ceiling Cassette, Horizontal Ceiling Concealed Duct, and Vertical-Horizontal Air Handling models.

Features

- Advanced climate control for up to eight (8) zones
- Inverter (Variable speed compressor)
- DC inverter technology – load matches to reduce power consumption
- Low ambient operation to 14ºF (Cooling)
- Heating operation down to 0ºF
- Defrost
- Restart delay (three [3] minutes)
- Self diagnosis
- Soft start
- Auto operation / auto restart operation
- Gold Fin™ anti-corrosion

Benefits

- Refrigerant piping lengths allow for extra design flexibility in indoor unit installation
- Easy installation: Little to no ductwork required; most indoor units can mount on any wall
- Indoor unit and outdoor unit dimensions ensure space saving convenience
- All-season use—heat pump models have both cooling and heating capabilities

Figure 18: Multi F MAX Heat Pump Inverter System — Mix and match for 24,000-73,000 Btu/h.



Due to our policy of continuous product innovation, some specifications may change without notification.
©LG Electronics U.S.A., Inc., Englewood Cliffs, NJ. All rights reserved. "LG" is a registered trademark of LG Corp.

Multi F MAX Heat Pump Condensing Units

General

A Multi F MAX multi-zone system is comprised of one heat pump outdoor unit connected up to eight indoor units through a branch distribution unit (BD) using a single refrigerant piping circuit, and includes integrated controls supplied by LG. Factory-designed and supplied Y-branches may be used as well.

The outdoor unit is internally assembled, wired, and piped from the factory; all LG components are manufactured in a facility registered to ISO 9001 and ISO 14001, set by the International Organization for Standardization (ISO). The LG Multi F MAX multi zone heat pump system components comply with Underwriters Laboratories (UL) 1995 Heating and Cooling Equipment Standard for Safety, and bear the Electrical Testing Laboratories (ETL) mark. The units are certified to AHRI 210 / 240.

Temperature Ranges

The heat pump outdoor units are capable of operating in cooling mode from 14°F to 118°F ambient dry bulb. The heat pump outdoor units are capable of operating in heating mode from 0°F to 64°F ambient wet bulb without additional low ambient controls.

Frame

Multi F MAX condensing unit case is constructed from pre-coated metal that has been tested in accordance with ASTM B-117 salt spray procedure for a minimum of 1,000 hours. Case has a removable front panel to allow access to major components and control devices, and legs to secure the unit during installation.

Refrigerant System

Multi F MAX systems have a single refrigerant circuit field piped with a manufacturer-supplied BD unit(s) and Y-branches (if applicable) to multiple (ducted, non-ducted or mixed) indoor units to effectively and efficiently control the heating or cooling operation of the multi zone system. All refrigerant lines from the outdoor unit to the BD unit(s) and from the BD unit(s) to indoor units are field-installed and must be insulated separately.

Multi F MAX systems use R410A refrigerant. The outdoor units are equipped with a refrigerant strainer, check valves, oil separator, accumulator, four-way reversing valve, electronic expansion valve(s) (EEV), high side and low side refrigerant charging ports, and a service port. The outdoor unit also includes sensors for suction temperature, discharge temperature, high-pressure, low-pressure, heat exchanger temperature, and outdoor temperature conditions.

Refrigeration Oil Control

The outdoor unit has an oil separator to separate oil mixed with the refrigerant gas during compression and return oil to the compressor. The outdoor unit also has an oil injection mechanism to ensure a consistent film of oil on all moving compressor parts at low speed.

Compressor

Multi F condensing units are equipped with one hermetically sealed, digitally controlled, inverter driven twin-rotary compressor that includes Teflon™ coated bearings. The inverter motor is capable of providing a modulation range of 20Hz to 100Hz with control in 1Hz increments. The compressor is protected with phase-reversal protection, uses a factory-charge of Polyvinyl Ether (PVE) oil, and is mounted to avoid the transmission of vibration. Compressor in the Multi F MAX outdoor unit is equipped with a hot gas bypass valve.

Figure 19: Multi F MAX LMU540HV Outdoor Unit.



Fan and Motors

The Multi F MAX outdoor unit includes two direct drive variable speed propeller fans with Brushless Digitally Controlled (BLDC) motor with a horizontal air discharge.

Fan blades are statically and dynamically balanced propeller fans made of durable Acrylonitrile Butadiene Styrene (ABS) plastic, and include a raised fan guard to limit contact with moving parts. The motors have inherent overload protection, permanently lubricated bearings, and a maximum speed up to 950 rpm. Multi F MAX outdoor unit has a horizontal discharge airflow.

Outdoor Unit Coil

The outdoor unit coils are factory-built of aluminum fins mechanically bonded on copper tubing. Coils have a minimum of two rows, a minimum of 14 fins per inch, and have been factory pressure-tested.

Coil fins also have a factory applied corrosion-resistant GoldFin™ material with hydrophilic coating that has been tested in accordance with ASTM B-117 salt spray test procedure for a minimum of 1,000 hours.

Electrical

Multi F MAX outdoor unit shall be 208/230V, 1 phase, 60Hz electrical power capable of operating within ±10% of the rated voltage.

Controls

Factory installed microprocessor controls in the outdoor unit, BD unit(s), and indoor units shall perform functions to efficiently operate the multi zone system. System wiring must be installed in a tree configuration from outdoor unit to BD unit(s) to indoor units through four conductor power/transmission cable. The system is capable of performing continuous operation, even when power is turned off to an individual indoor unit.

Due to our policy of continuous product innovation, some specifications may change without notification.
©LG Electronics U.S.A., Inc., Englewood Cliffs, NJ. All rights reserved. "LG" is a registered trademark of LG Corp.

MULTI F MAX OUTDOOR UNIT

General Data

MULTI F
MULTI F MAX

Table 115: Multi F MAX Outdoor Unit General Data.

Model Number	LMU540HV
Rated Cooling Capacity (Btu/h)[1]	52,500
Rated Heating Capacity (Btu/h)[1]	58,000
Operating Range	
Cooling (°F DB)	14 - 118
Heating (°F WB)	0 - 64
Compressor	
Inverter Quantity	Twin Rotary x 1
Oil/Type	FVC68D
Fan (Side Discharge)	
Type	Propeller
Motor Output (W) x Qty.	124.2 x 2
Motor/Drive	Brushless Digitally Controlled/Direct
Maximum Air Volume (CFM)	2,119 x 2
Unit Data	
Refrigerant Type	R410A
Refrigerant Control/Location	EEV / Outdoor Unit, Branch Distribution Unit
Min. Number Indoor Units/System[2]	2
Max. Number Indoor Units/System[2]	8
Maximum Allowable Total Indoor Unit Connected Capacity (Btu/h)	73,000
Sound Pressure ±3 dB(A)[3] (Cooling / Heating)	54 / 56
Net Unit Weight (lbs.)	213.8
Shipping Weight (lbs.)	236
Power Wiring / Communication Cables[4] (No. x AWG)	4 x 16
Heat Exchanger	
Material and Fin Coating	Copper Tube / Aluminum Fin and GoldFin™/Hydrophilic
Rows/Columns/Fins per inch x Qty.	(2 x 32 x 14) x 2
Piping	
Liquid Line Connection (in., OD) x Qty.	3/8 x 1
Vapor Line Connection (in., OD) x Qty.	3/4 x 1
Factory Charge lbs. of R410A	9.7
Piping Lengths	
Maximum Total System Piping (ft.)[5]	476
Maximum Main Pipe Length (Outdoor Unit to Branch Distribution Unit [ft.])	180
Total Branch Piping (Branch Distribution Units to all Indoor Units [ft.])	295
Maximum Branch Pipe Length (Length between each BDU and IDU [ft.])	49
Maximum Outdoor Unit to Indoor Unit Pipe Length (ft.)	230
Piping Length (No Additional Refrigerant [ft.]; 16 ft. of Main Piping + 131 ft. of Branch Piping)	147
Maximum Elevation between Outdoor Unit and Indoor Unit (ft.)	98
Maximum Elevation between Indoor Unit and Indoor Unit (ft.)	49
Maximum Elevation between Branch Distribution Unit and Indoor Unit (ft.)	33
Maximum Elevation between Branch Distribution Unit and Branch Distribution Unit (ft.)	49

[1]Rated capacity applied with non-ducted indoor units, and is rated 0 ft. above sea level with a 0 ft. level difference between outdoor and indoor units. All capacities are net with a combination ratio between 95 – 105%.

Rated cooling capacity obtained with air entering the indoor unit at 80ºF dry bulb (DB) and 67ºF wet bulb (WB) and outdoor ambient conditions of 95ºF dry bulb (DB) and 75ºF wet bulb (WB).
Rated heating capacity obtained with air entering the indoor unit at 70ºF dry bulb (DB) and 60ºF wet bulb (WB) and outdoor ambient conditions of 47ºF dry bulb (DB) and 43ºF wet bulb (WB).

[2]At least one Branch Distribution Unit is required for system operation; a maximum of two can be installed per outdoor unit with use of Y-branch accessory (PMBL5620). At least two indoor units should be connected. For allocated capacity information, see the combination tables on pages 131 to 136.

[3]Sound pressure levels are tested in an anechoic chamber under ISO Standard 3745. These values can increase due to ambient conditions during operation.

[4]All power wiring / communication cable to be minimum 16 AWG from the outdoor unit to the BD unit, and 18 AWG from the BD unit to the indoor unit, stranded, shielded, and must comply with applicable local and national codes. For detailed electrical information, please refer to electric characteristics on page 165.

[5]Piping lengths are equivalent.

Due to our policy of continuous product innovation, some specifications may change without notification.
©LG Electronics U.S.A., Inc., Englewood Cliffs, NJ. All rights reserved. "LG" is a registered trademark of LG Corp.

MULTI F MAX OUTDOOR UNIT

General Data

Table 116: LMU540HV Efficiency Ratings.[1,2]

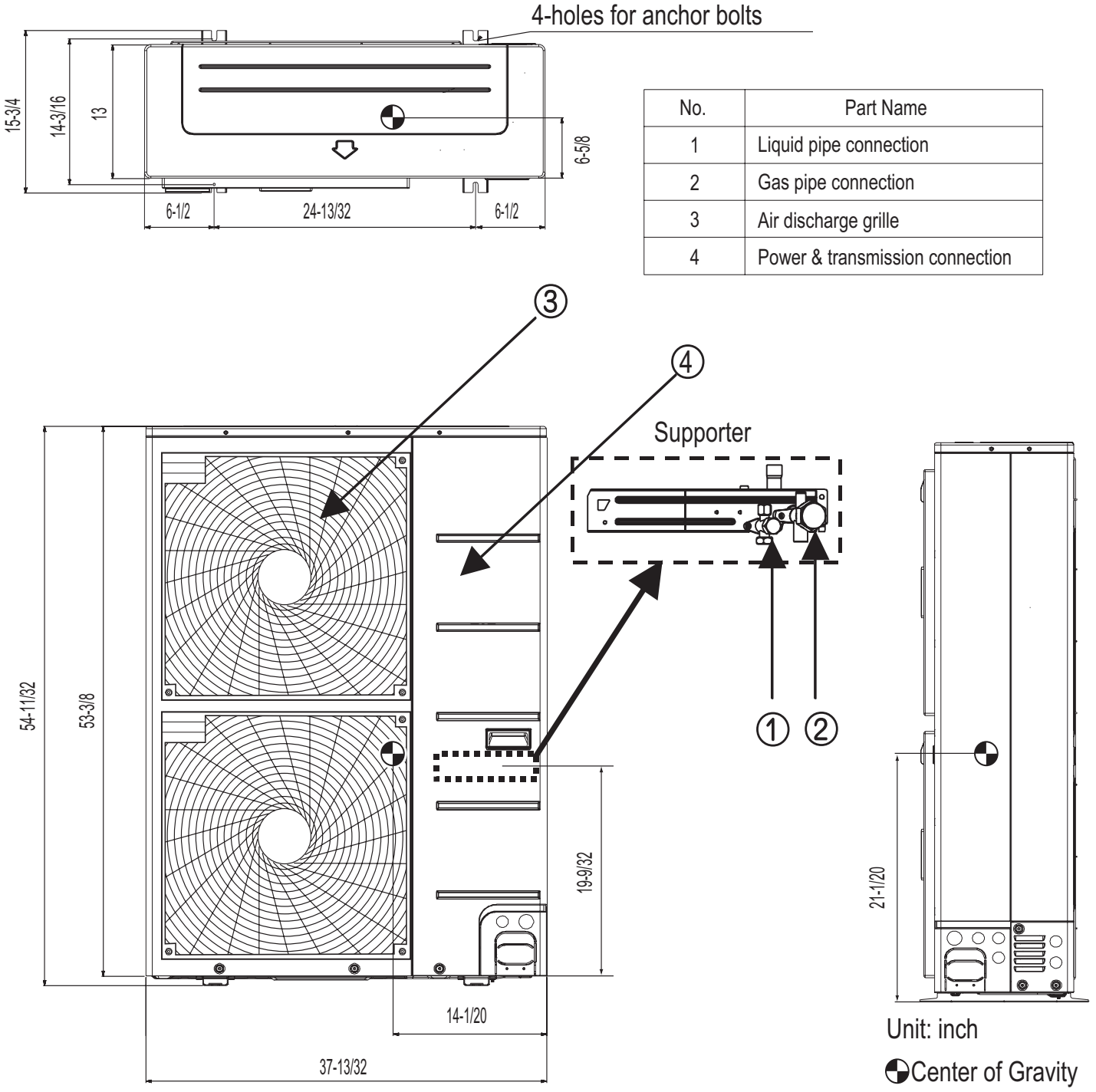
System	Combined With	Rated Cooling Capacity (Btu/h)	EER (95°F)	SEER	Rated Heating Capacity (Btu/h)	COP (47°F)	HSPF	Low Heating Capacity (Btu/h)	COP (17°F)	Energy Star
LMU540HV	Non-ducted Indoor Units	52,500	10.3	18.4	58,000	3.1	8.7	36,600	2.6	Yes
	Ducted Indoor Units	51,000	10.0	15.8	58,000	3.0	8.0	38,500	2.6	No
	Mixed Non-ducted and Ducted Indoor Units	51,750	10.15	17.1	58,000	3.0	8.35	37,550	2.6	No

[1]Rated capacity is rated 0 ft. above sea level with Piping Length as Main pipe (16.4 ft.) + Branch pipe (98.4 ft.) = 115 ft., and a 0 ft. level difference between outdoor and indoor units. All capacities are net with a combination ratio between 95 – 105%.
Rated cooling capacity rating obtained with air entering the indoor unit at 80ºF dry bulb (DB) and 67ºF wet bulb (WB) and outdoor ambient conditions of 95ºF dry bulb (DB) and 75ºF wet bulb (WB).
Rated heating capacity rating obtained with air entering the indoor unit at 70ºF dry bulb (DB) and 60ºF wet bulb (WB) and outdoor ambient conditions of 47ºF dry bulb (DB) and 43ºF wet bulb (WB).

[2]Rated capacity is certified under AHRI Standard 210 / 240. EER, IEER, COP, and HSPF are subject to change. See www.ahrinet.org for the latest values.

Due to our policy of continuous product innovation, some specifications may change without notification.
©LG Electronics U.S.A., Inc., Englewood Cliffs, NJ. All rights reserved. "LG" is a registered trademark of LG Corp.

Figure 20: LMU540HV External Dimensions.



No.	Part Name
1	Liquid pipe connection
2	Gas pipe connection
3	Air discharge grille
4	Power & transmission connection

Due to our policy of continuous product innovation, some specifications may change without notification.
©LG Electronics U.S.A., Inc., Englewood Cliffs, NJ. All rights reserved. "LG" is a registered trademark of LG Corp.

PERFORMANCE DATA

Rated Cooling Combination Tables

The individual indoor unit capacity can be calculated based on the outdoor unit Rated capacity as follows.[1]

$$\text{Individual Indoor Unit Combination Capacity (Qidu [Combi])} = \text{Outdoor Unit Rated Capacity (Qodu [Rated])} \times \frac{\text{Individual Indoor Unit Rated Capacity (Qidu [Rated])}}{\text{Total Connected Indoor Unit Rated Capacity } (\sum \text{Qidu [Rated]})}$$

[1]To calculate the individual IDU capacity based on ODU Corrected capacity, replace (Qodu [Rated]) with (Qodu [Corrected]) where (Qodu [Corrected]) is obtained from the capacity tables referencing design conditions.

Table 117: LMU540HV with Non-Ducted Indoor Units — Rated Cooling Combination Table.

Total Indoor Unit Capacity (kBtu/h)	Cooling Capacity						Input (W)			EER	SEER
	Minimum		Rated		Maximum		Minimum	Rated	Maximum		
	Btu/h	kW	Btu/h	kW	Btu/h	kW					
24	14,000	4.10	23,333	6.84	25,813	7.57	1,000	1,550	2,336	15.10	19.6
25	14,583	4.27	24,306	7.12	26,889	7.88	1,168	1,668	2,433	14.60	19.5
26	15,167	4.45	25,278	7.41	27,964	8.20	1,251	1,786	2,530	14.10	19.5
27	15,750	4.62	26,250	7.69	29,040	8.51	1,333	1,905	2,628	13.80	19.4
28	16,333	4.79	27,222	7.98	30,116	8.83	1,517	2,023	2,725	13.50	19.4
29	16,917	4.96	28,194	8.26	31,191	9.14	1,606	2,141	2,822	13.20	19.4
30	17,500	5.13	29,167	8.55	32,267	9.46	1,695	2,259	2,919	12.90	19.3
31	18,083	5.30	30,139	8.83	33,342	9.77	1,855	2,378	3,017	12.70	19.3
32	18,667	5.47	31,111	9.12	34,418	10.09	1,947	2,496	3,114	12.50	19.3
33	19,250	5.64	32,083	9.40	35,493	10.40	2,039	2,614	3,211	12.30	19.2
34	19,833	5.81	33,056	9.69	36,569	10.72	2,131	2,732	3,309	12.10	19.2
35	20,417	5.98	34,028	9.97	37,644	11.03	2,280	2,851	3,406	11.90	19.1
36	21,000	6.15	35,000	10.26	38,720	11.35	2,375	2,969	3,503	11.80	19.1
37	21,583	6.33	35,972	10.54	39,796	11.66	2,470	3,087	3,601	11.70	19.1
38	22,167	6.50	36,944	10.83	40,871	11.98	2,564	3,205	3,698	11.50	19.0
39	22,750	6.67	37,917	11.11	41,947	12.29	2,659	3,324	3,795	11.40	19.0
40	23,333	6.84	38,889	11.40	43,022	12.61	2,753	3,442	3,893	11.30	18.9
41	23,917	7.01	39,861	11.68	44,098	12.92	2,848	3,560	3,990	11.20	18.9
42	24,500	7.18	40,833	11.97	45,173	13.24	2,943	3,678	4,087	11.10	18.9
43	25,083	7.35	41,806	12.25	46,249	13.55	3,037	3,796	4,185	11.00	18.8
44	25,667	7.52	42,778	12.54	47,324	13.87	3,132	3,915	4,282	10.90	18.8
45	26,250	7.69	43,750	12.82	48,400	14.19	3,226	4,033	4,379	10.80	18.7
46	26,833	7.86	44,722	13.11	49,476	14.50	3,321	4,151	4,476	10.80	18.7
47	27,417	8.04	45,694	13.39	50,551	14.82	3,415	4,269	4,574	10.70	18.7
48	28,000	8.21	46,667	13.68	51,627	15.13	3,510	4,388	4,671	10.60	18.6
49	28,583	8.38	47,639	13.96	52,702	15.45	3,605	4,506	4,768	10.60	18.6
50	29,167	8.55	48,611	14.25	53,778	15.76	3,699	4,624	4,866	10.50	18.6
51	29,750	8.72	49,583	14.53	54,853	16.08	3,794	4,742	4,963	10.50	18.5
52	30,333	8.89	50,556	14.82	55,929	16.39	3,888	4,861	5,060	10.40	18.5
53	30,917	9.06	51,528	15.10	57,004	16.71	3,983	4,979	5,158	10.30	18.4
54	31,500	9.23	52,500	15.39	58,080	17.02	4,078	5,097	5,255	10.30	18.4
55	31,892	9.35	52,666	15.44	58,349	17.10	4,102	5,128	5,287	10.30	18.3
56	32,285	9.46	52,832	15.48	58,619	17.18	4,127	5,159	5,319	10.20	18.2
57	32,677	9.58	52,997	15.53	58,888	17.26	4,152	5,190	5,351	10.20	18.1
58	33,069	9.69	53,163	15.58	59,158	17.34	4,176	5,221	5,382	10.20	18.0
59	33,462	9.81	53,329	15.63	59,427	17.42	4,201	5,252	5,414	10.20	17.9
60	33,854	9.92	53,495	15.68	59,697	17.50	4,226	5,282	5,446	10.10	17.8
61	34,247	10.04	53,661	15.73	59,966	17.58	4,251	5,313	5,478	10.10	17.7
62	34,639	10.15	53,826	15.78	60,236	17.65	4,275	5,344	5,510	10.10	17.6
63	35,031	10.27	53,992	15.82	60,505	17.73	4,300	5,375	5,542	10.00	17.5
64	35,424	10.38	54,158	15.87	60,775	17.81	4,325	5,406	5,573	10.00	17.4
65	35,816	10.50	54,324	15.92	61,044	17.89	4,350	5,437	5,605	10.00	17.3
66	36,208	10.61	54,489	15.97	61,314	17.97	4,374	5,468	5,637	10.00	17.2
67	36,601	10.73	54,655	16.02	61,583	18.05	4,399	5,499	5,669	9.90	17.1
68	36,993	10.84	54,821	16.07	61,853	18.13	4,424	5,530	5,701	9.90	17.0
69	37,386	10.96	54,987	16.12	62,122	18.21	4,448	5,561	5,733	9.90	16.9
70	37,778	11.07	55,153	16.16	62,392	18.29	4,473	5,591	5,764	9.90	16.9
71	38,170	11.19	55,318	16.21	62,661	18.36	4,498	5,622	5,796	9.80	16.8
72	38,563	11.30	55,484	16.26	62,931	18.44	4,523	5,653	5,828	9.80	16.7
73	38,955	11.42	55,650	16.31	63,200	18.52	4,547	5,684	5,860	9.80	16.6

[1]Capacity as rated: 0 ft. above sea level with Piping Length as Main Pipe (16.4 ft.) + Branch pipe (98.4 ft.) = 115 ft.
0 ft. level difference between outdoor and indoor units.

[2]Cooling capacity rating obtained with air entering the indoor unit at 80ºF dry bulb (DB) and 67ºF wet bulb (WB), and outdoor ambient conditions of 95ºF dry bulb (DB) and 75ºF wet bulb (WB).

[3]Wiring cable size must comply with the applicable local and national codes.

[4]The specification may be subject to change without prior notice for purpose of improvement.

[5]Sum of connected indoor units capacity is 24~73 kBtu/h.

[6]At least two indoor units should be connected.

Due to our policy of continuous product innovation, some specifications may change without notification.
©LG Electronics U.S.A., Inc., Englewood Cliffs, NJ. All rights reserved. "LG" is a registered trademark of LG Corp.

PERFORMANCE DATA

Rated Cooling Combination Tables

Table 118: LMU540HV with Ducted Indoor Units — Rated Cooling Combination Table.

Total Indoor Unit Capacity (kBtu/h)	Cooling Capacity						Input (W)			EER	SEER
	Minimum		Rated		Maximum		Minimum	Rated	Maximum		
	Btu/h	kW	Btu/h	kW	Btu/h	kW					
24	13,600	3.99	22,667	6.64	25,076	7.35	1,000	1,550	2,337	14.60	18.3
25	14,167	4.15	23,611	6.92	26,121	7.66	1,168	1,668	2,434	14.20	18.1
26	14,733	4.32	24,556	7.20	27,165	7.96	1,251	1,787	2,532	13.70	18.1
27	15,300	4.48	25,500	7.47	28,210	8.27	1,334	1,905	2,629	13.40	18.0
28	15,867	4.65	26,444	7.75	29,255	8.57	1,518	2,023	2,726	13.10	17.9
29	16,433	4.82	27,389	8.03	30,300	8.88	1,606	2,142	2,824	12.80	17.8
30	17,000	4.98	28,333	8.30	31,345	9.19	1,695	2,260	2,921	12.50	17.7
31	17,567	5.15	29,278	8.58	32,390	9.49	1,855	2,378	3,019	12.30	17.7
32	18,133	5.31	30,222	8.86	33,434	9.80	1,947	2,497	3,116	12.10	17.6
33	18,700	5.48	31,167	9.13	34,479	10.11	2,040	2,615	3,213	11.90	17.5
34	19,267	5.65	32,111	9.41	35,524	10.41	2,132	2,733	3,311	11.70	17.4
35	19,833	5.81	33,056	9.69	36,569	10.72	2,281	2,852	3,408	11.60	17.3
36	20,400	5.98	34,000	9.96	37,614	11.02	2,376	2,970	3,505	11.40	17.3
37	20,967	6.14	34,944	10.24	38,659	11.33	2,471	3,088	3,603	11.30	17.2
38	21,533	6.31	35,889	10.52	39,703	11.64	2,565	3,207	3,700	11.20	17.1
39	22,100	6.48	36,833	10.80	40,748	11.94	2,660	3,325	3,798	11.10	17.0
40	22,667	6.64	37,778	11.07	41,793	12.25	2,755	3,443	3,895	11.00	16.9
41	23,233	6.81	38,722	11.35	42,838	12.56	2,849	3,562	3,992	10.90	16.8
42	23,800	6.98	39,667	11.63	43,883	12.86	2,944	3,680	4,090	10.80	16.8
43	24,367	7.14	40,611	11.90	44,927	13.17	3,039	3,798	4,187	10.70	16.7
44	24,933	7.31	41,556	12.18	45,972	13.47	3,133	3,917	4,284	10.60	16.6
45	25,500	7.47	42,500	12.46	47,017	13.78	3,228	4,035	4,382	10.50	16.5
46	26,067	7.64	43,444	12.73	48,062	14.09	3,323	4,153	4,479	10.50	16.4
47	26,633	7.81	44,389	13.01	49,107	14.39	3,417	4,272	4,576	10.40	16.4
48	27,200	7.97	45,333	13.29	50,152	14.70	3,512	4,390	4,674	10.30	16.3
49	27,767	8.14	46,278	13.56	51,196	15.00	3,607	4,508	4,771	10.30	16.2
50	28,333	8.30	47,222	13.84	52,241	15.31	3,701	4,627	4,869	10.20	16.1
51	28,900	8.47	48,167	14.12	53,286	15.62	3,796	4,745	4,966	10.20	16.0
52	29,467	8.64	49,111	14.39	54,331	15.92	3,891	4,863	5,063	10.10	16.0
53	30,033	8.80	50,056	14.67	55,376	16.23	3,985	4,982	5,161	10.00	15.9
54	30,600	8.97	51,000	14.95	56,421	16.54	4,080	5,100	5,258	10.00	15.8
55	30,981	9.08	51,161	14.99	56,777	16.64	4,105	5,131	5,290	10.00	15.8
56	31,362	9.19	51,322	15.04	57,134	16.75	4,129	5,161	5,321	9.90	15.8
57	31,743	9.30	51,483	15.09	57,491	16.85	4,154	5,192	5,353	9.90	15.8
58	32,125	9.42	51,644	15.14	57,848	16.95	4,178	5,223	5,385	9.90	15.8
59	32,506	9.53	51,805	15.18	58,205	17.06	4,203	5,254	5,416	9.90	15.8
60	32,887	9.64	51,966	15.23	58,561	17.16	4,228	5,284	5,448	9.80	15.8
61	33,268	9.75	52,127	15.28	58,918	17.27	4,252	5,315	5,480	9.80	15.8
62	33,649	9.86	52,288	15.32	59,275	17.37	4,277	5,346	5,512	9.80	15.8
63	34,030	9.97	52,449	15.37	59,632	17.48	4,301	5,377	5,543	9.80	15.8
64	34,412	10.09	52,611	15.42	59,989	17.58	4,326	5,407	5,575	9.70	15.8
65	34,793	10.20	52,772	15.47	60,346	17.69	4,351	5,438	5,607	9.70	15.8
66	35,174	10.31	52,933	15.51	60,702	17.79	4,375	5,469	5,638	9.70	15.8
67	35,555	10.42	53,094	15.56	61,059	17.90	4,400	5,500	5,670	9.70	15.8
68	35,936	10.53	53,255	15.61	61,416	18.00	4,424	5,530	5,702	9.60	15.8
69	36,317	10.64	53,416	15.66	61,773	18.10	4,449	5,561	5,733	9.60	15.8
70	36,699	10.76	53,577	15.70	62,130	18.21	4,474	5,592	5,765	9.60	15.8
71	37,080	10.87	53,738	15.75	62,486	18.31	4,498	5,623	5,797	9.60	15.8
72	37,461	10.98	53,899	15.80	62,843	18.42	4,523	5,653	5,828	9.50	15.8
73	37,842	11.09	54,060	15.84	63,200	18.52	4,547	5,684	5,860	9.50	15.8

[1]Capacity as rated: 0 ft. above sea level with Piping Length as Main Pipe (16.4 ft.) + Branch pipe (98.4 ft.) = 115 ft.
0 ft. level difference between outdoor and indoor units.

[2]Cooling capacity rating obtained with air entering the indoor unit at 80ºF dry bulb (DB) and 67ºF wet bulb (WB), and outdoor ambient conditions of 95ºF dry bulb (DB) and 75ºF wet bulb (WB).

[3]Wiring cable size must comply with the applicable local and national codes.

[4]The specification may be subject to change without prior notice for purpose of improvement.

[5]Sum of connected indoor units capacity is 24~73 kBtu/h.

[6]At least two indoor units should be connected.

Due to our policy of continuous product innovation, some specifications may change without notification.
©LG Electronics U.S.A., Inc., Englewood Cliffs, NJ. All rights reserved. "LG" is a registered trademark of LG Corp.

PERFORMANCE DATA

Rated Cooling Combination Tables

Table 119: LMU540HV with Mixed Indoor Units — Rated Cooling Combination Table.

Total Indoor Unit Capacity (kBtu/h)	Cooling Capacity						Input (W)			EER	SEER
	Minimum		Rated		Maximum		Minimum	Rated	Maximum		
	Btu/h	kW	Btu/h	kW	Btu/h	kW					
24	13,800	4.04	23,000	6.74	25,445	7.46	1,000	1,550	2,336	14.85	19.0
25	14,375	4.21	23,958	7.02	26,505	7.77	1,168	1,668	2,434	14.40	18.8
26	14,950	4.38	24,917	7.30	27,565	8.08	1,251	1,787	2,531	13.90	18.8
27	15,525	4.55	25,875	7.58	28,625	8.39	1,333	1,905	2,628	13.60	18.7
28	16,100	4.72	26,833	7.86	29,685	8.70	1,517	2,023	2,726	13.30	18.7
29	16,675	4.89	27,792	8.15	30,746	9.01	1,606	2,141	2,823	13.00	18.6
30	17,250	5.06	28,750	8.43	31,806	9.32	1,695	2,260	2,920	12.70	18.5
31	17,825	5.22	29,708	8.71	32,866	9.63	1,855	2,378	3,018	12.50	18.5
32	18,400	5.39	30,667	8.99	33,926	9.94	1,947	2,496	3,115	12.30	18.4
33	18,975	5.56	31,625	9.27	34,986	10.25	2,039	2,615	3,212	12.10	18.4
34	19,550	5.73	32,583	9.55	36,046	10.56	2,132	2,733	3,310	11.90	18.3
35	20,125	5.90	33,542	9.83	37,107	10.88	2,281	2,851	3,407	11.75	18.2
36	20,700	6.07	34,500	10.11	38,167	11.19	2,376	2,969	3,504	11.60	18.2
37	21,275	6.24	35,458	10.39	39,227	11.50	2,470	3,088	3,602	11.50	18.1
38	21,850	6.40	36,417	10.67	40,287	11.81	2,565	3,206	3,699	11.35	18.1
39	22,425	6.57	37,375	10.95	41,347	12.12	2,659	3,324	3,796	11.25	18.0
40	23,000	6.74	38,333	11.23	42,408	12.43	2,754	3,443	3,894	11.15	17.9
41	23,575	6.91	39,292	11.52	43,468	12.74	2,849	3,561	3,991	11.05	17.9
42	24,150	7.08	40,250	11.80	44,528	13.05	2,943	3,679	4,088	10.95	17.8
43	24,725	7.25	41,208	12.08	45,588	13.36	3,038	3,797	4,186	10.85	17.8
44	25,300	7.42	42,167	12.36	46,648	13.67	3,133	3,916	4,283	10.75	17.7
45	25,875	7.58	43,125	12.64	47,709	13.98	3,227	4,034	4,380	10.65	17.6
46	26,450	7.75	44,083	12.92	48,769	14.29	3,322	4,152	4,478	10.65	17.6
47	27,025	7.92	45,042	13.20	49,829	14.60	3,416	4,271	4,575	10.55	17.5
48	27,600	8.09	46,000	13.48	50,889	14.91	3,511	4,389	4,672	10.45	17.5
49	28,175	8.26	46,958	13.76	51,949	15.23	3,606	4,507	4,770	10.45	17.4
50	28,750	8.43	47,917	14.04	53,010	15.54	3,700	4,625	4,867	10.35	17.3
51	29,325	8.59	48,875	14.32	54,070	15.85	3,795	4,744	4,965	10.35	17.3
52	29,900	8.76	49,833	14.61	55,130	16.16	3,890	4,862	5,062	10.25	17.2
53	30,475	8.93	50,792	14.89	56,190	16.47	3,984	4,980	5,159	10.15	17.2
54	31,050	9.10	51,750	15.17	57,250	16.78	4,079	5,099	5,257	10.15	17.1
55	31,437	9.21	51,913	15.21	57,563	16.87	4,103	5,129	5,288	10.15	17.1
56	31,824	9.33	52,077	15.26	57,877	16.96	4,128	5,160	5,320	10.05	17.0
57	32,210	9.44	52,240	15.31	58,190	17.05	4,153	5,191	5,352	10.05	17.0
58	32,597	9.55	52,404	15.36	58,503	17.15	4,177	5,222	5,384	10.05	16.9
59	32,984	9.67	52,567	15.41	58,816	17.24	4,202	5,253	5,415	10.05	16.9
60	33,371	9.78	52,731	15.45	59,129	17.33	4,227	5,283	5,447	9.95	16.8
61	33,757	9.89	52,894	15.50	59,442	17.42	4,251	5,314	5,479	9.95	16.8
62	34,144	10.01	53,057	15.55	59,755	17.51	4,276	5,345	5,511	9.95	16.7
63	34,531	10.12	53,221	15.60	60,069	17.61	4,301	5,376	5,542	9.90	16.7
64	34,918	10.23	53,384	15.65	60,382	17.70	4,325	5,407	5,574	9.85	16.6
65	35,304	10.35	53,548	15.69	60,695	17.79	4,350	5,438	5,606	9.85	16.6
66	35,691	10.46	53,711	15.74	61,008	17.88	4,375	5,468	5,638	9.85	16.5
67	36,078	10.57	53,874	15.79	61,321	17.97	4,399	5,499	5,669	9.80	16.5
68	36,465	10.69	54,038	15.84	61,634	18.06	4,424	5,530	5,701	9.75	16.4
69	36,851	10.80	54,201	15.89	61,947	18.16	4,449	5,561	5,733	9.75	16.4
70	37,238	10.91	54,365	15.93	62,261	18.25	4,473	5,592	5,765	9.75	16.3
71	37,625	11.03	54,528	15.98	62,574	18.34	4,498	5,623	5,796	9.70	16.3
72	38,012	11.14	54,692	16.03	62,887	18.43	4,523	5,653	5,828	9.65	16.2
73	38,399	11.25	54,855	16.08	63,200	18.52	4,547	5,684	5,860	9.65	16.2

[1]Capacity as rated: 0 ft. above sea level with Piping Length as Main Pipe (16.4 ft.) + Branch pipe (98.4 ft.) = 115 ft.
0 ft. level difference between outdoor and indoor units.

[2]Cooling capacity rating obtained with air entering the indoor unit at 80ºF dry bulb (DB) and 67ºF wet bulb (WB), and outdoor ambient conditions of 95ºF dry bulb (DB) and 75ºF wet bulb (WB).

[3]Wiring cable size must comply with the applicable local and national codes.

[4]The specification may be subject to change without prior notice for purpose of improvement.

[5]Sum of connected indoor units capacity is 24~73 kBtu/h.

[6]At least two indoor units should be connected.

Due to our policy of continuous product innovation, some specifications may change without notification.
©LG Electronics U.S.A., Inc., Englewood Cliffs, NJ. All rights reserved. "LG" is a registered trademark of LG Corp.

PERFORMANCE DATA

Rated Heating Combination Tables

Table 120: LMU540HV with Non-Ducted Indoor Units — Rated Heating Combination Table.

Total Indoor Unit Capacity (kBtu/h)	Heating Capacity						Input (W)			COP	HSPF
	Minimum		Rated		Maximum		Minimum	Rated	Maximum		
	Btu/h	kW	Btu/h	kW	Btu/h	kW					
24	15,467	4.53	25,778	7.56	27,067	7.93	1,490	2,161	2,474	3.50	10.3
25	16,111	4.72	26,852	7.87	28,194	8.26	1,588	2,268	2,578	3.50	10.2
26	16,756	4.91	27,926	8.18	29,322	8.59	1,664	2,376	2,681	3.40	10.1
27	17,400	5.10	29,000	8.50	30,450	8.92	1,739	2,484	2,784	3.40	10.1
28	18,044	5.29	30,074	8.81	31,578	9.25	1,944	2,592	2,887	3.40	10.0
29	18,689	5.48	31,148	9.13	32,706	9.59	2,025	2,700	2,990	3.40	10.0
30	19,333	5.67	32,222	9.44	33,833	9.92	2,106	2,808	3,093	3.40	9.9
31	19,978	5.86	33,296	9.76	34,961	10.25	2,275	2,916	3,196	3.30	9.9
32	20,622	6.04	34,370	10.07	36,089	10.58	2,359	3,024	3,299	3.30	9.8
33	21,267	6.23	35,444	10.39	37,217	10.91	2,443	3,132	3,402	3.30	9.8
34	21,911	6.42	36,519	10.70	38,344	11.24	2,527	3,240	3,505	3.30	9.7
35	22,556	6.61	37,593	11.02	39,472	11.57	2,679	3,348	3,609	3.30	9.7
36	23,200	6.80	38,667	11.33	40,600	11.90	2,765	3,456	3,712	3.30	9.6
37	23,844	6.99	39,741	11.65	41,728	12.23	2,851	3,564	3,815	3.30	9.6
38	24,489	7.18	40,815	11.96	42,856	12.56	2,938	3,672	3,918	3.30	9.5
39	25,133	7.37	41,889	12.28	43,983	12.89	3,024	3,780	4,021	3.20	9.5
40	25,778	7.56	42,963	12.59	45,111	13.22	3,111	3,888	4,124	3.20	9.4
41	26,422	7.74	44,037	12.91	46,239	13.55	3,197	3,996	4,227	3.20	9.4
42	27,067	7.93	45,111	13.22	47,367	13.88	3,283	4,104	4,330	3.20	9.3
43	27,711	8.12	46,185	13.54	48,494	14.21	3,370	4,212	4,433	3.20	9.3
44	28,356	8.31	47,259	13.85	49,622	14.54	3,456	4,320	4,536	3.20	9.2
45	29,000	8.50	48,333	14.17	50,750	14.87	3,543	4,428	4,640	3.20	9.2
46	29,644	8.69	49,407	14.48	51,878	15.20	3,629	4,536	4,743	3.20	9.1
47	30,289	8.88	50,481	14.80	53,006	15.54	3,715	4,644	4,846	3.20	9.1
48	30,933	9.07	51,556	15.11	54,133	15.87	3,802	4,752	4,949	3.20	9.0
49	31,578	9.25	52,630	15.42	55,261	16.20	3,888	4,860	5,052	3.20	9.0
50	32,222	9.44	53,704	15.74	56,389	16.53	3,974	4,968	5,155	3.20	8.9
51	32,867	9.63	54,778	16.05	57,517	16.86	4,061	5,076	5,258	3.20	8.9
52	33,511	9.82	55,852	16.37	58,644	17.19	4,147	5,184	5,361	3.20	8.8
53	34,156	10.01	56,926	16.68	59,772	17.52	4,234	5,292	5,464	3.20	8.8
54	34,800	10.20	58,000	17.00	60,900	17.85	4,320	5,400	5,567	3.10	8.7
55	35,233	10.33	58,183	17.05	61,063	17.90	4,345	5,432	5,600	3.10	8.7
56	35,667	10.45	58,366	17.11	61,226	17.94	4,371	5,464	5,633	3.10	8.7
57	36,100	10.58	58,549	17.16	61,389	17.99	4,396	5,495	5,666	3.10	8.7
58	36,534	10.71	58,733	17.21	61,553	18.04	4,422	5,527	5,698	3.10	8.7
59	36,967	10.83	58,916	17.27	61,716	18.09	4,447	5,559	5,731	3.10	8.7
60	37,401	10.96	59,099	17.32	61,879	18.14	4,473	5,591	5,764	3.10	8.7
61	37,834	11.09	59,282	17.37	62,042	18.18	4,498	5,623	5,797	3.10	8.7
62	38,268	11.22	59,465	17.43	62,205	18.23	4,524	5,654	5,830	3.10	8.7
63	38,701	11.34	59,648	17.48	62,368	18.28	4,549	5,686	5,862	3.10	8.7
64	39,135	11.47	59,832	17.54	62,532	18.33	4,574	5,718	5,895	3.10	8.7
65	39,568	11.60	60,015	17.59	62,695	18.37	4,600	5,750	5,928	3.10	8.7
66	40,002	11.72	60,198	17.64	62,858	18.42	4,625	5,782	5,961	3.10	8.7
67	40,435	11.85	60,381	17.70	63,021	18.47	4,651	5,813	5,993	3.00	8.7
68	40,869	11.98	60,564	17.75	63,184	18.52	4,676	5,845	6,026	3.00	8.7
69	41,302	12.10	60,747	17.80	63,347	18.57	4,702	5,877	6,059	3.00	8.7
70	41,736	12.23	60,931	17.86	63,511	18.61	4,727	5,909	6,092	3.00	8.7
71	42,169	12.36	61,114	17.91	63,674	18.66	4,753	5,941	6,124	3.00	8.7
72	42,603	12.49	61,297	17.97	63,837	18.71	4,778	5,972	6,157	3.00	8.7
73	43,036	12.61	61,480	18.02	64,000	18.76	4,803	6,004	6,190	3.00	8.7

[1]Capacity as rated: 0 ft. above sea level with Piping Length as Main Pipe (16.4 ft.) + Branch pipe (98.4 ft.) = 115 ft.
0 ft. level difference between outdoor and indoor units.

[2]Heating capacity rating obtained with air entering the indoor unit at 70ºF dry bulb (DB) and 60ºF wet bulb (WB), and outdoor ambient conditions of 47ºF dry bulb (DB) and 43ºF wet bulb (WB).

[3]Wiring cable size must comply with the applicable local and national codes.

[4]The specification may be subject to change without prior notice for purpose of improvement.

[5]Sum of connected indoor units capacity is 24~73 kBtu/h.

[6]At least two indoor units should be connected.

Due to our policy of continuous product innovation, some specifications may change without notification.
©LG Electronics U.S.A., Inc., Englewood Cliffs, NJ. All rights reserved. "LG" is a registered trademark of LG Corp.

PERFORMANCE DATA

Rated Heating Combination Tables

Table 121: LMU540HV with Ducted Indoor Units — Rated Heating Combination Table.

Total Indoor Unit Capacity (kBtu/h)	Heating Capacity						Input (W)			COP	HSPF
	Minimum		Rated		Maximum		Minimum	Rated	Maximum		
	Btu/h	kW	Btu/h	kW	Btu/h	kW					
24	15,467	4.53	25,778	7.56	27,067	7.93	1,490	2,310	2,557	3.30	9.8
25	16,111	4.72	26,852	7.87	28,194	8.26	1,645	2,419	2,663	3.30	9.7
26	16,756	4.91	27,926	8.18	29,322	8.59	1,719	2,528	2,770	3.20	9.6
27	17,400	5.10	29,000	8.50	30,450	8.92	1,793	2,637	2,876	3.20	9.6
28	18,044	5.29	30,074	8.81	31,578	9.25	1,977	2,746	2,983	3.20	9.5
29	18,689	5.48	31,148	9.13	32,706	9.59	2,055	2,855	3,090	3.20	9.5
30	19,333	5.67	32,222	9.44	33,833	9.92	2,134	2,964	3,196	3.20	9.4
31	19,978	5.86	33,296	9.76	34,961	10.25	2,304	3,073	3,303	3.20	9.3
32	20,622	6.04	34,370	10.07	36,089	10.58	2,386	3,182	3,409	3.20	9.3
33	21,267	6.23	35,444	10.39	37,217	10.91	2,468	3,291	3,516	3.20	9.2
34	21,911	6.42	36,519	10.70	38,344	11.24	2,550	3,400	3,622	3.10	9.2
35	22,556	6.61	37,593	11.02	39,472	11.57	2,737	3,509	3,729	3.10	9.1
36	23,200	6.80	38,667	11.33	40,600	11.90	2,822	3,618	3,835	3.10	9.0
37	23,844	6.99	39,741	11.65	41,728	12.23	2,907	3,727	3,942	3.10	9.0
38	24,489	7.18	40,815	11.96	42,856	12.56	2,992	3,836	4,048	3.10	8.9
39	25,133	7.37	41,889	12.28	43,983	12.89	3,156	3,945	4,155	3.10	8.9
40	25,778	7.56	42,963	12.59	45,111	13.22	3,243	4,054	4,261	3.10	8.8
41	26,422	7.74	44,037	12.91	46,239	13.55	3,330	4,163	4,368	3.10	8.8
42	27,067	7.93	45,111	13.22	47,367	13.88	3,417	4,272	4,475	3.10	8.7
43	27,711	8.12	46,185	13.54	48,494	14.21	3,505	4,381	4,581	3.10	8.6
44	28,356	8.31	47,259	13.85	49,622	14.54	3,592	4,490	4,688	3.10	8.6
45	29,000	8.50	48,333	14.17	50,750	14.87	3,679	4,599	4,794	3.10	8.5
46	29,644	8.69	49,407	14.48	51,878	15.20	3,766	4,708	4,901	3.10	8.5
47	30,289	8.88	50,481	14.80	53,006	15.54	3,854	4,817	5,007	3.10	8.4
48	30,933	9.07	51,556	15.11	54,133	15.87	3,941	4,926	5,114	3.10	8.3
49	31,578	9.25	52,630	15.42	55,261	16.20	4,028	5,035	5,220	3.10	8.3
50	32,222	9.44	53,704	15.74	56,389	16.53	4,115	5,144	5,327	3.10	8.2
51	32,867	9.63	54,778	16.05	57,517	16.86	4,202	5,253	5,433	3.10	8.2
52	33,511	9.82	55,852	16.37	58,644	17.19	4,290	5,362	5,540	3.10	8.1
53	34,156	10.01	56,926	16.68	59,772	17.52	4,377	5,471	5,646	3.00	8.1
54	34,800	10.20	58,000	17.00	60,900	17.85	4,464	5,580	5,753	3.00	8.0
55	35,233	10.33	58,183	17.05	61,021	17.88	4,482	5,602	5,776	3.00	8.0
56	35,667	10.45	58,366	17.11	61,142	17.92	4,500	5,625	5,799	3.00	8.0
57	36,100	10.58	58,549	17.16	61,263	17.96	4,518	5,647	5,822	3.00	8.0
58	36,534	10.71	58,733	17.21	61,384	17.99	4,535	5,669	5,845	3.00	8.0
59	36,967	10.83	58,916	17.27	61,505	18.03	4,553	5,692	5,868	3.00	8.0
60	37,401	10.96	59,099	17.32	61,626	18.06	4,571	5,714	5,891	3.00	8.0
61	37,834	11.09	59,282	17.37	61,747	18.10	4,589	5,736	5,914	3.00	8.0
62	38,268	11.22	59,465	17.43	61,868	18.13	4,607	5,759	5,937	3.00	8.0
63	38,701	11.34	59,648	17.48	61,989	18.17	4,625	5,781	5,960	3.00	8.0
64	39,135	11.47	59,832	17.54	62,111	18.20	4,643	5,803	5,983	3.00	8.0
65	39,568	11.60	60,015	17.59	62,232	18.24	4,661	5,826	6,006	3.00	8.0
66	40,002	11.72	60,198	17.64	62,353	18.27	4,678	5,848	6,029	3.00	8.0
67	40,435	11.85	60,381	17.70	62,474	18.31	4,696	5,870	6,052	3.00	8.0
68	40,869	11.98	60,564	17.75	62,595	18.35	4,714	5,893	6,075	3.00	8.0
69	41,302	12.10	60,747	17.80	62,716	18.38	4,732	5,915	6,098	3.00	8.0
70	41,736	12.23	60,931	17.86	62,837	18.42	4,750	5,937	6,121	3.00	8.0
71	42,169	12.36	61,114	17.91	62,958	18.45	4,768	5,960	6,144	3.00	8.0
72	42,603	12.49	61,297	17.97	63,079	18.49	4,786	5,982	6,167	3.00	8.0
73	43,036	12.61	61,480	18.02	63,200	18.52	4,803	6,004	6,190	3.00	8.0

[1]Capacity as rated: 0 ft. above sea level with Piping Length as Main Pipe (16.4 ft.) + Branch pipe (98.4 ft.) = 115 ft.
0 ft. level difference between outdoor and indoor units.

[2]Heating capacity rating obtained with air entering the indoor unit at 70ºF dry bulb (DB) and 60ºF wet bulb (WB), and outdoor ambient conditions of 47ºF dry bulb (DB) and 43ºF wet bulb (WB).

[3]Wiring cable size must comply with the applicable local and national codes.

[4]The specification may be subject to change without prior notice for purpose of improvement.

[5]Sum of connected indoor units capacity is 24~73 kBtu/h.

[6]At least two indoor units should be connected.

Due to our policy of continuous product innovation, some specifications may change without notification.
©LG Electronics U.S.A., Inc., Englewood Cliffs, NJ. All rights reserved. "LG" is a registered trademark of LG Corp.

PERFORMANCE DATA

Rated Heating Combination Tables

Table 122: LMU540HV with Mixed Indoor Units — Rated Heating Combination Table.

Total Indoor Unit Capacity (kBtu/h)	Heating Capacity						Input (W)			COP	HSPF
	Minimum		Rated		Maximum		Minimum	Rated	Maximum		
	Btu/h	kW	Btu/h	kW	Btu/h	kW					
24	15,467	4.53	25,778	7.56	27,067	7.93	1,490	2,235	2,516	3.40	10.1
25	16,111	4.72	26,852	7.87	28,194	8.26	1,616	2,344	2,620	3.40	9.9
26	16,756	4.91	27,926	8.18	29,322	8.59	1,691	2,452	2,725	3.30	9.9
27	17,400	5.10	29,000	8.50	30,450	8.92	1,766	2,561	2,830	3.30	9.8
28	18,044	5.29	30,074	8.81	31,578	9.25	1,961	2,669	2,935	3.30	9.8
29	18,689	5.48	31,148	9.13	32,706	9.59	2,040	2,778	3,040	3.30	9.7
30	19,333	5.67	32,222	9.44	33,833	9.92	2,120	2,886	3,145	3.30	9.7
31	19,978	5.86	33,296	9.76	34,961	10.25	2,290	2,995	3,249	3.25	9.6
32	20,622	6.04	34,370	10.07	36,089	10.58	2,373	3,103	3,354	3.25	9.6
33	21,267	6.23	35,444	10.39	37,217	10.91	2,456	3,212	3,459	3.25	9.5
34	21,911	6.42	36,519	10.70	38,344	11.24	2,539	3,320	3,564	3.20	9.4
35	22,556	6.61	37,593	11.02	39,472	11.57	2,708	3,429	3,669	3.20	9.4
36	23,200	6.80	38,667	11.33	40,600	11.90	2,793	3,537	3,773	3.20	9.3
37	23,844	6.99	39,741	11.65	41,728	12.23	2,879	3,646	3,878	3.20	9.3
38	24,489	7.18	40,815	11.96	42,856	12.56	2,965	3,754	3,983	3.20	9.2
39	25,133	7.37	41,889	12.28	43,983	12.89	3,090	3,863	4,088	3.15	9.2
40	25,778	7.56	42,963	12.59	45,111	13.22	3,177	3,971	4,193	3.15	9.1
41	26,422	7.74	44,037	12.91	46,239	13.55	3,264	4,080	4,298	3.15	9.1
42	27,067	7.93	45,111	13.22	47,367	13.88	3,350	4,188	4,402	3.15	9.0
43	27,711	8.12	46,185	13.54	48,494	14.21	3,437	4,297	4,507	3.15	9.0
44	28,356	8.31	47,259	13.85	49,622	14.54	3,524	4,405	4,612	3.15	8.9
45	29,000	8.50	48,333	14.17	50,750	14.87	3,611	4,514	4,717	3.15	8.8
46	29,644	8.69	49,407	14.48	51,878	15.20	3,698	4,622	4,822	3.15	8.8
47	30,289	8.88	50,481	14.80	53,006	15.54	3,784	4,731	4,926	3.15	8.7
48	30,933	9.07	51,556	15.11	54,133	15.87	3,871	4,839	5,031	3.15	8.7
49	31,578	9.25	52,630	15.42	55,261	16.20	3,958	4,948	5,136	3.15	8.6
50	32,222	9.44	53,704	15.74	56,389	16.53	4,045	5,056	5,241	3.15	8.6
51	32,867	9.63	54,778	16.05	57,517	16.86	4,132	5,165	5,346	3.15	8.5
52	33,511	9.82	55,852	16.37	58,644	17.19	4,218	5,273	5,451	3.15	8.5
53	34,156	10.01	56,926	16.68	59,772	17.52	4,305	5,382	5,555	3.10	8.4
54	34,800	10.20	58,000	17.00	60,900	17.85	4,392	5,490	5,660	3.05	8.35
55	35,233	10.33	58,183	17.05	61,042	17.89	4,414	5,517	5,688	3.05	8.35
56	35,667	10.45	58,366	17.11	61,184	17.93	4,435	5,544	5,716	3.05	8.35
57	36,100	10.58	58,549	17.16	61,326	17.97	4,457	5,571	5,744	3.05	8.35
58	36,534	10.71	58,733	17.21	61,468	18.02	4,479	5,598	5,772	3.05	8.35
59	36,967	10.83	58,916	17.27	61,611	18.06	4,500	5,625	5,800	3.05	8.35
60	37,401	10.96	59,099	17.32	61,753	18.10	4,522	5,652	5,827	3.05	8.35
61	37,834	11.09	59,282	17.37	61,895	18.14	4,544	5,679	5,855	3.05	8.35
62	38,268	11.22	59,465	17.43	62,037	18.18	4,565	5,707	5,883	3.05	8.35
63	38,701	11.34	59,648	17.48	62,179	18.22	4,587	5,734	5,911	3.05	8.35
64	39,135	11.47	59,832	17.54	62,321	18.27	4,609	5,761	5,939	3.05	8.35
65	39,568	11.60	60,015	17.59	62,463	18.31	4,630	5,788	5,967	3.05	8.35
66	40,002	11.72	60,198	17.64	62,605	18.35	4,652	5,815	5,995	3.05	8.35
67	40,435	11.85	60,381	17.70	62,747	18.39	4,674	5,842	6,023	3.00	8.35
68	40,869	11.98	60,564	17.75	62,889	18.43	4,695	5,869	6,051	3.00	8.35
69	41,302	12.10	60,747	17.80	63,032	18.47	4,717	5,896	6,078	3.00	8.35
70	41,736	12.23	60,931	17.86	63,174	18.52	4,738	5,923	6,106	3.00	8.35
71	42,169	12.36	61,114	17.91	63,316	18.56	4,760	5,950	6,134	3.00	8.35
72	42,603	12.49	61,297	17.97	63,458	18.60	4,782	5,977	6,162	3.00	8.35
73	43,036	12.61	61,480	18.02	63,600	18.64	4,803	6,004	6,190	3.00	8.35

[1]Capacity as rated: 0 ft. above sea level with Piping Length as Main Pipe (16.4 ft.) + Branch pipe (98.4 ft.) = 115 ft.
0 ft. level difference between outdoor and indoor units.

[2]Heating capacity rating obtained with air entering the indoor unit at 70°F dry bulb (DB) and 60°F wet bulb (WB), and outdoor ambient conditions of 47°F dry bulb (DB) and 43°F wet bulb (WB).

[3]Wiring cable size must comply with the applicable local and national codes.

[4]The specification may be subject to change without prior notice for purpose of improvement.

[5]Sum of connected indoor units capacity is 24~73 kBtu/h.

[6]At least two indoor units should be connected.

Due to our policy of continuous product innovation, some specifications may change without notification.
©LG Electronics U.S.A., Inc., Englewood Cliffs, NJ. All rights reserved. "LG" is a registered trademark of LG Corp.

PERFORMANCE DATA

Cooling Capacity Tables

Table 123: LMU540HV Cooling Capacity Table — Non-Ducted Indoor Units.

Combination Capacity Index (kBtu/h[%])	Outdoor Air Temp. (°F DB)	Indoor Air Temp. °F DB / °F WB											
		68 / 57		73 / 61		77 / 64		80 / 67		86 / 72		90 / 75	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
Non-Ducted Indoor Units 73 (135%)	14	54.55	3.55	57.94	3.68	61.33	3.82	63.78	3.86	68.11	3.94	71.49	4.01
	20	54.51	3.61	57.90	3.74	61.28	3.87	63.73	3.92	68.05	3.99	71.44	4.07
	25	54.47	3.66	57.85	3.79	61.24	3.93	63.68	3.97	68.00	4.05	71.38	4.13
	30	54.43	3.71	57.81	3.84	61.19	3.98	63.63	4.03	67.95	4.10	71.33	4.19
	35	54.39	3.76	57.76	3.90	61.14	4.04	63.58	4.08	67.90	4.16	71.28	4.25
	40	54.35	3.81	57.72	3.95	61.10	4.09	63.53	4.14	67.85	4.22	71.22	4.30
	45	54.30	3.86	57.68	4.00	61.05	4.15	63.48	4.20	67.79	4.27	71.17	4.36
	50	54.26	3.91	57.63	4.05	61.00	4.20	63.44	4.25	67.74	4.33	71.11	4.42
	55	54.22	3.96	57.59	4.11	60.96	4.26	63.39	4.31	67.69	4.39	71.06	4.48
	60	54.18	4.01	57.54	4.16	60.91	4.31	63.34	4.36	67.64	4.44	71.00	4.53
	65	54.14	4.07	57.50	4.21	60.86	4.37	63.29	4.42	67.59	4.50	70.95	4.59
	70	54.10	4.12	57.46	4.27	60.82	4.42	63.24	4.47	67.53	4.56	70.89	4.65
	75	52.79	4.34	56.15	4.50	59.50	4.66	61.92	4.71	66.20	4.80	69.55	4.90
	80	51.49	4.56	54.84	4.73	58.18	4.90	60.59	4.96	64.86	5.05	68.21	5.15
	85	50.20	4.78	53.54	4.96	56.87	5.14	59.28	5.20	63.54	5.29	66.88	5.40
	90	48.91	5.00	52.24	5.19	55.56	5.38	57.97	5.44	62.22	5.54	65.54	5.65
	95	47.51	5.23	50.82	5.42	54.13	5.62	**55.65**	**5.68**	60.75	5.79	64.06	5.90
	100	46.35	5.45	49.66	5.65	52.97	5.85	54.93	5.92	59.59	6.03	62.90	6.15
	105	45.20	5.67	48.51	5.88	51.82	6.09	54.21	6.16	58.44	6.28	61.75	6.40
	110	44.04	5.89	47.35	6.11	50.66	6.33	53.05	6.40	57.28	6.52	60.59	6.66
	115	42.88	6.11	46.19	6.34	49.50	6.57	51.89	6.65	56.12	6.77	59.43	6.91
	118	42.19	6.25	45.50	6.48	48.81	6.71	51.20	6.79	55.43	6.92	58.74	7.06
	122	41.96	6.43	45.27	6.66	48.58	6.90	50.97	6.98	55.20	7.11	58.51	7.26
Non-Ducted Indoor Units 70 (130%)	14	54.06	3.50	57.42	3.63	60.78	3.76	63.20	3.80	67.49	3.87	70.85	3.95
	20	54.02	3.55	57.38	3.68	60.73	3.81	63.16	3.86	67.44	3.93	70.80	4.01
	25	53.98	3.60	57.33	3.73	60.69	3.87	63.11	3.91	67.39	3.98	70.74	4.06
	30	53.94	3.65	57.29	3.78	60.64	3.92	63.06	3.97	67.34	4.04	70.69	4.12
	35	53.90	3.70	57.25	3.83	60.59	3.97	63.01	4.02	67.29	4.10	70.64	4.18
	40	53.86	3.75	57.20	3.89	60.55	4.03	62.96	4.07	67.24	4.15	70.58	4.23
	45	53.82	3.80	57.16	3.94	60.50	4.08	62.91	4.13	67.18	4.21	70.53	4.29
	50	53.77	3.85	57.11	3.99	60.45	4.14	62.87	4.18	67.13	4.26	70.47	4.35
	55	53.73	3.90	57.07	4.04	60.41	4.19	62.82	4.24	67.08	4.32	70.42	4.40
	60	53.69	3.95	57.03	4.09	60.36	4.24	62.77	4.29	67.03	4.37	70.36	4.46
	65	53.65	4.00	56.98	4.15	60.31	4.30	62.72	4.35	66.98	4.43	70.31	4.52
	70	53.61	4.05	56.94	4.20	60.27	4.35	62.67	4.40	66.93	4.48	70.26	4.58
	75	52.32	4.27	55.64	4.43	58.96	4.59	61.36	4.64	65.60	4.73	68.93	4.82
	80	51.03	4.49	54.34	4.65	57.66	4.82	60.05	4.88	64.28	4.97	67.59	5.07
	85	49.75	4.71	53.06	4.88	56.36	5.06	58.75	5.11	62.97	5.21	66.28	5.32
	90	48.47	4.93	51.77	5.11	55.07	5.29	57.45	5.35	61.66	5.45	64.96	5.56
	95	47.08	5.14	50.36	5.33	53.65	5.53	**55.15**	**5.59**	60.21	5.69	63.49	5.81
	100	45.94	5.36	49.22	5.56	52.50	5.76	54.44	5.83	59.06	5.94	62.34	6.06
	105	44.79	5.58	48.07	5.78	51.35	6.00	53.72	6.07	57.91	6.18	61.19	6.30
	110	43.64	5.80	46.93	6.01	50.21	6.23	52.57	6.30	56.77	6.42	60.05	6.55
	115	42.50	6.02	45.78	6.24	49.06	6.47	51.43	6.54	55.62	6.66	58.90	6.80
	118	41.81	6.15	45.09	6.37	48.37	6.61	50.74	6.68	54.93	6.81	58.21	6.94
	122	41.58	6.32	44.86	6.55	48.14	6.79	50.51	6.87	54.70	7.00	57.98	7.14

TC = Total Capacity (kBtu/h).

PI = Power Input (kW).

Nominal capacity as rated: 0 ft. above sea level with Piping Length as Main Pipe (16.4 ft.) + Branch pipe (98.4 ft.) = 115 ft.
0 ft. level difference between outdoor and indoor units.

Nominal cooling capacity rating obtained with air entering the indoor unit at 80ºF dry bulb (DB) and 67ºF wet bulb (WB), and outdoor ambient conditions of 95ºF dry bulb (DB) and 75ºF wet bulb (WB).

The shaded table columns and rows indicate reference data. When operating at this temperature, these values can be different if the system is not running consistently.

Due to our policy of continuous product innovation, some specifications may change without notification.
©LG Electronics U.S.A., Inc., Englewood Cliffs, NJ. All rights reserved. "LG" is a registered trademark of LG Corp.

Table 124: LMU540HV Cooling Capacity Table — Non-Ducted Indoor Units (continued).

Combination Capacity Index (kBtu/h[%])	Outdoor Air Temp. (°F DB)	Indoor Air Temp. °F DB / °F WB											
		68 / 57		73 / 61		77 / 64		80 / 67		86 / 72		90 / 75	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
Non-Ducted Indoor Units 65 (120%)	14	53.25	3.40	56.56	3.53	59.86	3.66	62.25	3.70	66.48	3.77	69.79	3.84
	20	53.21	3.45	56.51	3.58	59.82	3.71	62.20	3.75	66.43	3.82	69.73	3.90
	25	53.17	3.50	56.47	3.63	59.77	3.76	62.16	3.81	66.38	3.88	69.68	3.96
	30	53.13	3.55	56.43	3.68	59.73	3.82	62.11	3.86	66.33	3.93	69.63	4.01
	35	53.09	3.60	56.38	3.73	59.68	3.87	62.06	3.91	66.28	3.99	69.57	4.07
	40	53.05	3.65	56.34	3.78	59.64	3.92	62.01	3.97	66.22	4.04	69.52	4.12
	45	53.01	3.70	56.30	3.83	59.59	3.97	61.97	4.02	66.17	4.09	69.47	4.18
	50	52.97	3.75	56.25	3.88	59.54	4.03	61.92	4.07	66.12	4.15	69.41	4.23
	55	52.92	3.80	56.21	3.93	59.50	4.08	61.87	4.12	66.07	4.20	69.36	4.29
	60	52.88	3.84	56.17	3.98	59.45	4.13	61.82	4.18	66.02	4.26	69.31	4.34
	65	52.84	3.89	56.13	4.04	59.41	4.18	61.78	4.23	65.97	4.31	69.25	4.40
	70	52.80	3.94	56.08	4.09	59.36	4.24	61.73	4.28	65.92	4.36	69.20	4.45
	75	51.53	4.16	54.80	4.31	58.07	4.46	60.44	4.52	64.62	4.60	67.89	4.69
	80	50.26	4.37	53.52	4.53	56.79	4.69	59.14	4.75	63.31	4.84	66.58	4.93
	85	49.00	4.58	52.26	4.75	55.51	4.92	57.86	4.98	62.02	5.07	65.28	5.17
	90	47.74	4.79	50.99	4.97	54.24	5.15	56.58	5.21	60.73	5.31	63.98	5.41
	95	46.38	5.01	49.61	5.19	52.84	5.38	**54.32**	**5.44**	59.30	5.54	62.53	5.65
	100	45.25	5.22	48.48	5.41	51.71	5.61	53.62	5.67	58.17	5.78	61.40	5.89
	105	44.12	5.43	47.35	5.63	50.58	5.84	52.91	5.90	57.04	6.01	60.27	6.13
	110	42.99	5.64	46.22	5.85	49.45	6.06	51.78	6.13	55.91	6.25	59.14	6.37
	115	41.86	5.86	45.09	6.07	48.32	6.29	50.65	6.36	54.78	6.48	58.01	6.61
	118	41.18	5.98	44.41	6.20	47.64	6.43	49.98	6.50	54.10	6.63	57.34	6.76
	122	40.96	6.15	44.19	6.38	47.42	6.61	49.75	6.69	53.88	6.81	57.11	6.95
Non-Ducted Indoor Units 59 (110%)	14	52.28	3.29	55.53	3.41	58.77	3.53	61.12	3.57	65.27	3.64	68.51	3.71
	20	52.24	3.33	55.48	3.45	58.73	3.58	61.07	3.62	65.22	3.69	68.46	3.76
	25	52.20	3.38	55.44	3.50	58.68	3.63	61.02	3.67	65.17	3.74	68.41	3.82
	30	52.16	3.43	55.40	3.55	58.64	3.68	60.98	3.72	65.12	3.79	68.36	3.87
	35	52.12	3.47	55.36	3.60	58.59	3.73	60.93	3.78	65.07	3.85	68.30	3.92
	40	52.08	3.52	55.31	3.65	58.55	3.78	60.88	3.83	65.02	3.90	68.25	3.98
	45	52.04	3.57	55.27	3.70	58.50	3.83	60.84	3.88	64.97	3.95	68.20	4.03
	50	52.00	3.62	55.23	3.75	58.46	3.88	60.79	3.93	64.92	4.00	68.15	4.08
	55	51.96	3.66	55.19	3.80	58.41	3.94	60.74	3.98	64.87	4.06	68.10	4.14
	60	51.92	3.71	55.14	3.85	58.37	3.99	60.70	4.03	64.82	4.11	68.04	4.19
	65	51.88	3.76	55.10	3.89	58.32	4.04	60.65	4.08	64.77	4.16	67.99	4.24
	70	51.84	3.80	55.06	3.94	58.28	4.09	60.60	4.13	64.72	4.21	67.94	4.30
	75	50.59	4.01	53.80	4.16	57.02	4.31	59.34	4.36	63.44	4.44	66.65	4.53
	80	49.35	4.22	52.55	4.37	55.75	4.53	58.07	4.58	62.16	4.67	65.36	4.76
	85	48.11	4.42	51.30	4.58	54.50	4.75	56.81	4.80	60.89	4.89	64.09	4.99
	90	46.87	4.63	50.06	4.79	53.25	4.97	55.55	5.03	59.62	5.12	62.81	5.22
	95	45.53	4.83	48.70	5.01	51.87	5.19	**53.33**	**5.25**	58.22	5.35	61.39	5.46
	100	44.42	5.04	47.59	5.22	50.77	5.41	52.64	5.47	57.11	5.58	60.28	5.69
	105	43.31	5.24	46.49	5.43	49.66	5.63	51.95	5.70	56.00	5.80	59.17	5.92
	110	42.20	5.45	45.38	5.65	48.55	5.85	50.84	5.92	54.89	6.03	58.06	6.15
	115	41.10	5.65	44.27	5.86	47.44	6.07	49.73	6.14	53.78	6.26	56.96	6.38
	118	40.43	5.78	43.60	5.99	46.77	6.20	49.07	6.28	53.12	6.39	56.29	6.52
	122	40.21	5.94	43.38	6.16	46.55	6.38	48.84	6.45	52.90	6.58	56.07	6.71

TC = Total Capacity (kBtu/h).

PI = Power Input (kW).

Nominal capacity as rated: 0 ft. above sea level with Piping Length as Main Pipe (16.4 ft.) + Branch pipe (98.4 ft.) = 115 ft.
0 ft. level difference between outdoor and indoor units.

Nominal cooling capacity rating obtained with air entering the indoor unit at 80ºF dry bulb (DB) and 67ºF wet bulb (WB), and outdoor ambient conditions of 95ºF dry bulb (DB) and 75ºF wet bulb (WB).

The shaded table columns and rows indicate reference data. When operating at this temperature, these values can be different if the system is not running consistently.

Due to our policy of continuous product innovation, some specifications may change without notification.
©LG Electronics U.S.A., Inc., Englewood Cliffs, NJ. All rights reserved. "LG" is a registered trademark of LG Corp.

PERFORMANCE DATA

Cooling Capacity Tables

Table 125: LMU540HV Cooling Capacity Table — Non-Ducted Indoor Units.

Combination Capacity Index (kBtu/h[%])	Outdoor Air Temp. (°F DB)	Indoor Air Temp. °F DB / °F WB											
		68 / 57		73 / 61		77 / 64		80 / 67		86 / 72		90 / 75	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
Non-Ducted Indoor Units 54 (100%)	14	51.47	3.19	54.66	3.31	57.86	3.43	60.17	3.47	64.25	3.53	67.45	3.60
	20	51.43	3.24	54.62	3.36	57.81	3.48	60.12	3.52	64.20	3.58	67.40	3.66
	25	51.39	3.28	54.58	3.40	57.77	3.53	60.07	3.57	64.15	3.63	67.34	3.71
	30	51.35	3.33	54.54	3.45	57.73	3.58	60.03	3.62	64.10	3.69	67.29	3.76
	35	51.31	3.38	54.50	3.50	57.68	3.63	59.98	3.67	64.05	3.74	67.24	3.81
	40	51.27	3.42	54.45	3.55	57.64	3.68	59.94	3.72	64.01	3.79	67.19	3.86
	45	51.23	3.47	54.41	3.59	57.59	3.72	59.89	3.77	63.96	3.84	67.14	3.92
	50	51.19	3.51	54.37	3.64	57.55	3.77	59.85	3.82	63.91	3.89	67.09	3.97
	55	51.15	3.56	54.33	3.69	57.51	3.82	59.80	3.87	63.86	3.94	67.04	4.02
	60	51.11	3.60	54.29	3.74	57.46	3.87	59.75	3.92	63.81	3.99	66.98	4.07
	65	51.07	3.65	54.24	3.78	57.42	3.92	59.71	3.97	63.76	4.04	66.93	4.12
	70	51.03	3.70	54.20	3.83	57.37	3.97	59.66	4.02	63.71	4.09	66.88	4.17
	75	49.81	3.90	52.97	4.04	56.13	4.19	58.41	4.23	62.45	4.31	65.61	4.40
	80	48.58	4.09	51.73	4.24	54.89	4.40	57.16	4.45	61.19	4.53	64.35	4.62
	85	47.36	4.29	50.51	4.45	53.65	4.61	55.92	4.67	59.94	4.75	63.09	4.85
	90	46.14	4.49	49.28	4.66	52.42	4.83	54.69	4.88	58.70	4.97	61.83	5.07
	95	44.82	4.69	47.94	4.86	51.07	5.04	**52.50**	**5.10**	57.31	5.20	60.44	5.30
	100	43.73	4.89	46.85	5.07	49.98	5.26	51.82	5.32	56.22	5.42	59.34	5.53
	105	42.64	5.09	45.76	5.28	48.88	5.47	51.14	5.53	55.13	5.64	58.25	5.75
	110	41.55	5.29	44.67	5.48	47.79	5.68	50.05	5.75	54.04	5.86	57.16	5.98
	115	40.46	5.49	43.58	5.69	46.70	5.90	48.96	5.97	52.95	6.08	56.07	6.20
	118	39.80	5.61	42.92	5.82	46.05	6.03	48.30	6.10	52.29	6.21	55.41	6.34
	122	39.58	5.77	42.71	5.98	45.83	6.20	48.08	6.27	52.07	6.39	55.20	6.52
Non-Ducted Indoor Units 49 (90%)	14	46.70	2.82	49.60	2.93	52.50	3.03	54.60	3.07	58.30	3.12	61.20	3.19
	20	46.67	2.86	49.56	2.97	52.46	3.08	54.56	3.11	58.26	3.17	61.16	3.23
	25	46.63	2.90	49.53	3.01	52.42	3.12	54.51	3.16	58.21	3.21	61.11	3.28
	30	46.59	2.94	49.49	3.05	52.38	3.16	54.47	3.20	58.17	3.26	61.06	3.32
	35	46.56	2.98	49.45	3.09	52.34	3.21	54.43	3.24	58.12	3.30	61.02	3.37
	40	46.52	3.03	49.41	3.14	52.30	3.25	54.39	3.29	58.08	3.35	60.97	3.42
	45	46.49	3.07	49.37	3.18	52.26	3.29	54.35	3.33	58.04	3.39	60.92	3.46
	50	46.45	3.11	49.34	3.22	52.22	3.34	54.31	3.38	57.99	3.44	60.88	3.51
	55	46.42	3.15	49.30	3.26	52.18	3.38	54.26	3.42	57.95	3.48	60.83	3.55
	60	46.38	3.19	49.26	3.30	52.14	3.42	54.22	3.46	57.90	3.53	60.78	3.60
	65	46.35	3.23	49.22	3.35	52.10	3.47	54.18	3.51	57.86	3.57	60.74	3.65
	70	46.31	3.27	49.19	3.39	52.06	3.51	54.14	3.55	57.81	3.62	60.69	3.69
	75	45.20	3.44	48.06	3.57	50.93	3.70	53.01	3.74	56.67	3.81	59.54	3.89
	80	44.08	3.62	46.94	3.75	49.80	3.89	51.87	3.94	55.53	4.01	58.39	4.09
	85	42.98	3.80	45.83	3.94	48.69	4.08	50.75	4.13	54.40	4.20	57.25	4.29
	90	41.87	3.97	44.72	4.12	47.57	4.27	49.62	4.32	53.26	4.40	56.11	4.49
	95	40.67	4.15	43.51	4.30	46.34	4.46	**47.64**	**4.51**	52.01	4.59	54.84	4.69
	100	39.68	4.33	42.52	4.48	45.35	4.65	47.02	4.70	51.02	4.79	53.85	4.89
	105	38.69	4.50	41.53	4.67	44.36	4.84	46.41	4.89	50.03	4.98	52.86	5.09
	110	37.70	4.68	40.54	4.85	43.37	5.03	45.42	5.08	49.04	5.18	51.87	5.28
	115	36.71	4.86	39.54	5.03	42.38	5.22	44.42	5.28	48.05	5.38	50.88	5.48
	118	36.12	4.96	38.95	5.14	41.78	5.33	43.83	5.39	47.45	5.49	50.28	5.60
	122	35.92	5.10	38.75	5.29	41.59	5.48	43.63	5.54	47.25	5.65	50.09	5.76

TC = Total Capacity (kBtu/h).

PI = Power Input (kW).

Nominal capacity as rated: 0 ft. above sea level with Piping Length as Main Pipe (16.4 ft.) + Branch pipe (98.4 ft.) = 115 ft.
0 ft. level difference between outdoor and indoor units.

Nominal cooling capacity rating obtained with air entering the indoor unit at 80ºF dry bulb (DB) and 67ºF wet bulb (WB), and outdoor ambient conditions of 95ºF dry bulb (DB) and 75ºF wet bulb (WB).

The shaded table columns and rows indicate reference data. When operating at this temperature, these values can be different if the system is not running consistently.

Due to our policy of continuous product innovation, some specifications may change without notification.
©LG Electronics U.S.A., Inc., Englewood Cliffs, NJ. All rights reserved. "LG" is a registered trademark of LG Corp.

Table 126: LMU540HV Cooling Capacity Table — Non-Ducted Indoor Units (continued).

Combination Capacity Index (kBtu/h[%])	Outdoor Air Temp. (°F DB)	Indoor Air Temp. °F DB / °F WB											
		68 / 57		73 / 61		77 / 64		80 / 67		86 / 72		90 / 75	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
Non-Ducted Indoor Units 43 (80%)	14	40.99	2.38	43.53	2.46	46.08	2.55	47.92	2.58	51.17	2.63	53.71	2.69
	20	40.95	2.41	43.50	2.50	46.04	2.59	47.88	2.62	51.13	2.67	53.67	2.72
	25	40.92	2.45	43.47	2.54	46.01	2.63	47.84	2.66	51.09	2.71	53.63	2.76
	30	40.89	2.48	43.43	2.57	45.97	2.66	47.81	2.70	51.05	2.75	53.59	2.80
	35	40.86	2.51	43.40	2.61	45.94	2.70	47.77	2.73	51.01	2.78	53.55	2.84
	40	40.83	2.55	43.37	2.64	45.90	2.74	47.73	2.77	50.97	2.82	53.51	2.88
	45	40.80	2.58	43.33	2.68	45.87	2.78	47.70	2.81	50.93	2.86	53.47	2.92
	50	40.77	2.62	43.30	2.71	45.83	2.81	47.66	2.84	50.89	2.90	53.43	2.96
	55	40.74	2.65	43.27	2.75	45.80	2.85	47.62	2.88	50.86	2.94	53.39	2.99
	60	40.70	2.69	43.23	2.78	45.76	2.89	47.59	2.92	50.82	2.97	53.34	3.03
	65	40.67	2.72	43.20	2.82	45.73	2.92	47.55	2.96	50.78	3.01	53.30	3.07
	70	40.64	2.75	43.17	2.85	45.69	2.96	47.51	2.99	50.74	3.05	53.26	3.11
	75	39.66	2.90	42.18	3.01	44.70	3.12	46.52	3.15	49.74	3.21	52.25	3.28
	80	38.69	3.05	41.20	3.16	43.71	3.28	45.52	3.32	48.73	3.38	51.24	3.45
	85	37.72	3.20	40.22	3.32	42.73	3.44	44.54	3.48	47.74	3.54	50.24	3.61
	90	36.75	3.35	39.25	3.47	41.75	3.60	43.55	3.64	46.74	3.71	49.24	3.78
	95	35.70	3.50	38.18	3.62	40.67	3.76	**41.81**	**3.80**	45.64	3.87	48.13	3.95
	100	34.83	3.65	37.31	3.78	39.80	3.92	41.27	3.96	44.77	4.04	47.26	4.12
	105	33.96	3.79	36.44	3.93	38.93	4.08	40.73	4.12	43.90	4.20	46.39	4.28
	110	33.09	3.94	35.57	4.09	38.06	4.24	39.86	4.28	43.03	4.36	45.52	4.45
	115	32.22	4.09	34.71	4.24	37.19	4.40	38.99	4.45	42.17	4.53	44.65	4.62
	118	31.70	4.18	34.18	4.33	36.67	4.49	38.47	4.54	41.64	4.63	44.13	4.72
	122	31.52	4.30	34.01	4.46	36.50	4.62	38.29	4.67	41.47	4.76	43.96	4.86
Non-Ducted Indoor Units 38 (70%)	14	36.21	2.01	38.46	2.08	40.71	2.16	42.33	2.18	45.21	2.22	47.46	2.27
	20	36.18	2.04	38.43	2.11	40.68	2.19	42.30	2.21	45.17	2.26	47.42	2.30
	25	36.16	2.07	38.40	2.14	40.65	2.22	42.27	2.25	45.14	2.29	47.38	2.33
	30	36.13	2.10	38.37	2.17	40.62	2.25	42.24	2.28	45.10	2.32	47.35	2.37
	35	36.10	2.12	38.34	2.20	40.59	2.28	42.21	2.31	45.07	2.35	47.31	2.40
	40	36.07	2.15	38.31	2.23	40.55	2.31	42.17	2.34	45.04	2.38	47.28	2.43
	45	36.05	2.18	38.29	2.26	40.52	2.34	42.14	2.37	45.00	2.42	47.24	2.46
	50	36.02	2.21	38.26	2.29	40.49	2.38	42.11	2.40	44.97	2.45	47.20	2.50
	55	35.99	2.24	38.23	2.32	40.46	2.41	42.08	2.43	44.93	2.48	47.17	2.53
	60	35.96	2.27	38.20	2.35	40.43	2.44	42.04	2.47	44.90	2.51	47.13	2.56
	65	35.94	2.30	38.17	2.38	40.40	2.47	42.01	2.50	44.86	2.54	47.09	2.59
	70	35.91	2.33	38.14	2.41	40.37	2.50	41.98	2.53	44.83	2.58	47.06	2.63
	75	35.04	2.45	37.27	2.54	39.49	2.63	41.10	2.66	43.94	2.71	46.17	2.77
	80	34.18	2.58	36.40	2.67	38.62	2.77	40.22	2.80	43.06	2.85	45.28	2.91
	85	33.32	2.70	35.54	2.80	37.75	2.90	39.35	2.94	42.18	2.99	44.39	3.05
	90	32.47	2.83	34.68	2.93	36.88	3.04	38.48	3.07	41.30	3.13	43.51	3.19
	95	31.54	2.95	33.73	3.06	35.93	3.17	**36.94**	**3.21**	40.33	3.27	42.52	3.34
	100	30.77	3.08	32.97	3.19	35.16	3.31	36.46	3.35	39.56	3.41	41.76	3.48
	105	30.00	3.20	32.20	3.32	34.40	3.44	35.98	3.48	38.79	3.55	40.99	3.62
	110	29.23	3.33	31.43	3.45	33.63	3.58	35.21	3.62	38.02	3.69	40.22	3.76
	115	28.47	3.46	30.66	3.58	32.86	3.71	34.45	3.76	37.25	3.83	39.45	3.90
	118	28.01	3.53	30.20	3.66	32.40	3.79	33.99	3.84	36.79	3.91	38.99	3.99
	122	27.85	3.63	30.05	3.76	32.25	3.90	33.83	3.95	36.64	4.02	38.84	4.10

TC = Total Capacity (kBtu/h).

PI = Power Input (kW).

Nominal capacity as rated: 0 ft. above sea level with Piping Length as Main Pipe (16.4 ft.) + Branch pipe (98.4 ft.) = 115 ft.
0 ft. level difference between outdoor and indoor units.

Nominal cooling capacity rating obtained with air entering the indoor unit at 80ºF dry bulb (DB) and 67ºF wet bulb (WB), and outdoor ambient conditions of 95ºF dry bulb (DB) and 75ºF wet bulb (WB).

The shaded table columns and rows indicate reference data. When operating at this temperature, these values can be different if the system is not running consistently.

Due to our policy of continuous product innovation, some specifications may change without notification.
©LG Electronics U.S.A., Inc., Englewood Cliffs, NJ. All rights reserved. "LG" is a registered trademark of LG Corp.

PERFORMANCE DATA

Cooling Capacity Tables

Table 127: LMU540HV Cooling Capacity Table — Non-Ducted Indoor Units (continued).

Combination Capacity Index (kBtu/h[%])	Outdoor Air Temp. (°F DB)	Indoor Air Temp. °F DB / °F WB											
		68 / 57		73 / 61		77 / 64		80 / 67		86 / 72		90 / 75	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
Non-Ducted Indoor Units 32 (60%)	14	30.50	1.56	32.39	1.62	34.29	1.68	35.65	1.70	38.07	1.73	39.97	1.77
	20	30.47	1.59	32.37	1.64	34.26	1.70	35.63	1.72	38.04	1.76	39.94	1.79
	25	30.45	1.61	32.34	1.67	34.23	1.73	35.60	1.75	38.01	1.78	39.91	1.82
	30	30.43	1.63	32.32	1.69	34.21	1.75	35.57	1.77	37.99	1.81	39.88	1.84
	35	30.40	1.65	32.29	1.71	34.18	1.78	35.54	1.80	37.96	1.83	39.85	1.87
	40	30.38	1.68	32.27	1.74	34.15	1.80	35.52	1.82	37.93	1.86	39.81	1.89
	45	30.36	1.70	32.24	1.76	34.13	1.83	35.49	1.85	37.90	1.88	39.78	1.92
	50	30.33	1.72	32.22	1.78	34.10	1.85	35.46	1.87	37.87	1.91	39.75	1.94
	55	30.31	1.74	32.19	1.81	34.08	1.87	35.44	1.90	37.84	1.93	39.72	1.97
	60	30.29	1.77	32.17	1.83	34.05	1.90	35.41	1.92	37.81	1.96	39.69	2.00
	65	30.26	1.79	32.14	1.85	34.02	1.92	35.38	1.94	37.78	1.98	39.66	2.02
	70	30.24	1.81	32.12	1.88	34.00	1.95	35.35	1.97	37.75	2.01	39.63	2.05
	75	29.51	1.91	31.39	1.98	33.26	2.05	34.61	2.08	37.01	2.11	38.88	2.16
	80	28.79	2.01	30.65	2.08	32.52	2.16	33.87	2.18	36.26	2.22	38.13	2.27
	85	28.06	2.10	29.93	2.18	31.79	2.26	33.14	2.29	35.52	2.33	37.39	2.38
	90	27.34	2.20	29.20	2.28	31.06	2.37	32.41	2.39	34.78	2.44	36.64	2.49
	95	26.56	2.30	28.41	2.38	30.26	2.47	**31.11**	**2.50**	33.96	2.55	35.81	2.60
	100	25.91	2.40	27.76	2.49	29.61	2.58	30.71	2.61	33.32	2.66	35.17	2.71
	105	25.27	2.50	27.12	2.59	28.97	2.68	30.30	2.71	32.67	2.76	34.52	2.82
	110	24.62	2.59	26.47	2.69	28.32	2.79	29.66	2.82	32.02	2.87	33.87	2.93
	115	23.97	2.69	25.82	2.79	27.67	2.89	29.01	2.92	31.37	2.98	33.23	3.04
	118	23.59	2.75	25.44	2.85	27.29	2.95	28.62	2.99	30.99	3.04	32.84	3.11
	122	23.46	2.83	25.31	2.93	27.16	3.04	28.49	3.07	30.86	3.13	32.71	3.19
Non-Ducted Indoor Units 27 (50%)	14	25.73	1.20	27.33	1.24	28.93	1.28	30.08	1.30	32.13	1.32	33.72	1.35
	20	25.71	1.21	27.31	1.26	28.91	1.30	30.06	1.32	32.10	1.34	33.70	1.37
	25	25.69	1.23	27.29	1.27	28.88	1.32	30.04	1.34	32.08	1.36	33.67	1.39
	30	25.67	1.25	27.27	1.29	28.86	1.34	30.01	1.35	32.05	1.38	33.65	1.41
	35	25.65	1.26	27.25	1.31	28.84	1.36	29.99	1.37	32.03	1.40	33.62	1.43
	40	25.63	1.28	27.23	1.33	28.82	1.38	29.97	1.39	32.00	1.42	33.59	1.45
	45	25.62	1.30	27.21	1.35	28.80	1.39	29.95	1.41	31.98	1.44	33.57	1.47
	50	25.60	1.32	27.19	1.36	28.77	1.41	29.92	1.43	31.95	1.46	33.54	1.49
	55	25.58	1.33	27.16	1.38	28.75	1.43	29.90	1.45	31.93	1.48	33.52	1.51
	60	25.56	1.35	27.14	1.40	28.73	1.45	29.88	1.47	31.90	1.49	33.49	1.52
	65	25.54	1.37	27.12	1.42	28.71	1.47	29.85	1.49	31.88	1.51	33.47	1.54
	70	25.52	1.38	27.10	1.43	28.69	1.49	29.83	1.50	31.86	1.53	33.44	1.56
	75	24.90	1.46	26.48	1.51	28.06	1.57	29.21	1.59	31.23	1.62	32.81	1.65
	80	24.29	1.53	25.87	1.59	27.44	1.65	28.58	1.67	30.60	1.70	32.17	1.73
	85	23.68	1.61	25.25	1.67	26.83	1.73	27.96	1.75	29.97	1.78	31.55	1.82
	90	23.07	1.68	24.64	1.74	26.21	1.81	27.34	1.83	29.35	1.86	30.92	1.90
	95	22.41	1.76	23.97	1.82	25.53	1.89	**26.25**	**1.91**	28.66	1.95	30.22	1.98
	100	21.87	1.83	23.43	1.90	24.99	1.97	25.91	1.99	28.11	2.03	29.67	2.07
	105	21.32	1.91	22.88	1.98	24.44	2.05	25.57	2.07	27.56	2.11	29.13	2.15
	110	20.77	1.98	22.34	2.05	23.90	2.13	25.02	2.15	27.02	2.19	28.58	2.24
	115	20.23	2.06	21.79	2.13	23.35	2.21	24.48	2.23	26.47	2.28	28.03	2.32
	118	19.90	2.10	21.46	2.18	23.02	2.26	24.15	2.28	26.15	2.33	27.71	2.37
	122	19.79	2.16	21.35	2.24	22.91	2.32	24.04	2.35	26.04	2.39	27.60	2.44

TC = Total Capacity (kBtu/h).

PI = Power Input (kW).

Nominal capacity as rated: 0 ft. above sea level with Piping Length as Main Pipe (16.4 ft.) + Branch pipe (98.4 ft.) = 115 ft.
0 ft. level difference between outdoor and indoor units.

Nominal cooling capacity rating obtained with air entering the indoor unit at 80°F dry bulb (DB) and 67°F wet bulb (WB), and outdoor ambient conditions of 95°F dry bulb (DB) and 75°F wet bulb (WB).

The shaded table columns and rows indicate reference data. When operating at this temperature, these values can be different if the system is not running consistently.

Due to our policy of continuous product innovation, some specifications may change without notification.
©LG Electronics U.S.A., Inc., Englewood Cliffs, NJ. All rights reserved. "LG" is a registered trademark of LG Corp.

Table 128: LMU540HV Cooling Capacity Table — Non-Ducted (continued) / Ducted Indoor Units.

Combination Capacity Index (kBtu/h[%])	Outdoor Air Temp. (°F DB)	Indoor Air Temp. °F DB / °F WB											
		68 / 57		73 / 61		77 / 64		80 / 67		86 / 72		90 / 75	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
Non-Ducted Indoor Units 24 (40%)	14	22.87	0.97	24.29	1.01	25.71	1.04	26.74	1.05	28.55	1.07	29.97	1.10
	20	22.85	0.98	24.27	1.02	25.69	1.06	26.72	1.07	28.53	1.09	29.95	1.11
	25	22.84	1.00	24.25	1.03	25.67	1.07	26.70	1.08	28.51	1.10	29.93	1.13
	30	22.82	1.01	24.24	1.05	25.65	1.09	26.68	1.10	28.49	1.12	29.90	1.14
	35	22.80	1.03	24.22	1.06	25.63	1.10	26.66	1.11	28.46	1.14	29.88	1.16
	40	22.78	1.04	24.20	1.08	25.61	1.12	26.63	1.13	28.44	1.15	29.86	1.17
	45	22.77	1.05	24.18	1.09	25.59	1.13	26.61	1.14	28.42	1.17	29.83	1.19
	50	22.75	1.07	24.16	1.11	25.57	1.15	26.59	1.16	28.40	1.18	29.81	1.21
	55	22.73	1.08	24.14	1.12	25.55	1.16	26.57	1.18	28.38	1.20	29.79	1.22
	60	22.71	1.10	24.12	1.14	25.53	1.18	26.55	1.19	28.36	1.21	29.77	1.24
	65	22.70	1.11	24.11	1.15	25.51	1.19	26.53	1.21	28.33	1.23	29.74	1.25
	70	22.68	1.12	24.09	1.16	25.50	1.21	26.51	1.22	28.31	1.24	29.72	1.27
	75	22.13	1.18	23.54	1.23	24.94	1.27	25.96	1.29	27.75	1.31	29.16	1.34
	80	21.59	1.24	22.99	1.29	24.39	1.34	25.40	1.35	27.19	1.38	28.59	1.41
	85	21.05	1.31	22.44	1.35	23.84	1.40	24.85	1.42	26.64	1.44	28.04	1.47
	90	20.51	1.37	21.90	1.42	23.29	1.47	24.30	1.48	26.08	1.51	27.48	1.54
	95	19.92	1.43	21.31	1.48	22.69	1.53	**23.33**	**1.55**	25.47	1.58	26.86	1.61
	100	19.43	1.49	20.82	1.54	22.21	1.60	23.03	1.62	24.98	1.65	26.37	1.68
	105	18.95	1.55	20.34	1.60	21.72	1.66	22.73	1.68	24.50	1.71	25.89	1.75
	110	18.46	1.61	19.85	1.67	21.24	1.73	22.24	1.75	24.01	1.78	25.40	1.82
	115	17.98	1.67	19.37	1.73	20.75	1.79	21.76	1.81	23.53	1.85	24.92	1.88
	118	17.69	1.71	19.07	1.77	20.46	1.83	21.46	1.85	23.24	1.89	24.63	1.93
	122	17.59	1.75	18.98	1.82	20.37	1.88	21.37	1.91	23.14	1.94	24.53	1.98
Ducted Indoor Units 73 (135%)	14	52.99	3.55	56.29	3.68	59.58	3.82	61.95	3.86	66.16	3.94	69.45	4.01
	20	52.95	3.61	56.24	3.74	59.53	3.87	61.91	3.92	66.11	3.99	69.40	4.07
	25	52.91	3.66	56.20	3.79	59.49	3.93	61.86	3.97	66.06	4.05	69.35	4.13
	30	52.87	3.71	56.16	3.84	59.44	3.98	61.81	4.03	66.01	4.10	69.29	4.19
	35	52.83	3.76	56.11	3.90	59.40	4.04	61.77	4.08	65.96	4.16	69.24	4.25
	40	52.79	3.81	56.07	3.95	59.35	4.09	61.72	4.14	65.91	4.22	69.19	4.30
	45	52.75	3.86	56.03	4.00	59.30	4.15	61.67	4.20	65.86	4.27	69.13	4.36
	50	52.71	3.91	55.99	4.05	59.26	4.20	61.62	4.25	65.81	4.33	69.08	4.42
	55	52.67	3.96	55.94	4.11	59.21	4.26	61.58	4.31	65.76	4.39	69.03	4.48
	60	52.63	4.01	55.90	4.16	59.17	4.31	61.53	4.36	65.71	4.44	68.97	4.53
	65	52.59	4.07	55.86	4.21	59.12	4.37	61.48	4.42	65.66	4.50	68.92	4.59
	70	52.55	4.12	55.81	4.27	59.08	4.42	61.43	4.47	65.60	4.56	68.87	4.65
	75	51.29	4.34	54.54	4.50	57.80	4.66	60.15	4.71	64.31	4.80	67.56	4.90
	80	50.02	4.56	53.27	4.73	56.52	4.90	58.86	4.96	63.01	5.05	66.26	5.15
	85	48.77	4.78	52.01	4.96	55.25	5.14	57.59	5.20	61.73	5.29	64.97	5.40
	90	47.51	5.00	50.75	5.19	53.98	5.38	56.31	5.44	60.44	5.54	63.67	5.65
	95	46.15	5.23	49.37	5.42	52.58	5.62	**54.06**	**5.68**	59.02	5.79	62.23	5.90
	100	45.03	5.45	48.25	5.65	51.46	5.85	53.36	5.92	57.89	6.03	61.11	6.15
	105	43.91	5.67	47.12	5.88	50.34	6.09	52.66	6.16	56.77	6.28	59.98	6.40
	110	42.78	5.89	46.00	6.11	49.21	6.33	51.54	6.40	55.64	6.52	58.86	6.66
	115	41.66	6.11	44.87	6.34	48.09	6.57	50.41	6.65	54.52	6.77	57.74	6.91
	118	40.98	6.25	44.20	6.48	47.41	6.71	49.74	6.79	53.85	6.92	57.06	7.06
	122	40.76	6.43	43.97	6.66	47.19	6.90	49.51	6.98	53.62	7.11	56.84	7.26

TC = Total Capacity (kBtu/h).

PI = Power Input (kW).

Nominal capacity as rated: 0 ft. above sea level with Piping Length as Main Pipe (16.4 ft.) + Branch pipe (98.4 ft.) = 115 ft.
0 ft. level difference between outdoor and indoor units.

Nominal cooling capacity rating obtained with air entering the indoor unit at 80ºF dry bulb (DB) and 67ºF wet bulb (WB), and outdoor ambient conditions of 95ºF dry bulb (DB) and 75ºF wet bulb (WB).

The shaded table columns and rows indicate reference data. When operating at this temperature, these values can be different if the system is not running consistently.

Due to our policy of continuous product innovation, some specifications may change without notification.
©LG Electronics U.S.A., Inc., Englewood Cliffs, NJ. All rights reserved. "LG" is a registered trademark of LG Corp.

PERFORMANCE DATA

Cooling Capacity Tables

Table 129: LMU540HV Cooling Capacity Table — Ducted Indoor Units (continued).

Combination Capacity Index (kBtu/h[%])	Outdoor Air Temp. (°F DB)	Indoor Air Temp. °F DB / °F WB											
		68 / 57		73 / 61		77 / 64		80 / 67		86 / 72		90 / 75	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
Ducted Indoor Units 70 (130%)	14	52.52	3.50	55.79	3.63	59.05	3.76	61.40	3.80	65.57	3.87	68.83	3.95
	20	52.48	3.55	55.74	3.68	59.00	3.81	61.36	3.86	65.52	3.93	68.78	4.01
	25	52.44	3.60	55.70	3.73	58.96	3.87	61.31	3.91	65.47	3.98	68.73	4.06
	30	52.40	3.65	55.66	3.78	58.91	3.92	61.26	3.97	65.42	4.04	68.68	4.12
	35	52.36	3.70	55.62	3.83	58.87	3.97	61.22	4.02	65.37	4.10	68.62	4.18
	40	52.32	3.75	55.57	3.89	58.82	4.03	61.17	4.07	65.32	4.15	68.57	4.23
	45	52.28	3.80	55.53	3.94	58.78	4.08	61.12	4.13	65.27	4.21	68.52	4.29
	50	52.24	3.85	55.49	3.99	58.73	4.14	61.08	4.18	65.22	4.26	68.47	4.35
	55	52.20	3.90	55.45	4.04	58.69	4.19	61.03	4.24	65.17	4.32	68.41	4.40
	60	52.16	3.95	55.40	4.09	58.64	4.24	60.98	4.29	65.12	4.37	68.36	4.46
	65	52.12	4.00	55.36	4.15	58.60	4.30	60.94	4.35	65.07	4.43	68.31	4.52
	70	52.08	4.05	55.32	4.20	58.55	4.35	60.89	4.40	65.02	4.48	68.26	4.58
	75	50.83	4.27	54.06	4.43	57.28	4.59	59.61	4.64	63.74	4.73	66.96	4.82
	80	49.58	4.49	52.80	4.65	56.01	4.82	58.34	4.88	62.45	4.97	65.67	5.07
	85	48.33	4.71	51.55	4.88	54.76	5.06	57.08	5.11	61.18	5.21	64.39	5.32
	90	47.09	4.93	50.30	5.11	53.50	5.29	55.81	5.35	59.90	5.45	63.11	5.56
	95	45.74	5.14	48.93	5.33	52.12	5.53	**53.58**	**5.59**	58.49	5.69	61.68	5.81
	100	44.63	5.36	47.82	5.56	51.00	5.76	52.89	5.83	57.38	5.94	60.56	6.06
	105	43.52	5.58	46.70	5.78	49.89	6.00	52.19	6.07	56.26	6.18	59.45	6.30
	110	42.40	5.80	45.59	6.01	48.78	6.23	51.08	6.30	55.15	6.42	58.34	6.55
	115	41.29	6.02	44.48	6.24	47.66	6.47	49.96	6.54	54.04	6.66	57.22	6.80
	118	40.62	6.15	43.81	6.37	46.99	6.61	49.30	6.68	53.37	6.81	56.55	6.94
	122	40.40	6.32	43.58	6.55	46.77	6.79	49.07	6.87	53.14	7.00	56.33	7.14
Ducted Indoor Units 65 (120%)	14	51.73	3.40	54.94	3.53	58.16	3.66	60.48	3.70	64.58	3.77	67.79	3.84
	20	51.69	3.45	54.90	3.58	58.11	3.71	60.43	3.75	64.53	3.82	67.74	3.90
	25	51.65	3.50	54.86	3.63	58.07	3.76	60.38	3.81	64.48	3.88	67.69	3.96
	30	51.61	3.55	54.82	3.68	58.02	3.82	60.34	3.86	64.43	3.93	67.64	4.01
	35	51.57	3.60	54.78	3.73	57.98	3.87	60.29	3.91	64.38	3.99	67.59	4.07
	40	51.53	3.65	54.73	3.78	57.93	3.92	60.25	3.97	64.33	4.04	67.54	4.12
	45	51.49	3.70	54.69	3.83	57.89	3.97	60.20	4.02	64.29	4.09	67.48	4.18
	50	51.45	3.75	54.65	3.88	57.85	4.03	60.15	4.07	64.24	4.15	67.43	4.23
	55	51.41	3.80	54.61	3.93	57.80	4.08	60.11	4.12	64.19	4.20	67.38	4.29
	60	51.38	3.84	54.57	3.98	57.76	4.13	60.06	4.18	64.14	4.26	67.33	4.34
	65	51.34	3.89	54.52	4.04	57.71	4.18	60.01	4.23	64.09	4.31	67.28	4.40
	70	51.30	3.94	54.48	4.09	57.67	4.24	59.97	4.28	64.04	4.36	67.22	4.45
	75	50.06	4.16	53.24	4.31	56.42	4.46	58.71	4.52	62.77	4.60	65.95	4.69
	80	48.83	4.37	52.00	4.53	55.17	4.69	57.46	4.75	61.51	4.84	64.68	4.93
	85	47.60	4.58	50.77	4.75	53.93	4.92	56.21	4.98	60.25	5.07	63.41	5.17
	90	46.38	4.79	49.53	4.97	52.69	5.15	54.97	5.21	59.00	5.31	62.15	5.41
	95	45.05	5.01	48.19	5.19	51.33	5.38	**52.77**	**5.44**	57.61	5.54	60.75	5.65
	100	43.96	5.22	47.09	5.41	50.23	5.61	52.09	5.67	56.51	5.78	59.65	5.89
	105	42.86	5.43	46.00	5.63	49.14	5.84	51.40	5.90	55.41	6.01	58.55	6.13
	110	41.76	5.64	44.90	5.85	48.04	6.06	50.31	6.13	54.32	6.25	57.45	6.37
	115	40.66	5.86	43.80	6.07	46.94	6.29	49.21	6.36	53.22	6.48	56.36	6.61
	118	40.01	5.98	43.14	6.20	46.28	6.43	48.55	6.50	52.56	6.63	55.70	6.76
	122	39.79	6.15	42.93	6.38	46.06	6.61	48.33	6.69	52.34	6.81	55.48	6.95

TC = Total Capacity (kBtu/h).

PI = Power Input (kW).

Nominal capacity as rated: 0 ft. above sea level with Piping Length as Main Pipe (16.4 ft.) + Branch pipe (98.4 ft.) = 115 ft.
0 ft. level difference between outdoor and indoor units.

Nominal cooling capacity rating obtained with air entering the indoor unit at 80ºF dry bulb (DB) and 67ºF wet bulb (WB), and outdoor ambient conditions of 95ºF dry bulb (DB) and 75ºF wet bulb (WB).

The shaded table columns and rows indicate reference data. When operating at this temperature, these values can be different if the system is not running consistently.

Due to our policy of continuous product innovation, some specifications may change without notification.
©LG Electronics U.S.A., Inc., Englewood Cliffs, NJ. All rights reserved. "LG" is a registered trademark of LG Corp.

PERFORMANCE DATA

Cooling Capacity Tables

Table 130: LMU540HV Cooling Capacity Table — Ducted Indoor Units (continued).

Combination Capacity Index (kBtu/h[%])	Outdoor Air Temp. (°F DB)	Indoor Air Temp. °F DB / °F WB											
		68 / 57		73 / 61		77 / 64		80 / 67		86 / 72		90 / 75	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
Ducted Indoor Units 59 (110%)	14	50.79	3.29	53.94	3.41	57.10	3.53	59.38	3.57	63.41	3.64	66.56	3.71
	20	50.75	3.33	53.90	3.45	57.05	3.58	59.33	3.62	63.36	3.69	66.51	3.76
	25	50.71	3.38	53.86	3.50	57.01	3.63	59.29	3.67	63.31	3.74	66.46	3.82
	30	50.67	3.43	53.82	3.55	56.97	3.68	59.24	3.72	63.26	3.79	66.41	3.87
	35	50.63	3.47	53.78	3.60	56.92	3.73	59.19	3.78	63.21	3.85	66.36	3.92
	40	50.60	3.52	53.74	3.65	56.88	3.78	59.15	3.83	63.16	3.90	66.31	3.98
	45	50.56	3.57	53.70	3.70	56.84	3.83	59.10	3.88	63.12	3.95	66.26	4.03
	50	50.52	3.62	53.66	3.75	56.79	3.88	59.06	3.93	63.07	4.00	66.21	4.08
	55	50.48	3.66	53.61	3.80	56.75	3.94	59.01	3.98	63.02	4.06	66.15	4.14
	60	50.44	3.71	53.57	3.85	56.71	3.99	58.97	4.03	62.97	4.11	66.10	4.19
	65	50.40	3.76	53.53	3.89	56.66	4.04	58.92	4.08	62.92	4.16	66.05	4.24
	70	50.36	3.80	53.49	3.94	56.62	4.09	58.88	4.13	62.87	4.21	66.00	4.30
	75	49.15	4.01	52.27	4.16	55.39	4.31	57.64	4.36	61.63	4.44	64.75	4.53
	80	47.94	4.22	51.05	4.37	54.16	4.53	56.41	4.58	60.39	4.67	63.50	4.76
	85	46.74	4.42	49.84	4.58	52.95	4.75	55.19	4.80	59.16	4.89	62.26	4.99
	90	45.54	4.63	48.63	4.79	51.73	4.97	53.97	5.03	57.92	5.12	61.02	5.22
	95	44.23	4.83	47.31	5.01	50.40	5.19	**51.81**	**5.25**	56.56	5.35	59.64	5.46
	100	43.16	5.04	46.24	5.22	49.32	5.41	51.14	5.47	55.48	5.58	58.56	5.69
	105	42.08	5.24	45.16	5.43	48.24	5.63	50.47	5.70	54.41	5.80	57.49	5.92
	110	41.00	5.45	44.08	5.65	47.16	5.85	49.39	5.92	53.33	6.03	56.41	6.15
	115	39.92	5.65	43.01	5.86	46.09	6.07	48.31	6.14	52.25	6.26	55.33	6.38
	118	39.28	5.78	42.36	5.99	45.44	6.20	47.67	6.28	51.60	6.39	54.69	6.52
	122	39.06	5.94	42.14	6.16	45.23	6.38	47.45	6.45	51.39	6.58	54.47	6.71
Ducted Indoor Units 54 (100%)	14	50.00	3.19	53.10	3.31	56.21	3.43	58.45	3.47	62.41	3.53	65.52	3.60
	20	49.96	3.24	53.06	3.36	56.16	3.48	58.40	3.52	62.37	3.58	65.47	3.66
	25	49.92	3.28	53.02	3.40	56.12	3.53	58.36	3.57	62.32	3.63	65.42	3.71
	30	49.88	3.33	52.98	3.45	56.08	3.58	58.31	3.62	62.27	3.69	65.37	3.76
	35	49.84	3.38	52.94	3.50	56.03	3.63	58.27	3.67	62.22	3.74	65.32	3.81
	40	49.80	3.42	52.90	3.55	55.99	3.68	58.22	3.72	62.18	3.79	65.27	3.86
	45	49.77	3.47	52.86	3.59	55.95	3.72	58.18	3.77	62.13	3.84	65.22	3.92
	50	49.73	3.51	52.82	3.64	55.90	3.77	58.14	3.82	62.08	3.89	65.17	3.97
	55	49.69	3.56	52.78	3.69	55.86	3.82	58.09	3.87	62.03	3.94	65.12	4.02
	60	49.65	3.60	52.74	3.74	55.82	3.87	58.05	3.92	61.99	3.99	65.07	4.07
	65	49.61	3.65	52.70	3.78	55.78	3.92	58.00	3.97	61.94	4.04	65.02	4.12
	70	49.58	3.70	52.65	3.83	55.73	3.97	57.96	4.02	61.89	4.09	64.97	4.17
	75	48.38	3.90	51.45	4.04	54.53	4.19	56.74	4.23	60.67	4.31	63.74	4.40
	80	47.19	4.09	50.25	4.24	53.32	4.40	55.53	4.45	59.44	4.53	62.51	4.62
	85	46.01	4.29	49.06	4.45	52.12	4.61	54.33	4.67	58.23	4.75	61.29	4.85
	90	44.82	4.49	47.87	4.66	50.92	4.83	53.12	4.88	57.02	4.97	60.07	5.07
	95	43.54	4.69	46.57	4.86	49.61	5.04	**51.00**	**5.10**	55.68	5.20	58.71	5.30
	100	42.48	4.89	45.51	5.07	48.55	5.26	50.34	5.32	54.61	5.42	57.65	5.53
	105	41.42	5.09	44.45	5.28	47.49	5.47	49.68	5.53	53.55	5.64	56.59	5.75
	110	40.36	5.29	43.39	5.48	46.43	5.68	48.62	5.75	52.49	5.86	55.53	5.98
	115	39.30	5.49	42.33	5.69	45.37	5.90	47.56	5.97	51.43	6.08	54.47	6.20
	118	38.66	5.61	41.70	5.82	44.73	6.03	46.92	6.10	50.80	6.21	53.83	6.34
	122	38.45	5.77	41.49	5.98	44.52	6.20	46.71	6.27	50.59	6.39	53.62	6.52

TC = Total Capacity (kBtu/h).

PI = Power Input (kW).

Nominal capacity as rated: 0 ft. above sea level with Piping Length as Main Pipe (16.4 ft.) + Branch pipe (98.4 ft.) = 115 ft.
0 ft. level difference between outdoor and indoor units.

Nominal cooling capacity rating obtained with air entering the indoor unit at 80°F dry bulb (DB) and 67°F wet bulb (WB), and outdoor ambient conditions of 95°F dry bulb (DB) and 75°F wet bulb (WB).

The shaded table columns and rows indicate reference data. When operating at this temperature, these values can be different if the system is not running consistently.

Due to our policy of continuous product innovation, some specifications may change without notification.
©LG Electronics U.S.A., Inc., Englewood Cliffs, NJ. All rights reserved. "LG" is a registered trademark of LG Corp.

PERFORMANCE DATA

Cooling Capacity Tables

Table 131: LMU540HV Cooling Capacity Table — Ducted Indoor Units (continued).

Combination Capacity Index (kBtu/h[%])	Outdoor Air Temp. (°F DB)	Indoor Air Temp. °F DB / °F WB											
		68 / 57		73 / 61		77 / 64		80 / 67		86 / 72		90 / 75	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
Ducted Indoor Units 49 (90%)	14	45.37	2.82	48.19	2.93	51.00	3.03	53.04	3.07	56.64	3.12	59.46	3.19
	20	45.33	2.86	48.15	2.97	50.96	3.08	53.00	3.11	56.60	3.17	59.41	3.23
	25	45.30	2.90	48.11	3.01	50.93	3.12	52.96	3.16	56.55	3.21	59.37	3.28
	30	45.26	2.94	48.08	3.05	50.89	3.16	52.92	3.20	56.51	3.26	59.32	3.32
	35	45.23	2.98	48.04	3.09	50.85	3.21	52.88	3.24	56.47	3.30	59.27	3.37
	40	45.20	3.03	48.00	3.14	50.81	3.25	52.84	3.29	56.42	3.35	59.23	3.42
	45	45.16	3.07	47.97	3.18	50.77	3.29	52.80	3.33	56.38	3.39	59.18	3.46
	50	45.13	3.11	47.93	3.22	50.73	3.34	52.76	3.38	56.34	3.44	59.14	3.51
	55	45.09	3.15	47.89	3.26	50.69	3.38	52.71	3.42	56.29	3.48	59.09	3.55
	60	45.06	3.19	47.85	3.30	50.65	3.42	52.67	3.46	56.25	3.53	59.05	3.60
	65	45.02	3.23	47.82	3.35	50.61	3.47	52.63	3.51	56.21	3.57	59.00	3.65
	70	44.99	3.27	47.78	3.39	50.58	3.51	52.59	3.55	56.16	3.62	58.96	3.69
	75	43.90	3.44	46.69	3.57	49.48	3.70	51.49	3.74	55.05	3.81	57.84	3.89
	80	42.82	3.62	45.60	3.75	48.38	3.89	50.39	3.94	53.94	4.01	56.72	4.09
	85	41.75	3.80	44.52	3.94	47.30	4.08	49.30	4.13	52.84	4.20	55.62	4.29
	90	40.68	3.97	43.44	4.12	46.21	4.27	48.21	4.32	51.74	4.40	54.51	4.49
	95	39.51	4.15	42.26	4.30	45.02	4.46	**46.28**	**4.51**	50.52	4.59	53.28	4.69
	100	38.55	4.33	41.30	4.48	44.05	4.65	45.68	4.70	49.56	4.79	52.31	4.89
	105	37.59	4.50	40.34	4.67	43.09	4.84	45.08	4.89	48.60	4.98	51.35	5.09
	110	36.63	4.68	39.38	4.85	42.13	5.03	44.12	5.08	47.64	5.18	50.39	5.28
	115	35.66	4.86	38.42	5.03	41.17	5.22	43.16	5.28	46.67	5.38	49.43	5.48
	118	35.09	4.96	37.84	5.14	40.59	5.33	42.58	5.39	46.10	5.49	48.85	5.60
	122	34.89	5.10	37.65	5.29	40.40	5.48	42.39	5.54	45.90	5.65	48.66	5.76
Ducted Indoor Units 43 (80%)	14	39.81	2.38	42.28	2.46	44.75	2.55	46.54	2.58	49.70	2.63	52.17	2.69
	20	39.78	2.41	42.25	2.50	44.72	2.59	46.50	2.62	49.66	2.67	52.13	2.72
	25	39.75	2.45	42.22	2.54	44.69	2.63	46.47	2.66	49.62	2.71	52.09	2.76
	30	39.72	2.48	42.19	2.57	44.65	2.66	46.43	2.70	49.59	2.75	52.05	2.80
	35	39.69	2.51	42.15	2.61	44.62	2.70	46.40	2.73	49.55	2.78	52.01	2.84
	40	39.66	2.55	42.12	2.64	44.58	2.74	46.36	2.77	49.51	2.82	51.97	2.88
	45	39.63	2.58	42.09	2.68	44.55	2.78	46.33	2.81	49.47	2.86	51.93	2.92
	50	39.60	2.62	42.06	2.71	44.52	2.81	46.29	2.84	49.43	2.90	51.89	2.96
	55	39.57	2.65	42.02	2.75	44.48	2.85	46.26	2.88	49.40	2.94	51.85	2.99
	60	39.54	2.69	41.99	2.78	44.45	2.89	46.22	2.92	49.36	2.97	51.81	3.03
	65	39.51	2.72	41.96	2.82	44.41	2.92	46.19	2.96	49.32	3.01	51.77	3.07
	70	39.48	2.75	41.93	2.85	44.38	2.96	46.15	2.99	49.28	3.05	51.73	3.11
	75	38.53	2.90	40.97	3.01	43.42	3.12	45.18	3.15	48.31	3.21	50.75	3.28
	80	37.58	3.05	40.02	3.16	42.46	3.28	44.22	3.32	47.33	3.38	49.77	3.45
	85	36.63	3.20	39.07	3.32	41.50	3.44	43.26	3.48	46.37	3.54	48.80	3.61
	90	35.69	3.35	38.12	3.47	40.55	3.60	42.30	3.64	45.40	3.71	47.83	3.78
	95	34.67	3.50	37.09	3.62	39.50	3.76	**40.61**	**3.80**	44.33	3.87	46.75	3.95
	100	33.83	3.65	36.24	3.78	38.66	3.92	40.08	3.96	43.49	4.04	45.90	4.12
	105	32.98	3.79	35.40	3.93	37.81	4.08	39.56	4.12	42.64	4.20	45.06	4.28
	110	32.14	3.94	34.55	4.09	36.97	4.24	38.71	4.28	41.80	4.36	44.22	4.45
	115	31.29	4.09	33.71	4.24	36.12	4.40	37.87	4.45	40.96	4.53	43.37	4.62
	118	30.79	4.18	33.20	4.33	35.62	4.49	37.36	4.54	40.45	4.63	42.86	4.72
	122	30.62	4.30	33.03	4.46	35.45	4.62	37.19	4.67	40.28	4.76	42.70	4.86

TC = Total Capacity (kBtu/h).

PI = Power Input (kW).

Nominal capacity as rated: 0 ft. above sea level with Piping Length as Main Pipe (16.4 ft.) + Branch pipe (98.4 ft.) = 115 ft.
0 ft. level difference between outdoor and indoor units.

Nominal cooling capacity rating obtained with air entering the indoor unit at 80ºF dry bulb (DB) and 67ºF wet bulb (WB), and outdoor ambient conditions of 95ºF dry bulb (DB) and 75ºF wet bulb (WB).

The shaded table columns and rows indicate reference data. When operating at this temperature, these values can be different if the system is not running consistently.

Due to our policy of continuous product innovation, some specifications may change without notification.
©LG Electronics U.S.A., Inc., Englewood Cliffs, NJ. All rights reserved. "LG" is a registered trademark of LG Corp.

Table 132: LMU540HV Cooling Capacity Table — Ducted Indoor Units (continued).

Combination Capacity Index (kBtu/h[%])	Outdoor Air Temp. (°F DB)	Indoor Air Temp. °F DB / °F WB											
		68 / 57		73 / 61		77 / 64		80 / 67		86 / 72		90 / 75	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
Ducted Indoor Units 38 (70%)	14	35.18	2.01	37.37	2.08	39.55	2.16	41.13	2.18	43.92	2.22	46.11	2.27
	20	35.16	2.04	37.34	2.11	39.52	2.19	41.10	2.21	43.89	2.26	46.07	2.30
	25	35.13	2.07	37.31	2.14	39.49	2.22	41.07	2.25	43.86	2.29	46.04	2.33
	30	35.10	2.10	37.28	2.17	39.46	2.25	41.04	2.28	43.82	2.32	46.00	2.37
	35	35.08	2.12	37.25	2.20	39.43	2.28	41.01	2.31	43.79	2.35	45.97	2.40
	40	35.05	2.15	37.23	2.23	39.40	2.31	40.97	2.34	43.76	2.38	45.93	2.43
	45	35.02	2.18	37.20	2.26	39.37	2.34	40.94	2.37	43.72	2.42	45.90	2.46
	50	35.00	2.21	37.17	2.29	39.34	2.38	40.91	2.40	43.69	2.45	45.86	2.50
	55	34.97	2.24	37.14	2.32	39.31	2.41	40.88	2.43	43.65	2.48	45.83	2.53
	60	34.94	2.27	37.11	2.35	39.28	2.44	40.85	2.47	43.62	2.51	45.79	2.56
	65	34.91	2.30	37.08	2.38	39.25	2.47	40.82	2.50	43.59	2.54	45.76	2.59
	70	34.89	2.33	37.05	2.41	39.22	2.50	40.79	2.53	43.55	2.58	45.72	2.63
	75	34.05	2.45	36.21	2.54	38.37	2.63	39.93	2.66	42.69	2.71	44.85	2.77
	80	33.21	2.58	35.36	2.67	37.52	2.77	39.08	2.80	41.83	2.85	43.99	2.91
	85	32.38	2.70	34.53	2.80	36.68	2.90	38.23	2.94	40.98	2.99	43.13	3.05
	90	31.54	2.83	33.69	2.93	35.84	3.04	37.38	3.07	40.13	3.13	42.27	3.19
	95	30.64	2.95	32.78	3.06	34.91	3.17	**35.89**	**3.21**	39.18	3.27	41.31	3.34
	100	29.90	3.08	32.03	3.19	34.16	3.31	35.43	3.35	38.43	3.41	40.57	3.48
	105	29.15	3.20	31.28	3.32	33.42	3.44	34.96	3.48	37.69	3.55	39.82	3.62
	110	28.40	3.33	30.54	3.45	32.67	3.58	34.21	3.62	36.94	3.69	39.08	3.76
	115	27.66	3.46	29.79	3.58	31.93	3.71	33.47	3.76	36.20	3.83	38.33	3.90
	118	27.21	3.53	29.34	3.66	31.48	3.79	33.02	3.84	35.75	3.91	37.88	3.99
	122	27.06	3.63	29.19	3.76	31.33	3.90	32.87	3.95	35.60	4.02	37.73	4.10
Ducted Indoor Units 32 (60%)	14	29.62	1.56	31.46	1.62	33.30	1.68	34.63	1.70	36.98	1.73	38.82	1.77
	20	29.60	1.59	31.44	1.64	33.28	1.70	34.61	1.72	36.96	1.76	38.79	1.79
	25	29.58	1.61	31.42	1.67	33.25	1.73	34.58	1.75	36.93	1.78	38.76	1.82
	30	29.56	1.63	31.39	1.69	33.23	1.75	34.55	1.77	36.90	1.81	38.73	1.84
	35	29.53	1.65	31.37	1.71	33.20	1.78	34.53	1.80	36.87	1.83	38.71	1.87
	40	29.51	1.68	31.34	1.74	33.18	1.80	34.50	1.82	36.84	1.86	38.68	1.89
	45	29.49	1.70	31.32	1.76	33.15	1.83	34.47	1.85	36.81	1.88	38.65	1.92
	50	29.47	1.72	31.30	1.78	33.13	1.85	34.45	1.87	36.79	1.91	38.62	1.94
	55	29.44	1.74	31.27	1.81	33.10	1.87	34.42	1.90	36.76	1.93	38.59	1.97
	60	29.42	1.77	31.25	1.83	33.08	1.90	34.40	1.92	36.73	1.96	38.56	2.00
	65	29.40	1.79	31.22	1.85	33.05	1.92	34.37	1.94	36.70	1.98	38.53	2.02
	70	29.38	1.81	31.20	1.88	33.02	1.95	34.34	1.97	36.67	2.01	38.50	2.05
	75	28.67	1.91	30.49	1.98	32.31	2.05	33.62	2.08	35.95	2.11	37.77	2.16
	80	27.96	2.01	29.78	2.08	31.59	2.16	32.90	2.18	35.22	2.22	37.04	2.27
	85	27.26	2.10	29.07	2.18	30.88	2.26	32.19	2.29	34.51	2.33	36.32	2.38
	90	26.56	2.20	28.37	2.28	30.17	2.37	31.48	2.39	33.79	2.44	35.59	2.49
	95	25.80	2.30	27.60	2.38	29.40	2.47	**30.22**	**2.50**	32.99	2.55	34.79	2.60
	100	25.17	2.40	26.97	2.49	28.77	2.58	29.83	2.61	32.36	2.66	34.16	2.71
	105	24.54	2.50	26.34	2.59	28.14	2.68	29.44	2.71	31.73	2.76	33.53	2.82
	110	23.92	2.59	25.71	2.69	27.51	2.79	28.81	2.82	31.11	2.87	32.90	2.93
	115	23.29	2.69	25.08	2.79	26.88	2.89	28.18	2.92	30.48	2.98	32.27	3.04
	118	22.91	2.75	24.71	2.85	26.51	2.95	27.80	2.99	30.10	3.04	31.90	3.11
	122	22.78	2.83	24.58	2.93	26.38	3.04	27.68	3.07	29.97	3.13	31.77	3.19

TC = Total Capacity (kBtu/h).

PI = Power Input (kW).

Nominal capacity as rated: 0 ft. above sea level with Piping Length as Main Pipe (16.4 ft.) + Branch pipe (98.4 ft.) = 115 ft.
0 ft. level difference between outdoor and indoor units.

Nominal cooling capacity rating obtained with air entering the indoor unit at 80°F dry bulb (DB) and 67°F wet bulb (WB), and outdoor ambient conditions of 95°F dry bulb (DB) and 75°F wet bulb (WB).

The shaded table columns and rows indicate reference data. When operating at this temperature, these values can be different if the system is not running consistently.

Due to our policy of continuous product innovation, some specifications may change without notification.
©LG Electronics U.S.A., Inc., Englewood Cliffs, NJ. All rights reserved. "LG" is a registered trademark of LG Corp.

PERFORMANCE DATA

Cooling Capacity Tables

Table 133: LMU540HV Cooling Capacity Table — Ducted Indoor Units (continued).

Combination Capacity Index (kBtu/h[%])	Outdoor Air Temp. (°F DB)	Indoor Air Temp. °F DB / °F WB											
		68 / 57		73 / 61		77 / 64		80 / 67		86 / 72		90 / 75	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
Ducted Indoor Units 27 (50%)	14	25.00	1.20	26.55	1.24	28.10	1.28	29.22	1.30	31.21	1.32	32.76	1.35
	20	24.98	1.21	26.53	1.26	28.08	1.30	29.20	1.32	31.18	1.34	32.73	1.37
	25	24.96	1.23	26.51	1.27	28.06	1.32	29.18	1.34	31.16	1.36	32.71	1.39
	30	24.94	1.25	26.49	1.29	28.04	1.34	29.16	1.35	31.14	1.38	32.68	1.41
	35	24.92	1.26	26.47	1.31	28.02	1.36	29.13	1.37	31.11	1.40	32.66	1.43
	40	24.90	1.28	26.45	1.33	28.00	1.38	29.11	1.39	31.09	1.42	32.63	1.45
	45	24.88	1.30	26.43	1.35	27.97	1.39	29.09	1.41	31.06	1.44	32.61	1.47
	50	24.86	1.32	26.41	1.36	27.95	1.41	29.07	1.43	31.04	1.46	32.58	1.49
	55	24.85	1.33	26.39	1.38	27.93	1.43	29.05	1.45	31.02	1.48	32.56	1.51
	60	24.83	1.35	26.37	1.40	27.91	1.45	29.02	1.47	30.99	1.49	32.54	1.52
	65	24.81	1.37	26.35	1.42	27.89	1.47	29.00	1.49	30.97	1.51	32.51	1.54
	70	24.79	1.38	26.33	1.43	27.87	1.49	28.98	1.50	30.95	1.53	32.49	1.56
	75	24.19	1.46	25.73	1.51	27.26	1.57	28.37	1.59	30.33	1.62	31.87	1.65
	80	23.59	1.53	25.13	1.59	26.66	1.65	27.76	1.67	29.72	1.70	31.25	1.73
	85	23.00	1.61	24.53	1.67	26.06	1.73	27.16	1.75	29.12	1.78	30.64	1.82
	90	22.41	1.68	23.94	1.74	25.46	1.81	26.56	1.83	28.51	1.86	30.03	1.90
	95	21.77	1.76	23.29	1.82	24.80	1.89	**25.50**	**1.91**	27.84	1.95	29.35	1.98
	100	21.24	1.83	22.76	1.90	24.27	1.97	25.17	1.99	27.31	2.03	28.82	2.07
	105	20.71	1.91	22.23	1.98	23.74	2.05	24.84	2.07	26.78	2.11	28.29	2.15
	110	20.18	1.98	21.70	2.05	23.21	2.13	24.31	2.15	26.25	2.19	27.76	2.24
	115	19.65	2.06	21.17	2.13	22.68	2.21	23.78	2.23	25.72	2.28	27.23	2.32
	118	19.33	2.10	20.85	2.18	22.37	2.26	23.46	2.28	25.40	2.33	26.92	2.37
	122	19.23	2.16	20.74	2.24	22.26	2.32	23.35	2.35	25.29	2.39	26.81	2.44
Ducted Indoor Units 24 (40%)	14	22.22	0.97	23.60	1.01	24.98	1.04	25.98	1.05	27.74	1.07	29.12	1.10
	20	22.21	0.98	23.59	1.02	24.96	1.06	25.96	1.07	27.72	1.09	29.10	1.11
	25	22.19	1.00	23.57	1.03	24.95	1.07	25.94	1.08	27.70	1.10	29.08	1.13
	30	22.17	1.01	23.55	1.05	24.93	1.09	25.92	1.10	27.68	1.12	29.06	1.14
	35	22.16	1.03	23.53	1.06	24.91	1.10	25.90	1.11	27.66	1.14	29.04	1.16
	40	22.14	1.04	23.51	1.08	24.89	1.12	25.88	1.13	27.64	1.15	29.01	1.17
	45	22.12	1.05	23.50	1.09	24.87	1.13	25.86	1.14	27.62	1.17	28.99	1.19
	50	22.10	1.07	23.48	1.11	24.85	1.15	25.84	1.16	27.60	1.18	28.97	1.21
	55	22.09	1.08	23.46	1.12	24.83	1.16	25.82	1.18	27.57	1.20	28.95	1.22
	60	22.07	1.10	23.44	1.14	24.81	1.18	25.80	1.19	27.55	1.21	28.92	1.24
	65	22.05	1.11	23.42	1.15	24.79	1.19	25.78	1.21	27.53	1.23	28.90	1.25
	70	22.04	1.12	23.41	1.16	24.77	1.21	25.76	1.22	27.51	1.24	28.88	1.27
	75	21.51	1.18	22.87	1.23	24.24	1.27	25.22	1.29	26.97	1.31	28.33	1.34
	80	20.98	1.24	22.34	1.29	23.70	1.34	24.68	1.35	26.42	1.38	27.79	1.41
	85	20.45	1.31	21.81	1.35	23.17	1.40	24.15	1.42	25.88	1.44	27.24	1.47
	90	19.93	1.37	21.28	1.42	22.64	1.47	23.61	1.48	25.35	1.51	26.70	1.54
	95	19.35	1.43	20.70	1.48	22.05	1.53	**22.67**	**1.55**	24.75	1.58	26.10	1.61
	100	18.88	1.49	20.23	1.54	21.58	1.60	22.38	1.62	24.28	1.65	25.63	1.68
	105	18.41	1.55	19.76	1.60	21.11	1.66	22.08	1.68	23.81	1.71	25.15	1.75
	110	17.94	1.61	19.29	1.67	20.64	1.73	21.61	1.75	23.33	1.78	24.68	1.82
	115	17.47	1.67	18.82	1.73	20.17	1.79	21.14	1.81	22.86	1.85	24.21	1.88
	118	17.19	1.71	18.53	1.77	19.88	1.83	20.86	1.85	22.58	1.89	23.93	1.93
	122	17.09	1.75	18.44	1.82	19.79	1.88	20.76	1.91	22.49	1.94	23.83	1.98

TC = Total Capacity (kBtu/h).

PI = Power Input (kW).

Nominal capacity as rated: 0 ft. above sea level with Piping Length as Main Pipe (16.4 ft.) + Branch pipe (98.4 ft.) = 115 ft.
0 ft. level difference between outdoor and indoor units.

Nominal cooling capacity rating obtained with air entering the indoor unit at 80°F dry bulb (DB) and 67°F wet bulb (WB), and outdoor ambient conditions of 95°F dry bulb (DB) and 75°F wet bulb (WB).

The shaded table columns and rows indicate reference data. When operating at this temperature, these values can be different if the system is not running consistently.

Due to our policy of continuous product innovation, some specifications may change without notification.
©LG Electronics U.S.A., Inc., Englewood Cliffs, NJ. All rights reserved. "LG" is a registered trademark of LG Corp.

PERFORMANCE DATA

Cooling Capacity Tables

Table 134: LMU540HV Cooling Capacity Table — Mixed Indoor Units.

Combination Capacity Index (kBtu/h[%])	Outdoor Air Temp. (°F DB)	Indoor Air Temp. °F DB / °F WB											
		68 / 57		73 / 61		77 / 64		80 / 67		86 / 72		90 / 75	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
Mixed Indoor Units 73 (135%)	14	53.78	3.55	57.12	3.68	60.46	3.82	62.87	3.86	67.14	3.94	70.48	4.01
	20	53.74	3.61	57.08	3.74	60.41	3.87	62.82	3.92	67.09	3.99	70.43	4.07
	25	53.70	3.66	57.03	3.79	60.37	3.93	62.78	3.97	67.04	4.05	70.37	4.13
	30	53.66	3.71	56.99	3.84	60.32	3.98	62.73	4.03	66.99	4.10	70.32	4.19
	35	53.62	3.76	56.94	3.90	60.27	4.04	62.68	4.08	66.93	4.16	70.26	4.25
	40	53.57	3.81	56.90	3.95	60.23	4.09	62.63	4.14	66.88	4.22	70.21	4.30
	45	53.53	3.86	56.86	4.00	60.18	4.15	62.58	4.20	66.83	4.27	70.16	4.36
	50	53.49	3.91	56.81	4.05	60.14	4.20	62.54	4.25	66.78	4.33	70.10	4.42
	55	53.45	3.96	56.77	4.11	60.09	4.26	62.49	4.31	66.73	4.39	70.05	4.48
	60	53.41	4.01	56.73	4.16	60.04	4.31	62.44	4.36	66.68	4.44	69.99	4.53
	65	53.37	4.07	56.68	4.21	60.00	4.37	62.39	4.42	66.63	4.50	69.94	4.59
	70	53.33	4.12	56.64	4.27	59.95	4.42	62.34	4.47	66.58	4.56	69.89	4.65
	75	52.04	4.34	55.35	4.50	58.65	4.66	61.04	4.71	65.26	4.80	68.56	4.90
	80	50.76	4.56	54.06	4.73	57.35	4.90	59.73	4.96	63.94	5.05	67.24	5.15
	85	49.49	4.78	52.78	4.96	56.06	5.14	58.44	5.20	62.64	5.29	65.93	5.40
	90	48.22	5.00	51.50	5.19	54.78	5.38	57.14	5.44	61.33	5.54	64.61	5.65
	95	46.84	5.23	50.10	5.42	53.36	5.62	**54.86**	**5.68**	59.89	5.79	63.15	5.90
	100	45.70	5.45	48.96	5.65	52.22	5.85	54.15	5.92	58.75	6.03	62.01	6.15
	105	44.56	5.67	47.82	5.88	51.08	6.09	53.44	6.16	57.61	6.28	60.87	6.40
	110	43.42	5.89	46.68	6.11	49.94	6.33	52.30	6.40	56.47	6.52	59.73	6.66
	115	42.27	6.11	45.54	6.34	48.80	6.57	51.16	6.65	55.33	6.77	58.59	6.91
	118	41.59	6.25	44.85	6.48	48.12	6.71	50.47	6.79	54.64	6.92	57.91	7.06
	122	41.36	6.43	44.63	6.66	47.89	6.90	50.24	6.98	54.41	7.11	57.68	7.26
Mixed Indoor Units 70 (130%)	14	53.30	3.50	56.61	3.63	59.92	3.76	62.31	3.80	66.54	3.87	69.85	3.95
	20	53.26	3.55	56.57	3.68	59.87	3.81	62.26	3.86	66.49	3.93	69.80	4.01
	25	53.22	3.60	56.52	3.73	59.83	3.87	62.21	3.91	66.44	3.98	69.74	4.06
	30	53.18	3.65	56.48	3.78	59.78	3.92	62.17	3.97	66.39	4.04	69.69	4.12
	35	53.14	3.70	56.44	3.83	59.74	3.97	62.12	4.02	66.34	4.10	69.64	4.18
	40	53.10	3.75	56.39	3.89	59.69	4.03	62.07	4.07	66.29	4.15	69.58	4.23
	45	53.05	3.80	56.35	3.94	59.64	4.08	62.02	4.13	66.23	4.21	69.53	4.29
	50	53.01	3.85	56.31	3.99	59.60	4.14	61.98	4.18	66.18	4.26	69.48	4.35
	55	52.97	3.90	56.26	4.04	59.55	4.19	61.93	4.24	66.13	4.32	69.42	4.40
	60	52.93	3.95	56.22	4.09	59.51	4.24	61.88	4.29	66.08	4.37	69.37	4.46
	65	52.89	4.00	56.18	4.15	59.46	4.30	61.83	4.35	66.03	4.43	69.32	4.52
	70	52.85	4.05	56.13	4.20	59.42	4.35	61.79	4.40	65.98	4.48	69.26	4.58
	75	51.58	4.27	54.85	4.43	58.13	4.59	60.49	4.64	64.68	4.73	67.95	4.82
	80	50.31	4.49	53.57	4.65	56.84	4.82	59.20	4.88	63.37	4.97	66.64	5.07
	85	49.05	4.71	52.31	4.88	55.56	5.06	57.92	5.11	62.08	5.21	65.34	5.32
	90	47.79	4.93	51.04	5.11	54.29	5.29	56.63	5.35	60.79	5.45	64.04	5.56
	95	46.42	5.14	49.65	5.33	52.89	5.53	**54.37**	**5.59**	59.35	5.69	62.59	5.81
	100	45.29	5.36	48.52	5.56	51.76	5.76	53.67	5.83	58.22	5.94	61.46	6.06
	105	44.16	5.58	47.39	5.78	50.63	6.00	52.96	6.07	57.09	6.18	60.33	6.30
	110	43.03	5.80	46.26	6.01	49.50	6.23	51.83	6.30	55.96	6.42	59.20	6.55
	115	41.90	6.02	45.13	6.24	48.36	6.47	50.70	6.54	54.83	6.66	58.07	6.80
	118	41.22	6.15	44.45	6.37	47.69	6.61	50.02	6.68	54.15	6.81	57.39	6.94
	122	40.99	6.32	44.23	6.55	47.46	6.79	49.80	6.87	53.93	7.00	57.16	7.14

TC = Total Capacity (kBtu/h).

PI = Power Input (kW).

Nominal capacity as rated: 0 ft. above sea level with Piping Length as Main Pipe (16.4 ft.) + Branch pipe (98.4 ft.) = 115 ft.
0 ft. level difference between outdoor and indoor units.

Nominal cooling capacity rating obtained with air entering the indoor unit at 80°F dry bulb (DB) and 67°F wet bulb (WB), and outdoor ambient conditions of 95°F dry bulb (DB) and 75°F wet bulb (WB).

The shaded table columns and rows indicate reference data. When operating at this temperature, these values can be different if the system is not running consistently.

Due to our policy of continuous product innovation, some specifications may change without notification.
©LG Electronics U.S.A., Inc., Englewood Cliffs, NJ. All rights reserved. "LG" is a registered trademark of LG Corp.

PERFORMANCE DATA

Cooling Capacity Tables

Table 135: LMU540HV Cooling Capacity Table — Mixed Indoor Units (continued).

Combination Capacity Index (kBtu/h[%])	Outdoor Air Temp. (°F DB)	Indoor Air Temp. °F DB / °F WB											
		68 / 57		73 / 61		77 / 64		80 / 67		86 / 72		90 / 75	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
Mixed Indoor Units 65 (120%)	14	52.49	3.40	55.76	3.53	59.02	3.66	61.37	3.70	65.54	3.77	68.80	3.84
	20	52.45	3.45	55.71	3.58	58.97	3.71	61.32	3.75	65.49	3.82	68.74	3.90
	25	52.41	3.50	55.67	3.63	58.93	3.76	61.28	3.81	65.44	3.88	68.69	3.96
	30	52.37	3.55	55.63	3.68	58.88	3.82	61.23	3.86	65.39	3.93	68.64	4.01
	35	52.33	3.60	55.58	3.73	58.84	3.87	61.18	3.91	65.34	3.99	68.59	4.07
	40	52.29	3.65	55.54	3.78	58.79	3.92	61.14	3.97	65.29	4.04	68.53	4.12
	45	52.25	3.70	55.50	3.83	58.75	3.97	61.09	4.02	65.24	4.09	68.48	4.18
	50	52.21	3.75	55.46	3.88	58.70	4.03	61.04	4.07	65.19	4.15	68.43	4.23
	55	52.17	3.80	55.41	3.93	58.66	4.08	61.00	4.12	65.14	4.20	68.38	4.29
	60	52.13	3.84	55.37	3.98	58.61	4.13	60.95	4.18	65.09	4.26	68.32	4.34
	65	52.09	3.89	55.33	4.04	58.57	4.18	60.90	4.23	65.04	4.31	68.27	4.40
	70	52.05	3.94	55.29	4.09	58.52	4.24	60.85	4.28	64.99	4.36	68.22	4.45
	75	50.80	4.16	54.03	4.31	57.25	4.46	59.58	4.52	63.70	4.60	66.93	4.69
	80	49.55	4.37	52.77	4.53	55.98	4.69	58.31	4.75	62.42	4.84	65.63	4.93
	85	48.31	4.58	51.52	4.75	54.73	4.92	57.04	4.98	61.14	5.07	64.35	5.17
	90	47.07	4.79	50.27	4.97	53.47	5.15	55.78	5.21	59.87	5.31	63.07	5.41
	95	45.72	5.01	48.90	5.19	52.09	5.38	**53.55**	**5.44**	58.46	5.54	61.64	5.65
	100	44.61	5.22	47.79	5.41	50.98	5.61	52.86	5.67	57.35	5.78	60.53	5.89
	105	43.49	5.43	46.68	5.63	49.86	5.84	52.16	5.90	56.23	6.01	59.42	6.13
	110	42.38	5.64	45.56	5.85	48.75	6.06	51.05	6.13	55.12	6.25	58.30	6.37
	115	41.27	5.86	44.45	6.07	47.64	6.29	49.94	6.36	54.01	6.48	57.19	6.61
	118	40.60	5.98	43.78	6.20	46.97	6.43	49.27	6.50	53.34	6.63	56.52	6.76
	122	40.37	6.15	43.56	6.38	46.74	6.61	49.05	6.69	53.11	6.81	56.30	6.95
Mixed Indoor Units 59 (110%)	14	51.53	3.29	54.73	3.41	57.94	3.53	60.25	3.57	64.34	3.64	67.54	3.71
	20	51.49	3.33	54.69	3.45	57.89	3.58	60.20	3.62	64.29	3.69	67.49	3.76
	25	51.46	3.38	54.65	3.50	57.85	3.63	60.15	3.67	64.24	3.74	67.43	3.82
	30	51.42	3.43	54.61	3.55	57.80	3.68	60.11	3.72	64.19	3.79	67.38	3.87
	35	51.38	3.47	54.57	3.60	57.76	3.73	60.06	3.78	64.14	3.85	67.33	3.92
	40	51.34	3.52	54.53	3.65	57.71	3.78	60.02	3.83	64.09	3.90	67.28	3.98
	45	51.30	3.57	54.48	3.70	57.67	3.83	59.97	3.88	64.04	3.95	67.23	4.03
	50	51.26	3.62	54.44	3.75	57.63	3.88	59.93	3.93	63.99	4.00	67.18	4.08
	55	51.22	3.66	54.40	3.80	57.58	3.94	59.88	3.98	63.94	4.06	67.12	4.14
	60	51.18	3.71	54.36	3.85	57.54	3.99	59.83	4.03	63.89	4.11	67.07	4.19
	65	51.14	3.76	54.32	3.89	57.49	4.04	59.79	4.08	63.85	4.16	67.02	4.24
	70	51.10	3.80	54.28	3.94	57.45	4.09	59.74	4.13	63.80	4.21	66.97	4.30
	75	49.87	4.01	53.04	4.16	56.20	4.31	58.49	4.36	62.54	4.44	65.70	4.53
	80	48.64	4.22	51.80	4.37	54.96	4.53	57.24	4.58	61.27	4.67	64.43	4.76
	85	47.42	4.42	50.57	4.58	53.72	4.75	56.00	4.80	60.02	4.89	63.17	4.99
	90	46.20	4.63	49.35	4.79	52.49	4.97	54.76	5.03	58.77	5.12	61.92	5.22
	95	44.88	4.83	48.01	5.01	51.14	5.19	**52.57**	**5.25**	57.39	5.35	60.52	5.46
	100	43.79	5.04	46.92	5.22	50.04	5.41	51.89	5.47	56.30	5.58	59.42	5.69
	105	42.70	5.24	45.82	5.43	48.95	5.63	51.21	5.70	55.20	5.80	58.33	5.92
	110	41.60	5.45	44.73	5.65	47.86	5.85	50.11	5.92	54.11	6.03	57.24	6.15
	115	40.51	5.65	43.64	5.86	46.76	6.07	49.02	6.14	53.02	6.26	56.14	6.38
	118	39.85	5.78	42.98	5.99	46.11	6.20	48.37	6.28	52.36	6.39	55.49	6.52
	122	39.64	5.94	42.76	6.16	45.89	6.38	48.15	6.45	52.14	6.58	55.27	6.71

TC = Total Capacity (kBtu/h).

PI = Power Input (kW).

Nominal capacity as rated: 0 ft. above sea level with Piping Length as Main Pipe (16.4 ft.) + Branch pipe (98.4 ft.) = 115 ft.
0 ft. level difference between outdoor and indoor units.

Nominal cooling capacity rating obtained with air entering the indoor unit at 80ºF dry bulb (DB) and 67ºF wet bulb (WB), and outdoor ambient conditions of 95ºF dry bulb (DB) and 75ºF wet bulb (WB).

The shaded table columns and rows indicate reference data. When operating at this temperature, these values can be different if the system is not running consistently.

Due to our policy of continuous product innovation, some specifications may change without notification.
©LG Electronics U.S.A., Inc., Englewood Cliffs, NJ. All rights reserved. "LG" is a registered trademark of LG Corp.

PERFORMANCE DATA

Cooling Capacity Tables

Table 136: LMU540HV Cooling Capacity Table — Mixed Indoor Units (continued).

Combination Capacity Index (kBtu/h[%])	Outdoor Air Temp. (°F DB)	Indoor Air Temp. °F DB / °F WB											
		68 / 57		73 / 61		77 / 64		80 / 67		86 / 72		90 / 75	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
Mixed Indoor Units 54 (100%)	14	50.73	3.19	53.88	3.31	57.03	3.43	59.31	3.47	63.33	3.53	66.48	3.60
	20	50.69	3.24	53.84	3.36	56.99	3.48	59.26	3.52	63.28	3.58	66.43	3.66
	25	50.65	3.28	53.80	3.40	56.94	3.53	59.22	3.57	63.24	3.63	66.38	3.71
	30	50.61	3.33	53.76	3.45	56.90	3.58	59.17	3.62	63.19	3.69	66.33	3.76
	35	50.58	3.38	53.72	3.50	56.86	3.63	59.13	3.67	63.14	3.74	66.28	3.81
	40	50.54	3.42	53.68	3.55	56.81	3.68	59.08	3.72	63.09	3.79	66.23	3.86
	45	50.50	3.47	53.63	3.59	56.77	3.72	59.04	3.77	63.04	3.84	66.18	3.92
	50	50.46	3.51	53.59	3.64	56.73	3.77	58.99	3.82	62.99	3.89	66.13	3.97
	55	50.42	3.56	53.55	3.69	56.68	3.82	58.95	3.87	62.95	3.94	66.08	4.02
	60	50.38	3.60	53.51	3.74	56.64	3.87	58.90	3.92	62.90	3.99	66.03	4.07
	65	50.34	3.65	53.47	3.78	56.60	3.92	58.85	3.97	62.85	4.04	65.98	4.12
	70	50.30	3.70	53.43	3.83	56.55	3.97	58.81	4.02	62.80	4.09	65.93	4.17
	75	49.09	3.90	52.21	4.04	55.33	4.19	57.58	4.23	61.56	4.31	64.68	4.40
	80	47.88	4.09	50.99	4.24	54.10	4.40	56.35	4.45	60.32	4.53	63.43	4.62
	85	46.68	4.29	49.78	4.45	52.89	4.61	55.13	4.67	59.09	4.75	62.19	4.85
	90	45.48	4.49	48.58	4.66	51.67	4.83	53.90	4.88	57.86	4.97	60.95	5.07
	95	44.18	4.69	47.26	4.86	50.34	5.04	**51.75**	**5.10**	56.49	5.20	59.57	5.30
	100	43.11	4.89	46.18	5.07	49.26	5.26	51.08	5.32	55.42	5.42	58.50	5.53
	105	42.03	5.09	45.11	5.28	48.19	5.47	50.41	5.53	54.34	5.64	57.42	5.75
	110	40.95	5.29	44.03	5.48	47.11	5.68	49.33	5.75	53.27	5.86	56.34	5.98
	115	39.88	5.49	42.96	5.69	46.03	5.90	48.26	5.97	52.19	6.08	55.27	6.20
	118	39.23	5.61	42.31	5.82	45.39	6.03	47.61	6.10	51.54	6.21	54.62	6.34
	122	39.02	5.77	42.10	5.98	45.17	6.20	47.40	6.27	51.33	6.39	54.41	6.52
Mixed Indoor Units 49 (90%)	14	46.03	2.82	48.89	2.93	51.75	3.03	53.82	3.07	57.47	3.12	60.33	3.19
	20	46.00	2.86	48.86	2.97	51.71	3.08	53.78	3.11	57.43	3.17	60.28	3.23
	25	45.96	2.90	48.82	3.01	51.67	3.12	53.74	3.16	57.38	3.21	60.24	3.28
	30	45.93	2.94	48.78	3.05	51.63	3.16	53.69	3.20	57.34	3.26	60.19	3.32
	35	45.89	2.98	48.74	3.09	51.59	3.21	53.65	3.24	57.30	3.30	60.15	3.37
	40	45.86	3.03	48.71	3.14	51.56	3.25	53.61	3.29	57.25	3.35	60.10	3.42
	45	45.82	3.07	48.67	3.18	51.52	3.29	53.57	3.33	57.21	3.39	60.05	3.46
	50	45.79	3.11	48.63	3.22	51.48	3.34	53.53	3.38	57.16	3.44	60.01	3.51
	55	45.75	3.15	48.60	3.26	51.44	3.38	53.49	3.42	57.12	3.48	59.96	3.55
	60	45.72	3.19	48.56	3.30	51.40	3.42	53.45	3.46	57.08	3.53	59.92	3.60
	65	45.68	3.23	48.52	3.35	51.36	3.47	53.41	3.51	57.03	3.57	59.87	3.65
	70	45.65	3.27	48.48	3.39	51.32	3.51	53.37	3.55	56.99	3.62	59.82	3.69
	75	44.55	3.44	47.38	3.57	50.21	3.70	52.25	3.74	55.86	3.81	58.69	3.89
	80	43.45	3.62	46.27	3.75	49.09	3.89	51.13	3.94	54.74	4.01	57.56	4.09
	85	42.36	3.80	45.18	3.94	47.99	4.08	50.02	4.13	53.62	4.20	56.43	4.29
	90	41.27	3.97	44.08	4.12	46.89	4.27	48.92	4.32	52.50	4.40	55.31	4.49
	95	40.09	4.15	42.89	4.30	45.68	4.46	**46.96**	**4.51**	51.26	4.59	54.06	4.69
	100	39.12	4.33	41.91	4.48	44.70	4.65	46.35	4.70	50.29	4.79	53.08	4.89
	105	38.14	4.50	40.93	4.67	43.73	4.84	45.74	4.89	49.31	4.98	52.11	5.09
	110	37.16	4.68	39.96	4.85	42.75	5.03	44.77	5.08	48.34	5.18	51.13	5.28
	115	36.19	4.86	38.98	5.03	41.77	5.22	43.79	5.28	47.36	5.38	50.15	5.48
	118	35.60	4.96	38.39	5.14	41.19	5.33	43.20	5.39	46.77	5.49	49.57	5.60
	122	35.41	5.10	38.20	5.29	40.99	5.48	43.01	5.54	46.58	5.65	49.37	5.76

TC = Total Capacity (kBtu/h).

PI = Power Input (kW).

Nominal capacity as rated: 0 ft. above sea level with Piping Length as Main Pipe (16.4 ft.) + Branch pipe (98.4 ft.) = 115 ft.
0 ft. level difference between outdoor and indoor units.

Nominal cooling capacity rating obtained with air entering the indoor unit at 80°F dry bulb (DB) and 67°F wet bulb (WB), and outdoor ambient conditions of 95°F dry bulb (DB) and 75°F wet bulb (WB).

The shaded table columns and rows indicate reference data. When operating at this temperature, these values can be different if the system is not running consistently.

Due to our policy of continuous product innovation, some specifications may change without notification.
©LG Electronics U.S.A., Inc., Englewood Cliffs, NJ. All rights reserved. "LG" is a registered trademark of LG Corp.

PERFORMANCE DATA

Cooling Capacity Tables

Table 137: LMU540HV Cooling Capacity Table — Mixed Indoor Units (continued).

Combination Capacity Index (kBtu/h[%])	Outdoor Air Temp. (°F DB)	Indoor Air Temp. °F DB / °F WB											
		68 / 57		73 / 61		77 / 64		80 / 67		86 / 72		90 / 75	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
Mixed Indoor Units 43 (80%)	14	40.40	2.38	42.91	2.46	45.42	2.55	47.23	2.58	50.43	2.63	52.94	2.69
	20	40.37	2.41	42.87	2.50	45.38	2.59	47.19	2.62	50.40	2.67	52.90	2.72
	25	40.34	2.45	42.84	2.54	45.35	2.63	47.16	2.66	50.36	2.71	52.86	2.76
	30	40.31	2.48	42.81	2.57	45.31	2.66	47.12	2.70	50.32	2.75	52.82	2.80
	35	40.27	2.51	42.78	2.61	45.28	2.70	47.08	2.73	50.28	2.78	52.78	2.84
	40	40.24	2.55	42.74	2.64	45.24	2.74	47.05	2.77	50.24	2.82	52.74	2.88
	45	40.21	2.58	42.71	2.68	45.21	2.78	47.01	2.81	50.20	2.86	52.70	2.92
	50	40.18	2.62	42.68	2.71	45.17	2.81	46.98	2.84	50.16	2.90	52.66	2.96
	55	40.15	2.65	42.65	2.75	45.14	2.85	46.94	2.88	50.13	2.94	52.62	2.99
	60	40.12	2.69	42.61	2.78	45.10	2.89	46.90	2.92	50.09	2.97	52.58	3.03
	65	40.09	2.72	42.58	2.82	45.07	2.92	46.87	2.96	50.05	3.01	52.54	3.07
	70	40.06	2.75	42.55	2.85	45.03	2.96	46.83	2.99	50.01	3.05	52.50	3.11
	75	39.10	2.90	41.58	3.01	44.06	3.12	45.85	3.15	49.02	3.21	51.50	3.28
	80	38.13	3.05	40.61	3.16	43.08	3.28	44.87	3.32	48.03	3.38	50.51	3.45
	85	37.18	3.20	39.65	3.32	42.11	3.44	43.90	3.48	47.05	3.54	49.52	3.61
	90	36.22	3.35	38.68	3.47	41.15	3.60	42.93	3.64	46.07	3.71	48.54	3.78
	95	35.18	3.50	37.63	3.62	40.09	3.76	**41.21**	**3.80**	44.99	3.87	47.44	3.95
	100	34.33	3.65	36.78	3.78	39.23	3.92	40.68	3.96	44.13	4.04	46.58	4.12
	105	33.47	3.79	35.92	3.93	38.37	4.08	40.14	4.12	43.27	4.20	45.73	4.28
	110	32.61	3.94	35.06	4.09	37.52	4.24	39.29	4.28	42.42	4.36	44.87	4.45
	115	31.76	4.09	34.21	4.24	36.66	4.40	38.43	4.45	41.56	4.53	44.01	4.62
	118	31.24	4.18	33.69	4.33	36.14	4.49	37.91	4.54	41.05	4.63	43.50	4.72
	122	31.07	4.30	33.52	4.46	35.97	4.62	37.74	4.67	40.88	4.76	43.33	4.86
Mixed Indoor Units 38 (70%)	14	35.70	2.01	37.92	2.08	40.14	2.16	41.74	2.18	44.57	2.22	46.79	2.27
	20	35.68	2.04	37.89	2.11	40.11	2.19	41.71	2.21	44.54	2.26	46.75	2.30
	25	35.65	2.07	37.86	2.14	40.08	2.22	41.67	2.25	44.50	2.29	46.72	2.33
	30	35.62	2.10	37.83	2.17	40.05	2.25	41.64	2.28	44.47	2.32	46.68	2.37
	35	35.59	2.12	37.80	2.20	40.01	2.28	41.61	2.31	44.44	2.35	46.65	2.40
	40	35.57	2.15	37.78	2.23	39.98	2.31	41.58	2.34	44.40	2.38	46.61	2.43
	45	35.54	2.18	37.75	2.26	39.95	2.34	41.55	2.37	44.37	2.42	46.57	2.46
	50	35.51	2.21	37.72	2.29	39.92	2.38	41.52	2.40	44.33	2.45	46.54	2.50
	55	35.48	2.24	37.69	2.32	39.89	2.41	41.48	2.43	44.30	2.48	46.50	2.53
	60	35.46	2.27	37.66	2.35	39.86	2.44	41.45	2.47	44.27	2.51	46.47	2.56
	65	35.43	2.30	37.63	2.38	39.83	2.47	41.42	2.50	44.23	2.54	46.43	2.59
	70	35.40	2.33	37.60	2.41	39.80	2.50	41.39	2.53	44.20	2.58	46.40	2.63
	75	34.55	2.45	36.74	2.54	38.94	2.63	40.52	2.66	43.32	2.71	45.52	2.77
	80	33.70	2.58	35.89	2.67	38.07	2.77	39.65	2.80	42.45	2.85	44.64	2.91
	85	32.85	2.70	35.04	2.80	37.22	2.90	38.80	2.94	41.58	2.99	43.77	3.05
	90	32.01	2.83	34.19	2.93	36.36	3.04	37.94	3.07	40.72	3.13	42.90	3.19
	95	31.09	2.95	33.26	3.06	35.43	3.17	**36.42**	**3.21**	39.76	3.27	41.92	3.34
	100	30.34	3.08	32.50	3.19	34.67	3.31	35.95	3.35	39.00	3.41	41.17	3.48
	105	29.58	3.20	31.75	3.32	33.91	3.44	35.48	3.48	38.24	3.55	40.41	3.62
	110	28.82	3.33	30.99	3.45	33.15	3.58	34.72	3.62	37.49	3.69	39.65	3.76
	115	28.07	3.46	30.23	3.58	32.40	3.71	33.96	3.76	36.73	3.83	38.90	3.90
	118	27.61	3.53	29.78	3.66	31.94	3.79	33.51	3.84	36.28	3.91	38.44	3.99
	122	27.46	3.63	29.63	3.76	31.79	3.90	33.36	3.95	36.12	4.02	38.29	4.10

TC = Total Capacity (kBtu/h).

PI = Power Input (kW).

Nominal capacity as rated: 0 ft. above sea level with Piping Length as Main Pipe (16.4 ft.) + Branch pipe (98.4 ft.) = 115 ft.
0 ft. level difference between outdoor and indoor units.

Nominal cooling capacity rating obtained with air entering the indoor unit at 80ºF dry bulb (DB) and 67ºF wet bulb (WB), and outdoor ambient conditions of 95ºF dry bulb (DB) and 75ºF wet bulb (WB).

The shaded table columns and rows indicate reference data. When operating at this temperature, these values can be different if the system is not running consistently.

Due to our policy of continuous product innovation, some specifications may change without notification.
©LG Electronics U.S.A., Inc., Englewood Cliffs, NJ. All rights reserved. "LG" is a registered trademark of LG Corp.

Table 138: LMU540HV Cooling Capacity Table — Mixed Indoor Units (continued).

Combination Capacity Index (kBtu/h[%])	Outdoor Air Temp. (°F DB)	Indoor Air Temp. °F DB / °F WB											
		68 / 57		73 / 61		77 / 64		80 / 67		86 / 72		90 / 75	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
Mixed Indoor Units 32 (60%)	14	30.07	1.56	31.93	1.62	33.80	1.68	35.15	1.70	37.53	1.73	39.40	1.77
	20	30.04	1.59	31.91	1.64	33.77	1.70	35.12	1.72	37.51	1.76	39.37	1.79
	25	30.02	1.61	31.88	1.67	33.75	1.73	35.10	1.75	37.48	1.78	39.34	1.82
	30	30.00	1.63	31.86	1.69	33.72	1.75	35.07	1.77	37.45	1.81	39.31	1.84
	35	29.97	1.65	31.84	1.71	33.70	1.78	35.04	1.80	37.42	1.83	39.28	1.87
	40	29.95	1.68	31.81	1.74	33.67	1.80	35.01	1.82	37.39	1.86	39.25	1.89
	45	29.93	1.70	31.79	1.76	33.65	1.83	34.99	1.85	37.36	1.88	39.22	1.92
	50	29.91	1.72	31.76	1.78	33.62	1.85	34.96	1.87	37.33	1.91	39.19	1.94
	55	29.88	1.74	31.74	1.81	33.59	1.87	34.93	1.90	37.31	1.93	39.16	1.97
	60	29.86	1.77	31.71	1.83	33.57	1.90	34.91	1.92	37.28	1.96	39.13	2.00
	65	29.84	1.79	31.69	1.85	33.54	1.92	34.88	1.94	37.25	1.98	39.10	2.02
	70	29.81	1.81	31.67	1.88	33.52	1.95	34.85	1.97	37.22	2.01	39.07	2.05
	75	29.10	1.91	30.94	1.98	32.79	2.05	34.12	2.08	36.48	2.11	38.33	2.16
	80	28.38	2.01	30.22	2.08	32.06	2.16	33.39	2.18	35.75	2.22	37.59	2.27
	85	27.67	2.10	29.51	2.18	31.34	2.26	32.67	2.29	35.02	2.33	36.86	2.38
	90	26.96	2.20	28.79	2.28	30.62	2.37	31.95	2.39	34.29	2.44	36.12	2.49
	95	26.18	2.30	28.01	2.38	29.83	2.47	**30.67**	**2.50**	33.48	2.55	35.31	2.60
	100	25.55	2.40	27.37	2.49	29.20	2.58	30.27	2.61	32.84	2.66	34.67	2.71
	105	24.91	2.50	26.73	2.59	28.56	2.68	29.88	2.71	32.21	2.76	34.03	2.82
	110	24.27	2.59	26.10	2.69	27.92	2.79	29.24	2.82	31.57	2.87	33.39	2.93
	115	23.63	2.69	25.46	2.79	27.28	2.89	28.60	2.92	30.93	2.98	32.76	3.04
	118	23.25	2.75	25.08	2.85	26.90	2.95	28.22	2.99	30.55	3.04	32.37	3.11
	122	23.12	2.83	24.95	2.93	26.77	3.04	28.09	3.07	30.42	3.13	32.24	3.19
Mixed Indoor Units 27 (50%)	14	25.37	1.20	26.95	1.24	28.52	1.28	29.66	1.30	31.67	1.32	33.25	1.35
	20	25.35	1.21	26.93	1.26	28.50	1.30	29.64	1.32	31.65	1.34	33.22	1.37
	25	25.33	1.23	26.90	1.27	28.48	1.32	29.61	1.34	31.62	1.36	33.20	1.39
	30	25.31	1.25	26.88	1.29	28.46	1.34	29.59	1.35	31.60	1.38	33.17	1.41
	35	25.29	1.26	26.86	1.31	28.43	1.36	29.57	1.37	31.58	1.40	33.15	1.43
	40	25.27	1.28	26.84	1.33	28.41	1.38	29.55	1.39	31.55	1.42	33.12	1.45
	45	25.25	1.30	26.82	1.35	28.39	1.39	29.52	1.41	31.53	1.44	33.10	1.47
	50	25.23	1.32	26.80	1.36	28.37	1.41	29.50	1.43	31.50	1.46	33.07	1.49
	55	25.22	1.33	26.78	1.38	28.35	1.43	29.48	1.45	31.48	1.48	33.05	1.51
	60	25.20	1.35	26.76	1.40	28.33	1.45	29.46	1.47	31.46	1.49	33.02	1.52
	65	25.18	1.37	26.74	1.42	28.30	1.47	29.43	1.49	31.43	1.51	32.99	1.54
	70	25.16	1.38	26.72	1.43	28.28	1.49	29.41	1.50	31.41	1.53	32.97	1.56
	75	24.55	1.46	26.11	1.51	27.67	1.57	28.79	1.59	30.79	1.62	32.34	1.65
	80	23.95	1.53	25.50	1.59	27.06	1.65	28.18	1.67	30.17	1.70	31.72	1.73
	85	23.35	1.61	24.90	1.67	26.45	1.73	27.57	1.75	29.55	1.78	31.10	1.82
	90	22.75	1.68	24.29	1.74	25.84	1.81	26.96	1.83	28.93	1.86	30.48	1.90
	95	22.10	1.76	23.63	1.82	25.17	1.89	**25.88**	**1.91**	28.25	1.95	29.79	1.98
	100	21.56	1.83	23.10	1.90	24.64	1.97	25.54	1.99	27.71	2.03	29.25	2.07
	105	21.02	1.91	22.56	1.98	24.10	2.05	25.21	2.07	27.18	2.11	28.72	2.15
	110	20.48	1.98	22.02	2.05	23.56	2.13	24.67	2.15	26.64	2.19	28.18	2.24
	115	19.94	2.06	21.48	2.13	23.02	2.21	24.13	2.23	26.10	2.28	27.64	2.32
	118	19.62	2.10	21.16	2.18	22.70	2.26	23.81	2.28	25.78	2.33	27.32	2.37
	122	19.51	2.16	21.05	2.24	22.59	2.32	23.70	2.35	25.67	2.39	27.21	2.44

TC = Total Capacity (kBtu/h).

PI = Power Input (kW).

Nominal capacity as rated: 0 ft. above sea level with Piping Length as Main Pipe (16.4 ft.) + Branch pipe (98.4 ft.) = 115 ft.
0 ft. level difference between outdoor and indoor units.

Nominal cooling capacity rating obtained with air entering the indoor unit at 80°F dry bulb (DB) and 67°F wet bulb (WB), and outdoor ambient conditions of 95°F dry bulb (DB) and 75°F wet bulb (WB).

The shaded table columns and rows indicate reference data. When operating at this temperature, these values can be different if the system is not running consistently.

Due to our policy of continuous product innovation, some specifications may change without notification.
©LG Electronics U.S.A., Inc., Englewood Cliffs, NJ. All rights reserved. "LG" is a registered trademark of LG Corp.

PERFORMANCE DATA

Cooling Capacity Tables

Table 139: LMU540HV Cooling Capacity Table — Mixed Indoor Units (continued).

Combination Capacity Index (kBtu/h[%])	Outdoor Air Temp. (°F DB)	Indoor Air Temp. °F DB / °F WB											
		68 / 57		73 / 61		77 / 64		80 / 67		86 / 72		90 / 75	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
Mixed Indoor Units 24 (40%)	14	22.55	0.97	23.95	1.01	25.35	1.04	26.36	1.05	28.15	1.07	29.55	1.10
	20	22.53	0.98	23.93	1.02	25.33	1.06	26.34	1.07	28.13	1.09	29.53	1.11
	25	22.51	1.00	23.91	1.03	25.31	1.07	26.32	1.08	28.10	1.10	29.50	1.13
	30	22.50	1.01	23.89	1.05	25.29	1.09	26.30	1.10	28.08	1.12	29.48	1.14
	35	22.48	1.03	23.87	1.06	25.27	1.10	26.28	1.11	28.06	1.14	29.46	1.16
	40	22.46	1.04	23.86	1.08	25.25	1.12	26.26	1.13	28.04	1.15	29.44	1.17
	45	22.44	1.05	23.84	1.09	25.23	1.13	26.24	1.14	28.02	1.17	29.41	1.19
	50	22.43	1.07	23.82	1.11	25.21	1.15	26.22	1.16	28.00	1.18	29.39	1.21
	55	22.41	1.08	23.80	1.12	25.19	1.16	26.20	1.18	27.98	1.20	29.37	1.22
	60	22.39	1.10	23.78	1.14	25.17	1.18	26.18	1.19	27.95	1.21	29.35	1.24
	65	22.37	1.11	23.76	1.15	25.15	1.19	26.16	1.21	27.93	1.23	29.32	1.25
	70	22.36	1.12	23.75	1.16	25.13	1.21	26.14	1.22	27.91	1.24	29.30	1.27
	75	21.82	1.18	23.20	1.23	24.59	1.27	25.59	1.29	27.36	1.31	28.75	1.34
	80	21.28	1.24	22.66	1.29	24.04	1.34	25.04	1.35	26.81	1.38	28.19	1.41
	85	20.75	1.31	22.13	1.35	23.50	1.40	24.50	1.42	26.26	1.44	27.64	1.47
	90	20.22	1.37	21.59	1.42	22.96	1.47	23.96	1.48	25.71	1.51	27.09	1.54
	95	19.64	1.43	21.00	1.48	22.37	1.53	**23.00**	**1.55**	25.11	1.58	26.48	1.61
	100	19.16	1.49	20.53	1.54	21.89	1.60	22.70	1.62	24.63	1.65	26.00	1.68
	105	18.68	1.55	20.05	1.60	21.42	1.66	22.40	1.68	24.15	1.71	25.52	1.75
	110	18.20	1.61	19.57	1.67	20.94	1.73	21.93	1.75	23.67	1.78	25.04	1.82
	115	17.72	1.67	19.09	1.73	20.46	1.79	21.45	1.81	23.20	1.85	24.56	1.88
	118	17.44	1.71	18.80	1.77	20.17	1.83	21.16	1.85	22.91	1.89	24.28	1.93
	122	17.34	1.75	18.71	1.82	20.08	1.88	21.07	1.91	22.81	1.94	24.18	1.98

TC = Total Capacity (kBtu/h).

PI = Power Input (kW).

Nominal capacity as rated: 0 ft. above sea level with Piping Length as Main Pipe (16.4 ft.) + Branch pipe (98.4 ft.) = 115 ft.
0 ft. level difference between outdoor and indoor units.

Nominal cooling capacity rating obtained with air entering the indoor unit at 80ºF dry bulb (DB) and 67ºF wet bulb (WB), and outdoor ambient conditions of 95ºF dry bulb (DB) and 75ºF wet bulb (WB).

The shaded table columns and rows indicate reference data. When operating at this temperature, these values can be different if the system is not running consistently.

Due to our policy of continuous product innovation, some specifications may change without notification.
©LG Electronics U.S.A., Inc., Englewood Cliffs, NJ. All rights reserved. "LG" is a registered trademark of LG Corp.

PERFORMANCE DATA

Heating Capacity Tables

Table 140: LMU540HV Heating Capacity Table — Non-Ducted Indoor Units.

Combination Capacity Index (kBtu/h[%])	Outdoor Air Temp.		Indoor Air Temp. °F DB											
			61		64		68		70		72		75	
	°F DB	°F WB	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
Non-Ducted Indoor Units 73 (135%)	0	-0.4	28.30	3.71	26.61	3.85	26.64	3.91	26.03	3.94	25.54	3.97	24.45	4.11
	5	4.5	34.08	3.88	32.48	4.02	32.01	4.10	31.33	4.14	30.79	4.18	29.55	4.32
	10	9	37.95	4.03	36.42	4.17	35.61	4.27	34.89	4.33	34.31	4.38	32.96	4.51
	17	15	42.21	4.23	40.74	4.37	39.57	4.50	**38.80**	**4.58**	38.18	4.64	36.71	4.77
	20	19	44.80	4.37	43.37	4.50	41.97	4.66	41.17	4.74	40.52	4.81	38.98	4.94
	25	23	49.10	4.61	47.64	4.74	45.98	4.92	45.11	5.02	44.42	5.10	42.75	5.23
	30	28	53.41	4.86	51.76	5.02	49.98	5.18	49.06	5.29	48.33	5.38	46.55	5.52
	35	32	57.72	5.12	55.88	5.30	53.98	5.44	53.01	5.57	52.23	5.67	50.35	5.81
	40	36	60.66	5.27	58.96	5.45	57.08	5.61	56.09	5.73	55.30	5.82	53.30	5.97
	45	41	64.34	5.46	62.80	5.64	60.95	5.82	59.94	5.92	59.13	6.01	56.98	6.18
	47	43	65.81	5.53	64.34	5.72	62.50	5.90	**61.48**	**6.00**	60.66	6.08	58.46	6.26
	50	46	66.00	5.50	64.67	5.66	63.07	5.83	62.16	5.91	61.43	5.98	59.35	6.15
	55	51	66.33	5.44	65.23	5.57	64.02	5.71	63.29	5.77	62.70	5.82	60.84	5.95
	60	56	66.65	5.38	65.78	5.49	64.97	5.59	64.42	5.63	63.97	5.66	62.33	5.75
	63	59	66.84	5.35	66.11	5.43	65.54	5.51	65.09	5.54	64.73	5.56	63.23	5.63
	68	64	67.04	5.31	66.45	5.38	66.12	5.44	65.78	5.46	65.51	5.47	64.14	5.51
Non-Ducted Indoor Units 70 (130%)	0	-0.4	28.04	3.66	26.37	3.80	26.40	3.85	25.79	3.88	25.31	3.91	24.24	4.05
	5	4.5	33.77	3.82	32.19	3.96	31.73	4.04	31.05	4.08	30.51	4.12	29.28	4.26
	10	9	37.61	3.97	36.09	4.11	35.29	4.21	34.57	4.27	34.00	4.31	32.66	4.45
	17	15	41.84	4.17	40.38	4.30	39.22	4.44	**38.45**	**4.51**	37.83	4.57	36.38	4.70
	20	19	44.39	4.30	42.98	4.43	41.60	4.59	40.80	4.67	40.16	4.74	38.63	4.87
	25	23	48.66	4.54	47.21	4.67	45.57	4.84	44.71	4.94	44.02	5.02	42.36	5.15
	30	28	52.93	4.79	51.29	4.95	49.53	5.10	48.62	5.21	47.90	5.30	46.14	5.44
	35	32	57.21	5.04	55.38	5.22	53.50	5.36	52.54	5.48	51.77	5.58	49.90	5.72
	40	36	60.12	5.19	58.43	5.37	56.57	5.52	55.59	5.64	54.80	5.73	52.82	5.88
	45	41	63.76	5.38	62.24	5.56	60.41	5.73	59.40	5.83	58.60	5.92	56.47	6.09
	47	43	65.22	5.45	63.76	5.63	61.94	5.81	**60.93**	**5.91**	60.12	5.99	57.93	6.17
	50	46	65.41	5.42	64.09	5.58	62.51	5.74	61.60	5.83	60.88	5.89	58.82	6.05
	55	51	65.73	5.36	64.64	5.49	63.45	5.62	62.72	5.68	62.14	5.74	60.30	5.86
	60	56	66.05	5.30	65.19	5.40	64.39	5.50	63.84	5.54	63.40	5.58	61.78	5.66
	63	59	66.24	5.27	65.52	5.35	64.96	5.43	64.51	5.46	64.15	5.48	62.66	5.55
	68	64	66.44	5.23	65.85	5.30	65.52	5.36	65.19	5.38	64.92	5.39	63.56	5.43
Non-Ducted Indoor Units 65 (120%)	0	-0.4	27.62	3.56	25.98	3.69	26.00	3.75	25.41	3.78	24.93	3.80	23.87	3.94
	5	4.5	33.27	3.72	31.71	3.85	31.25	3.93	30.59	3.97	30.06	4.01	28.84	4.14
	10	9	37.05	3.86	35.55	3.99	34.77	4.09	34.06	4.15	33.49	4.19	32.17	4.33
	17	15	41.21	4.06	39.78	4.19	38.63	4.32	**37.87**	**4.39**	37.27	4.44	35.84	4.57
	20	19	43.73	4.19	42.34	4.31	40.97	4.46	40.19	4.55	39.56	4.61	38.05	4.74
	25	23	47.93	4.41	46.51	4.54	44.89	4.71	44.04	4.81	43.36	4.89	41.73	5.01
	30	28	52.14	4.66	50.53	4.81	48.79	4.96	47.90	5.07	47.18	5.16	45.45	5.29
	35	32	56.35	4.91	54.56	5.08	52.70	5.21	51.75	5.34	50.99	5.43	49.15	5.56
	40	36	59.22	5.05	57.56	5.23	55.72	5.37	54.76	5.49	53.99	5.58	52.03	5.72
	45	41	62.81	5.23	61.31	5.41	59.50	5.57	58.52	5.67	57.73	5.76	55.63	5.92
	47	43	64.25	5.30	62.81	5.48	61.02	5.65	**60.02**	**5.75**	59.22	5.83	57.07	6.00
	50	46	64.44	5.27	63.14	5.43	61.57	5.58	60.68	5.67	59.97	5.74	57.94	5.89
	55	51	64.75	5.21	63.68	5.34	62.50	5.47	61.78	5.53	61.21	5.58	59.40	5.70
	60	56	65.07	5.16	64.22	5.26	63.43	5.35	62.89	5.39	62.45	5.43	60.85	5.51
	63	59	65.25	5.12	64.54	5.21	63.98	5.28	63.55	5.31	63.20	5.33	61.73	5.40
	68	64	65.44	5.09	64.87	5.16	64.55	5.22	64.22	5.23	63.95	5.24	62.61	5.28

TC = Total Capacity (kBtu/h).

PI = Power Input (kW).

Nominal Capacity as rated: 0 ft. above sea level with Piping Length as Main Pipe (16.4 ft.) + Branch pipe (98.4 ft.) = 115 ft.

0 ft. level difference between outdoor and indoor units.

Nominal heating capacity rating obtained with air entering the indoor unit at 70ºF dry bulb (DB) and 60ºF wet bulb (WB), and outdoor ambient conditions of 47ºF dry bulb (DB) and 43ºF wet bulb (WB).

Due to our policy of continuous product innovation, some specifications may change without notification.
©LG Electronics U.S.A., Inc., Englewood Cliffs, NJ. All rights reserved. "LG" is a registered trademark of LG Corp.

PERFORMANCE DATA

Heating Capacity Tables

Table 141: LMU540HV Heating Capacity Table — Non-Ducted Indoor Units (continued).

Combination Capacity Index (kBtu/h[%])	Outdoor Air Temp.		Indoor Air Temp. °F DB											
			61		64		68		70		72		75	
	°F DB	°F WB	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
Non-Ducted Indoor Units 59 (110%)	0	-0.4	27.12	3.44	25.50	3.57	25.53	3.62	24.94	3.65	24.47	3.68	23.44	3.81
	5	4.5	32.66	3.59	31.13	3.72	30.68	3.80	30.03	3.84	29.51	3.87	28.32	4.00
	10	9	36.37	3.73	34.90	3.86	34.13	3.96	33.43	4.01	32.88	4.06	31.58	4.18
	17	15	40.46	3.92	39.05	4.05	37.92	4.17	**37.18**	**4.24**	36.59	4.30	35.18	4.42
	20	19	42.93	4.05	41.56	4.17	40.22	4.32	39.45	4.40	38.83	4.46	37.36	4.58
	25	23	47.05	4.27	45.66	4.39	44.07	4.56	43.24	4.65	42.57	4.72	40.97	4.85
	30	28	51.19	4.51	49.60	4.66	47.90	4.80	47.02	4.90	46.32	4.99	44.61	5.11
	35	32	55.32	4.75	53.56	4.92	51.73	5.04	50.80	5.16	50.06	5.25	48.25	5.38
	40	36	58.14	4.88	56.50	5.05	54.70	5.20	53.75	5.31	53.00	5.39	51.08	5.54
	45	41	61.66	5.06	60.19	5.23	58.41	5.39	57.44	5.49	56.67	5.57	54.61	5.73
	47	43	63.07	5.13	61.66	5.30	59.90	5.47	**58.92**	**5.56**	58.14	5.64	56.02	5.80
	50	46	63.26	5.09	61.98	5.25	60.45	5.40	59.57	5.48	58.87	5.55	56.88	5.69
	55	51	63.56	5.04	62.51	5.17	61.36	5.29	60.65	5.35	60.09	5.40	58.31	5.51
	60	56	63.87	4.99	63.04	5.08	62.27	5.18	61.73	5.22	61.31	5.25	59.74	5.33
	63	59	64.06	4.95	63.36	5.03	62.81	5.11	62.38	5.14	62.04	5.16	60.60	5.22
	68	64	64.24	4.92	63.68	4.99	63.36	5.04	63.04	5.06	62.78	5.07	61.47	5.11
Non-Ducted Indoor Units 54 (100%)	0	-0.4	26.69	3.34	25.10	3.47	25.13	3.52	24.55	3.55	24.09	3.57	23.07	3.70
	5	4.5	32.15	3.49	30.64	3.62	30.20	3.69	29.56	3.73	29.05	3.76	27.87	3.89
	10	9	35.80	3.63	34.36	3.75	33.60	3.84	32.91	3.90	32.36	3.94	31.09	4.06
	17	15	39.82	3.81	38.44	3.93	37.33	4.05	**36.60**	**4.12**	36.01	4.17	34.63	4.30
	20	19	42.26	3.93	40.91	4.05	39.60	4.19	38.83	4.27	38.23	4.33	36.77	4.45
	25	23	46.32	4.15	44.94	4.27	43.38	4.43	42.56	4.52	41.90	4.59	40.33	4.71
	30	28	50.39	4.38	48.83	4.52	47.15	4.66	46.28	4.76	45.59	4.85	43.92	4.97
	35	32	54.45	4.61	52.72	4.77	50.93	4.90	50.01	5.01	49.28	5.10	47.50	5.23
	40	36	57.23	4.74	55.62	4.91	53.85	5.05	52.92	5.15	52.17	5.24	50.28	5.38
	45	41	60.70	4.91	59.25	5.08	57.50	5.23	56.55	5.33	55.78	5.41	53.76	5.56
	47	43	62.09	4.98	60.70	5.14	58.96	5.31	**58.00**	**5.40**	57.23	5.47	55.15	5.64
	50	46	62.27	4.95	61.01	5.10	59.50	5.24	58.64	5.32	57.95	5.39	55.99	5.53
	55	51	62.57	4.90	61.53	5.02	60.40	5.14	59.70	5.19	59.15	5.24	57.40	5.35
	60	56	62.88	4.84	62.06	4.94	61.29	5.03	60.77	5.07	60.35	5.10	58.81	5.17
	63	59	63.06	4.81	62.37	4.89	61.83	4.96	61.41	4.99	61.07	5.01	59.65	5.07
	68	64	63.24	4.78	62.69	4.84	62.37	4.90	62.05	4.91	61.80	4.92	60.51	4.96
Non-Ducted Indoor Units 49 (90%)	0	-0.4	24.22	3.01	22.78	3.12	22.80	3.17	22.28	3.19	21.86	3.21	20.93	3.33
	5	4.5	29.17	3.14	27.81	3.25	27.40	3.32	26.82	3.36	26.36	3.39	25.29	3.50
	10	9	32.49	3.26	31.17	3.38	30.49	3.46	29.87	3.51	29.37	3.55	28.21	3.66
	17	15	36.14	3.43	34.88	3.54	33.88	3.65	**33.21**	**3.71**	32.68	3.76	31.42	3.87
	20	19	38.35	3.54	37.12	3.65	35.93	3.77	35.24	3.84	34.69	3.90	33.37	4.01
	25	23	42.03	3.73	40.78	3.84	39.36	3.98	38.62	4.06	38.02	4.13	36.59	4.24
	30	28	45.72	3.94	44.31	4.07	42.78	4.19	42.00	4.29	41.37	4.36	39.85	4.47
	35	32	49.41	4.15	47.84	4.30	46.21	4.41	45.38	4.51	44.72	4.59	43.10	4.70
	40	36	51.93	4.27	50.47	4.42	48.86	4.54	48.02	4.64	47.34	4.71	45.62	4.84
	45	41	55.08	4.42	53.76	4.57	52.18	4.71	51.31	4.80	50.62	4.87	48.78	5.01
	47	43	56.34	4.48	55.08	4.63	53.50	4.78	**52.63**	**4.86**	51.93	4.93	50.04	5.07
	50	46	56.50	4.45	55.36	4.59	53.99	4.72	53.21	4.79	52.58	4.85	50.81	4.98
	55	51	56.78	4.41	55.84	4.51	54.81	4.62	54.18	4.67	53.67	4.72	52.08	4.82
	60	56	57.05	4.36	56.31	4.44	55.62	4.52	55.14	4.56	54.76	4.59	53.36	4.66
	63	59	57.22	4.33	56.60	4.40	56.11	4.47	55.72	4.49	55.42	4.51	54.13	4.56
	68	64	57.39	4.30	56.88	4.36	56.60	4.41	56.31	4.42	56.08	4.43	54.90	4.47

TC = Total Capacity (kBtu/h).

PI = Power Input (kW).

Nominal Capacity as rated: 0 ft. above sea level with Piping Length as Main Pipe (16.4 ft.) + Branch pipe (98.4 ft.) = 115 ft.

0 ft. level difference between outdoor and indoor units.

Nominal heating capacity rating obtained with air entering the indoor unit at 70ºF dry bulb (DB) and 60ºF wet bulb (WB), and outdoor ambient conditions of 47ºF dry bulb (DB) and 43ºF wet bulb (WB).

Due to our policy of continuous product innovation, some specifications may change without notification.
©LG Electronics U.S.A., Inc., Englewood Cliffs, NJ. All rights reserved. "LG" is a registered trademark of LG Corp.

PERFORMANCE DATA

Heating Capacity Tables

Table 142: LMU540HV Heating Capacity Table — Non-Ducted Indoor Units (continued).

Combination Capacity Index (kBtu/h[%])	Outdoor Air Temp.		Indoor Air Temp. °F DB											
			61		64		68		70		72		75	
	°F DB	°F WB	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
Non-Ducted Indoor Units 43 (80%)	0	-0.4	21.26	2.60	19.99	2.70	20.01	2.74	19.55	2.77	19.19	2.78	18.37	2.88
	5	4.5	25.60	2.72	24.40	2.82	24.05	2.88	23.54	2.91	23.13	2.93	22.20	3.03
	10	9	28.51	2.83	27.36	2.92	26.76	3.00	26.21	3.04	25.77	3.07	24.76	3.17
	17	15	31.71	2.97	30.61	3.06	29.73	3.16	**29.15**	**3.21**	28.68	3.25	27.58	3.35
	20	19	33.65	3.06	32.58	3.16	31.53	3.27	30.93	3.33	30.44	3.38	29.29	3.47
	25	23	36.89	3.23	35.79	3.33	34.55	3.45	33.89	3.52	33.37	3.58	32.11	3.67
	30	28	40.13	3.41	38.89	3.53	37.55	3.63	36.86	3.71	36.31	3.78	34.97	3.87
	35	32	43.37	3.59	41.99	3.72	40.56	3.82	39.83	3.91	39.24	3.98	37.83	4.07
	40	36	45.58	3.70	44.30	3.83	42.88	3.93	42.14	4.02	41.55	4.08	40.04	4.19
	45	41	48.34	3.83	47.18	3.96	45.79	4.08	45.03	4.15	44.42	4.21	42.81	4.34
	47	43	49.44	3.88	48.34	4.01	46.96	4.14	**46.19**	**4.21**	45.58	4.27	43.92	4.40
	50	46	49.59	3.86	48.59	3.97	47.39	4.09	46.70	4.15	46.15	4.20	44.59	4.31
	55	51	49.83	3.82	49.00	3.91	48.10	4.00	47.55	4.05	47.11	4.09	45.71	4.17
	60	56	50.07	3.78	49.42	3.85	48.81	3.92	48.40	3.95	48.06	3.97	46.83	4.03
	63	59	50.22	3.75	49.67	3.81	49.24	3.87	48.90	3.89	48.63	3.90	47.50	3.95
	68	64	50.36	3.73	49.92	3.77	49.67	3.82	49.42	3.83	49.21	3.84	48.19	3.87
Non-Ducted Indoor Units 38 (70%)	0	-0.4	18.79	2.27	17.67	2.36	17.69	2.39	17.28	2.41	16.96	2.43	16.24	2.51
	5	4.5	22.63	2.37	21.57	2.46	21.25	2.51	20.80	2.54	20.44	2.56	19.62	2.64
	10	9	25.20	2.46	24.18	2.55	23.64	2.61	23.16	2.65	22.78	2.68	21.88	2.76
	17	15	28.03	2.59	27.05	2.67	26.27	2.75	**25.76**	**2.80**	25.35	2.84	24.37	2.92
	20	19	29.74	2.67	28.79	2.75	27.87	2.85	27.33	2.90	26.90	2.94	25.88	3.02
	25	23	32.60	2.82	31.63	2.90	30.53	3.01	29.95	3.07	29.49	3.12	28.38	3.20
	30	28	35.46	2.98	34.36	3.07	33.18	3.17	32.58	3.24	32.09	3.29	30.91	3.38
	35	32	38.32	3.13	37.10	3.24	35.84	3.33	35.20	3.41	34.68	3.47	33.43	3.55
	40	36	40.28	3.22	39.15	3.34	37.90	3.43	37.24	3.50	36.72	3.56	35.39	3.65
	45	41	42.72	3.34	41.70	3.45	40.47	3.56	39.80	3.62	39.26	3.67	37.83	3.78
	47	43	43.70	3.38	42.72	3.50	41.50	3.61	**40.82**	**3.67**	40.28	3.72	38.81	3.83
	50	46	43.82	3.36	42.94	3.46	41.88	3.56	41.27	3.62	40.78	3.66	39.41	3.76
	55	51	44.04	3.33	43.31	3.41	42.51	3.49	42.02	3.53	41.63	3.56	40.40	3.64
	60	56	44.25	3.29	43.68	3.36	43.14	3.42	42.77	3.44	42.47	3.46	41.39	3.52
	63	59	44.38	3.27	43.90	3.32	43.52	3.37	43.22	3.39	42.98	3.40	41.98	3.44
	68	64	44.51	3.25	44.12	3.29	43.90	3.33	43.67	3.34	43.49	3.35	42.58	3.37
Non-Ducted Indoor Units 32 (60%)	0	-0.4	15.82	1.87	14.87	1.94	14.89	1.97	14.55	1.98	14.28	2.00	13.67	2.07
	5	4.5	19.05	1.95	18.16	2.02	17.90	2.06	17.52	2.09	17.21	2.10	16.52	2.18
	10	9	21.22	2.03	20.36	2.10	19.91	2.15	19.50	2.18	19.18	2.20	18.42	2.27
	17	15	23.60	2.13	22.78	2.20	22.12	2.27	**21.69**	**2.30**	21.34	2.33	20.52	2.40
	20	19	25.04	2.20	24.24	2.27	23.46	2.34	23.01	2.39	22.65	2.42	21.79	2.49
	25	23	27.45	2.32	26.63	2.39	25.71	2.48	25.22	2.53	24.83	2.57	23.90	2.63
	30	28	29.86	2.45	28.93	2.53	27.94	2.61	27.43	2.66	27.02	2.71	26.02	2.78
	35	32	32.27	2.58	31.24	2.67	30.18	2.74	29.64	2.80	29.20	2.85	28.15	2.92
	40	36	33.91	2.65	32.96	2.74	31.91	2.82	31.36	2.88	30.91	2.93	29.79	3.01
	45	41	35.97	2.75	35.11	2.84	34.07	2.93	33.51	2.98	33.06	3.02	31.86	3.11
	47	43	36.79	2.78	35.97	2.88	34.94	2.97	**34.37**	**3.02**	33.91	3.06	32.68	3.15
	50	46	36.90	2.77	36.15	2.85	35.26	2.93	34.75	2.98	34.34	3.01	33.18	3.09
	55	51	37.08	2.74	36.46	2.81	35.79	2.87	35.38	2.90	35.05	2.93	34.01	2.99
	60	56	37.26	2.71	36.77	2.76	36.32	2.81	36.01	2.83	35.76	2.85	34.85	2.89
	63	59	37.37	2.69	36.96	2.73	36.64	2.78	36.39	2.79	36.19	2.80	35.35	2.83
	68	64	37.48	2.67	37.15	2.71	36.96	2.74	36.77	2.75	36.62	2.75	35.86	2.78

TC = Total Capacity (kBtu/h).

PI = Power Input (kW).

Nominal Capacity as rated: 0 ft. above sea level with Piping Length as Main Pipe (16.4 ft.) + Branch pipe (98.4 ft.) = 115 ft.

0 ft. level difference between outdoor and indoor units.

Nominal heating capacity rating obtained with air entering the indoor unit at 70°F dry bulb (DB) and 60°F wet bulb (WB), and outdoor ambient conditions of 47°F dry bulb (DB) and 43°F wet bulb (WB).

Due to our policy of continuous product innovation, some specifications may change without notification.
©LG Electronics U.S.A., Inc., Englewood Cliffs, NJ. All rights reserved. "LG" is a registered trademark of LG Corp.

PERFORMANCE DATA

Heating Capacity Tables

Table 143: LMU540HV Heating Capacity Table — Non-Ducted (continued) / Ducted Indoor Units.

Combination Capacity Index (kBtu/h[%])	Outdoor Air Temp.		Indoor Air Temp. °F DB											
			61		64		68		70		72		75	
	°F DB	°F WB	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
Non-Ducted Indoor Units 27 (50%)	0	-0.4	13.35	1.53	12.55	1.59	12.56	1.62	12.28	1.63	12.05	1.64	11.53	1.70
	5	4.5	16.08	1.60	15.32	1.66	15.10	1.69	14.78	1.71	14.52	1.73	13.94	1.79
	10	9	17.90	1.67	17.18	1.72	16.80	1.77	16.46	1.79	16.18	1.81	15.55	1.87
	17	15	19.91	1.75	19.22	1.81	18.67	1.86	**18.30**	**1.89**	18.01	1.92	17.31	1.97
	20	19	21.13	1.81	20.46	1.86	19.80	1.92	19.42	1.96	19.11	1.99	18.39	2.04
	25	23	23.16	1.90	22.47	1.96	21.69	2.03	21.28	2.07	20.95	2.11	20.16	2.16
	30	28	25.19	2.01	24.41	2.08	23.58	2.14	23.14	2.19	22.80	2.23	21.96	2.28
	35	32	27.23	2.12	26.36	2.19	25.46	2.25	25.00	2.30	24.64	2.34	23.75	2.40
	40	36	28.61	2.18	27.81	2.25	26.92	2.32	26.46	2.37	26.08	2.41	25.14	2.47
	45	41	30.35	2.26	29.62	2.33	28.75	2.40	28.27	2.45	27.89	2.48	26.88	2.55
	47	43	31.04	2.29	30.35	2.36	29.48	2.44	**29.00**	**2.48**	28.61	2.51	27.57	2.59
	50	46	31.13	2.27	30.51	2.34	29.75	2.41	29.32	2.44	28.97	2.47	28.00	2.54
	55	51	31.29	2.25	30.77	2.30	30.20	2.36	29.85	2.39	29.57	2.41	28.70	2.46
	60	56	31.44	2.22	31.03	2.27	30.65	2.31	30.38	2.33	30.17	2.34	29.40	2.38
	63	59	31.53	2.21	31.19	2.25	30.92	2.28	30.70	2.29	30.53	2.30	29.83	2.33
	68	64	31.62	2.20	31.34	2.22	31.19	2.25	31.03	2.26	30.90	2.26	30.25	2.28
Non-Ducted Indoor Units 24 (40%)	0	-0.4	11.87	1.34	11.16	1.39	11.17	1.41	10.91	1.42	10.71	1.43	10.25	1.48
	5	4.5	14.29	1.40	13.62	1.45	13.42	1.48	13.14	1.49	12.91	1.51	12.39	1.56
	10	9	15.91	1.45	15.27	1.50	14.93	1.54	14.63	1.56	14.39	1.58	13.82	1.63
	17	15	17.70	1.52	17.09	1.57	16.59	1.62	**16.27**	**1.65**	16.01	1.67	15.39	1.72
	20	19	18.78	1.57	18.19	1.62	17.60	1.68	17.26	1.71	16.99	1.73	16.35	1.78
	25	23	20.59	1.66	19.98	1.71	19.28	1.77	18.92	1.81	18.63	1.84	17.92	1.88
	30	28	22.40	1.75	21.70	1.81	20.96	1.86	20.57	1.91	20.27	1.94	19.52	1.99
	35	32	24.20	1.84	23.43	1.91	22.64	1.96	22.23	2.00	21.90	2.04	21.11	2.09
	40	36	25.44	1.90	24.72	1.96	23.93	2.02	23.52	2.06	23.19	2.09	22.35	2.15
	45	41	26.98	1.96	26.33	2.03	25.56	2.09	25.13	2.13	24.79	2.16	23.89	2.23
	47	43	27.60	1.99	26.98	2.06	26.21	2.12	**25.78**	**2.16**	25.44	2.19	24.51	2.26
	50	46	27.68	1.98	27.12	2.04	26.45	2.10	26.06	2.13	25.76	2.15	24.89	2.21
	55	51	27.81	1.96	27.35	2.01	26.85	2.05	26.54	2.08	26.29	2.10	25.51	2.14
	60	56	27.95	1.94	27.58	1.97	27.24	2.01	27.01	2.03	26.82	2.04	26.14	2.07
	63	59	28.03	1.92	27.72	1.96	27.48	1.99	27.29	2.00	27.14	2.00	26.51	2.03
	68	64	28.11	1.91	27.86	1.94	27.72	1.96	27.58	1.96	27.47	1.97	26.89	1.99
Ducted Indoor Units 73 (135%)	0	-0.4	32.46	3.83	30.59	3.98	30.54	4.04	29.85	4.07	29.30	4.10	28.06	4.24
	5	4.5	37.42	3.98	35.69	4.13	35.15	4.21	34.40	4.26	33.81	4.29	32.45	4.44
	10	9	40.75	4.12	39.10	4.26	38.23	4.37	37.45	4.43	36.83	4.48	35.38	4.62
	17	15	44.40	4.30	42.86	4.44	41.63	4.58	**40.81**	**4.66**	40.16	4.72	38.61	4.85
	20	19	46.62	4.43	45.14	4.56	43.68	4.72	42.84	4.81	42.17	4.88	40.57	5.01
	25	23	50.31	4.65	48.82	4.78	47.12	4.96	46.23	5.06	45.52	5.14	43.81	5.28
	30	28	54.02	4.88	52.35	5.04	50.55	5.20	49.62	5.31	48.88	5.41	47.08	5.54
	35	32	57.72	5.12	55.88	5.30	53.98	5.44	53.01	5.57	52.23	5.67	50.35	5.81
	40	36	60.66	5.27	58.96	5.45	57.08	5.61	56.09	5.73	55.30	5.82	53.30	5.97
	45	41	64.34	5.46	62.80	5.64	60.95	5.82	59.94	5.92	59.13	6.01	56.98	6.18
	47	43	65.81	5.53	64.34	5.72	62.50	5.90	**61.48**	**6.00**	60.66	6.08	58.46	6.26
	50	46	66.00	5.50	64.67	5.66	63.07	5.83	62.16	5.91	61.43	5.98	59.35	6.15
	55	51	66.33	5.44	65.23	5.57	64.02	5.71	63.29	5.77	62.70	5.82	60.84	5.95
	60	56	66.65	5.38	65.78	5.49	64.97	5.59	64.42	5.63	63.97	5.66	62.33	5.75
	63	59	66.84	5.35	66.11	5.43	65.54	5.51	65.09	5.54	64.73	5.56	63.23	5.63
	68	64	67.04	5.31	66.45	5.38	66.12	5.44	65.78	5.46	65.51	5.47	64.14	5.51

TC = Total Capacity (kBtu/h).

PI = Power Input (kW).

Nominal Capacity as rated: 0 ft. above sea level with Piping Length as Main Pipe (16.4 ft.) + Branch pipe (98.4 ft.) = 115 ft.

0 ft. level difference between outdoor and indoor units.

Nominal heating capacity rating obtained with air entering the indoor unit at 70°F dry bulb (DB) and 60°F wet bulb (WB), and outdoor ambient conditions of 47°F dry bulb (DB) and 43°F wet bulb (WB).

Due to our policy of continuous product innovation, some specifications may change without notification.
©LG Electronics U.S.A., Inc., Englewood Cliffs, NJ. All rights reserved. "LG" is a registered trademark of LG Corp.

PERFORMANCE DATA

Heating Capacity Tables

Table 144: LMU540HV Heating Capacity Table — Ducted Indoor Units (continued).

Combination Capacity Index (kBtu/h[%])	Outdoor Air Temp.		Indoor Air Temp. °F DB											
			61		64		68		70		72		75	
	°F DB	°F WB	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
Ducted Indoor Units 70 (130%)	0	-0.4	32.16	3.79	30.32	3.94	30.27	4.00	29.58	4.03	29.04	4.06	27.81	4.20
	5	4.5	37.09	3.94	35.37	4.08	34.83	4.17	34.10	4.21	33.51	4.25	32.16	4.39
	10	9	40.38	4.08	38.75	4.22	37.89	4.32	37.12	4.38	36.50	4.43	35.07	4.57
	17	15	44.01	4.26	42.48	4.40	41.25	4.53	**40.44**	**4.61**	39.80	4.67	38.27	4.81
	20	19	46.20	4.38	44.73	4.52	43.29	4.67	42.46	4.76	41.79	4.83	40.21	4.96
	25	23	49.86	4.60	48.39	4.73	46.70	4.91	45.82	5.01	45.11	5.09	43.41	5.22
	30	28	53.54	4.83	51.88	4.99	50.10	5.15	49.18	5.26	48.44	5.35	46.66	5.49
	35	32	57.21	5.07	55.38	5.25	53.50	5.39	52.54	5.51	51.77	5.61	49.90	5.75
	40	36	60.12	5.22	58.43	5.40	56.57	5.55	55.59	5.67	54.80	5.76	52.82	5.91
	45	41	63.76	5.40	62.24	5.58	60.41	5.76	59.40	5.86	58.60	5.95	56.47	6.12
	47	43	65.22	5.48	63.76	5.66	61.94	5.84	**60.93**	**5.94**	60.12	6.02	57.93	6.20
	50	46	65.41	5.44	64.09	5.61	62.51	5.77	61.60	5.86	60.88	5.92	58.82	6.08
	55	51	65.73	5.39	64.64	5.52	63.45	5.65	62.72	5.71	62.14	5.76	60.30	5.89
	60	56	66.05	5.33	65.19	5.43	64.39	5.53	63.84	5.57	63.40	5.60	61.78	5.69
	63	59	66.24	5.29	65.52	5.38	64.96	5.46	64.51	5.49	64.15	5.51	62.66	5.57
	68	64	66.44	5.26	65.85	5.33	65.52	5.39	65.19	5.40	64.92	5.41	63.56	5.46
Ducted Indoor Units 65 (120%)	0	-0.4	31.68	3.72	29.87	3.87	29.82	3.92	29.14	3.96	28.60	3.98	27.40	4.12
	5	4.5	36.53	3.87	34.84	4.01	34.31	4.09	33.59	4.14	33.01	4.17	31.68	4.31
	10	9	39.78	4.00	38.18	4.14	37.32	4.24	36.57	4.30	35.96	4.35	34.54	4.49
	17	15	43.35	4.18	41.84	4.32	40.64	4.45	**39.84**	**4.52**	39.20	4.58	37.70	4.72
	20	19	45.51	4.30	44.06	4.43	42.65	4.59	41.83	4.67	41.17	4.74	39.61	4.87
	25	23	49.12	4.51	47.66	4.65	46.00	4.82	45.13	4.92	44.44	5.00	42.77	5.13
	30	28	52.74	4.75	51.10	4.90	49.35	5.05	48.44	5.16	47.72	5.25	45.96	5.38
	35	32	56.35	4.98	54.56	5.15	52.70	5.29	51.75	5.41	50.99	5.51	49.15	5.64
	40	36	59.22	5.12	57.56	5.30	55.72	5.45	54.76	5.56	53.99	5.65	52.03	5.80
	45	41	62.81	5.30	61.31	5.48	59.50	5.65	58.52	5.75	57.73	5.84	55.63	6.01
	47	43	64.25	5.38	62.81	5.55	61.02	5.73	**60.02**	**5.83**	59.22	5.91	57.07	6.09
	50	46	64.44	5.34	63.14	5.50	61.57	5.66	60.68	5.75	59.97	5.81	57.94	5.97
	55	51	64.75	5.29	63.68	5.42	62.50	5.54	61.78	5.61	61.21	5.66	59.40	5.78
	60	56	65.07	5.23	64.22	5.33	63.43	5.43	62.89	5.47	62.45	5.50	60.85	5.59
	63	59	65.25	5.20	64.54	5.28	63.98	5.36	63.55	5.39	63.20	5.41	61.73	5.47
	68	64	65.44	5.16	64.87	5.23	64.55	5.29	64.22	5.30	63.95	5.31	62.61	5.36
Ducted Indoor Units 59 (110%)	0	-0.4	31.10	3.63	29.32	3.77	29.27	3.83	28.61	3.86	28.08	3.89	26.90	4.03
	5	4.5	35.86	3.78	34.20	3.91	33.68	3.99	32.97	4.04	32.40	4.07	31.10	4.21
	10	9	39.05	3.91	37.48	4.04	36.64	4.14	35.90	4.20	35.30	4.24	33.91	4.38
	17	15	42.56	4.08	41.08	4.21	39.89	4.34	**39.11**	**4.42**	38.48	4.47	37.00	4.60
	20	19	44.68	4.20	43.26	4.33	41.86	4.48	41.06	4.56	40.42	4.63	38.88	4.75
	25	23	48.22	4.41	46.79	4.53	45.16	4.70	44.31	4.80	43.62	4.88	41.98	5.00
	30	28	51.77	4.63	50.17	4.78	48.44	4.93	47.56	5.04	46.84	5.13	45.12	5.26
	35	32	55.32	4.86	53.56	5.03	51.73	5.16	50.80	5.28	50.06	5.38	48.25	5.51
	40	36	58.14	5.00	56.50	5.17	54.70	5.32	53.75	5.43	53.00	5.52	51.08	5.66
	45	41	61.66	5.18	60.19	5.35	58.41	5.51	57.44	5.62	56.67	5.70	54.61	5.86
	47	43	63.07	5.25	61.66	5.42	59.90	5.59	**58.92**	**5.69**	58.14	5.77	56.02	5.94
	50	46	63.26	5.21	61.98	5.37	60.45	5.53	59.57	5.61	58.87	5.68	56.88	5.83
	55	51	63.56	5.16	62.51	5.29	61.36	5.41	60.65	5.47	60.09	5.52	58.31	5.64
	60	56	63.87	5.10	63.04	5.20	62.27	5.30	61.73	5.34	61.31	5.37	59.74	5.45
	63	59	64.06	5.07	63.36	5.15	62.81	5.23	62.38	5.26	62.04	5.28	60.60	5.34
	68	64	64.24	5.04	63.68	5.10	63.36	5.16	63.04	5.18	62.78	5.19	61.47	5.23

TC = Total Capacity (kBtu/h).

PI = Power Input (kW).

Nominal Capacity as rated: 0 ft. above sea level with Piping Length as Main Pipe (16.4 ft.) + Branch pipe (98.4 ft.) = 115 ft.

0 ft. level difference between outdoor and indoor units.

Nominal heating capacity rating obtained with air entering the indoor unit at 70ºF dry bulb (DB) and 60ºF wet bulb (WB), and outdoor ambient conditions of 47ºF dry bulb (DB) and 43ºF wet bulb (WB).

Due to our policy of continuous product innovation, some specifications may change without notification.
©LG Electronics U.S.A., Inc., Englewood Cliffs, NJ. All rights reserved. "LG" is a registered trademark of LG Corp.

PERFORMANCE DATA

Heating Capacity Tables

Table 145: LMU540HV Heating Capacity Table — Ducted Indoor Units (continued).

Combination Capacity Index (kBtu/h[%])	Outdoor Air Temp.		Indoor Air Temp. °F DB											
			61		64		68		70		72		75	
	°F DB	°F WB	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
Ducted Indoor Units 54 (100%)	0	-0.4	30.62	3.56	28.86	3.70	28.81	3.75	28.16	3.79	27.64	3.81	26.48	3.95
	5	4.5	35.30	3.70	33.67	3.84	33.16	3.92	32.46	3.96	31.90	3.99	30.61	4.13
	10	9	38.44	3.83	36.89	3.96	36.07	4.06	35.33	4.12	34.75	4.16	33.38	4.29
	17	15	41.89	4.00	40.43	4.13	39.27	4.26	**38.50**	**4.33**	37.88	4.39	36.43	4.51
	20	19	43.98	4.12	42.58	4.24	41.21	4.39	40.42	4.47	39.78	4.54	38.27	4.66
	25	23	47.47	4.32	46.06	4.45	44.46	4.61	43.62	4.71	42.94	4.78	41.33	4.91
	30	28	50.96	4.54	49.38	4.69	47.69	4.84	46.81	4.94	46.11	5.03	44.42	5.15
	35	32	54.45	4.76	52.72	4.93	50.93	5.06	50.01	5.18	49.28	5.27	47.50	5.40
	40	36	57.23	4.90	55.62	5.07	53.85	5.21	52.92	5.32	52.17	5.41	50.28	5.56
	45	41	60.70	5.08	59.25	5.25	57.50	5.41	56.55	5.51	55.78	5.59	53.76	5.75
	47	43	62.09	5.15	60.70	5.32	58.96	5.49	**58.00**	**5.58**	57.23	5.66	55.15	5.83
	50	46	62.27	5.11	61.01	5.27	59.50	5.42	58.64	5.50	57.95	5.57	55.99	5.72
	55	51	62.57	5.06	61.53	5.18	60.40	5.31	59.70	5.37	59.15	5.42	57.40	5.53
	60	56	62.88	5.00	62.06	5.10	61.29	5.20	60.77	5.23	60.35	5.27	58.81	5.35
	63	59	63.06	4.97	62.37	5.05	61.83	5.13	61.41	5.15	61.07	5.18	59.65	5.24
	68	64	63.24	4.94	62.69	5.00	62.37	5.06	62.05	5.08	61.80	5.09	60.51	5.13
Ducted Indoor Units 49 (90%)	0	-0.4	27.78	3.22	26.19	3.34	26.14	3.39	25.55	3.42	25.08	3.44	24.02	3.57
	5	4.5	32.03	3.34	30.55	3.47	30.09	3.54	29.45	3.58	28.94	3.61	27.78	3.73
	10	9	34.88	3.46	33.48	3.58	32.73	3.67	32.06	3.72	31.53	3.76	30.29	3.88
	17	15	38.01	3.62	36.69	3.73	35.63	3.85	**34.94**	**3.91**	34.38	3.96	33.05	4.08
	20	19	39.91	3.72	38.64	3.83	37.39	3.97	36.68	4.04	36.10	4.10	34.73	4.21
	25	23	43.07	3.90	41.79	4.02	40.34	4.17	39.58	4.25	38.97	4.32	37.50	4.43
	30	28	46.24	4.10	44.81	4.24	43.27	4.37	42.48	4.46	41.84	4.54	40.31	4.66
	35	32	49.41	4.30	47.84	4.46	46.21	4.57	45.38	4.68	44.72	4.76	43.10	4.88
	40	36	51.93	4.43	50.47	4.58	48.86	4.71	48.02	4.81	47.34	4.89	45.62	5.02
	45	41	55.08	4.58	53.76	4.74	52.18	4.88	51.31	4.97	50.62	5.05	48.78	5.19
	47	43	56.34	4.65	55.08	4.80	53.50	4.95	**52.63**	**5.04**	51.93	5.11	50.04	5.26
	50	46	56.50	4.62	55.36	4.76	53.99	4.89	53.21	4.97	52.58	5.03	50.81	5.16
	55	51	56.78	4.57	55.84	4.68	54.81	4.79	54.18	4.85	53.67	4.89	52.08	5.00
	60	56	57.05	4.52	56.31	4.61	55.62	4.69	55.14	4.73	54.76	4.76	53.36	4.83
	63	59	57.22	4.49	56.60	4.56	56.11	4.63	55.72	4.66	55.42	4.67	54.13	4.73
	68	64	57.39	4.46	56.88	4.52	56.60	4.57	56.31	4.58	56.08	4.59	54.90	4.63
Ducted Indoor Units 43 (80%)	0	-0.4	24.38	2.80	22.98	2.90	22.95	2.95	22.43	2.97	22.01	2.99	21.08	3.10
	5	4.5	28.11	2.91	26.81	3.01	26.41	3.07	25.85	3.11	25.40	3.13	24.38	3.24
	10	9	30.61	3.01	29.38	3.11	28.72	3.19	28.14	3.23	27.67	3.27	26.58	3.37
	17	15	33.36	3.14	32.20	3.24	31.27	3.34	**30.66**	**3.40**	30.17	3.44	29.01	3.54
	20	19	35.03	3.23	33.91	3.33	32.82	3.45	32.19	3.51	31.68	3.56	30.48	3.66
	25	23	37.80	3.39	36.68	3.49	35.40	3.62	34.73	3.69	34.20	3.75	32.91	3.85
	30	28	40.58	3.57	39.33	3.68	37.98	3.80	37.28	3.88	36.72	3.95	35.37	4.05
	35	32	43.37	3.74	41.99	3.87	40.56	3.97	39.83	4.06	39.24	4.14	37.83	4.24
	40	36	45.58	3.85	44.30	3.98	42.88	4.09	42.14	4.18	41.55	4.25	40.04	4.36
	45	41	48.34	3.98	47.18	4.12	45.79	4.25	45.03	4.32	44.42	4.38	42.81	4.51
	47	43	49.44	4.04	48.34	4.17	46.96	4.31	**46.19**	**4.38**	45.58	4.44	43.92	4.57
	50	46	49.59	4.01	48.59	4.13	47.39	4.25	46.70	4.32	46.15	4.37	44.59	4.49
	55	51	49.83	3.97	49.00	4.07	48.10	4.17	47.55	4.21	47.11	4.25	45.71	4.34
	60	56	50.07	3.93	49.42	4.00	48.81	4.08	48.40	4.11	48.06	4.13	46.83	4.20
	63	59	50.22	3.90	49.67	3.97	49.24	4.03	48.90	4.05	48.63	4.06	47.50	4.11
	68	64	50.36	3.88	49.92	3.93	49.67	3.97	49.42	3.98	49.21	3.99	48.19	4.03

TC = Total Capacity (kBtu/h).

PI = Power Input (kW).

Nominal Capacity as rated: 0 ft. above sea level with Piping Length as Main Pipe (16.4 ft.) + Branch pipe (98.4 ft.) = 115 ft.

0 ft. level difference between outdoor and indoor units.

Nominal heating capacity rating obtained with air entering the indoor unit at 70°F dry bulb (DB) and 60°F wet bulb (WB), and outdoor ambient conditions of 47°F dry bulb (DB) and 43°F wet bulb (WB).

Due to our policy of continuous product innovation, some specifications may change without notification.
©LG Electronics U.S.A., Inc., Englewood Cliffs, NJ. All rights reserved. "LG" is a registered trademark of LG Corp.

PERFORMANCE DATA

Heating Capacity Tables

Table 146: LMU540HV Heating Capacity Table — Ducted Indoor Units (continued).

Combination Capacity Index (kBtu/h[%])	Outdoor Air Temp.		Indoor Air Temp. °F DB											
			61		64		68		70		72		75	
	°F DB	°F WB	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
Ducted Indoor Units 38 (70%)	0	-0.4	21.55	2.45	20.31	2.55	20.28	2.58	19.82	2.61	19.45	2.62	18.63	2.72
	5	4.5	24.85	2.55	23.70	2.64	23.34	2.69	22.84	2.72	22.45	2.75	21.54	2.84
	10	9	27.05	2.64	25.96	2.73	25.38	2.80	24.87	2.83	24.46	2.86	23.49	2.95
	17	15	29.48	2.76	28.46	2.84	27.64	2.93	**27.10**	**2.98**	26.66	3.02	25.64	3.11
	20	19	30.95	2.83	29.97	2.92	29.00	3.02	28.45	3.08	28.00	3.12	26.94	3.21
	25	23	33.41	2.97	32.42	3.06	31.29	3.18	30.70	3.24	30.22	3.29	29.09	3.38
	30	28	35.87	3.13	34.76	3.23	33.56	3.33	32.95	3.40	32.45	3.46	31.26	3.55
	35	32	38.32	3.28	37.10	3.39	35.84	3.48	35.20	3.56	34.68	3.63	33.43	3.72
	40	36	40.28	3.37	39.15	3.49	37.90	3.59	37.24	3.66	36.72	3.72	35.39	3.82
	45	41	42.72	3.49	41.70	3.61	40.47	3.72	39.80	3.79	39.26	3.84	37.83	3.96
	47	43	43.70	3.54	42.72	3.66	41.50	3.77	**40.82**	**3.84**	40.28	3.89	38.81	4.01
	50	46	43.82	3.52	42.94	3.62	41.88	3.73	41.27	3.79	40.78	3.83	39.41	3.93
	55	51	44.04	3.48	43.31	3.57	42.51	3.65	42.02	3.69	41.63	3.73	40.40	3.81
	60	56	44.25	3.44	43.68	3.51	43.14	3.58	42.77	3.60	42.47	3.62	41.39	3.68
	63	59	44.38	3.42	43.90	3.48	43.52	3.53	43.22	3.55	42.98	3.56	41.98	3.60
	68	64	44.51	3.40	44.12	3.44	43.90	3.48	43.67	3.49	43.49	3.50	42.58	3.53
Ducted Indoor Units 32 (60%)	0	-0.4	18.14	2.03	17.10	2.11	17.07	2.14	16.69	2.16	16.38	2.17	15.69	2.25
	5	4.5	20.92	2.11	19.95	2.19	19.65	2.23	19.23	2.26	18.90	2.28	18.14	2.35
	10	9	22.78	2.18	21.86	2.26	21.37	2.32	20.94	2.35	20.59	2.37	19.78	2.45
	17	15	24.82	2.28	23.96	2.35	23.27	2.43	**22.81**	**2.47**	22.45	2.50	21.59	2.57
	20	19	26.06	2.35	25.23	2.42	24.42	2.50	23.95	2.55	23.58	2.59	22.68	2.66
	25	23	28.13	2.46	27.29	2.53	26.34	2.63	25.85	2.68	25.45	2.73	24.49	2.80
	30	28	30.20	2.59	29.26	2.67	28.26	2.76	27.74	2.82	27.33	2.87	26.32	2.94
	35	32	32.27	2.71	31.24	2.81	30.18	2.88	29.64	2.95	29.20	3.00	28.15	3.08
	40	36	33.91	2.79	32.96	2.89	31.91	2.97	31.36	3.03	30.91	3.08	29.79	3.17
	45	41	35.97	2.89	35.11	2.99	34.07	3.08	33.51	3.14	33.06	3.18	31.86	3.28
	47	43	36.79	2.93	35.97	3.03	34.94	3.13	**34.37**	**3.18**	33.91	3.22	32.68	3.32
	50	46	36.90	2.91	36.15	3.00	35.26	3.09	34.75	3.13	34.34	3.17	33.18	3.26
	55	51	37.08	2.88	36.46	2.95	35.79	3.02	35.38	3.06	35.05	3.09	34.01	3.15
	60	56	37.26	2.85	36.77	2.91	36.32	2.96	36.01	2.98	35.76	3.00	34.85	3.05
	63	59	37.37	2.83	36.96	2.88	36.64	2.92	36.39	2.94	36.19	2.95	35.35	2.98
	68	64	37.48	2.82	37.15	2.85	36.96	2.88	36.77	2.89	36.62	2.90	35.86	2.92
Ducted Indoor Units 27 (50%)	0	-0.4	15.31	1.69	14.43	1.75	14.41	1.78	14.08	1.79	13.82	1.80	13.24	1.87
	5	4.5	17.65	1.75	16.84	1.82	16.58	1.85	16.23	1.87	15.95	1.89	15.31	1.95
	10	9	19.22	1.81	18.45	1.87	18.03	1.92	17.67	1.95	17.37	1.97	16.69	2.03
	17	15	20.95	1.89	20.22	1.95	19.63	2.02	**19.25**	**2.05**	18.94	2.08	18.21	2.14
	20	19	21.99	1.95	21.29	2.01	20.61	2.08	20.21	2.12	19.89	2.15	19.14	2.21
	25	23	23.73	2.04	23.03	2.10	22.23	2.18	21.81	2.23	21.47	2.26	20.66	2.32
	30	28	25.48	2.15	24.69	2.22	23.84	2.29	23.41	2.34	23.06	2.38	22.21	2.44
	35	32	27.23	2.25	26.36	2.33	25.46	2.39	25.00	2.45	24.64	2.49	23.75	2.56
	40	36	28.61	2.32	27.81	2.40	26.92	2.47	26.46	2.52	26.08	2.56	25.14	2.63
	45	41	30.35	2.40	29.62	2.48	28.75	2.56	28.27	2.61	27.89	2.64	26.88	2.72
	47	43	31.04	2.43	30.35	2.51	29.48	2.60	**29.00**	**2.64**	28.61	2.68	27.57	2.76
	50	46	31.13	2.42	30.51	2.49	29.75	2.56	29.32	2.60	28.97	2.63	28.00	2.70
	55	51	31.29	2.39	30.77	2.45	30.20	2.51	29.85	2.54	29.57	2.56	28.70	2.62
	60	56	31.44	2.37	31.03	2.41	30.65	2.46	30.38	2.48	30.17	2.49	29.40	2.53
	63	59	31.53	2.35	31.19	2.39	30.92	2.43	30.70	2.44	30.53	2.45	29.83	2.48
	68	64	31.62	2.34	31.34	2.37	31.19	2.39	31.03	2.40	30.90	2.41	30.25	2.43

TC = Total Capacity (kBtu/h).

PI = Power Input (kW).

Nominal Capacity as rated: 0 ft. above sea level with Piping Length as Main Pipe (16.4 ft.) + Branch pipe (98.4 ft.) = 115 ft.

0 ft. level difference between outdoor and indoor units.

Nominal heating capacity rating obtained with air entering the indoor unit at 70°F dry bulb (DB) and 60°F wet bulb (WB), and outdoor ambient conditions of 47°F dry bulb (DB) and 43°F wet bulb (WB).

Due to our policy of continuous product innovation, some specifications may change without notification.
©LG Electronics U.S.A., Inc., Englewood Cliffs, NJ. All rights reserved. "LG" is a registered trademark of LG Corp.

PERFORMANCE DATA

Heating Capacity Tables

Table 147: LMU540HV Heating Capacity Table — Ducted (continued) / Mixed Indoor Units.

Combination Capacity Index (kBtu/h[%])	Outdoor Air Temp.		Indoor Air Temp. °F DB											
			61		64		68		70		72		75	
	°F DB	°F WB	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
Ducted Indoor Units 24 (40%)	0	-0.4	13.61	1.47	12.83	1.53	12.81	1.55	12.52	1.57	12.29	1.58	11.77	1.63
	5	4.5	15.69	1.53	14.97	1.59	14.74	1.62	14.43	1.64	14.18	1.65	13.61	1.71
	10	9	17.09	1.59	16.40	1.64	16.03	1.68	15.71	1.70	15.44	1.72	14.84	1.78
	17	15	18.62	1.66	17.97	1.71	17.45	1.76	**17.11**	**1.79**	16.84	1.82	16.19	1.87
	20	19	19.55	1.70	18.93	1.76	18.32	1.82	17.97	1.85	17.68	1.88	17.01	1.93
	25	23	21.10	1.79	20.47	1.84	19.76	1.91	19.39	1.95	19.09	1.98	18.37	2.03
	30	28	22.65	1.88	21.95	1.94	21.20	2.00	20.81	2.05	20.50	2.08	19.74	2.13
	35	32	24.20	1.97	23.43	2.04	22.64	2.09	22.23	2.14	21.90	2.18	21.11	2.24
	40	36	25.44	2.03	24.72	2.10	23.93	2.16	23.52	2.20	23.19	2.24	22.35	2.30
	45	41	26.98	2.10	26.33	2.17	25.56	2.24	25.13	2.28	24.79	2.31	23.89	2.38
	47	43	27.60	2.13	26.98	2.20	26.21	2.27	**25.78**	**2.31**	25.44	2.34	24.51	2.41
	50	46	27.68	2.12	27.12	2.18	26.45	2.24	26.06	2.28	25.76	2.30	24.89	2.37
	55	51	27.81	2.09	27.35	2.15	26.85	2.20	26.54	2.22	26.29	2.24	25.51	2.29
	60	56	27.95	2.07	27.58	2.11	27.24	2.15	27.01	2.17	26.82	2.18	26.14	2.21
	63	59	28.03	2.06	27.72	2.09	27.48	2.12	27.29	2.13	27.14	2.14	26.51	2.17
	68	64	28.11	2.05	27.86	2.07	27.72	2.10	27.58	2.10	27.47	2.11	26.89	2.12
Mixed Indoor Units 73 (135%)	0	-0.4	30.38	3.78	28.60	3.93	28.59	3.98	27.94	4.02	27.42	4.04	26.26	4.19
	5	4.5	35.75	3.94	34.09	4.08	33.58	4.16	32.87	4.21	32.30	4.25	31.00	4.39
	10	9	39.35	4.08	37.76	4.22	36.92	4.33	36.17	4.39	35.57	4.43	34.17	4.57
	17	15	43.31	4.27	41.80	4.41	40.60	4.55	**39.80**	**4.62**	39.17	4.68	37.66	4.82
	20	19	45.71	4.40	44.25	4.54	42.83	4.69	42.00	4.78	41.35	4.85	39.77	4.98
	25	23	49.70	4.63	48.23	4.76	46.55	4.94	45.67	5.04	44.97	5.12	43.28	5.26
	30	28	53.71	4.88	52.05	5.04	50.26	5.19	49.34	5.31	48.60	5.40	46.82	5.53
	35	32	57.72	5.12	55.88	5.30	53.98	5.44	53.01	5.57	52.23	5.67	50.35	5.81
	40	36	60.66	5.27	58.96	5.45	57.08	5.61	56.09	5.73	55.30	5.82	53.30	5.97
	45	41	64.34	5.46	62.80	5.64	60.95	5.82	59.94	5.92	59.13	6.01	56.98	6.18
	47	43	65.81	5.53	64.34	5.72	62.50	5.90	**61.48**	**6.00**	60.66	6.08	58.46	6.26
	50	46	66.00	5.50	64.67	5.66	63.07	5.83	62.16	5.91	61.43	5.98	59.35	6.15
	55	51	66.33	5.44	65.23	5.57	64.02	5.71	63.29	5.77	62.70	5.82	60.84	5.95
	60	56	66.65	5.38	65.78	5.49	64.97	5.59	64.42	5.63	63.97	5.66	62.33	5.75
	63	59	66.84	5.35	66.11	5.43	65.54	5.51	65.09	5.54	64.73	5.56	63.23	5.63
	68	64	67.04	5.31	66.45	5.38	66.12	5.44	65.78	5.46	65.51	5.47	64.14	5.51
Mixed Indoor Units 70 (130%)	0	-0.4	30.10	3.73	28.34	3.87	28.33	3.93	27.69	3.96	27.17	3.99	26.02	4.13
	5	4.5	35.43	3.88	33.78	4.03	33.28	4.11	32.58	4.15	32.01	4.19	30.72	4.33
	10	9	39.00	4.03	37.42	4.17	36.59	4.27	35.85	4.33	35.25	4.37	33.86	4.51
	17	15	42.92	4.22	41.43	4.35	40.24	4.49	**39.45**	**4.56**	38.82	4.62	37.32	4.76
	20	19	45.30	4.34	43.86	4.48	42.44	4.63	41.63	4.72	40.98	4.79	39.42	4.92
	25	23	49.26	4.57	47.80	4.70	46.14	4.88	45.26	4.98	44.57	5.05	42.89	5.19
	30	28	53.23	4.81	51.59	4.97	49.81	5.12	48.90	5.23	48.17	5.33	46.40	5.46
	35	32	57.21	5.05	55.38	5.23	53.50	5.37	52.54	5.49	51.77	5.59	49.90	5.73
	40	36	60.12	5.20	58.43	5.38	56.57	5.53	55.59	5.65	54.80	5.74	52.82	5.89
	45	41	63.76	5.39	62.24	5.57	60.41	5.74	59.40	5.84	58.60	5.93	56.47	6.10
	47	43	65.22	5.46	63.76	5.64	61.94	5.82	**60.93**	**5.92**	60.12	6.00	57.93	6.18
	50	46	65.41	5.42	64.09	5.59	62.51	5.75	61.60	5.84	60.88	5.90	58.82	6.06
	55	51	65.73	5.37	64.64	5.50	63.45	5.63	62.72	5.69	62.14	5.75	60.30	5.87
	60	56	66.05	5.31	65.19	5.41	64.39	5.51	63.84	5.55	63.40	5.59	61.78	5.67
	63	59	66.24	5.28	65.52	5.36	64.96	5.44	64.51	5.47	64.15	5.49	62.66	5.56
	68	64	66.44	5.24	65.85	5.31	65.52	5.37	65.19	5.38	64.92	5.40	63.56	5.44

TC = Total Capacity (kBtu/h).

PI = Power Input (kW).

Nominal Capacity as rated: 0 ft. above sea level with Piping Length as Main Pipe (16.4 ft.) + Branch pipe (98.4 ft.) = 115 ft.

0 ft. level difference between outdoor and indoor units.

Nominal heating capacity rating obtained with air entering the indoor unit at 70°F dry bulb (DB) and 60°F wet bulb (WB), and outdoor ambient conditions of 47°F dry bulb (DB) and 43°F wet bulb (WB).

Due to our policy of continuous product innovation, some specifications may change without notification.
©LG Electronics U.S.A., Inc., Englewood Cliffs, NJ. All rights reserved. "LG" is a registered trademark of LG Corp.

PERFORMANCE DATA

Heating Capacity Tables

Table 148: LMU540HV Heating Capacity Table —Mixed Indoor Units (continued).

Combination Capacity Index (kBtu/h[%])	Outdoor Air Temp.		Indoor Air Temp. °F DB											
			61		64		68		70		72		75	
	°F DB	°F WB	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
Mixed Indoor Units 65 (120%)	0	-0.4	29.65	3.65	27.92	3.79	27.91	3.84	27.27	3.88	26.77	3.90	25.64	4.04
	5	4.5	34.90	3.80	33.28	3.94	32.78	4.02	32.09	4.06	31.53	4.10	30.26	4.24
	10	9	38.42	3.94	36.86	4.07	36.05	4.18	35.31	4.23	34.73	4.28	33.36	4.41
	17	15	42.28	4.12	40.81	4.26	39.63	4.39	**38.86**	**4.46**	38.24	4.52	36.77	4.65
	20	19	44.62	4.25	43.20	4.38	41.81	4.53	41.01	4.61	40.36	4.68	38.83	4.81
	25	23	48.52	4.47	47.09	4.60	45.45	4.77	44.59	4.87	43.90	4.94	42.25	5.07
	30	28	52.44	4.70	50.82	4.86	49.07	5.01	48.17	5.12	47.45	5.21	45.71	5.34
	35	32	56.35	4.94	54.56	5.12	52.70	5.25	51.75	5.37	50.99	5.47	49.15	5.60
	40	36	59.22	5.09	57.56	5.26	55.72	5.41	54.76	5.52	53.99	5.62	52.03	5.76
	45	41	62.81	5.27	61.31	5.44	59.50	5.61	58.52	5.71	57.73	5.80	55.63	5.96
	47	43	64.25	5.34	62.81	5.52	61.02	5.69	**60.02**	**5.79**	59.22	5.87	57.07	6.04
	50	46	64.44	5.31	63.14	5.46	61.57	5.62	60.68	5.71	59.97	5.77	57.94	5.93
	55	51	64.75	5.25	63.68	5.38	62.50	5.51	61.78	5.57	61.21	5.62	59.40	5.74
	60	56	65.07	5.19	64.22	5.29	63.43	5.39	62.89	5.43	62.45	5.46	60.85	5.55
	63	59	65.25	5.16	64.54	5.24	63.98	5.32	63.55	5.35	63.20	5.37	61.73	5.43
	68	64	65.44	5.13	64.87	5.19	64.55	5.25	64.22	5.27	63.95	5.28	62.61	5.32
Mixed Indoor Units 59 (110%)	0	-0.4	29.11	3.55	27.41	3.68	27.40	3.74	26.77	3.77	26.28	3.79	25.17	3.93
	5	4.5	34.26	3.69	32.67	3.83	32.18	3.91	31.50	3.95	30.96	3.98	29.71	4.12
	10	9	37.71	3.83	36.19	3.96	35.38	4.06	34.66	4.12	34.09	4.16	32.75	4.29
	17	15	41.51	4.01	40.06	4.14	38.91	4.27	**38.15**	**4.34**	37.54	4.39	36.09	4.52
	20	19	43.80	4.13	42.41	4.26	41.04	4.40	40.26	4.49	39.62	4.55	38.12	4.68
	25	23	47.63	4.34	46.22	4.47	44.62	4.64	43.77	4.73	43.10	4.81	41.47	4.93
	30	28	51.48	4.57	49.88	4.73	48.17	4.87	47.29	4.98	46.58	5.06	44.87	5.19
	35	32	55.32	4.81	53.56	4.98	51.73	5.11	50.80	5.22	50.06	5.32	48.25	5.45
	40	36	58.14	4.95	56.50	5.12	54.70	5.26	53.75	5.37	53.00	5.46	51.08	5.60
	45	41	61.66	5.12	60.19	5.29	58.41	5.46	57.44	5.56	56.67	5.64	54.61	5.80
	47	43	63.07	5.19	61.66	5.36	59.90	5.53	**58.92**	**5.63**	58.14	5.71	56.02	5.88
	50	46	63.26	5.16	61.98	5.31	60.45	5.47	59.57	5.55	58.87	5.62	56.88	5.77
	55	51	63.56	5.10	62.51	5.23	61.36	5.35	60.65	5.42	60.09	5.46	58.31	5.58
	60	56	63.87	5.05	63.04	5.15	62.27	5.24	61.73	5.28	61.31	5.31	59.74	5.40
	63	59	64.06	5.02	63.36	5.10	62.81	5.17	62.38	5.20	62.04	5.22	60.60	5.28
	68	64	64.24	4.98	63.68	5.05	63.36	5.11	63.04	5.12	62.78	5.13	61.47	5.17
Mixed Indoor Units 54 (100%)	0	-0.4	28.66	3.46	26.98	3.59	26.97	3.65	26.36	3.68	25.87	3.70	24.77	3.83
	5	4.5	33.73	3.60	32.16	3.73	31.68	3.81	31.01	3.85	30.47	3.89	29.24	4.02
	10	9	37.12	3.73	35.62	3.86	34.83	3.96	34.12	4.01	33.56	4.06	32.24	4.19
	17	15	40.86	3.91	39.44	4.04	38.30	4.16	**37.55**	**4.23**	36.95	4.29	35.53	4.41
	20	19	43.12	4.03	41.75	4.15	40.40	4.29	39.63	4.37	39.01	4.44	37.52	4.56
	25	23	46.89	4.24	45.50	4.36	43.92	4.52	43.09	4.61	42.42	4.69	40.83	4.81
	30	28	50.67	4.46	49.11	4.61	47.42	4.75	46.55	4.85	45.85	4.94	44.17	5.06
	35	32	54.45	4.69	52.72	4.85	50.93	4.98	50.01	5.09	49.28	5.19	47.50	5.31
	40	36	57.23	4.82	55.62	4.99	53.85	5.13	52.92	5.24	52.17	5.32	50.28	5.47
	45	41	60.70	4.99	59.25	5.16	57.50	5.32	56.55	5.42	55.78	5.50	53.76	5.66
	47	43	62.09	5.06	60.70	5.23	58.96	5.40	**58.00**	**5.49**	57.23	5.56	55.15	5.73
	50	46	62.27	5.03	61.01	5.18	59.50	5.33	58.64	5.41	57.95	5.48	55.99	5.62
	55	51	62.57	4.98	61.53	5.10	60.40	5.22	59.70	5.28	59.15	5.33	57.40	5.44
	60	56	62.88	4.92	62.06	5.02	61.29	5.11	60.77	5.15	60.35	5.18	58.81	5.26
	63	59	63.06	4.89	62.37	4.97	61.83	5.05	61.41	5.07	61.07	5.09	59.65	5.15
	68	64	63.24	4.86	62.69	4.92	62.37	4.98	62.05	4.99	61.80	5.00	60.51	5.05

TC = Total Capacity (kBtu/h).

PI = Power Input (kW).

Nominal Capacity as rated: 0 ft. above sea level with Piping Length as Main Pipe (16.4 ft.) + Branch pipe (98.4 ft.) = 115 ft.

0 ft. level difference between outdoor and indoor units.

Nominal heating capacity rating obtained with air entering the indoor unit at 70°F dry bulb (DB) and 60°F wet bulb (WB), and outdoor ambient conditions of 47°F dry bulb (DB) and 43°F wet bulb (WB).

Due to our policy of continuous product innovation, some specifications may change without notification.
©LG Electronics U.S.A., Inc., Englewood Cliffs, NJ. All rights reserved. "LG" is a registered trademark of LG Corp.

PERFORMANCE DATA

Heating Capacity Tables

Table 149: LMU540HV Heating Capacity Table —Mixed Indoor Units (continued).

Combination Capacity Index (kBtu/h[%])	Outdoor Air Temp.		Indoor Air Temp. °F DB											
			61		64		68		70		72		75	
	°F DB	°F WB	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
Mixed Indoor Units 49 (90%)	0	-0.4	26.00	3.12	24.48	3.24	24.47	3.29	23.92	3.31	23.47	3.33	22.48	3.46
	5	4.5	30.60	3.25	29.18	3.37	28.75	3.43	28.14	3.47	27.65	3.50	26.54	3.62
	10	9	33.69	3.37	32.33	3.48	31.61	3.57	30.96	3.62	30.45	3.66	29.25	3.77
	17	15	37.07	3.53	35.78	3.64	34.75	3.75	**34.07**	**3.81**	33.53	3.86	32.24	3.98
	20	19	39.13	3.63	37.88	3.74	36.66	3.87	35.96	3.94	35.39	4.00	34.05	4.11
	25	23	42.55	3.82	41.29	3.93	39.85	4.08	39.10	4.16	38.50	4.23	37.05	4.34
	30	28	45.98	4.02	44.56	4.15	43.03	4.28	42.24	4.38	41.61	4.45	40.08	4.56
	35	32	49.41	4.22	47.84	4.38	46.21	4.49	45.38	4.59	44.72	4.68	43.10	4.79
	40	36	51.93	4.35	50.47	4.50	48.86	4.63	48.02	4.72	47.34	4.80	45.62	4.93
	45	41	55.08	4.50	53.76	4.65	52.18	4.80	51.31	4.89	50.62	4.96	48.78	5.10
	47	43	56.34	4.56	55.08	4.72	53.50	4.87	**52.63**	**4.95**	51.93	5.02	50.04	5.17
	50	46	56.50	4.54	55.36	4.67	53.99	4.81	53.21	4.88	52.58	4.94	50.81	5.07
	55	51	56.78	4.49	55.84	4.60	54.81	4.71	54.18	4.76	53.67	4.80	52.08	4.91
	60	56	57.05	4.44	56.31	4.53	55.62	4.61	55.14	4.64	54.76	4.67	53.36	4.74
	63	59	57.22	4.41	56.60	4.48	56.11	4.55	55.72	4.57	55.42	4.59	54.13	4.65
	68	64	57.39	4.38	56.88	4.44	56.60	4.49	56.31	4.50	56.08	4.51	54.90	4.55
Mixed Indoor Units 43 (80%)	0	-0.4	22.82	2.71	21.49	2.81	21.48	2.86	20.99	2.88	20.60	2.90	19.73	3.00
	5	4.5	26.86	2.82	25.61	2.92	25.23	2.98	24.69	3.02	24.27	3.04	23.29	3.15
	10	9	29.56	2.93	28.37	3.03	27.74	3.10	27.18	3.14	26.72	3.18	25.67	3.28
	17	15	32.54	3.06	31.41	3.16	30.50	3.26	**29.90**	**3.31**	29.43	3.36	28.29	3.45
	20	19	34.34	3.16	33.25	3.25	32.18	3.36	31.56	3.43	31.06	3.48	29.88	3.57
	25	23	37.34	3.32	36.24	3.41	34.98	3.54	34.31	3.61	33.78	3.67	32.51	3.77
	30	28	40.36	3.49	39.11	3.61	37.76	3.72	37.07	3.80	36.52	3.87	35.17	3.96
	35	32	43.37	3.67	41.99	3.80	40.56	3.90	39.83	3.99	39.24	4.06	37.83	4.16
	40	36	45.58	3.78	44.30	3.91	42.88	4.02	42.14	4.10	41.55	4.17	40.04	4.28
	45	41	48.34	3.91	47.18	4.04	45.79	4.17	45.03	4.24	44.42	4.30	42.81	4.43
	47	43	49.44	3.97	48.34	4.10	46.96	4.23	**46.19**	**4.30**	45.58	4.36	43.92	4.49
	50	46	49.59	3.94	48.59	4.06	47.39	4.18	46.70	4.24	46.15	4.29	44.59	4.40
	55	51	49.83	3.90	49.00	3.99	48.10	4.09	47.55	4.14	47.11	4.17	45.71	4.26
	60	56	50.07	3.86	49.42	3.93	48.81	4.00	48.40	4.03	48.06	4.06	46.83	4.12
	63	59	50.22	3.83	49.67	3.89	49.24	3.95	48.90	3.97	48.63	3.99	47.50	4.04
	68	64	50.36	3.81	49.92	3.86	49.67	3.90	49.42	3.91	49.21	3.92	48.19	3.95
Mixed Indoor Units 38 (70%)	0	-0.4	20.17	2.36	18.99	2.45	18.98	2.49	18.55	2.51	18.20	2.53	17.44	2.62
	5	4.5	23.74	2.46	22.63	2.55	22.30	2.60	21.82	2.63	21.45	2.65	20.58	2.74
	10	9	26.13	2.55	25.07	2.64	24.51	2.70	24.02	2.74	23.62	2.77	22.69	2.86
	17	15	28.76	2.67	27.75	2.76	26.96	2.84	**26.43**	**2.89**	26.00	2.93	25.00	3.01
	20	19	30.35	2.75	29.38	2.84	28.44	2.93	27.89	2.99	27.45	3.03	26.41	3.12
	25	23	33.00	2.89	32.02	2.98	30.91	3.09	30.32	3.15	29.86	3.20	28.73	3.29
	30	28	35.66	3.05	34.56	3.15	33.37	3.24	32.76	3.32	32.27	3.37	31.08	3.46
	35	32	38.32	3.20	37.10	3.31	35.84	3.40	35.20	3.48	34.68	3.54	33.43	3.63
	40	36	40.28	3.29	39.15	3.41	37.90	3.50	37.24	3.58	36.72	3.64	35.39	3.73
	45	41	42.72	3.41	41.70	3.53	40.47	3.63	39.80	3.70	39.26	3.75	37.83	3.86
	47	43	43.70	3.46	42.72	3.57	41.50	3.69	**40.82**	**3.75**	40.28	3.80	38.81	3.92
	50	46	43.82	3.44	42.94	3.54	41.88	3.64	41.27	3.70	40.78	3.74	39.41	3.84
	55	51	44.04	3.40	43.31	3.48	42.51	3.57	42.02	3.61	41.63	3.64	40.40	3.72
	60	56	44.25	3.36	43.68	3.43	43.14	3.49	42.77	3.52	42.47	3.54	41.39	3.59
	63	59	44.38	3.34	43.90	3.40	43.52	3.45	43.22	3.46	42.98	3.48	41.98	3.52
	68	64	44.51	3.32	44.12	3.36	43.90	3.40	43.67	3.41	43.49	3.42	42.58	3.45

TC = Total Capacity (kBtu/h).

PI = Power Input (kW).

Nominal Capacity as rated: 0 ft. above sea level with Piping Length as Main Pipe (16.4 ft.) + Branch pipe (98.4 ft.) = 115 ft.

0 ft. level difference between outdoor and indoor units.

Nominal heating capacity rating obtained with air entering the indoor unit at 70ºF dry bulb (DB) and 60ºF wet bulb (WB), and outdoor ambient conditions of 47ºF dry bulb (DB) and 43ºF wet bulb (WB).

Due to our policy of continuous product innovation, some specifications may change without notification.
©LG Electronics U.S.A., Inc., Englewood Cliffs, NJ. All rights reserved. "LG" is a registered trademark of LG Corp.

PERFORMANCE DATA

Heating Capacity Tables

Table 150: LMU540HV Heating Capacity Table —Mixed Indoor Units (continued).

Combination Capacity Index (kBtu/h[%])	Outdoor Air Temp.		Indoor Air Temp. °F DB											
			61		64		68		70		72		75	
	°F DB	°F WB	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
Mixed Indoor Units 32 (60%)	0	-0.4	16.98	1.95	15.99	2.03	15.98	2.06	15.62	2.08	15.33	2.09	14.68	2.16
	5	4.5	19.99	2.03	19.06	2.11	18.77	2.15	18.38	2.17	18.06	2.19	17.33	2.27
	10	9	22.00	2.11	21.11	2.18	20.64	2.24	20.22	2.27	19.89	2.29	19.10	2.36
	17	15	24.21	2.21	23.37	2.28	22.70	2.35	**22.25**	**2.39**	21.90	2.42	21.05	2.49
	20	19	25.55	2.27	24.74	2.34	23.94	2.42	23.48	2.47	23.11	2.51	22.24	2.58
	25	23	27.79	2.39	26.96	2.46	26.03	2.55	25.53	2.61	25.14	2.65	24.19	2.72
	30	28	30.03	2.52	29.10	2.60	28.10	2.68	27.58	2.74	27.17	2.79	26.17	2.86
	35	32	32.27	2.65	31.24	2.74	30.18	2.81	29.64	2.88	29.20	2.93	28.15	3.00
	40	36	33.91	2.72	32.96	2.82	31.91	2.90	31.36	2.96	30.91	3.01	29.79	3.09
	45	41	35.97	2.82	35.11	2.91	34.07	3.00	33.51	3.06	33.06	3.10	31.86	3.19
	47	43	36.79	2.86	35.97	2.95	34.94	3.05	**34.37**	**3.10**	33.91	3.14	32.68	3.24
	50	46	36.90	2.84	36.15	2.93	35.26	3.01	34.75	3.06	34.34	3.09	33.18	3.18
	55	51	37.08	2.81	36.46	2.88	35.79	2.95	35.38	2.98	35.05	3.01	34.01	3.07
	60	56	37.26	2.78	36.77	2.83	36.32	2.89	36.01	2.91	35.76	2.93	34.85	2.97
	63	59	37.37	2.76	36.96	2.81	36.64	2.85	36.39	2.86	36.19	2.88	35.35	2.91
	68	64	37.48	2.74	37.15	2.78	36.96	2.81	36.77	2.82	36.62	2.83	35.86	2.85
Mixed Indoor Units 27 (50%)	0	-0.4	14.33	1.61	13.49	1.67	13.49	1.70	13.18	1.71	12.93	1.72	12.39	1.79
	5	4.5	16.86	1.68	16.08	1.74	15.84	1.78	15.50	1.80	15.24	1.81	14.62	1.87
	10	9	18.56	1.74	17.81	1.80	17.42	1.85	17.06	1.87	16.78	1.89	16.12	1.95
	17	15	20.43	1.82	19.72	1.88	19.15	1.94	**18.78**	**1.97**	18.47	2.00	17.76	2.06
	20	19	21.56	1.88	20.87	1.94	20.20	2.00	19.81	2.04	19.50	2.07	18.76	2.13
	25	23	23.45	1.97	22.75	2.03	21.96	2.11	21.54	2.15	21.21	2.19	20.41	2.24
	30	28	25.34	2.08	24.55	2.15	23.71	2.21	23.27	2.26	22.93	2.30	22.08	2.36
	35	32	27.23	2.18	26.36	2.26	25.46	2.32	25.00	2.38	24.64	2.42	23.75	2.48
	40	36	28.61	2.25	27.81	2.33	26.92	2.39	26.46	2.44	26.08	2.48	25.14	2.55
	45	41	30.35	2.33	29.62	2.41	28.75	2.48	28.27	2.53	27.89	2.56	26.88	2.64
	47	43	31.04	2.36	30.35	2.44	29.48	2.52	**29.00**	**2.56**	28.61	2.59	27.57	2.67
	50	46	31.13	2.35	30.51	2.42	29.75	2.49	29.32	2.52	28.97	2.55	28.00	2.62
	55	51	31.29	2.32	30.77	2.38	30.20	2.43	29.85	2.46	29.57	2.48	28.70	2.54
	60	56	31.44	2.30	31.03	2.34	30.65	2.38	30.38	2.40	30.17	2.42	29.40	2.45
	63	59	31.53	2.28	31.19	2.32	30.92	2.35	30.70	2.36	30.53	2.37	29.83	2.40
	68	64	31.62	2.27	31.34	2.30	31.19	2.32	31.03	2.33	30.90	2.33	30.25	2.35
Mixed Indoor Units 24 (40%)	0	-0.4	12.74	1.41	11.99	1.47	11.99	1.49	11.72	1.50	11.50	1.51	11.01	1.56
	5	4.5	14.99	1.47	14.29	1.52	14.08	1.55	13.78	1.57	13.54	1.59	13.00	1.64
	10	9	16.50	1.52	15.83	1.58	15.48	1.62	15.17	1.64	14.92	1.66	14.33	1.71
	17	15	18.16	1.60	17.53	1.65	17.02	1.70	**16.69**	**1.73**	16.42	1.75	15.79	1.80
	20	19	19.17	1.64	18.56	1.69	17.96	1.75	17.61	1.78	17.34	1.81	16.68	1.86
	25	23	20.84	1.73	20.22	1.78	19.52	1.85	19.15	1.88	18.86	1.91	18.15	1.96
	30	28	22.52	1.82	21.83	1.88	21.08	1.94	20.69	1.98	20.38	2.01	19.63	2.07
	35	32	24.20	1.91	23.43	1.98	22.64	2.03	22.23	2.08	21.90	2.12	21.11	2.17
	40	36	25.44	1.97	24.72	2.04	23.93	2.09	23.52	2.14	23.19	2.17	22.35	2.23
	45	41	26.98	2.04	26.33	2.11	25.56	2.17	25.13	2.21	24.79	2.24	23.89	2.31
	47	43	27.60	2.07	26.98	2.13	26.21	2.20	**25.78**	**2.24**	25.44	2.27	24.51	2.34
	50	46	27.68	2.05	27.12	2.11	26.45	2.18	26.06	2.21	25.76	2.23	24.89	2.29
	55	51	27.81	2.03	27.35	2.08	26.85	2.13	26.54	2.15	26.29	2.17	25.51	2.22
	60	56	27.95	2.01	27.58	2.05	27.24	2.09	27.01	2.10	26.82	2.11	26.14	2.15
	63	59	28.03	2.00	27.72	2.03	27.48	2.06	27.29	2.07	27.14	2.08	26.51	2.10
	68	64	28.11	1.98	27.86	2.01	27.72	2.03	27.58	2.04	27.47	2.04	26.89	2.06

TC = Total Capacity (kBtu/h).

PI = Power Input (kW).

Nominal Capacity as rated: 0 ft. above sea level with Piping Length as Main Pipe (16.4 ft.) + Branch pipe (98.4 ft.) = 115 ft.

0 ft. level difference between outdoor and indoor units.

Nominal heating capacity rating obtained with air entering the indoor unit at 70°F dry bulb (DB) and 60°F wet bulb (WB), and outdoor ambient conditions of 47°F dry bulb (DB) and 43°F wet bulb (WB).

Due to our policy of continuous product innovation, some specifications may change without notification.
©LG Electronics U.S.A., Inc., Englewood Cliffs, NJ. All rights reserved. "LG" is a registered trademark of LG Corp.

MULTI F MAX OUTDOOR UNIT

Electrical and Acoustic Data

Electrical Data

Table 151: LMU540HV Electrical Data.

Nominal Tons	Unit Model No.	Hertz	Voltage	Voltage Range (Min. to Max.)	MCA	MOP	Compressor Quantity	Compressor Motor RLA	Condenser Fan Motor(s)	
									Condenser Fan Quantity x kW	Condenser Fan Motor FLA
4.5	LMU540HV	60	208 - 230	187 - 253	26.4	40	1	18.5	2 x 0.12	1.25 x 2

Voltage tolerance is ±10%.

Maximum allowable voltage unbalance is 2%.

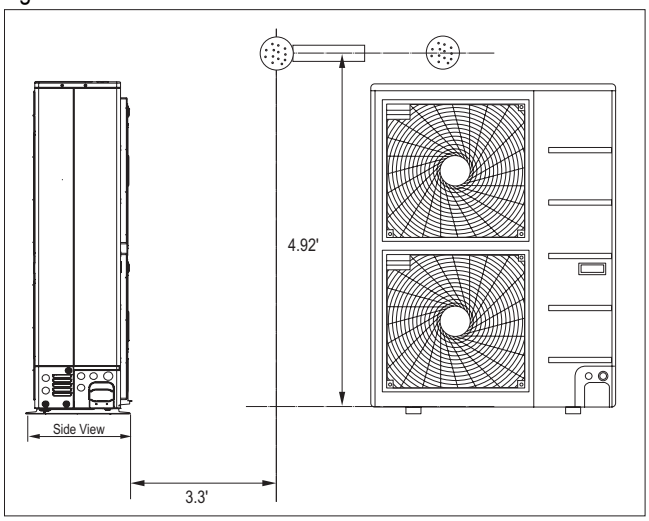
RLA = Rated Load Amps.

MCA = Minimum Circuit Ampacity.

Maximum Overcurrent Protection (MOP) is calculated as follows: (Largest motor FLA x 2.25) + (Sum of other motor FLA) rounded down to the nearest standard fuse size.

Acoustic Data

Figure 21: Sound Pressure Level Measurement Location.

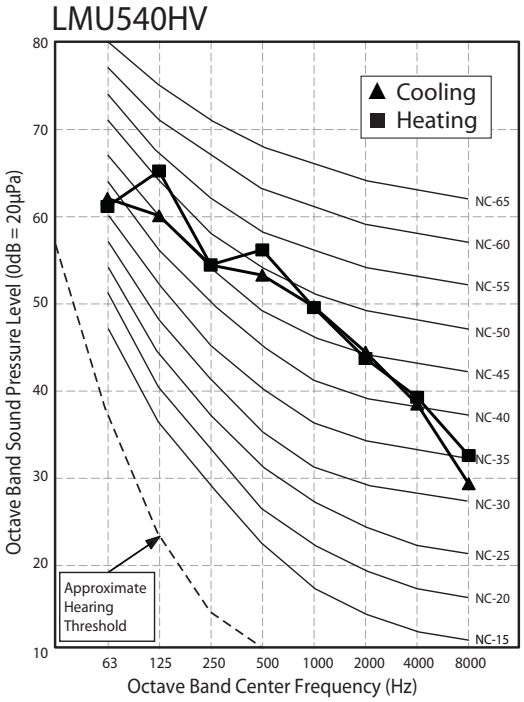


- Measurement taken 4.92' above finished floor, and at a distance of 3.3' from face of unit.
- Measurements taken with no attenuation and units operating at full load normal operating condition.
- Sound level will vary depending on a range of factors such as construction (acoustic absorption coefficient) of particular area in which the equipment is installed.
- Sound pressure levels are measured in dB(A) ±3.
- Tested in anechoic chamber per ISO Standard 3745.

Table 152: Sound Pressure Levels (dB[A]).

Model No.	Sound Pressure Levels (dB[A])	
	Cooling	Heating
LMU540HV	54	56

Figure 22: Sound Pressure Diagram.



Due to our policy of continuous product innovation, some specifications may change without notification.
©LG Electronics U.S.A., Inc., Englewood Cliffs, NJ. All rights reserved. "LG" is a registered trademark of LG Corp.

MULTI F MAX OUTDOOR UNIT

Refrigerant Flow Diagram

Figure 23: LMU540HV Refrigerant Flow Diagram.

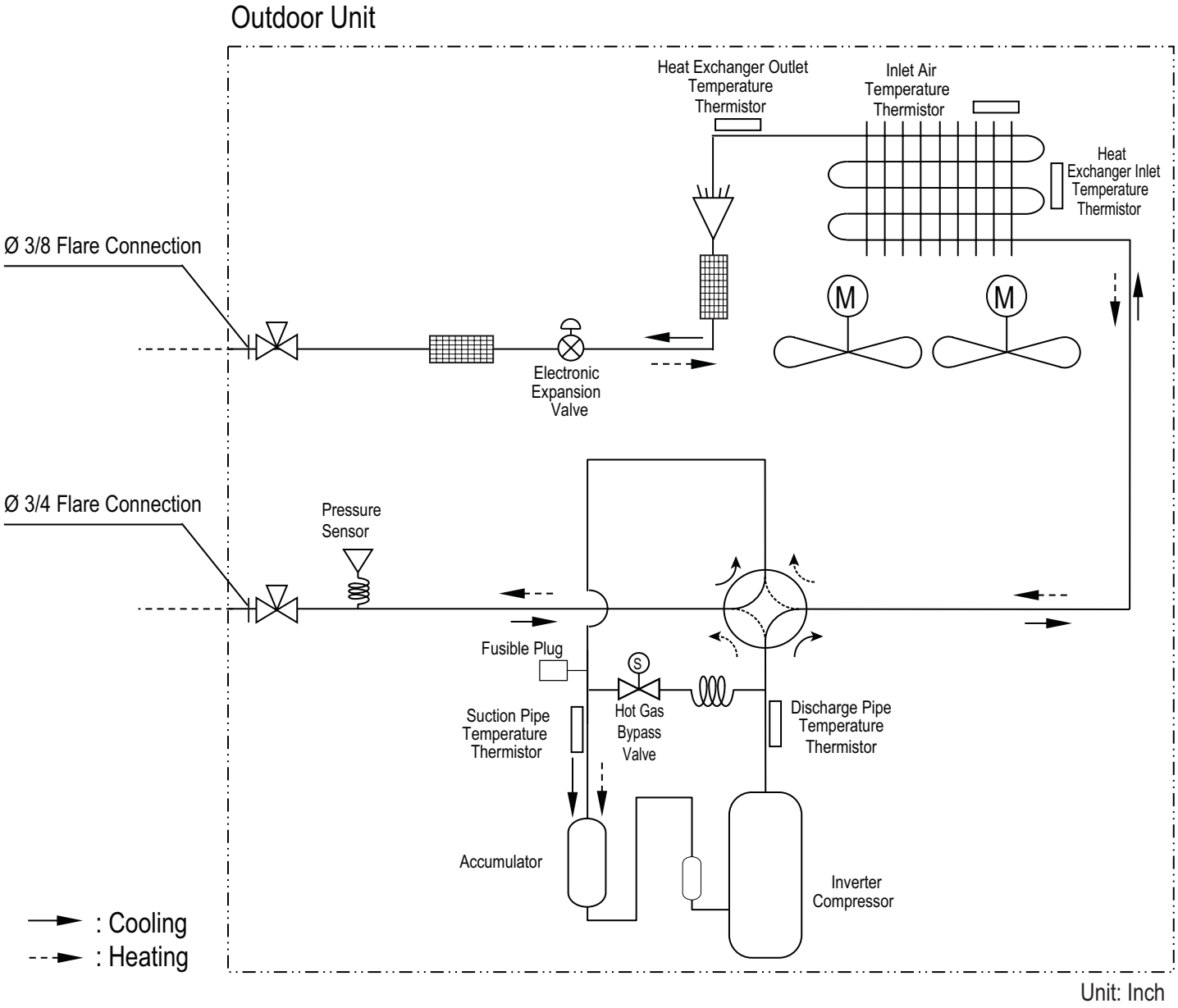
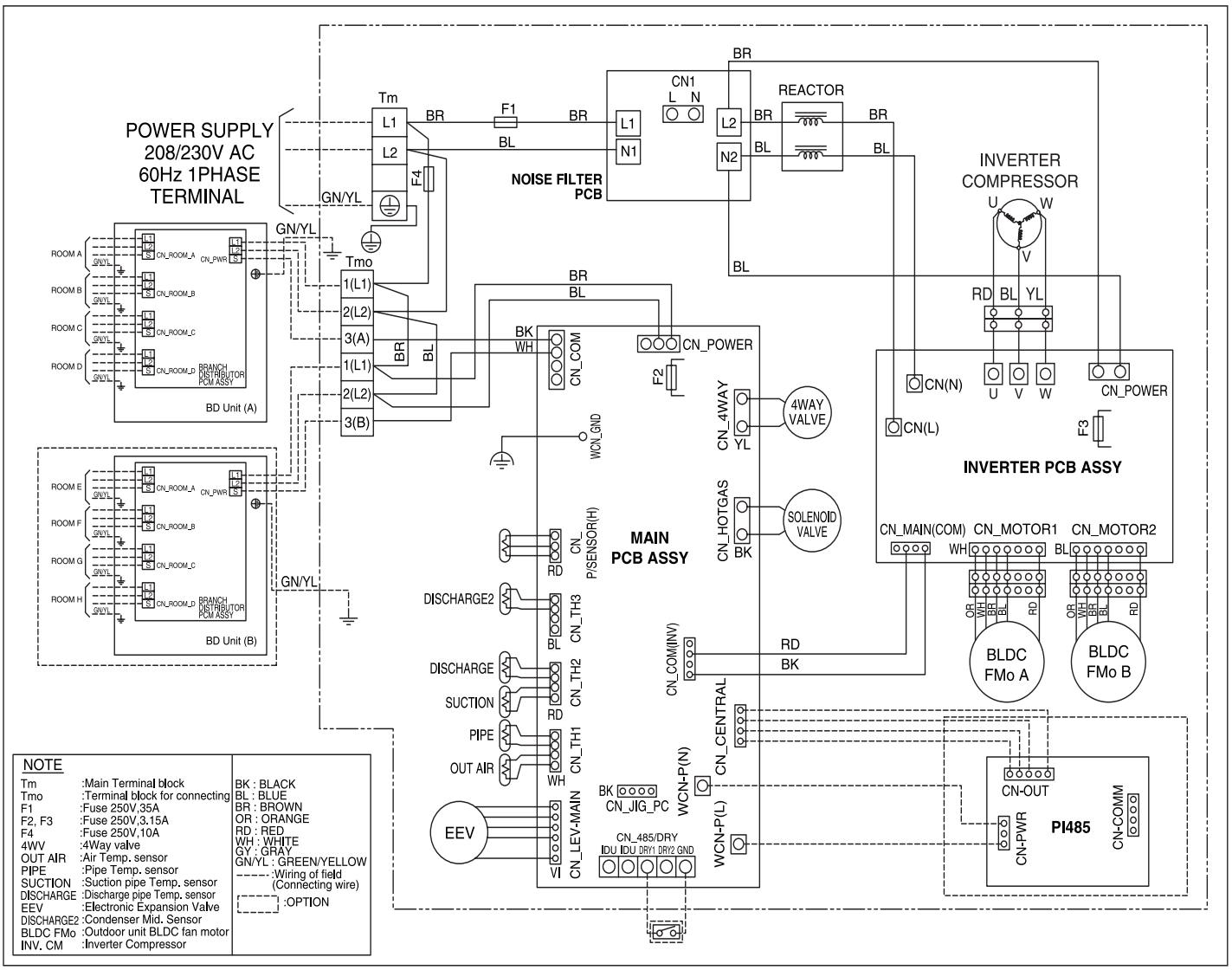


Table 153: LMU540HV Thermistor Details.

Description	PCB Connector
Heat Exchanger Inlet Temperature Thermistor	CN-TH3
Heat Exchanger Outlet Temperature Thermistor	CN-TH1
Inlet Air Temperature Thermistor	
Discharge Pipe Temperature Thermistor	CN-TH2
Suction Pipe Temperature Thermistor	
Pressure Sensor	CN-P/SENSOR(H)

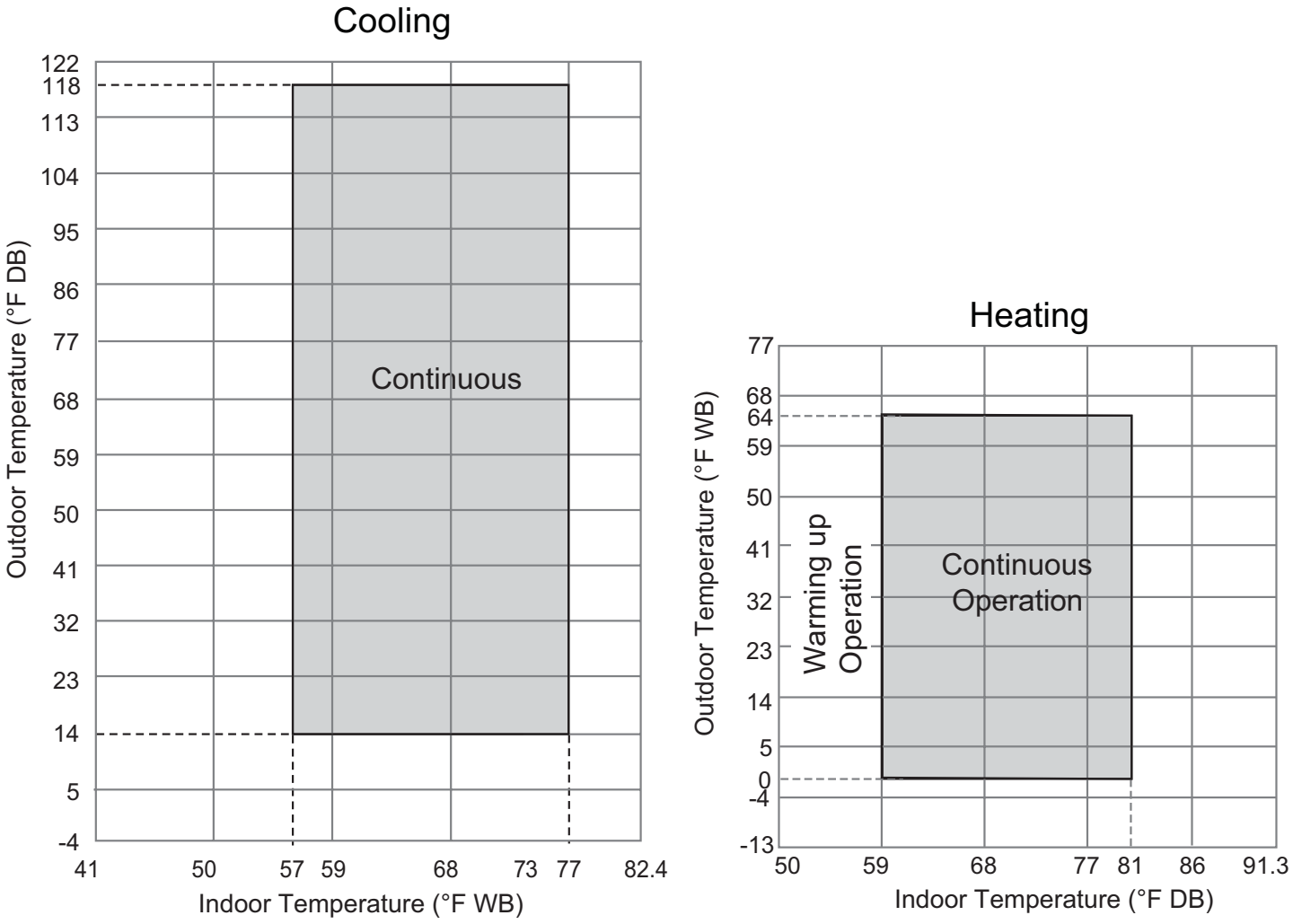
Due to our policy of continuous product innovation, some specifications may change without notification.
©LG Electronics U.S.A., Inc., Englewood Cliffs, NJ. All rights reserved. "LG" is a registered trademark of LG Corp.

Figure 24: LMU540HV Wiring Diagram.



Due to our policy of continuous product innovation, some specifications may change without notification.
©LG Electronics U.S.A., Inc., Englewood Cliffs, NJ. All rights reserved. "LG" is a registered trademark of LG Corp.

Figure 25: LMU540HV Cooling and Heating Operation Ranges.



Due to our policy of continuous product innovation, some specifications may change without notification.
©LG Electronics U.S.A., Inc., Englewood Cliffs, NJ. All rights reserved. "LG" is a registered trademark of LG Corp.

MULTI F MAX BD UNIT DATA

“Features and Benefits” on page 170
“Mechanical Specifications” on page 171
“General Data” on page 172
“Dimensions” on page 173
“Refrigerant Flow Diagram” on page 174
“Wiring Diagram” on page 175
“Y-Branch Accessory” on page 176
“Branch Distribution Unit Orientation” on page 177

MULTI F MAX BD UNIT

Features and Benefits

The Branch Distribution (BD) unit is a required accessory of Multi F MAX inverter-driven heat pump systems. Choose from two (2) port, three (3) port, or four (4) port BD units.

Two (2) refrigerant pipes-one (1) liquid line and one (1) vapor line-run from the outdoor unit to the BD unit that is installed inside of a building. Two (2), three (3), or four (4) sets of refrigerant lines will run from the BD unit to the indoor units, depending on type of BD unit selected. A Multi F MAX system can include up to two BD units (installed with the use of the Y-branch accessory PMBL5620) that support a total of eight (8) indoor units (up to four [4] indoor units per BD unit).

Figure 26: Example of Multi F MAX Heat Pump Inverter System with two BD Units



Due to our policy of continuous product innovation, some specifications may change without notification.
©LG Electronics U.S.A., Inc., Englewood Cliffs, NJ. All rights reserved. "LG" is a registered trademark of LG Corp.

MULTI F MAX BD UNIT

Mechanical Specifications

Branch Distribution Unit

General

Branch distribution units are designed for use with LG Multi F MAX (LMU540HV) outdoor units, and are internally piped, wired, assembled and run-tested at the factory. The branch distribution unit is used as an intermediate refrigerant control device between the outdoor unit and the indoor units to effectively and efficiently control the heating or cooling operation of the system through the use of electronic expansion valves.

Refrigerant System

System is designed for use with R410A refrigerant. All refrigerant lines from the outdoor unit to the branch distribution unit, and from the branch distribution unit to the indoor units, must be field insulated. The units may be connected to optional field-supplied and field-installed isolation valves for servicing without evacuating the entire system.

Piping Capabilities

Maximum piping length from the branch distribution unit to the indoor unit is 49.2 equivalent feet. Maximum elevation difference between branch distribution unit and indoor unit is 32.8 feet. Maximum elevation difference between two parallel branch distribution units is 49.2 feet.

Electrical

Each branch distribution unit is designed to operate using 208–230/60/1 power with voltage variances of ±10%.

Figure 27: PMBD3620 Two-Port Branch Distribution Unit.



Figure 28: PMBD3630 Three-Port Branch Distribution Unit.



Figure 29: PMBD3640 and PMBD3641 Four-Port Branch Distribution Unit.



Casing

The casing is designed to mount fully concealed above a finished ceiling, is manufactured of galvanized steel plate, and is internally insulated. Branch distribution units do not require a condensate drain.

Port Assembly

Branch distribution units have a two-pipe system consisting of one vapor pipe and one liquid pipe. Units are available in a choice of two (PMBD3620), three (PMBD3630) or four ports (PMBD3640 and PMBD3641); branch distribution units include two, two-positioned solenoid valves per port. Each port for PMBD3620, PMBD3630, and PMBD3640 units connect to one indoor unit for a maximum nominal capacity of 24,000 Btu/h. For PMBD3641 units, ports A, B, C each connect to one indoor unit for a maximum nominal capacity of 24,000 Btu/h; port D connect to one indoor unit for a nominal capacity of 36,000 Btu/h. Maximum nominal capacity per branch distribution unit is 73,000 Btu/h. Two branch distribution units can be piped in parallel using accessory Y-branch kit PMBL5620.

Controls

The unit is provided with factory-installed control boards and an integral microprocessor to communicate with the main control board in the outdoor unit. Communication between the branch distribution unit, the outdoor unit, and the indoor units is accomplished through a 18 AWG, four-core, stranded and shielded power / communication cable.

Due to our policy of continuous product innovation, some specifications may change without notification.
©LG Electronics U.S.A., Inc., Englewood Cliffs, NJ. All rights reserved. "LG" is a registered trademark of LG Corp.

MULTI F MAX BD UNIT

General Data

Table 154: Multi F MAX BD Unit General Data.

Model Number		PMBD3620	PMBD3630	PMBD3640	PMBD3641
No. of Connectable Indoor Units[1]		1-2	1-3	1-4	1-4
Max. Nominal Capacity / Port (Btu/h)[2]		24,000	24,000	24,000	24,000 for A,B,C Ports; 36,000 for D Port
Max. Nominal Capacity / BD Unit (Btu/h)		48,000	72,000	73,000	73,000
Operation Temperature Range (°F DB)		0 ~ 122	0 ~ 122	0 ~ 122	0 ~ 122
Unit Data					
Refrigerant Type		R410A	R410A	R410A	R410A
Power Supply V, Ø, Hz		208-230, 1, 60	208-230, 1, 60	208-230, 1, 60	208-230, 1, 60
Power Input (W)		16	24	32	32
Rated Amps (A)		0.08	0.12	0.16	0.16
Dimensions W x H x D (in.)		17-3/32 x 6-13/32 x 10-23/32	17-3/32 x 6-13/32 x 10-23/32	17-3/32 x 6-13/32 x 10-23/32	17-3/32 x 6-13/32 x 10-23/32
Net Unit Weight (lbs.)		13	14.3	15.7	15.7
Shipping Weight (lbs.)		15	17	18	18
Power Wiring / Communication Cables[3]					
From Outdoor Unit to BD Unit (Qty. x AWG)[3]		4 x 16	4 x 16	4 x 16	4 x 16
From BD Unit to Indoor Unit (Qty. x AWG)[3]		4 x 18	4 x 18	4 x 18	4 x 18
Piping Connections					
Outdoor Unit to BD Unit	Liquid (in., OD)	Ø3/8	Ø3/8	Ø3/8	Ø3/8
	Vapor (in., OD)	Ø3/4	Ø3/4	Ø3/4	Ø3/4
BD Unit to Indoor Units	Liquid (in., OD) x Qty.	Ø1/4 x 2	Ø1/4 x 3	Ø1/4 x 4	Ø1/4 x 3 Ø3/8 x 1
	Vapor (in., OD) x Qty.	Ø3/8 x 2	Ø3/8 x 3	Ø3/8 x 4	Ø3/8 x 3 Ø5/8 x 1
Piping Lengths					
Maximum Total System Piping (ft.)[4]		476	476	476	476
Maximum Main Pipe Length (Outdoor Unit to BD Units [ft.])		180	180	180	180
Total Branch Piping (BD Units to Indoor Units [ft.])		295	295	295	295
Maximum Branch Pipe Length Between BD Unit and Each Indoor Unit [ft.])		49	49	49	49
Maximum Outdoor Unit to Indoor Unit Pipe Length (ft.)		230	230	230	230
Piping Length (No Additional Refrigerant [ft.]; 16 ft. of Main Piping + 131 ft. of Branch Piping)		147	147	147	147
Maximum Elevation between BD Unit and Indoor Unit (ft.)		33	33	33	33
Maximum Elevation between BD Unit and BD Unit (ft.)		49	49	49	49

[1]At least one Branch Distribution Unit is required for system operation; a maximum of two can be installed per outdoor unit with use of Y-branch accessory (PMBL5620) To connect only one (1) indoor unit to a branch distribution unit, the system must include another branch distribution unit with at least one (1) connected indoor unit.

[2]Branch Distribution Unit can accommodate from one (1) indoor unit up to four (4) indoor units depending on the ports available on the Branch Distribution Unit.

[3]All power wiring / communication cables to be four-conductor, stranded, shielded, and must comply with applicable local and national codes.

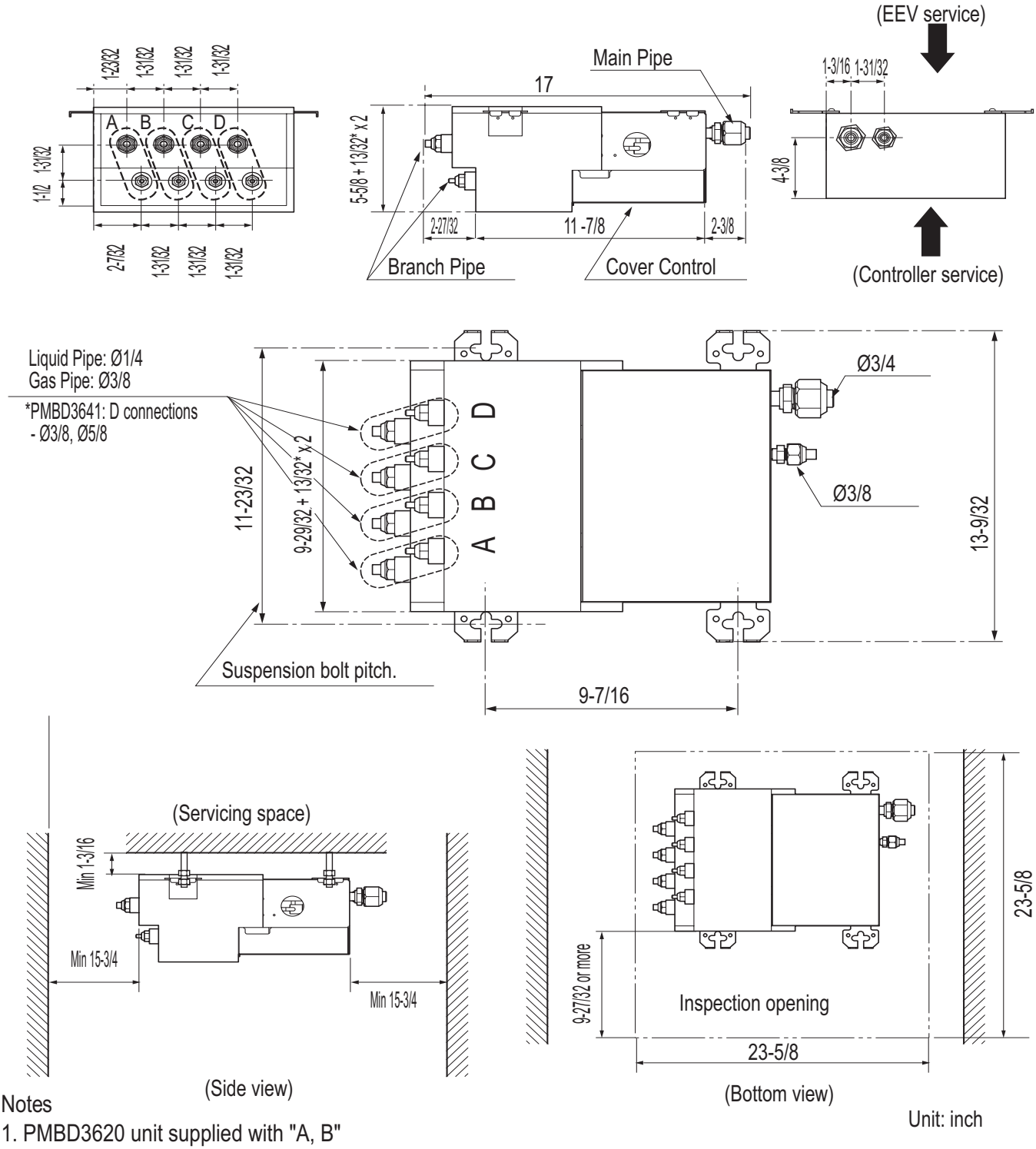
[4]Piping lengths are equivalent.

Due to our policy of continuous product innovation, some specifications may change without notification.
©LG Electronics U.S.A., Inc., Englewood Cliffs, NJ. All rights reserved. "LG" is a registered trademark of LG Corp.

MULTI F MAX BD UNIT

Dimensions

Figure 30: PMBD3620, PMBD3630, PMBD3640, and PMBD3641 External Dimensions.



Notes

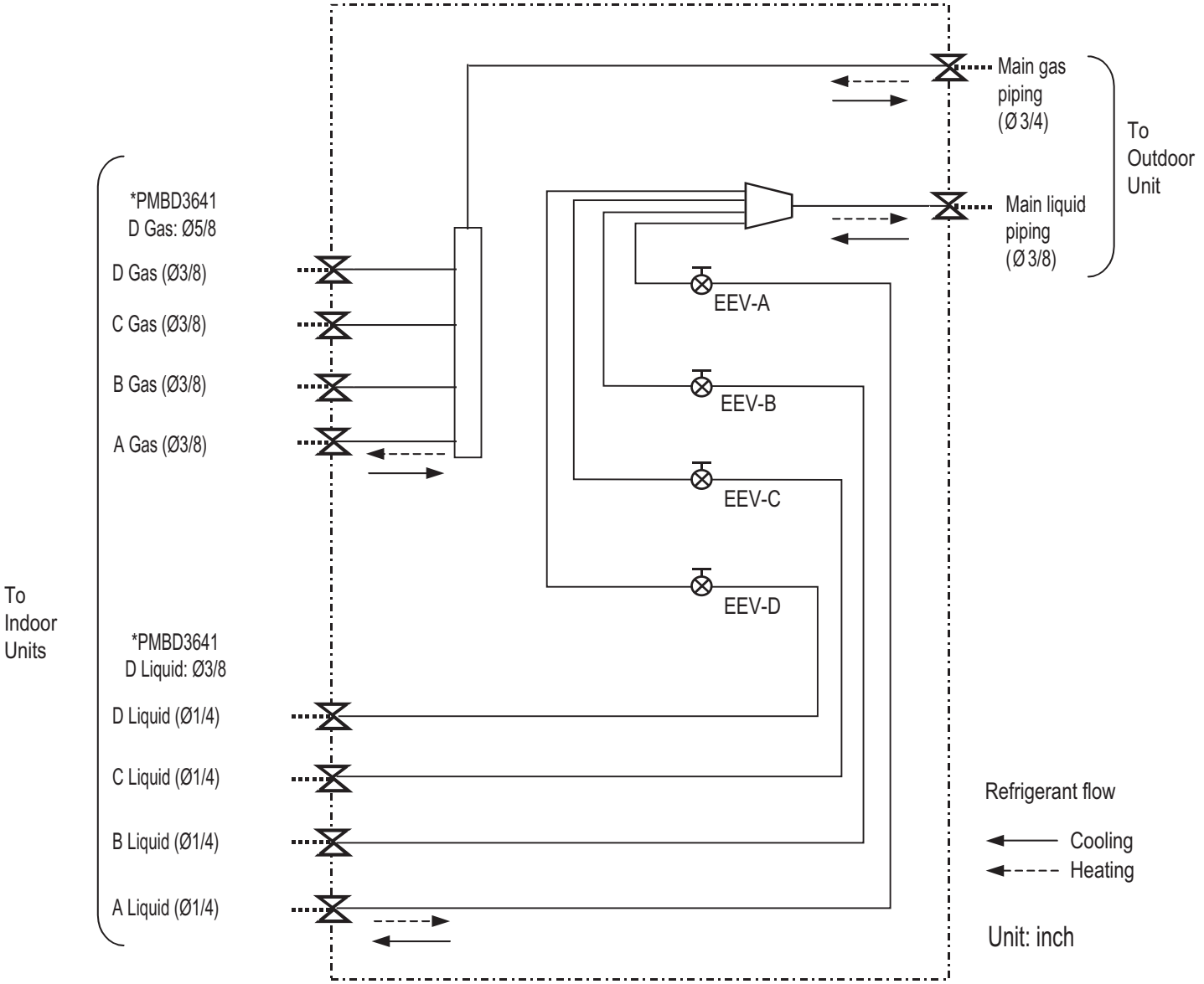
1. PMBD3620 unit supplied with "A, B"
2. PMBD3630 unit supplied with "A, B, C"
3. PMBD3640, PMBD3641 unit supplied with "A, B, C, D"
4. * Thickness of insulation

Due to our policy of continuous product innovation, some specifications may change without notification.
©LG Electronics U.S.A., Inc., Englewood Cliffs, NJ. All rights reserved. "LG" is a registered trademark of LG Corp.

MULTI F MAX BD UNIT

Refrigerant Flow Diagram

Figure 31: PMBD3620, PMBD3630, PMBD3640, PMBD3641 Refrigerant Flow Diagram.

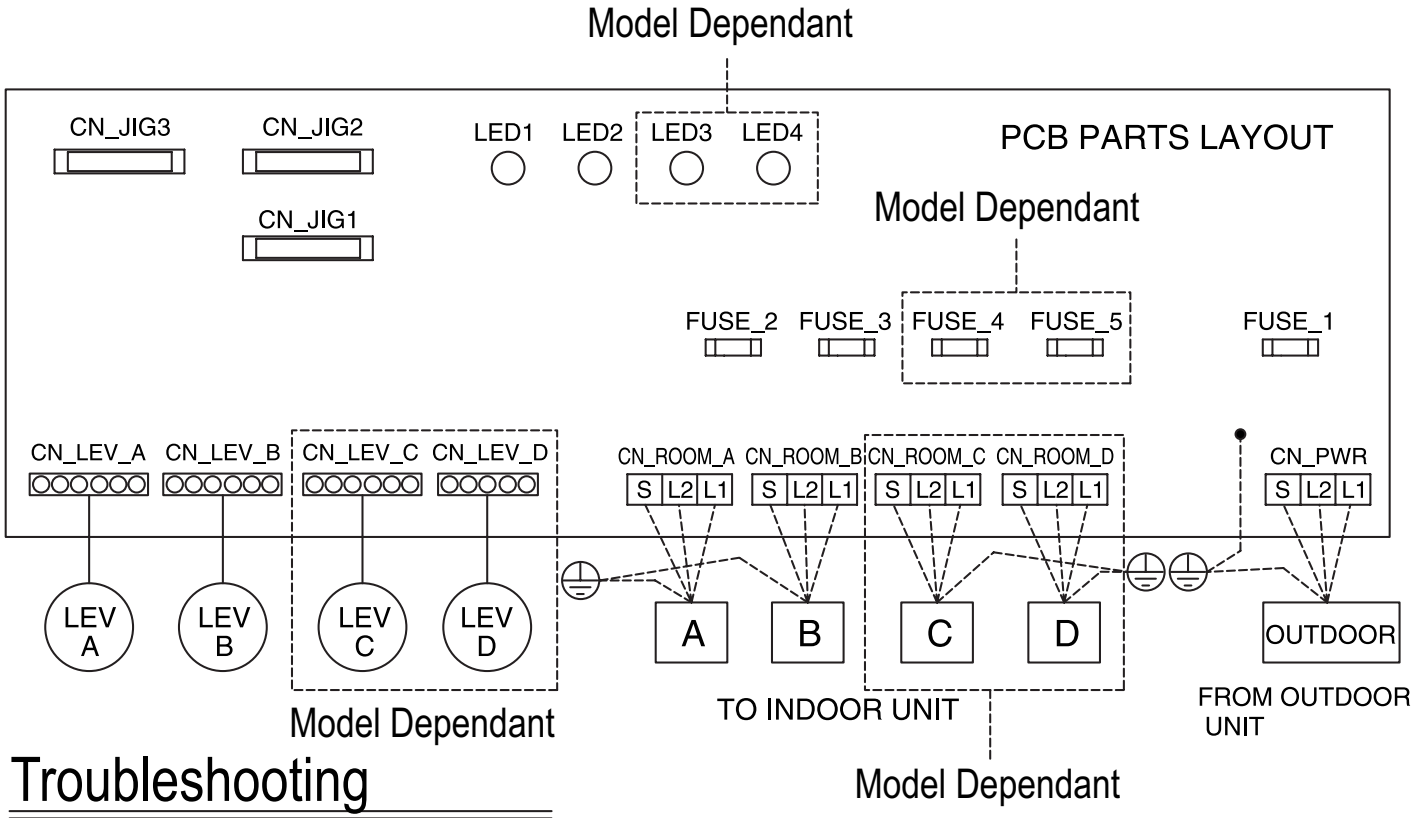


Note:

1. *Flare connections for field piping installation.*
2. *Match the BD ports to the indoor unit and outdoor unit piping sizes. Use an adapter if the piping size does not match the piping size of the connecting indoor unit.*
3. *EEV: Electronic Expansion Valve*
4. *PMBD3620 BD Unit supplied with "A, B".*
   PMBD3630 BD Unit supplied with "A, B, C".
   PMBD3640 and PMBD3641 BD Units supplied with "A, B, C, D".

Due to our policy of continuous product innovation, some specifications may change without notification.
©LG Electronics U.S.A., Inc., Englewood Cliffs, NJ. All rights reserved. "LG" is a registered trademark of LG Corp.

Figure 32: PMBD3620, PMBD3630, PMBD3640, PMBD3641 Wiring Diagram.



Troubleshooting

LED	DIAGNOSIS
	NORMAL
	ABNORMALITY -->CHECK BRANCH DISTRIBUTOR UNIT
	ABNORMALITY -->CHECK INDOOR OR OUTDOOR UNIT CHECK CONNECTING CABLE

Note:

PMBD3620 BD Unit supplied with "A, B".
PMBD3630 BD Unit supplied with "A, B, C".
PMBD3640 and PMBD3641 BD Units supplied with "A, B, C, D".

Due to our policy of continuous product innovation, some specifications may change without notification.
©LG Electronics U.S.A., Inc., Englewood Cliffs, NJ. All rights reserved. "LG" is a registered trademark of LG Corp.

MULTI F MAX BD UNIT

Multi F MAX Y-Branch Accessory

Y-Branch accessory PMBL5620 is required when installing two branch distribution units in parallel on one Multi F MAX system.

Table 155: Multi F MAX Y-Branch Specifications.

Model	Y-Branch Type	Port Identifier (inch)		
		1	2	3
PMBL5620	Liquid	Ø3/8	Ø3/8	Ø3/8
	Vapor	Ø3/4	Ø3/4	Ø3/4
	Y-Branch Type	Dimensions (inch)		
		X	Y	
	Liquid	13.80	3.24	
	Vapor	12.48	3.02	

Figure 33: Y-Branch Port Identifier Diagram.

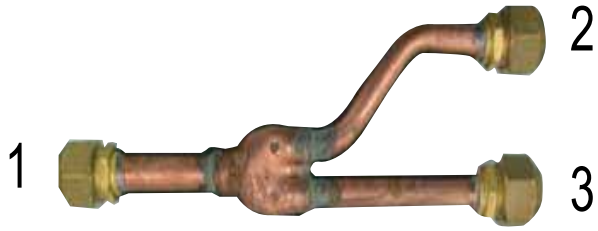
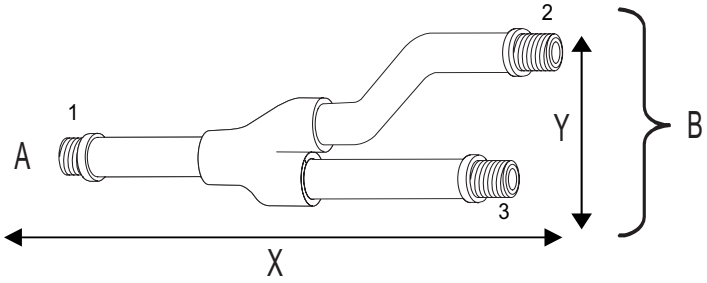


Figure 34: Y-Branch Dimensions Diagram.



A = To Outdoor Unit
B = To Branch Distribution Unit

Due to our policy of continuous product innovation, some specifications may change without notification.
©LG Electronics U.S.A., Inc., Englewood Cliffs, NJ. All rights reserved. "LG" is a registered trademark of LG Corp.

MULTI F MAX BD UNIT

Branch Distribution Unit Orientation

Multi F MAX Branch Distribution (BD) Units can be installed in a multitude of options to fit various building configurations and job or application requirements. Multi F MAX BD Units include electronic expansion valves that properly seat only if the BD Unit is installed in an acceptable orientation. Installations with improper BD Unit orientation risk incomplete valve seating and system performance degradation from potential refrigerant leakage through the electronic expansion valve.

Note:

This material is for informational or educational purposes only. It is not intended to be a substitute for professional advice. Consult with your engineer or design professionals for specific applications to your system

Figure 35: Acceptable BD Unit Ceiling Mount Orientations.

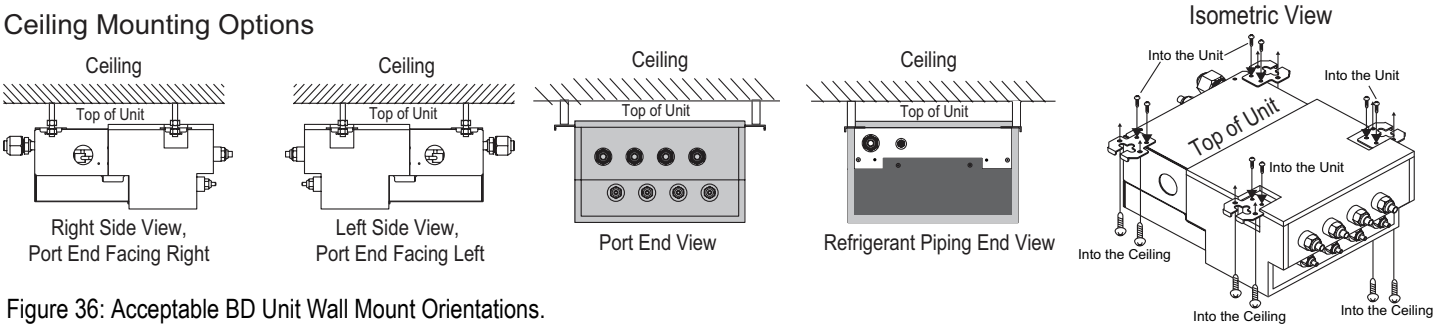


Figure 36: Acceptable BD Unit Wall Mount Orientations.

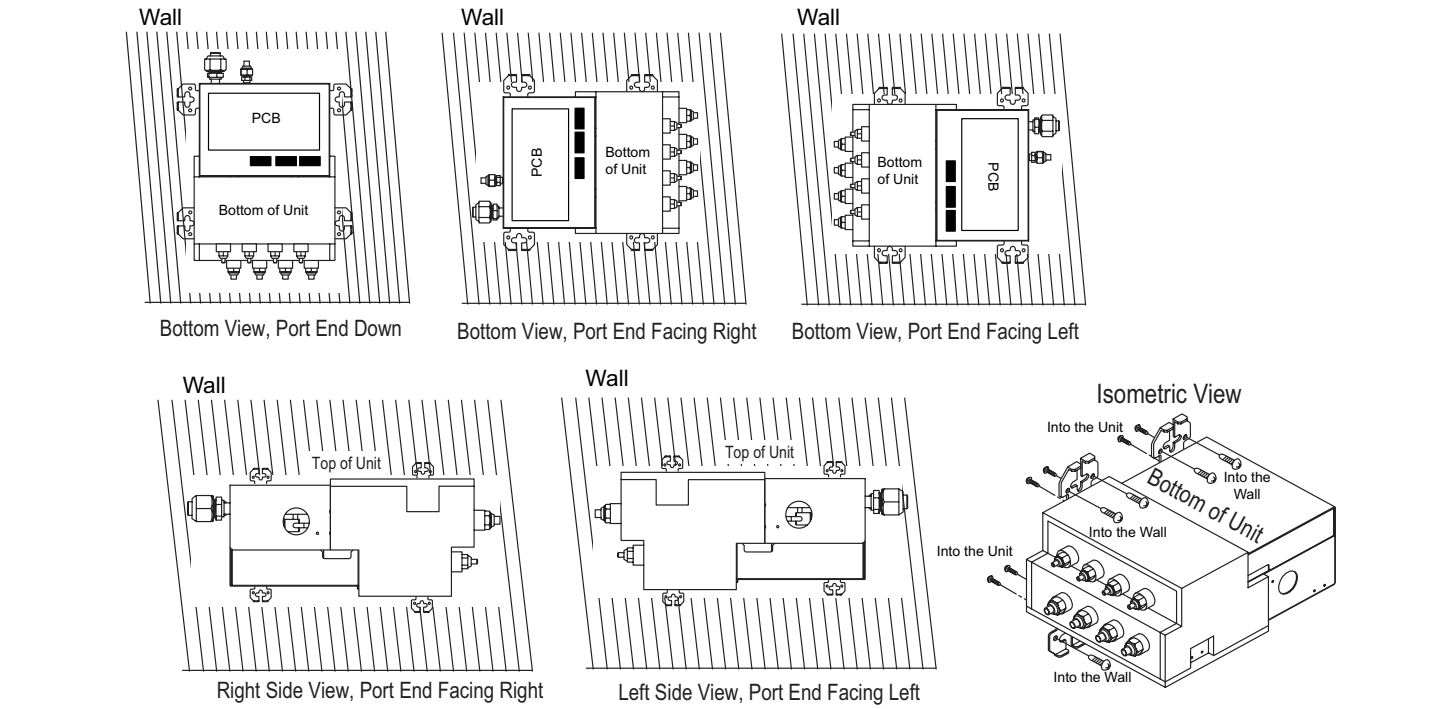
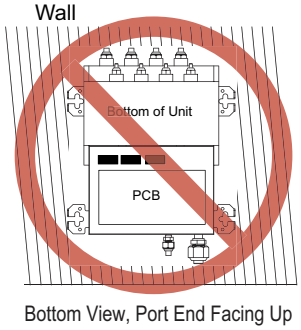


Figure 37: Unacceptable BD Unit Orientation.



Due to our policy of continuous product innovation, some specifications may change without notification.
©LG Electronics U.S.A., Inc., Englewood Cliffs, NJ. All rights reserved. "LG" is a registered trademark of LG Corp.

Due to our policy of continuous product innovation, some specifications may change without notification.
©LG Electronics U.S.A., Inc., Englewood Cliffs, NJ. All rights reserved. "LG" is a registered trademark of LG Corp.

APPLICATION GUIDELINES

“Equipment Selection Procedure” on page 180

“Building Ventilation Design Guide” on page 186

“Placement Considerations” on page 190

EQUIPMENT SELECTION PROCEDURE

MULTI F
MULTI F MAX

To choose the multi-zone system that is the most appropriate for the space, as with traditional air-conditioning systems, follow similar protocols outlined in Manual J from the Air Conditioning Contractors of America (ACCA; see www.acca.org).

1. Obtain the design conditions, and calculate the maximum cool and heat loads for the structure.

2. Select the equipment (choosing the appropriate indoor units and outdoor unit):
   - Determine number of zones.
   - Determine total number of indoor units (refer to zone load calculations when choosing indoor units).
   - Determine number of indoor units allocated to each outdoor unit, considering allowable indoor unit connections, both indoor unit and outdoor unit capacities, and system piping capabilities.

3. Determine the corrected capacity for the indoor units and outdoor unit using:
   - System Combination Tables.
   - Capacity Tables (it may be necessary to interpolate).
   - Capacity Coefficient Factors (such as refrigerant line length derates, design condition derates, defrost operation derate [heating mode], altitude derate [if applicable]).

4. Compare corrected capacities to load calculations.

5. Reselect equipment if necessary.

Obtain Design Conditions, Calculate Maximum Cool / Heat Loads

Obtain the winter outdoor/indoor temperature and summer and winter outdoor/indoor temperature design parameters for the location in which the system is installed. Determine if summer or winter design gains, relative humidity, and building features like skylights, orientation, number of occupants, etc., would change the total heat loss / gain and sensible / latent heat gain, and then calculate the maximum cool and heat loads for the space (using Manual J, or energy modeling programs).

Select the Equipment

Determine the Number of Zones

Multi F heat pump systems can cool or heat, but not simultaneously. When designing larger-capacity Multi F heat pump systems or a Multi F MAX system, the designer may be able to combine spaces with similar load profiles located near or adjacent to each other into “thermal zones.” After combining like spaces into zones that will be served by a single (or grouped) indoor unit(s), calculate the peak cooling and heating loads for each zone.

Choosing the Appropriate Indoor Units

Determine the appropriate indoor unit capacity that satisfies the given zone load calculations, choose how many (and which styles of) indoor units will be required. See Table 156 for allowable indoor unit to outdoor unit connections, and the maximum number of connectable indoor units on each Multi F and Multi F MAX outdoor unit. When choosing, also consider the cooling and heating CFM, featured airflow specifications, and static pressure (if applicable) for each indoor unit.

Avoid oversizing indoor units in an attempt to increase the air exchange rate in the space. Multi F and Multi F MAX systems are designed for minimum airflow over the coil to maximize latent capacity while cooling, maintain a comfortable, consistent discharge air temperature while heating, and minimize fan motor power consumption. In extreme cases, oversizing the indoor units may affect outdoor unit size selection and compromise the outdoor unit’s ability to effectively match the space load(s).

For proper system operation:

1. At least two indoor units must be connected to the outdoor unit.
2. Total connected indoor unit nominal capacity should be a minimum 40% and a maximum of 130% of outdoor unit nominal capacity.
3. To calculate the connected total indoor unit nominal capacity, simply sum up the nominal capacities of all indoor units. For 24,000 and 36,000 Btu/h indoor units, a 1.3 multiplier must first be applied before adding to the sum of other indoor units.

Due to our policy of continuous product innovation, some specifications may change without notification.
©LG Electronics U.S.A., Inc., Englewood Cliffs, NJ. All rights reserved. “LG” is a registered trademark of LG Corp.

EQUIPMENT SELECTION PROCEDURE

Table 156: Allowable Indoor Unit to Outdoor Unit Connections.

Indoor units		Outdoor units			
Model Type	Indoor Unit Nominal Capacity* (Btu/h)	LMU187HV	LMU247HV	LMU369HV	LMU540HV
		Maximum No. of Connectable Indoor Units			
	Btu/h	2	3	4	8
ART COOL Mirror	9,000	O	O	O	O
	12,000	O	O	O	O
	18,000	-	O	O	O
ART COOL Gallery	9,000	O	O	O	O
	12,000	O	O	O	O
Wall Mounted	9,000	O	O	O	O
	12,000	O	O	O	O
	18,000	-	O	O	O
Ceiling Concealed Duct-Low Static	9,000	O	O	O	O
	12,000	O	O	O	O
	18,000	-	O	O	O
Ceiling Concealed Duct-High Static	24,000	-	-	O	O
	36,000	-	-	-	O
Four-Way Ceiling Cassette	12,000	O	O	O	O
	18,000	-	O	O	O
Vertical-Horizontal Air Handler	24,000	-	-	O	O
	36,000	-	-	-	O

Choosing the Appropriate Outdoor Unit

After all indoor units are properly sized to offset the applicable loads in each zone, select the outdoor unit by choosing a size that meets both the load-cooling requirement, and offsets the sum of the heating load. Then, the system's combination ratio should be evaluated and confirmed it is within the allowable range (the combination ratio compares the nominal capacity of all connected indoor units to the nominal capacity of the outdoor unit serving them). The total nominal capacity of all indoor units should be smaller than the total nominal capacity of the outdoor unit. If the combination ratio is more than 100%, the designer is undersizing the outdoor unit relative to the combined nominal capacity of the connected indoor units. In some designs, oversized indoor units may be unavoidable in the case where the smallest size indoor unit available from LG is larger than what is necessary to satisfy the zone load. This scenario may also occur when an indoor unit selection one size down from the selected unit is slightly short of fulfilling the design load requirements, and the designer must choose the next largest size unit. Sometimes it is recommended to choose a larger capacity outdoor unit if the installation space is big enough. Also, it may be prudent to oversize the outdoor unit to address those times when the weather conditions may exceed the design conditions, to minimize the possibility of ventilation systems that causes the space temperature to drift outside design parameters, or when the indoor unit's entering air temperature falls outside the approved design temperature range.

Table 157: Nominal Outdoor Unit Capacity.

		Outdoor Units			
		LMU187HV	LMU247HV	LMU369HV	LMU540HV
Nominal Capacity (Btu/h)	Cooling	15,600	19,200	34,000	52,500
	Heating	17,000	26,400	41,000	58,000
Connectable Indoor Units	Minimum No. of Connectable Indoor Units	2	2	2	2
	Maximum No. of Connectable Indoor Units	2	3	4	8
	Maximum Capacity Index	24,000	33,000	48,000	73,000

Due to our policy of continuous product innovation, some specifications may change without notification.
©LG Electronics U.S.A., Inc., Englewood Cliffs, NJ. All rights reserved. "LG" is a registered trademark of LG Corp.

Determine the Corrected Capacity

The *corrected* cooling / heating capacity is different from the nominal (rated) cooling / heating capacity. The corrected capacity includes changes in unit performance after considering design temperatures, available capacity that can be allocated from the outdoor unit, pressure drop due to refrigerant line length, defrost operation in heating mode, and (if applicable) altitude. Depending on the location of the building, additional capacity correction factors may need to be applied.

Using the Outdoor Unit Cooling and Heating Capacity Tables

Nominal cooling capacity ratings are obtained with air entering the indoor unit at 80ºF dry bulb (DB) and 67ºF wet bulb (WB), and outdoor ambient conditions of 95ºF dry bulb (DB) and 75ºF wet bulb (WB). Nominal heating capacity ratings are obtained with air entering the indoor unit at 70ºF dry bulb (DB) and 60ºF wet bulb (WB) and outdoor ambient conditions of 47ºF dry bulb (DB) and 43ºF wet bulb (WB).

To evaluate the total outdoor unit capacity at design conditions, reference the Performance Data Capacity Tables found in the Multi F outdoor unit section in this manual. All design temperatures are not explicitly shown in the charts, therefore, interpolation may be necessary to calculate the capacity for specific design conditions. Based on the premise that capacity follows a linear curve, the following formula can be applied:

$$(y - y1) / (y2 - y1) = (x - x1) / (x2 - x1)$$

Where

y = Missing Capacity (Capacity at the Design Temperature).[1]
y1 = Capacity at Lower Temperature (Smaller value of the two nearest published TC datapoints).
y2 = Capacity at Higher Temperature (Higher value of the two nearest published TC datapoints).
x = Design Temperature (Temperature not shown in published capacity tables).[2]
x1 = (Smaller value of the two nearest published temperature datapoints).
x2 = (Larger value of the two nearest published temperature datapoints).

[1]Median between two published Total Capacity [TC] Btu/h datapoints in the capacity table.
[2]Median between two nearest published temperature datapoints.

Using the Indoor Unit Cooling and Heating Capacity Tables

The datapoints shown in the indoor unit cooling and heating capacity charts are based on (and convey) an indoor unit operating with maximum possible refrigerant flow from the outdoor unit and before any derates are applied. In other words, the capacities displayed reflect what the indoor unit would produce if it was the only indoor unit that required capacity, and the outdoor unit did not have to allocate any capacity to another indoor unit.

System operation with a combination of indoor units is not conveyed in these charts, however, the information can be used to calculate indoor unit allocated capacity (without using the system combination tables). Simply calculate by using the formula:

$$Qidu(combi) = Qodu(rated) \times \frac{Qidu(rated)}{\Sigma Qidu(rated)}$$

Where

Qidu(combi) = Individual Indoor Unit Combination Capacity.
Qodu(rated) = Outdoor Unit Rated Capacity.
Qidu(rated) = Individual Indoor Unit Rated Capacity.
ΣQidu(rated) = Total Connected Indoor Unit Rated Capacity.

Note:

The formula can be used to find individual indoor unit capacity for Multi F MAX systems.

Note:

A more accurate method to determine expected capacity would be to apply the outdoor unit's corrected capacity instead of rated capacity.

Due to our policy of continuous product innovation, some specifications may change without notification.
©LG Electronics U.S.A., Inc., Englewood Cliffs, NJ. All rights reserved. "LG" is a registered trademark of LG Corp.

EQUIPMENT SELECTION PROCEDURE

Using the System Combination Tables

Multi F system combination tables illustrate how each indoor unit receives a percentage of total outdoor unit rated capacity. Allocation is based on:

- Combinations of Non-Ducted Indoor Units
- Combinations of Ducted Indoor Units
- Combinations of Mixed Non-Ducted and Ducted Indoor Units

Multi F MAX system combination tables only show the total connected indoor unit capacity, but individual indoor unit capacity can be calculated using the formula:

$$Qidu(combi) = Qodu(rated) \times \frac{Qidu(rated)}{\Sigma Qidu(rated)}$$

Note:

A more accurate method to determine expected capacity would be to apply the outdoor unit's corrected capacity instead of rated capacity.

Capacity Coefficient Factors

Refrigerant Line Length Derates

For air-cooled systems, a capacity correction factor may have to be applied to account for the length of the system's refrigerant pipe. Rate of change in capacity due to increased piping lengths is shown in Tables 158 to 160.

Table 158: Multi F Outdoor Unit (Multiple Piping) to Indoor Unit Refrigerant Line Length Derates.

Piping Length (feet)	Cooling Capacity (%)	Heating Capacity (%)
9,000 Btu/h Indoor Unit Models		
25.0	100.0	100.0
32.8	98.0	99.0
49.2	94.8	97.4
65.6	91.6	95.8
82.0	88.4	94.2
12,000 Btu/h Indoor Unit Models		
25.0	100.0	100.0
32.8	97.6	98.6
49.2	93.8	96.4
65.6	89.9	94.1
82.0	86.1	91.9
18,000 Btu/h Indoor Unit Models		
25.0	100.0	100.0
32.8	98.6	99.6
49.2	96.4	99.0
65.6	94.1	98.3
82.0	91.9	97.7
24,000 Btu/h Indoor Unit Models		
25.0	100.0	100.0
32.8	98.2	99.2
49.2	95.4	98.0
65.6	92.4	96.6
82.0	89.6	95.4

Due to our policy of continuous product innovation, some specifications may change without notification.
©LG Electronics U.S.A., Inc., Englewood Cliffs, NJ. All rights reserved. "LG" is a registered trademark of LG Corp.

Table 159: Multi F MAX Outdoor Unit to Branch Distribution Unit Refrigerant Line Length Derates.

Main Piping Length (feet)	16.4	32.8	49.2	65.6	82.0	98.4	114.8	131.2	147.6	164.0	180.4
Cooling Capacity (%)	100.0	98.8	97.3	95.8	94.3	92.8	91.3	89.8	88.3	86.8	85.3
Heating Capacity (%)	100.0	99.6	99.2	98.7	98.3	97.8	97.4	96.9	96.5	96.0	95.6

Figure 38: Multi F MAX Outdoor Unit to Branch Distribution Unit Refrigerant Line Length Derate Chart.

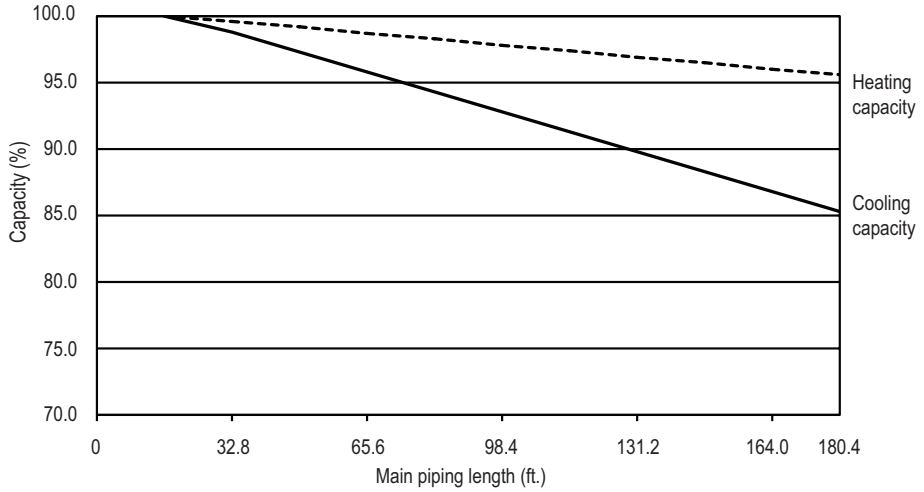


Table 160: Multi F MAX Branch Distribution Unit to Indoor Unit Refrigerant Line Length Derates.

Piping Length (feet)	Cooling Capacity (%)	Heating Capacity (%)
9,000 Btu/h Indoor Unit Models		
16.4	100.0	100.0
32.8	97.5	98.8
49.2	95.0	97.5
12,000 Btu/h Indoor Unit Models		
16.4	100.0	100.0
32.8	97.0	98.3
49.2	94.0	96.5
18,000 Btu/h Indoor Unit Models		
16.4	100.0	100.0
32.8	98.3	99.5
49.2	96.5	99.0
24,000 Btu/h Indoor Unit Models		
16.4	100.0	100.0
32.8	97.8	99.2
49.2	95.5	98.4
36,000 Btu/h Indoor Unit Models		
16.4	100.0	100.0
32.8	97.9	98.8
49.2	95.7	97.6

Due to our policy of continuous product innovation, some specifications may change without notification.
©LG Electronics U.S.A., Inc., Englewood Cliffs, NJ. All rights reserved. "LG" is a registered trademark of LG Corp.

EQUIPMENT SELECTION PROCEDURE

Altitude Correction Factor

The impact of air density must be considered on systems installed at a significant altitude above sea level, therefore, locally accepted altitude correction factors must be applied.

Defrost Correction Factor for Heating Operation

The outdoor unit heating capacity may need to be adjusted for frost accumulation on air-cooled systems. If design day conditions are below the dewpoint of the surrounding air, frost may not be a problem and no correction factor is needed. In certain weather conditions, however, frost may form and accumulate on the air-cooled outdoor unit coil and impact the coils ability to transfer heat. If significant frost accumulates on the outdoor unit coil, a defrost algorithm will start automatically. The timing between defrost periods is determined by the system's ability to achieve a target head pressure value.

Capacity and AHRI ratings tables do not factor in capacity reduction when frost has accumulated on the condenser coil, nor during defrost operation.

Integrated heating capacity values can be obtained using the formula:

A = B x C

Where:

A = Integrated Heating Capacity.
B = Value found in the Capacity Table.
C = Correction Factor for Frost Accumulation Factor (from Table 161).

Table 161: Outdoor Unit Frost Accumulation Factor (Heating)[1].

Entering DB (°F)	19.4	23.0	26.6	32.0	37.4	41.0	44.6
Derate factor	0.98	0.95	0.93	0.86	0.93	0.96	1.0

[1]At 85% outdoor air relative humidity.

The frost accumulation factor does not account for effects of snow accumulation restricting airflow through the outdoor unit coil.

Note:

There will be temporary reduction in capacity when frost / ice accumulates on the outside surface of the outdoor unit heat exchanger. The level of capacity reduction depends on a number of factors, for example, outdoor temperature (°F DB), relative humidity (RH), and the amount of frost present.

Check the Indoor and Outdoor Unit Selection(s)

Compare the corrected cooling and heating capacities to the load calculations. Is each capacity sufficient for the zone it serves?

For each indoor unit, the corrected capacity must be at least equal to the total of the cooling design load (plus ventilation load, if applicable) for the space(s) served by the indoor unit. For each indoor unit, the corrected capacity also must be at least equal to the total of the heating design load (plus ventilation load, if applicable) for the space(s) and / or thermal zones served by the indoor unit.

The outdoor unit selected should be large enough to offset the total cooling load for all spaces it serves (account for ventilation air cooling load if the ventilation air has not been pretreated to room neutral conditions). The outdoor unit should also be large enough to offset the total heating load for all spaces it serves.

If the corrected heating capacity ratio exceeds 100%, reselect the equipment, or change the system design by moving some of the load to another system.

System Sizing Check Formulas

1. Outdoor Unit Rated Capacity.
$Q_{odu(rated)}$ (From capacity tables).

2. Outdoor Unit Capacity at Ti, To Temperature.
$Q_{odu(Ti, To)}$ (From capacity tables).

3 Outdoor Unit Capacity Coefficient Factor.
$F_{(Ti, To)} = Q_{odu(Ti, To)} / Q_{odu(rated)}$

4. Piping Correction Factor (From Capacity Coefficient Factor Tables).
$F_{(length)}$ for each piping length

5. Individual Indoor Unit Combination Capacity.
$Q_{idu\ (combi)} = Q_{odu(rated)} \times Q_{idu(rated)} / Q_{idu(rated\text{-}total)}$

6. Individual Indoor Unit Actual Capacity.
$Q_{idu\ (actual)} = Q_{odu(combi)} \times F_{(Ti, To)} \times F_{(length,\ altitude)}$

Conclusions and Recommendations

- Understand the design safety factors.
- Reference load calculations for actual cooling and heating capacities (applies in 99% of applications – consider total load when latent load is greater than 30%).
- Verify that the sensible load of the zone is satisfied.
- Use caution when sizing to meet listed capacity specifications for the scheduled manufacturer's equipment.

If further system design assistance is needed, or you have a unique application you would like to discuss, contact your LG sales rep.

Due to our policy of continuous product innovation, some specifications may change without notification.
©LG Electronics U.S.A., Inc., Englewood Cliffs, NJ. All rights reserved. "LG" is a registered trademark of LG Corp.

ASHRAE Standards 62.1 and 62.2 (depending on if the building is residential or commercial), and local codes specify the minimum volume of airflow that must be provided to an occupied space. Outdoor air is required to minimize adverse health effects, and it provides acceptable indoor air quality for building occupants. Indoor units located within the zone typically require less airflow to condition the space. During the design phase, refer to the airflow capabilities listed in the specification tables for each product. Choose the best method for the application out of the five (5) ventilation options available.

Note:

Disclaimer

Although we believe that these building ventilation methods have been portrayed accurately, none of the methods have been tested, verified, or evaluated by LG Electronics, U.S.A., Inc., In all cases, the designer, installer, and contractor should understand if the suggested method is used, it is used at their own risk. LG Electronics U.S.A., Inc., takes no responsibility and offers no warranty, expressed or implied, of merchantability or fitness of purpose if this method fails to perform as stated or intended.

- *For a complete copy of ASHRAE Standard 62.1 and 62.2, refer to the American Standard of Heating and Air Conditioning Engineers (ASHRAE) website at www.ashrae.org.*

Method 1: Natural Ventilation (Non-Ducted, Unconditioned Outdoor Air)

Natural ventilation devices, such as operable windows or louvers may be used to ventilate the building when local code permits.

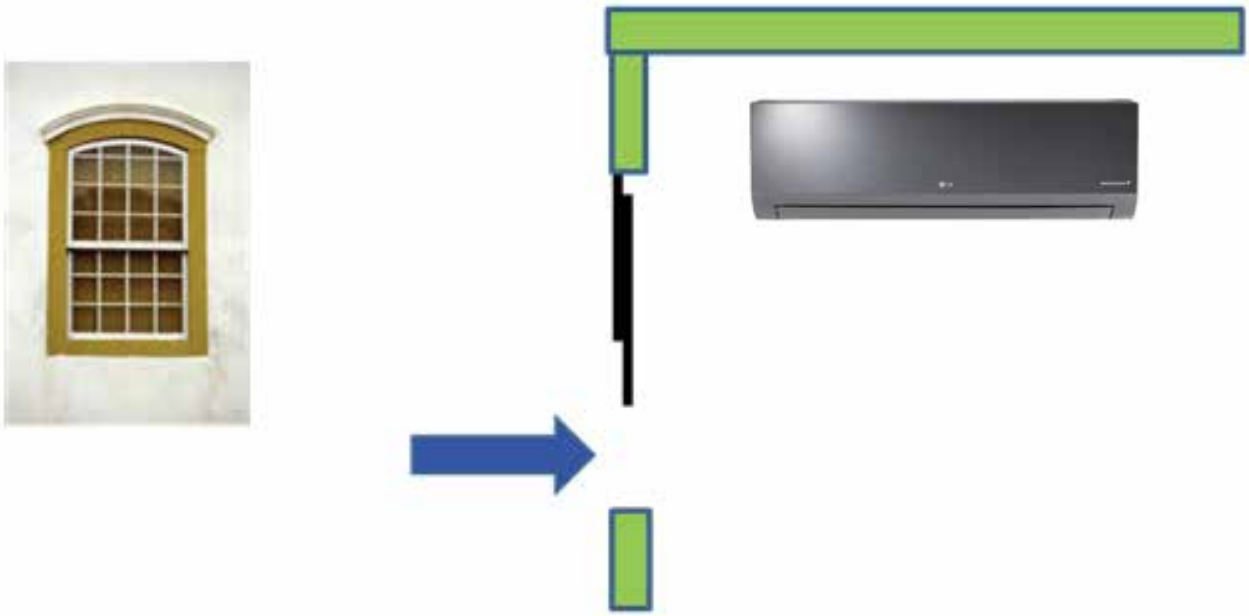
Advantages

- Occupants control the volume of the ventilation air manually.
- Useful for historic buildings that have no ceiling space available for outdoor air ductwork.
- May be used with the full lineup of Multi F indoor units.

Disadvantages

- In some locations, it may be difficult to control humidity levels when windows are open.
- Thermal comfort levels may be substandard when windows are open.
- Indoor units may have to be oversized to account for the added heating and cooling loads when windows are open.
- Provides outdoor air to perimeter spaces only. Additional mechanical ventilation system may be required to satisfy requirements for interior spaces.
- Outdoor air loads may be difficult to calculate since the quantity of outdoor air is not regulated.
- May affect indoor unit proper operation when open.

Figure 39: Natural Ventilation (Non-Ducted, Unconditioned Outdoor Air).



Due to our policy of continuous product innovation, some specifications may change without notification.
©LG Electronics U.S.A., Inc., Englewood Cliffs, NJ. All rights reserved. "LG" is a registered trademark of LG Corp.

Method 2: Unconditioned Outdoor Air (Non-Ducted, Fan Assisted Ventilation)

When approved by local codes, the fan assisted ventilation method uses exhaust fans to remove air from the building, and outdoor air is drawn into occupied spaces through a wall louver or gravity roof intake hood. Supply fans can also be used to push the outdoor air into the space and building positive pressure will vent the exhaust air through louvers or roof-mounted exhaust hoods. Outdoor air is neither cooled nor heated before entering the building.

Note:

This may result in loss of building pressurization control, increasing infiltration loads with adverse effects.

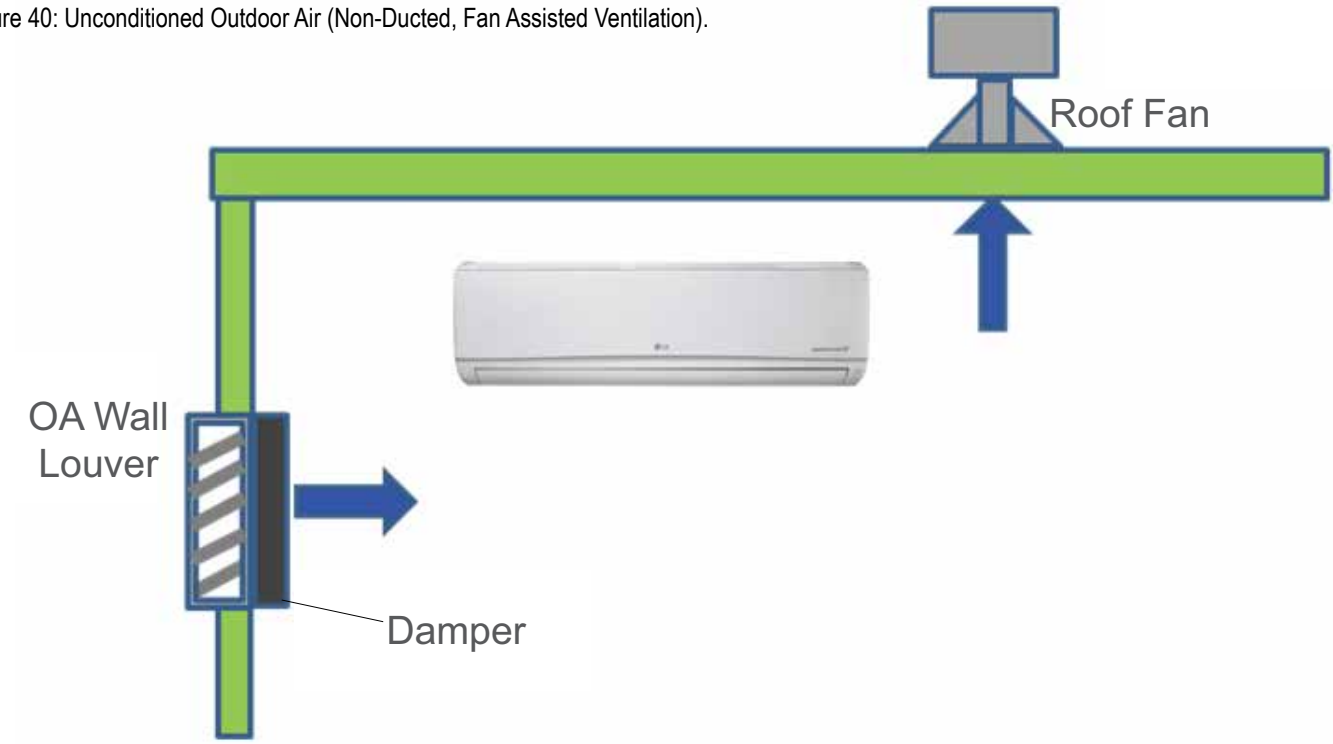
Advantages

- Outdoor air may be manually controlled by the occupant or automatic controls may be installed to open/close outdoor air dampers or to turn on/off ventilation fans.
- Useful for large open spaces like warehouses, garages, and workshops.
- Outdoor air volume is a known quantity. Air loads may be easier to calculate since fans will regulate the amount of outdoor air.
- May be used with the full lineup of Multi F indoor units.

Disadvantages

- In some locations of the country, it may be difficult to control humidity levels.
- Indoor units may have to be oversized to account for the added heating/cooling loads when louvers/hoods are open.
- Hot, cold, and/or humid areas may be present if the outdoor air is not evenly distributed to the different spaces.

Figure 40: Unconditioned Outdoor Air (Non-Ducted, Fan Assisted Ventilation).



Due to our policy of continuous product innovation, some specifications may change without notification.
©LG Electronics U.S.A., Inc., Englewood Cliffs, NJ. All rights reserved. "LG" is a registered trademark of LG Corp.

Method 3: Unconditioned Outdoor Air Ducted to Indoor Units

Untreated outdoor air is channeled through a duct system that is piped to the return air duct on Multi F ducted indoor units or to the frame of Multi F four-way cassettes.

Note:

Outside air may flow backward through the return air-filter grille when the indoor unit fan speed slows or stops in response to changes in the space load. This may result in captured particulate on the filter media being blown back into the conditioned space.

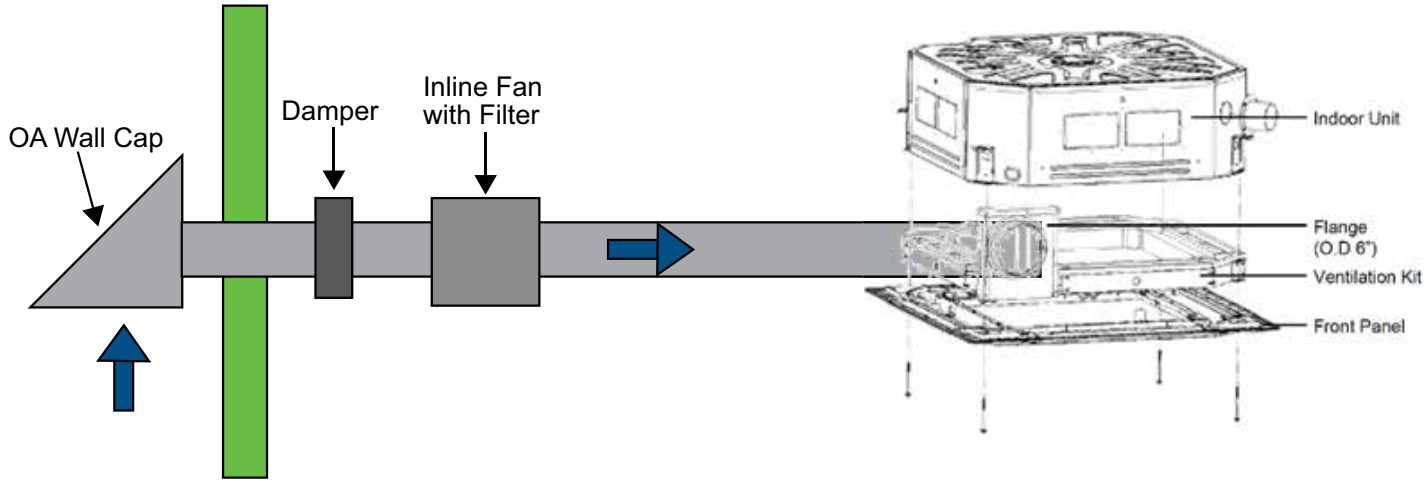
Advantages

- May require less ductwork if indoor units are placed near outdoor walls or a roof deck.
- Controls must be interlocked to shut off the outdoor air supply fan when the space is unoccupied.
- Third-party demand-control ventilation controls may be installed to regulate outdoor intake based on the CO_2 levels of the occupied space.

Disadvantages

- Fan(s) will be required to push outdoor air to the indoor unit to overcome the additional static pressure.
- Filter required to be added to the outdoor air duct.
- Ducted and four-way cassette models are the only indoor units that accept the connection of an outdoor air duct to the unit case.
- In most cases, in lieu of using the factory mounted return-air thermistor on indoor units, a remote wall temperature sensor or zone controller will be needed to provide an accurate reading of the conditioned area temperature.
- Unconditioned outdoor air may affect indoor unit performance, which may necessitate oversizing the indoor unit.

Figure 41: Unconditioned Outdoor Air Ducted to Indoor Units.



Due to our policy of continuous product innovation, some specifications may change without notification.
©LG Electronics U.S.A., Inc., Englewood Cliffs, NJ. All rights reserved. "LG" is a registered trademark of LG Corp.

Method 4: Coupled Dedicated Outdoor Air (CDOA)

A separate, dedicated outdoor air system delivers air directly to a Multi F indoor unit or to the return air duct system. After mixing with the return air stream, ventilation air passes through the indoor unit and into the conditioned space. The pretreatment system is capable of filtering, conditioning, and dehumidifying outdoor air to room neutral conditions.

Note:

Outside air may flow backward through the return air-filter grille when the indoor unit fan speed is reduced or stops when the space load is satisfied. This may result in captured particulate on the filter media being blown back into the conditioned space.

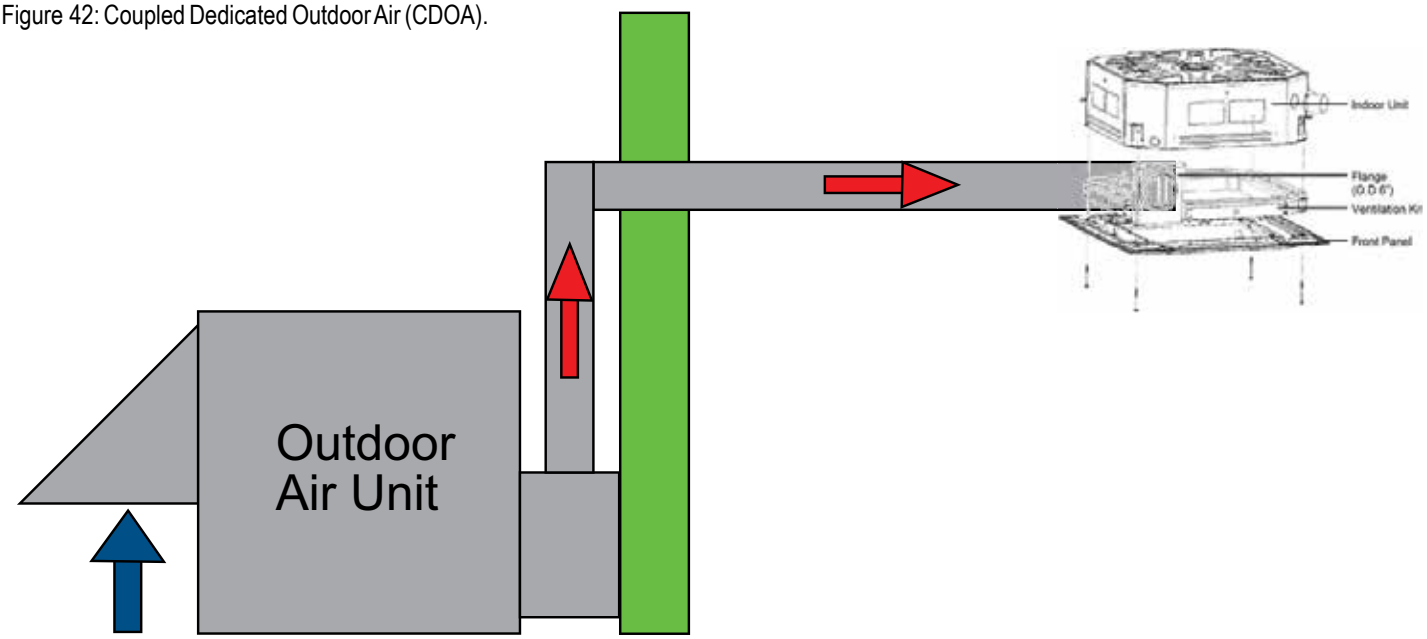
Advantages

- Indoor unit capacity may not need to be increased because of outdoor air.
- Fan and filter system is centralized to the main outdoor air unit.

Disadvantages

- Ducted and four-way cassette indoor units are the only models designed for direct connection of an outside air duct.
- Ceiling space is required for ductwork.
- Failure of outdoor air may impact indoor unit operation.
- In lieu of using the factory mounted return-air thermistor, a remote wall temperature sensor or zone controller may be required to provide an accurate conditioned space temperature reading.

Figure 42: Coupled Dedicated Outdoor Air (CDOA).



Due to our policy of continuous product innovation, some specifications may change without notification.
©LG Electronics U.S.A., Inc., Englewood Cliffs, NJ. All rights reserved. "LG" is a registered trademark of LG Corp.

Method 5: Decoupled Dedicated Outdoor Air System (DDOAS)

Provide a separate, dedicated outdoor-air system designed to filter, condition, and dehumidify ventilation air and deliver it directly to the conditioned space through a separate register or grille. This approach requires a separate independent ventilation duct system not associated with the Multi F system.

Note:

LG recommends using the DDOAS method in all installations.

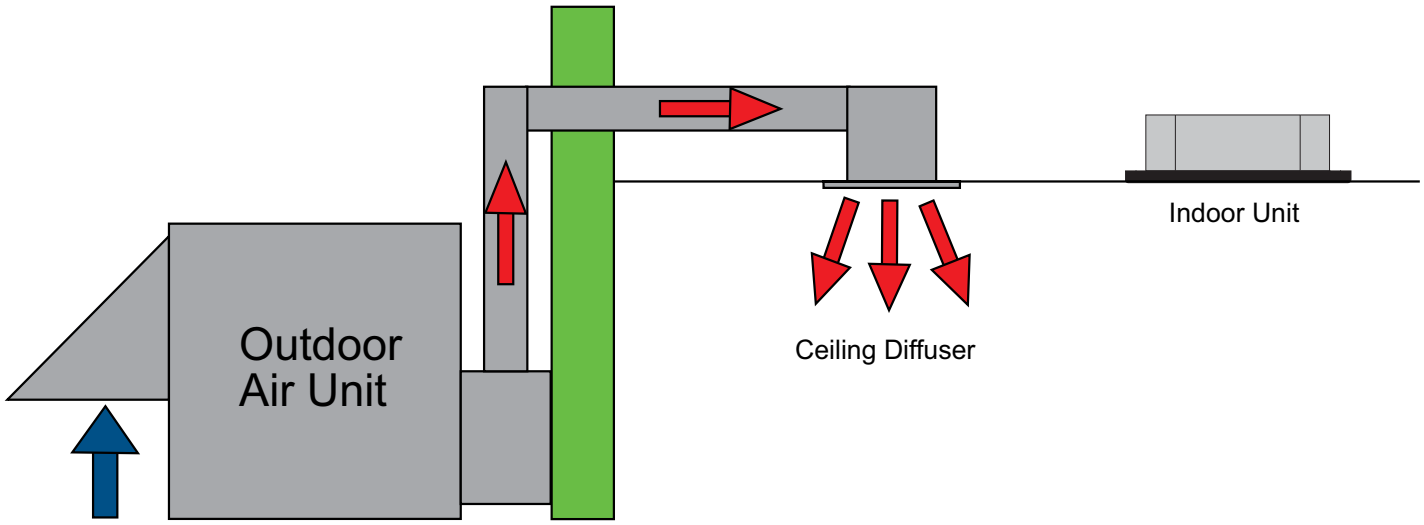
Advantages

- Does not add additional heating or cooling loads to indoor units.
- May be used with the full lineup of Multi F indoor units.
- Failure of outdoor unit does not impact operation of indoor unit, the resulting untreated air will be readily noticed by the occupants.
- The outdoor air unit may supply "neutral" air to the occupant space even when the Multi F indoor unit fan changes speed or cycles on and off. DDOAS controls do not have to be interlocked with the Multi V F system.
- In lieu of installing localized smaller outside air treatment equipment throughout the building, this method centralizes the ventilation air source making service and filter changes easier and less disruptive for the building occupants.
- Third-party demand control ventilation controls are more readily accommodated.
- Indoor unit operation and performance will not be affected by the condition of outdoor air.

Disadvantages

- Ceiling space is required to accommodate ductwork between the outdoor air unit and ceiling diffusers.

Figure 43: Decoupled Dedicated Outdoor Air System (DDOAS).



Due to our policy of continuous product innovation, some specifications may change without notification.
©LG Electronics U.S.A., Inc., Englewood Cliffs, NJ. All rights reserved. "LG" is a registered trademark of LG Corp.

PLACEMENT CONSIDERATIONS

Selecting the Best Location for the Indoor Units

Select a location for installing the indoor units that will meet the following conditions:

- Within allowable parameters for proper connection to the outdoor unit (or Branch Distribution unit, if a Multi F MAX system).
- No obstacles to air circulation around the unit; keep proper distances from ceilings, doorways, floor, walls, etc.
- So that condensation drainage can be conveniently routed away.
- Include enough space around the indoor unit so that it is accessible for maintenance and service purposes.
- Where electrical noise / electromagnetic waves will not affect indoor unit operation. Maintain proper distances between the indoor units and electric wires, audio and visual appliances, breaker / circuit panels, etc. If the frequency signal of the appliance is unstable, then install the indoor unit a minimum of ten (10) feet away, and run the power and transmission cables through a conduit.
- An area that is level and with enough strength to bear the weight of the indoor unit(s).
- An area where operation sound won't disturb occupants.
- An area that does not expose the indoor unit(s) to heat, water, steam, oil splattering or spray.

Selecting the Best Location for the Branch Distribution (BD) Unit

BD units are used only with Multi F MAX systems to distribute the refrigerant from the outdoor unit to up to eight indoor units. Select location indoors that will meet the following conditions:

- Within allowable parameters for proper connection to the Multi F MAX outdoor unit and indoor unit(s); refrigerant piping and wire lengths must not exceed amounts specified by LG Electronics, U.S.A., Inc.
- No obstacles to air circulation around the unit; keep proper distances from ceilings, doorways, floor, walls, etc.
- Condensate drain piping is not required.
- Ensure there is enough space in the installation area for service purposes; install the refrigerant piping and electrical wiring system in an easily accessible location.
- Do not install the BD unit in a location where it would be subjected to strong radiation heat from heat sources.
- Avoid an installation environment where the BD unit would be exposed to heat, water, steam, oil splattering or spray.
- Where high-frequency electrical noise / electromagnetic waves will not affect operation. Maintain proper distances between the BD unit(s) and electric wires, audio and visual appliances, breaker / circuit panels, etc.
- Level where there is enough strength to bear the weight of the BD unit.
- Install the unit in a location where any sound it generates will not disturb occupants in the surrounding rooms.

Selecting the Best Location for the Outdoor Unit

Select a location for installing the outdoor unit that will meet the following general conditions:

- A location strong enough to bear the weight of the outdoor unit.
- A location that allows for optimum air flow and is easily accessible for inspection, maintenance, and service.
- Where piping between the outdoor unit, indoor unit(s), and BD units (Multi F MAX systems only) are within allowable limits.
- Where it will not be subjected to direct thermal radiation from other heat sources, nor an area that would not expose the outdoor unit to heat or steam like discharge from boiler stacks, chimneys, steam relief ports, other air conditioning units, kitchen vents, plumbing vents, and other sources of extreme temperatures.
- Where operating sound from the unit will not disturb inhabitants of surrounding buildings.
- Where the unit will not be exposed to direct, strong winds.
- Where high-frequency electrical noise / electromagnetic waves will not affect operation.
- Include space for drainage to ensure condensate flows properly out of the unit when it is in heating mode. Avoid placing the outdoor unit in a low-lying area where water could accumulate.

Note:

When deciding on a location to place the outdoor unit, be sure to choose an area where run-off from defrost mode will not accumulate and freeze on sidewalks or driveways.

- To avoid the possibility of fire, do not install the unit in an area where combustible gas may generate, flow, stagnate, or leak.
- Don't install the unit in a location where oil, acidic solutions, sprays, or dust (sulfur, carbon, other corrosive materials) are present / often used.

Due to our policy of continuous product innovation, some specifications may change without notification.
©LG Electronics U.S.A., Inc., Englewood Cliffs, NJ. All rights reserved. "LG" is a registered trademark of LG Corp.

PLACEMENT CONSIDERATIONS

Rooftop Installations

If the outdoor unit is installed on a roof structure, be sure to level the unit. Ensure the roof structure and anchoring method are adequate for the unit location. Consult local codes regarding rooftop mounting.

Oceanside Installation Precautions

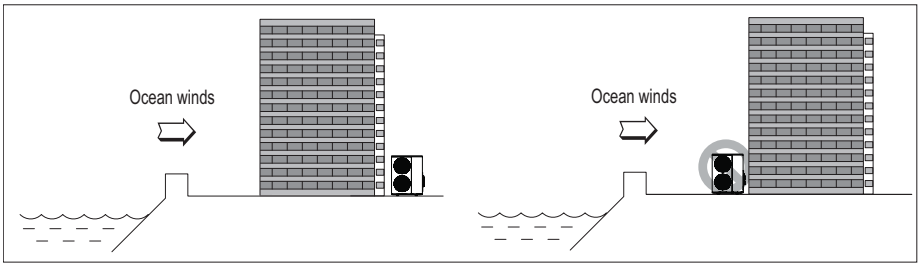
- Avoid installing the outdoor unit where it would be directly exposed to ocean winds.
- Install the outdoor unit on the side of the building opposite from direct ocean winds.
- Select a location with good drainage.
- Periodically clean dust or salt particles off of the heat exchanger with water.

Note:

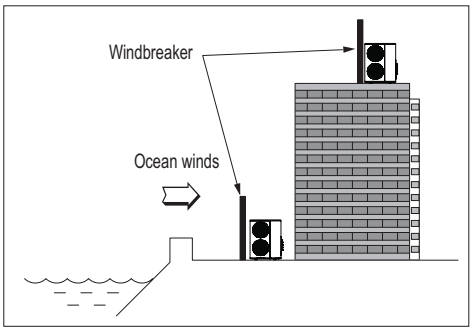
Additional anti-corrosion treatment may need to be applied to the outdoor unit at oceanside locations.

Note:

Ocean winds may cause corrosion, particularly on the condenser and evaporator fins, which, in turn could cause product malfunction or inefficient performance.



If the outdoor unit must be placed in a location where it would be subjected to direct ocean winds, install a concrete windbreaker strong enough to block any winds. Windbreaker height and width should be more than 150% of the outdoor unit, and be installed at least 27-1/2 inches away from the outdoor unit to allow for airflow.



Planning for Snow and Ice

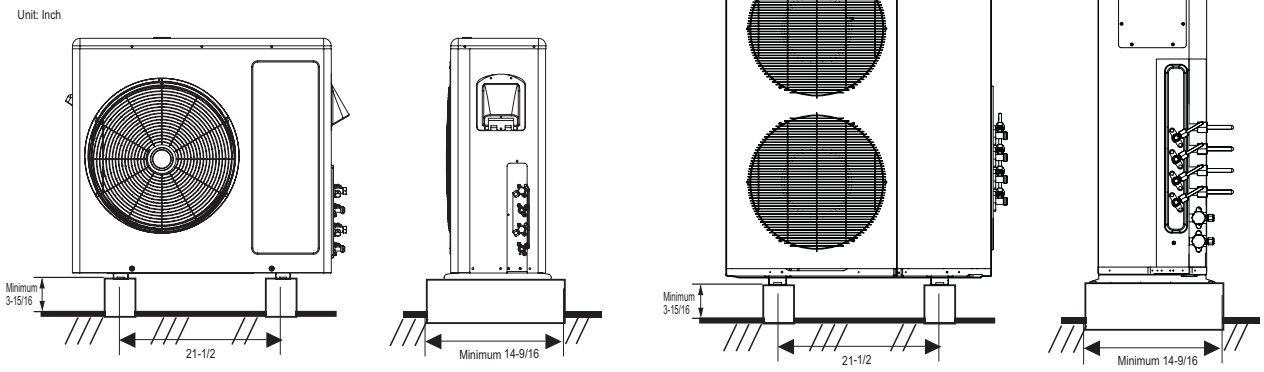
In climates that experience snow buildup, place the unit on a suitably high platform to ensure proper condenser airflow. The raised support platform must be high enough to allow the unit to remain above possible snow drifts. Mount the unit on a field-provided snow stand at a minimum height that is equal to the average annual snowfall, plus 20 inches. Design the mounting base to prevent snow accumulation on the platform in front or back of the unit case. If necessary, provide a field fabricated hood to keep snow and ice and/or drifting snow from accumulating on the coil surfaces. Use inlet and discharge duct or hoods to prevent snow or rain from accumulating on the fan inlet and outlet guards. Best practice prevents snow from accumulating on top of the unit. Consider tie-down requirements in case of high winds or where required by local codes.

Due to our policy of continuous product innovation, some specifications may change without notification.
©LG Electronics U.S.A., Inc., Englewood Cliffs, NJ. All rights reserved. "LG" is a registered trademark of LG Corp.

PLACEMENT CONSIDERATIONS

Outdoor Unit Platform Requirements

Figure 44: Outdoor Unit Foundation Requirements.

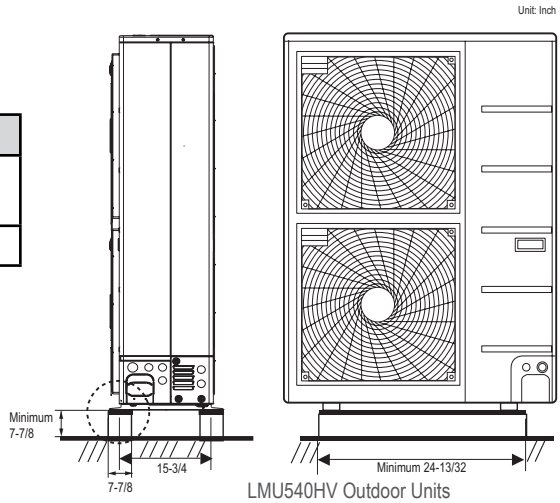


LMU187HV and LMU247HV Outdoor Units

LMU369HV Outdoor Units

Table 162: Outdoor Unit Foundation Specifications.

Outdoor Unit Type	Bolt Type	Concrete Height	Bolt Depth
LMU187HV, LMU247HV, LMU369HV	M10-J	Minimum 3-15/16 inches	Minimum 2-3/4 inches
LMU540HV	M10-J	Minimum 7-7/8 inches	Minimum 2-3/4 inches

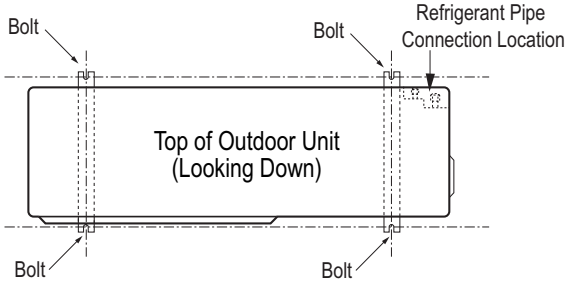


LMU540HV Outdoor Units

Bolting the Outdoor Unit to the Platform

1. Ensure that the concrete platform will not degrade easily, and has enough strength to bear the weight of the unit.
2. Include an H-beam support. Firmly attach the corners, otherwise the support will bend.
3. Use a hexagon nut.
4. Use anti-vibration material.
5. Include enough space around the concrete foundation for condensate drainage.
6. Seal all wiring and piping access holes to prevent bugs from entering the unit.

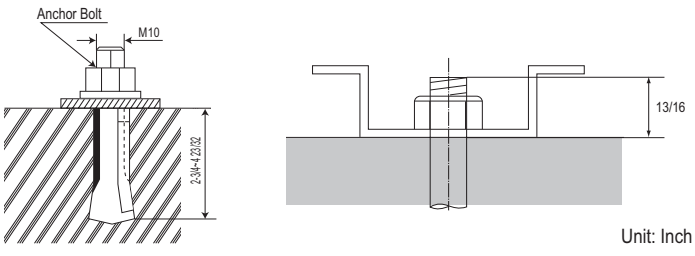
Figure 45: Bolting the Outdoor Unit to the Platform.



Concrete Platform Specifications

- Concrete foundations should be made of one part cement, two parts sand, and four parts gravel.
- The surface of the foundation should be finished with mortar with rounded edges, and weatherproofed.

Figure 46: Close up of Bolt Attachment.



Due to our policy of continuous product innovation, some specifications may change without notification.
©LG Electronics U.S.A., Inc., Englewood Cliffs, NJ. All rights reserved. "LG" is a registered trademark of LG Corp.

Tie-Downs and Lightening Protection

Tie-Downs

- The strength of the roof must be checked before installing the outdoor units.
- If the installation site is prone to high winds or earthquakes, when installing on the wall or roof, securely anchor the mounting base using a field-provided tie-down configuration approved by a local professional engineer.
- The overall tie-down configuration must be approved by a local professional engineer. Always refer to local code when using a wind restraint system.

Lightening Protection

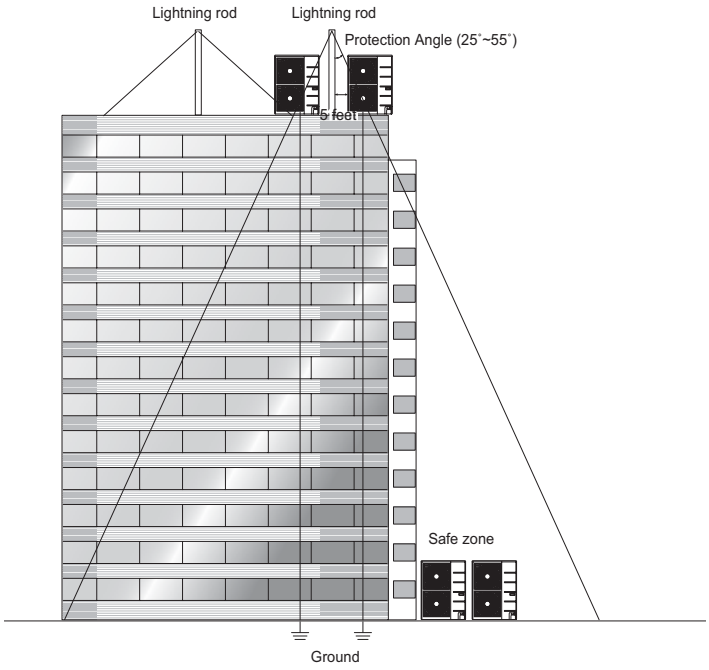
- To protect the outdoor unit from lightning, it should be placed within the specified lightning safety zone.

Table 163: Safety Zone Specifications.

Building Height (feet)	66	98	148	197
Protection Angle (˚)	55	45	35	25

- Power cable and communication cable should be installed five (5) feet away from lightning rod.
- A high-resistance ground system should be included to protect against induced lightning or indirect strike.

Figure 47: Lightening Protection Diagram.



Note:

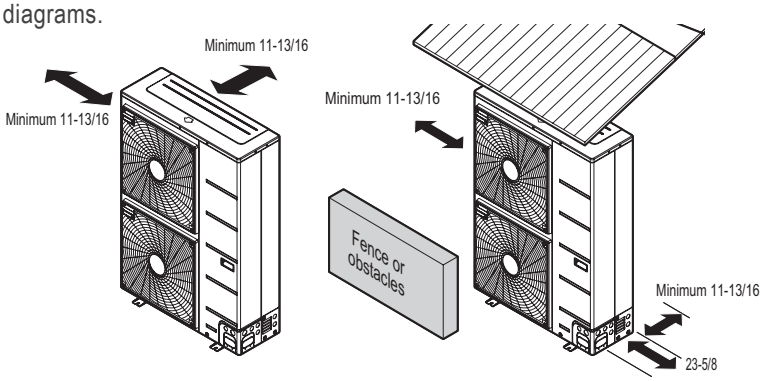
If the building does not include lightning protection, the outdoor unit may be damaged from a lightening strike. Inform the customer of this possibility in advance.

Outdoor Unit Service Access and Allowable Clearances

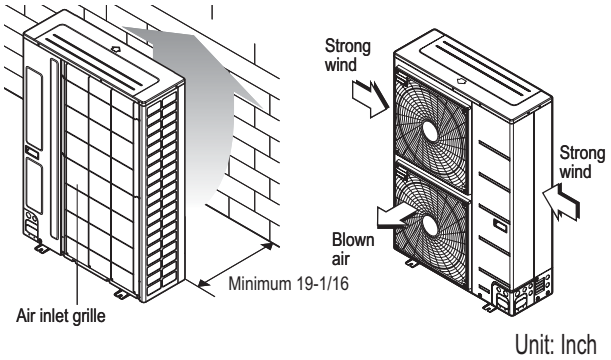
Appropriate airflow through the outdoor unit coil is critical for proper unit operation.

- Include enough space for airflow and for service access. If installing multiple outdoor units, avoid placing the units where the discharge of one unit will blow into the inlet side of an adjacent unit.
- No obstacles to air circulation around the unit; keep proper distances from ceilings, fences, floor, walls, etc. (Install a fence to prevent pests from damaging the unit or unauthorized individuals from accessing it.)
- If an awning is built over the unit to prevent direct sunlight or rain exposure, make sure that the discharge air of the outdoor unit isn't restricted.

When installing the outdoor unit, consider service, inlet, and outlet, and minimum allowable space requirements as illustrated in the following diagrams.



Ensure that the space at the back of the outdoor unit is a minimum of 11-13/16 inches, and include a minimum of 23-5/8 inches at the right side of the unit for service.



Unit: Inch

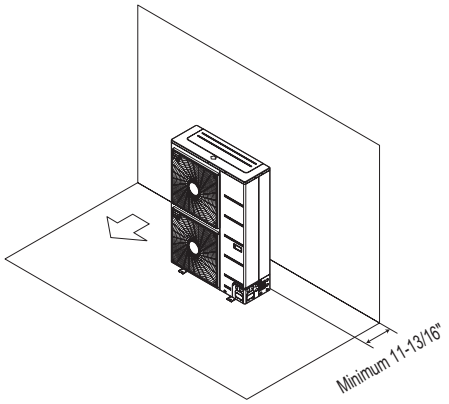
If the outdoor unit discharge side faces a wall, include a minimum of 19-11/16 inches between the outdoor unit and the wall. Install the outdoor unit so that the discharge port is set at a right angle to the wind direction.

Due to our policy of continuous product innovation, some specifications may change without notification.
©LG Electronics U.S.A., Inc., Englewood Cliffs, NJ. All rights reserved. "LG" is a registered trademark of LG Corp.

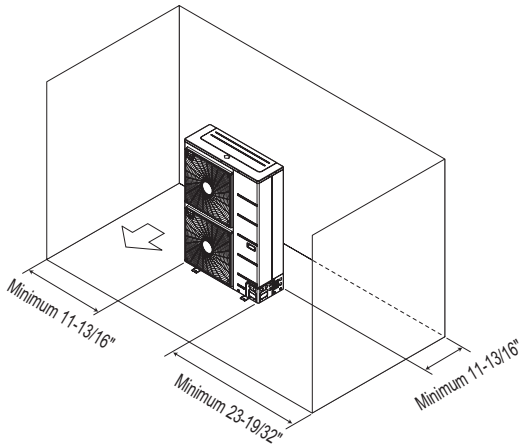
PLACEMENT CONSIDERATIONS

Clearance Requirements when Different Obstacles are Present (Unit: Inch).

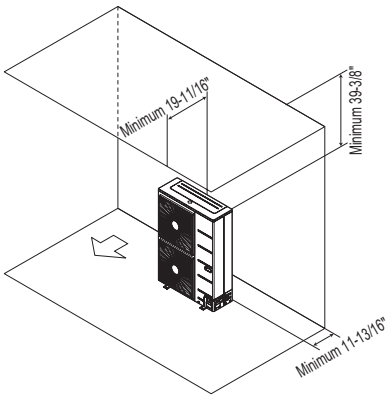
Obstacle on the suction side only.



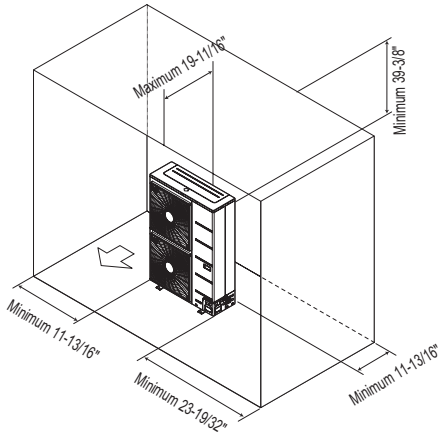
Obstacles on the suction side and on both left and right sides.



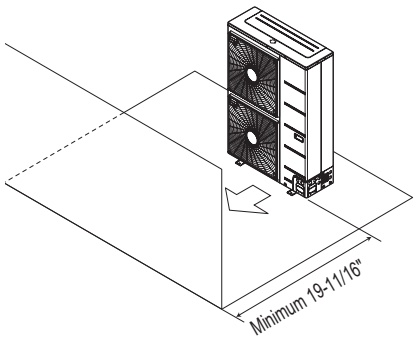
Obstacles above and on the air intake side.



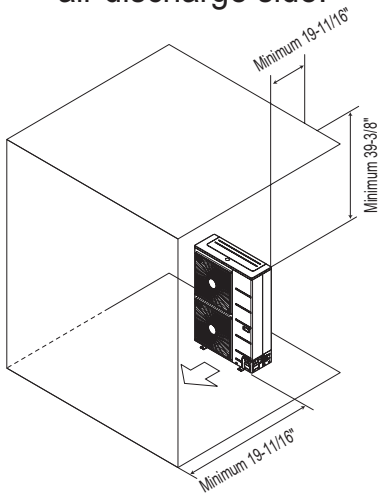
Obstacles above, on the air intake side, and on both left and right sides



Obstacle just on the air discharge side.



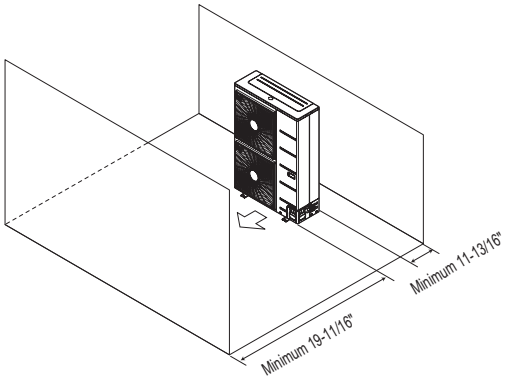
Obstacles above and on the air discharge side.



Due to our policy of continuous product innovation, some specifications may change without notification.
©LG Electronics U.S.A., Inc., Englewood Cliffs, NJ. All rights reserved. "LG" is a registered trademark of LG Corp.

Clearance Requirements when Different Obstacles are Present, continued. (Unit: Inch)

Where there are obstacles on both suction and discharge sides (discharge side obstacle is higher than the outdoor unit).



Where there are obstacles above, and on both suction and discharge sides (discharge side obstacle is higher than the outdoor unit).

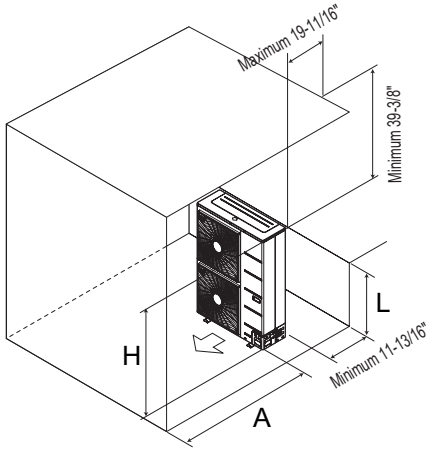
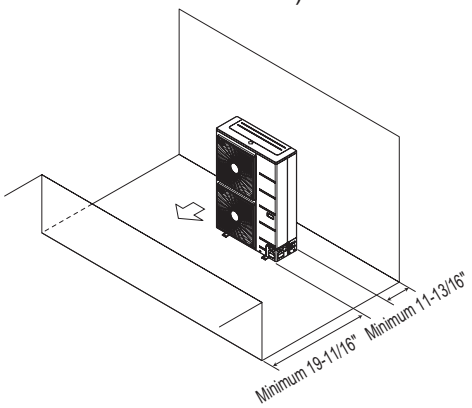


Table 164: Ratio among H, A, and L.

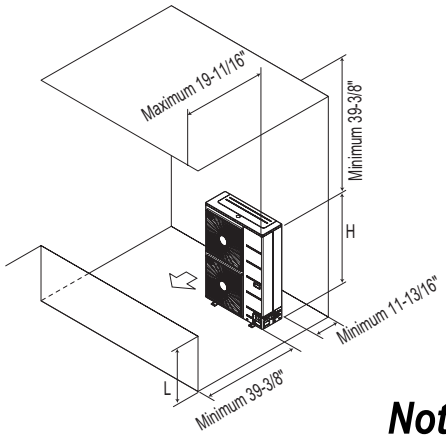
	L	A
L ≤ H	0 < L ≤ 1/2 H	29-1/32 inches
	1/2 H < L	39-3/8 inches
H < L	Set Stand as: L ≤ H	

If a stand is necessary, it should be contained (not open frame) to prevent the discharge air from short cycling.

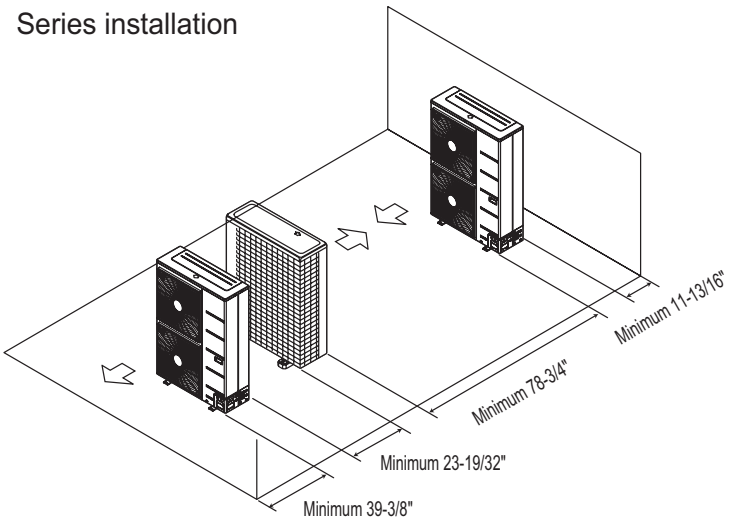
Where there are obstacles on both suction and discharge sides (discharge side obstacle is lower than the outdoor unit).



Where there are obstacles above, and on both suction and discharge sides (discharge side obstacle is lower than the outdoor unit).



Series installation



Note:

"L" should be lower than "H". If a stand is necessary, it should be contained (not open frame) to prevent the discharge air from short cycling.

Due to our policy of continuous product innovation, some specifications may change without notification.
©LG Electronics U.S.A., Inc., Englewood Cliffs, NJ. All rights reserved. "LG" is a registered trademark of LG Corp.

REFRIGERANT PIPING DESIGN & LAYOUT BEST PRACTICES

“Design Guideline Summary” on page 198
“Creating a Balanced / Quality Piping System” on page 200
“Manual Layout Procedure” on page 200
“LG Engineered Multi F MAX Y-Branch Kits” on page 201
“Refrigerant Charge” on page 202
“Selecting Field-Supplied Copper Tubing” on page 204
“Refrigerant Piping System Layout” on page 206
“Piping Insulation” on page 214
“Condensate Drain Piping” on page 215
“Cut Sheet” on page 217

REFRIGERANT PIPING DESIGN

MULTI F
MULTI F MAX

Design Guideline Summary

The following are examples of manual pipe size calculations. Designers are highly encouraged to use LATS for Multi F systems.

Device Connection Limitations

- The minimum number of connected and operating indoor units to Multi F / Multi F MAX systems is two, taking into consideration of the minimum combination ratio.
- The maximum number of indoor units for each Multi F / Multi F MAX heat pump systems is:

LMU187HV = 2 LMU247HV = 3 LMU369HV = 4 LMU540HV = 8

One of the most critical elements of multi-zone systems is the refrigerant piping. The following pages list pipe length limits that must be followed in the design of Multi F and Multi F MAX refrigerant pipe systems:

Using Refrigerant Components

Field-supplied elbows are allowed as long as they are designed for use with R410A refrigerant. The designer, however, should be cautious with the quantity and size of fittings used, and must account for the additional pressure losses in equivalent pipe length calculation for each branch. The equivalent pipe length of each elbow must be added to each pipe segment.

Table 165: Equivalent Piping Length for Elbows, Y-branches, and Branch Distribution Units.

Component	Size (Inches)				
	1/4	3/8	1/2	5/8	3/4
Elbow (ft.)	0.5	0.6	0.7	0.8	1.2
Y-Branch Kit (ft., Multi F MAX systems only)[1]	1.6				
Branch Distribution Unit (ft., Multi F MAX systems only)	8.2				

[1]Kit contains two Y-branches: one for liquid and one for vapor.

Multi F System

Example: LMU369HV outdoor unit with four (4) indoor units connected.
ODU: Outdoor Unit.
IDU: Indoor Unit.
A, B, C, D: Pipes from Outdoor Unit to Indoor Unit.

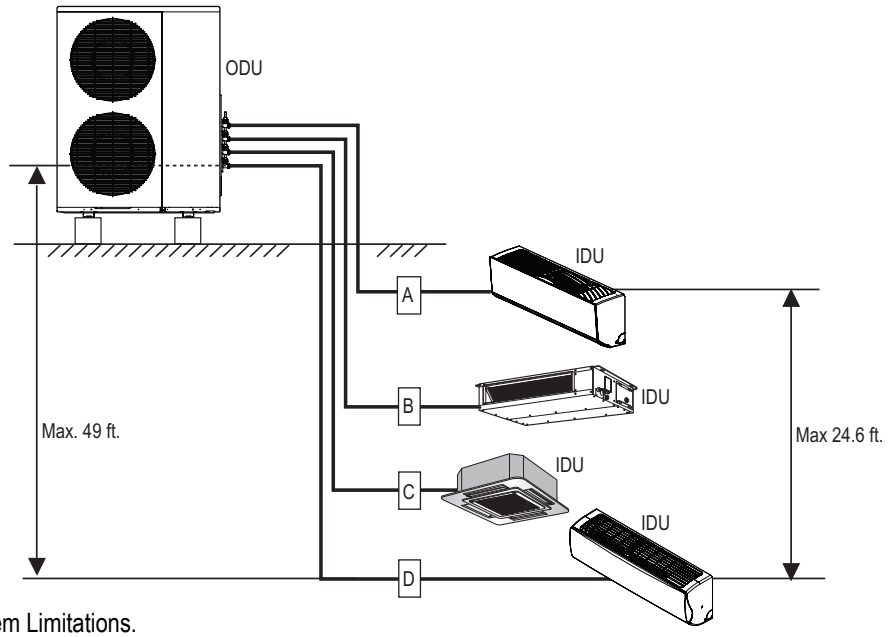


Table 166: Multi F Outdoor Unit Refrigerant Piping System Limitations.

Outdoor Unit	Minimum Length for Each Pipe (ft.)	Maximum Piping Length to Each Indoor Unit (ft.)				Maximum Total Piping Length for Each System (ft.)
		A	B	C	D	
LMU187HV	10	82	82	-	-	164
LMU247HV	10	82	82	82	-	246
LMU369HV	10	82	82	82	82	246

Due to our policy of continuous product innovation, some specifications may change without notification.
©LG Electronics U.S.A., Inc., Englewood Cliffs, NJ. All rights reserved. "LG" is a registered trademark of LG Corp.

REFRIGERANT PIPING DESIGN

Design Guideline Summary

The following are examples of manual pipe size calculations. Designers are highly encouraged to use LATS for Multi F systems.

Multi F MAX System with One Branch Distribution Unit

Example: LMU540HV outdoor unit with four (4) indoor units, and one (1) branch distribution unit connected.

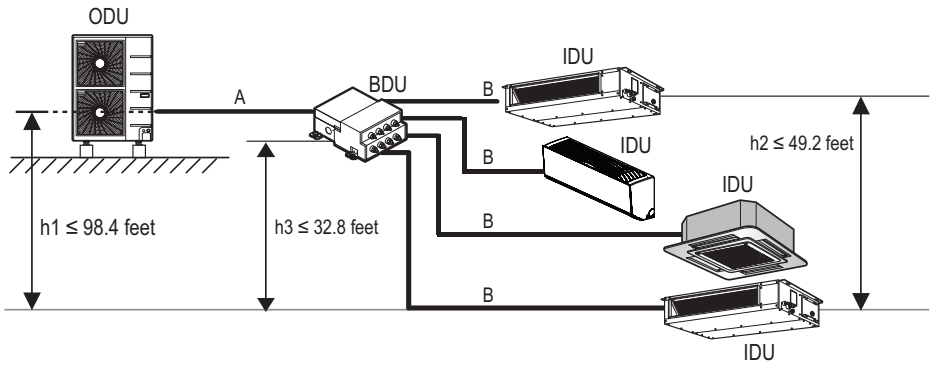
ODU: Outdoor Unit.

IDU: Indoor Unit.

BDU: Branch Distribution Unit.

A: Main Pipe.

B: Branch Pipe (Branch Distribution Unit to Indoor Unit[s]).



Multi F MAX System with Two Branch Distribution Units

Example: LMU540HV outdoor unit with seven (7) indoor units, and two (2) branch distribution units connected.

ODU: Outdoor Unit.

IDU: Indoor Unit.

BD: Branch Distribution Unit(s).

ΣA: Main Pipe.

ΣB: Branch Pipe (Branch Distribution Unit[s] to Indoor Unit[s]).

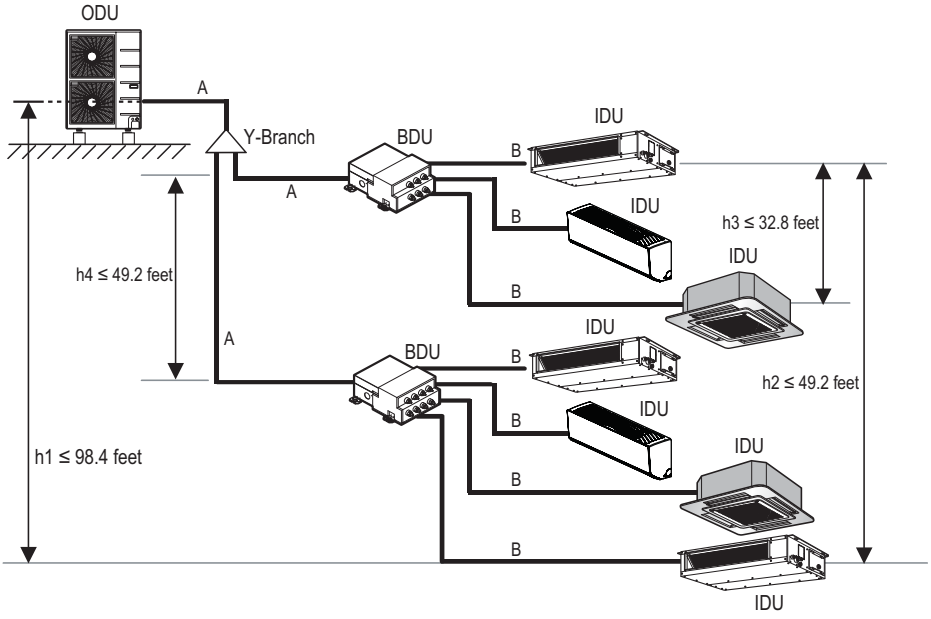


Table 167: Multi F MAX Outdoor Unit Refrigerant Piping System Limitations.

Pipe Length (ELF = Equivalent Length of pipe in Feet)	Total piping length (ΣA + ΣB)		≤475.7 feet
	Main pipe (Outdoor Unit to Branch Distribution Units: ΣA)	Minimum	10 feet
		Maximum	≤180.4 feet
	Total branch piping length (ΣB)		≤295.3 feet
	Branch pipe (Branch Distribution Units to Indoor Units: B)	Minimum	10 feet
		Maximum	≤49.2 feet
Elevation Differential (All Elevation Limitations are Measured in Actual Feet)	If outdoor unit is above or below indoor unit (h1)		≤98.4 feet
	Between the farthest two indoor units (h2)		≤42.9 feet
	Between branch distribution unit and farthest indoor unit(s) (h3)		≤32.8 feet
	Between branch distribution units (h4)		≤42.9 feet

Table 168: Multi F MAX Piping Sizes.

Piping	Main Pipe A (inch)	Branch Pipe B
Liquid	Ø3/8	Depends on the size of the indoor unit piping
Gas	Ø3/4	

Due to our policy of continuous product innovation, some specifications may change without notification.
©LG Electronics U.S.A., Inc., Englewood Cliffs, NJ. All rights reserved. "LG" is a registered trademark of LG Corp.

REFRIGERANT PIPING DESIGN

Creating a Balanced System / Manual Layout Procedure

Creating a Balanced / Quality Piping System

Unlike designing duct-work or chilled and hot water pipe systems where balancing dampers, ball valves, orifices, circuit setters, or other flow control devices can be installed to modify or balance the flow of cooling medium, these cannot be used in a Multi F system. Therefore, variable refrigerant flow systems have to be designed to be "self balanced." Balanced liquid refrigerant distribution is solely dependent on the designer using the correct pipe size for each segment. Pipe sizing considerations include pipe length, pipe segment pressure drop relative to other pipe segments in the system, type and quantity of elbows, bends present, fitting installation orientation, and end use device elevation differences.

Note:

The designer should avoid creating excessive pressure drop. When liquid refrigerant is subjected to excessive pressure drop, liquid refrigerant will change state and "flash" to vapor. Vapor present in a stream of liquid refrigerant before reaching the indoor unit coil (or branch distribution unit for Multi F MAX systems) results in a loss of system control and causes damage to the components. The pipe system must be designed in a manner that avoids the creation of unwanted vapor.

Refrigerant Piping System Verification

To ensure that the refrigerant piping design is suitable for the system, a LATS refrigerant piping design software report must be provided with every Multi F order. Following the installation, if any changes or variations to the design were necessary, an "as-built" LATS piping design software report must be provided to LG prior to system commissioning. User should always check the LATS report actual pipe layout versus pipe limits.

Note:

Any field changes, such as re-routing, shortening or lengthening a pipe segment, adding or eliminating elbows and/or fittings, re-sizing, adding, or eliminating indoor units, changing the mounting height or moving the location of a device or fitting during installation should be done with caution and ALWAYS VERIFIED in LATS MULTI SOFTWARE before supplies are purchased or installed. Doing so ensures profitable installation, eliminates rework, and ensures easier system commissioning.

Manual Layout Procedure

1. Choose the location of the indoor units on the building drawing.
2. Choose the location of all Y-branch and branch distribution units (if a Multi F MAX system) and note them on the building drawing. Verify that all fittings are positioned per the guideline limitations set forth in "Y-branch Kits" on page 201.
3. Plan the route for interconnecting piping. Draw a one-line depiction of the pipe route chosen on the building drawing.
4. Calculate the actual length of each pipe segment and note it on the building drawing.
5. Using the data obtained while selecting the system components on page 180 to 185, list the corrected cooling capacity next to each indoor unit on the drawing.
6. Starting at the indoor unit located farthest from the outdoor unit, sum the corrected cooling capacity of all indoor units served by the pipe segment for each branch and runout pipe (indoor units and branch distribution units [Multi F MAX systems only]). Record these values next to each segment.
7. Verify the size of the liquid and vapor lines.
8. If a Multi F MAX system, refer to Cut-Sheets "Y-branch Kits" on page 217 and branch distribution units on page 172 to verify the part number of each Y-branch and branch distribution unit based on the connected downstream nominal capacity served.
9. Calculate the equivalent pipe length in feet of each pipe segment. If a Multi F MAX system, Y-branch equivalent lengths should be totaled with the upstream segment only. Use equivalent pipe length data when it is provided with field-purchased fittings. If not available, use the data provided on page 165 to estimate the equivalent length of field-provided pipe and fittings for each segment. Equivalent lengths should be totaled with the upstream segment only.
10. Verify if the equivalent pipe length complies with the limitations in the "Multi F and Multi F MAX Refrigerant Piping System Limitations" tables on pages 166 and 167. If the limitations are exceeded, either reroute the pipe or change the location of the indoor unit, Y-branch fittings and branch distribution units (if Multi F MAX systems), so the design conforms with all limitations.
11. If adjusted as per Step 10 above, verify again if the length of the design complies with the limitations set in "Multi F and Multi F MAX Refrigerant Piping System Limitations" tables on pages 166 and 167.
12. Verify that the manually sized pipe design is acceptable using LATS Multi. When entering the length of pipe segments in LATS Multi software, enter the equivalent pipe length. Account for the additional pressure drop created by elbows, valves, and other fittings present in each segment by adding their respective equivalent pipe length to the actual pipe length.

Due to our policy of continuous product innovation, some specifications may change without notification.
©LG Electronics U.S.A., Inc., Englewood Cliffs, NJ. All rights reserved. "LG" is a registered trademark of LG Corp.

REFRIGERANT PIPING DESIGN

LG Engineered Multi F MAX Y-Branch Kit

Multi F MAX Y-Branch Kit PMBL5620

The LG supplied Y-Branch Kit PMBL5620 MUST be used when two branch distribution units are connected on one Multi F MAX system. Field-supplied fittings are not permitted. Each Y-Branch kit comes with two (2) Y-branches (one for the liquid line and one for the vapor line) and insulation covers.

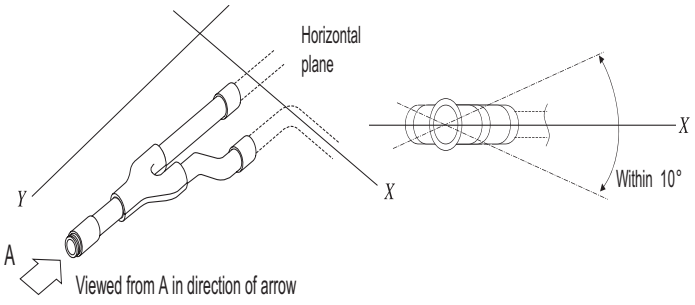
Y-branches may be installed in horizontal or vertical configurations. When installed vertically, position the Y-branch so the straight-through leg is ±3° of plumb (Figure 50). When installed horizontally, position the Y-branch so the take-off leg is level and shares the same horizontal plane as the straight-through leg ±10° rotation as shown in Figure 50.

Y-branches must be properly installed following instructions in the applicable LG manual. Y-branches should always be installed with the single port facing the outdoor unit and the two-port end facing the branch distribution units (see Figure 48). Do not install Y-branches backwards as refrigerant flow cannot make U-turns. The Y-branch kit must be located at least three (3) feet from the outdoor unit. Provide a minimum of 20 inches between a Y-branch and the branch distribution unit.

It is recommended that when a Y-branch is located in a pipe chase or other concealed space, access doors should be provided for inspection access.

The equivalent pipe length of each Y-branch (1.6') must be added to the main pipe segment entered into LATS piping design software.

Figure 50: Horizontal Configuration End View.



Y-Branch Kit Insulation

Each Y-branch kit comes with clam-shell type peel-and-stick insulation jackets molded to fit the Y-branch fittings as shown in Figure 51—one for the liquid line, one for the vapor line.

- Check the fit of the Y-branch clam-shell insulation jacket after the Y-branch is installed.
- Mark the pipe where the insulation jacket ends.
- Remove the jacket.
- Install field-provided insulation on the pipes first.
- Peel the adhesive glue protector slip and install the clam-shell jacket over the fitting

Figure 48: Y-Branch Connections.

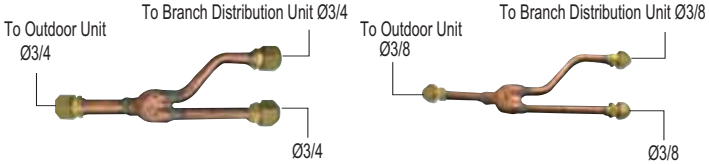
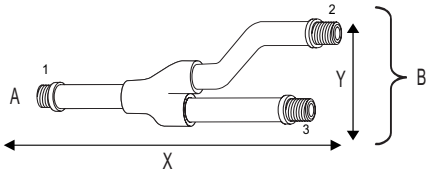


Table 169: Y-Branch Connection Diameters.

Model	Y-Branch Type	Port Identifier (inch)			Dimensions	
		1	2	3	X	Y
PMBL5620	Liquid	3/8	3/8	3/8	13.80	3.24
	Vapor	3/4	3/4	3/4	12.48	3.02

Figure 49: Y-Branch Dimensions Diagram.



A = To Outdoor Unit
B = To Branch Distribution Unit

Note:

- *Design pressure is 551 psig.*
- *All dimensions in inches. Tolerance ±1/4 inch.*
- *Images are not to scale.*

Figure 51: Y-branch Installation Alignment Specification.

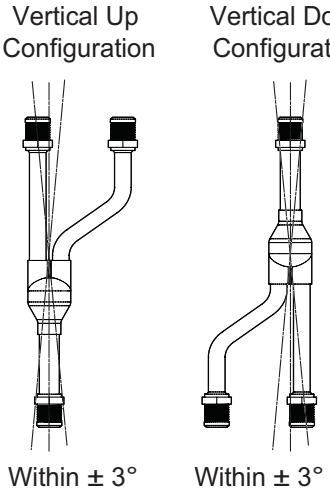
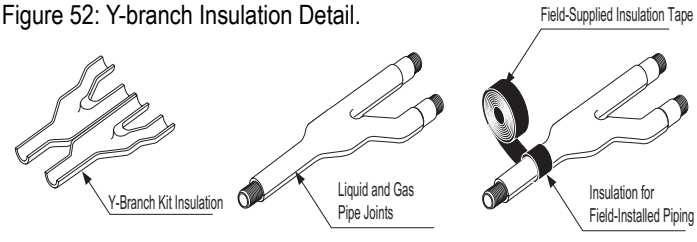


Figure 52: Y-branch Insulation Detail.



Due to our policy of continuous product innovation, some specifications may change without notification.
©LG Electronics U.S.A., Inc., Englewood Cliffs, NJ. All rights reserved. "LG" is a registered trademark of LG Corp.

REFRIGERANT PIPING DESIGN

Refrigerant Charge

LG Multi F and Multi F MAX outdoor units ship from the factory with a charge of R410A refrigerant. A trim charge may need to be added to take into account additional piping length.

To determine the additional refrigerant that is needed, apply the formulas below, and record the results. If the total additional refrigerant charge value is a negative number, then an additional trim charge does not need to be added to the system.

Table 170: Outdoor Unit Factory Charge.

Outdoor Unit	Factory Charge lbs. of R410A
LMU187HV	4.19
LMU247HV	4.63
LMU369HV	7.72
LMU540HV	9.7

Multi F Systems

Additional charge (lbs.) = (Installed Length of Branch [A] – Chargeless Pipe Length [A]) x a
+ (Installed Length of Branch [B] – Chargeless Pipe Length [A]) x a
+ (Installed Length of Branch [C] – Chargeless Pipe Length [A]) x a
+ (Installed Length of Branch [D] – Chargeless Pipe Length [A]) x a
- CF (Correction Factor) x 5.29

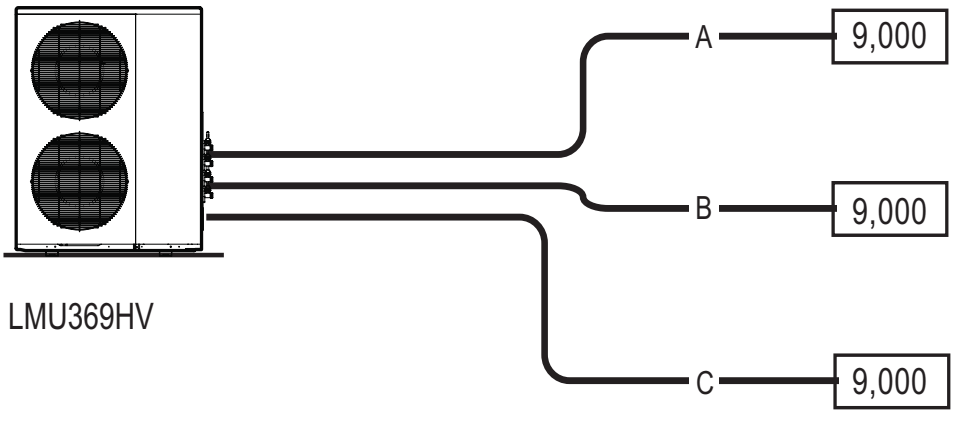
Note:

- *Number of installed length of branches depends on the specifications of the outdoor unit model.*
- *CF = Maximum number of connectable indoor units – Total number of connected indoor units*

Table 171: Multi F Outdoor Unit Piping Specifications.

Outdoor Unit Model	Max. Piping Length for One Branch (ft.)	Max. Total System Piping Length (ft.)	Chargeless Pipe Length per Branch (A) (ft.)	Additional Charge Needed (a) (oz./ft.)
LMU187HV	82	164	24.6	0.22
LMU247HV	82	246	24.6	0.22
LMU369HV	82	246	24.6	0.22

Figure 53: Multi F Additional Refrigerant Charge Example.



Each branch pipe
A = 82 ft.
B = 16 ft.
C = 49 ft.

Additional Charge
= (82 - 25) x 0.22
+ (16 - 25) x 0.22
+ (49 - 25) x 0.22
– (4 - 3) x 5.29
= 10.55 oz.

Due to our policy of continuous product innovation, some specifications may change without notification.
©LG Electronics U.S.A., Inc., Englewood Cliffs, NJ. All rights reserved. "LG" is a registered trademark of LG Corp.

REFRIGERANT PIPING DESIGN

Refrigerant Charge

Multi F MAX Systems

Additional charge (lbs.) = (Total Main Piping Length [A] - Chargeless Pipe Length of Main Pipe [A]) x a
+ (Installed Length of Branch [B1] – Chargeless Pipe Length [B]) x b
+ (Installed Length of Branch [B2] – Chargeless Pipe Length [B]) x b
+ (Installed Length of Branch [B3] – Chargeless Pipe Length [B]) x b ...
- CF (Correction Factor) x 3.53

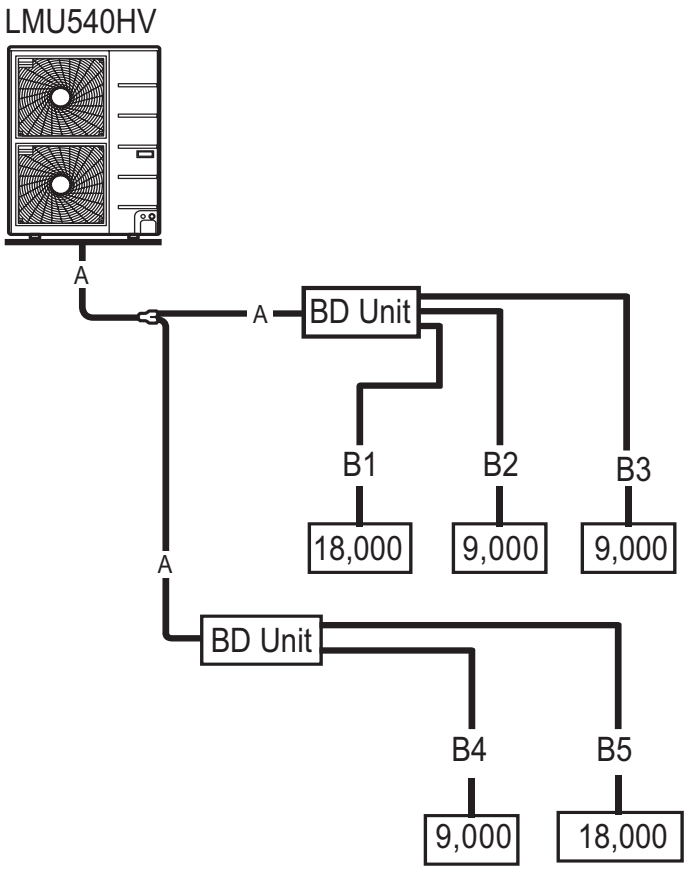
Note:

- *Number of installed length of branches depends on system specifications.*
- *CF = Maximum number of connectable indoor units – Total number of connected indoor units*

Table 172: Multi F MAX Outdoor Unit Piping Specifications.

Outdoor Unit Model	Main Piping Length		Branch Piping Length	
	Chargeless Pipe Length of Main Pipe (A) (ft.)	Additional Charge Needed (a) (oz./ft.)	Chargeless Pipe Length per Branch Pipe (B) (ft.)	Additional Charge Needed (b) (oz./ft.)
LMU540HV	16.4	0.54	16.4	0.22

Figure 54: Multi F MAX Additional Refrigerant Charge Example.



- Total main pipe (A) = 60 ft.
- Each branch pipe
  B1 = 49 ft.
  B2 = 17 ft.
  B3 = 17 ft.
  B4 = 10 ft.
  B5 = 23 ft.

Additional Charge
= (60 - 16.4) x 0.54
+ (49 - 16.4) x 0.22
+ (17 - 16.4) x 0.22
+ (17 - 16.4) x 0.22
+ (10 - 16.4) x 0.22
+ (23 - 16.4) x 0.22
– (8 - 5) x 3.53
= 20.43 oz.

Due to our policy of continuous product innovation, some specifications may change without notification.
©LG Electronics U.S.A., Inc., Englewood Cliffs, NJ. All rights reserved. "LG" is a registered trademark of LG Corp.

REFRIGERANT PIPING DESIGN

Selecting Field-Supplied Copper Tubing

Copper is the only approved refrigerant pipe material for use with LG Multi F air conditioning products, and LG recommends hard-drawn rigid type "K" or "L", or annealed-tempered, copper pipe.

- Drawn temper (rigid) ACR copper tubing is available in sizes 3/8 through 2-1/8 inches (ASTM B 280, clean, dry, and capped).
- Annealed temper (soft) ACR copper tubing is available in sizes 1/4 through 2-1/8 inches (ASTM B 280, clean, dry, and capped).

Tube wall thickness should meet local code requirements and be approved for an operating pressure of 551 psi. If local code does not specify wall thickness, LG suggests using tube thickness per the table below. When bending tubing, use the largest radii possible to reduce the equivalent length of installed pipe; also, bending radii greater than ten (10) pipe diameters can minimize pressure drop. Be sure no traps or sags are present when rolling out soft copper tubing coils.

Table 173: ACR Copper Tubing Material.

Type	Seamless Phosphorous Deoxidized
Class	UNS C12200 DHP
Straight Lengths	H58 Temper
Coils	O60 Temper

Table 174: Piping Tube Thicknesses.

OD (in)	1/4	3/8	1/2	5/8	3/4
Material	Rigid Type "K" or "L" - Soft ACR Acceptable			Rigid Type "K" or "L" Only	
Min. Bend Radius (in)	.563	.9375	1.5	2.25	3.0
Min. Wall Thickness (in)	.031	.031	.031	.039	.039

Copper Expansion and Contraction

Under normal operating conditions, the vapor pipe temperature of a Multi F system can vary as much as 280°F. With this large variance in pipe temperature, the designer must consider pipe expansion and contraction to avoid pipe and fitting fatigue failures.

Refrigerant pipe, along with the insulation jacket, form a cohesive unit that expands and contracts together. During system operation, thermal heat transfer occurs between the pipe and the surrounding insulation.

If the pipe is mounted in free air space, no natural restriction to movement is present if mounting clamps are properly spaced and installed. When the refrigerant pipe is mounted underground in a utility duct stacked among other pipes, natural restriction to linear movement is present. In extreme cases, the restrictive force of surface friction between insulating jackets could become so great that natural expansion ceases and the pipe is "fixed" in place. In this situation, opposing force caused by change in refrigerant fluid/vapor temperature can lead to pipe/fitting stress failure.

The refrigerant pipe support system must be engineered to allow free expansion to occur. When a segment of pipe is mounted between two fixed points, provisions must be provided to allow pipe expansion to naturally occur. The most common method is the inclusion of expansion Loop or U-bends. See Figure 55 on page 205. Each segment of pipe has a natural fixed point where no movement occurs. This fixed point is located at the center point of the segment assuming the entire pipe is insulated in a similar fashion. The natural fixed point of the pipe segment is typically where the expansion Loop or U-bend should be. Linear pipe expansion can be calculated using the following formula:

$$LE = C \times L \times (T_r - T_a) \times 12$$

LE	=	Anticipated linear tubing expansion (in.)
C	=	Constant (For copper = 9.2 x 10^{-6} in./in.°F)
L	=	Length of pipe (ft.)
T_R	=	Refrigerant pipe temperature (°F)
T_a	=	Ambient air temperature (°F)
12	=	Inches to feet conversion (12 in./ft.)

1. From Table 175, find the row corresponding with the actual length of the straight pipe segment.
2. Estimate the minimum and maximum temperature of the pipe. In the column showing the minimum pipe temperature, look up the anticipated expansion distance. Do the same for the maximum pipe temperature.
3. Calculate the difference in the two expansion distance values. The result will be the anticipated change in pipe length.

Example:

A Multi F MAX system is installed and the design shows that there is a 100 foot straight segment of tubing between a Y-branch and a branch distribution unit. In heating, this pipe transports hot gas vapor to the indoor units at 120°F. In cooling, the same tube is a suction line returning refrigerant vapor to the outdoor unit at 40°F. Look up the copper tubing expansion at each temperature and calculate the difference.

Vapor Line

Transporting Hot Vapor: 100 ft. pipe at 120°F = 1.40 in.
Transporting Suction Vapor: 100 ft. pipe at 40°F = 0.40 in.
Anticipated Change in Length: 1.40 in. – 0.40 in. = 1.00 in.

Liquid Line

The liquid temperature remains the same temperature; only the direction of flow will reverse. Therefore, no significant change in length of the liquid line is anticipated.

When creating an expansion joint, the joint height should be a minimum of two times the joint width. Although different types of expansion arrangements are available, the data for correctly sizing an Expansion Loop is provided in Table 176. Use soft copper with long radius bends on longer runs or long radius elbows for shorter pipe segments. Using the anticipated linear expansion (LE) distance calculated, look up the Expansion Loop or U-bend minimum design dimensions. If other types of expansion joints are chosen, design per ASTM B-88 Standards.

Due to our policy of continuous product innovation, some specifications may change without notification.
©LG Electronics U.S.A., Inc., Englewood Cliffs, NJ. All rights reserved. "LG" is a registered trademark of LG Corp.

INSTALLATION & LAYOUT BEST PRACTICES

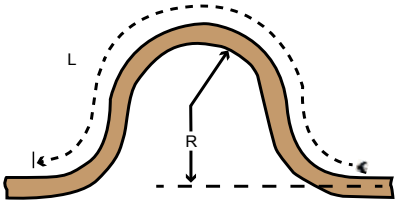
Selecting Field-Supplied Copper Tubing

Table 175: Linear Thermal Expansion of Copper Tubing in Inches.

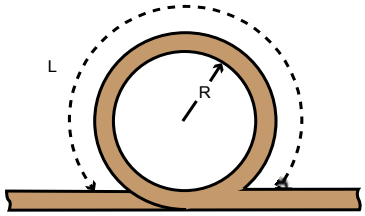
Pipe Length[1]	Fluid Temperature °F																			
	35°	40°	45°	50°	55°	60°	65°	70°	75°	80°	85°	90°	95°	100°	105°	110°	115°	120°	125°	130°
10	0.04	0.04	0.05	0.06	0.06	0.07	0.08	0.08	0.09	0.09	0.10	0.10	0.11	0.11	0.11	0.12	0.13	0.14	0.15	0.15
20	0.08	0.08	0.10	0.12	0.13	0.14	0.15	0.16	0.17	0.18	0.19	0.20	0.21	0.22	0.22	0.23	0.26	0.28	0.29	0.30
30	0.12	0.12	0.15	0.18	0.20	0.21	0.23	0.24	0.26	0.27	0.29	0.30	0.32	0.33	0.32	0.35	0.39	0.42	0.44	0.45
40	0.16	0.16	0.20	0.24	0.26	0.28	0.30	0.32	0.34	0.36	0.38	0.40	0.42	0.44	0.43	0.46	0.52	0.56	0.58	0.60
50	0.20	0.20	0.25	0.30	0.33	0.35	0.38	0.40	0.43	0.45	0.48	0.50	0.53	0.55	0.54	0.58	0.65	0.70	0.73	0.75
60	0.24	0.24	0.30	0.36	0.39	0.42	0.45	0.48	0.51	0.54	0.57	0.60	0.63	0.66	0.65	0.69	0.78	0.84	0.87	0.90
70	0.28	0.28	0.35	0.42	0.46	0.49	0.53	0.56	0.60	0.63	0.67	0.70	0.74	0.77	0.76	0.81	0.91	0.98	1.02	1.05
80	0.32	0.32	0.40	0.48	0.52	0.56	0.60	0.64	0.68	0.72	0.76	0.80	0.84	0.88	0.86	0.92	1.04	1.12	1.16	1.20
90	0.36	0.36	0.45	0.54	0.59	0.63	0.68	0.72	0.77	0.81	0.86	0.90	0.95	0.99	0.97	1.04	1.17	1.26	1.31	1.35
100	0.40	0.40	0.50	0.60	0.65	0.70	0.75	0.80	0.85	0.90	0.95	1.00	1.05	1.10	1.08	1.15	1.30	1.40	1.45	1.50
120	0.48	0.48	0.60	0.72	0.78	0.84	0.90	0.96	1.02	1.08	1.14	1.20	1.26	1.32	1.30	1.38	1.56	1.68	1.74	1.80
140	0.56	0.56	0.70	0.84	0.91	0.98	1.05	1.12	1.19	1.26	1.33	1.40	1.47	1.54	1.51	1.61	1.82	1.96	2.03	2.10
160	0.64	0.64	0.80	0.96	1.04	1.12	1.20	1.28	1.36	1.44	1.52	1.60	1.68	1.76	1.73	1.84	2.08	2.24	2.32	2.40
180	0.72	0.72	0.90	1.08	1.17	1.26	1.35	1.44	1.53	1.62	1.71	1.80	1.89	1.98	1.94	2.07	2.34	2.52	2.61	2.70

[1]Pipe length baseline temperature = 0°F. "Expansion of Carbon, Copper and Stainless Steel Pipe," *The Engineers' Toolbox*, www.engineeringtoolbox.com.

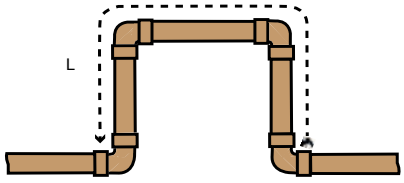
Figure 55: Coiled Expansion Loops and Offsets.



Large Tubing U-bend (>3/4 in.)



Loop



Small Tubing U-bend (<3/4 in.)

Table 176: Radii of Coiled Expansion Loops and Developed Lengths of Expansion Offsets.

Anticipated Linear Expansion (LE) (inches)		Nominal Tube Size (OD) inches			
		1/4	3/8	1/2	3/4
1/2	R[1]	6	7	8	9
	L[2]	38	44	50	59
1	R[1]	9	10	11	13
	L[2]	54	63	70	83
1-1/2	R[1]	11	12	14	16
	L[2]	66	77	86	101
2	R[1]	12	14	16	19
	L[2]	77	89	99	117
2-1/2	R[1]	14	16	18	21
	L[2]	86	99	111	131
3	R[1]	15	17	19	23
	L[2]	94	109	122	143
3-1/2	R[1]	16	19	21	25
	L[2]	102	117	131	155
4	R[1]	17	20	22	26
	L[2]	109	126	140	166

[1]R = Centerline Length of Pipe.

[2]L = Centerline Minimum Radius (inches).

Due to our policy of continuous product innovation, some specifications may change without notification.
©LG Electronics U.S.A., Inc., Englewood Cliffs, NJ. All rights reserved. "LG" is a registered trademark of LG Corp.

INSTALLATION & LAYOUT BEST PRACTICES

MULTI F
MULTI F MAX

Refrigerant Piping System Layout

Field-Provided Isolation Ball Valves

LG recommends installing field-supplied ball valves with Schrader ports at each indoor unit. Full-port isolation ball valves with Schrader ports (positioned between valve and indoor unit) rated for use with R410A refrigerant should be used on both the liquid and vapor lines.

If valves are not installed and a single indoor unit needs to be removed or repaired, the entire system must be shut down and evacuated. If isolation ball valves are installed, and an indoor unit needs to be repaired, the unaffected indoor units can remain operational with readdressing and the proper combination ratio. Reclamation of refrigerant, then, can be restricted to a single indoor unit.

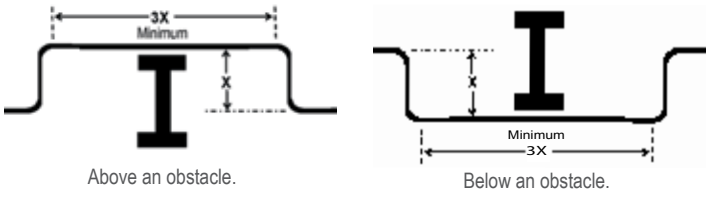
For Multi F MAX systems, position valves with a minimum distance of three (3) to six (6) inches of pipe on either side of the valve, and placed between six (6) and twelve (12) inches from the first upstream Y-branch or branch distribution unit. If ball valves are installed away from the first Y-branch and / or branch distribution unit and closer to the indoor unit, oil may accumulate where it cannot be returned to the outdoor unit and may cause a shortage of oil in the compressor.

Valves shall be easily accessible for service. If necessary, install drywall access doors or removable ceiling panels, and position the valves to face the access door or ceiling panel opening. Mount valves with adequate space between them to allow for placement of adequate pipe insulation around the valves. Recommended best practice is to clearly label and document locations of all service valves, Y-branches, and branch distribution units. The equivalent pipe length of each ball valve must be added to each pipe segment entered into the LATS program.

Obstacles

When an obstacle, such as an I-beam or concrete T, is in the path of the planned refrigerant pipe run, it is best practice to route the pipe over the obstacle. If adequate space is not available to route the insulated pipe over the obstacle, then route the pipe under the obstacle. In either case, it is imperative the horizontal section of pipe above or below the obstacle be a minimum of three (3) times greater than the longest vertical rise (or fall) distance.

Figure 56: Installing Piping Above and Below an Obstacle.



Above an obstacle. Below an obstacle.

Pipe Slope

The horizontal pipe slope cannot exceed 10° up or down.

In-line Refrigeration Components

Components such as oil traps, solenoid valves, filter-dryers, sight glasses, tee fittings, and other after-market accessories are not permitted on the refrigerant piping system between the outdoor units and the indoor / branch distribution units. Multi F and Multi F MAX systems are provided with redundant systems that assure oil is properly returned to the compressor. Sight-glasses and solenoid valves may cause vapor to form in the liquid stream. Over time, dryers may deteriorate and introduce debris into the system. The designer and installer should verify the refrigerant piping system is free of traps, sagging pipes, sight glasses, filter dryers, etc.

No Pipe Size Substitutions

Use only the pipe size selected by the LATS Multi pipe system design software or as conveyed in the product installation instructions. Using a different size is prohibited and may result in a system malfunction or failure to work at all.

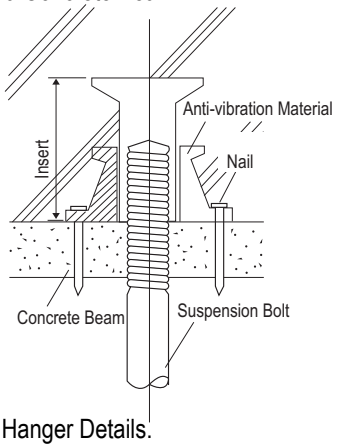
Due to our policy of continuous product innovation, some specifications may change without notification.
©LG Electronics U.S.A., Inc., Englewood Cliffs, NJ. All rights reserved. "LG" is a registered trademark of LG Corp.

Inserts and Pipe Supports

Inserts

An insert can be installed into a floor or beam before the concrete sets so that fittings such as ducts, pipes, or suspension bolts can be added at a later time. Decide where the inserts should be placed before support installation.

Figure 57: Installing an Insert Into a Concrete Beam.



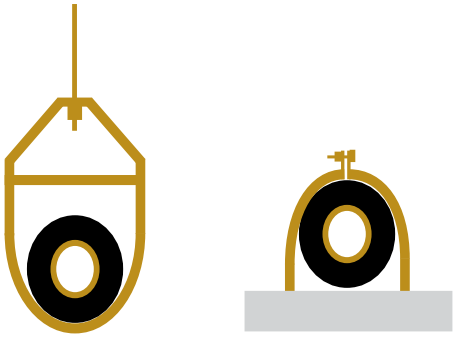
Pipe Supports

Note:

A properly installed pipe system should be adequately supported to avoid pipe sagging. Sagging pipes become oil traps that lead to equipment malfunction.

Pipe supports should never touch the pipe wall; supports shall be installed outside (around) the primary pipe insulation jacket (see Figure 57). Insulate the pipe first because pipe supports shall be installed outside (around) the primary pipe insulation jacket. Clevis hangers should be used with shields between the hangers and insulation.

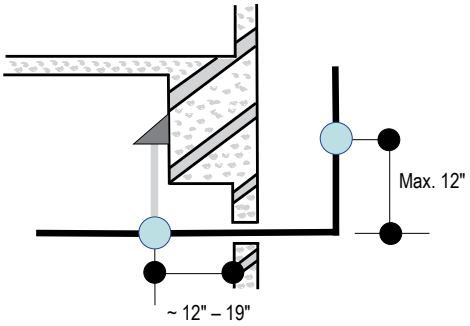
Figure 58: Pipe Hanger Details.



Field provided pipe supports should be designed to meet local codes. If allowed by code, use fiber straps or split-ring hangers suspended from the ceiling on all-thread rods (fiber straps or split ring hangers can be used as long as they do not compress the pipe insulation). Place a second layer of insulation over the pipe insulation jacket to prevent chafing and compression of the primary insulation within the confines of the support pipe clamp.

A properly installed pipe system will have sufficient supports to avoid pipes from sagging during the life of the system. As necessary, place supports closer for segments where potential sagging could occur. Maximum spacing of pipe supports shall meet local codes. If local codes do not specify pipe support spacing, pipe shall be supported a maximum of 5 feet on center for straight segments of pipe up to 3/4" outside diameter size.

Figure 59: Typical Pipe Support Location—Change in Pipe Direction.



Wherever the pipe changes direction, place a hanger within twelve (12) inches on one side and within twelve to nineteen (12 to 19) inches of the bend on the other side as shown in Figure 59. Support piping at indoor units as shown in Figure 60. Support Y-Branch fittings as shown in Figure 61.

Figure 60: Pipe Support at Indoor Unit.

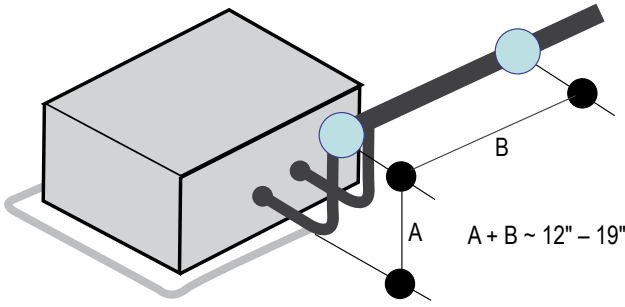
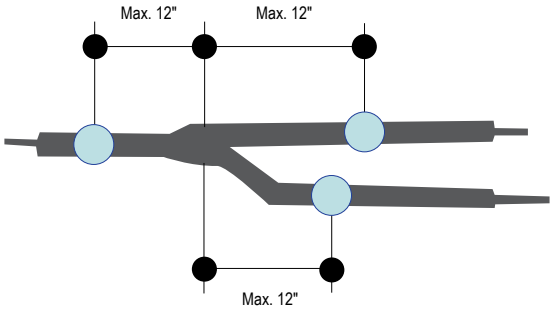


Figure 61: Pipe Support at Y-branch Fitting.



Due to our policy of continuous product innovation, some specifications may change without notification.
©LG Electronics U.S.A., Inc., Englewood Cliffs, NJ. All rights reserved. "LG" is a registered trademark of LG Corp.

Examples of Supports

Figure 62: U-Bolt Support with Insulation.

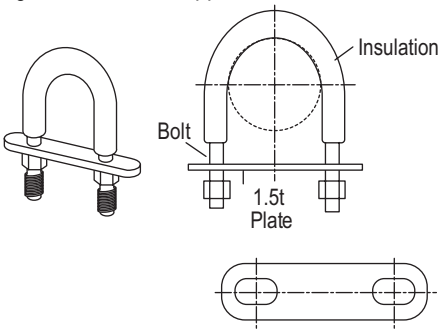


Figure 63: O-Ring Support with Insulation.

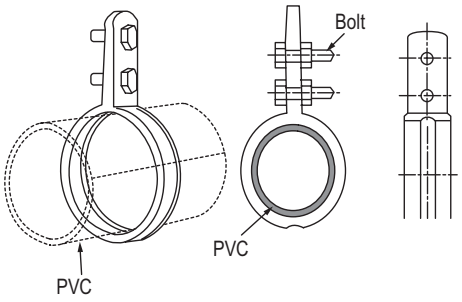
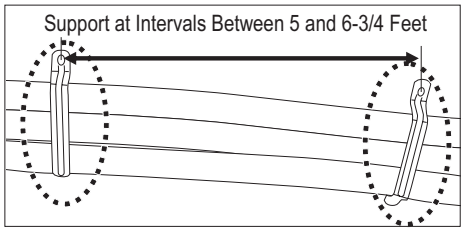


Figure 64: Saddle-Type Support.



Note:

Do not compress the insulation with the saddle-type support. If the insulation is compressed, it may tear open and allow condensation to generate during product operation.

Figure 65: U-Bolt Support with an Insulated Pipe.

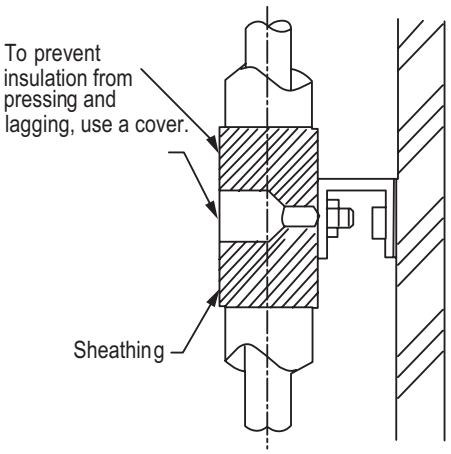


Figure 66: O-Ring Band Support with an Insulated Pipe.

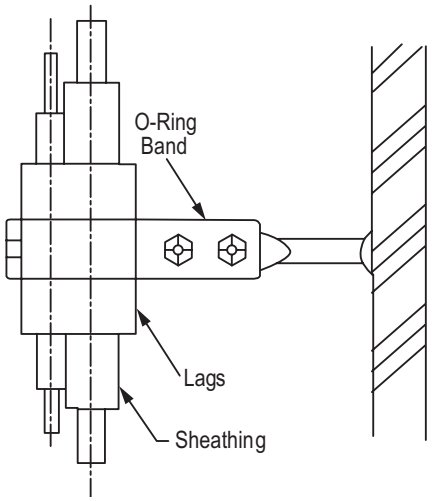


Figure 67: One-Point Down-Stop Support (>441 lbs.).

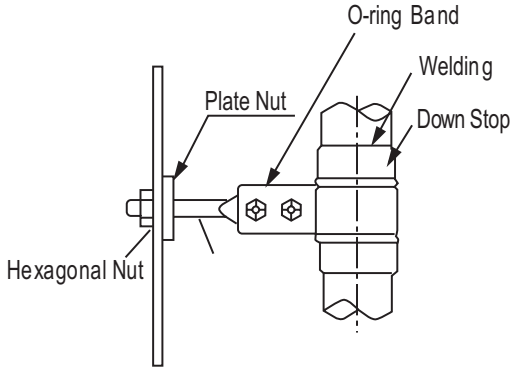
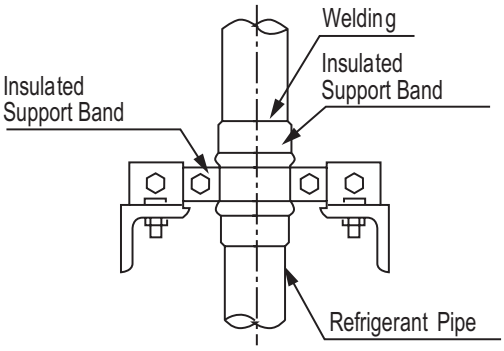


Figure 68: Two-Point Down-Stop Support.



Due to our policy of continuous product innovation, some specifications may change without notification.
©LG Electronics U.S.A., Inc., Englewood Cliffs, NJ. All rights reserved. "LG" is a registered trademark of LG Corp.

INSTALLATION & LAYOUT BEST PRACTICES

Refrigerant Piping System Layout

Pipe Sleeves at Penetrations

LG requires that all pipe penetrations through walls, floors, and pipes buried underground be routed through a properly insulated sleeve that is sufficiently sized to provide free movement of the pipe and does not compress the insulation. Underground refrigerant pipe shall be routed inside a protective sleeve to prevent insulation deterioration. Also follow federal, state, and local regulations and codes when choosing a sleeve type.

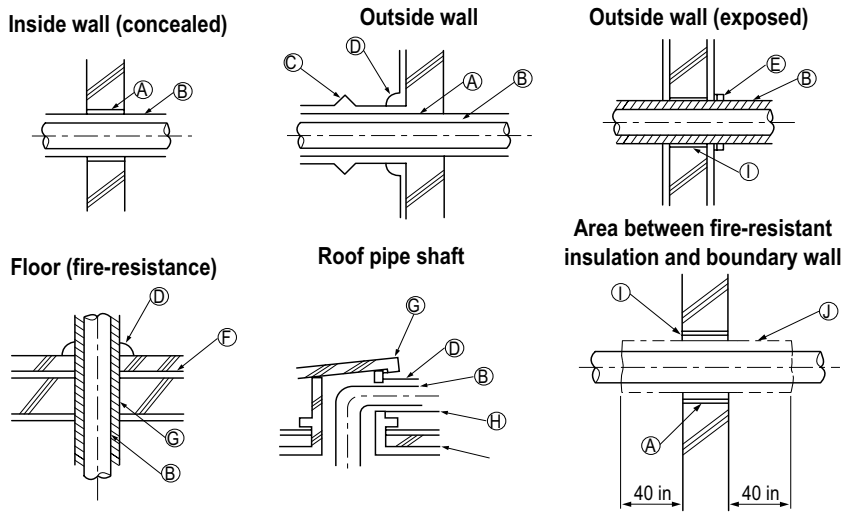
Note:

Diameter of penetrations shall be determined by pipe diameter plus the thickness of the insulation.

For example:

Diameter of Gas Piping:	1/2"
Diameter of Liquid Piping:	1/4"
Thickness of Gas Piping Insulation:	0.4" x 2
Thickness of Liquid Piping Insulation:	0.4" x 2
Surplus:	0.8"
Sleeve diameter (total):	3.1" minimum

Figure 69: Pipe Sleeve Options.



Ⓐ Sleeve
Ⓑ Insulation
Ⓒ Lagging
Ⓓ Caulk
Ⓔ Band
Ⓕ Water-resistant layer
Ⓖ Sleeve with edge
Ⓗ Lagging
Ⓘ Mortar or other fire-resistant caulk
Ⓙ Fire-resistant insulation

When filling an access hole with mortar, cover the area with steel plate so that the insulation will not fall through. For this area, use fire-resistant materials for both the insulation and cover. (Vinyl cover should not be used.)

Underground Refrigerant Piping

Refrigerant pipe installed underground should be routed inside a vapor tight protective sleeve to prevent insulation deterioration and water infiltration. Refrigerant pipe installed inside underground casing must be continuous without any joints. Underground refrigerant pipe must be located at a level below the frost line.

Table 177: Utility Conduit Sizes.

Liquid Pipe[1]	Vapor Pipe[1]		
	1/2 (2.0[2,5])	5/8 (2-1/8[2,5])	3/4 (2-1/4[2,5])
1/4 (1.0)[3]	4	4	4
3/8 (1-1/8)[3]	4	4	5
1/2 (1-1/2)[4]	5	5	5
5/8 (1-5/8)[4]	5	5	5
3/4 (1-3/4)[4]	5	5	5

[1]OD pipe diameter in inches; Values in parenthesis () indicate OD of pipe with insulation jacket.

[2]Diameter of pipe with insulation. Thickness of pipe insulation is typical. Actual required thickness may vary based on surrounding ambient conditions and should be calculated and specified by the design engineer.

[3]Insulation thickness (value in parenthesis) = 3/8 inch.

[4]Insulation thickness (value in parenthesis) = 1 inch.

[5]Insulation thickness (value in parenthesis) = 3/4 inch.

Figure 70: Typical Arrangement of Refrigerant Pipe and Cable(s) in a Utility Conduit.

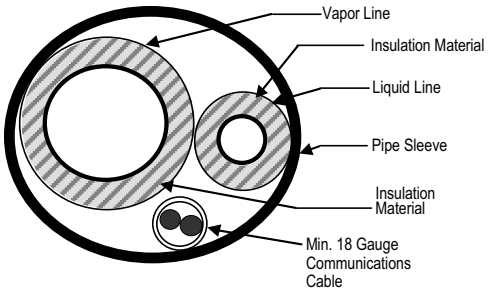


Figure 71: Underground Refrigerant Piping.



Due to our policy of continuous product innovation, some specifications may change without notification.
©LG Electronics U.S.A., Inc., Englewood Cliffs, NJ. All rights reserved. "LG" is a registered trademark of LG Corp.

Multi F Outdoor Unit to Indoor Unit Piping Connections

Note:

Avoid Pipe Damage

- *When routing field-provided piping, avoid damaging the outdoor unit from excessive vibration.*
- *Correctly route the piping so it does not make contact with mounting bolts. Allow room for field installation.*
- *Properly insulate the liquid and gas lines separately up to the point of connection at the unit frame.*
- *See Table 179 for Multi F outdoor unit connection types.*

Table 178: Outdoor Unit Piping Connections.

Outdoor Unit Piping Connections	LMU187HV	LMU247HV	LMU369HV
Liquid Line Connection (in., OD) x Qty.	1/4 x 2	1/4 x 3	1/4 x 4
Vapor Line Connection (in., OD) x Qty.	3/8 x 2	3/8 x 3	3/8 x 4

Figure 72: Multi F Refrigerant Pipe Connections (LMU369HV shown as example).

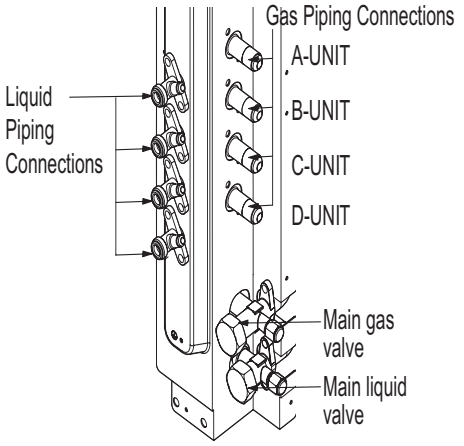


Table 179: Indoor Unit Piping Connections.

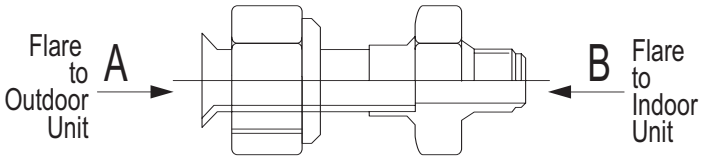
Indoor Unit Capacity	Vapor Line Connection (in., OD)	Liquid Line Connection (in., OD)
9,000 Btu/h	Ø3/8	Ø1/4
12,000 Btu/h		
18,000 Btu/h	Ø1/2	
24,000 Btu/h		

Connection sockets (included as a factory-supplied accessory with the indoor units) may need to be used when piping the indoor units to the outdoor unit.

Table 180: Connection Socket Dimensions.

Indoor Unit Capacity	Vapor (in., OD)		Liquid (in., OD)	
	A	B	A	B
18,000 Btu/h	Ø3/8 → Ø1/2		N/A	
24,000 Btu/h				

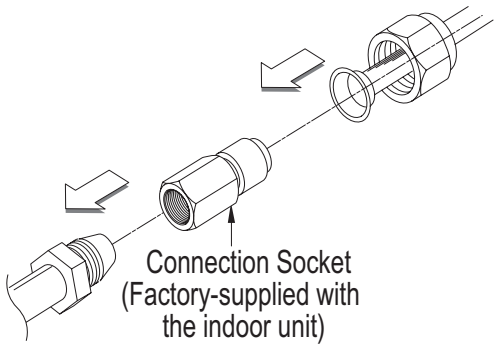
Figure 73: Connection Socket Diagram.



Using the Connection Socket

1. Align the center of the piping sections and tighten the flare nut by hand.
2. Tighten the flare nut with a torque wrench, using the arrows on the wrench as a guide, until a click is heard.

Figure 74: Performing Connections.



Due to our policy of continuous product innovation, some specifications may change without notification.
©LG Electronics U.S.A., Inc., Englewood Cliffs, NJ. All rights reserved. "LG" is a registered trademark of LG Corp.

Multi F MAX Outdoor Unit System Piping Connections

Note:

Avoid Pipe Damage

- *When routing field-provided piping, avoid damaging the outdoor unit from excessive vibration.*
- *Correctly route the piping so it does not make contact with mounting bolts. Allow room for field installation.*
- *Properly insulate the liquid and gas lines separately up to the point of connection at the unit frame.*
- *See Table 181 for Multi F MAX outdoor unit connection types.*

Table 181: Outdoor Unit Piping Connections.

Outdoor Unit Piping Connections	LMU540HV
Liquid Line Connection (in., OD) x Qty.	3/8 x 1
Vapor Line Connection (in., OD) x Qty.	3/4 x 1

Branch Distribution to Indoor Unit Piping Connections

- Install indoor unit liquid and vapor refrigerant pipes (and connection wiring) to the appropriate branch distribution ports.
- Clearly note on the indoor unit's refrigerant piping (liquid, vapor) which branch distribution port it is connected to (A, B, C, D).

Table 182: Branch Distribution Unit Piping Connections.

Branch Distribution Unit	PMBD3620	PMBD3630	PMBD3640	PMBD3641
Piping Connections to Outdoor Unit				
Liquid (in., OD) x Qty.	Ø3/8 x 1			
Vapor (in., OD) x Qty.	Ø3/4 x 1			
Piping Connections to Indoor Units				
Liquid (in., OD) x Qty.	Ø1/4 x 2	Ø1/4 x 3	Ø1/4 x 4	Ø1/4 x 3, Ø3/8 x 1
Vapor (in., OD) x Qty.	Ø3/8 x 2	Ø3/8 x 3	Ø3/8 x 4	Ø3/8 x 3, Ø5/8 x 1

Figure 75: Branch Distribution Ports to Indoor Units.

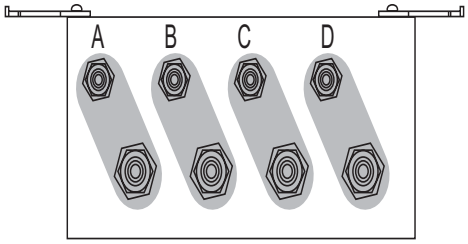


Table 183: Indoor Unit Piping Connections.

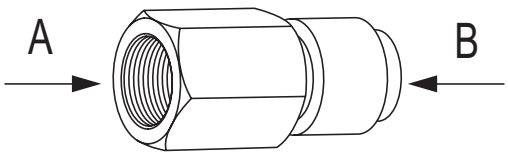
Indoor Unit Capacity	Vapor Line Connection (in., OD)	Liquid Line Connection (in., OD)
9,000 Btu/h	Ø3/8	Ø1/4
12,000 Btu/h		
18,000 Btu/h	Ø1/2	
24,000 Btu/h		
36,000 Btu/h	Ø5/8	Ø3/8

Connection sockets (included as a factory-supplied accessory with the indoor units) may need to be used when piping the indoor units to the branch distribution unit.

Table 184: Connection Socket Dimensions.

Indoor Unit Capacity	Vapor (in., OD)		Liquid (in., OD)	
	A	B	A	B
18,000 Btu/h	Ø3/8 → Ø1/2		N/A	
24,000 Btu/h				
36,000 Btu/h	Ø1/2 → Ø5/8		Ø1/4 → Ø3/8	

Figure 76: Connection Socket Diagram.



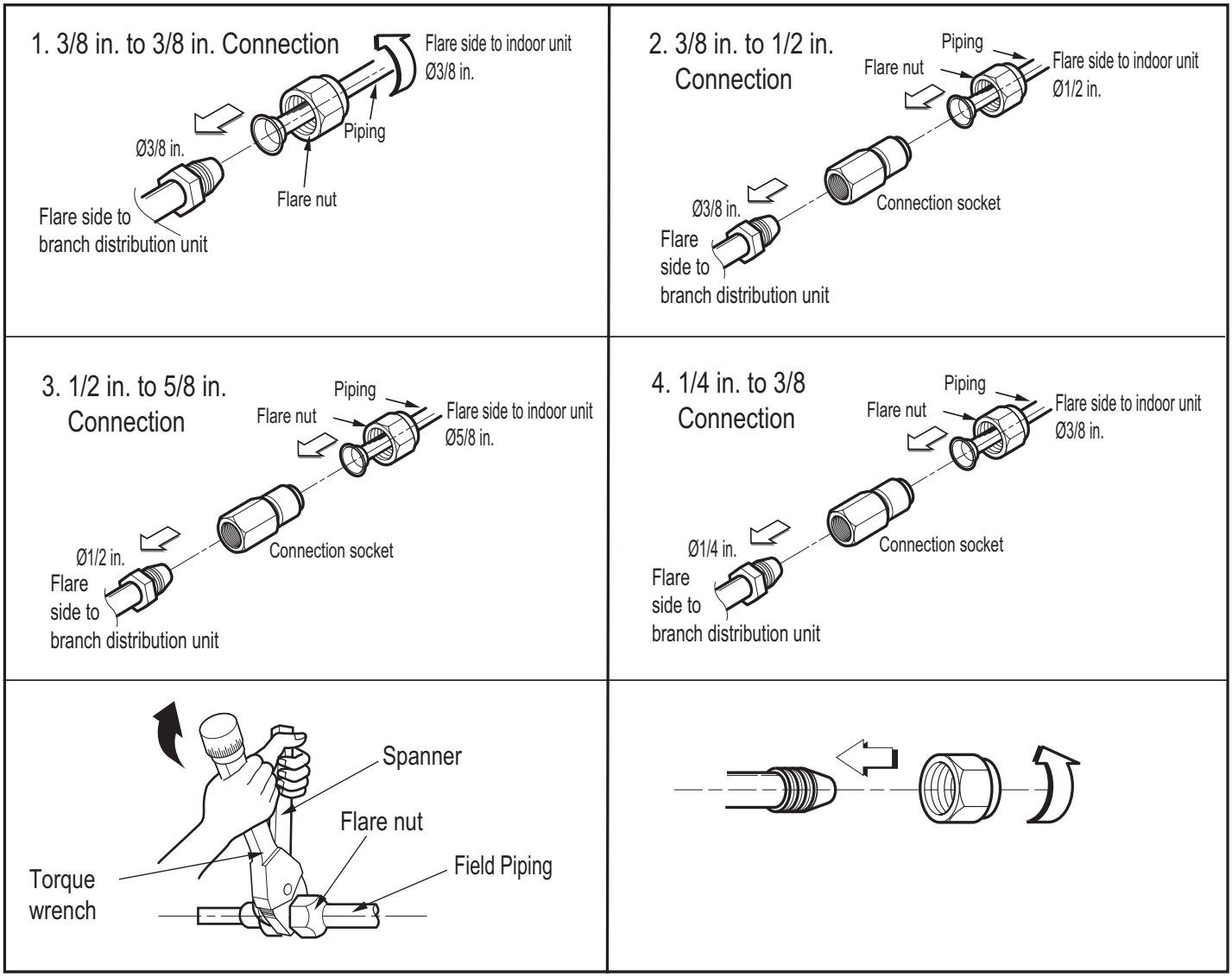
Connection Socket

Due to our policy of continuous product innovation, some specifications may change without notification.
©LG Electronics U.S.A., Inc., Englewood Cliffs, NJ. All rights reserved. "LG" is a registered trademark of LG Corp.

Multi F MAX Outdoor Unit System Piping Connections, continued.

1. Align the center of the piping sections and tighten the flare nut by hand.
2. Tighten the flare nut with a torque wrench, using the arrows on the wrench as a guide, until a click is heard.
3. Wrap insulation around the connection.

Figure 77: Possible Branch Distribution Unit to Indoor Unit Connections.



Due to our policy of continuous product innovation, some specifications may change without notification.
©LG Electronics U.S.A., Inc., Englewood Cliffs, NJ. All rights reserved. "LG" is a registered trademark of LG Corp.

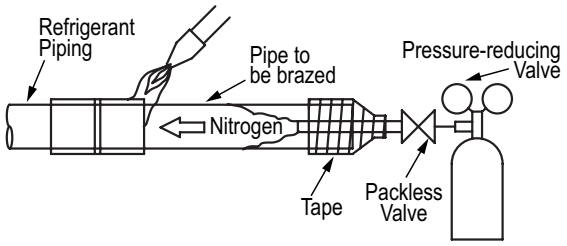
Brazing Practices

Note:

Keep the piping system free of contaminants and debris such copper burrs, slag, or carbon dust during installation.

1. All joints are brazed in the field. Multi F refrigeration system components contain very small capillary tubes, small orifices, electronic expansion valves, oil separators, and heat exchangers that can easily become blocked.
- Store pipe stock in a dry place; keep stored pipe capped and clean.
- Blow clean all pipe sections with dry nitrogen before assembly.

Figure 78: Refrigerant Pipe Brazing.



2. Proper system operation depends on the installer using best practices and utmost care while assembling the piping system.
- Use adapters to assemble different sizes of pipe.
- Do not use flux, soft solder, or anti-oxidant agents.
- Use a tubing cutter; do not use a saw to cut pipe. De-burr and clean all cuts before assembly.

3. Brazing Joints:
- Use a dry nitrogen purge operating at a minimum pressure of three (3) psig and maintain a steady flow.
- Use a 15% silver phosphorous copper brazing alloy to avoid overheating and produce good flow.
- Protect isolation valves, electronic expansion valves, and other heat-sensitive control components from excessive heat with a wet rag or a heat barrier spray product

Flare Connection Practices

Note:

Improperly installed flare connections can lead to refrigerant leaks.

1. Place a couple of drops of refrigerant oil on the opening rim of the flare before assembling. Take care not to add any contaminants.

2. Align the center of the refrigerant pipe and corresponding connection and tighten the flare nut by hand.

3. Following the guidelines as outlined in Table 185 for the amount of torque to use, tighten the flare nut with a torque wrench until the wrench clicks.

4. When flare is sufficiently tightened and the system has been tested for refrigerant leaks, wrap insulation around the connection.

✓ *When tightening the flare unit with a torque wrench, ensure the direction for tightening follows the arrow on the wrench.*

Table 185: Torque Wrench Tightening.

Piping O.D. (in.)	Torque (lbs. / ft.)
1/4	13-18
3/8	24.6-30.4
1/2	39.8-47.7
5/8	45.6-59.3
3/4	71.6-87.5

Figure 79: Flare Connection, Isometric View.

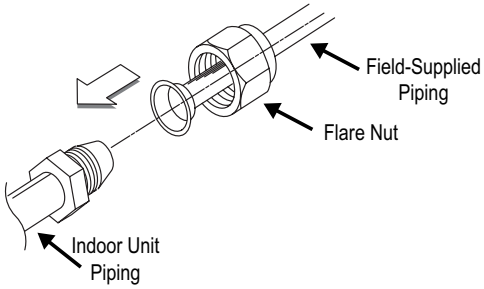


Figure 80: Flare Connection, Side View.

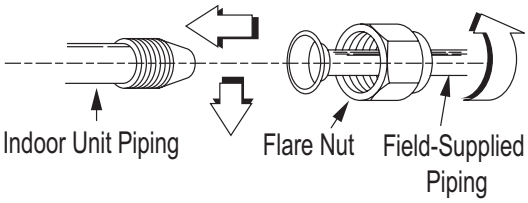
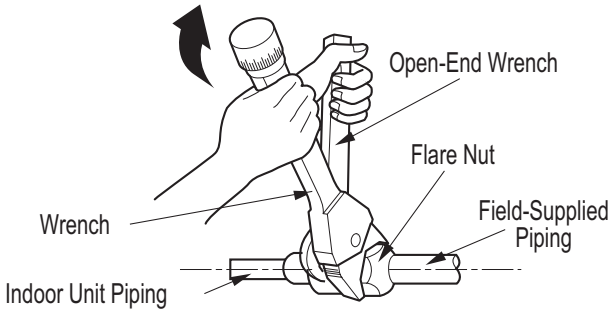


Figure 81: Using the Torque Wrench.



Due to our policy of continuous product innovation, some specifications may change without notification.
©LG Electronics U.S.A., Inc., Englewood Cliffs, NJ. All rights reserved. "LG" is a registered trademark of LG Corp.

INSTALLATION & LAYOUT BEST PRACTICES

Piping Insulation

Refrigerant Piping System Insulation

All refrigerant piping including Y-branch connections, field-provided isolation ball valves, service valves, and elbows shall be completely insulated using closed cell pipe insulation.

To prevent heat loss/heat gain through the refrigerant piping, all refrigerant piping including liquid lines and vapor lines shall be insulated separately. Insulation shall be a minimum 1/2" thick, and thickness may need to be increased based on ambient conditions and local codes.

All insulation joints shall be glued with no air gaps. Insulation material shall fit snugly against the refrigeration pipe with no air space between it and the pipe. Insulation passing through pipe hangers, inside conduit, and/or sleeves must not be compressed. Protect insulation inside hangers and supports with a second layer. All pipe insulation exposed to the sun and outdoor elements shall be properly protected with PVC, aluminum vapor barrier, or alternatively placed in a weather-resistant enclosure such as a pipe rack with a top cover; and meet local codes. Pay special attention to insulating the pipes installed in the ceiling plenum.

LG-provided Y-branches are shipped from the factory with pre-formed peel-and-stick foam insulation jackets, with a 1.84 lb./ft.^{3} density, 1/2" thickness, and meet UL94 MF-1 flammability.

The design engineer should perform calculations to determine if the factory-supplied insulation jackets are sufficient to meet local codes and avoid sweating. Maximum refrigerant piping temperature is +227°F; minimum refrigerant piping temperature is -4°F. Add additional insulation if necessary. Check the fit of the insulation jacket after the header fitting and all run-out pipes are installed. Mark all pipes at the point where the insulation jacket ends. Remove the jacket. Install field provided insulation on the run-out and main trunk pipes first. Install the LG-provided insulation plugs on the ends of all unused header ports. Peel the adhesive glue protector slip from the insulation jacket and install the clam-shell jacket over the fitting.

Minimum Refrigerant Pipe Ethylene Propylene Diene Methylene (EPDM) Insulation Wall Thickness Requirements

Note:

Follow locals codes when selecting EPDM insulation wall thickness.

Table 186: Insulation Guidelines for Typical and Special Circumstances.

Classification		Air-conditioned location		Non-air conditioned location	
		1. Typical location	2. Special location	3. Typical location	4. Special location
Liquid pipe	ø1/4 inches	1/2 inches	1/2 inches	1/2 inches	1/2 inches
	ø3/8 inches				
	≥ø1/2 inches	1/2 inches	1/2 inches	1/2 inches	1/2 inches
Vapor pipe	ø3/8 inches	1/2 inches	3/4 inches	3/4 inches	1 inch
	ø1/2 inches				
	ø5/8 inches				
	ø3/4 inches				

1. Air-conditioned, Typical location: When the piping passes through an indoor area where the indoor unit operates.

• Apartment, classroom, office, mall, hospital, etc.

2. Air-conditioned, Special location

1. When the location is air conditioned, but there is severe temperature/humidity difference due to high ceilings
   • Church, auditorium, theater, lobby, etc.
2. When the location is air conditioned, but internal temperature/humidity are high
   • Bathroom, swimming pool, locker room, etc.

3. Non-air conditioned, Typical location: When the piping passes through an indoor area where the indoor unit does not operate.

• Hallway or a dormitory or school, etc.

4. Non-air conditioned, Special location: If conditions 1 and 2 below are present.

1. When the piping passes through an indoor area where the indoor unit does not operate.
2. When the humidity is high and there is no air flow in the location where the piping is installed.
   • The thickness of the above insulation material is based on heat conductivity of 0.61 Btu/in/h/ft^2/°F.

Due to our policy of continuous product innovation, some specifications may change without notification.
©LG Electronics U.S.A., Inc., Englewood Cliffs, NJ. All rights reserved. "LG" is a registered trademark of LG Corp.

Condensate Drain Piping

Outdoor Units

Outdoor unit requires condensate drain piping. Condensate drain pipe is constructed with materials approved by local code. See pages 191 to 196 for information in reference to outdoor unit placement and condensate drainage.

Indoor Units

All indoor units generate water during cooling operation, therefore, how to properly handle this condensation must be considered. Some indoor units include factory-installed drain pumps; others apply the gravity drain method.

Depending on the location of the indoor unit, condensation can be drained directly to the outside of the building, or a common indoor unit drainage piping system can be installed, both incorporating PVC piping.

Table 187: Indoor Unit Drain Piping Specifications.

Indoor Unit	Drain Type	Drain Pipe Diameter (OD / ID, in.)	Drain Amount (gal. / min. at 0.033 ft. height)
Art Cool Wall-Mounted	Gravity	13/16 / 5/8	—
Art Cool Gallery	Gravity	13/16 / 5/8	—
Standard Wall-Mounted	Gravity	13/16 / 5/8	—
Ceiling-Concealed Ducted (Low Static and High Static)	27-1/2 in. Lift Drain Pump, Factory Installed	Ø1-1/4 / Ø1	0.105
Four-Way Ceiling Cassette	27-1/2 in. Lift Drain Pump, Factory Installed	Ø1-1/4 / Ø1	0.105
Vertical-Horizontal Air Handling Unit	Gravity	Ø3/4 / —	—

Figure 82: Diagram of an Indoor Unit with a Gravity Drain.

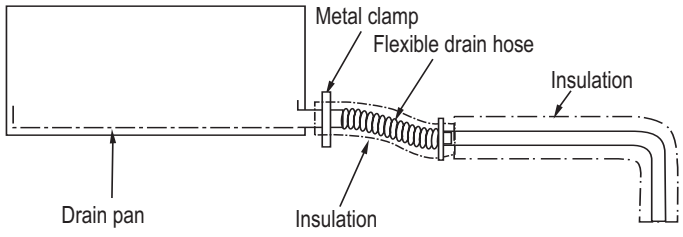
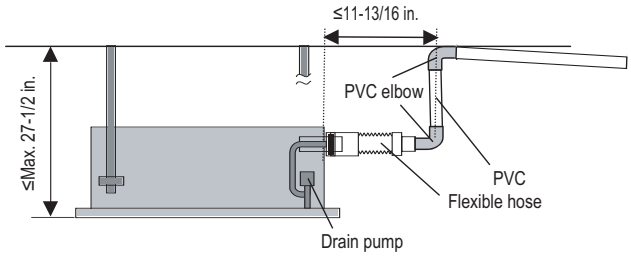


Figure 83: Diagram of an Indoor Unit with a Drain Pump.



Note:

Ensure the indoor unit, refrigerant piping, power wiring / communication cables, and drain piping is properly supported with anchor bolts and clamp hangers positioned at 3.3 to 4.9 foot intervals.

Flexible Drain Hose

Some indoor units include a factory-provided flexible drain pipe for installation.

- Install the flexible drain pipe as straight as possible; sharp angles may cause the pipe to deteriorate and may crack over time.
- Connect the flexible drain pipe with a round clamp. If the flexible drain pipe is not installed properly, water will leak from the connection.
- Do not include a reverse slope in the drain connection.

Figure 84: Flexible Drain Hose Connection.

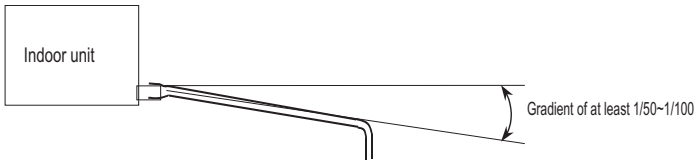


Clamp the Flexible Drain Hose Connection

Drainage Gradient

The gradient for drain piping should be at least 1/50 to 1/10. Ensure any holes through ceilings, walls, etc., are large enough to accommodate both the drain piping and any insulation.

Figure 85: Drain Piping Gradient Recommendation.



Due to our policy of continuous product innovation, some specifications may change without notification.
©LG Electronics U.S.A., Inc., Englewood Cliffs, NJ. All rights reserved. "LG" is a registered trademark of LG Corp.

INSTALLATION & LAYOUT BEST PRACTICES

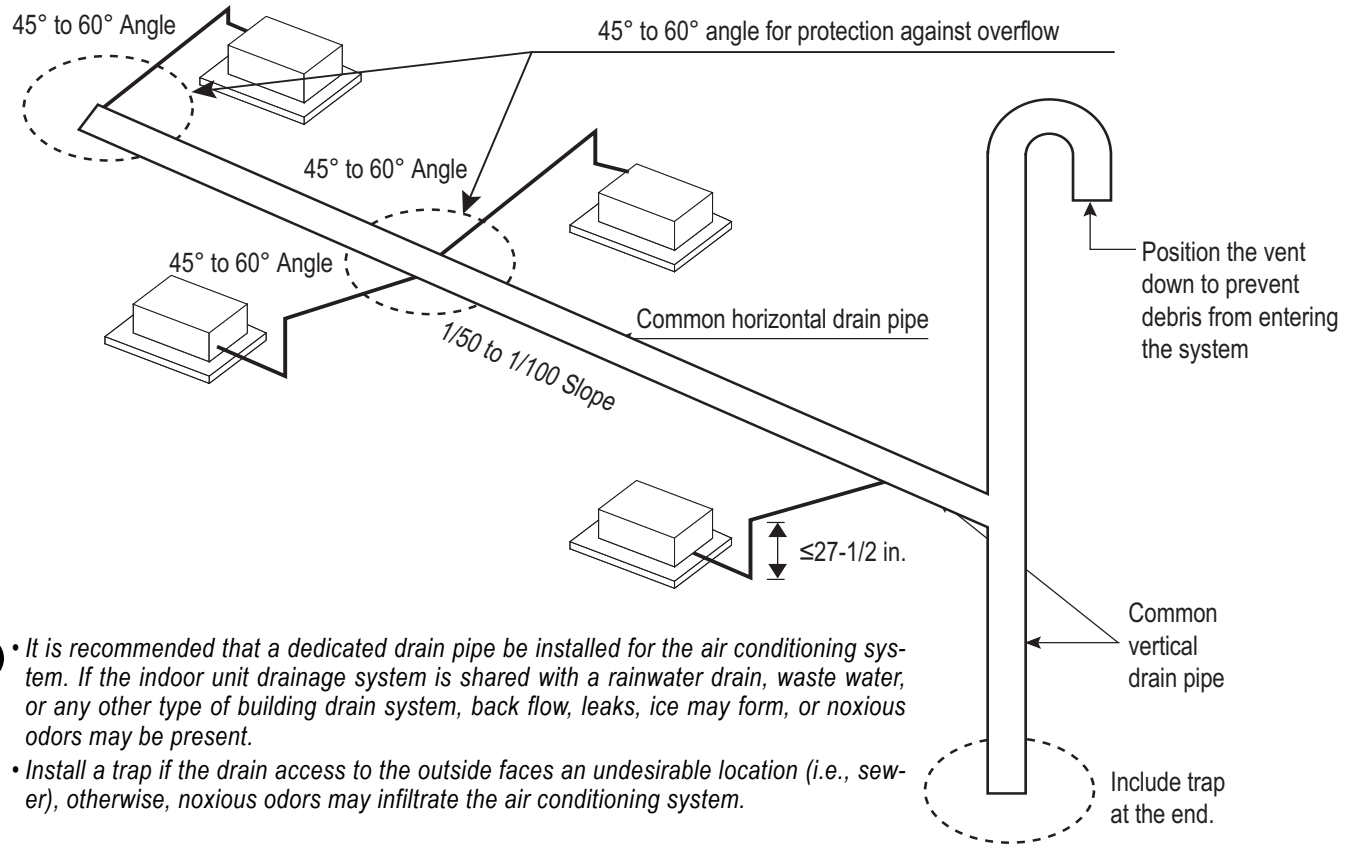
MULTI F
MULTI F MAX

Condensate Drain Piping

Common Indoor Unit Drainage System

It is usual work practice to connect individual indoor unit drain pipes to one common indoor unit drainage system. The diameter of the common vertical drain pipe should be as large as necessary. (For systems with <80,000 Btu/h total capacity of all connected indoor units, the standard size for the common vertical drain pipe is 0.98 ID, in. and 1.26 OD, in.) The diameter of the horizontal pipe should be the same or larger than the vertical drain pipe. To avoid property damage in the event of the primary drain becoming clogged, and to optimize drain system performance, it may be prudent to install a secondary drain line. Design the drain system to plan for winter operation (condensate line may freeze up if condensate does not properly drain away). Drain all generated condensate from the external condensate pan to an appropriate area. Install a trap in the condensate lines as near to the indoor unit coil as possible; to prevent overflow the outlet of each trap should be positioned below its connection to the condensate pan. All traps should be primed, insulated, and leak tested if located above an inhabited space.

Figure 86: Example of a Common Indoor Unit Drainage System.



- *It is recommended that a dedicated drain pipe be installed for the air conditioning system. If the indoor unit drainage system is shared with a rainwater drain, waste water, or any other type of building drain system, back flow, leaks, ice may form, or noxious odors may be present.*
- *Install a trap if the drain access to the outside faces an undesirable location (i.e., sewer), otherwise, noxious odors may infiltrate the air conditioning system.*

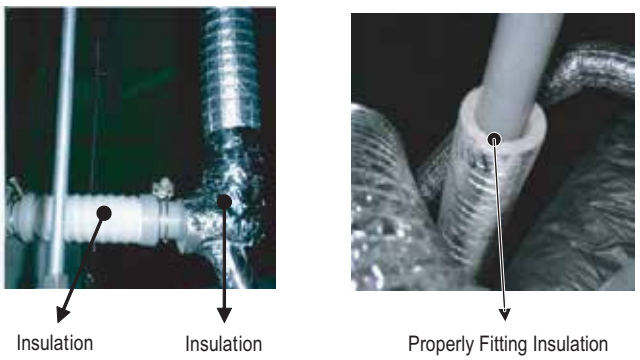
Drain Leak Test

A leak test should be performed 24 hours after the drainage system has been installed. Only use water for the test; other liquids are unacceptable.

Drain Pipe Insulation

To prevent condensate from forming on the drain piping, install field-supplied 0.4 inch thick polyethylene. The insulation should be securely fastened with all connected joints and ends properly covered.

Figure 87: Properly Insulating the Drainage Piping.



Due to our policy of continuous product innovation, some specifications may change without notification.
©LG Electronics U.S.A., Inc., Englewood Cliffs, NJ. All rights reserved. "LG" is a registered trademark of LG Corp.

CUT SHEET

Y-Branch Kit

- LG Y-Branch Kit PMBL5620 is required when installing two branch distribution units in parallel on one LG Multi F MAX system.
- The kit must be properly installed following instructions in the applicable LG manual. Field-supplied branch fittings are not permitted.
- Kit components must be kept free of debris and be dry before installation.
- All Y-Branch Kits include a clam shell, peel-and-stick insulation jacket.



Table 188: Fitting Properties.

Material	Copper
Design Pressure	551 psig

Table 189: Multi F MAX Y-Branch Connection Diameters.

Model	Y-Branch Type	Port Identifier (inch)		
		1	2	3
PMBL5620	Liquid	Ø3/8	Ø3/8	Ø3/8
	Vapor	Ø3/4	Ø3/4	Ø3/4
	Y-Branch Type	Dimensions (inch)		
		X	Y	
	Liquid	13.80	3.24	
	Vapor	12.48	3.02	

Figure 88: Y-Branch Port Identifier Diagram.

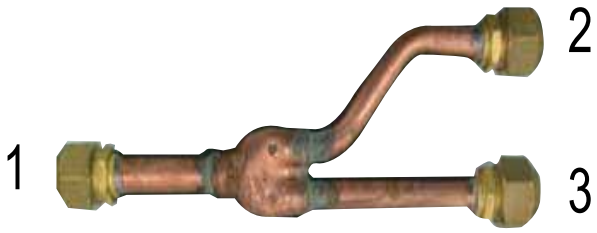
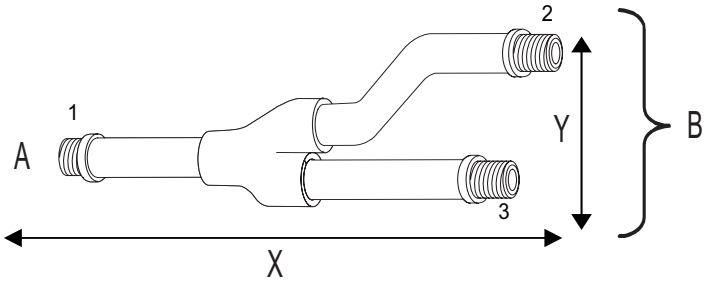


Figure 89: Y-Branch Dimensions Diagram.

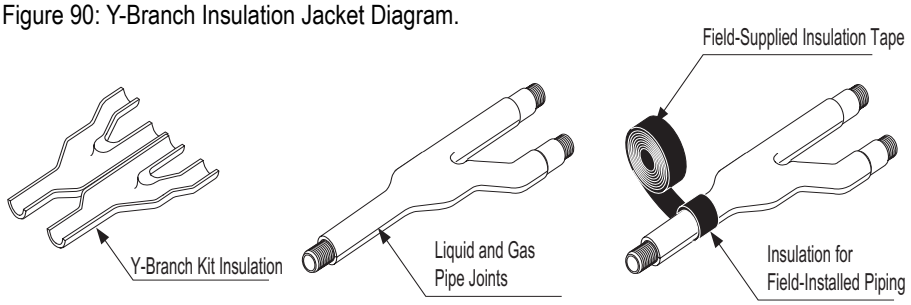


A = To Outdoor Unit
B = To Branch Distribution Unit

Table 190: Insulation Jacket Properties.

Material	Polyolefin Foam
UL94 Flame Classification	HF-1
Density	1.84 lbs./ft.^{3}
Thermal Conductivity	.0208 Btu/h/ft. ºR
Thickness	1/2 inch

Figure 90: Y-Branch Insulation Jacket Diagram.



Due to our policy of continuous product innovation, some specifications may change without notification.
©LG Electronics U.S.A., Inc., Englewood Cliffs, NJ. All rights reserved. "LG" is a registered trademark of LG Corp.

Due to our policy of continuous product innovation, some specifications may change without notification.
©LG Electronics U.S.A., Inc., Englewood Cliffs, NJ. All rights reserved. "LG" is a registered trademark of LG Corp.

WIRING CONNECTIONS

“General Information” on page 220

“Power Wiring (208-230V) and Communications Cable Details” on page 223

“Indoor Unit Group Control” on page 228

WIRING CONNECTIONS

General Information

MULTI F
MULTI F MAX

⚠ WARNING

- *Only qualified technicians—in accordance with federal, state, and local codes, and manufacturer product diagrams and requirements—should install the power wiring and communication cables.*
- *Use only copper wiring that is stranded, shielded with the wires separately insulated.*
- *Do not use a multi-conductor cable with more than five (5) wires in one (1) core.*
- *Power wiring and communications cable sizes must comply with applicable federal UL / ETL, state, and local codes.*
- *Verify that the branch switch and circuit breaker are set to OFF before installing the wiring system.*
- *Do not operate the air conditioning system until the refrigerant piping installation is complete. Operating the system before refrigerant piping is finalized may damage the compressor.*
- *Install a ground wire for the outdoor units, indoor units, and branch distribution units.*
- *Install a main shutoff switch or circuit breaker that interrupts all power sources simultaneously (circuit breaker should be resistant to electromagnetic currents).*
- *To avoid the possibility of explosion, fire, etc., do not connect the ground wiring to gas or sewage pipes, lightening rods, and telephone wires. Use clamps to prevent the wires from touching the piping.*
- *Use ring terminals to attach the wiring. Verify that all power wiring and communications cable terminals are securely attached; ensure enough slack is included in the wiring and cables to avoid damaging the connections.*
- *Use a conduit to protect the power wiring.*
- *Do not install a phase-advancing capacitor; the outdoor unit may overheat.*

Power Wiring and Communications Cable Installation

For both Multi F and Multi F MAX systems, power is wired to the outdoor unit only. The outdoor unit will supply power to the branch distribution units (Multi F MAX systems only) and the indoor units through the power wiring / communications cable.

Electrical Specifications

1. Multi F and Multi F MAX Outdoor Units: 1Ø, 208-230V, 60Hz
2. Indoor units / Branch Distribution Units (Multi F MAX systems only): 1Ø, 208-230V, 60Hz from the outdoor unit (Indoor units draw minimal power.)
3. Power supply wire type and size should be selected based on NEC and local codes. Maximum allowable voltage fluctuation ±10% of the nameplate rated value.
4. Properly ground the outdoor unit per NEC and / or local code.
5. Use only copper wiring that is stranded and shielded with the wires separately insulated.

Power Wiring / Communications Cable Specifications

- From Multi F Outdoor Units to Indoor Units = 4 x 18AWG
- From Multi F MAX Outdoor Units to Branch Distribution Units = 4 x 16AWG
- From Multi F MAX Branch Distribution Units to Indoor Units = 4 x 18AWG
- Maximum Allowable Temperature: 194°F
- Multi F System Maximum Cable Length: 88.6 ft.
- Multi F MAX System Maximum Cable Length:
  - Outdoor Unit to Branch Distribution Unit(s): 180.4 ft.
  - Branch Distribution Unit(s) to Indoor Unit(s): 49.2 ft.
- Indoor Unit(s) to Wired Controller: Three-core cable

Figure 91: Power Wiring to Multi F and Multi F MAX ODU.

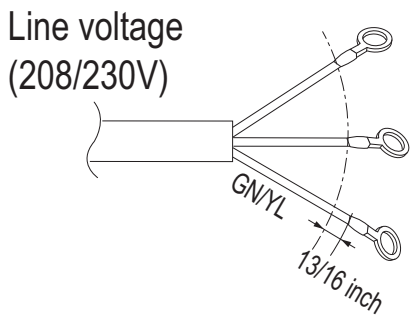
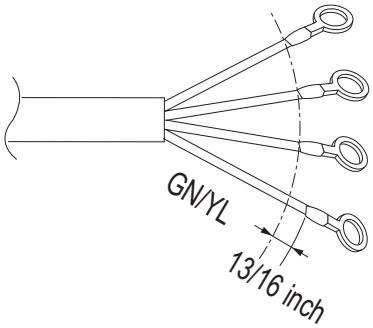


Figure 92: Power Wiring and Communications Cable from the Multi F ODU to the IDUs, or from the Multi F MAX ODU to the BDUs and from the BD Unit to the IDUs.



Due to our policy of continuous product innovation, some specifications may change without notification.
©LG Electronics U.S.A., Inc., Englewood Cliffs, NJ. All rights reserved. "LG" is a registered trademark of LG Corp.

Connecting the Power Wiring / Communications Cable

Best practice dictates using ring or spade terminals to terminate power wiring at the power terminal block. If ring terminals or spade clips are not available, then:

- Do not terminate different gauge wires to the power terminal block. (Slack in the wiring may generate heat.)
- When terminating wires of the same thickness, follow the instructions demonstrated in the figures below.
- Firmly attach the wire; secure in a way to prevent external forces from being imparted on the terminal block.
- Use an appropriately sized screwdriver for tightening the terminals.
- Do not overtighten the connections; overtightening may damage the terminals.

Figure 93: Close up of a Typical Ring Terminal.

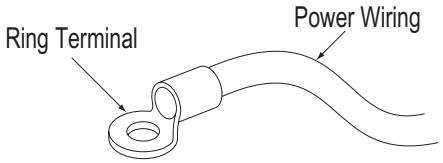


Figure 94: Close up of the Indoor Unit Terminal Block.

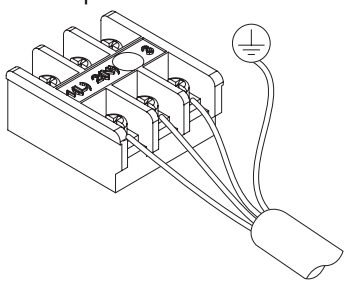
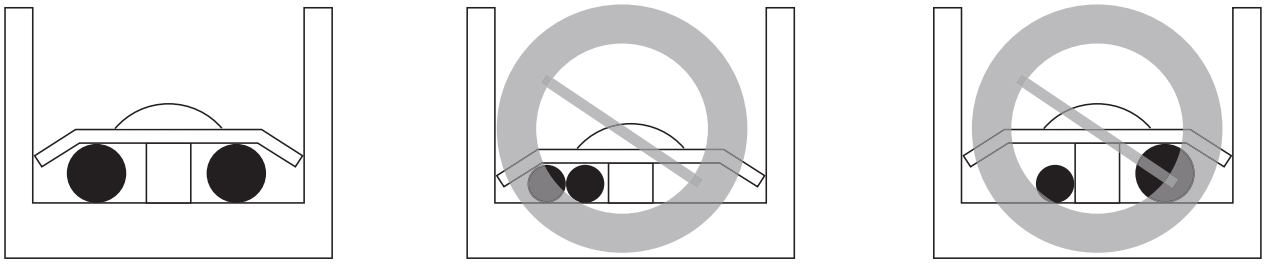


Figure 95: Proper and Improper Power Wiring Connections.

● :Copper Wire



Terminate multiple power wires of the same gauge to both sides.

Do not terminate two wires on one side.

Do not terminate different gauge wires to a terminal block.

⚠WARNING

If power wires are not properly terminated and firmly attached, there is risk of fire, electric shock, and physical injury or death.

Note:

- *Never apply line voltage power to the communications cable terminal block. If contact is made, the PCBs may be damaged.*
- *Always include some allowance in the wiring length when terminating. Provide some slack to facilitate removing the electrical panels while servicing.*

Due to our policy of continuous product innovation, some specifications may change without notification.
©LG Electronics U.S.A., Inc., Englewood Cliffs, NJ. All rights reserved. "LG" is a registered trademark of LG Corp.

Figure 96: Multi F System General Power / Communications System Schematic.

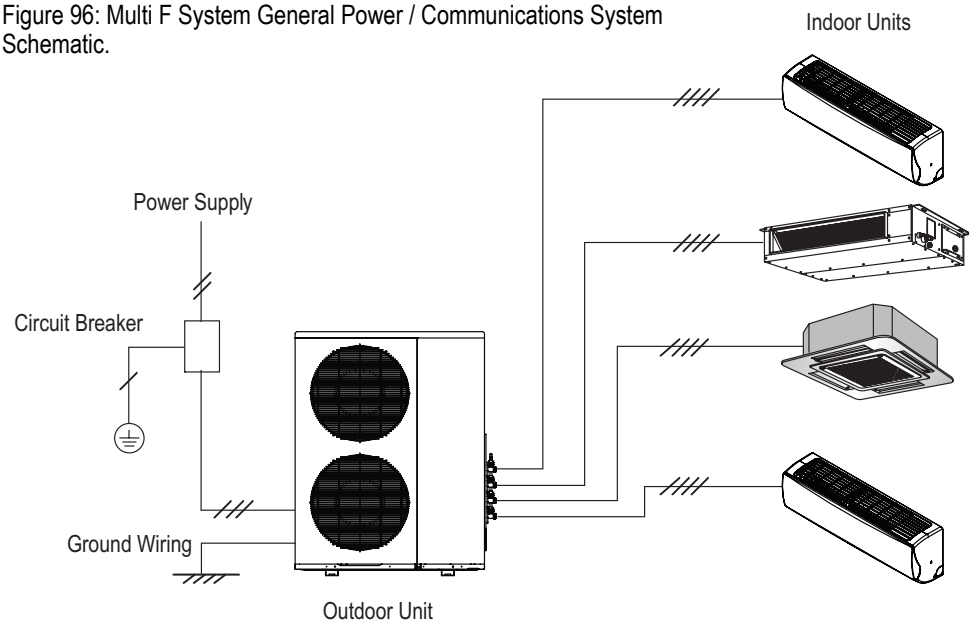
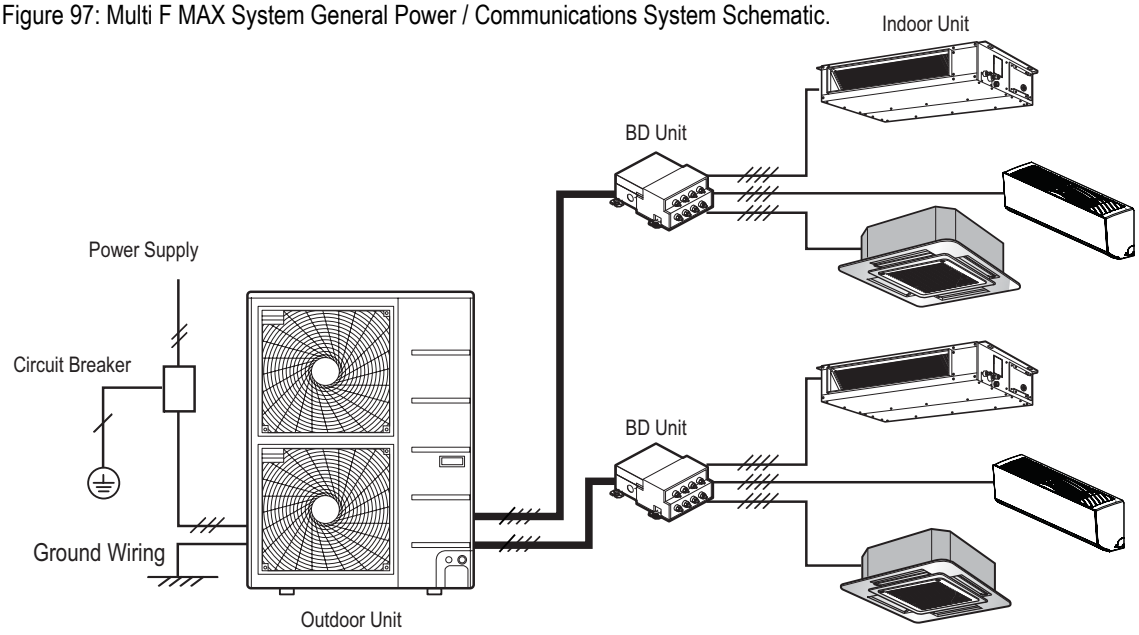


Figure 97: Multi F MAX System General Power / Communications System Schematic.



Note:

- *Secure the separate wires in the control box panel using zip ties.*
- *Secure wiring with accessory clamps so that it does not touch piping.*
- *Use a conduit for the cable*
- *Outside the unit, make sure the communications cable and the power wiring are separately shielded, otherwise, the outdoor unit operation may be affected by electrical noise and will malfunction or fail.*

Due to our policy of continuous product innovation, some specifications may change without notification.
©LG Electronics U.S.A., Inc., Englewood Cliffs, NJ. All rights reserved. "LG" is a registered trademark of LG Corp.

WIRING CONNECTIONS

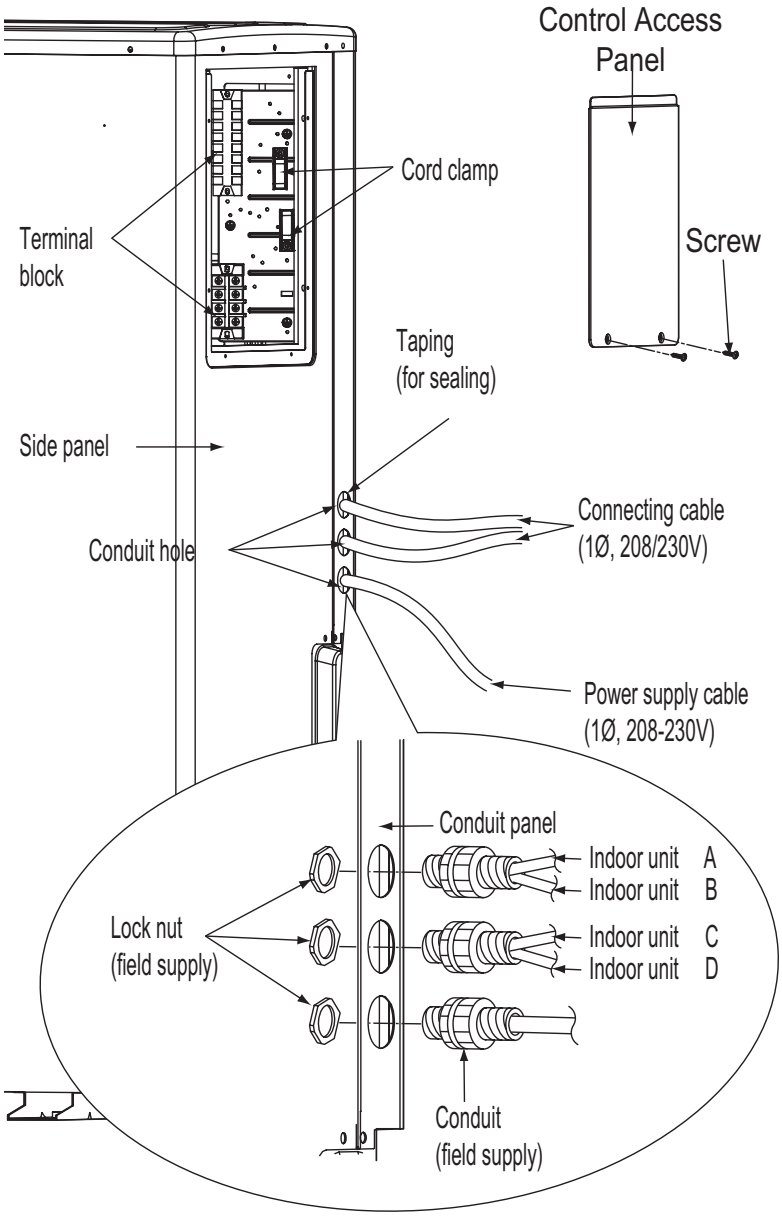
Power Wiring (208-230V) and Communications Cable Details

- Find the outdoor unit terminal block by unscrewing the control access panel.
- Side panel of the outdoor unit has knockout holes for the conduits. After install is complete, seal up any gaps between the panel and the conduits.
- Clamp is included near the terminal block to help protect the connections from strain on the cables.

⚠ WARNING

- *Always have a trained technician properly ground the outdoor unit. If the outdoor unit is not properly grounded, there is a risk of electric shock.*
- *Use a conduit for the power wiring.*
- *The communications cable should be separated and isolated from the outdoor unit power wiring, computers, radio and television broadcasting facilities, as well as medical imaging equipment.*

Figure 98: Example of Power Wiring and Communications Cable Terminations.

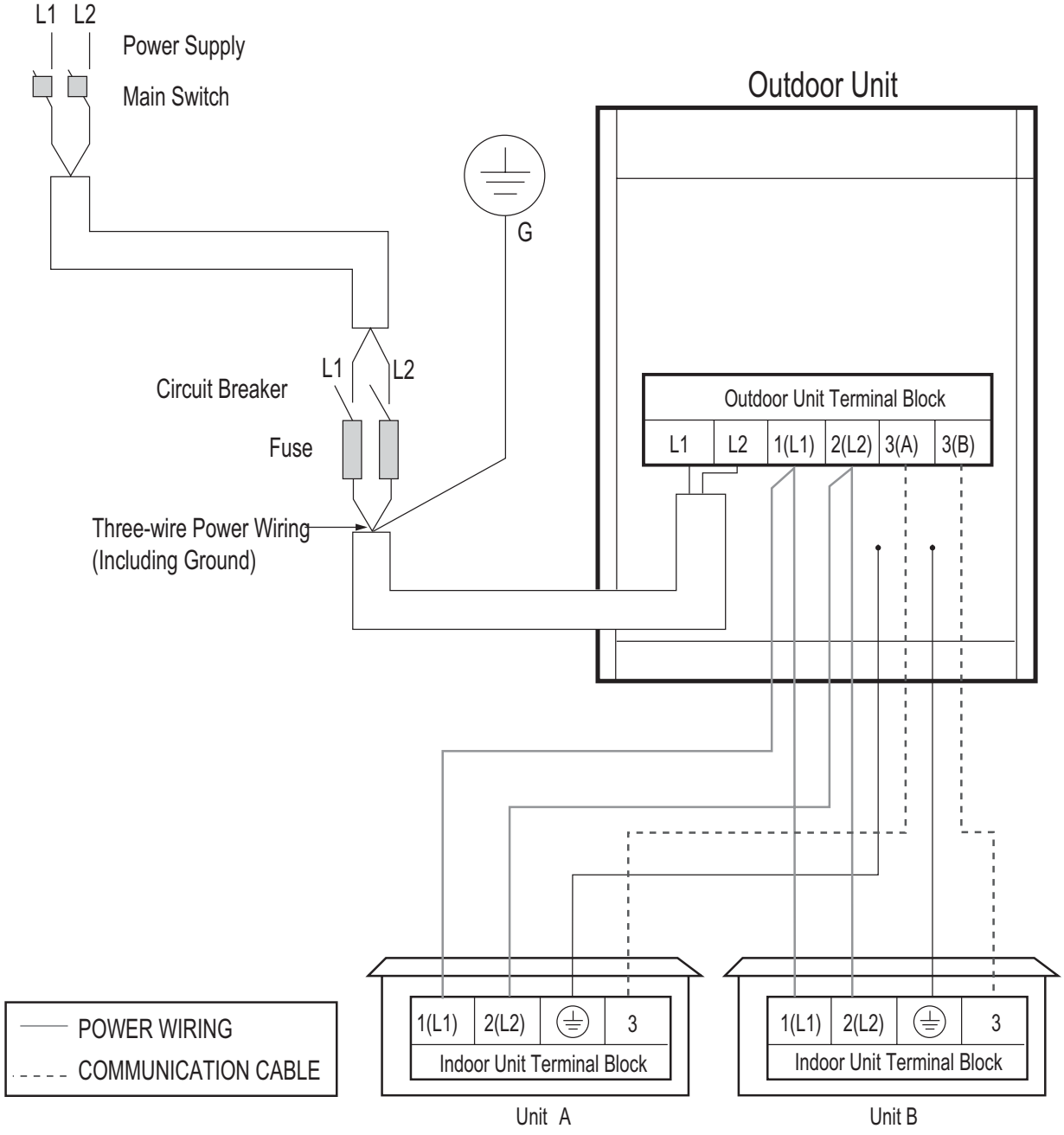


Due to our policy of continuous product innovation, some specifications may change without notification.
©LG Electronics U.S.A., Inc., Englewood Cliffs, NJ. All rights reserved. "LG" is a registered trademark of LG Corp.

WIRING CONNECTIONS

Power Wiring (208-230V) and Communications Cable Details

Figure 99: Multi F LMU187HV System Power Wiring and Communications Cable.



⚠ WARNING

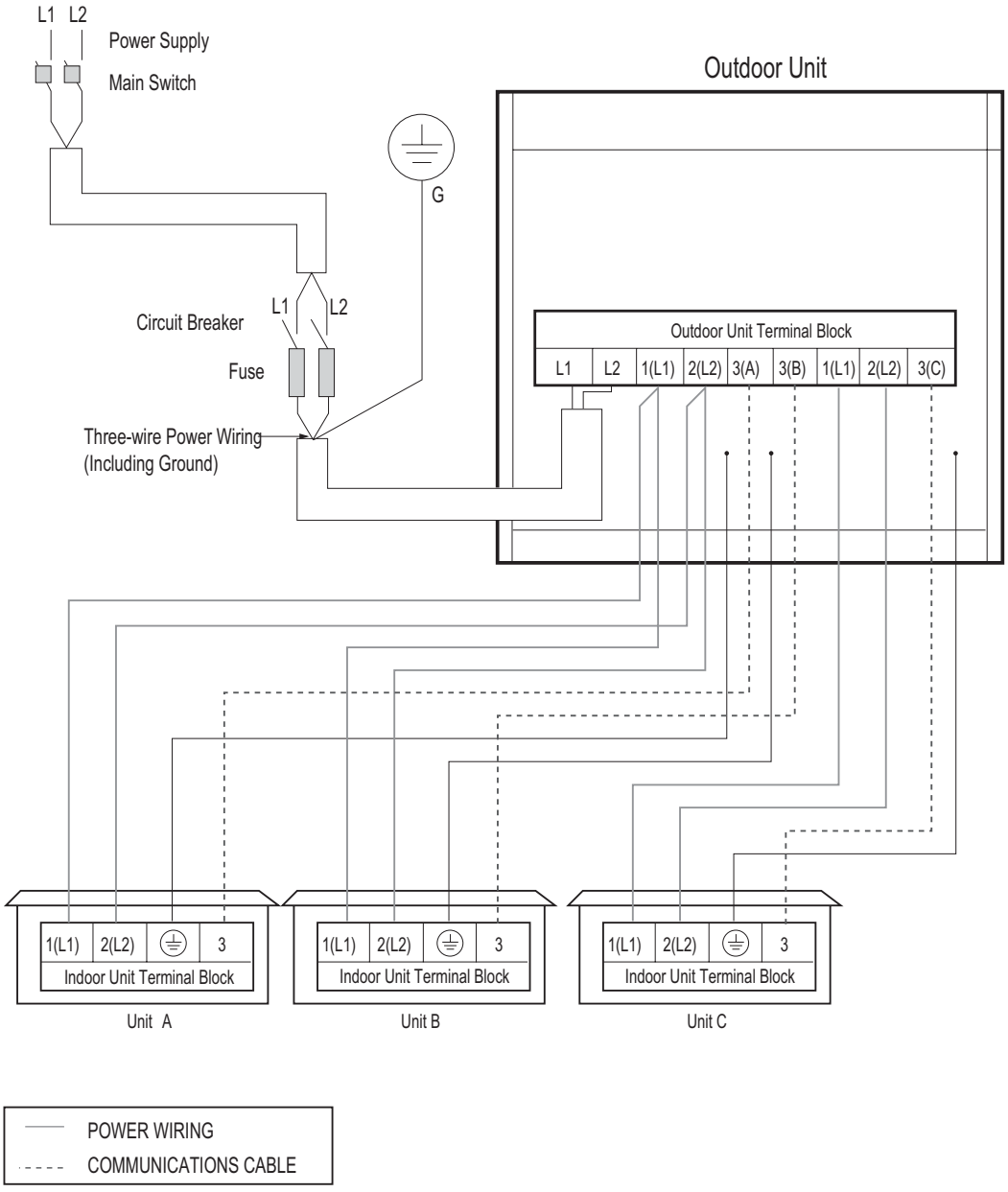
- *All field-supplied wiring, components, and materials should follow national, state, and local codes and requirements.*
- *Use only stranded, shielded copper conductor.*
- *Ground wiring is required to prevent accidental electrical shock during current leakage, communication problems from electrical noise, and motor current leakage. Do not connect the ground line to the pipes.*
- *Install a main shutoff switch or circuit breaker that interrupts all power sources simultaneously.*
- *Wiring cable size must comply with applicable national, state, and local codes.*

Due to our policy of continuous product innovation, some specifications may change without notification.
©LG Electronics U.S.A., Inc., Englewood Cliffs, NJ. All rights reserved. "LG" is a registered trademark of LG Corp.

WIRING CONNECTIONS

Power Wiring (208-230V) and Communications Cable Details

Figure 100: Multi F LMU247HV System Power Wiring and Communications Cable.

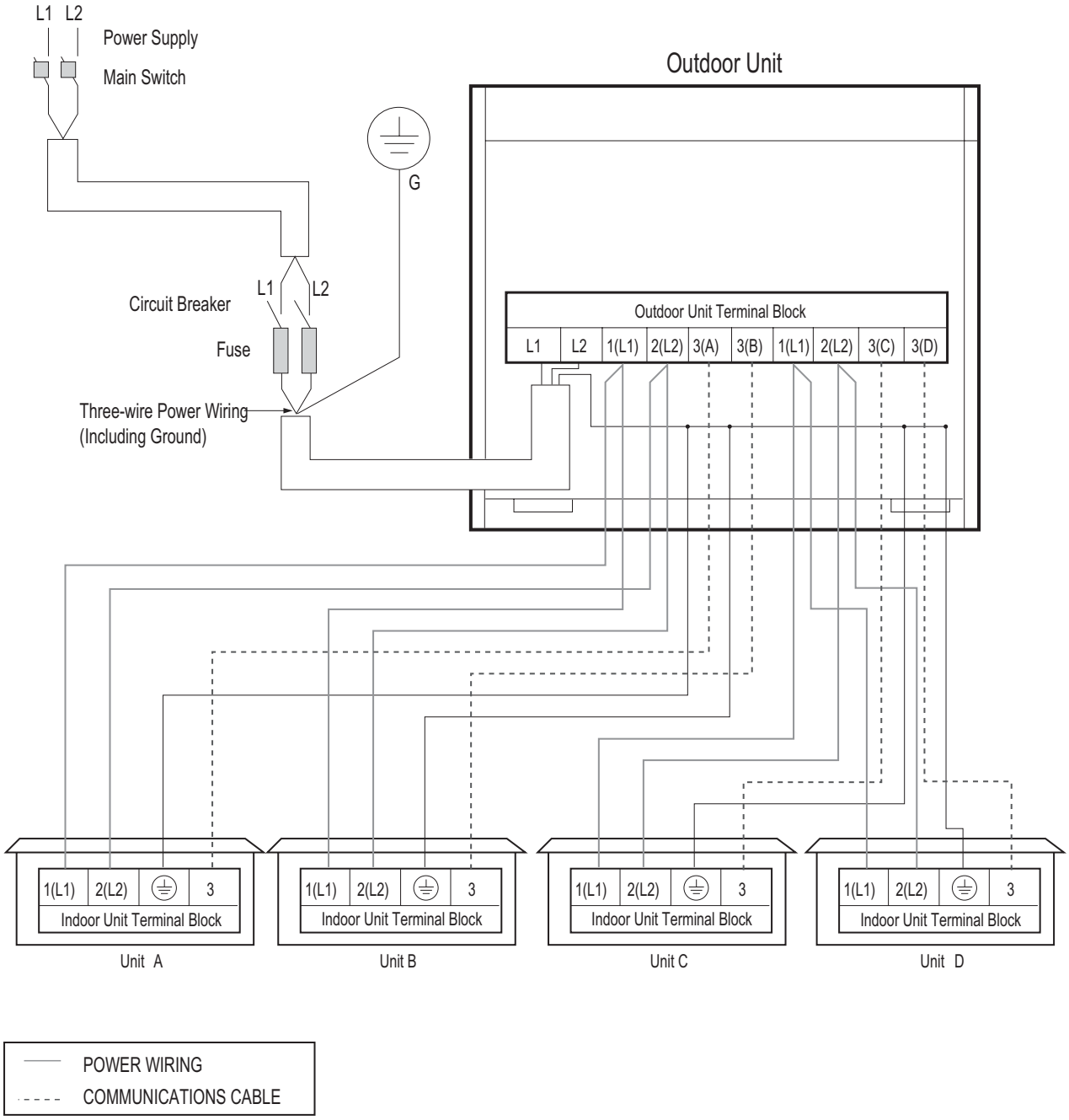


⚠ WARNING

- *All field-supplied wiring, components, and materials should follow national, state, and local codes and requirements.*
- *Use only stranded, shielded copper conductor.*
- *Ground wiring is required to prevent accidental electrical shock during current leakage, communication problems from electrical noise, and motor current leakage. Do not connect the ground line to the pipes.*
- *Install a main shutoff switch or circuit breaker that interrupts all power sources simultaneously.*
- *Wiring cable size must comply with applicable national, state, and local codes.*

Due to our policy of continuous product innovation, some specifications may change without notification.
©LG Electronics U.S.A., Inc., Englewood Cliffs, NJ. All rights reserved. "LG" is a registered trademark of LG Corp.

Figure 101: Multi F LMU369HV System Power Wiring and Communications Cable.



⚠ WARNING

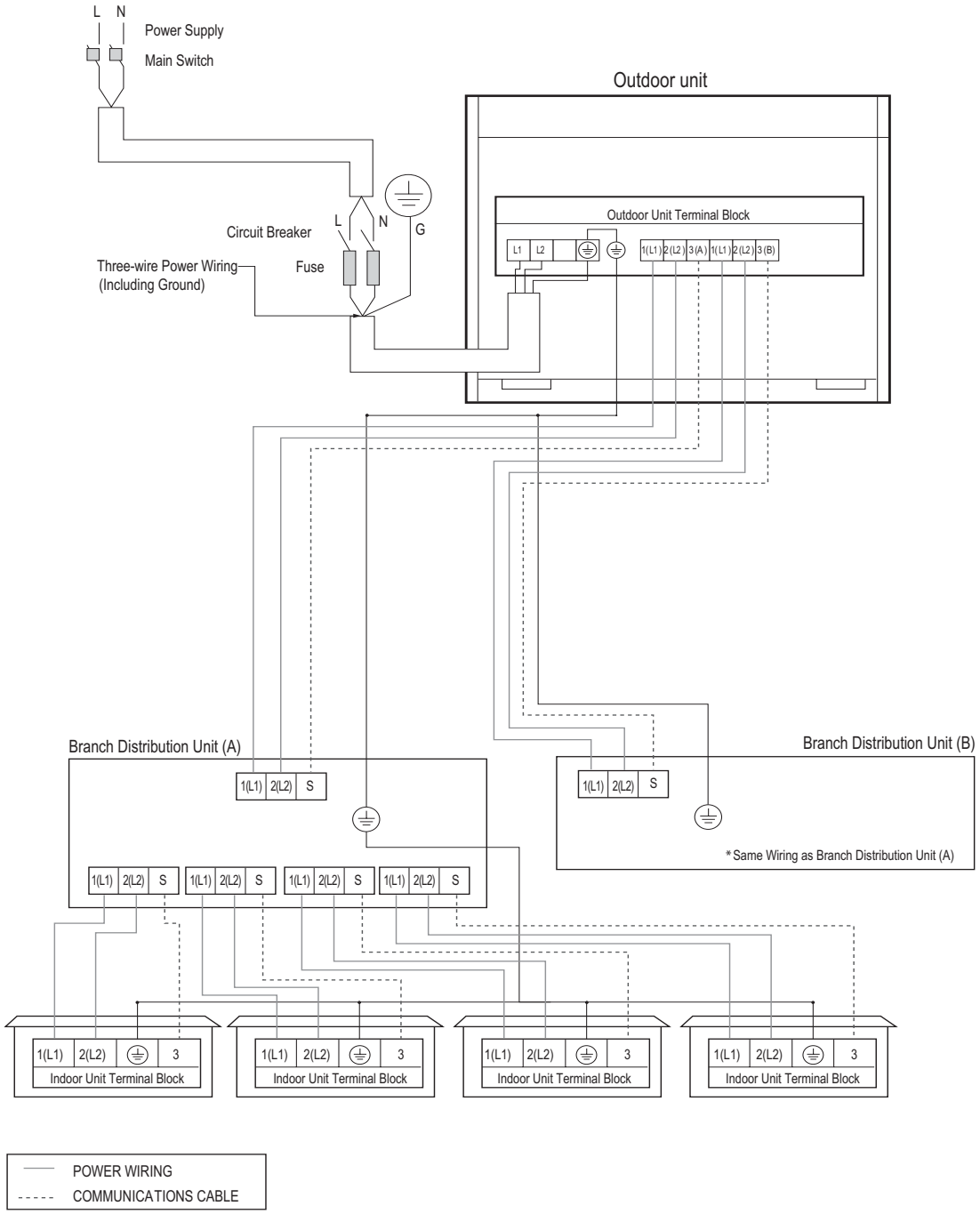
- *All field-supplied wiring, components, and materials should follow national, state, and local codes and requirements.*
- *Use only stranded, shielded copper conductor.*
- *Ground wiring is required to prevent accidental electrical shock during current leakage, communication problems from electrical noise, and motor current leakage. Do not connect the ground line to the pipes.*
- *Install a main shutoff switch or circuit breaker that interrupts all power sources simultaneously.*
- *Wiring cable size must comply with applicable national, state, and local codes.*

Due to our policy of continuous product innovation, some specifications may change without notification.
©LG Electronics U.S.A., Inc., Englewood Cliffs, NJ. All rights reserved. "LG" is a registered trademark of LG Corp.

WIRING CONNECTIONS

Power Wiring (208-230V) and Communications Cable Details

Figure 102: Multi F MAX LMU540HV System Power Wiring and Communications Cable.



⚠ WARNING

- *All field-supplied wiring, components, and materials should follow national, state, and local codes and requirements.*
- *Use only stranded, shielded copper conductor.*
- *Ground wiring is required to prevent accidental electrical shock during current leakage, communication problems from electrical noise, and motor current leakage. Do not connect the ground line to the pipes.*
- *Install a main shutoff switch or circuit breaker that interrupts all power sources simultaneously.*
- *Wiring cable size must comply with applicable national, state, and local codes.*

Due to our policy of continuous product innovation, some specifications may change without notification.
©LG Electronics U.S.A., Inc., Englewood Cliffs, NJ. All rights reserved. "LG" is a registered trademark of LG Corp.

Communication Cables Between Multiple Indoor Units Operating as a Group (Group Control)

1. If any indoor units were specified to operate in unison, use one (or multiple) three-core Group Control Kit (sold separately) containing extension and Y-splitter cables. One (1) group control cable kit for each indoor unit in the group except for the last indoor unit.

2. Always use an LG provided group control communications cable (Group Control Kit; sold separately) between the indoor unit and the wall-mounted zone controller.

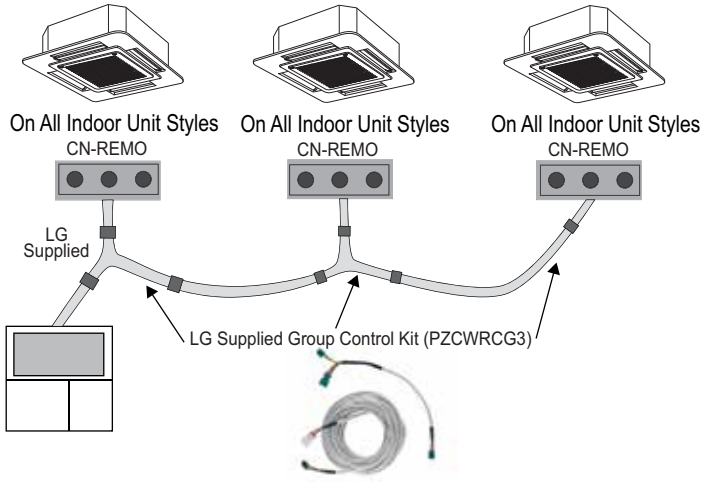
3. NEVER splice, cut, or extend cable length with field provided cable.

4. A maximum of 16 indoor units can be connected to a wired remote controller (maximum wire length: 164 feet). Before running cable, decide which indoor unit will be the “Master;” set the remaining as “Slave.” The zone controller will be connected to the “Master.”

5. Identify each indoor unit operating as a group as “Master” or “Slave”. Adjust the pertinent DIP switch at each indoor unit. On wall mounted indoor unit models, set the assignment using the handheld remote controller.

6. Use a daisy chain configuration and connect all of the group’s indoor units together starting at the “Master” unit.

Figure 103: Indoor Unit Group to Zone Controller Connections.



Note:

Cable connected to Zone Controller is the factory default connection.

General Specifications

- Wired remote controllers can be connected to all indoor unit types.
- Wireless handheld controllers can be used in conjunction with wired remote controllers.
- A dry contact unit can be connected with a central controller simultaneously.
  - The master indoor unit is recognized by the dry contact unit and the central controller.
  - Group Control only available for indoor units manufactured after February 2009.
  - The central controller can control indoor units after setting the address of the master indoor unit only.
  - Slave indoor unit cannot be individually controlled by central controller.
  - Slave indoor unit will operate like master indoor unit.
- If an error occurs with the indoor unit, the error will be displayed on the wired remote controller.
- The following functions are available with group control:
- Selection of operation options (operation/mode/set temperature)
- Control of air flow rate (High/Medium/Low)

Table 191: Accessories Required for Group Control.

Accessory	Model Number	Image
Wired Remote Group Control Cable Assembly - Required for connecting multiple indoor units to a control group	PZCWRCG3	
Wired Remote/Wired Remote Extension Cable - Required for extending the distance between indoor units or remote controllers in a control group	PZCWRC1	

Due to our policy of continuous product innovation, some specifications may change without notification.
©LG Electronics U.S.A., Inc., Englewood Cliffs, NJ. All rights reserved. “LG” is a registered trademark of LG Corp.

ACRONYMS

Table 192: Table of Acronyms.

ABS	Acrylonitrile Butadiene Styrene	IAQ	Indoor Air Quality
AC	Air Conditioner	IDU	Indoor Unit
ACP	Advanced Control Platform	IUCF	Indoor Unit Correction Factor
ARI	Air Conditioning and Refrigeration Institute	KTL	Korea Testing Laboratories
ASHRAE	American Society of Heating, Refrigeration, and Air Conditioning	LATS	LG Air Conditioning Technical Solution
AWG	American Wire Gauge	LGAP	LG Air Conditioner Protocol
BDU	Branch Distribution (Unit)	MAT	Mixed Air Temperature
Btu/h	British Thermal Units per hour	MBh	Thousands BTUs per hour
CCR	Corrected Capacity Ratio	MCA	Maximum Circuit Ampacity
CDOA	Coupled Dedicated Outdoor Air	MFS	Maximum Fuse Size
CFM	Cubic Feet per Minute	NEC	National Electrical Code
CR	Combination Ratio	OAT	Outdoor Air Temperature
DB	Dry Bulb	ODU	Outdoor Unit
dB(A)	Decibels with “A” frequency weighting	OUCF	Outdoor Unit Correction Factor
DDOAS	Decoupled Dedicated Outdoor Air	PDI	Power Distribution Indicator
DFS	Duct-Free Split	PI	Power Input
DI	Digital Input	PTAC	Packaged Terminal Air Conditioner
DO	Digital Output	PVE	Polyvinyl Ether
EEV	Electronic Expansion Valve	RAT	Return Air Temperature
ELF	Equivalent Length in Feet	RCL	Refrigerant Concentration Limit
EPDM	Ethylene Propylene Diene M-Class Rubber	SC	Sensible Capacity
ESP	External Static Pressure	TC	Total Capacity
ETL	Electronic Testing Laboratories	VAV	Variable Air Volume
HACR	Heating, Air Conditioning, and Refrigeration	VRF	Variable Refrigerant Flow
H/M/L	High / Medium / Low	VRP	Ventilation Rate Procedure

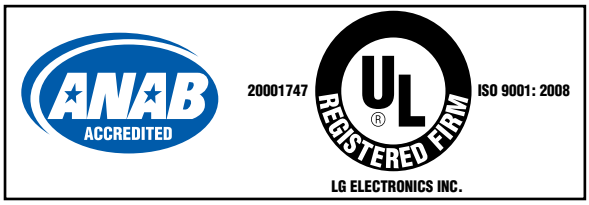
Due to our policy of continuous product innovation, some specifications may change without notification.
©LG Electronics U.S.A., Inc., Englewood Cliffs, NJ. All rights reserved. “LG” is a registered trademark of LG Corp.













LG
Life's Good

LG Electronics
Commercial Air Conditioning Division
11405 Old Roswell Road
Alpharetta, Georgia 30009
www.lg-dfs.com

LG Electronics Products Support
1-888-865-3026 USA
Follow the prompts for HVAC products.

DFS-EM-AJ-001-US 014C25
Supersedes DFS-EM-AJ-001-US 014A03
Supersedes DFS-EM-AJ-001-US 013M09
Supersedes DFS-EM-AJ-001-US 013K30

LG
Life's Good

MULTI F
MULTI F MAX

HEAT PUMP SYSTEM
ENGINEERING MANUAL

Multi-Zone Heat Pump Systems

1.5 to 4.5 Tons



Dual and Tri-Zone
Multi F



Quad-Zone
Multi F



Eight-Zone
Multi F MAX

PROPRIETARY DATA NOTICE

This document, as well as all reports, illustrations, data, information, and other materials are the property of LG Electronics U.S.A., Inc., and are disclosed by LG Electronics U.S.A., Inc., only in confidence.
This document is for design purposes only.

DFS-EM-AJ-001-US 014C25

For continual product development, LG reserves the right to change specifications without notice.
©LG Electronics Inc.

This document, as well as all reports, illustrations, data, information, and other materials are the property of LG Electronics U.S.A., Inc.

MULTI F
MULTI F MAX

TABLE OF CONTENTS

About LG Electronics, Inc. **4**

Multi-Zone Systems **4**

Unit Nomenclature **6**

Outdoor Unit Overview **7**

Indoor Unit Overview **8**

Controls and Options Overview **9-13**

Multi F Outdoor Unit Product Data **15-124**
- *Product Features and Benefits* *16*
- *Mechanical Specifications* *17*
- *General Data* *18-19*
- *Dimensions* *20-22*
- *Rated Cooling Combination Tables* *23-25*
- *Rated Heating Combination Tables* *26-28*
- *Cooling Capacity Tables* *29-80*
- *Heating Capacity Tables* *81-115*
- *Electrical Data* *116*
- *Acoustic Data* *116*
- *Refrigerant Flow Diagrams* *117-119*
- *Wiring Diagrams* *120-122*
- *Operation Range* *123*

Multi F MAX Outdoor Unit Product Data **125-168**
- *Product Features and Benefits* *126*
- *Mechanical Specifications* *127*
- *General Data* *128-129*
- *Dimensions* *130*
- *Rated Cooling Combination Tables* *131-133*
- *Rated Heating Combination Tables* *134-135*
- *Cooling Capacity Tables* *137-153*
- *Heating Capacity Tables* *154-164*
- *Electrical Data* *165*
- *Acoustic Data* *165*
- *Refrigerant Flow Diagrams* *166*
- *Wiring Diagrams* *167*
- *Operation Range* *168*

Multi F MAX Branch Distribution Unit Product Data **169-178**
- *Features and Benefits* *170*
- *Mechanical Specifications* *171*
- *General Data* *172*
- *Dimensions* *173*
- *Refrigerant Flow Diagram* *174*
- *Wiring Diagram* *175*
- *Y-Branch Accessory* *176*
- *Branch Distribution Unit Orientation* *177*

Application Guidelines **179-196**
- *Equipment Selection Procedure* *180-185*
- *Building Ventilation Design Guide* *186-189*
- *Placement Considerations* *190-196*

Refrigerant Piping Design & Layout Best Practices **197-218**
- *Design Guideline Summary* *198-199*
- *Creating a Balanced / Quality Piping System* *200*
- *Manual Layout Procedure* *200*
- *LG Engineered Multi F MAX Y-Branch Kits* *201*
- *Refrigerant Charge* *202-203*
- *Selecting Field-Supplied Copper Tubing* *204-205*
- *Refrigerant Piping System Layout* *206-213*
- *Piping Insulation* *214*
- *Condensate Drain Piping* *215-216*
- *Cut Sheet* *217*

Wiring Connections **219**
- *General Information* *220-222*
- *Power Wiring and Communications Cable Details* *223-227*
- *Indoor Unit Group Control* *228*

Acronyms **229**

TABLE OF SYMBOLS

⚠ **WARNING**	*This symbol indicates a potentially hazardous situation which, if not avoided, may result in death or serious injury.*
Note	*This symbol indicates additional helpful information such as an explanation, a comment, or a clarification about the subject.*
✓	*This symbol indicates a recommendation or tip. Recommendations instruct the user to apply the suggested practice to ensure the best operating results in order to achieve the maximum benefit of the product. Tips contain practical information that may help the user solve a problem or describe actions that may save time.*

Due to our policy of continuous product innovation, some specifications may change without notification.
©LG Electronics U.S.A., Inc., Englewood Cliffs, NJ. All rights reserved. "LG" is a registered trademark of LG Corp.

CONVERGENCE OF TECHNOLOGY, INNOVATION, FLEXIBILITY, & STYLE

About LG Electronics, Inc.

LG Electronics, Inc. is a global leader and technology innovator in consumer electronics, mobile communications, and home appliances, employing more than 213,000 people in more than 60 countries worldwide. LG Electronics, Inc. comprises five business units—Home Entertainment, Mobile Communications, Air Conditioning, Business Solutions, and Home Appliance. LG is one of the world's leading producers of flat panel televisions, audio and video products, mobile handsets, air conditioners, and washing machines. LG's commercial air conditioning business unit was established in 1968 and has built its lineup of residential and commercial products to include VRF, Multi F, duct-free split systems, packaged terminal air conditioners (PTACs), and room air conditioners. In 2011, the air conditioning and energy solutions business unit grew to include LED lighting and solar products. For more information, visit www.lg-dfs.com.

Multi-Zone Systems

LG HVAC systems offer a range of solutions that are cost efficient, quiet and attractive. Multi-zone systems are "split" into indoor and outdoor units, and provide a smart alternative to both central HVAC and window-mounted air conditioners. These inverter heat pump systems are available in a variety of configurations to suit different cooling and heating situations. Installation by a qualified HVAC contractor is safe and easy – little to no duct work or sheet metal is required.

Benefits of Multi F Systems

- Individual zone control
- Long refrigerant piping lengths
- High refrigerant piping elevation differences
- Maximum flexibility
- Operating ranges of 14°F to 118°F in cooling and 0°F to 64°F in heating
- Quiet and comfortable environment
- Reduced ductwork



Multi F Systems

LG's inverter heat pumps can support two, three, or four indoor units that are typically installed in separate rooms. Each indoor unit includes its own remote control, allowing the customer to set the temperature individually. Indoor units are available in several different configurations: Art Cool™ Mirror wall-mounted, Art Cool Gallery wall-mounted, standard wall-mounted, four-way ceiling cassettes, ceiling-concealed duct (high and low static), and vertical-horizontal air handling models. Multi F MAX systems, released in 2012, can operate up to eight indoor units through two-, three-, or four-port branch distribution units.

Adaptable and Flexible

Multi F outdoor units can be adapted to a wide range of building applications and sizes such as schools, hotels, hospitals, offices, and residences. The system components are lightweight and compact so they can be placed in buildings without expensive cranes, they easily fit into most service elevators, and they can be set in place with minimal structural reinforcements requirements.

Multi F technology allows you to pipe farther by reaching areas of the building that would require the installation of a second system when using traditional direct-expansion cooling and heating equipment. Multi F provides the designer with uncompromised pipe system engineering flexibility—long pipe runs and large elevation differences. Whether your building is a condominium, a hotel, a school, or an office complex, Multi F is best suited to reach the farthest corners and elevations.

Smaller Chases and Plenums

LG Multi F systems use refrigerant piping to move heat, resulting in smaller space requirements for piping as compared to chilled water or roof top systems. This helps reduce the overall construction and material cost of the building, and gives back leasable space. Flexible and logical placement of system components, reduced back-and-forth pipe lengths, and fewer joints lowers installation costs and minimizes potential leaking.

Quality Commitment

LG is committed to the success of DFS projects. We provide technical support during installation and commissioning. LG offers a variety of classes designed for installers and servicers on Multi F installation. Classes are conducted at LG's training centers and in field locations at various times throughout the year and upon special request.



MULTI F

Due to our policy of continuous product innovation, some specifications may change without notification.
©LG Electronics U.S.A., Inc., Englewood Cliffs, NJ. All rights reserved. "LG" is a registered trademark of LG Corp.

PRODUCT INTRODUCTION

“Unit Nomenclature” on page 6

“Outdoor Unit Overview” on page 7

“Indoor Unit Overview” on page 8

“Controls and Options Overview” on page 9

UNIT NOMENCLATURE

Multi-Zone Systems — Indoor Units and Outdoor Units

L	M	AN	12	7	HVT

L = LG
Type: M = Multi-Zone

Component:
AN: Art Cool™ Wall-Mounted Indoor Unit
N: Standard Wall-Mounted Indoor Unit
CN: Four-Way Ceiling-Cassette Indoor Unit
DN: Ceiling-Concealed Duct (Low Static) Indoor Unit
HN: Ceiling-Concealed Duct (High Static) Indoor Unit
VN: Vertical-Horizontal Air Handling Indoor Unit
U: Outdoor Unit

Nominal Capacity
(Nominal cooling capacity in Btu/h):

09 = 9,000	24 = 24,000
12 = 12,000	36 = 36,000
18 = 18,000	54 = 54,000

Generation

Features:
H = Heat Pump
V = Inverter
T = High Wall-Mounted Indoor Unit
P = Art Cool Gallery Indoor Unit

Branch Distribution Units

P	M	BD	36	2	0

P = Part (Accessory)
Type: M = Multi-Zone

BD: Branch Distribution Unit

Family

Number of Port Connections
(Maximum Number of Connectable Indoor Units): 2, 3, 4

Generation: 0, 1

Note:

- *Voltage for all equipment is 208-230V, 60 Hz, 1-phase.*
- *All indoor units are compatible with wired controllers*
- *All outdoor units are LGAP control network compatible with PI-485 V-net Control Integration Board (PMNFP14A0, sold separately).*

Due to our policy of continuous product innovation, some specifications may change without notification.
©LG Electronics U.S.A., Inc., Englewood Cliffs, NJ. All rights reserved. "LG" is a registered trademark of LG Corp.

OUTDOOR UNIT OVERVIEW

Table 1: Summary Data—Multi F / Multi F MAX Outdoor Units

Outdoor Unit Type	Model Number[1]	Dimensions (W x H x D) (inches)	Nominal Cooling Capacity Btu/h[2]	Net Weight (lbs.)	No. of Connectable Indoor Units[3]	Pipe Connections (inches, O.D.) (Liquid, Vapor)
Multi F Dual-Zone 	LMU187HV	34-1/4 x 31-13/16 x 12-19/32	18,000	124	2-2	1/4 x 2 Each, 3/8 x 2 Each
Multi F Tri-Zone 	LMU247HV	34-1/4 x 31-13/16 x 12-19/32	24,000	131	2-3	1/4 x 3 Each, 3/8 x 3 Each
Multi F Quad-Zone 	LMU369HV	35-7/16 x 45-7/8 x 14-9/16	36,000	199	2-4	1/4 x 4 Each, 3/8 x 4 Each
Multi F MAX Eight-Zone 	LMU540HV	37-13/32 x 54-11/32 x 13	54,000	214	2-8	3/8 x 1 Each, 3/4 x 1 Each

[1]Model number shows nominal capacity and frame size designator.

[2]Nominal capacity rating obtained with air entering the indoor unit at 80°F dry bulb (DB) and 67°F wet bulb (WB) and outdoor ambient conditions of 95°F dry bulb (DB) and 75°F wet bulb (WB).

[3]Minimum number of connectable indoor units is two (2).

Due to our policy of continuous product innovation, some specifications may change without notification.
©LG Electronics U.S.A., Inc., Englewood Cliffs, NJ. All rights reserved. "LG" is a registered trademark of LG Corp.

INDOOR UNIT OVERVIEW

Table 2: Summary Data—Multi F Indoor Units.

Indoor Unit Type	Model Number[1]	Dimensions (W x H x D) (inches)	Nominal Cooling Capacity Btu/h[2]	Air Flow Rate (CFM) (H/M/L[3])	Net Weight (lbs.)	Pipe Connections (inches, O.D.) (Liquid, Vapor)
Art Cool™ Mirror Wall-Mounted 	LMAN097HVT	35-1/4 × 11-3/8 × 8-1/16	9,000	247 / 230 / 212	25	1/4, 3/8
	LMAN127HVT		12,000	335 / 318 / 300		
	LMAN187HVT	40-9/16 x 12-25/32 x 9-21/32	18,000	572 / 501 / 434	35	1/4, 1/2
Art Cool™ Gallery Wall-Mounted 	LMAN097HVP	23-5/8 x 23-5/8 x 5-25/32	9,000	272 / 208 / 155	32	1/4, 3/8
	LMAN127HVP		12,000	314 / 258 / 198		
Standard Wall-Mounted 	LMN097HVT	35-1/4 x 11-3/8 x 8-9/32	9,000	247 / 230 / 212	23	1/4, 3/8
	LMN127HVT		12,000	335 / 318 / 300		
	LMN187HVT	40-9/16 x 12-25/32 x 9-27/32	18,000	572 / 501 / 434	32	1/4, 1/2
Ceiling-Concealed Duct (Low Static) 	LMDN095HV	32-9/32 x 7-1/2 x 22-5/8	9,000	300 / 265 / 229	46	1/4, 3/8
	LMDN125HV		12,000	335 / 300 / 265		
	LMDN185HV	43-5/16 x 7-1/2 x 22-5/8	18,000	530 / 477 / 406	59	1/4, 1/2
Ceiling-Concealed Duct (High Static) 	LMHN240HV	46-17/32 x 11-23/32 x 17-23/32	24,000	688 / 618 / 530	80	1/4, 1/2
	LMHN360HV		36,000	1,130 / 953 / 706	91	3/8, 5/8
Four-Way Ceiling Cassette 	LMCN125HV	Body: 22-7/16 x 8-7/16 x 22-7/16 Panel: 27-9/16 x 7/8 x 27-9/16	12,000	335 / 283 / 247	31 (Body), 7 (Panel)	1/4, 3/8
	LMCN185HV	Body: 22-7/16 x 10-3/32 x 22-7/16 Panel: 27-9/16 x 7/8 x 27-9/16	18,000	459 / 424 / 388	34 (Body), 7 (Panel)	1/4, 1/2
Vertical-Horizontal Air Handling 	LMVN240HV	18 x 48-21/32 x 21-1/4	24,000	710 / 640 / 480	117	1/4, 1/2
	LMVN360HV		36,000	990 / 880 / 800	121	3/8, 5/8

[1]Model number shows nominal capacity and frame size designator.

[2]Nominal capacity rating obtained with air entering the indoor unit at 80°F dry bulb (DB) and 67°F wet bulb (WB) and outdoor ambient conditions of 95°F dry bulb (DB) and 75°F wet bulb (WB).

[3]H/M/L = High/Medium/Low.

Due to our policy of continuous product innovation, some specifications may change without notification.
©LG Electronics U.S.A., Inc., Englewood Cliffs, NJ. All rights reserved. "LG" is a registered trademark of LG Corp.

CONTROLS AND OPTIONS OVERVIEW

Table 3: Summary Data—Zone Controllers.

Zone Controller	Name	Model / Part No.	Case Color	Max. Wire Length (ft.)	Description
	Simple Controller with Mode Selection	PQRCVCL0	Black	164	Allows control of indoor unit ON / OFF, operation mode, fan speed, and temperature setpoint for up to 16 indoor units. Included with Ceiling-Concealed Duct (High Static[1]) and Vertical-Horizontal Air Handling[1] indoor units; optional accessory for all other indoor unit types.
		AKB72955816[1]	White		
	Simple Controller with Mode Selection	6711A20116R[2]	White	164	Allows control of indoor unit ON / OFF, operation mode, fan speed, and temperature setpoint for up to 16 indoor units. Included with Ceiling-Concealed Duct (Low Static[2]) indoor units; optional accessory for all other indoor unit types.
	Simple Controller without Mode Selection	PQRCHCA0	Black	164	Allows control of indoor unit ON / OFF, fan speed, and temperature setpoint for up to 16 indoor units.
		PQRCHCA0QW	White		
	LG 7-Day Programmable Thermostat	PREMTB10U	White	164	Allows control of indoor unit ON / OFF, operation mode, occupied / unoccupied temperature setpoints, fan speed, and airflow direction for up to 16 indoor units. Programmable schedule with five events per day.
	Wireless Handheld Controller	AKB73635606[3] AKB73635607[4] AKB73757604[5]	Ivory	-	Allows control of indoor unit ON / OFF, operation mode, fan speed, and temperature setpoint. Also provides subfunction control. Included with Art Cool Mirror[3] and Gallery[4] Wall-Mounted, Standard[3] Wall-Mounted, and Four-Way Cassette[5] indoor units; optional accessory for Duct and Vertical-Horizontal AHU with use of wired controller.
	Wall-Mounted Remote Temperature Sensor	PQRSTA0	Ivory	50	Allows remote temperature measurement for four-way ceiling cassette, ceiling-concealed duct, and vertical-horizontal air handling indoor units.

[1]Simple Mode Controllers for the ceiling-concealed duct (high static) and the vertical-horizontal air handling indoor units are also referenced by Model No. PQRCVCL0QW.

[2]Simple Mode Controllers for the ceiling-concealed duct (low static) indoor units are also referenced by Model No. PQRCUCS0C.

[5]Wireless Handheld Controller for the four-way ceiling cassette indoor units is also referenced by Model No. PQWRHQ0FDB.

Before specifying or placing an order, refer to the V-Net Network Solutions Engineering Product Data Book, and review the detailed technical data provided to fully understand the capabilities and limitations of these devices.

For information on controller capabilities, refer to the Controls and Options Table on page 12.

Due to our policy of continuous product innovation, some specifications may change without notification.
©LG Electronics U.S.A., Inc., Englewood Cliffs, NJ. All rights reserved. "LG" is a registered trademark of LG Corp.

Table 4: Summary Data—Zone Controller Communication Cables.

Communication Cable	Name	Model No.	Max. Wire Length (ft.)	Description
	Wired Remote Group Control Cable Assembly	PZCWRCG3	32	Required when grouping multiple indoor units with a single zone controller.
	Wired Remote / Group Control Extension Cable	PZCWRC1	32	Increases the distance between a remote controller and an indoor unit, or between indoor units in a control group.

Before specifying or placing an order, refer to the V-Net Network Solutions Engineering Product Data Book, and review the detailed technical data provided to fully understand the capabilities and limitations of these devices.

For information on controller capabilities, refer to the Controls and Options Table on page 12.

Table 5: Summary Data—Specialty Application Devices.

Specialty Application Device	Name	Model No.	Connects to	Application	Binary Signals Input / Output	Description
	Dry Contact Unit 24 VAC	PQDSB1	Indoor Unit	ON / OFF, Run Status, Error Status	1 / 2	Enables the indoor unit to be controlled and monitored by third-party controls using binary inputs and outputs.
	Dry Contact Unit for Setback	PQDSBC		ON / OFF, Mode, Controller Lock, Power Save, Run Status, Error Status	2 / 2	
	Dry Contact Unit for Thermostat	PQDSBNGCM1		ON / OFF, Thermo ON / OFF, Mode, Fan Speed, Run Status, Error Status	—	Enables the indoor unit to be controlled and monitored by a third-party thermostat or controller.
	PI-485 V-net Control Integration Board	PMNFP14A0	Outdoor Unit	—	—	Control integration to LG V-net controls (AC Smart Premium, ACP, BACnet, LonWorks, etc.)
	Power Distribution Indicator (PDI) Premium	PQNUD1S41	Comm. BUS	Energy Consumption Monitoring	8 / 0	Monitors total outdoor unit power consumption for up to eight systems, and distributes per indoor unit based on weighted calculation.

Before specifying or placing an order, refer to the V-Net Network Solutions Engineering Product Data Book, and review the detailed technical data provided to fully understand the capabilities and limitations of these devices.

For information on controller capabilities, refer to the Controls and Options Table on page 12.

Due to our policy of continuous product innovation, some specifications may change without notification.
©LG Electronics U.S.A., Inc., Englewood Cliffs, NJ. All rights reserved. "LG" is a registered trademark of LG Corp.

CONTROLS AND OPTIONS OVERVIEW

Table 6: Summary Data—Central Controllers (Connect to the Outdoor Unit Through the PI-485 Board (accessory, sold separately).

Central Controller	Name	Model No.	Devices per Controller	Systems per Comm. BUS	Devices per Comm. BUS	No. of Comm. BUS ports	Binary Signals Input / Output	Power / Connection	Description
	AC Smart Premium	PQCSW421E0A	128	16	128	1	2 DI / 2 DO	24 VAC	Provides for scheduling, auto-changeover, setback, remote controller lock, setpoint range limit, run time limit, web access, email alarm notification, visual floorplan navigation, peak/demand control, software device interlocking, PDI integration, and AC Manager Plus integration advanced functionality in addition to basic unit control and monitoring.
	AC Ez	PQCSZ250S0	32	16	256	1	—	12 VDC / Outdoor Unit	Provides for scheduling in addition to basic indoor unit control and monitoring.
	Advanced Control Platform (ACP) Standard	PQCPC22N1	256	16	64 (128 with PDI Premium)	4	2 / 2	24 VAC	Provides for scheduling, remote controller lock, setpoint range limit, web access, peak / demand control, PDI integration, and AC Manager Plus integration advanced functionality in addition to basic unit control and monitoring.
	Advanced Control Platform (ACP) Premium	PQCPC22A1	256	16	64 (128 with PDI Premium)		10 / 4	24 VAC	

Before specifying or placing an order, refer to the V-Net Network Solutions Engineering Product Data Book, and review the detailed technical data provided to fully understand the capabilities and limitations of these devices.

For information on controller capabilities, refer to the Controls and Options Table on page 12.

Table 7: Summary Data—Integration Solutions (Connect to Outdoor Unit Through the PI-485 Board (accessory, sold separately).

Central Controller	Name	Model No.	Devices per Controller	Systems per Comm. BUS	Devices per Comm. BUS	No. of Comm. BUS ports	Binary Signals Input / Output	Power / Connection	Description
	BACnet® Gateway	PQNFB17C1	256	16	64 (128 with PDI Premium)	4	2 / 2	24 VAC	Allow integration of LG equipment for control and monitoring by open protocol BACnet and LonWorks building automation and controls systems.
	LonWorks® Gateway	PLNWKB100	64	16	64 (128 with PDI Premium)	1	2 / 2	24 VAC	

Before specifying or placing an order, refer to the V-Net Network Solutions Engineering Product Data Book, and review the detailed technical data provided to fully understand the capabilities and limitations of these devices.

For information on controller capabilities, refer to the Controls and Options Table on page 12.

Due to our policy of continuous product innovation, some specifications may change without notification.
©LG Electronics U.S.A., Inc., Englewood Cliffs, NJ. All rights reserved. "LG" is a registered trademark of LG Corp.

CONTROLS AND OPTIONS OVERVIEW

Table 8: Indoor Units—Functions, Controls and Options.

	Indoor Unit Type	ART COOL™ Mirror Wall Mounted	ART COOL™ Gallery	Standard Wall Mounted	Ceiling Concealed (Low Static) Ducted	Ceiling Concealed (High Static) Ducted	Four-Way Ceiling Cassette	Vertical-Horizontal Air Handling Unit
Airflow	Air supply outlets	1	3	1	1	2	4	1
	Airflow direction (left/right)	Auto	Auto	Auto				
	Airflow direction (up/down)	Auto	Auto	Auto			Auto	
	Auto swing (left/right)	√	√	√				
	Auto swing (up/down)	√	√	√			√	
	Airflow steps (fan/cool/heat)	6 / 6 / 6	5 / 5 / 5	6 / 6 / 6	3 / 3 / 3	3 / 3 / 3	4 / 5 / 4	3 / 3 / 3
	Chaos wind (random fan speed)	√	√	√			√	
	Jet-cool/heat	√ / √	√ / √	√ / √			√ / -	
	Swirl wind						√	
	Washable anti-fungal[1]	√	√	√	√	√	√	
	Plasma[2]	√		√			o[3]	
	Ventilation						√[4]	
Operation	Drain pump				√	√	√	
	E.S.P. control				√	√		√
	Electric heater							o
	High ceiling						√	
	Hot Start	√	√	√	√	√	√	√
	Self diagnostics	√	√	√	√	√	√	√
	Soft Dry (dehumidification)	√	√	√	√	√	√	√
	Auto operation	√	√	√	√	√	√	√
	Auto clean (coil dry)	√	√	√				
	Auto restart	√	√	√	√	√	√	√
	Child lock	o	o	o	o	o	o	o
	Forced operation	√	√	√			√	
	Group control – Requires the use of one Group control Cable Kit (PZCWRCG3) for every additional indoor unit	o	o	o	o	o	o	o
	Sleep mode	√	√	√	√	√	√	√
	Timer (on/off)	√	√	√		√	√	√
	Weekly schedule	o	o	o		√	o	√
	Two thermistor control	o	o	o	o	o	o	o
Controllers	7-Day programmable controller	o	o	o	o	o	o	o
	Simple wired remote controller	o	o	o	√	√	o	o
	Wireless LCD remote control	√	√	√	o[5]	o[5]	√	o[5]
	Dry contact	o	o	o	o	o	o	o
	Dry contact (temperature setting)	o	o	o	o	o	o	o
	Central control (LGAP)	√	√	√	√	√	√	√
	Connector for Water Sensor	√	√	√				

[1]Primary washable filters.

[2]Secondary plasma filters.

[3]Branch location and static pressure requirements. Requires PTPKQ0 Plasma kit.

[4]Requires ventilation kit PTVK430 (Temperature, humidity, and volume limitations apply).

[5]Requires wired zone controller.

√ = Standard feature

o = Unit option

Due to our policy of continuous product innovation, some specifications may change without notification.
©LG Electronics U.S.A., Inc., Englewood Cliffs, NJ. All rights reserved. "LG" is a registered trademark of LG Corp.

CONTROLS AND OPTIONS OVERVIEW

Table 9: Multi F MAX Outdoor Unit Accessories Overview.

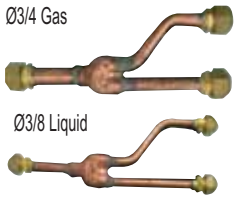
Multi F MAX Accessory	Name	Model No.	Description
	Two-Port Branch Distribution Unit	PMBD3620	Distributes refrigerant from Multi F MAX outdoor unit from one (1) to two (2) indoor units (maximum 24,000 Btu/h for each port).
	Three-Port Branch Distribution Unit	PMBD3630	Distributes refrigerant from Multi F MAX outdoor unit from one (1) to three (3) indoor units (maximum 24,000 Btu/h for each port).
	Four-Port Branch Distribution Unit	PMBD3640	Distributes refrigerant from Multi F MAX outdoor unit from one (1) to four (4) indoor units (maximum 24,000 Btu/h for each port).
		PMBD3641	Distributes refrigerant from Multi F MAX outdoor unit from one (1) to four (4) indoor units (maximum 24,000 Btu/h for ports A,B,C; maximum 36,000 Btu/h for D port).
	Y-branch Kit	PMBL5620	Y-branch Kit for Multi F MAX outdoor unit to connect up to two (2) branch distribution units.

Table 10: Indoor Unit Accessories Overview.

Model No.	Description
For Four-Way Ceiling-Cassette Indoor Units	
PT-UQC	Ceiling Grille
PTPKQ0	Plasma Kit
PTVK430	Ventilation Kit
For Vertical-Horizontal Air Handing Units	
ANEH053B1	5 kW Electric Heater
ANEH103B2	10 kW Electric Heater
For Ceiling-Concealed Duct (High Static) Indoor Units	
ZFBXBG01A	High Efficiency Filter Box
ZFBXD201A	Dynamic V8 2VL Low Profile Air Cleaner
ZPLMV201A	Dynamic 2VL Air Cleaner Low Profile Return Air Plenum
ZFBXD402A	Dynamic V8 4VL Low Profile Air Cleaner
ZPLMV402A	Dynamic 4VL Air Cleaner Low Profile Return Air Plenum
ZFLT1301A	4-Pack Dynamic V8 VL Air Cleaner Replacement Filter Pads
ZFLT1302A	24-Pack Dynamic V8 VL Air Cleaner Replacement Filter Pads
ZGRLRA01A	Dynamic V8 Air Cleaner Louvered Return Air Grille (one per plenum)
ZGRLRA02A	Dynamic V8 Air Cleaner Egg Crate Return Air Grille (one per plenum)

Due to our policy of continuous product innovation, some specifications may change without notification.
©LG Electronics U.S.A., Inc., Englewood Cliffs, NJ. All rights reserved. "LG" is a registered trademark of LG Corp.

Due to our policy of continuous product innovation, some specifications may change without notification.
©LG Electronics U.S.A., Inc., Englewood Cliffs, NJ. All rights reserved. "LG" is a registered trademark of LG Corp.

MULTI F
OUTDOOR UNIT DATA

“Product Features and Benefits” on page 16
“Mechanical Specifications” on page 17
“General Data” on page 18
“Dimensions” on page 20
“Rated Cooling Combination Tables” on page 23
“Rated Heating Combination Tables” on page 26
“Cooling Capacity Tables” on page 29
“Heating Capacity Tables” on page 81
“Electrical Data” on page 116
“Acoustic Data” on page 116
“Refrigerant Flow Diagrams” on page 117
“Wiring Diagrams” on page 120
“Operation Range” on page 123

MULTI F SYSTEMS

Features and Benefits

MULTI F
MULTI F MAX

The multiple piping of Multi F systems can support two, three or four indoor units that are typically mounted in separate rooms. Compact refrigerant pipes work in tandem with wiring to link the outdoor unit with all indoor units directly. Most indoor units include its own remote control, allowing the user to set the temperature individually in different rooms. The indoor units are available in a variety of capacities and styles, including Art Cool™ Mirror and Gallery Wall Mounts, Standard Wall Mount, Four-Way Ceiling Cassette, Horizontal Ceiling Concealed Duct, and Vertical-Horizontal Air Handling models.

Features

- Defrost
- Restart delay (three [3] minutes)
- Self diagnosis
- Soft start
- Inverter (Variable speed compressor)
- Low ambient operation to 14°F (Cooling mode)
- Auto operation / auto restart operation
- Gold Fin™ anti-corrosion
- Outdoor unit includes sufficient refrigerant for charging two (2), three (3), or four (4) indoor units using 24.6 feet of pipe to each

Benefits

- Long refrigerant piping lengths allow for extra design flexibility in indoor unit placement
- Easy installation: Little to no ductwork required; most indoor units can mount on any wall
- Indoor unit and outdoor unit dimensions ensure space saving convenience
- All-season use—heat pump models have both cooling and heating capabilities



Figure 1: Dual-Zone Multi F Heat Pump Inverter System — Mix and match for 9,000-24,000 Btu/h.



Figure 2: Tri-Zone Multi F Heat Pump Inverter System — Mix and match for 12,000-33,000 Btu/h.



Figure 3: Quad-Zone Multi F Heat Pump Inverter System — Mix and match for 18,000-48,000 Btu/h.

Due to our policy of continuous product innovation, some specifications may change without notification.
©LG Electronics U.S.A., Inc., Englewood Cliffs, NJ. All rights reserved. "LG" is a registered trademark of LG Corp.

Multi F Heat Pump Condensing Units

General

A Multi F multi-zone system is comprised of one heat pump outdoor unit connected to two, three, or four indoor units using a shared refrigerant piping circuit between the outdoor unit and each indoor unit, and includes integrated controls supplied by LG. The outdoor unit is internally assembled, wired, and piped from the factory; all LG components are manufactured in a facility registered to ISO 9001 and ISO 14001, set by the International Organization for Standardization (ISO). The LG Multi F multi zone heat pump system components comply with Underwriters Laboratories (UL) 1995 Heating and Cooling Equipment Standard for Safety, and bear the Electrical Testing Laboratories (ETL) mark. The units are certified to AHRI 210 / 240.

Temperature Ranges

The heat pump outdoor units are capable of operating in cooling mode from 14°F to 118°F ambient dry bulb. The heat pump outdoor units are capable of operating in heating mode from 0°F to 64°F ambient wet bulb without additional low ambient controls.

Frame

The Multi F condensing unit case is constructed from pre-coated metal that has been tested in accordance with ASTM B-117 salt spray procedure for a minimum of 1,000 hours. Case has a removable front panel to allow access to major components and control devices, and legs to secure the unit during installation.

Refrigerant System

Multi F systems have a shared refrigerant circuit field piped to multiple (ducted, non-ducted or mixed) indoor units to effectively and efficiently control the heating or cooling operation of the multi zone system. All refrigerant lines from the outdoor unit to the indoor units are field-installed and must be insulated separately.

All Multi F systems use R410A refrigerant. The outdoor units are equipped with a refrigerant strainer, check valves, oil separator, accumulator, four-way reversing valve, electronic expansion valve(s) (EEV), high side and low side refrigerant charging ports, and a service port. Each outdoor unit also includes sensors for suction temperature, discharge temperature, high-pressure, low-pressure, heat exchanger temperature, and outdoor temperature conditions.

Refrigeration Oil Control

The outdoor units have an oil separator to separate oil mixed with the refrigerant gas during compression and return oil to the compressor. The outdoor units also have an oil injection mechanism to ensure a consistent film of oil on all moving compressor parts at low speed.

Compressor

Multi F condensing units are equipped with one hermetically sealed, digitally controlled, inverter driven twin-rotary compressor that includes Teflon™ coated bearings. The inverter motor is capable of providing a modulation range of 20Hz to 100Hz with control in 1Hz increments. The compressor is protected with phase-reversal protection, uses a factory-charge of Polyvinyl Ether (PVE) oil, and is mounted to avoid the transmission of vibration. Compressors in LMU369HV models are equipped with a hot gas bypass valve.

Figure 4: Multi F LMU187HV and LMU247HV Outdoor Units.



Figure 5: Multi F LMU369HV Outdoor Unit.



Fan and Motors

Each 1.5 to 2 ton outdoor unit includes one direct drive variable speed propeller fan with Brushless Digitally Controlled (BLDC) motor with a horizontal air discharge. Each 3 ton outdoor unit includes two direct drive variable speed propeller fans with Brushless Digitally Controlled (BLDC) motor with a horizontal air discharge.

Fan blades are statically and dynamically balanced propeller fans made of durable Acrylonitrile Butadiene Styrene (ABS) plastic, and include a raised fan guard to limit contact with moving parts. The motors have inherent overload protection, permanently lubricated bearings, and a maximum speed up to 950 rpm. All Multi F outdoor units have a horizontal discharge airflow.

Outdoor Unit Coil

The outdoor unit coils are factory-built of aluminum fins mechanically bonded on copper tubing. Coils have a minimum of two rows, a minimum of 14 fins per inch, and have been factory pressure-tested.

Coil fins also have a factory applied corrosion-resistant GoldFin™ material with hydrophilic coating that has been tested in accordance with ASTM B-117 salt spray test procedure for a minimum of 1,000 hours.

Electrical

All Multi F outdoor units shall have 208/230V, 1 phase, 60Hz electrical power capable of operating within ±10% of the rated voltage.

Controls

Factory installed microprocessor controls in the outdoor unit and indoor units shall perform functions to efficiently operate the multi zone system. System wiring must be installed in a tree configuration from outdoor unit to indoor units through four conductor power/transmission cable. The system is capable of performing continuous operation, even when power is turned off to an individual indoor unit.

Due to our policy of continuous product innovation, some specifications may change without notification.
©LG Electronics U.S.A., Inc., Englewood Cliffs, NJ. All rights reserved. "LG" is a registered trademark of LG Corp.

MULTI F OUTDOOR UNIT

General Data

MULTI F
MULTI F MAX

Table 11: Multi F Outdoor Unit Specifications.

Model Number	LMU187HV	LMU247HV	LMU369HV
Rated Cooling Capacity (Btu/h)[1]	15,600	19,200	34,000
Rated Heating Capacity (Btu/h)[1]	17,000	26,400	41,000
Operating Range			
Cooling (°F DB)	14 - 118	14 - 118	14 - 118
Heating (°F WB)	0 - 64	0 - 64	0 - 64
Compressor			
Inverter Quantity	Twin Rotary x 1	Twin Rotary x 1	Twin Rotary x 1
Oil/Type	FVC68D	FVC68D	FVC68D
Fan (Side Discharge)			
Type	Propeller	Propeller	Propeller
Motor Output (W) x Qty.	84 x 1	84 x 1	124 x 2
Motor/Drive	Brushless Digitally Controlled/Direct		
Maximum Air Volume (CFM)	2,119	2,119	2,119 x 2
Unit Data			
Refrigerant Type	R410A	R410A	R410A
Refrigerant Control/Location	EEV/Outdoor Unit	EEV/Outdoor Unit	EEV/Outdoor Unit
Min. Number Indoor Units/System[2]	2	2	2
Max. Number Indoor Units/System[2]	2	3	4
Maximum Allowable Total Indoor Unit Connected Capacity (Btu/h)	24,000	33,000	48,000
Sound Pressure dB(A)[3]	51	51	57
Net Unit Weight (lbs.)	124	131	199
Shipping Weight (lbs.)	133	139	217
Power Wiring / Communication Cables[4] (No. x AWG)	4 x 18	4 x 18	4 x 18
Heat Exchanger			
Material and Fin Coating	Copper Tube/Aluminum Fin and GoldFin™/Hydrophilic		
Rows/Columns/Fins per inch x Qty.	(2 x 36 x 16) x 1	(2 x 36 x 16) x 1	(2 x 26 x 17) x 2
Piping			
Liquid Line Connection (in., OD) x Qty.	1/4 x 2	1/4 x 3	1/4 x 4
Vapor Line Connection (in., OD) x Qty.	3/8 x 2	3/8 x 3	3/8 x 4
Factory Charge lbs. of R410A	4.19	4.63	7.72
Piping Lengths			
Maximum Total Piping (ft)[5]	164.0	246.1	246.1
Maximum Outdoor Unit to Indoor Unit Piping (ft)	82.0	82.0	82.0
Piping Length (No Additional Refrigerant [ft])	49.2	73.8	98.4
Maximum Elevation between Outdoor Unit and Indoor Unit (ft)	49.2	49.2	49.2
Maximum Elevation between Indoor Unit and Indoor Unit (ft)	24.6	24.6	24.6

[1]Rated capacity applied with non-ducted indoor units, and is rated 0 ft. above sea level with 25 ft. of refrigerant line per indoor unit and a 0 ft. level difference between outdoor and indoor units. All capacities are net with a combination ratio between 95 – 105%.

Rated cooling capacity obtained with air entering the indoor unit at 80°F dry bulb (DB) and 67°F wet bulb (WB) and outdoor ambient conditions of 95°F dry bulb (DB) and 75°F wet bulb (WB).
Rated heating capacity obtained with air entering the indoor unit at 70°F dry bulb (DB) and 60°F wet bulb (WB) and outdoor ambient conditions of 47°F dry bulb (DB) and 43°F wet bulb (WB).

[2]At least two indoor units should be connected. For allocated capacity information, see the combination tables on pages 23 to 28.

[3]Sound pressure levels are tested in an anechoic chamber under ISO Standard 3745 and are the same in both cooling and heating mode. These values can increase due to ambient conditions during operation.

[4]All power wiring / communication cable to be minimum 18 AWG, 4-conductor, stranded, shielded, and must comply with applicable local and national codes. For detailed electrical information, please refer to electric characteristics on page 116.

[5]Piping lengths are equivalent.

Due to our policy of continuous product innovation, some specifications may change without notification.
©LG Electronics U.S.A., Inc., Englewood Cliffs, NJ. All rights reserved. "LG" is a registered trademark of LG Corp.

MULTI F OUTDOOR UNIT

General Data

Table 12: LMU187HV Efficiency Ratings.[1,2]

System	Combined With	Rated Cooling Capacity (Btu/h)	EER (95°F)	SEER	Rated Heating Capacity (Btu/h)	COP (47°F)	HSPF	Low Heating Capacity (Btu/h)	COP (17°F)	Energy Star
LMU187HV	Non-ducted Indoor Units	15,600	14.00	21.0	17,000	3.90	9.20	10,000	2.9	Yes
	Ducted Indoor Units	14,800	11.90	17.7	16,800	3.80	8.80	9,900	2.8	No
	Mixed Non-ducted and Ducted Indoor Units	15,200	12.95	19.35	16,900	3.9	9.00	9,950	2.8	No

Table 13: LMU247HV Efficiency Ratings.[1,2,]

System	Combined With	Rated Cooling Capacity (Btu/h)	EER (95°F)	SEER	Rated Heating Capacity (Btu/h)	COP (47°F)	HSPF	Low Heating Capacity (Btu/h)	COP (17°F)	Energy Star
LMU247HV	Non-ducted Indoor Units	19,200	13.40	21.7	26,400	3.50	9.40	16,200	2.6	Yes
	Ducted Indoor Units	18,000	11.80	16.4	26,200	3.40	8.50	16,400	2.6	No
	Mixed Non-ducted and Ducted Indoor Units	18,600	12.60	19.05	26,300	3.50	8.95	16,300	2.6	No

Table 14: LMU369HV Efficiency Ratings.[1,2]

System	Combined With	Rated Cooling Capacity (Btu/h)	EER (95°F)	SEER	Rated Heating Capacity (Btu/h)	COP (47°F)	HSPF	Low Heating Capacity (Btu/h)	COP (17°F)	Energy Star
LMU369HV	Non-ducted Indoor Units	34,000	12.50	17.5	41,000	3.40	10.5	26,000	2.4	Yes
	Ducted Indoor Units	34,000	12.00	16.5	41,000	3.20	9.5	27,400	2.6	No
	Mixed Non-ducted and Ducted Indoor Units	34,000	12.25	17.0	41,000	3.30	10.0	26,700	2.5	No

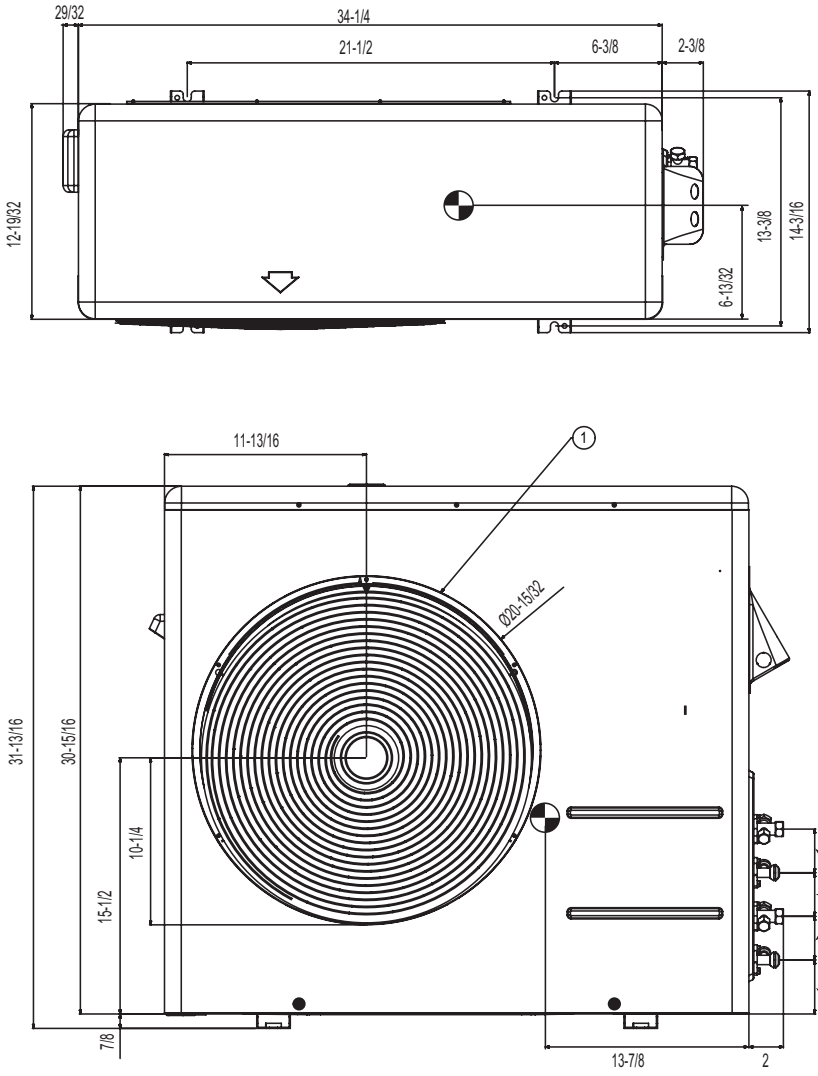
[1]Rated capacity is rated 0 ft. above sea level with 25 ft. of refrigerant line per indoor unit and a 0 ft. level difference between outdoor and indoor units. All capacities are net with a combination ratio between 95 – 105%.
Rated cooling capacity rating obtained with air entering the indoor unit at 80ºF dry bulb (DB) and 67ºF wet bulb (WB) and outdoor ambient conditions of 95ºF dry bulb (DB) and 75ºF wet bulb (WB).
Rated heating capacity rating obtained with air entering the indoor unit at 70ºF dry bulb (DB) and 60ºF wet bulb (WB) and outdoor ambient conditions of 47ºF dry bulb (DB) and 43ºF wet bulb (WB).
[2]Rated capacity is certified under AHRI Standard 210 / 240. EER, IEER, COP, and HSPF are subject to change. See www.ahrinet.org for the latest values.

Due to our policy of continuous product innovation, some specifications may change without notification.
©LG Electronics U.S.A., Inc., Englewood Cliffs, NJ. All rights reserved. "LG" is a registered trademark of LG Corp.

MULTI F OUTDOOR UNIT

Dimensions

Figure 6: LMU187HV External Dimensions.



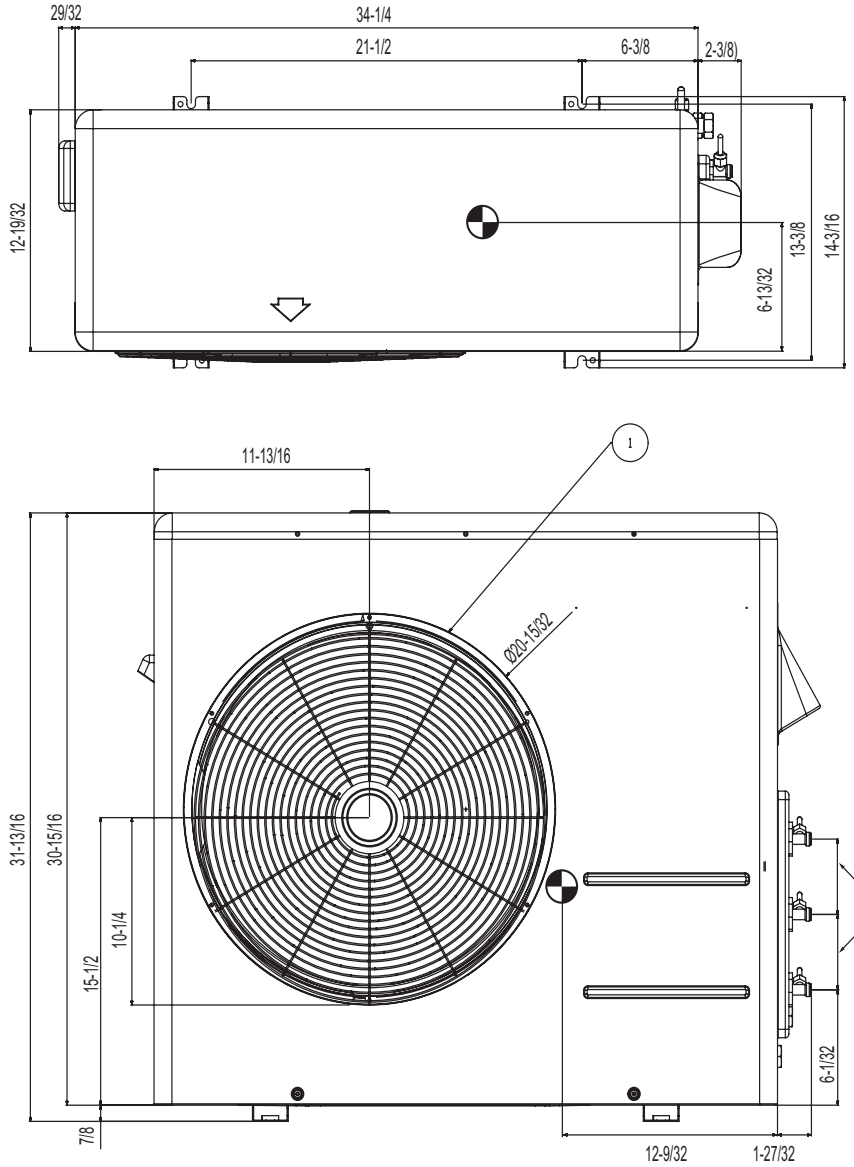
No.	Part Name
1	Air discharge grille
2	Gas pipe connection
3	Liquid pipe connection
4	Power & transmission connection
5	Earth screw

Due to our policy of continuous product innovation, some specifications may change without notification.
©LG Electronics U.S.A., Inc., Englewood Cliffs, NJ. All rights reserved. "LG" is a registered trademark of LG Corp.

MULTI F OUTDOOR UNIT

Dimensions

Figure 7: LMU247HV External Dimensions.



No.	Part Name
1	Air discharge grille
2	Gas pipe connection
3	Liquid pipe connection
4	Power & transmission connection
5	Earth screw
6	Main service valve (Liquid)
7	Main service valve (Gas)

Unit: Inch

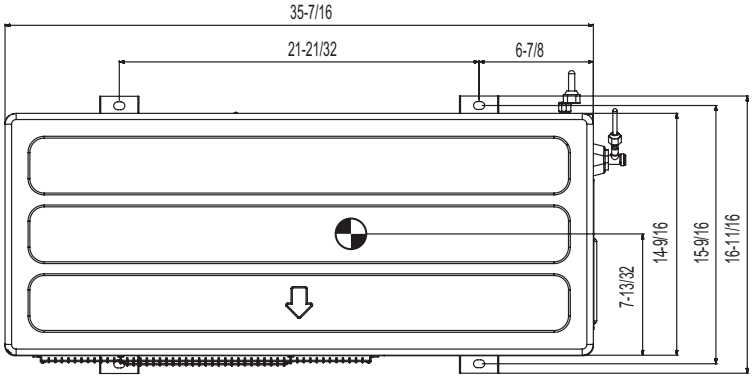
Center of Gravity

Due to our policy of continuous product innovation, some specifications may change without notification.
©LG Electronics U.S.A., Inc., Englewood Cliffs, NJ. All rights reserved. "LG" is a registered trademark of LG Corp.

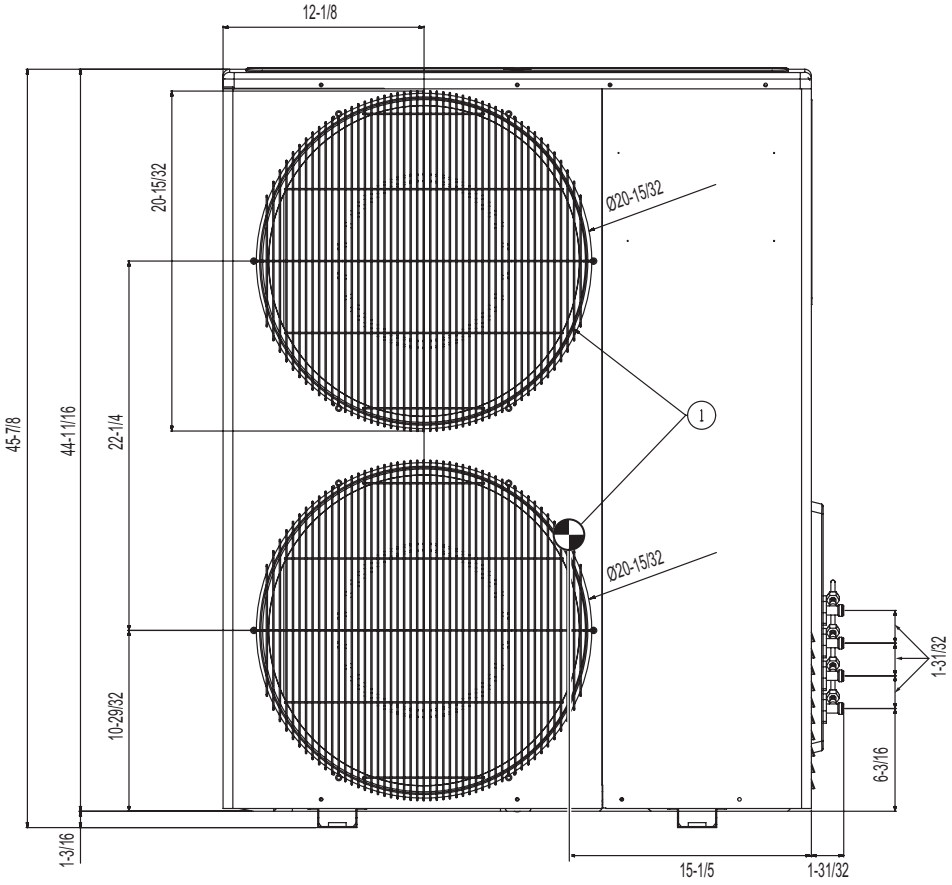
MULTI F OUTDOOR UNIT

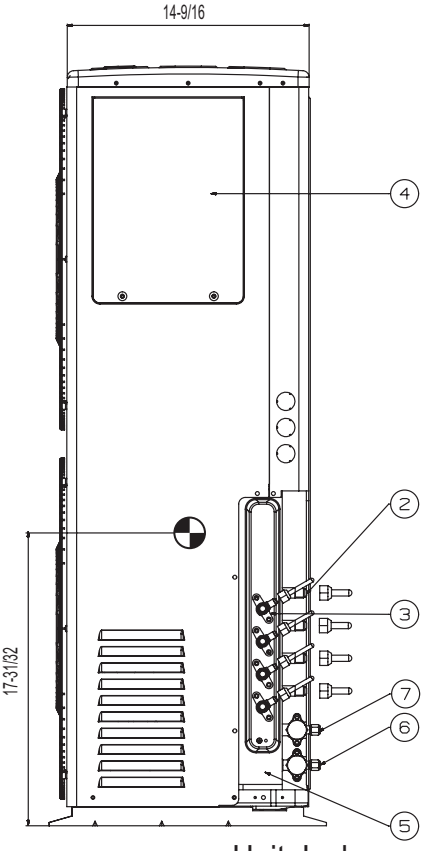
Dimensions

Figure 8: LMU369HV External Dimensions.



No.	Part Name
1	Air discharge grille
2	Gas pipe connection
3	Liquid pipe connection
4	Power & transmission connection
5	Earth screw
6	Main service valve (Liquid)
7	Main service valve (Gas)





Unit: Inch

Center of Gravity

Due to our policy of continuous product innovation, some specifications may change without notification.
©LG Electronics U.S.A., Inc., Englewood Cliffs, NJ. All rights reserved. "LG" is a registered trademark of LG Corp.

PERFORMANCE DATA

Rated Cooling Combination Tables

Table 15: LMU187HV with Non-Ducted, Ducted, and Mixed Indoor Units — Rated Cooling Combination Table.

No. of Indoor Units	Indoor Unit Combination (kBtu/h)					Room Capacity				Total Capacity						Input (W)			EER	SEER
	IDU 1	IDU 2	IDU 3	IDU 4	Total	Unit 1 (Btu/h)	Unit 2 (Btu/h)	Unit 3 (Btu/h)	Unit 4 (Btu/h)	Minimum		Rated		Maximum		Min.	Rated	Max.		
										Btu/h	kW	Btu/h	kW	Btu/h	kW					
Non-Ducted Indoor Units																				
Two Units	9	9	-	-	18	7,800	7,800	-	-	10,798	3.16	15,600	4.57	19,000	5.57	924	1,118	2,370	14.0	21.0
	9	12	-	-	21	6,686	8,914	-	-	10,798	3.16	15,600	4.57	19,000	5.57	924	1,118	2,370	14.0	21.0
	12	12	-	-	24	7,800	7,800	-	-	10,798	3.16	15,600	4.57	19,000	5.57	924	1,118	2,370	14.0	21.0
Ducted Indoor Units																				
Two Units	9	9	-	-	18	7,400	7,400	-	-	10,798	3.16	14,800	4.34	19,000	5.57	945	1,244	2,370	11.9	17.7
	9	12	-	-	21	6,343	8,457	-	-	10,798	3.16	14,800	4.34	19,000	5.57	945	1,244	2,370	11.9	17.7
	12	12	-	-	24	7,400	7,400	-	-	10,798	3.16	14,800	4.34	19,000	5.57	945	1,244	2,370	11.9	17.7
Mixed Indoor Units																				
Two Units	9	9	-	-	18	7,600	7,600	-	-	10,798	3.16	15,200	4.46	19,000	5.57	935	1,181	2,370	12.95	19.35
	9	12	-	-	21	6,515	8,685	-	-	10,798	3.16	15,200	4.46	19,000	5.57	935	1,181	2,370	12.95	19.35
	12	12	-	-	24	7,600	7,600	-	-	10,798	3.16	15,200	4.46	19,000	5.57	935	1,181	2,370	12.95	19.35

[1]Capacity as rated: 0 ft. above sea level with 25 ft. of refrigerant piping. 0 ft. level difference between outdoor and indoor units.

[2]Cooling capacity rating obtained with air entering the indoor unit at 80ºF dry bulb (DB) and 67ºF wet bulb (WB), and outdoor ambient conditions of 95ºF dry bulb (DB) and 75ºF wet bulb (WB).

[3]Wiring cable size must comply with the applicable local and national codes.

[4]The specification may be subject to change without prior notice for purpose of improvement.

[5]At least two indoor units should be connected.

Table 16: LMU247HV with Non-Ducted, Ducted, and Mixed Indoor Units — Rated Cooling Combination Table.

No. of Indoor Units	Indoor Unit Combination (kBtu/h)					Room Capacity				Total Capacity						Input (W)			EER	SEER
	IDU 1	IDU 2	IDU 3	IDU 4	Total	Unit 1 (Btu/h)	Unit 2 (Btu/h)	Unit 3 (Btu/h)	Unit 4 (Btu/h)	Minimum		Rated		Maximum		Min.	Rated	Max.		
										Btu/h	kW	Btu/h	kW	Btu/h	kW					
Non-Ducted Indoor Units																				
Two Units	9	9	-	-	18	8,500	8,500	-	-	10,798	3.16	17,000	4.98	19,800	5.80	1,002	1,349	2,560	12.6	19.0
	9	12	-	-	21	7,586	10,114	-	-	11,100	3.25	17,700	5.19	23,100	6.77	1,044	1,383	2,830	12.8	19.0
	12	12	-	-	24	9,600	9,600	-	-	11,400	3.34	19,200	5.63	25,500	7.47	1,194	1,469	3,090	13.1	19.0
	9	18	-	-	27	6,400	12,800	-	-	11,400	3.34	19,200	5.63	27,500	8.06	1,284	1,469	3,090	13.1	19.0
	12	18	-	-	30	7,680	11,520	-	-	11,400	3.34	19,200	5.63	27,500	8.06	1,284	1,469	3,090	13.1	19.0
Three Units	9	9	9	-	27	6,400	6,400	6,400	-	11,700	3.43	19,200	5.63	28,800	8.44	1,200	1,431	3,050	13.4	21.7
	9	9	12	-	30	5,760	5,760	7,680	-	11,700	3.43	19,200	5.63	28,800	8.44	1,200	1,431	3,050	13.4	21.7
	9	12	12	-	33	5,236	6,982	6,982	-	11,700	3.43	19,200	5.63	28,800	8.44	1,200	1,431	3,050	13.4	21.7
Ducted Indoor Units																				
Two Units	9	9	-	-	18	8,300	8,300	-	-	10,798	3.16	16,600	4.87	19,800	5.80	1,042	1,495	2,560	11.1	14.4
	9	12	-	-	21	7,286	9,714	-	-	12,000	3.52	17,000	4.98	23,100	6.77	1,084	1,504	2,830	11.3	14.4
	12	12	-	-	24	9,000	9,000	-	-	12,300	3.60	18,000	5.28	25,500	7.47	1,234	1,565	3,090	11.5	14.4
	9	18	-	-	27	6,000	12,000	-	-	12,300	3.60	18,000	5.28	27,500	8.06	1,324	1,565	3,090	11.5	14.4
	12	18	-	-	30	7,200	10,800	-	-	12,300	3.60	18,000	5.28	27,500	8.06	1,324	1,565	3,090	11.5	14.4
Three Units	9	9	9	-	27	6,000	6,000	6,000	-	12,300	3.60	18,000	5.28	28,800	8.44	1,260	1,525	3,050	11.8	16.4
	9	9	12	-	30	5,400	5,400	7,200	-	12,300	3.60	18,000	5.28	28,800	8.44	1,260	1,525	3,050	11.8	16.4
	9	12	12	-	33	4,910	6,545	6,545	-	12,300	3.60	18,000	5.28	28,800	8.44	1,260	1,525	3,050	11.8	16.4
Mixed Indoor Units																				
Two Units	9	9	-	-	18	8,400	8,400	-	-	10,798	3.16	16,800	4.93	19,800	5.80	1,022	1,422	2,560	11.9	16.7
	9	12	-	-	21	7,436	9,914	-	-	11,550	3.39	17,350	5.09	23,100	6.77	1,064	1,444	2,830	12.1	16.7
	12	12	-	-	24	9,300	9,300	-	-	11,850	3.47	18,600	5.46	25,500	7.47	1,214	1,517	3,090	12.3	16.7
	9	18	-	-	27	6,200	12,400	-	-	11,850	3.47	18,600	5.46	27,500	8.06	1,304	1,517	3,090	12.3	16.7
	12	18	-	-	30	7,440	11,160	-	-	11,850	3.47	18,600	5.46	27,500	8.06	1,304	1,517	3,090	12.3	16.7
Three Units	9	9	9	-	27	6,200	6,200	6,200	-	12,000	3.52	18,600	5.46	28,800	8.44	1,230	1,478	3,050	12.6	19.05
	9	9	12	-	30	5,580	5,580	7,440	-	12,000	3.52	18,600	5.46	28,800	8.44	1,230	1,478	3,050	12.6	19.05
	9	12	12	-	33	5,073	6,764	6,764	-	12,000	3.52	18,600	5.46	28,800	8.44	1,230	1,478	3,050	12.6	19.05

[1]Capacity as rated: 0 ft. above sea level with 25 ft. of refrigerant piping. 0 ft. level difference between outdoor and indoor units.

[2]Cooling capacity rating obtained with air entering the indoor unit at 80ºF dry bulb (DB) and 67ºF wet bulb (WB), and outdoor ambient conditions of 95ºF dry bulb (DB) and 75ºF wet bulb (WB).

[3]Wiring cable size must comply with the applicable local and national codes.

[4]The specification may be subject to change without prior notice for purpose of improvement.

[5]At least two indoor units should be connected.

Due to our policy of continuous product innovation, some specifications may change without notification.
©LG Electronics U.S.A., Inc., Englewood Cliffs, NJ. All rights reserved. "LG" is a registered trademark of LG Corp.

PERFORMANCE DATA

Rated Cooling Combination Tables

Table 17: LMU369HV with Non-Ducted and Ducted Indoor Units — Rated Cooling Combination Table.

No. of Indoor Units	Indoor Unit Combination (kBtu/h)					Room Capacity				Total Capacity						Input (W)			EER	SEER
	IDU 1	IDU 2	IDU 3	IDU 4	Total	Unit 1 (Btu/h)	Unit 2 (Btu/h)	Unit 3 (Btu/h)	Unit 4 (Btu/h)	Minimum		Rated		Maximum		Min.	Rated	Max.		
										Btu/h	kW	Btu/h	kW	Btu/h	kW					
Non-Ducted Indoor Units																				
Two Units	9	9	-	-	18	9,000	9,000	-	-	10,798	3.16	18,000	5.28	19,800	5.80	1,140	1,900	2,586	9.5	13.5
	9	12	-	-	21	9,000	12,000	-	-	12,597	3.69	21,000	6.15	23,100	6.77	1,266	2,110	2,872	10.0	14.1
	12	12	-	-	24	12,000	12,000	-	-	14,397	4.22	24,000	7.03	26,400	7.74	1,392	2,320	3,158	10.3	14.7
	9	18	-	-	27	9,000	18,000	-	-	16,197	4.75	27,000	7.91	29,700	8.70	1,452	2,420	3,294	11.2	15.8
	12	18	-	-	30	12,000	18,000	-	-	17,996	5.27	30,000	8.79	33,000	9.67	1,560	2,600	3,539	11.5	16.4
	18	18	-	-	36	16,500	16,500	-	-	19,796	5.80	33,000	9.67	36,300	10.64	1,728	2,880	3,920	11.5	17.1
Three Units	9	9	9	-	27	9,000	9,000	9,000	-	16,197	4.75	27,000	7.91	29,700	8.70	1,452	2,420	3,294	11.2	15.8
	9	9	12	-	30	9,000	9,000	12,000	-	17,996	5.27	30,000	8.79	33,000	9.67	1,560	2,600	3,539	11.5	16.4
	9	12	12	-	33	9,000	12,000	12,000	-	19,796	5.80	33,000	9.67	36,300	10.64	1,644	2,740	3,729	12.0	17.1
	12	12	12	-	36	11,333	11,333	11,333	-	20,396	5.98	34,000	9.96	37,400	10.96	1,632	2,720	3,702	12.5	17.5
	9	9	18	-	36	8,500	8,500	17,000	-	20,396	5.98	34,000	9.96	37,400	10.96	1,632	2,720	3,702	12.5	17.5
	9	12	18	-	39	7,846	10,462	15,692	-	20,396	5.98	34,000	9.96	37,400	10.96	1,632	2,720	3,702	12.5	17.5
	12	12	18	-	42	9,714	9,714	14,571	-	20,396	5.98	34,000	9.96	37,400	10.96	1,632	2,720	3,702	12.5	17.5
	9	18	18	-	45	6,800	13,600	13,600	-	20,396	5.98	34,000	9.96	37,400	10.96	1,632	2,720	3,702	12.5	17.5
	12	18	18	-	48	8,500	12,750	12,750	-	20,396	5.98	34,000	9.96	37,400	10.96	1,632	2,720	3,702	12.5	17.5
Four Units	9	9	9	9	36	8,500	8,500	8,500	8,500	20,396	5.98	34,000	9.96	37,400	10.96	1,632	2,720	3,702	12.5	17.5
	9	9	9	12	39	7,846	7,846	7,846	10,462	20,396	5.98	34,000	9.96	37,400	10.96	1,632	2,720	3,702	12.5	17.5
	9	9	12	12	42	7,286	7,286	9,714	9,714	20,396	5.98	34,000	9.96	37,400	10.96	1,632	2,720	3,702	12.5	17.5
	9	12	12	12	45	6,800	9,067	9,067	9,067	20,396	5.98	34,000	9.96	37,400	10.96	1,632	2,720	3,702	12.5	17.5
	9	9	9	18	45	6,800	6,800	6,800	13,600	20,396	5.98	34,000	9.96	37,400	10.96	1,632	2,720	3,702	12.5	17.5
	9	9	12	18	48	6,375	6,375	8,500	12,750	20,396	5.98	34,000	9.96	37,400	10.96	1,632	2,720	3,702	12.5	17.5
	12	12	12	12	48	8,500	8,500	8,500	8,500	20,396	5.98	34,000	9.96	37,400	10.96	1,632	2,720	3,702	12.5	17.5
Ducted Indoor Units																				
Two Units	9	9	-	-	18	9,000	9,000	-	-	10,798	3.16	18,000	5.28	19,800	5.80	1,188	1,980	2,695	9.1	12.7
	9	12	-	-	21	9,000	12,000	-	-	12,597	3.69	21,000	6.15	23,100	6.77	1,320	2,200	2,995	9.5	13.4
	12	12	-	-	24	12,000	12,000	-	-	14,397	4.22	24,000	7.03	26,400	7.74	1,452	2,420	3,294	9.9	13.9
	9	18	-	-	27	9,000	18,000	-	-	16,197	4.75	27,000	7.91	29,700	8.70	1,518	2,530	3,443	10.7	14.9
	12	18	-	-	30	12,000	18,000	-	-	17,996	5.27	30,000	8.79	33,000	9.67	1,626	2,710	3,688	11.1	15.5
	24	9			33	24,000	9,000	-	-	19,796	5.80	33,000	9.67	35,200	10.32	1,800	3,000	3,925	11.0	15.4
	18	18	-	-	36	16,500	16,500	-	-	19,796	5.80	33,000	9.67	36,300	10.64	1,800	3,000	4,083	11.0	15.4
	24	12	-	-	36	22,000	11,000	-	-	19,796	5.80	33,000	9.67	36,300	10.64	1,800	3,000	4,083	11.0	15.4
Three Units	9	9	9	-	27	9,000	9,000	9,000	-	16,197	4.75	27,000	7.91	29,700	8.70	1,518	2,530	3,443	10.7	14.9
	9	9	12	-	30	9,000	9,000	12,000	-	17,996	5.27	30,000	8.79	33,000	9.67	1,626	2,710	3,688	11.1	15.5
	9	12	12	-	33	9,000	12,000	12,000	-	19,796	5.80	33,000	9.67	36,300	10.64	1,716	2,860	3,892	11.5	16.2
	12	12	12	-	36	11,333	11,333	11,333	-	20,396	5.98	34,000	9.96	37,400	10.96	1,704	2,840	3,865	12.0	16.5
	9	9	18	-	36	8,500	8,500	17,000	-	20,396	5.98	34,000	9.96	37,400	10.96	1,704	2,840	3,865	12.0	16.5
	9	12	18	-	39	7,846	10,462	15,692	-	20,396	5.98	34,000	9.96	37,400	10.96	1,704	2,840	3,865	12.0	16.5
	12	12	18	-	42	9,714	9,714	14,571	-	20,396	5.98	34,000	9.96	37,400	10.96	1,704	2,840	3,865	12.0	16.5
	9	18	18	-	45	6,800	13,600	13,600	-	20,396	5.98	34,000	9.96	37,400	10.96	1,704	2,840	3,865	12.0	16.5
	12	18	18	-	48	8,500	12,750	12,750	-	20,396	5.98	34,000	9.96	37,400	10.96	1,704	2,840	3,865	12.0	16.5
Four Units	9	9	9	9	36	8,500	8,500	8,500	8,500	20,396	5.98	34,000	9.96	37,400	10.96	1,704	2,840	3,865	12.0	16.5
	9	9	9	12	39	7,846	7,846	7,846	10,462	20,396	5.98	34,000	9.96	37,400	10.96	1,704	2,840	3,865	12.0	16.5
	9	9	12	12	42	7,286	7,286	9,714	9,714	20,396	5.98	34,000	9.96	37,400	10.96	1,704	2,840	3,865	12.0	16.5
	9	12	12	12	45	6,800	9,067	9,067	9,067	20,396	5.98	34,000	9.96	37,400	10.96	1,704	2,840	3,865	12.0	16.5
	9	9	9	18	45	6,800	6,800	6,800	13,600	20,396	5.98	34,000	9.96	37,400	10.96	1,704	2,840	3,865	12.0	16.5
	9	9	12	18	48	6,375	6,375	8,500	12,750	20,396	5.98	34,000	9.96	37,400	10.96	1,704	2,840	3,865	12.0	16.5
	12	12	12	12	48	8,500	8,500	8,500	8,500	20,396	5.98	34,000	9.96	37,400	10.96	1,704	2,840	3,865	12.0	16.5

[1]Capacity as rated: 0 ft. above sea level with 25 ft. of refrigerant piping. 0 ft. level difference between outdoor and indoor units.

[2]Cooling capacity rating obtained with air entering the indoor unit at 80°F dry bulb (DB) and 67°F wet bulb (WB), and outdoor ambient conditions of 95°F dry bulb (DB) and 75°F wet bulb (WB).

[3]Wiring cable size must comply with the applicable local and national codes.

[4]The specification may be subject to change without prior notice for purpose of improvement.

[5]At least two indoor units should be connected.

Due to our policy of continuous product innovation, some specifications may change without notification.
©LG Electronics U.S.A., Inc., Englewood Cliffs, NJ. All rights reserved. "LG" is a registered trademark of LG Corp.

PERFORMANCE DATA

Rated Cooling Combination Tables

Table 18: LMU369HV with Mixed Indoor Units — Rated Cooling Combination Table.

No. of Indoor Units	Indoor Unit Combination (kBtu/h)					Room Capacity				Total Capacity						Input (W)			EER	SEER
	IDU 1	IDU 2	IDU 3	IDU 4	Total	Unit 1 (Btu/h)	Unit 2 (Btu/h)	Unit 3 (Btu/h)	Unit 4 (Btu/h)	Minimum		Rated		Maximum		Min.	Rated	Max.		
										Btu/h	kW	Btu/h	kW	Btu/h	kW					
Mixed Indoor Units																				
Two Units	9	9	-	-	18	9,000	9,000	-	-	10,798	3.16	18,000	5.28	19,800	5.80	1,164	1,940	2,641	9.3	13.1
	9	12	-	-	21	9,000	12,000	-	-	12,597	3.69	21,000	6.15	23,100	6.77	1,293	2,155	2,934	9.7	13.8
	12	12	-	-	24	12,000	12,000	-	-	14,397	4.22	24,000	7.03	26,400	7.74	1,422	2,370	3,226	10.1	14.3
	9	18	-	-	27	9,000	18,000	-	-	16,197	4.75	27,000	7.91	29,700	8.70	1,485	2,475	3,369	10.9	15.4
	12	18	-	-	30	12,000	18,000	-	-	17,996	5.27	30,000	8.79	33,000	9.67	1,593	2,655	3,614	11.3	16.0
	24	9			33	24,000	9,000	-	-	19,796	5.80	33,000	9.67	35,200	10.32	1,764	2,940	3,876	11.2	15.8
	18	18	-	-	36	16,500	16,500	-	-	19,796	5.80	33,000	9.67	36,300	10.64	1,764	2,940	4,002	11.2	15.8
	24	12	-	-	36	22,000	11,000	-	-	19,796	5.80	33,000	9.67	36,300	10.64	1,764	2,940	4,002	11.2	15.8
Three Units	9	9	9	-	27	9,000	9,000	9,000	-	16,197	4.75	27,000	7.91	29,700	8.70	1,485	2,475	3,369	10.9	15.4
	9	9	12	-	30	9,000	9,000	12,000	-	17,996	5.27	30,000	8.79	33,000	9.67	1,593	2,655	3,614	11.3	16.0
	9	12	12	-	33	9,000	12,000	12,000	-	19,796	5.80	33,000	9.67	36,300	10.64	1,680	2,800	3,811	11.8	16.7
	12	12	12	-	36	11,333	11,333	11,333	-	20,396	5.98	34,000	9.96	37,400	10.96	1,668	2,780	3,784	12.25	17.0
	9	9	18	-	36	8,500	8,500	17,000	-	20,396	5.98	34,000	9.96	37,400	10.96	1,668	2,780	3,784	12.25	17.0
	9	12	18	-	39	7,846	10,462	15,692	-	20,396	5.98	34,000	9.96	37,400	10.96	1,668	2,780	3,784	12.25	17.0
	12	12	18	-	42	9,714	9,714	14,571	-	20,396	5.98	34,000	9.96	37,400	10.96	1,668	2,780	3,784	12.25	17.0
	9	18	18	-	45	6,800	13,600	13,600	-	20,396	5.98	34,000	9.96	37,400	10.96	1,668	2,780	3,784	12.25	17.0
	12	18	18	-	48	8,500	12,750	12,750	-	20,396	5.98	34,000	9.96	37,400	10.96	1,668	2,780	3,784	12.25	17.0
Four Units	9	9	9	9	36	8,500	8,500	8,500	8,500	20,396	5.98	34,000	9.96	37,400	10.96	1,668	2,780	3,784	12.25	17.0
	9	9	9	12	39	7,846	7,846	7,846	10,462	20,396	5.98	34,000	9.96	37,400	10.96	1,668	2,780	3,784	12.25	17.0
	9	9	12	12	42	7,286	7,286	9,714	9,714	20,396	5.98	34,000	9.96	37,400	10.96	1,668	2,780	3,784	12.25	17.0
	9	12	12	12	45	6,800	9,067	9,067	9,067	20,396	5.98	34,000	9.96	37,400	10.96	1,668	2,780	3,784	12.25	17.0
	9	9	9	18	45	6,800	6,800	6,800	13,600	20,396	5.98	34,000	9.96	37,400	10.96	1,668	2,780	3,784	12.25	17.0
	9	9	12	18	48	6,375	6,375	8,500	12,750	20,396	5.98	34,000	9.96	37,400	10.96	1,668	2,780	3,784	12.25	17.0
	12	12	12	12	48	8,500	8,500	8,500	8,500	20,396	5.98	34,000	9.96	37,400	10.96	1,668	2,780	3,784	12.25	17.0

[1]Capacity as rated: 0 ft. above sea level with 25 ft. of refrigerant piping.
0 ft. level difference between outdoor and indoor units.

[2]Cooling capacity rating obtained with air entering the indoor unit at 80ºF dry bulb (DB) and 67ºF wet bulb (WB), and outdoor ambient conditions of 95ºF dry bulb (DB) and 75ºF wet bulb (WB).

[3]Wiring cable size must comply with the applicable local and national codes.

[4]The specification may be subject to change without prior notice for purpose of improvement.

[5]At least two indoor units should be connected.

Due to our policy of continuous product innovation, some specifications may change without notification.
©LG Electronics U.S.A., Inc., Englewood Cliffs, NJ. All rights reserved. "LG" is a registered trademark of LG Corp.

PERFORMANCE DATA

Rated Heating Combination Tables

Table 19: LMU187HV with Non-Ducted, Ducted, and Mixed Indoor Units — Rated Heating Combination Table.

No. of Indoor Units	Indoor Unit Combination (kBtu/h)					Room Capacity				Total Capacity						Input (W)			EER	SEER
	IDU 1	IDU 2	IDU 3	IDU 4	Total	Unit 1 (Btu/h)	Unit 2 (Btu/h)	Unit 3 (Btu/h)	Unit 4 (Btu/h)	Minimum		Rated		Maximum		Min.	Rated	Max.		
										Btu/h	kW	Btu/h	kW	Btu/h	kW					
Non-Ducted Indoor Units																				
Two Units	9	9	-	-	18	8,500	8,500	-	-	12,418	3.64	17,000	4.98	21,000	6.15	1,150	1,290	2,480	3.9	9.2
	9	12	-	-	21	7,286	9,714	-	-	12,418	3.64	17,000	4.98	21,000	6.15	1,150	1,290	2,480	3.9	9.2
	12	12	-	-	24	8,500	8,500	-	-	12,418	3.64	17,000	4.98	21,000	6.15	1,150	1,290	2,480	3.9	9.2
Ducted Indoor Units																				
Two Units	9	9	-	-	18	8,400	8,400	-	-	12,418	3.64	16,800	4.92	21,000	6.15	1,170	1,306	2,480	3.8	8.8
	9	12	-	-	21	7,200	9,600	-	-	12,418	3.64	16,800	4.92	21,000	6.15	1,170	1,306	2,480	3.8	8.8
	12	12	-	-	24	8,400	8,400	-	-	12,418	3.64	16,800	4.92	21,000	6.15	1,170	1,306	2,480	3.8	8.8
Mixed Indoor Units																				
Two Units	9	9	-	-	18	8,450	8,450	-	-	12,418	3.64	16,900	4.95	21,000	6.15	1,160	1,298	2,480	3.9	9.0
	12	12	-	-	21	7,243	9,657	-	-	12,418	3.64	16,900	4.95	21,000	6.15	1,160	1,298	2,480	3.9	9.0
	12	12	-	-	24	8,450	8,450	-	-	12,418	3.64	16,900	4.95	21,000	6.15	1,160	1,298	2,480	3.9	9.0

[1]Capacity as rated: 0 ft. above sea level with 25 ft. of refrigerant piping.
0 ft. level difference between outdoor and indoor units.

[2]Heating capacity rating obtained with air entering the indoor unit at 70°F dry bulb (DB) and 60°F wet bulb (WB), and outdoor ambient conditions of 47°F dry bulb (DB) and 43°F wet bulb (WB).

[3]Wiring cable size must comply with the applicable local and national codes.

[4]The specification may be subject to change without prior notice for purpose of improvement.

[5]At least two indoor units should be connected.

Table 20: LMU247HV with Non-Ducted, Ducted, and Mixed Indoor Units — Rated Heating Combination Table.

No. of Indoor Units	Indoor Unit Combination (kBtu/h)					Room Capacity				Total Capacity						Input (W)			EER	SEER
	IDU 1	IDU 2	IDU 3	IDU 4	Total	Unit 1 (Btu/h)	Unit 2 (Btu/h)	Unit 3 (Btu/h)	Unit 4 (Btu/h)	Minimum		Rated		Maximum		Min.	Rated	Max.		
										Btu/h	kW	Btu/h	kW	Btu/h	kW					
Non-Ducted Indoor Units																				
Two Units	9	9	-	-	18	10,120	10,120	-	-	12,418	3.64	20,240	5.93	23,700	6.95	1,200	1,951	2,660	3.0	7.7
	9	12	-	-	21	9,857	13,143	-	-	12,765	3.74	23,000	6.74	27,700	8.12	1,260	2,174	3,010	3.1	7.7
	12	12	-	-	24	13,200	13,200	-	-	16,200	4.75	26,400	7.74	29,040	8.51	1,368	2,320	3,100	3.3	8.2
	9	18	-	-	27	8,800	17,600	-	-	16,200	4.75	26,400	7.74	31,500	9.23	1,428	2,320	3,100	3.3	8.2
	12	18	-	-	30	10,560	15,840	-	-	16,200	4.75	26,400	7.74	31,500	9.23	1,428	2,320	3,100	3.3	8.2
Three Units	9	9	9	-	27	8,800	8,800	8,800	-	16,200	4.75	26,400	7.74	32,000	9.38	1,308	2,207	3,090	3.5	9.4
	9	9	12	-	30	7,920	7,920	10,560	-	16,200	4.75	26,400	7.74	32,000	9.38	1,308	2,207	3,090	3.5	9.4
	9	12	12	-	33	7,200	9,600	9,600	-	16,200	4.75	26,400	7.74	32,000	9.38	1,308	2,207	3,090	3.5	9.4
Ducted Indoor Units																				
Two Units	9	9	-	-	18	10,000	10,000	-	-	12,418	3.64	20,000	5.86	23,700	6.95	1,240	1,967	2,660	3.0	7.9
	9	12	-	-	21	9,771	13,029	-	-	13,800	4.04	22,800	6.68	27,700	8.12	1,300	2,227	3,010	3.0	7.9
	12	12	-	-	24	13,100	13,100	-	-	16,500	4.84	26,200	7.68	29,040	8.51	1,408	2,360	3,100	3.3	8.1
	9	18	-	-	27	8,733	17,467	-	-	16,500	4.84	26,200	7.68	31,500	9.23	1,468	2,360	3,100	3.3	8.1
	12	18	-	-	30	10,480	15,720	-	-	16,500	4.84	26,200	7.68	31,500	9.23	1,468	2,360	3,100	3.3	8.1
Three Units	9	9	9	-	27	8,733	8,733	8,733	-	16,500	4.84	26,200	7.68	32,000	9.38	1,368	2,226	3,090	3.4	8.5
	9	9	12	-	30	7,860	7,860	10,480	-	16,500	4.84	26,200	7.68	32,000	9.38	1,368	2,226	3,090	3.4	8.5
	9	12	12	-	33	7,145	9,527	9,527	-	16,500	4.84	26,200	7.68	32,000	9.38	1,368	2,226	3,090	3.4	8.5
Mixed Indoor Units																				
Two Units	9	9	-	-	18	10,060	10,060	-	-	12,418	3.64	20,120	5.90	23,700	6.95	1,220	1,959	2,660	3.0	7.8
	9	12	-	-	21	9,814	13,086	-	-	13,283	3.89	22,900	6.71	27,700	8.12	1,280	2,201	3,010	3.1	7.8
	12	12	-	-	24	13,150	13,150	-	-	16,350	4.80	26,300	7.71	29,040	8.51	1,388	2,340	3,100	3.3	8.2
	9	18	-	-	27	8,767	17,534	-	-	16,350	4.80	26,300	7.71	31,500	9.23	1,448	2,340	3,100	3.3	8.2
	12	18	-	-	30	10,520	15,780	-	-	16,350	4.80	26,300	7.71	31,500	9.23	1,448	2,340	3,100	3.3	8.2
Three Units	9	9	9	-	27	8,767	8,767	8,767	-	16,350	4.80	26,300	7.71	32,000	9.38	1,338	2,217	3,090	3.5	8.95
	9	9	12	-	30	7,890	7,890	10,520	-	16,350	4.80	26,300	7.71	32,000	9.38	1,338	2,217	3,090	3.5	8.95
	9	12	12	-	33	7,173	9,564	9,564	-	16,350	4.80	26,300	7.71	32,000	9.38	1,338	2,217	3,090	3.5	8.95

[1]Capacity as rated: 0 ft. above sea level with 25 ft. of refrigerant piping.
0 ft. level difference between outdoor and indoor units.

[2]Heating capacity rating obtained with air entering the indoor unit at 70°F dry bulb (DB) and 60°F wet bulb (WB), and outdoor ambient conditions of 47°F dry bulb (DB) and 43°F wet bulb (WB).

[3]Wiring cable size must comply with the applicable local and national codes.

[4]The specification may be subject to change without prior notice for purpose of improvement.

[5]At least two indoor units should be connected.

Due to our policy of continuous product innovation, some specifications may change without notification.
©LG Electronics U.S.A., Inc., Englewood Cliffs, NJ. All rights reserved. "LG" is a registered trademark of LG Corp.

PERFORMANCE DATA

Rated Heating Combination Tables

Table 21: LMU369HV with Non-Ducted and Ducted Indoor Units — Rated Heating Combination Table.

No. of Indoor Units	Indoor Unit Combination (kBtu/h)					Room Capacity				Total Capacity						Input (W)			EER	SEER
	IDU 1	IDU 2	IDU 3	IDU 4	Total	Unit 1 (Btu/h)	Unit 2 (Btu/h)	Unit 3 (Btu/h)	Unit 4 (Btu/h)	Minimum		Rated		Maximum		Min.	Rated	Max.		
										Btu/h	kW	Btu/h	kW	Btu/h	kW					
Non-Ducted Indoor Units																				
Two Units	9	9	-	-	18	10,350	10,350	-	-	12,418	3.64	20,700	6.07	22,770	6.67	1,248	2,080	2,416	2.9	9.3
	9	12	-	-	21	10,350	13,800	-	-	14,487	4.25	24,150	7.08	26,510	7.77	1,524	2,540	2,950	2.8	8.9
	12	12	-	-	24	13,800	13,800	-	-	16,557	4.85	27,600	8.09	30,360	8.90	1,554	2,590	3,008	3.1	10.0
	9	18	-	-	27	10,350	20,700	-	-	18,626	5.46	31,050	9.10	33,000	9.67	1,740	2,900	3,368	3.1	10.0
	12	18	-	-	30	13,800	20,700	-	-	20,696	6.07	34,500	10.11	36,300	10.64	1,932	3,220	3,740	3.1	10.0
	18	18	-	-	36	19,000	19,000	-	-	22,795	6.68	38,000	11.14	40,000	11.72	2,118	3,530	4,100	3.2	10.1
Three Units	9	9	9	-	27	10,350	10,350	10,350	-	18,626	5.46	31,050	9.10	34,100	9.99	1,740	2,900	3,368	3.1	10.0
	9	9	12	-	30	10,350	10,350	13,800	-	20,696	6.07	34,500	10.11	37,400	10.96	1,932	3,220	3,740	3.1	10.0
	9	12	12	-	33	10,350	13,800	13,800	-	22,765	6.67	37,950	11.12	38,500	11.28	2,040	3,400	3,949	3.3	10.4
	12	12	12	-	36	13,667	13,667	13,667	-	24,595	7.21	41,000	12.02	45,100	13.22	2,148	3,580	4,153	3.4	10.5
	9	9	18	-	36	10,250	10,250	20,500	-	24,595	7.21	41,000	12.02	45,100	13.22	2,148	3,580	4,153	3.4	10.5
	9	12	18	-	39	9,462	12,615	18,923	-	24,595	7.21	41,000	12.02	45,100	13.22	2,148	3,580	4,153	3.4	10.5
	12	12	18	-	42	11,714	11,714	17,571	-	24,595	7.21	41,000	12.02	45,100	13.22	2,148	3,580	4,153	3.4	10.5
	9	18	18	-	45	8,200	16,400	16,400	-	24,595	7.21	41,000	12.02	45,100	13.22	2,148	3,580	4,153	3.4	10.5
	12	18	18	-	48	10,250	15,375	15,375	-	24,595	7.21	41,000	12.02	45,100	13.22	2,148	3,580	4,153	3.4	10.5
Four Units	9	9	9	9	36	10,250	10,250	10,250	10,250	24,595	7.21	41,000	12.02	45,100	13.22	2,148	3,580	4,153	3.4	10.5
	9	9	9	12	39	9,462	9,462	9,462	12,615	24,595	7.21	41,000	12.02	45,100	13.22	2,148	3,580	4,153	3.4	10.5
	9	9	12	12	42	8,786	8,786	11,714	11,714	24,595	7.21	41,000	12.02	45,100	13.22	2,148	3,580	4,153	3.4	10.5
	9	12	12	12	45	8,200	10,933	10,933	10,933	24,595	7.21	41,000	12.02	45,100	13.22	2,148	3,580	4,153	3.4	10.5
	9	9	9	18	45	8,200	8,200	8,200	16,400	24,595	7.21	41,000	12.02	45,100	13.22	2,148	3,580	4,153	3.4	10.5
	9	9	12	18	48	7,688	7,688	10,250	15,374	24,595	7.21	41,000	12.02	45,100	13.22	2,148	3,580	4,153	3.4	10.5
	12	12	12	12	48	10,250	10,250	10,250	10,250	24,595	7.21	41,000	12.02	45,100	13.22	2,148	3,580	4,153	3.4	10.5
Ducted Indoor Units																				
Two Units	9	9	-	-	18	10,350	10,350	-	-	12,418	3.64	20,700	6.07	22,770	6.67	1,302	2,170	2,520	2.8	8.5
	9	12	-	-	21	10,350	13,800	-	-	14,487	4.25	24,150	7.08	26,510	7.77	1,536	2,560	2,973	2.8	8.8
	12	12	-	-	24	13,800	13,800	-	-	16,557	4.85	27,600	8.09	30,360	8.90	1,614	2,690	3,124	3.0	9.0
	9	18	-	-	27	10,350	20,700	-	-	18,626	5.46	31,050	9.10	33,000	9.67	1,812	3,020	3,508	3.0	9.0
	12	18	-	-	30	13,800	20,700	-	-	20,696	6.07	34,500	10.11	36,300	10.64	2,010	3,350	3,891	3.0	9.0
	24	9			33	27,636	10,364	-	-	21,595	6.33	36,000	10.55	38,500	11.28	2,095	3,490	4,124	3.0	9.0
	18	18	-	-	36	19,000	19,000	-	-	22,795	6.68	38,000	11.14	40,000	11.72	2,208	3,680	4,274	3.0	9.0
	24	12	-	-	36	25,333	12,667	-	-	22,795	6.68	38,000	11.14	40,000	11.72	2,208	3,680	4,274	3.0	9.0
Three Units	9	9	9	-	27	10,350	10,350	10,350	-	18,626	5.46	31,050	9.10	34,100	9.99	1,812	3,020	3,508	3.0	9.0
	9	9	12	-	30	10,350	10,350	13,800	-	20,696	6.07	34,500	10.11	37,400	10.96	2,010	3,350	3,891	3.0	9.0
	9	12	12	-	33	10,350	13,800	13,800	-	22,765	6.67	37,950	11.12	38,500	11.28	2,130	3,550	4,123	3.1	9.2
	12	12	12	-	36	13,667	13,667	13,667	-	24,595	7.21	41,000	12.02	45,100	13.22	2,232	3,720	4,321	3.2	9.5
	9	9	18	-	36	10,250	10,250	20,500	-	24,595	7.21	41,000	12.02	45,100	13.22	2,232	3,720	4,321	3.2	9.5
	9	12	18	-	39	9,462	12,615	18,923	-	24,595	7.21	41,000	12.02	45,100	13.22	2,232	3,720	4,321	3.2	9.5
	12	12	18	-	42	11,714	11,714	17,571	-	24,595	7.21	41,000	12.02	45,100	13.22	2,232	3,720	4,321	3.2	9.5
	9	18	18	-	45	8,200	16,400	16,400	-	24,595	7.21	41,000	12.02	45,100	13.22	2,232	3,720	4,321	3.2	9.5
	12	18	18	-	48	10,250	15,375	15,375	-	24,595	7.21	41,000	12.02	45,100	13.22	2,232	3,720	4,321	3.2	9.5
Four Units	9	9	9	9	36	10,250	10,250	10,250	10,250	24,595	7.21	41,000	12.02	45,100	13.22	2,232	3,720	4,321	3.2	9.5
	9	9	9	12	39	9,462	9,462	9,462	12,615	24,595	7.21	41,000	12.02	45,100	13.22	2,232	3,720	4,321	3.2	9.5
	9	9	12	12	42	8,786	8,786	11,714	11,714	24,595	7.21	41,000	12.02	45,100	13.22	2,232	3,720	4,321	3.2	9.5
	9	12	12	12	45	8,200	10,933	10,933	10,933	24,595	7.21	41,000	12.02	45,100	13.22	2,232	3,720	4,321	3.2	9.5
	9	9	9	18	45	8,200	8,200	8,200	16,400	24,595	7.21	41,000	12.02	45,100	13.22	2,232	3,720	4,321	3.2	9.5
	9	9	12	18	48	7,688	7,688	10,250	15,374	24,595	7.21	41,000	12.02	45,100	13.22	2,232	3,720	4,321	3.2	9.5
	12	12	12	12	48	10,250	10,250	10,250	10,250	24,595	7.21	41,000	12.02	45,100	13.22	2,232	3,720	4,321	3.2	9.5

[1]Capacity as rated: 0 ft. above sea level with 25 ft. of refrigerant piping. 0 ft. level difference between outdoor and indoor units.

[2]Heating capacity rating obtained with air entering the indoor unit at 70ºF dry bulb (DB) and 60ºF wet bulb (WB), and outdoor ambient conditions of 47ºF dry bulb (DB) and 43ºF wet bulb (WB).

[3]Wiring cable size must comply with the applicable local and national codes.

[4]The specification may be subject to change without prior notice for purpose of improvement.

[5]At least two indoor units should be connected.

Due to our policy of continuous product innovation, some specifications may change without notification.
©LG Electronics U.S.A., Inc., Englewood Cliffs, NJ. All rights reserved. "LG" is a registered trademark of LG Corp.

PERFORMANCE DATA

Rated Heating Combination Tables

Table 22: LMU369HV with Mixed Indoor Units — Rated Heating Combination Table.

No. of Indoor Units	Indoor Unit Combination (kBtu/h)					Room Capacity				Total Capacity						Input (W)			EER	SEER
	IDU 1	IDU 2	IDU 3	IDU 4	Total	Unit 1 (Btu/h)	Unit 2 (Btu/h)	Unit 3 (Btu/h)	Unit 4 (Btu/h)	Minimum		Rated		Maximum		Min.	Rated	Max.		
										Btu/h	kW	Btu/h	kW	Btu/h	kW					
Mixed Indoor Units																				
Two Units	9	9	-	-	18	10,350	10,350	-	-	12,418	3.64	20,700	6.07	22,770	6.67	1,275	2,125	2,468	2.9	8.9
	9	12	-	-	21	10,350	13,800	-	-	14,487	4.25	24,150	7.08	26,510	7.77	1,530	2,550	2,962	2.8	8.9
	12	12	-	-	24	13,800	13,800	-	-	16,557	4.85	27,600	8.09	30,360	8.90	1,584	2,640	3,066	3.1	9.5
	9	18	-	-	27	10,350	20,700	-	-	18,626	5.46	31,050	9.10	33,000	9.67	1,776	2,960	3,438	3.1	9.5
	12	18	-	-	30	13,800	20,700	-	-	20,696	6.07	34,500	10.11	36,300	10.64	1,971	3,285	3,816	3.1	9.5
	24	9			33	27,636	10,364	-	-	21,595	6.33	36,000	10.55	38,500	11.28	2,054	3,425	4,045	3.1	9.5
	18	18	-	-	36	19,000	19,000	-	-	22,795	6.68	38,000	11.14	40,000	11.72	2,163	3,605	4,187	3.1	9.6
	24	12	-	-	36	25,333	12,667	-	-	22,795	6.68	38,000	11.14	40,000	11.72	2,163	3,605	4,187	3.1	9.6
Three Units	9	9	9	-	27	10,350	10,350	10,350	-	18,626	5.46	31,050	9.10	34,100	9.99	1,776	2,960	3,438	3.1	9.5
	9	9	12	-	30	10,350	10,350	13,800	-	20,696	6.07	34,500	10.11	37,400	10.96	1,971	3,285	3,816	3.1	9.5
	9	12	12	-	33	10,350	13,800	13,800	-	22,765	6.67	37,950	11.12	38,500	11.28	2,085	3,475	4,036	3.2	9.8
	12	12	12	-	36	13,667	13,667	13,667	-	24,595	7.21	41,000	12.02	45,100	13.22	2,190	3,650	4,237	3.3	10.0
	9	9	18	-	36	10,250	10,250	20,500	-	24,595	7.21	41,000	12.02	45,100	13.22	2,190	3,650	4,237	3.3	10.0
	9	12	18	-	39	9,462	12,615	18,923	-	24,595	7.21	41,000	12.02	45,100	13.22	2,190	3,650	4,237	3.3	10.0
	12	12	18	-	42	11,714	11,714	17,571	-	24,595	7.21	41,000	12.02	45,100	13.22	2,190	3,650	4,237	3.3	10.0
	9	18	18	-	45	8,200	16,400	16,400	-	24,595	7.21	41,000	12.02	45,100	13.22	2,190	3,650	4,237	3.3	10.0
	12	18	18	-	48	10,250	15,375	15,375	-	24,595	7.21	41,000	12.02	45,100	13.22	2,190	3,650	4,237	3.3	10.0
Four Units	9	9	9	9	36	10,250	10,250	10,250	10,250	24,595	7.21	41,000	12.02	45,100	13.22	2,190	3,650	4,237	3.3	10.0
	9	9	9	12	39	9,462	9,462	9,462	12,615	24,595	7.21	41,000	12.02	45,100	13.22	2,190	3,650	4,237	3.3	10.0
	9	9	12	12	42	8,786	8,786	11,714	11,714	24,595	7.21	41,000	12.02	45,100	13.22	2,190	3,650	4,237	3.3	10.0
	9	12	12	12	45	8,200	10,933	10,933	10,933	24,595	7.21	41,000	12.02	45,100	13.22	2,190	3,650	4,237	3.3	10.0
	9	9	9	18	45	8,200	8,200	8,200	16,400	24,595	7.21	41,000	12.02	45,100	13.22	2,190	3,650	4,237	3.3	10.0
	9	9	12	18	48	7,688	7,688	10,250	15,374	24,595	7.21	41,000	12.02	45,100	13.22	2,190	3,650	4,237	3.3	10.0
	12	12	12	12	48	10,250	10,250	10,250	10,250	24,595	7.21	41,000	12.02	45,100	13.22	2,190	3,650	4,237	3.3	10.0

[1]Capacity as rated: 0 ft. above sea level with 25 ft. of refrigerant piping.
0 ft. level difference between outdoor and indoor units.

[2]Heating capacity rating obtained with air entering the indoor unit at 70°F dry bulb (DB) and 60°F wet bulb (WB), and outdoor ambient conditions of 47°F dry bulb (DB) and 43°F wet bulb (WB).

[3]Wiring cable size must comply with the applicable local and national codes.

[4]The specification may be subject to change without prior notice for purpose of improvement.

[5]At least two indoor units should be connected.

Due to our policy of continuous product innovation, some specifications may change without notification.
©LG Electronics U.S.A., Inc., Englewood Cliffs, NJ. All rights reserved. "LG" is a registered trademark of LG Corp.

PERFORMANCE DATA

Cooling Capacity Tables

Table 23: LMU187HV Cooling Capacity Table —Non-Ducted Indoor Units.

Connected Indoor Units	Combination Capacity Index	Outdoor Air Temp. (°F DB)	Indoor Air Temp. °F DB / °F WB											
			68 / 57		73 / 61		77 / 64		80 / 67		86 / 72		90 / 75	
			TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
Two (2) Non-Ducted Indoor Units	9 + 9	14	15.29	0.70	16.24	0.73	17.19	0.75	17.88	0.76	19.09	0.77	20.04	0.79
		20	15.28	0.71	16.23	0.74	17.18	0.76	17.86	0.77	19.08	0.79	20.03	0.80
		25	15.27	0.72	16.22	0.75	17.17	0.77	17.85	0.78	19.06	0.80	20.01	0.81
		30	15.26	0.73	16.21	0.76	17.15	0.78	17.84	0.79	19.05	0.81	20.00	0.82
		35	15.25	0.74	16.19	0.77	17.14	0.79	17.82	0.80	19.03	0.82	19.98	0.84
		40	15.23	0.75	16.18	0.78	17.13	0.81	17.81	0.81	19.02	0.83	19.96	0.85
		45	15.22	0.76	16.17	0.79	17.11	0.82	17.80	0.83	19.00	0.84	19.95	0.86
		50	15.21	0.77	16.16	0.80	17.10	0.83	17.78	0.84	18.99	0.85	19.93	0.87
		55	15.20	0.78	16.14	0.81	17.09	0.84	17.77	0.85	18.98	0.86	19.92	0.88
		60	15.19	0.79	16.13	0.82	17.07	0.85	17.76	0.86	18.96	0.87	19.90	0.89
		65	15.18	0.80	16.12	0.83	17.06	0.86	17.74	0.87	18.95	0.89	19.89	0.90
		70	15.16	0.81	16.11	0.84	17.05	0.87	17.73	0.88	18.93	0.90	19.87	0.92
		75	14.80	0.85	15.74	0.89	16.68	0.92	17.36	0.93	18.56	0.95	19.50	0.96
		80	14.43	0.90	15.37	0.93	16.31	0.96	16.99	0.98	18.18	0.99	19.12	1.01
		85	14.07	0.94	15.01	0.98	15.94	1.01	16.62	1.02	17.81	1.04	18.75	1.06
		90	13.71	0.99	14.64	1.02	15.58	1.06	16.25	1.07	17.44	1.09	18.37	1.11
		95	13.32	1.03	14.25	1.07	15.17	1.11	**15.60**	**1.12**	17.03	1.14	17.96	1.16
		100	12.99	1.07	13.92	1.11	14.85	1.15	15.40	1.17	16.71	1.19	17.63	1.21
		105	12.67	1.12	13.60	1.16	14.53	1.20	15.20	1.21	16.38	1.24	17.31	1.26
		110	12.35	1.16	13.27	1.20	14.20	1.25	14.87	1.26	16.06	1.28	16.98	1.31
		115	12.02	1.20	12.95	1.25	13.88	1.29	14.55	1.31	15.73	1.33	16.66	1.36
		118	11.83	1.23	12.75	1.27	13.68	1.32	14.35	1.34	15.54	1.36	16.47	1.39
		122	11.76	1.26	12.69	1.31	13.62	1.36	14.29	1.37	15.47	1.40	16.40	1.43
	9 + 12	14	15.29	0.70	16.24	0.73	17.19	0.75	17.88	0.76	19.09	0.77	20.04	0.79
		20	15.28	0.71	16.23	0.74	17.18	0.76	17.86	0.77	19.08	0.79	20.03	0.80
		25	15.27	0.72	16.22	0.75	17.17	0.77	17.85	0.78	19.06	0.80	20.01	0.81
		30	15.26	0.73	16.21	0.76	17.15	0.78	17.84	0.79	19.05	0.81	20.00	0.82
		35	15.25	0.74	16.19	0.77	17.14	0.79	17.82	0.80	19.03	0.82	19.98	0.84
		40	15.23	0.75	16.18	0.78	17.13	0.81	17.81	0.81	19.02	0.83	19.96	0.85
		45	15.22	0.76	16.17	0.79	17.11	0.82	17.80	0.83	19.00	0.84	19.95	0.86
		50	15.21	0.77	16.16	0.80	17.10	0.83	17.78	0.84	18.99	0.85	19.93	0.87
		55	15.20	0.78	16.14	0.81	17.09	0.84	17.77	0.85	18.98	0.86	19.92	0.88
		60	15.19	0.79	16.13	0.82	17.07	0.85	17.76	0.86	18.96	0.87	19.90	0.89
		65	15.18	0.80	16.12	0.83	17.06	0.86	17.74	0.87	18.95	0.89	19.89	0.90
		70	15.16	0.81	16.11	0.84	17.05	0.87	17.73	0.88	18.93	0.90	19.87	0.92
		75	14.80	0.85	15.74	0.89	16.68	0.92	17.36	0.93	18.56	0.95	19.50	0.96
		80	14.43	0.90	15.37	0.93	16.31	0.96	16.99	0.98	18.18	0.99	19.12	1.01
		85	14.07	0.94	15.01	0.98	15.94	1.01	16.62	1.02	17.81	1.04	18.75	1.06
		90	13.71	0.99	14.64	1.02	15.58	1.06	16.25	1.07	17.44	1.09	18.37	1.11
		95	13.32	1.03	14.25	1.07	15.17	1.11	**15.60**	**1.12**	17.03	1.14	17.96	1.16
		100	12.99	1.07	13.92	1.11	14.85	1.15	15.40	1.17	16.71	1.19	17.63	1.21
		105	12.67	1.12	13.60	1.16	14.53	1.20	15.20	1.21	16.38	1.24	17.31	1.26
		110	12.35	1.16	13.27	1.20	14.20	1.25	14.87	1.26	16.06	1.28	16.98	1.31
		115	12.02	1.20	12.95	1.25	13.88	1.29	14.55	1.31	15.73	1.33	16.66	1.36
		118	11.83	1.23	12.75	1.27	13.68	1.32	14.35	1.34	15.54	1.36	16.47	1.39
		122	11.76	1.26	12.69	1.31	13.62	1.36	14.29	1.37	15.47	1.40	16.40	1.43

TC = Total Capacity (kBtu/h).

PI = Power Input (kW).

Nominal capacity as rated: 0 ft. above sea level with 25 ft. of refrigerant piping.
0 ft. level difference between outdoor and indoor units.

Nominal cooling capacity rating obtained with air entering the indoor unit at 80ºF dry bulb (DB) and 67ºF wet bulb (WB), and outdoor ambient conditions of 95ºF dry bulb (DB) and 75ºF wet bulb (WB).

The shaded table rows indicate reference data. When operating at this temperature, these values can be different if the system is not running consistently.

Due to our policy of continuous product innovation, some specifications may change without notification.
©LG Electronics U.S.A., Inc., Englewood Cliffs, NJ. All rights reserved. "LG" is a registered trademark of LG Corp.

PERFORMANCE DATA

Cooling Capacity Tables

Table 24: LMU187HV Cooling Capacity Table —Non-Ducted (continued) / Ducted Indoor Units.

Connected Indoor Units	Combination Capacity Index	Outdoor Air Temp. (°F DB)	Indoor Air Temp. °F DB / °F WB											
			68 / 57		73 / 61		77 / 64		80 / 67		86 / 72		90 / 75	
			TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
Two (2) Non-Ducted Indoor Units	12 + 12	14	15.29	0.70	16.24	0.73	17.19	0.75	17.88	0.76	19.09	0.77	20.04	0.79
		20	15.28	0.71	16.23	0.74	17.18	0.76	17.86	0.77	19.08	0.79	20.03	0.80
		25	15.27	0.72	16.22	0.75	17.17	0.77	17.85	0.78	19.06	0.80	20.01	0.81
		30	15.26	0.73	16.21	0.76	17.15	0.78	17.84	0.79	19.05	0.81	20.00	0.82
		35	15.25	0.74	16.19	0.77	17.14	0.79	17.82	0.80	19.03	0.82	19.98	0.84
		40	15.23	0.75	16.18	0.78	17.13	0.81	17.81	0.81	19.02	0.83	19.96	0.85
		45	15.22	0.76	16.17	0.79	17.11	0.82	17.80	0.83	19.00	0.84	19.95	0.86
		50	15.21	0.77	16.16	0.80	17.10	0.83	17.78	0.84	18.99	0.85	19.93	0.87
		55	15.20	0.78	16.14	0.81	17.09	0.84	17.77	0.85	18.98	0.86	19.92	0.88
		60	15.19	0.79	16.13	0.82	17.07	0.85	17.76	0.86	18.96	0.87	19.90	0.89
		65	15.18	0.80	16.12	0.83	17.06	0.86	17.74	0.87	18.95	0.89	19.89	0.90
		70	15.16	0.81	16.11	0.84	17.05	0.87	17.73	0.88	18.93	0.90	19.87	0.92
		75	14.80	0.85	15.74	0.89	16.68	0.92	17.36	0.93	18.56	0.95	19.50	0.96
		80	14.43	0.90	15.37	0.93	16.31	0.96	16.99	0.98	18.18	0.99	19.12	1.01
		85	14.07	0.94	15.01	0.98	15.94	1.01	16.62	1.02	17.81	1.04	18.75	1.06
		90	13.71	0.99	14.64	1.02	15.58	1.06	16.25	1.07	17.44	1.09	18.37	1.11
		95	13.32	1.03	14.25	1.07	15.17	1.11	**15.60**	**1.12**	17.03	1.14	17.96	1.16
		100	12.99	1.07	13.92	1.11	14.85	1.15	15.40	1.17	16.71	1.19	17.63	1.21
		105	12.67	1.12	13.60	1.16	14.53	1.20	15.20	1.21	16.38	1.24	17.31	1.26
		110	12.35	1.16	13.27	1.20	14.20	1.25	14.87	1.26	16.06	1.28	16.98	1.31
		115	12.02	1.20	12.95	1.25	13.88	1.29	14.55	1.31	15.73	1.33	16.66	1.36
		118	11.83	1.23	12.75	1.27	13.68	1.32	14.35	1.34	15.54	1.36	16.47	1.39
		122	11.76	1.26	12.69	1.31	13.62	1.36	14.29	1.37	15.47	1.40	16.40	1.43
Two (2) Ducted Indoor Units	9 + 9	14	14.51	0.78	15.41	0.81	16.31	0.84	16.96	0.85	18.11	0.86	19.01	0.88
		20	14.50	0.79	15.40	0.82	16.30	0.85	16.95	0.86	18.10	0.87	19.00	0.89
		25	14.49	0.80	15.39	0.83	16.29	0.86	16.94	0.87	18.08	0.89	18.98	0.90
		30	14.48	0.81	15.37	0.84	16.27	0.87	16.92	0.88	18.07	0.90	18.97	0.92
		35	14.46	0.82	15.36	0.85	16.26	0.88	16.91	0.89	18.06	0.91	18.96	0.93
		40	14.45	0.83	15.35	0.86	16.25	0.90	16.90	0.91	18.04	0.92	18.94	0.94
		45	14.44	0.85	15.34	0.88	16.24	0.91	16.88	0.92	18.03	0.94	18.93	0.95
		50	14.43	0.86	15.33	0.89	16.22	0.92	16.87	0.93	18.02	0.95	18.91	0.97
		55	14.42	0.87	15.32	0.90	16.21	0.93	16.86	0.94	18.00	0.96	18.90	0.98
		60	14.41	0.88	15.30	0.91	16.20	0.94	16.84	0.96	17.99	0.97	18.88	0.99
		65	14.40	0.89	15.29	0.92	16.19	0.96	16.83	0.97	17.97	0.99	18.87	1.01
		70	14.39	0.90	15.28	0.93	16.17	0.97	16.82	0.98	17.96	1.00	18.85	1.02
		75	14.04	0.95	14.93	0.98	15.82	1.02	16.47	1.03	17.61	1.05	18.50	1.07
		80	13.69	1.00	14.58	1.04	15.47	1.07	16.11	1.09	17.25	1.11	18.14	1.13
		85	13.35	1.05	14.24	1.09	15.12	1.13	15.77	1.14	16.90	1.16	17.79	1.18
		90	13.01	1.10	13.89	1.14	14.78	1.18	15.42	1.19	16.55	1.21	17.43	1.24
		95	12.64	1.14	13.52	1.19	14.40	1.23	**14.80**	**1.24**	16.16	1.27	17.04	1.29
		100	12.33	1.19	13.21	1.24	14.09	1.28	14.61	1.30	15.85	1.32	16.73	1.35
		105	12.02	1.24	12.90	1.29	13.78	1.33	14.42	1.35	15.54	1.37	16.42	1.40
		110	11.71	1.29	12.59	1.34	13.47	1.39	14.11	1.40	15.23	1.43	16.11	1.46
		115	11.40	1.34	12.29	1.39	13.17	1.44	13.80	1.46	14.93	1.48	15.81	1.51
		118	11.22	1.37	12.10	1.42	12.98	1.47	13.62	1.49	14.74	1.51	15.62	1.55
		122	11.16	1.41	12.04	1.46	12.92	1.51	13.55	1.53	14.68	1.56	15.56	1.59

TC = Total Capacity (kBtu/h).

PI = Power Input (kW).

Nominal capacity as rated: 0 ft. above sea level with 25 ft. of refrigerant piping.
0 ft. level difference between outdoor and indoor units.

Nominal cooling capacity rating obtained with air entering the indoor unit at 80ºF dry bulb (DB) and 67ºF wet bulb (WB), and outdoor ambient conditions of 95ºF dry bulb (DB) and 75ºF wet bulb (WB).

The shaded table rows indicate reference data. When operating at this temperature, these values can be different if the system is not running consistently.

Due to our policy of continuous product innovation, some specifications may change without notification.
©LG Electronics U.S.A., Inc., Englewood Cliffs, NJ. All rights reserved. "LG" is a registered trademark of LG Corp.

PERFORMANCE DATA

Cooling Capacity Tables

Table 25: LMU187HV Cooling Capacity Table —Ducted Indoor Units (continued).

Connected Indoor Units	Combination Capacity Index	Outdoor Air Temp. (°F DB)	Indoor Air Temp. °F DB / °F WB											
			68 / 57		73 / 61		77 / 64		80 / 67		86 / 72		90 / 75	
			TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
Two (2) Ducted Indoor Units	9 + 12	14	14.51	0.78	15.41	0.81	16.31	0.84	16.96	0.85	18.11	0.86	19.01	0.88
		20	14.50	0.79	15.40	0.82	16.30	0.85	16.95	0.86	18.10	0.87	19.00	0.89
		25	14.49	0.80	15.39	0.83	16.29	0.86	16.94	0.87	18.08	0.89	18.98	0.90
		30	14.48	0.81	15.37	0.84	16.27	0.87	16.92	0.88	18.07	0.90	18.97	0.92
		35	14.46	0.82	15.36	0.85	16.26	0.88	16.91	0.89	18.06	0.91	18.96	0.93
		40	14.45	0.83	15.35	0.86	16.25	0.90	16.90	0.91	18.04	0.92	18.94	0.94
		45	14.44	0.85	15.34	0.88	16.24	0.91	16.88	0.92	18.03	0.94	18.93	0.95
		50	14.43	0.86	15.33	0.89	16.22	0.92	16.87	0.93	18.02	0.95	18.91	0.97
		55	14.42	0.87	15.32	0.90	16.21	0.93	16.86	0.94	18.00	0.96	18.90	0.98
		60	14.41	0.88	15.30	0.91	16.20	0.94	16.84	0.96	17.99	0.97	18.88	0.99
		65	14.40	0.89	15.29	0.92	16.19	0.96	16.83	0.97	17.97	0.99	18.87	1.01
		70	14.39	0.90	15.28	0.93	16.17	0.97	16.82	0.98	17.96	1.00	18.85	1.02
		75	14.04	0.95	14.93	0.98	15.82	1.02	16.47	1.03	17.61	1.05	18.50	1.07
		80	13.69	1.00	14.58	1.04	15.47	1.07	16.11	1.09	17.25	1.11	18.14	1.13
		85	13.35	1.05	14.24	1.09	15.12	1.13	15.77	1.14	16.90	1.16	17.79	1.18
		90	13.01	1.10	13.89	1.14	14.78	1.18	15.42	1.19	16.55	1.21	17.43	1.24
		95	12.64	1.14	13.52	1.19	14.40	1.23	**14.80**	**1.24**	16.16	1.27	17.04	1.29
		100	12.33	1.19	13.21	1.24	14.09	1.28	14.61	1.30	15.85	1.32	16.73	1.35
		105	12.02	1.24	12.90	1.29	13.78	1.33	14.42	1.35	15.54	1.37	16.42	1.40
		110	11.71	1.29	12.59	1.34	13.47	1.39	14.11	1.40	15.23	1.43	16.11	1.46
		115	11.40	1.34	12.29	1.39	13.17	1.44	13.80	1.46	14.93	1.48	15.81	1.51
		118	11.22	1.37	12.10	1.42	12.98	1.47	13.62	1.49	14.74	1.51	15.62	1.55
		122	11.16	1.41	12.04	1.46	12.92	1.51	13.55	1.53	14.68	1.56	15.56	1.59
	12 + 12	14	14.51	0.78	15.41	0.81	16.31	0.84	16.96	0.85	18.11	0.86	19.01	0.88
		20	14.50	0.79	15.40	0.82	16.30	0.85	16.95	0.86	18.10	0.87	19.00	0.89
		25	14.49	0.80	15.39	0.83	16.29	0.86	16.94	0.87	18.08	0.89	18.98	0.90
		30	14.48	0.81	15.37	0.84	16.27	0.87	16.92	0.88	18.07	0.90	18.97	0.92
		35	14.46	0.82	15.36	0.85	16.26	0.88	16.91	0.89	18.06	0.91	18.96	0.93
		40	14.45	0.83	15.35	0.86	16.25	0.90	16.90	0.91	18.04	0.92	18.94	0.94
		45	14.44	0.85	15.34	0.88	16.24	0.91	16.88	0.92	18.03	0.94	18.93	0.95
		50	14.43	0.86	15.33	0.89	16.22	0.92	16.87	0.93	18.02	0.95	18.91	0.97
		55	14.42	0.87	15.32	0.90	16.21	0.93	16.86	0.94	18.00	0.96	18.90	0.98
		60	14.41	0.88	15.30	0.91	16.20	0.94	16.84	0.96	17.99	0.97	18.88	0.99
		65	14.40	0.89	15.29	0.92	16.19	0.96	16.83	0.97	17.97	0.99	18.87	1.01
		70	14.39	0.90	15.28	0.93	16.17	0.97	16.82	0.98	17.96	1.00	18.85	1.02
		75	14.04	0.95	14.93	0.98	15.82	1.02	16.47	1.03	17.61	1.05	18.50	1.07
		80	13.69	1.00	14.58	1.04	15.47	1.07	16.11	1.09	17.25	1.11	18.14	1.13
		85	13.35	1.05	14.24	1.09	15.12	1.13	15.77	1.14	16.90	1.16	17.79	1.18
		90	13.01	1.10	13.89	1.14	14.78	1.18	15.42	1.19	16.55	1.21	17.43	1.24
		95	12.64	1.14	13.52	1.19	14.40	1.23	**14.80**	**1.24**	16.16	1.27	17.04	1.29
		100	12.33	1.19	13.21	1.24	14.09	1.28	14.61	1.30	15.85	1.32	16.73	1.35
		105	12.02	1.24	12.90	1.29	13.78	1.33	14.42	1.35	15.54	1.37	16.42	1.40
		110	11.71	1.29	12.59	1.34	13.47	1.39	14.11	1.40	15.23	1.43	16.11	1.46
		115	11.40	1.34	12.29	1.39	13.17	1.44	13.80	1.46	14.93	1.48	15.81	1.51
		118	11.22	1.37	12.10	1.42	12.98	1.47	13.62	1.49	14.74	1.51	15.62	1.55
		122	11.16	1.41	12.04	1.46	12.92	1.51	13.55	1.53	14.68	1.56	15.56	1.59

TC = Total Capacity (kBtu/h).

PI = Power Input (kW).

Nominal capacity as rated: 0 ft. above sea level with 25 ft. of refrigerant piping.
0 ft. level difference between outdoor and indoor units.

Nominal cooling capacity rating obtained with air entering the indoor unit at 80ºF dry bulb (DB) and 67ºF wet bulb (WB), and outdoor ambient conditions of 95ºF dry bulb (DB) and 75ºF wet bulb (WB).

The shaded table rows indicate reference data. When operating at this temperature, these values can be different if the system is not running consistently.

Due to our policy of continuous product innovation, some specifications may change without notification.
©LG Electronics U.S.A., Inc., Englewood Cliffs, NJ. All rights reserved. "LG" is a registered trademark of LG Corp.

PERFORMANCE DATA

Cooling Capacity Tables

Table 26: LMU187HV Cooling Capacity Table —Mixed Indoor Units.

Connected Indoor Units	Combination Capacity Index	Outdoor Air Temp. (°F DB)	Indoor Air Temp. °F DB / °F WB											
			68 / 57		73 / 61		77 / 64		80 / 67		86 / 72		90 / 75	
			TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
Two (2) Mixed Indoor Units	9 + 9	14	14.90	0.74	15.83	0.77	16.75	0.79	17.42	0.80	18.60	0.82	19.53	0.83
		20	14.89	0.75	15.81	0.78	16.74	0.81	17.41	0.81	18.59	0.83	19.51	0.85
		25	14.88	0.76	15.80	0.79	16.73	0.82	17.39	0.83	18.57	0.84	19.50	0.86
		30	14.87	0.77	15.79	0.80	16.71	0.83	17.38	0.84	18.56	0.85	19.48	0.87
		35	14.86	0.78	15.78	0.81	16.70	0.84	17.37	0.85	18.55	0.87	19.47	0.88
		40	14.84	0.79	15.77	0.82	16.69	0.85	17.35	0.86	18.53	0.88	19.45	0.89
		45	14.83	0.80	15.75	0.83	16.67	0.86	17.34	0.87	18.52	0.89	19.44	0.91
		50	14.82	0.81	15.74	0.84	16.66	0.87	17.33	0.88	18.50	0.90	19.42	0.92
		55	14.81	0.82	15.73	0.85	16.65	0.89	17.31	0.90	18.49	0.91	19.41	0.93
		60	14.80	0.83	15.72	0.87	16.64	0.90	17.30	0.91	18.47	0.92	19.39	0.94
		65	14.79	0.85	15.71	0.88	16.62	0.91	17.29	0.92	18.46	0.94	19.38	0.95
		70	14.78	0.86	15.69	0.89	16.61	0.92	17.27	0.93	18.45	0.95	19.36	0.97
		75	14.42	0.90	15.34	0.93	16.25	0.97	16.91	0.98	18.08	1.00	19.00	1.02
		80	14.06	0.95	14.98	0.98	15.89	1.02	16.55	1.03	17.72	1.05	18.63	1.07
		85	13.71	0.99	14.62	1.03	15.53	1.07	16.19	1.08	17.36	1.10	18.27	1.12
		90	13.36	1.04	14.27	1.08	15.18	1.12	15.83	1.13	16.99	1.15	17.90	1.18
		95	12.98	1.09	13.88	1.13	14.79	1.17	**15.20**	**1.18**	16.59	1.20	17.50	1.23
		100	12.66	1.13	13.57	1.17	14.47	1.22	15.00	1.23	16.28	1.25	17.18	1.28
		105	12.35	1.18	13.25	1.22	14.15	1.27	14.81	1.28	15.96	1.31	16.87	1.33
		110	12.03	1.23	12.93	1.27	13.84	1.32	14.49	1.33	15.65	1.36	16.55	1.38
		115	11.71	1.27	12.62	1.32	13.52	1.37	14.17	1.38	15.33	1.41	16.23	1.44
		118	11.52	1.30	12.43	1.35	13.33	1.40	13.98	1.41	15.14	1.44	16.04	1.47
		122	11.46	1.34	12.36	1.38	13.27	1.44	13.92	1.45	15.08	1.48	15.98	1.51
	9 + 12	14	14.90	0.74	15.83	0.77	16.75	0.79	17.42	0.80	18.60	0.82	19.53	0.83
		20	14.89	0.75	15.81	0.78	16.74	0.81	17.41	0.81	18.59	0.83	19.51	0.85
		25	14.88	0.76	15.80	0.79	16.73	0.82	17.39	0.83	18.57	0.84	19.50	0.86
		30	14.87	0.77	15.79	0.80	16.71	0.83	17.38	0.84	18.56	0.85	19.48	0.87
		35	14.86	0.78	15.78	0.81	16.70	0.84	17.37	0.85	18.55	0.87	19.47	0.88
		40	14.84	0.79	15.77	0.82	16.69	0.85	17.35	0.86	18.53	0.88	19.45	0.89
		45	14.83	0.80	15.75	0.83	16.67	0.86	17.34	0.87	18.52	0.89	19.44	0.91
		50	14.82	0.81	15.74	0.84	16.66	0.87	17.33	0.88	18.50	0.90	19.42	0.92
		55	14.81	0.82	15.73	0.85	16.65	0.89	17.31	0.90	18.49	0.91	19.41	0.93
		60	14.80	0.83	15.72	0.87	16.64	0.90	17.30	0.91	18.47	0.92	19.39	0.94
		65	14.79	0.85	15.71	0.88	16.62	0.91	17.29	0.92	18.46	0.94	19.38	0.95
		70	14.78	0.86	15.69	0.89	16.61	0.92	17.27	0.93	18.45	0.95	19.36	0.97
		75	14.42	0.90	15.34	0.93	16.25	0.97	16.91	0.98	18.08	1.00	19.00	1.02
		80	14.06	0.95	14.98	0.98	15.89	1.02	16.55	1.03	17.72	1.05	18.63	1.07
		85	13.71	0.99	14.62	1.03	15.53	1.07	16.19	1.08	17.36	1.10	18.27	1.12
		90	13.36	1.04	14.27	1.08	15.18	1.12	15.83	1.13	16.99	1.15	17.90	1.18
		95	12.98	1.09	13.88	1.13	14.79	1.17	**15.20**	**1.18**	16.59	1.20	17.50	1.23
		100	12.66	1.13	13.57	1.17	14.47	1.22	15.00	1.23	16.28	1.25	17.18	1.28
		105	12.35	1.18	13.25	1.22	14.15	1.27	14.81	1.28	15.96	1.31	16.87	1.33
		110	12.03	1.23	12.93	1.27	13.84	1.32	14.49	1.33	15.65	1.36	16.55	1.38
		115	11.71	1.27	12.62	1.32	13.52	1.37	14.17	1.38	15.33	1.41	16.23	1.44
		118	11.52	1.30	12.43	1.35	13.33	1.40	13.98	1.41	15.14	1.44	16.04	1.47
		122	11.46	1.34	12.36	1.38	13.27	1.44	13.92	1.45	15.08	1.48	15.98	1.51

TC = Total Capacity (kBtu/h).

PI = Power Input (kW).

Nominal capacity as rated: 0 ft. above sea level with 25 ft. of refrigerant piping.
0 ft. level difference between outdoor and indoor units.

Nominal cooling capacity rating obtained with air entering the indoor unit at 80ºF dry bulb (DB) and 67ºF wet bulb (WB), and outdoor ambient conditions of 95ºF dry bulb (DB) and 75ºF wet bulb (WB).

The shaded table rows indicate reference data. When operating at this temperature, these values can be different if the system is not running consistently.

Due to our policy of continuous product innovation, some specifications may change without notification.
©LG Electronics U.S.A., Inc., Englewood Cliffs, NJ. All rights reserved. "LG" is a registered trademark of LG Corp.

PERFORMANCE DATA

Cooling Capacity Tables

Table 27: LMU187HV Cooling Capacity Table —Mixed Indoor Units (continued).

Connected Indoor Units	Combination Capacity Index	Outdoor Air Temp. (°F DB)	Indoor Air Temp. °F DB / °F WB											
			68 / 57		73 / 61		77 / 64		80 / 67		86 / 72		90 / 75	
			TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
Two (2) Mixed Indoor Units	12 + 12	14	14.90	0.74	15.83	0.77	16.75	0.79	17.42	0.80	18.60	0.82	19.53	0.83
		20	14.89	0.75	15.81	0.78	16.74	0.81	17.41	0.81	18.59	0.83	19.51	0.85
		25	14.88	0.76	15.80	0.79	16.73	0.82	17.39	0.83	18.57	0.84	19.50	0.86
		30	14.87	0.77	15.79	0.80	16.71	0.83	17.38	0.84	18.56	0.85	19.48	0.87
		35	14.86	0.78	15.78	0.81	16.70	0.84	17.37	0.85	18.55	0.87	19.47	0.88
		40	14.84	0.79	15.77	0.82	16.69	0.85	17.35	0.86	18.53	0.88	19.45	0.89
		45	14.83	0.80	15.75	0.83	16.67	0.86	17.34	0.87	18.52	0.89	19.44	0.91
		50	14.82	0.81	15.74	0.84	16.66	0.87	17.33	0.88	18.50	0.90	19.42	0.92
		55	14.81	0.82	15.73	0.85	16.65	0.89	17.31	0.90	18.49	0.91	19.41	0.93
		60	14.80	0.83	15.72	0.87	16.64	0.90	17.30	0.91	18.47	0.92	19.39	0.94
		65	14.79	0.85	15.71	0.88	16.62	0.91	17.29	0.92	18.46	0.94	19.38	0.95
		70	14.78	0.86	15.69	0.89	16.61	0.92	17.27	0.93	18.45	0.95	19.36	0.97
		75	14.42	0.90	15.34	0.93	16.25	0.97	16.91	0.98	18.08	1.00	19.00	1.02
		80	14.06	0.95	14.98	0.98	15.89	1.02	16.55	1.03	17.72	1.05	18.63	1.07
		85	13.71	0.99	14.62	1.03	15.53	1.07	16.19	1.08	17.36	1.10	18.27	1.12
		90	13.36	1.04	14.27	1.08	15.18	1.12	15.83	1.13	16.99	1.15	17.90	1.18
		95	12.98	1.09	13.88	1.13	14.79	1.17	**15.20**	**1.18**	16.59	1.20	17.50	1.23
		100	12.66	1.13	13.57	1.17	14.47	1.22	15.00	1.23	16.28	1.25	17.18	1.28
		105	12.35	1.18	13.25	1.22	14.15	1.27	14.81	1.28	15.96	1.31	16.87	1.33
		110	12.03	1.23	12.93	1.27	13.84	1.32	14.49	1.33	15.65	1.36	16.55	1.38
		115	11.71	1.27	12.62	1.32	13.52	1.37	14.17	1.38	15.33	1.41	16.23	1.44
		118	11.52	1.30	12.43	1.35	13.33	1.40	13.98	1.41	15.14	1.44	16.04	1.47
		122	11.46	1.34	12.36	1.38	13.27	1.44	13.92	1.45	15.08	1.48	15.98	1.51

TC = Total Capacity (kBtu/h).

PI = Power Input (kW).

Nominal capacity as rated: 0 ft. above sea level with 25 ft. of refrigerant piping.
0 ft. level difference between outdoor and indoor units.

Nominal cooling capacity rating obtained with air entering the indoor unit at 80ºF dry bulb (DB) and 67ºF wet bulb (WB), and outdoor ambient conditions of 95ºF dry bulb (DB) and 75ºF wet bulb (WB).

The shaded table rows indicate reference data. When operating at this temperature, these values can be different if the system is not running consistently.

Due to our policy of continuous product innovation, some specifications may change without notification.
©LG Electronics U.S.A., Inc., Englewood Cliffs, NJ. All rights reserved. "LG" is a registered trademark of LG Corp.

Table 28: LMU247HV Cooling Capacity Table — Non-Ducted Indoor Units.

Connected Indoor Units	Combination Capacity Index	Outdoor Air Temp. (°F DB)	Indoor Air Temp. °F DB / °F WB											
			68 / 57		73 / 61		77 / 64		80 / 67		86 / 72		90 / 75	
			TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
Two (2) Non-Ducted Indoor Units	9 + 9	14	16.67	0.84	17.70	0.88	18.74	0.91	19.48	0.92	20.80	0.93	21.84	0.95
		20	16.65	0.86	17.69	0.89	18.72	0.92	19.47	0.93	20.79	0.95	21.82	0.97
		25	16.64	0.87	17.67	0.90	18.71	0.93	19.45	0.94	20.77	0.96	21.81	0.98
		30	16.63	0.88	17.66	0.91	18.69	0.95	19.44	0.96	20.76	0.97	21.79	0.99
		35	16.61	0.89	17.65	0.93	18.68	0.96	19.42	0.97	20.74	0.99	21.77	1.01
		40	16.60	0.90	17.63	0.94	18.66	0.97	19.41	0.98	20.73	1.00	21.76	1.02
		45	16.59	0.92	17.62	0.95	18.65	0.99	19.39	1.00	20.71	1.02	21.74	1.04
		50	16.58	0.93	17.61	0.96	18.63	1.00	19.38	1.01	20.69	1.03	21.72	1.05
		55	16.56	0.94	17.59	0.98	18.62	1.01	19.36	1.02	20.68	1.04	21.71	1.06
		60	16.55	0.95	17.58	0.99	18.61	1.02	19.35	1.04	20.66	1.06	21.69	1.08
		65	16.54	0.97	17.57	1.00	18.59	1.04	19.33	1.05	20.65	1.07	21.67	1.09
		70	16.53	0.98	17.55	1.01	18.58	1.05	19.32	1.06	20.63	1.08	21.66	1.10
		75	16.13	1.03	17.15	1.07	18.18	1.11	18.91	1.12	20.22	1.14	21.25	1.16
		80	15.73	1.08	16.75	1.12	17.77	1.16	18.51	1.18	19.81	1.20	20.84	1.22
		85	15.34	1.14	16.35	1.18	17.37	1.22	18.11	1.23	19.41	1.26	20.43	1.28
		90	14.94	1.19	15.96	1.23	16.97	1.28	17.71	1.29	19.01	1.32	20.02	1.34
		95	14.51	1.24	15.52	1.29	16.54	1.33	**17.00**	**1.35**	18.56	1.37	19.57	1.40
		100	14.16	1.29	15.17	1.34	16.18	1.39	16.78	1.41	18.20	1.43	19.22	1.46
		105	13.81	1.35	14.82	1.40	15.83	1.45	16.56	1.46	17.85	1.49	18.86	1.52
		110	13.45	1.40	14.46	1.45	15.48	1.50	16.21	1.52	17.50	1.55	18.51	1.58
		115	13.10	1.45	14.11	1.51	15.12	1.56	15.85	1.58	17.14	1.61	18.16	1.64
		118	12.89	1.48	13.90	1.54	14.91	1.59	15.64	1.61	16.93	1.64	17.94	1.68
		122	12.82	1.53	13.83	1.58	14.84	1.64	15.57	1.66	16.86	1.69	17.87	1.72
	9 + 12	14	17.35	0.87	18.43	0.90	19.51	0.93	20.28	0.94	21.66	0.96	22.74	0.98
		20	17.34	0.88	18.41	0.91	19.49	0.94	20.27	0.95	21.65	0.97	22.72	0.99
		25	17.32	0.89	18.40	0.92	19.48	0.96	20.25	0.97	21.63	0.99	22.70	1.01
		30	17.31	0.90	18.39	0.94	19.46	0.97	20.24	0.98	21.61	1.00	22.69	1.02
		35	17.30	0.92	18.37	0.95	19.45	0.98	20.22	0.99	21.60	1.01	22.67	1.03
		40	17.29	0.93	18.36	0.96	19.43	1.00	20.21	1.01	21.58	1.03	22.65	1.05
		45	17.27	0.94	18.34	0.97	19.42	1.01	20.19	1.02	21.56	1.04	22.64	1.06
		50	17.26	0.95	18.33	0.99	19.40	1.02	20.18	1.04	21.55	1.05	22.62	1.08
		55	17.25	0.96	18.32	1.00	19.39	1.04	20.16	1.05	21.53	1.07	22.60	1.09
		60	17.23	0.98	18.30	1.01	19.37	1.05	20.15	1.06	21.51	1.08	22.58	1.10
		65	17.22	0.99	18.29	1.03	19.36	1.06	20.13	1.08	21.50	1.10	22.57	1.12
		70	17.21	1.00	18.27	1.04	19.34	1.08	20.11	1.09	21.48	1.11	22.55	1.13
		75	16.79	1.06	17.86	1.09	18.92	1.13	19.69	1.15	21.06	1.17	22.12	1.19
		80	16.38	1.11	17.44	1.15	18.50	1.19	19.27	1.21	20.63	1.23	21.69	1.25
		85	15.97	1.16	17.03	1.21	18.09	1.25	18.85	1.27	20.21	1.29	21.27	1.32
		90	15.56	1.22	16.61	1.26	17.67	1.31	18.44	1.32	19.79	1.35	20.85	1.38
		95	15.11	1.27	16.16	1.32	17.22	1.37	**17.70**	**1.38**	19.32	1.41	20.38	1.44
		100	14.74	1.33	15.80	1.38	16.85	1.43	17.47	1.44	18.95	1.47	20.01	1.50
		105	14.38	1.38	15.43	1.43	16.48	1.48	17.24	1.50	18.59	1.53	19.64	1.56
		110	14.01	1.43	15.06	1.49	16.11	1.54	16.87	1.56	18.22	1.59	19.27	1.62
		115	13.64	1.49	14.69	1.54	15.75	1.60	16.51	1.62	17.85	1.65	18.90	1.68
		118	13.42	1.52	14.47	1.58	15.52	1.63	16.28	1.65	17.63	1.68	18.68	1.72
		122	13.35	1.56	14.40	1.62	15.45	1.68	16.21	1.70	17.56	1.73	18.61	1.77

TC = Total Capacity (kBtu/h).

PI = Power Input (kW).

Nominal capacity as rated: 0 ft. above sea level with 25 ft. of refrigerant piping.
0 ft. level difference between outdoor and indoor units.

Nominal cooling capacity rating obtained with air entering the indoor unit at 80°F dry bulb (DB) and 67°F wet bulb (WB), and outdoor ambient conditions of 95°F dry bulb (DB) and 75°F wet bulb (WB).

The shaded table rows indicate reference data. When operating at this temperature, these values can be different if the system is not running consistently.

Due to our policy of continuous product innovation, some specifications may change without notification.
©LG Electronics U.S.A., Inc., Englewood Cliffs, NJ. All rights reserved. "LG" is a registered trademark of LG Corp.

PERFORMANCE DATA

Cooling Capacity Tables

Table 29: LMU247HV Cooling Capacity Table — Non-Ducted Indoor Units (continued).

Connected Indoor Units	Combination Capacity Index	Outdoor Air Temp. (°F DB)	Indoor Air Temp. °F DB / °F WB											
			68 / 57		73 / 61		77 / 64		80 / 67		86 / 72		90 / 75	
			TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
Two (2) Non-Ducted Indoor Units	12 + 12	14	18.82	0.92	19.99	0.95	21.16	0.99	22.00	1.00	23.50	1.02	24.67	1.04
		20	18.81	0.93	19.98	0.97	21.14	1.00	21.99	1.01	23.48	1.03	24.65	1.05
		25	18.79	0.95	19.96	0.98	21.13	1.02	21.97	1.03	23.46	1.05	24.63	1.07
		30	18.78	0.96	19.94	0.99	21.11	1.03	21.95	1.04	23.44	1.06	24.61	1.08
		35	18.76	0.97	19.93	1.01	21.09	1.04	21.94	1.06	23.43	1.08	24.59	1.10
		40	18.75	0.99	19.91	1.02	21.08	1.06	21.92	1.07	23.41	1.09	24.57	1.11
		45	18.74	1.00	19.90	1.04	21.06	1.07	21.90	1.09	23.39	1.11	24.55	1.13
		50	18.72	1.01	19.88	1.05	21.05	1.09	21.89	1.10	23.37	1.12	24.53	1.14
		55	18.71	1.02	19.87	1.06	21.03	1.10	21.87	1.11	23.35	1.13	24.52	1.16
		60	18.69	1.04	19.85	1.08	21.01	1.12	21.85	1.13	23.34	1.15	24.50	1.17
		65	18.68	1.05	19.84	1.09	21.00	1.13	21.84	1.14	23.32	1.16	24.48	1.19
		70	18.66	1.06	19.82	1.10	20.98	1.14	21.82	1.16	23.30	1.18	24.46	1.20
		75	18.21	1.12	19.37	1.16	20.53	1.21	21.36	1.22	22.84	1.24	24.00	1.27
		80	17.77	1.18	18.92	1.22	20.07	1.27	20.91	1.28	22.38	1.31	23.53	1.33
		85	17.32	1.24	18.47	1.28	19.62	1.33	20.45	1.34	21.92	1.37	23.07	1.40
		90	16.88	1.29	18.02	1.34	19.17	1.39	20.00	1.41	21.47	1.43	22.61	1.46
		95	16.39	1.35	17.53	1.40	18.68	1.45	**19.20**	**1.47**	20.96	1.50	22.10	1.53
		100	15.99	1.41	17.13	1.46	18.28	1.51	18.95	1.53	20.56	1.56	21.70	1.59
		105	15.59	1.47	16.74	1.52	17.88	1.58	18.70	1.59	20.16	1.62	21.30	1.66
		110	15.19	1.52	16.34	1.58	17.48	1.64	18.30	1.66	19.76	1.69	20.90	1.72
		115	14.80	1.58	15.94	1.64	17.08	1.70	17.90	1.72	19.36	1.75	20.51	1.79
		118	14.56	1.62	15.70	1.67	16.84	1.74	17.66	1.76	19.12	1.79	20.27	1.82
		122	14.48	1.66	15.62	1.72	16.76	1.79	17.58	1.81	19.04	1.84	20.19	1.88
	9 + 18	14	18.82	0.92	19.99	0.95	21.16	0.99	22.00	1.00	23.50	1.02	24.67	1.04
		20	18.81	0.93	19.98	0.97	21.14	1.00	21.99	1.01	23.48	1.03	24.65	1.05
		25	18.79	0.95	19.96	0.98	21.13	1.02	21.97	1.03	23.46	1.05	24.63	1.07
		30	18.78	0.96	19.94	0.99	21.11	1.03	21.95	1.04	23.44	1.06	24.61	1.08
		35	18.76	0.97	19.93	1.01	21.09	1.04	21.94	1.06	23.43	1.08	24.59	1.10
		40	18.75	0.99	19.91	1.02	21.08	1.06	21.92	1.07	23.41	1.09	24.57	1.11
		45	18.74	1.00	19.90	1.04	21.06	1.07	21.90	1.09	23.39	1.11	24.55	1.13
		50	18.72	1.01	19.88	1.05	21.05	1.09	21.89	1.10	23.37	1.12	24.53	1.14
		55	18.71	1.02	19.87	1.06	21.03	1.10	21.87	1.11	23.35	1.13	24.52	1.16
		60	18.69	1.04	19.85	1.08	21.01	1.12	21.85	1.13	23.34	1.15	24.50	1.17
		65	18.68	1.05	19.84	1.09	21.00	1.13	21.84	1.14	23.32	1.16	24.48	1.19
		70	18.66	1.06	19.82	1.10	20.98	1.14	21.82	1.16	23.30	1.18	24.46	1.20
		75	18.21	1.12	19.37	1.16	20.53	1.21	21.36	1.22	22.84	1.24	24.00	1.27
		80	17.77	1.18	18.92	1.22	20.07	1.27	20.91	1.28	22.38	1.31	23.53	1.33
		85	17.32	1.24	18.47	1.28	19.62	1.33	20.45	1.34	21.92	1.37	23.07	1.40
		90	16.88	1.29	18.02	1.34	19.17	1.39	20.00	1.41	21.47	1.43	22.61	1.46
		95	16.39	1.35	17.53	1.40	18.68	1.45	**19.20**	**1.47**	20.96	1.50	22.10	1.53
		100	15.99	1.41	17.13	1.46	18.28	1.51	18.95	1.53	20.56	1.56	21.70	1.59
		105	15.59	1.47	16.74	1.52	17.88	1.58	18.70	1.59	20.16	1.62	21.30	1.66
		110	15.19	1.52	16.34	1.58	17.48	1.64	18.30	1.66	19.76	1.69	20.90	1.72
		115	14.80	1.58	15.94	1.64	17.08	1.70	17.90	1.72	19.36	1.75	20.51	1.79
		118	14.56	1.62	15.70	1.67	16.84	1.74	17.66	1.76	19.12	1.79	20.27	1.82
		122	14.48	1.66	15.62	1.72	16.76	1.79	17.58	1.81	19.04	1.84	20.19	1.88

TC = Total Capacity (kBtu/h).

PI = Power Input (kW).

Nominal capacity as rated: 0 ft. above sea level with 25 ft. of refrigerant piping.
0 ft. level difference between outdoor and indoor units.

Nominal cooling capacity rating obtained with air entering the indoor unit at 80ºF dry bulb (DB) and 67ºF wet bulb (WB), and outdoor ambient conditions of 95ºF dry bulb (DB) and 75ºF wet bulb (WB).

The shaded table rows indicate reference data. When operating at this temperature, these values can be different if the system is not running consistently.

Due to our policy of continuous product innovation, some specifications may change without notification.
©LG Electronics U.S.A., Inc., Englewood Cliffs, NJ. All rights reserved. "LG" is a registered trademark of LG Corp.

Table 30: LMU247HV Cooling Capacity Table — Non-Ducted Indoor Units (continued).

Connected Indoor Units	Combination Capacity Index	Outdoor Air Temp. (°F DB)	Indoor Air Temp. °F DB / °F WB											
			68 / 57		73 / 61		77 / 64		80 / 67		86 / 72		90 / 75	
			TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
Two (2) Non-Ducted Indoor Units	12 + 18	14	18.82	0.92	19.99	0.95	21.16	0.99	22.00	1.00	23.50	1.02	24.67	1.04
		20	18.81	0.93	19.98	0.97	21.14	1.00	21.99	1.01	23.48	1.03	24.65	1.05
		25	18.79	0.95	19.96	0.98	21.13	1.02	21.97	1.03	23.46	1.05	24.63	1.07
		30	18.78	0.96	19.94	0.99	21.11	1.03	21.95	1.04	23.44	1.06	24.61	1.08
		35	18.76	0.97	19.93	1.01	21.09	1.04	21.94	1.06	23.43	1.08	24.59	1.10
		40	18.75	0.99	19.91	1.02	21.08	1.06	21.92	1.07	23.41	1.09	24.57	1.11
		45	18.74	1.00	19.90	1.04	21.06	1.07	21.90	1.09	23.39	1.11	24.55	1.13
		50	18.72	1.01	19.88	1.05	21.05	1.09	21.89	1.10	23.37	1.12	24.53	1.14
		55	18.71	1.02	19.87	1.06	21.03	1.10	21.87	1.11	23.35	1.13	24.52	1.16
		60	18.69	1.04	19.85	1.08	21.01	1.12	21.85	1.13	23.34	1.15	24.50	1.17
		65	18.68	1.05	19.84	1.09	21.00	1.13	21.84	1.14	23.32	1.16	24.48	1.19
		70	18.66	1.06	19.82	1.10	20.98	1.14	21.82	1.16	23.30	1.18	24.46	1.20
		75	18.21	1.12	19.37	1.16	20.53	1.21	21.36	1.22	22.84	1.24	24.00	1.27
		80	17.77	1.18	18.92	1.22	20.07	1.27	20.91	1.28	22.38	1.31	23.53	1.33
		85	17.32	1.24	18.47	1.28	19.62	1.33	20.45	1.34	21.92	1.37	23.07	1.40
		90	16.88	1.29	18.02	1.34	19.17	1.39	20.00	1.41	21.47	1.43	22.61	1.46
		95	16.39	1.35	17.53	1.40	18.68	1.45	**19.20**	**1.47**	20.96	1.50	22.10	1.53
		100	15.99	1.41	17.13	1.46	18.28	1.51	18.95	1.53	20.56	1.56	21.70	1.59
		105	15.59	1.47	16.74	1.52	17.88	1.58	18.70	1.59	20.16	1.62	21.30	1.66
		110	15.19	1.52	16.34	1.58	17.48	1.64	18.30	1.66	19.76	1.69	20.90	1.72
		115	14.80	1.58	15.94	1.64	17.08	1.70	17.90	1.72	19.36	1.75	20.51	1.79
		118	14.56	1.62	15.70	1.67	16.84	1.74	17.66	1.76	19.12	1.79	20.27	1.82
		122	14.48	1.66	15.62	1.72	16.76	1.79	17.58	1.81	19.04	1.84	20.19	1.88
Three (3) Non-Ducted Indoor Units	9 + 9 + 9	14	18.82	0.90	19.99	0.93	21.16	0.96	22.00	0.97	23.50	0.99	24.67	1.01
		20	18.81	0.91	19.98	0.94	21.14	0.98	21.99	0.99	23.48	1.01	24.65	1.03
		25	18.79	0.92	19.96	0.95	21.13	0.99	21.97	1.00	23.46	1.02	24.63	1.04
		30	18.78	0.93	19.94	0.97	21.11	1.00	21.95	1.02	23.44	1.03	24.61	1.05
		35	18.76	0.95	19.93	0.98	21.09	1.02	21.94	1.03	23.43	1.05	24.59	1.07
		40	18.75	0.96	19.91	0.99	21.08	1.03	21.92	1.04	23.41	1.06	24.57	1.08
		45	18.74	0.97	19.90	1.01	21.06	1.05	21.90	1.06	23.39	1.08	24.55	1.10
		50	18.72	0.99	19.88	1.02	21.05	1.06	21.89	1.07	23.37	1.09	24.53	1.11
		55	18.71	1.00	19.87	1.03	21.03	1.07	21.87	1.09	23.35	1.11	24.52	1.13
		60	18.69	1.01	19.85	1.05	21.01	1.09	21.85	1.10	23.34	1.12	24.50	1.14
		65	18.68	1.02	19.84	1.06	21.00	1.10	21.84	1.11	23.32	1.13	24.48	1.16
		70	18.66	1.04	19.82	1.07	20.98	1.11	21.82	1.13	23.30	1.15	24.46	1.17
		75	18.21	1.09	19.37	1.13	20.53	1.17	21.36	1.19	22.84	1.21	24.00	1.23
		80	17.77	1.15	18.92	1.19	20.07	1.23	20.91	1.25	22.38	1.27	23.53	1.30
		85	17.32	1.20	18.47	1.25	19.62	1.29	20.45	1.31	21.92	1.33	23.07	1.36
		90	16.88	1.26	18.02	1.31	19.17	1.35	20.00	1.37	21.47	1.40	22.61	1.42
		95	16.39	1.32	17.53	1.36	18.68	1.41	**19.20**	**1.43**	20.96	1.46	22.10	1.49
		100	15.99	1.37	17.13	1.42	18.28	1.47	18.95	1.49	20.56	1.52	21.70	1.55
		105	15.59	1.43	16.74	1.48	17.88	1.53	18.70	1.55	20.16	1.58	21.30	1.61
		110	15.19	1.48	16.34	1.54	17.48	1.60	18.30	1.61	19.76	1.64	20.90	1.68
		115	14.80	1.54	15.94	1.60	17.08	1.66	17.90	1.67	19.36	1.71	20.51	1.74
		118	14.56	1.57	15.70	1.63	16.84	1.69	17.66	1.71	19.12	1.74	20.27	1.78
		122	14.48	1.62	15.62	1.68	16.76	1.74	17.58	1.76	19.04	1.79	20.19	1.83

TC = Total Capacity (kBtu/h).

PI = Power Input (kW).

Nominal capacity as rated: 0 ft. above sea level with 25 ft. of refrigerant piping.
0 ft. level difference between outdoor and indoor units.

Nominal cooling capacity rating obtained with air entering the indoor unit at 80°F dry bulb (DB) and 67°F wet bulb (WB), and outdoor ambient conditions of 95°F dry bulb (DB) and 75°F wet bulb (WB).

The shaded table rows indicate reference data. When operating at this temperature, these values can be different if the system is not running consistently.

Due to our policy of continuous product innovation, some specifications may change without notification.
©LG Electronics U.S.A., Inc., Englewood Cliffs, NJ. All rights reserved. "LG" is a registered trademark of LG Corp.

PERFORMANCE DATA

Cooling Capacity Tables

Table 31: LMU247HV Cooling Capacity Table — Non-Ducted Indoor Units (continued).

Connected Indoor Units	Combination Capacity Index	Outdoor Air Temp. (°F DB)	Indoor Air Temp. °F DB / °F WB											
			68 / 57		73 / 61		77 / 64		80 / 67		86 / 72		90 / 75	
			TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
Three (3) Non-Ducted Indoor Units	9 + 9 + 12	14	18.82	0.90	19.99	0.93	21.16	0.96	22.00	0.97	23.50	0.99	24.67	1.01
		20	18.81	0.91	19.98	0.94	21.14	0.98	21.99	0.99	23.48	1.01	24.65	1.03
		25	18.79	0.92	19.96	0.95	21.13	0.99	21.97	1.00	23.46	1.02	24.63	1.04
		30	18.78	0.93	19.94	0.97	21.11	1.00	21.95	1.02	23.44	1.03	24.61	1.05
		35	18.76	0.95	19.93	0.98	21.09	1.02	21.94	1.03	23.43	1.05	24.59	1.07
		40	18.75	0.96	19.91	0.99	21.08	1.03	21.92	1.04	23.41	1.06	24.57	1.08
		45	18.74	0.97	19.90	1.01	21.06	1.05	21.90	1.06	23.39	1.08	24.55	1.10
		50	18.72	0.99	19.88	1.02	21.05	1.06	21.89	1.07	23.37	1.09	24.53	1.11
		55	18.71	1.00	19.87	1.03	21.03	1.07	21.87	1.09	23.35	1.11	24.52	1.13
		60	18.69	1.01	19.85	1.05	21.01	1.09	21.85	1.10	23.34	1.12	24.50	1.14
		65	18.68	1.02	19.84	1.06	21.00	1.10	21.84	1.11	23.32	1.13	24.48	1.16
		70	18.66	1.04	19.82	1.07	20.98	1.11	21.82	1.13	23.30	1.15	24.46	1.17
		75	18.21	1.09	19.37	1.13	20.53	1.17	21.36	1.19	22.84	1.21	24.00	1.23
		80	17.77	1.15	18.92	1.19	20.07	1.23	20.91	1.25	22.38	1.27	23.53	1.30
		85	17.32	1.20	18.47	1.25	19.62	1.29	20.45	1.31	21.92	1.33	23.07	1.36
		90	16.88	1.26	18.02	1.31	19.17	1.35	20.00	1.37	21.47	1.40	22.61	1.42
		95	16.39	1.32	17.53	1.36	18.68	1.41	**19.20**	**1.43**	20.96	1.46	22.10	1.49
		100	15.99	1.37	17.13	1.42	18.28	1.47	18.95	1.49	20.56	1.52	21.70	1.55
		105	15.59	1.43	16.74	1.48	17.88	1.53	18.70	1.55	20.16	1.58	21.30	1.61
		110	15.19	1.48	16.34	1.54	17.48	1.60	18.30	1.61	19.76	1.64	20.90	1.68
		115	14.80	1.54	15.94	1.60	17.08	1.66	17.90	1.67	19.36	1.71	20.51	1.74
		118	14.56	1.57	15.70	1.63	16.84	1.69	17.66	1.71	19.12	1.74	20.27	1.78
		122	14.48	1.62	15.62	1.68	16.76	1.74	17.58	1.76	19.04	1.79	20.19	1.83
	9 + 12 + 12	14	18.82	0.90	19.99	0.93	21.16	0.96	22.00	0.97	23.50	0.99	24.67	1.01
		20	18.81	0.91	19.98	0.94	21.14	0.98	21.99	0.99	23.48	1.01	24.65	1.03
		25	18.79	0.92	19.96	0.95	21.13	0.99	21.97	1.00	23.46	1.02	24.63	1.04
		30	18.78	0.93	19.94	0.97	21.11	1.00	21.95	1.02	23.44	1.03	24.61	1.05
		35	18.76	0.95	19.93	0.98	21.09	1.02	21.94	1.03	23.43	1.05	24.59	1.07
		40	18.75	0.96	19.91	0.99	21.08	1.03	21.92	1.04	23.41	1.06	24.57	1.08
		45	18.74	0.97	19.90	1.01	21.06	1.05	21.90	1.06	23.39	1.08	24.55	1.10
		50	18.72	0.99	19.88	1.02	21.05	1.06	21.89	1.07	23.37	1.09	24.53	1.11
		55	18.71	1.00	19.87	1.03	21.03	1.07	21.87	1.09	23.35	1.11	24.52	1.13
		60	18.69	1.01	19.85	1.05	21.01	1.09	21.85	1.10	23.34	1.12	24.50	1.14
		65	18.68	1.02	19.84	1.06	21.00	1.10	21.84	1.11	23.32	1.13	24.48	1.16
		70	18.66	1.04	19.82	1.07	20.98	1.11	21.82	1.13	23.30	1.15	24.46	1.17
		75	18.21	1.09	19.37	1.13	20.53	1.17	21.36	1.19	22.84	1.21	24.00	1.23
		80	17.77	1.15	18.92	1.19	20.07	1.23	20.91	1.25	22.38	1.27	23.53	1.30
		85	17.32	1.20	18.47	1.25	19.62	1.29	20.45	1.31	21.92	1.33	23.07	1.36
		90	16.88	1.26	18.02	1.31	19.17	1.35	20.00	1.37	21.47	1.40	22.61	1.42
		95	16.39	1.32	17.53	1.36	18.68	1.41	**19.20**	**1.43**	20.96	1.46	22.10	1.49
		100	15.99	1.37	17.13	1.42	18.28	1.47	18.95	1.49	20.56	1.52	21.70	1.55
		105	15.59	1.43	16.74	1.48	17.88	1.53	18.70	1.55	20.16	1.58	21.30	1.61
		110	15.19	1.48	16.34	1.54	17.48	1.60	18.30	1.61	19.76	1.64	20.90	1.68
		115	14.80	1.54	15.94	1.60	17.08	1.66	17.90	1.67	19.36	1.71	20.51	1.74
		118	14.56	1.57	15.70	1.63	16.84	1.69	17.66	1.71	19.12	1.74	20.27	1.78
		122	14.48	1.62	15.62	1.68	16.76	1.74	17.58	1.76	19.04	1.79	20.19	1.83

TC = Total Capacity (kBtu/h).

PI = Power Input (kW).

Nominal capacity as rated: 0 ft. above sea level with 25 ft. of refrigerant piping.
0 ft. level difference between outdoor and indoor units.

Nominal cooling capacity rating obtained with air entering the indoor unit at 80°F dry bulb (DB) and 67°F wet bulb (WB), and outdoor ambient conditions of 95°F dry bulb (DB) and 75°F wet bulb (WB).

The shaded table rows indicate reference data. When operating at this temperature, these values can be different if the system is not running consistently.

Due to our policy of continuous product innovation, some specifications may change without notification.
©LG Electronics U.S.A., Inc., Englewood Cliffs, NJ. All rights reserved. "LG" is a registered trademark of LG Corp.

PERFORMANCE DATA

Cooling Capacity Tables

Table 32: LMU247HV Cooling Capacity Table — Ducted Indoor Units.

Connected Indoor Units	Combination Capacity Index	Outdoor Air Temp. (°F DB)	Indoor Air Temp. °F DB / °F WB											
			68 / 57		73 / 61		77 / 64		80 / 67		86 / 72		90 / 75	
			TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
Two (2) Ducted Indoor Units	9 + 9	14	16.27	0.94	17.28	0.97	18.29	1.01	19.02	1.02	20.32	1.04	21.33	1.06
		20	16.26	0.95	17.27	0.98	18.28	1.02	19.01	1.03	20.30	1.05	21.31	1.07
		25	16.25	0.96	17.26	1.00	18.27	1.03	19.00	1.05	20.28	1.07	21.29	1.09
		30	16.24	0.98	17.24	1.01	18.25	1.05	18.98	1.06	20.27	1.08	21.28	1.10
		35	16.22	0.99	17.23	1.03	18.24	1.06	18.97	1.08	20.25	1.10	21.26	1.12
		40	16.21	1.00	17.22	1.04	18.22	1.08	18.95	1.09	20.24	1.11	21.24	1.13
		45	16.20	1.02	17.20	1.05	18.21	1.09	18.94	1.10	20.22	1.13	21.23	1.15
		50	16.19	1.03	17.19	1.07	18.20	1.11	18.92	1.12	20.21	1.14	21.21	1.16
		55	16.17	1.04	17.18	1.08	18.18	1.12	18.91	1.13	20.19	1.15	21.20	1.18
		60	16.16	1.06	17.16	1.10	18.17	1.14	18.89	1.15	20.18	1.17	21.18	1.19
		65	16.15	1.07	17.15	1.11	18.15	1.15	18.88	1.16	20.16	1.18	21.16	1.21
		70	16.14	1.08	17.14	1.12	18.14	1.16	18.86	1.18	20.14	1.20	21.15	1.22
		75	15.75	1.14	16.75	1.18	17.75	1.23	18.47	1.24	19.75	1.26	20.75	1.29
		80	15.36	1.20	16.36	1.24	17.35	1.29	18.07	1.30	19.35	1.33	20.35	1.36
		85	14.97	1.26	15.97	1.30	16.96	1.35	17.68	1.37	18.95	1.39	19.95	1.42
		90	14.59	1.32	15.58	1.37	16.57	1.42	17.29	1.43	18.56	1.46	19.55	1.49
		95	14.17	1.38	15.16	1.43	16.15	1.48	**16.60**	**1.50**	18.12	1.52	19.11	1.55
		100	13.83	1.43	14.81	1.49	15.80	1.54	16.38	1.56	17.78	1.59	18.76	1.62
		105	13.48	1.49	14.47	1.55	15.46	1.60	16.17	1.62	17.43	1.65	18.42	1.69
		110	13.14	1.55	14.12	1.61	15.11	1.67	15.82	1.69	17.09	1.72	18.07	1.75
		115	12.79	1.61	13.78	1.67	14.77	1.73	15.48	1.75	16.74	1.78	17.73	1.82
		118	12.58	1.64	13.57	1.70	14.56	1.77	15.27	1.79	16.53	1.82	17.52	1.86
		122	12.52	1.69	13.50	1.75	14.49	1.82	15.20	1.84	16.47	1.87	17.45	1.91
	9 + 12	14	16.67	0.94	17.70	0.98	18.74	1.01	19.48	1.02	20.80	1.04	21.84	1.06
		20	16.65	0.95	17.69	0.99	18.72	1.03	19.47	1.04	20.79	1.06	21.82	1.08
		25	16.64	0.97	17.67	1.00	18.71	1.04	19.45	1.05	20.77	1.07	21.81	1.09
		30	16.63	0.98	17.66	1.02	18.69	1.05	19.44	1.07	20.76	1.09	21.79	1.11
		35	16.61	1.00	17.65	1.03	18.68	1.07	19.42	1.08	20.74	1.10	21.77	1.12
		40	16.60	1.01	17.63	1.05	18.66	1.08	19.41	1.10	20.73	1.12	21.76	1.14
		45	16.59	1.02	17.62	1.06	18.65	1.10	19.39	1.11	20.71	1.13	21.74	1.15
		50	16.58	1.04	17.61	1.07	18.63	1.11	19.38	1.13	20.69	1.15	21.72	1.17
		55	16.56	1.05	17.59	1.09	18.62	1.13	19.36	1.14	20.68	1.16	21.71	1.19
		60	16.55	1.06	17.58	1.10	18.61	1.14	19.35	1.16	20.66	1.18	21.69	1.20
		65	16.54	1.08	17.57	1.12	18.59	1.16	19.33	1.17	20.65	1.19	21.67	1.22
		70	16.53	1.09	17.55	1.13	18.58	1.17	19.32	1.18	20.63	1.21	21.66	1.23
		75	16.13	1.15	17.15	1.19	18.18	1.23	18.91	1.25	20.22	1.27	21.25	1.30
		80	15.73	1.21	16.75	1.25	17.77	1.30	18.51	1.31	19.81	1.34	20.84	1.36
		85	15.34	1.27	16.35	1.31	17.37	1.36	18.11	1.38	19.41	1.40	20.43	1.43
		90	14.94	1.33	15.96	1.37	16.97	1.42	17.71	1.44	19.01	1.47	20.02	1.50
		95	14.51	1.38	15.52	1.43	16.54	1.49	**17.00**	**1.50**	18.56	1.53	19.57	1.56
		100	14.16	1.44	15.17	1.50	16.18	1.55	16.78	1.57	18.20	1.60	19.22	1.63
		105	13.81	1.50	14.82	1.56	15.83	1.61	16.56	1.63	17.85	1.66	18.86	1.70
		110	13.45	1.56	14.46	1.62	15.48	1.68	16.21	1.70	17.50	1.73	18.51	1.76
		115	13.10	1.62	14.11	1.68	15.12	1.74	15.85	1.76	17.14	1.79	18.16	1.83
		118	12.89	1.65	13.90	1.71	14.91	1.78	15.64	1.80	16.93	1.83	17.94	1.87
		122	12.82	1.70	13.83	1.76	14.84	1.83	15.57	1.85	16.86	1.88	17.87	1.92

TC = Total Capacity (kBtu/h).

PI = Power Input (kW).

Nominal capacity as rated: 0 ft. above sea level with 25 ft. of refrigerant piping.
0 ft. level difference between outdoor and indoor units.

Nominal cooling capacity rating obtained with air entering the indoor unit at 80ºF dry bulb (DB) and 67ºF wet bulb (WB), and outdoor ambient conditions of 95ºF dry bulb (DB) and 75ºF wet bulb (WB).

The shaded table rows indicate reference data. When operating at this temperature, these values can be different if the system is not running consistently.

Due to our policy of continuous product innovation, some specifications may change without notification.
©LG Electronics U.S.A., Inc., Englewood Cliffs, NJ. All rights reserved. "LG" is a registered trademark of LG Corp.

PERFORMANCE DATA

Cooling Capacity Tables

Table 33: LMU247HV Cooling Capacity Table — Ducted Indoor Units (continued).

Connected Indoor Units	Combination Capacity Index	Outdoor Air Temp. (°F DB)	Indoor Air Temp. °F DB / °F WB											
			68 / 57		73 / 61		77 / 64		80 / 67		86 / 72		90 / 75	
			TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
Two (2) Ducted Indoor Units	12 + 12	14	17.65	0.98	18.74	1.02	19.84	1.05	20.63	1.06	22.03	1.08	23.12	1.11
		20	17.63	0.99	18.73	1.03	19.82	1.07	20.61	1.08	22.01	1.10	23.11	1.12
		25	17.62	1.01	18.71	1.04	19.81	1.08	20.60	1.09	22.00	1.12	23.09	1.14
		30	17.60	1.02	18.70	1.06	19.79	1.10	20.58	1.11	21.98	1.13	23.07	1.15
		35	17.59	1.04	18.68	1.07	19.78	1.11	20.57	1.13	21.96	1.15	23.05	1.17
		40	17.58	1.05	18.67	1.09	19.76	1.13	20.55	1.14	21.94	1.16	23.04	1.19
		45	17.56	1.06	18.66	1.10	19.75	1.14	20.53	1.16	21.93	1.18	23.02	1.20
		50	17.55	1.08	18.64	1.12	19.73	1.16	20.52	1.17	21.91	1.19	23.00	1.22
		55	17.54	1.09	18.63	1.13	19.72	1.17	20.50	1.19	21.89	1.21	22.98	1.23
		60	17.52	1.11	18.61	1.15	19.70	1.19	20.49	1.20	21.88	1.22	22.97	1.25
		65	17.51	1.12	18.60	1.16	19.69	1.20	20.47	1.22	21.86	1.24	22.95	1.26
		70	17.50	1.13	18.58	1.18	19.67	1.22	20.46	1.23	21.84	1.26	22.93	1.28
		75	17.08	1.20	18.16	1.24	19.24	1.28	20.03	1.30	21.41	1.32	22.50	1.35
		80	16.66	1.26	17.74	1.30	18.82	1.35	19.60	1.37	20.98	1.39	22.06	1.42
		85	16.24	1.32	17.32	1.37	18.40	1.42	19.17	1.43	20.55	1.46	21.63	1.49
		90	15.82	1.38	16.90	1.43	17.97	1.48	18.75	1.50	20.12	1.53	21.20	1.56
		95	15.37	1.44	16.44	1.49	17.51	1.55	**18.00**	**1.57**	19.65	1.59	20.72	1.63
		100	14.99	1.50	16.06	1.56	17.13	1.61	17.77	1.63	19.28	1.66	20.35	1.70
		105	14.62	1.56	15.69	1.62	16.76	1.68	17.53	1.70	18.90	1.73	19.97	1.76
		110	14.24	1.62	15.32	1.68	16.39	1.74	17.16	1.76	18.53	1.80	19.60	1.83
		115	13.87	1.68	14.94	1.75	16.01	1.81	16.79	1.83	18.15	1.87	19.22	1.90
		118	13.65	1.72	14.72	1.78	15.79	1.85	16.56	1.87	17.93	1.91	19.00	1.94
		122	13.57	1.77	14.64	1.84	15.71	1.90	16.49	1.92	17.85	1.96	18.92	2.00
	9 + 18	14	17.65	0.98	18.74	1.02	19.84	1.05	20.63	1.06	22.03	1.08	23.12	1.11
		20	17.63	0.99	18.73	1.03	19.82	1.07	20.61	1.08	22.01	1.10	23.11	1.12
		25	17.62	1.01	18.71	1.04	19.81	1.08	20.60	1.09	22.00	1.12	23.09	1.14
		30	17.60	1.02	18.70	1.06	19.79	1.10	20.58	1.11	21.98	1.13	23.07	1.15
		35	17.59	1.04	18.68	1.07	19.78	1.11	20.57	1.13	21.96	1.15	23.05	1.17
		40	17.58	1.05	18.67	1.09	19.76	1.13	20.55	1.14	21.94	1.16	23.04	1.19
		45	17.56	1.06	18.66	1.10	19.75	1.14	20.53	1.16	21.93	1.18	23.02	1.20
		50	17.55	1.08	18.64	1.12	19.73	1.16	20.52	1.17	21.91	1.19	23.00	1.22
		55	17.54	1.09	18.63	1.13	19.72	1.17	20.50	1.19	21.89	1.21	22.98	1.23
		60	17.52	1.11	18.61	1.15	19.70	1.19	20.49	1.20	21.88	1.22	22.97	1.25
		65	17.51	1.12	18.60	1.16	19.69	1.20	20.47	1.22	21.86	1.24	22.95	1.26
		70	17.50	1.13	18.58	1.18	19.67	1.22	20.46	1.23	21.84	1.26	22.93	1.28
		75	17.08	1.20	18.16	1.24	19.24	1.28	20.03	1.30	21.41	1.32	22.50	1.35
		80	16.66	1.26	17.74	1.30	18.82	1.35	19.60	1.37	20.98	1.39	22.06	1.42
		85	16.24	1.32	17.32	1.37	18.40	1.42	19.17	1.43	20.55	1.46	21.63	1.49
		90	15.82	1.38	16.90	1.43	17.97	1.48	18.75	1.50	20.12	1.53	21.20	1.56
		95	15.37	1.44	16.44	1.49	17.51	1.55	**18.00**	**1.57**	19.65	1.59	20.72	1.63
		100	14.99	1.50	16.06	1.56	17.13	1.61	17.77	1.63	19.28	1.66	20.35	1.70
		105	14.62	1.56	15.69	1.62	16.76	1.68	17.53	1.70	18.90	1.73	19.97	1.76
		110	14.24	1.62	15.32	1.68	16.39	1.74	17.16	1.76	18.53	1.80	19.60	1.83
		115	13.87	1.68	14.94	1.75	16.01	1.81	16.79	1.83	18.15	1.87	19.22	1.90
		118	13.65	1.72	14.72	1.78	15.79	1.85	16.56	1.87	17.93	1.91	19.00	1.94
		122	13.57	1.77	14.64	1.84	15.71	1.90	16.49	1.92	17.85	1.96	18.92	2.00

TC = Total Capacity (kBtu/h).

PI = Power Input (kW).

Nominal capacity as rated: 0 ft. above sea level with 25 ft. of refrigerant piping.
0 ft. level difference between outdoor and indoor units.

Nominal cooling capacity rating obtained with air entering the indoor unit at 80ºF dry bulb (DB) and 67ºF wet bulb (WB), and outdoor ambient conditions of 95ºF dry bulb (DB) and 75ºF wet bulb (WB).

The shaded table rows indicate reference data. When operating at this temperature, these values can be different if the system is not running consistently.

Due to our policy of continuous product innovation, some specifications may change without notification.
©LG Electronics U.S.A., Inc., Englewood Cliffs, NJ. All rights reserved. "LG" is a registered trademark of LG Corp.

Table 34: LMU247HV Cooling Capacity Table — Ducted Indoor Units (continued).

Connected Indoor Units	Combination Capacity Index	Outdoor Air Temp. (°F DB)	Indoor Air Temp. °F DB / °F WB											
			68 / 57		73 / 61		77 / 64		80 / 67		86 / 72		90 / 75	
			TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
Two (2) Ducted Indoor Units	12 + 18	14	17.65	0.98	18.74	1.02	19.84	1.05	20.63	1.06	22.03	1.08	23.12	1.11
		20	17.63	0.99	18.73	1.03	19.82	1.07	20.61	1.08	22.01	1.10	23.11	1.12
		25	17.62	1.01	18.71	1.04	19.81	1.08	20.60	1.09	22.00	1.12	23.09	1.14
		30	17.60	1.02	18.70	1.06	19.79	1.10	20.58	1.11	21.98	1.13	23.07	1.15
		35	17.59	1.04	18.68	1.07	19.78	1.11	20.57	1.13	21.96	1.15	23.05	1.17
		40	17.58	1.05	18.67	1.09	19.76	1.13	20.55	1.14	21.94	1.16	23.04	1.19
		45	17.56	1.06	18.66	1.10	19.75	1.14	20.53	1.16	21.93	1.18	23.02	1.20
		50	17.55	1.08	18.64	1.12	19.73	1.16	20.52	1.17	21.91	1.19	23.00	1.22
		55	17.54	1.09	18.63	1.13	19.72	1.17	20.50	1.19	21.89	1.21	22.98	1.23
		60	17.52	1.11	18.61	1.15	19.70	1.19	20.49	1.20	21.88	1.22	22.97	1.25
		65	17.51	1.12	18.60	1.16	19.69	1.20	20.47	1.22	21.86	1.24	22.95	1.26
		70	17.50	1.13	18.58	1.18	19.67	1.22	20.46	1.23	21.84	1.26	22.93	1.28
		75	17.08	1.20	18.16	1.24	19.24	1.28	20.03	1.30	21.41	1.32	22.50	1.35
		80	16.66	1.26	17.74	1.30	18.82	1.35	19.60	1.37	20.98	1.39	22.06	1.42
		85	16.24	1.32	17.32	1.37	18.40	1.42	19.17	1.43	20.55	1.46	21.63	1.49
		90	15.82	1.38	16.90	1.43	17.97	1.48	18.75	1.50	20.12	1.53	21.20	1.56
		95	15.37	1.44	16.44	1.49	17.51	1.55	**18.00**	**1.57**	19.65	1.59	20.72	1.63
		100	14.99	1.50	16.06	1.56	17.13	1.61	17.77	1.63	19.28	1.66	20.35	1.70
		105	14.62	1.56	15.69	1.62	16.76	1.68	17.53	1.70	18.90	1.73	19.97	1.76
		110	14.24	1.62	15.32	1.68	16.39	1.74	17.16	1.76	18.53	1.80	19.60	1.83
		115	13.87	1.68	14.94	1.75	16.01	1.81	16.79	1.83	18.15	1.87	19.22	1.90
		118	13.65	1.72	14.72	1.78	15.79	1.85	16.56	1.87	17.93	1.91	19.00	1.94
		122	13.57	1.77	14.64	1.84	15.71	1.90	16.49	1.92	17.85	1.96	18.92	2.00
Three (3) Ducted Indoor Units	9 + 9 + 9	14	17.65	0.95	18.74	0.99	19.84	1.03	20.63	1.04	22.03	1.06	23.12	1.08
		20	17.63	0.97	18.73	1.00	19.82	1.04	20.61	1.05	22.01	1.07	23.11	1.09
		25	17.62	0.98	18.71	1.02	19.81	1.05	20.60	1.07	22.00	1.09	23.09	1.11
		30	17.60	1.00	18.70	1.03	19.79	1.07	20.58	1.08	21.98	1.10	23.07	1.12
		35	17.59	1.01	18.68	1.05	19.78	1.08	20.57	1.10	21.96	1.12	23.05	1.14
		40	17.58	1.02	18.67	1.06	19.76	1.10	20.55	1.11	21.94	1.13	23.04	1.16
		45	17.56	1.04	18.66	1.07	19.75	1.11	20.53	1.13	21.93	1.15	23.02	1.17
		50	17.55	1.05	18.64	1.09	19.73	1.13	20.52	1.14	21.91	1.16	23.00	1.19
		55	17.54	1.06	18.63	1.10	19.72	1.14	20.50	1.16	21.89	1.18	22.98	1.20
		60	17.52	1.08	18.61	1.12	19.70	1.16	20.49	1.17	21.88	1.19	22.97	1.22
		65	17.51	1.09	18.60	1.13	19.69	1.17	20.47	1.19	21.86	1.21	22.95	1.23
		70	17.50	1.11	18.58	1.15	19.67	1.19	20.46	1.20	21.84	1.22	22.93	1.25
		75	17.08	1.16	18.16	1.21	19.24	1.25	20.03	1.27	21.41	1.29	22.50	1.32
		80	16.66	1.22	17.74	1.27	18.82	1.32	19.60	1.33	20.98	1.36	22.06	1.38
		85	16.24	1.28	17.32	1.33	18.40	1.38	19.17	1.40	20.55	1.42	21.63	1.45
		90	15.82	1.34	16.90	1.39	17.97	1.44	18.75	1.46	20.12	1.49	21.20	1.52
		95	15.37	1.40	16.44	1.45	17.51	1.51	**18.00**	**1.53**	19.65	1.55	20.72	1.58
		100	14.99	1.46	16.06	1.52	17.13	1.57	17.77	1.59	19.28	1.62	20.35	1.65
		105	14.62	1.52	15.69	1.58	16.76	1.64	17.53	1.65	18.90	1.69	19.97	1.72
		110	14.24	1.58	15.32	1.64	16.39	1.70	17.16	1.72	18.53	1.75	19.60	1.79
		115	13.87	1.64	14.94	1.70	16.01	1.76	16.79	1.78	18.15	1.82	19.22	1.85
		118	13.65	1.68	14.72	1.74	15.79	1.80	16.56	1.82	17.93	1.86	19.00	1.89
		122	13.57	1.73	14.64	1.79	15.71	1.85	16.49	1.87	17.85	1.91	18.92	1.95

TC = Total Capacity (kBtu/h).

PI = Power Input (kW).

Nominal capacity as rated: 0 ft. above sea level with 25 ft. of refrigerant piping.
0 ft. level difference between outdoor and indoor units.

Nominal cooling capacity rating obtained with air entering the indoor unit at 80°F dry bulb (DB) and 67°F wet bulb (WB), and outdoor ambient conditions of 95°F dry bulb (DB) and 75°F wet bulb (WB).

The shaded table rows indicate reference data. When operating at this temperature, these values can be different if the system is not running consistently.

Due to our policy of continuous product innovation, some specifications may change without notification.
©LG Electronics U.S.A., Inc., Englewood Cliffs, NJ. All rights reserved. "LG" is a registered trademark of LG Corp.

PERFORMANCE DATA

Cooling Capacity Tables

Table 35: LMU247HV Cooling Capacity Table — Ducted Indoor Units (continued).

Connected Indoor Units	Combination Capacity Index	Outdoor Air Temp. (°F DB)	Indoor Air Temp. °F DB / °F WB											
			68 /57		73 / 61		77 / 64		80 / 67		86 / 72		90 / 75	
			TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
Three (3) Ducted Indoor Units	9 + 9 + 12	14	17.65	0.95	18.74	0.99	19.84	1.03	20.63	1.04	22.03	1.06	23.12	1.08
		20	17.63	0.97	18.73	1.00	19.82	1.04	20.61	1.05	22.01	1.07	23.11	1.09
		25	17.62	0.98	18.71	1.02	19.81	1.05	20.60	1.07	22.00	1.09	23.09	1.11
		30	17.60	1.00	18.70	1.03	19.79	1.07	20.58	1.08	21.98	1.10	23.07	1.12
		35	17.59	1.01	18.68	1.05	19.78	1.08	20.57	1.10	21.96	1.12	23.05	1.14
		40	17.58	1.02	18.67	1.06	19.76	1.10	20.55	1.11	21.94	1.13	23.04	1.16
		45	17.56	1.04	18.66	1.07	19.75	1.11	20.53	1.13	21.93	1.15	23.02	1.17
		50	17.55	1.05	18.64	1.09	19.73	1.13	20.52	1.14	21.91	1.16	23.00	1.19
		55	17.54	1.06	18.63	1.10	19.72	1.14	20.50	1.16	21.89	1.18	22.98	1.20
		60	17.52	1.08	18.61	1.12	19.70	1.16	20.49	1.17	21.88	1.19	22.97	1.22
		65	17.51	1.09	18.60	1.13	19.69	1.17	20.47	1.19	21.86	1.21	22.95	1.23
		70	17.50	1.11	18.58	1.15	19.67	1.19	20.46	1.20	21.84	1.22	22.93	1.25
		75	17.08	1.16	18.16	1.21	19.24	1.25	20.03	1.27	21.41	1.29	22.50	1.32
		80	16.66	1.22	17.74	1.27	18.82	1.32	19.60	1.33	20.98	1.36	22.06	1.38
		85	16.24	1.28	17.32	1.33	18.40	1.38	19.17	1.40	20.55	1.42	21.63	1.45
		90	15.82	1.34	16.90	1.39	17.97	1.44	18.75	1.46	20.12	1.49	21.20	1.52
		95	15.37	1.40	16.44	1.45	17.51	1.51	**18.00**	**1.53**	19.65	1.55	20.72	1.58
		100	14.99	1.46	16.06	1.52	17.13	1.57	17.77	1.59	19.28	1.62	20.35	1.65
		105	14.62	1.52	15.69	1.58	16.76	1.64	17.53	1.65	18.90	1.69	19.97	1.72
		110	14.24	1.58	15.32	1.64	16.39	1.70	17.16	1.72	18.53	1.75	19.60	1.79
		115	13.87	1.64	14.94	1.70	16.01	1.76	16.79	1.78	18.15	1.82	19.22	1.85
		118	13.65	1.68	14.72	1.74	15.79	1.80	16.56	1.82	17.93	1.86	19.00	1.89
		122	13.57	1.73	14.64	1.79	15.71	1.85	16.49	1.87	17.85	1.91	18.92	1.95
	9 + 12 + 12	14	17.65	0.95	18.74	0.99	19.84	1.03	20.63	1.04	22.03	1.06	23.12	1.08
		20	17.63	0.97	18.73	1.00	19.82	1.04	20.61	1.05	22.01	1.07	23.11	1.09
		25	17.62	0.98	18.71	1.02	19.81	1.05	20.60	1.07	22.00	1.09	23.09	1.11
		30	17.60	1.00	18.70	1.03	19.79	1.07	20.58	1.08	21.98	1.10	23.07	1.12
		35	17.59	1.01	18.68	1.05	19.78	1.08	20.57	1.10	21.96	1.12	23.05	1.14
		40	17.58	1.02	18.67	1.06	19.76	1.10	20.55	1.11	21.94	1.13	23.04	1.16
		45	17.56	1.04	18.66	1.07	19.75	1.11	20.53	1.13	21.93	1.15	23.02	1.17
		50	17.55	1.05	18.64	1.09	19.73	1.13	20.52	1.14	21.91	1.16	23.00	1.19
		55	17.54	1.06	18.63	1.10	19.72	1.14	20.50	1.16	21.89	1.18	22.98	1.20
		60	17.52	1.08	18.61	1.12	19.70	1.16	20.49	1.17	21.88	1.19	22.97	1.22
		65	17.51	1.09	18.60	1.13	19.69	1.17	20.47	1.19	21.86	1.21	22.95	1.23
		70	17.50	1.11	18.58	1.15	19.67	1.19	20.46	1.20	21.84	1.22	22.93	1.25
		75	17.08	1.16	18.16	1.21	19.24	1.25	20.03	1.27	21.41	1.29	22.50	1.32
		80	16.66	1.22	17.74	1.27	18.82	1.32	19.60	1.33	20.98	1.36	22.06	1.38
		85	16.24	1.28	17.32	1.33	18.40	1.38	19.17	1.40	20.55	1.42	21.63	1.45
		90	15.82	1.34	16.90	1.39	17.97	1.44	18.75	1.46	20.12	1.49	21.20	1.52
		95	15.37	1.40	16.44	1.45	17.51	1.51	**18.00**	**1.53**	19.65	1.55	20.72	1.58
		100	14.99	1.46	16.06	1.52	17.13	1.57	17.77	1.59	19.28	1.62	20.35	1.65
		105	14.62	1.52	15.69	1.58	16.76	1.64	17.53	1.65	18.90	1.69	19.97	1.72
		110	14.24	1.58	15.32	1.64	16.39	1.70	17.16	1.72	18.53	1.75	19.60	1.79
		115	13.87	1.64	14.94	1.70	16.01	1.76	16.79	1.78	18.15	1.82	19.22	1.85
		118	13.65	1.68	14.72	1.74	15.79	1.80	16.56	1.82	17.93	1.86	19.00	1.89
		122	13.57	1.73	14.64	1.79	15.71	1.85	16.49	1.87	17.85	1.91	18.92	1.95

TC = Total Capacity (kBtu/h).

PI = Power Input (kW).

Nominal capacity as rated: 0 ft. above sea level with 25 ft. of refrigerant piping.
0 ft. level difference between outdoor and indoor units.

Nominal cooling capacity rating obtained with air entering the indoor unit at 80°F dry bulb (DB) and 67°F wet bulb (WB), and outdoor ambient conditions of 95°F dry bulb (DB) and 75°F wet bulb (WB).

The shaded table rows indicate reference data. When operating at this temperature, these values can be different if the system is not running consistently.

Due to our policy of continuous product innovation, some specifications may change without notification.
©LG Electronics U.S.A., Inc., Englewood Cliffs, NJ. All rights reserved. "LG" is a registered trademark of LG Corp.

PERFORMANCE DATA

Cooling Capacity Tables

Table 36: LMU247HV Cooling Capacity Table — Mixed Indoor Units.

Connected Indoor Units	Combination Capacity Index	Outdoor Air Temp. (°F DB)	Indoor Air Temp. °F DB / °F WB											
			68 / 57		73 / 61		77 / 64		80 / 67		86 / 72		90 / 75	
			TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
Two (2) Mixed Indoor Units	9 + 9	14	16.47	0.89	17.49	0.92	18.51	0.96	19.25	0.97	20.56	0.99	21.58	1.00
		20	16.46	0.90	17.48	0.94	18.50	0.97	19.24	0.98	20.54	1.00	21.57	1.02
		25	16.44	0.92	17.47	0.95	18.49	0.98	19.22	0.99	20.53	1.01	21.55	1.03
		30	16.43	0.93	17.45	0.96	18.47	1.00	19.21	1.01	20.51	1.03	21.53	1.05
		35	16.42	0.94	17.44	0.98	18.46	1.01	19.19	1.02	20.50	1.04	21.52	1.06
		40	16.41	0.95	17.43	0.99	18.44	1.02	19.18	1.04	20.48	1.06	21.50	1.08
		45	16.39	0.97	17.41	1.00	18.43	1.04	19.17	1.05	20.47	1.07	21.48	1.09
		50	16.38	0.98	17.40	1.02	18.42	1.05	19.15	1.06	20.45	1.08	21.47	1.11
		55	16.37	0.99	17.39	1.03	18.40	1.07	19.14	1.08	20.43	1.10	21.45	1.12
		60	16.36	1.00	17.37	1.04	18.39	1.08	19.12	1.09	20.42	1.11	21.43	1.13
		65	16.34	1.02	17.36	1.05	18.37	1.09	19.11	1.11	20.40	1.13	21.42	1.15
		70	16.33	1.03	17.35	1.07	18.36	1.11	19.09	1.12	20.39	1.14	21.40	1.16
		75	15.94	1.09	16.95	1.13	17.96	1.17	18.69	1.18	19.98	1.20	21.00	1.23
		80	15.54	1.14	16.55	1.18	17.56	1.23	18.29	1.24	19.58	1.26	20.59	1.29
		85	15.16	1.20	16.16	1.24	17.17	1.29	17.90	1.30	19.18	1.33	20.19	1.35
		90	14.77	1.25	15.77	1.30	16.77	1.35	17.50	1.36	18.78	1.39	19.79	1.41
		95	14.34	1.31	15.34	1.36	16.34	1.41	**16.80**	**1.42**	18.34	1.45	19.34	1.48
		100	13.99	1.36	14.99	1.41	15.99	1.47	16.58	1.48	17.99	1.51	18.99	1.54
		105	13.64	1.42	14.64	1.47	15.64	1.53	16.36	1.54	17.64	1.57	18.64	1.60
		110	13.30	1.48	14.29	1.53	15.29	1.58	16.02	1.60	17.29	1.63	18.29	1.67
		115	12.95	1.53	13.95	1.59	14.94	1.64	15.67	1.66	16.94	1.69	17.94	1.73
		118	12.74	1.56	13.74	1.62	14.73	1.68	15.46	1.70	16.73	1.73	17.73	1.77
		122	12.67	1.61	13.67	1.67	14.67	1.73	15.39	1.75	16.66	1.78	17.66	1.82
	9 + 12	14	17.01	0.90	18.06	0.94	19.12	0.97	19.88	0.98	21.23	1.00	22.29	1.02
		20	17.00	0.92	18.05	0.95	19.11	0.98	19.87	1.00	21.22	1.01	22.27	1.04
		25	16.98	0.93	18.04	0.96	19.09	1.00	19.85	1.01	21.20	1.03	22.26	1.05
		30	16.97	0.94	18.02	0.98	19.08	1.01	19.84	1.02	21.18	1.04	22.24	1.06
		35	16.96	0.96	18.01	0.99	19.06	1.03	19.82	1.04	21.17	1.06	22.22	1.08
		40	16.94	0.97	18.00	1.00	19.05	1.04	19.81	1.05	21.15	1.07	22.20	1.09
		45	16.93	0.98	17.98	1.02	19.03	1.05	19.79	1.07	21.14	1.09	22.19	1.11
		50	16.92	0.99	17.97	1.03	19.02	1.07	19.78	1.08	21.12	1.10	22.17	1.12
		55	16.90	1.01	17.95	1.04	19.00	1.08	19.76	1.09	21.10	1.12	22.15	1.14
		60	16.89	1.02	17.94	1.06	18.99	1.10	19.75	1.11	21.09	1.13	22.14	1.15
		65	16.88	1.03	17.93	1.07	18.97	1.11	19.73	1.12	21.07	1.14	22.12	1.17
		70	16.87	1.05	17.91	1.08	18.96	1.12	19.72	1.14	21.06	1.16	22.10	1.18
		75	16.46	1.10	17.50	1.14	18.55	1.18	19.30	1.20	20.64	1.22	21.68	1.25
		80	16.05	1.16	17.10	1.20	18.14	1.25	18.89	1.26	20.22	1.28	21.27	1.31
		85	15.65	1.22	16.69	1.26	17.73	1.31	18.48	1.32	19.81	1.35	20.85	1.37
		90	15.25	1.27	16.29	1.32	17.32	1.37	18.07	1.38	19.40	1.41	20.43	1.44
		95	14.81	1.33	15.84	1.38	16.88	1.43	**17.35**	**1.44**	18.94	1.47	19.97	1.50
		100	14.45	1.39	15.48	1.44	16.52	1.49	17.13	1.51	18.58	1.53	19.61	1.56
		105	14.09	1.44	15.12	1.49	16.16	1.55	16.90	1.57	18.22	1.60	19.25	1.63
		110	13.73	1.50	14.76	1.55	15.79	1.61	16.54	1.63	17.86	1.66	18.89	1.69
		115	13.37	1.55	14.40	1.61	15.43	1.67	16.18	1.69	17.50	1.72	18.53	1.76
		118	13.15	1.59	14.19	1.65	15.22	1.71	15.96	1.73	17.28	1.76	18.31	1.79
		122	13.08	1.63	14.11	1.69	15.15	1.76	15.89	1.78	17.21	1.81	18.24	1.84

TC = Total Capacity (kBtu/h).

PI = Power Input (kW).

Nominal capacity as rated: 0 ft. above sea level with 25 ft. of refrigerant piping.
0 ft. level difference between outdoor and indoor units.

Nominal cooling capacity rating obtained with air entering the indoor unit at 80ºF dry bulb (DB) and 67ºF wet bulb (WB), and outdoor ambient conditions of 95ºF dry bulb (DB) and 75ºF wet bulb (WB).

The shaded rows indicate reference data. When operating at this temperature, these values can be different if the system is not running consistently.

Due to our policy of continuous product innovation, some specifications may change without notification.
©LG Electronics U.S.A., Inc., Englewood Cliffs, NJ. All rights reserved. "LG" is a registered trademark of LG Corp.

PERFORMANCE DATA

Cooling Capacity Tables

Table 37: LMU247HV Cooling Capacity Table — Mixed Indoor Units.

Connected Indoor Units	Combination Capacity Index	Outdoor Air Temp. (°F DB)	Indoor Air Temp. °F DB / °F WB											
			68 / 57		73 / 61		77 / 64		80 / 67		86 / 72		90 / 75	
			TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
Two (2) Mixed Indoor Units	12 + 12	14	18.23	0.95	19.37	0.98	20.50	1.02	21.32	1.03	22.76	1.05	23.90	1.07
		20	18.22	0.96	19.35	1.00	20.48	1.03	21.30	1.05	22.75	1.07	23.88	1.09
		25	18.21	0.98	19.34	1.01	20.47	1.05	21.28	1.06	22.73	1.08	23.86	1.10
		30	18.19	0.99	19.32	1.03	20.45	1.06	21.27	1.08	22.71	1.10	23.84	1.12
		35	18.18	1.00	19.31	1.04	20.44	1.08	21.25	1.09	22.69	1.11	23.82	1.13
		40	18.16	1.02	19.29	1.05	20.42	1.09	21.23	1.11	22.68	1.13	23.80	1.15
		45	18.15	1.03	19.28	1.07	20.40	1.11	21.22	1.12	22.66	1.14	23.79	1.16
		50	18.14	1.04	19.26	1.08	20.39	1.12	21.20	1.14	22.64	1.16	23.77	1.18
		55	18.12	1.06	19.25	1.10	20.37	1.14	21.19	1.15	22.62	1.17	23.75	1.20
		60	18.11	1.07	19.23	1.11	20.36	1.15	21.17	1.17	22.61	1.19	23.73	1.21
		65	18.09	1.09	19.22	1.13	20.34	1.17	21.15	1.18	22.59	1.20	23.71	1.23
		70	18.08	1.10	19.20	1.14	20.33	1.18	21.14	1.19	22.57	1.22	23.69	1.24
		75	17.65	1.16	18.77	1.20	19.89	1.24	20.69	1.26	22.13	1.28	23.25	1.31
		80	17.21	1.22	18.33	1.26	19.45	1.31	20.25	1.32	21.68	1.35	22.80	1.38
		85	16.78	1.28	17.89	1.32	19.01	1.37	19.81	1.39	21.24	1.41	22.35	1.44
		90	16.35	1.34	17.46	1.39	18.57	1.44	19.37	1.45	20.80	1.48	21.91	1.51
		95	15.88	1.40	16.99	1.45	18.09	1.50	**18.60**	**1.52**	20.31	1.55	21.41	1.58
		100	15.49	1.46	16.60	1.51	17.71	1.56	18.36	1.58	19.92	1.61	21.02	1.64
		105	15.11	1.51	16.21	1.57	17.32	1.63	18.12	1.65	19.53	1.68	20.64	1.71
		110	14.72	1.57	15.83	1.63	16.93	1.69	17.73	1.71	19.14	1.74	20.25	1.78
		115	14.33	1.63	15.44	1.69	16.55	1.75	17.34	1.77	18.76	1.81	19.86	1.84
		118	14.10	1.67	15.21	1.73	16.31	1.79	17.11	1.81	18.53	1.85	19.63	1.88
		122	14.02	1.72	15.13	1.78	16.24	1.84	17.04	1.87	18.45	1.90	19.56	1.94
	9 + 18	14	18.23	0.95	19.37	0.98	20.50	1.02	21.32	1.03	22.76	1.05	23.90	1.07
		20	18.22	0.96	19.35	1.00	20.48	1.03	21.30	1.05	22.75	1.07	23.88	1.09
		25	18.21	0.98	19.34	1.01	20.47	1.05	21.28	1.06	22.73	1.08	23.86	1.10
		30	18.19	0.99	19.32	1.03	20.45	1.06	21.27	1.08	22.71	1.10	23.84	1.12
		35	18.18	1.00	19.31	1.04	20.44	1.08	21.25	1.09	22.69	1.11	23.82	1.13
		40	18.16	1.02	19.29	1.05	20.42	1.09	21.23	1.11	22.68	1.13	23.80	1.15
		45	18.15	1.03	19.28	1.07	20.40	1.11	21.22	1.12	22.66	1.14	23.79	1.16
		50	18.14	1.04	19.26	1.08	20.39	1.12	21.20	1.14	22.64	1.16	23.77	1.18
		55	18.12	1.06	19.25	1.10	20.37	1.14	21.19	1.15	22.62	1.17	23.75	1.20
		60	18.11	1.07	19.23	1.11	20.36	1.15	21.17	1.17	22.61	1.19	23.73	1.21
		65	18.09	1.09	19.22	1.13	20.34	1.17	21.15	1.18	22.59	1.20	23.71	1.23
		70	18.08	1.10	19.20	1.14	20.33	1.18	21.14	1.19	22.57	1.22	23.69	1.24
		75	17.65	1.16	18.77	1.20	19.89	1.24	20.69	1.26	22.13	1.28	23.25	1.31
		80	17.21	1.22	18.33	1.26	19.45	1.31	20.25	1.32	21.68	1.35	22.80	1.38
		85	16.78	1.28	17.89	1.32	19.01	1.37	19.81	1.39	21.24	1.41	22.35	1.44
		90	16.35	1.34	17.46	1.39	18.57	1.44	19.37	1.45	20.80	1.48	21.91	1.51
		95	15.88	1.40	16.99	1.45	18.09	1.50	**18.60**	**1.52**	20.31	1.55	21.41	1.58
		100	15.49	1.46	16.60	1.51	17.71	1.56	18.36	1.58	19.92	1.61	21.02	1.64
		105	15.11	1.51	16.21	1.57	17.32	1.63	18.12	1.65	19.53	1.68	20.64	1.71
		110	14.72	1.57	15.83	1.63	16.93	1.69	17.73	1.71	19.14	1.74	20.25	1.78
		115	14.33	1.63	15.44	1.69	16.55	1.75	17.34	1.77	18.76	1.81	19.86	1.84
		118	14.10	1.67	15.21	1.73	16.31	1.79	17.11	1.81	18.53	1.85	19.63	1.88
		122	14.02	1.72	15.13	1.78	16.24	1.84	17.04	1.87	18.45	1.90	19.56	1.94

TC = Total Capacity (kBtu/h).

PI = Power Input (kW).

Nominal capacity as rated: 0 ft. above sea level with 25 ft. of refrigerant piping.
0 ft. level difference between outdoor and indoor units.

Nominal cooling capacity rating obtained with air entering the indoor unit at 80ºF dry bulb (DB) and 67ºF wet bulb (WB), and outdoor ambient conditions of 95ºF dry bulb (DB) and 75ºF wet bulb (WB).

The shaded rows indicate reference data. When operating at this temperature, these values can be different if the system is not running consistently.

Due to our policy of continuous product innovation, some specifications may change without notification.
©LG Electronics U.S.A., Inc., Englewood Cliffs, NJ. All rights reserved. "LG" is a registered trademark of LG Corp.

PERFORMANCE DATA

Cooling Capacity Tables

Table 38: LMU247HV Cooling Capacity Table — Mixed Indoor Units.

Connected Indoor Units	Combination Capacity Index	Outdoor Air Temp. (°F DB)	Indoor Air Temp. °F DB / °F WB											
			68 / 57		73 / 61		77 / 64		80 / 67		86 / 72		90 / 75	
			TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
Two (2) Mixed Indoor Units	12 + 18	14	18.23	0.95	19.37	0.98	20.50	1.02	21.32	1.03	22.76	1.05	23.90	1.07
		20	18.22	0.96	19.35	1.00	20.48	1.03	21.30	1.05	22.75	1.07	23.88	1.09
		25	18.21	0.98	19.34	1.01	20.47	1.05	21.28	1.06	22.73	1.08	23.86	1.10
		30	18.19	0.99	19.32	1.03	20.45	1.06	21.27	1.08	22.71	1.10	23.84	1.12
		35	18.18	1.00	19.31	1.04	20.44	1.08	21.25	1.09	22.69	1.11	23.82	1.13
		40	18.16	1.02	19.29	1.05	20.42	1.09	**21.23**	**1.11**	22.68	1.13	23.80	1.15
		45	18.15	1.03	19.28	1.07	20.40	1.11	21.22	1.12	22.66	1.14	23.79	1.16
		50	18.14	1.04	19.26	1.08	20.39	1.12	21.20	1.14	22.64	1.16	23.77	1.18
		55	18.12	1.06	19.25	1.10	20.37	1.14	21.19	1.15	22.62	1.17	23.75	1.20
		60	18.11	1.07	19.23	1.11	20.36	1.15	21.17	1.17	22.61	1.19	23.73	1.21
		65	18.09	1.09	19.22	1.13	20.34	1.17	21.15	1.18	22.59	1.20	23.71	1.23
		70	18.08	1.10	19.20	1.14	20.33	1.18	21.14	1.19	22.57	1.22	23.69	1.24
		75	17.65	1.16	18.77	1.20	19.89	1.24	20.69	1.26	22.13	1.28	23.25	1.31
		80	17.21	1.22	18.33	1.26	19.45	1.31	20.25	1.32	21.68	1.35	22.80	1.38
		85	16.78	1.28	17.89	1.32	19.01	1.37	19.81	1.39	21.24	1.41	22.35	1.44
		90	16.35	1.34	17.46	1.39	18.57	1.44	19.37	1.45	20.80	1.48	21.91	1.51
		95	15.88	1.40	16.99	1.45	18.09	1.50	**18.60**	**1.52**	20.31	1.55	21.41	1.58
		100	15.49	1.46	16.60	1.51	17.71	1.56	18.36	1.58	19.92	1.61	21.02	1.64
		105	15.11	1.51	16.21	1.57	17.32	1.63	18.12	1.65	19.53	1.68	20.64	1.71
		110	14.72	1.57	15.83	1.63	16.93	1.69	17.73	1.71	19.14	1.74	20.25	1.78
		115	14.33	1.63	15.44	1.69	16.55	1.75	17.34	1.77	18.76	1.81	19.86	1.84
		118	14.10	1.67	15.21	1.73	16.31	1.79	17.11	1.81	18.53	1.85	19.63	1.88
		122	14.02	1.72	15.13	1.78	16.24	1.84	17.04	1.87	18.45	1.90	19.56	1.94
Three (3) Mixed Indoor Units	9 + 9 + 9	14	18.23	0.92	19.37	0.96	20.50	0.99	21.32	1.01	22.76	1.02	23.90	1.04
		20	18.22	0.94	19.35	0.97	20.48	1.01	21.30	1.02	22.75	1.04	23.88	1.06
		25	18.21	0.95	19.34	0.99	20.47	1.02	21.28	1.03	22.73	1.05	23.86	1.07
		30	18.19	0.96	19.32	1.00	20.45	1.04	21.27	1.05	22.71	1.07	23.84	1.09
		35	18.18	0.98	19.31	1.01	20.44	1.05	21.25	1.06	22.69	1.08	23.82	1.10
		40	18.16	0.99	19.29	1.03	20.42	1.07	**21.23**	**1.08**	22.68	1.10	23.80	1.12
		45	18.15	1.00	19.28	1.04	20.40	1.08	21.22	1.09	22.66	1.11	23.79	1.13
		50	18.14	1.02	19.26	1.06	20.39	1.09	21.20	1.11	22.64	1.13	23.77	1.15
		55	18.12	1.03	19.25	1.07	20.37	1.11	21.19	1.12	22.62	1.14	23.75	1.16
		60	18.11	1.04	19.23	1.08	20.36	1.12	21.17	1.14	22.61	1.16	23.73	1.18
		65	18.09	1.06	19.22	1.10	20.34	1.14	21.15	1.15	22.59	1.17	23.71	1.19
		70	18.08	1.07	19.20	1.11	20.33	1.15	21.14	1.16	22.57	1.19	23.69	1.21
		75	17.65	1.13	18.77	1.17	19.89	1.21	20.69	1.23	22.13	1.25	23.25	1.27
		80	17.21	1.19	18.33	1.23	19.45	1.27	20.25	1.29	21.68	1.31	22.80	1.34
		85	16.78	1.24	17.89	1.29	19.01	1.34	19.81	1.35	21.24	1.38	22.35	1.41
		90	16.35	1.30	17.46	1.35	18.57	1.40	19.37	1.42	20.80	1.44	21.91	1.47
		95	15.88	1.36	16.99	1.41	18.09	1.46	**18.60**	**1.48**	20.31	1.51	21.41	1.54
		100	15.49	1.42	16.60	1.47	17.71	1.52	18.36	1.54	19.92	1.57	21.02	1.60
		105	15.11	1.48	16.21	1.53	17.32	1.59	18.12	1.60	19.53	1.63	20.64	1.67
		110	14.72	1.53	15.83	1.59	16.93	1.65	17.73	1.67	19.14	1.70	20.25	1.73
		115	14.33	1.59	15.44	1.65	16.55	1.71	17.34	1.73	18.76	1.76	19.86	1.80
		118	14.10	1.63	15.21	1.69	16.31	1.75	17.11	1.77	18.53	1.80	19.63	1.84
		122	14.02	1.67	15.13	1.73	16.24	1.80	17.04	1.82	18.45	1.85	19.56	1.89

TC = Total Capacity (kBtu/h).

PI = Power Input (kW).

Nominal capacity as rated: 0 ft. above sea level with 25 ft. of refrigerant piping.
0 ft. level difference between outdoor and indoor units.

Nominal cooling capacity rating obtained with air entering the indoor unit at 80°F dry bulb (DB) and 67°F wet bulb (WB), and outdoor ambient conditions of 95°F dry bulb (DB) and 75°F wet bulb (WB).

The shaded table rows indicate reference data. When operating at this temperature, these values can be different if the system is not running consistently.

Due to our policy of continuous product innovation, some specifications may change without notification.
©LG Electronics U.S.A., Inc., Englewood Cliffs, NJ. All rights reserved. "LG" is a registered trademark of LG Corp.

PERFORMANCE DATA

Cooling Capacity Tables

Table 39: LMU247HV Cooling Capacity Table — Mixed Indoor Units.

Connected Indoor Units	Combination Capacity Index	Outdoor Air Temp. (°F DB)	Indoor Air Temp. °F DB / °F WB											
			68 / 57		73 / 61		77 / 64		80 / 67		86 / 72		90 / 75	
			TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
Three (3) Mixed Indoor Units	9 + 9 + 12	14	18.23	0.92	19.37	0.96	20.50	0.99	21.32	1.01	22.76	1.02	23.90	1.04
		20	18.22	0.94	19.35	0.97	20.48	1.01	21.30	1.02	22.75	1.04	23.88	1.06
		25	18.21	0.95	19.34	0.99	20.47	1.02	21.28	1.03	22.73	1.05	23.86	1.07
		30	18.19	0.96	19.32	1.00	20.45	1.04	21.27	1.05	22.71	1.07	23.84	1.09
		35	18.18	0.98	19.31	1.01	20.44	1.05	21.25	1.06	22.69	1.08	23.82	1.10
		40	18.16	0.99	19.29	1.03	20.42	1.07	21.23	1.08	22.68	1.10	23.80	1.12
		45	18.15	1.00	19.28	1.04	20.40	1.08	21.22	1.09	22.66	1.11	23.79	1.13
		50	18.14	1.02	19.26	1.06	20.39	1.09	21.20	1.11	22.64	1.13	23.77	1.15
		55	18.12	1.03	19.25	1.07	20.37	1.11	21.19	1.12	22.62	1.14	23.75	1.16
		60	18.11	1.04	19.23	1.08	20.36	1.12	21.17	1.14	22.61	1.16	23.73	1.18
		65	18.09	1.06	19.22	1.10	20.34	1.14	21.15	1.15	22.59	1.17	23.71	1.19
		70	18.08	1.07	19.20	1.11	20.33	1.15	21.14	1.16	22.57	1.19	23.69	1.21
		75	17.65	1.13	18.77	1.17	19.89	1.21	20.69	1.23	22.13	1.25	23.25	1.27
		80	17.21	1.19	18.33	1.23	19.45	1.27	20.25	1.29	21.68	1.31	22.80	1.34
		85	16.78	1.24	17.89	1.29	19.01	1.34	19.81	1.35	21.24	1.38	22.35	1.41
		90	16.35	1.30	17.46	1.35	18.57	1.40	19.37	1.42	20.80	1.44	21.91	1.47
		95	15.88	1.36	16.99	1.41	18.09	1.46	**18.60**	**1.48**	20.31	1.51	21.41	1.54
		100	15.49	1.42	16.60	1.47	17.71	1.52	18.36	1.54	19.92	1.57	21.02	1.60
		105	15.11	1.48	16.21	1.53	17.32	1.59	18.12	1.60	19.53	1.63	20.64	1.67
		110	14.72	1.53	15.83	1.59	16.93	1.65	17.73	1.67	19.14	1.70	20.25	1.73
		115	14.33	1.59	15.44	1.65	16.55	1.71	17.34	1.73	18.76	1.76	19.86	1.80
		118	14.10	1.63	15.21	1.69	16.31	1.75	17.11	1.77	18.53	1.80	19.63	1.84
		122	14.02	1.67	15.13	1.73	16.24	1.80	17.04	1.82	18.45	1.85	19.56	1.89
	9 + 12 + 12	14	18.23	0.92	19.37	0.96	20.50	0.99	21.32	1.01	22.76	1.02	23.90	1.04
		20	18.22	0.94	19.35	0.97	20.48	1.01	21.30	1.02	22.75	1.04	23.88	1.06
		25	18.21	0.95	19.34	0.99	20.47	1.02	21.28	1.03	22.73	1.05	23.86	1.07
		30	18.19	0.96	19.32	1.00	20.45	1.04	21.27	1.05	22.71	1.07	23.84	1.09
		35	18.18	0.98	19.31	1.01	20.44	1.05	21.25	1.06	22.69	1.08	23.82	1.10
		40	18.16	0.99	19.29	1.03	20.42	1.07	21.23	1.08	22.68	1.10	23.80	1.12
		45	18.15	1.00	19.28	1.04	20.40	1.08	21.22	1.09	22.66	1.11	23.79	1.13
		50	18.14	1.02	19.26	1.06	20.39	1.09	21.20	1.11	22.64	1.13	23.77	1.15
		55	18.12	1.03	19.25	1.07	20.37	1.11	21.19	1.12	22.62	1.14	23.75	1.16
		60	18.11	1.04	19.23	1.08	20.36	1.12	21.17	1.14	22.61	1.16	23.73	1.18
		65	18.09	1.06	19.22	1.10	20.34	1.14	21.15	1.15	22.59	1.17	23.71	1.19
		70	18.08	1.07	19.20	1.11	20.33	1.15	21.14	1.16	22.57	1.19	23.69	1.21
		75	17.65	1.13	18.77	1.17	19.89	1.21	20.69	1.23	22.13	1.25	23.25	1.27
		80	17.21	1.19	18.33	1.23	19.45	1.27	20.25	1.29	21.68	1.31	22.80	1.34
		85	16.78	1.24	17.89	1.29	19.01	1.34	19.81	1.35	21.24	1.38	22.35	1.41
		90	16.35	1.30	17.46	1.35	18.57	1.40	19.37	1.42	20.80	1.44	21.91	1.47
		95	15.88	1.36	16.99	1.41	18.09	1.46	**18.60**	**1.48**	20.31	1.51	21.41	1.54
		100	15.49	1.42	16.60	1.47	17.71	1.52	18.36	1.54	19.92	1.57	21.02	1.60
		105	15.11	1.48	16.21	1.53	17.32	1.59	18.12	1.60	19.53	1.63	20.64	1.67
		110	14.72	1.53	15.83	1.59	16.93	1.65	17.73	1.67	19.14	1.70	20.25	1.73
		115	14.33	1.59	15.44	1.65	16.55	1.71	17.34	1.73	18.76	1.76	19.86	1.80
		118	14.10	1.63	15.21	1.69	16.31	1.75	17.11	1.77	18.53	1.80	19.63	1.84
		122	14.02	1.67	15.13	1.73	16.24	1.80	17.04	1.82	18.45	1.85	19.56	1.89

TC = Total Capacity (kBtu/h).

PI = Power Input (kW).

Nominal capacity as rated: 0 ft. above sea level with 25 ft. of refrigerant piping.
0 ft. level difference between outdoor and indoor units.

Nominal cooling capacity rating obtained with air entering the indoor unit at 80ºF dry bulb (DB) and 67ºF wet bulb (WB), and outdoor ambient conditions of 95ºF dry bulb (DB) and 75ºF wet bulb (WB).

The shaded table rows indicate reference data. When operating at this temperature, these values can be different if the system is not running consistently.

Due to our policy of continuous product innovation, some specifications may change without notification.
©LG Electronics U.S.A., Inc., Englewood Cliffs, NJ. All rights reserved. "LG" is a registered trademark of LG Corp.

PERFORMANCE DATA

Cooling Capacity Tables

Table 40: LMU369HV Cooling Capacity Table — Non-Ducted Indoor Units.

Connected Indoor Units	Combination Capacity Index	Outdoor Air Temp. (°F DB)	Indoor Air Temp. °F DB / °F WB											
			68 / 57		73 / 61		77 / 64		80 / 67		86 / 72		90 / 75	
			TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
Two (2) Non-Ducted Indoor Units	9 + 9	14	17.65	1.19	18.74	1.23	19.84	1.28	20.63	1.29	22.03	1.32	23.12	1.34
		20	17.63	1.21	18.73	1.25	19.82	1.30	20.61	1.31	22.01	1.34	23.11	1.36
		25	17.62	1.22	18.71	1.27	19.81	1.31	20.60	1.33	22.00	1.35	23.09	1.38
		30	17.60	1.24	18.70	1.29	19.79	1.33	20.58	1.35	21.98	1.37	23.07	1.40
		35	17.59	1.26	18.68	1.30	19.78	1.35	20.57	1.37	21.96	1.39	23.05	1.42
		40	17.58	1.27	18.67	1.32	19.76	1.37	20.55	1.38	21.94	1.41	23.04	1.44
		45	17.56	1.29	18.66	1.34	19.75	1.39	20.53	1.40	21.93	1.43	23.02	1.46
		50	17.55	1.31	18.64	1.36	19.73	1.41	20.52	1.42	21.91	1.45	23.00	1.48
		55	17.54	1.33	18.63	1.37	19.72	1.42	20.50	1.44	21.89	1.47	22.98	1.50
		60	17.52	1.34	18.61	1.39	19.70	1.44	20.49	1.46	21.88	1.49	22.97	1.52
		65	17.51	1.36	18.60	1.41	19.69	1.46	20.47	1.48	21.86	1.51	22.95	1.54
		70	17.50	1.38	18.58	1.43	19.67	1.48	20.46	1.50	21.84	1.52	22.93	1.56
		75	17.08	1.45	18.16	1.50	19.24	1.56	20.03	1.58	21.41	1.61	22.50	1.64
		80	16.66	1.53	17.74	1.58	18.82	1.64	19.60	1.66	20.98	1.69	22.06	1.72
		85	16.24	1.60	17.32	1.66	18.40	1.72	19.17	1.74	20.55	1.77	21.63	1.81
		90	15.82	1.67	16.90	1.74	17.97	1.80	18.75	1.82	20.12	1.85	21.20	1.89
		95	15.37	1.75	16.44	1.81	17.51	1.88	**18.00**	**1.90**	19.65	1.94	20.72	1.97
		100	14.99	1.82	16.06	1.89	17.13	1.96	17.77	1.98	19.28	2.02	20.35	2.06
		105	14.62	1.90	15.69	1.97	16.76	2.04	17.53	2.06	18.90	2.10	19.97	2.14
		110	14.24	1.97	15.32	2.04	16.39	2.12	17.16	2.14	18.53	2.18	19.60	2.23
		115	13.87	2.05	14.94	2.12	16.01	2.20	16.79	2.22	18.15	2.26	19.22	2.31
		118	13.65	2.09	14.72	2.17	15.79	2.25	16.56	2.27	17.93	2.31	19.00	2.36
		122	13.57	2.15	14.64	2.23	15.71	2.31	16.49	2.34	17.85	2.38	18.92	2.43
	9 + 12	14	20.59	1.32	21.86	1.37	23.14	1.42	24.07	1.43	25.70	1.46	26.98	1.49
		20	20.57	1.34	21.85	1.39	23.13	1.44	24.05	1.46	25.68	1.48	26.96	1.51
		25	20.55	1.36	21.83	1.41	23.11	1.46	24.03	1.48	25.66	1.50	26.94	1.53
		30	20.54	1.38	21.81	1.43	23.09	1.48	24.01	1.50	25.64	1.52	26.92	1.56
		35	20.52	1.40	21.80	1.45	23.07	1.50	23.99	1.52	25.62	1.55	26.90	1.58
		40	20.51	1.42	21.78	1.47	23.05	1.52	23.97	1.54	25.60	1.57	26.88	1.60
		45	20.49	1.43	21.76	1.49	23.04	1.54	23.96	1.56	25.58	1.59	26.86	1.62
		50	20.48	1.45	21.75	1.51	23.02	1.56	23.94	1.58	25.56	1.61	26.83	1.64
		55	20.46	1.47	21.73	1.53	23.00	1.58	23.92	1.60	25.54	1.63	26.81	1.66
		60	20.44	1.49	21.71	1.55	22.98	1.60	23.90	1.62	25.52	1.65	26.79	1.68
		65	20.43	1.51	21.70	1.57	22.97	1.62	23.88	1.64	25.50	1.67	26.77	1.71
		70	20.41	1.53	21.68	1.58	22.95	1.64	23.86	1.66	25.48	1.69	26.75	1.73
		75	19.92	1.61	21.19	1.67	22.45	1.73	23.36	1.75	24.98	1.78	26.25	1.82
		80	19.43	1.69	20.69	1.76	21.95	1.82	22.87	1.84	24.48	1.88	25.74	1.91
		85	18.94	1.78	20.20	1.84	21.46	1.91	22.37	1.93	23.98	1.97	25.24	2.01
		90	18.46	1.86	19.71	1.93	20.97	2.00	21.87	2.02	23.48	2.06	24.73	2.10
		95	17.93	1.94	19.18	2.01	20.43	2.09	**21.00**	**2.11**	22.93	2.15	24.17	2.19
		100	17.49	2.02	18.74	2.10	19.99	2.17	20.73	2.20	22.49	2.24	23.74	2.29
		105	17.06	2.11	18.30	2.18	19.55	2.26	20.46	2.29	22.05	2.33	23.30	2.38
		110	16.62	2.19	17.87	2.27	19.12	2.35	20.02	2.38	21.62	2.42	22.86	2.47
		115	16.18	2.27	17.43	2.35	18.68	2.44	19.58	2.47	21.18	2.51	22.43	2.57
		118	15.92	2.32	17.17	2.41	18.42	2.49	19.32	2.52	20.92	2.57	22.17	2.62
		122	15.83	2.39	17.08	2.47	18.33	2.56	19.23	2.59	20.83	2.64	22.08	2.70

TC = Total Capacity (kBtu/h).

PI = Power Input (kW).

Nominal capacity as rated: 0 ft. above sea level with 25 ft. of refrigerant piping.
0 ft. level difference between outdoor and indoor units.

Nominal cooling capacity rating obtained with air entering the indoor unit at 80°F dry bulb (DB) and 67°F wet bulb (WB), and outdoor ambient conditions of 95°F dry bulb (DB) and 75°F wet bulb (WB).

The shaded table rows indicate reference data. When operating at this temperature, these values can be different if the system is not running consistently.

Due to our policy of continuous product innovation, some specifications may change without notification.
©LG Electronics U.S.A., Inc., Englewood Cliffs, NJ. All rights reserved. "LG" is a registered trademark of LG Corp.

PERFORMANCE DATA

Cooling Capacity Tables

Table 41: LMU369HV Cooling Capacity Table — Non-Ducted Indoor Units (continued).

Connected Indoor Units	Combination Capacity Index	Outdoor Air Temp. (°F DB)	Indoor Air Temp. °F DB / °F WB											
			68 / 57		73 / 61		77 / 64		80 / 67		86 / 72		90 / 75	
			TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
Two (2) Non-Ducted Indoor Units	12 + 12	14	23.53	1.45	24.99	1.50	26.45	1.56	27.50	1.58	29.37	1.61	30.83	1.64
		20	23.51	1.47	24.97	1.53	26.43	1.58	27.48	1.60	29.35	1.63	30.81	1.66
		25	23.49	1.49	24.95	1.55	26.41	1.60	27.46	1.62	29.33	1.65	30.79	1.69
		30	23.47	1.51	24.93	1.57	26.39	1.63	27.44	1.65	29.30	1.68	30.76	1.71
		35	23.46	1.54	24.91	1.59	26.37	1.65	27.42	1.67	29.28	1.70	30.74	1.73
		40	23.44	1.56	24.89	1.61	26.35	1.67	27.40	1.69	29.26	1.72	30.72	1.76
		45	23.42	1.58	24.87	1.63	26.33	1.69	27.38	1.71	29.24	1.75	30.69	1.78
		50	23.40	1.60	24.85	1.66	26.31	1.72	27.36	1.74	29.21	1.77	30.67	1.80
		55	23.38	1.62	24.84	1.68	26.29	1.74	27.34	1.76	29.19	1.79	30.64	1.83
		60	23.37	1.64	24.82	1.70	26.27	1.76	27.32	1.78	29.17	1.82	30.62	1.85
		65	23.35	1.66	24.80	1.72	26.25	1.78	27.29	1.80	29.15	1.84	30.60	1.88
		70	23.33	1.68	24.78	1.74	26.23	1.81	27.27	1.83	29.13	1.86	30.57	1.90
		75	22.77	1.77	24.21	1.84	25.66	1.90	26.70	1.93	28.55	1.96	29.99	2.00
		80	22.21	1.86	23.65	1.93	25.09	2.00	26.13	2.02	27.97	2.06	29.42	2.10
		85	21.65	1.95	23.09	2.02	24.53	2.10	25.57	2.12	27.40	2.16	28.84	2.21
		90	21.09	2.04	22.53	2.12	23.96	2.20	25.00	2.22	26.83	2.26	28.27	2.31
		95	20.49	2.13	21.92	2.21	23.35	2.29	**24.00**	**2.32**	26.20	2.36	27.63	2.41
		100	19.99	2.23	21.42	2.31	22.85	2.39	23.69	2.42	25.70	2.46	27.13	2.51
		105	19.49	2.32	20.92	2.40	22.35	2.49	23.38	2.52	25.20	2.56	26.63	2.62
		110	18.99	2.41	20.42	2.49	21.85	2.59	22.88	2.62	24.70	2.66	26.13	2.72
		115	18.49	2.50	19.92	2.59	21.35	2.68	22.38	2.71	24.20	2.77	25.63	2.82
		118	18.19	2.55	19.62	2.65	21.05	2.74	22.08	2.77	23.90	2.83	25.33	2.88
		122	18.10	2.62	19.52	2.72	20.95	2.82	21.98	2.85	23.81	2.91	25.23	2.96
	9 + 18	14	26.47	1.51	28.11	1.57	29.76	1.63	30.94	1.65	33.04	1.68	34.69	1.71
		20	26.45	1.54	28.09	1.59	29.73	1.65	30.92	1.67	33.02	1.70	34.66	1.73
		25	26.43	1.56	28.07	1.61	29.71	1.67	30.90	1.69	32.99	1.72	34.63	1.76
		30	26.41	1.58	28.05	1.64	29.69	1.70	30.87	1.72	32.97	1.75	34.61	1.78
		35	26.39	1.60	28.03	1.66	29.66	1.72	30.85	1.74	32.94	1.77	34.58	1.81
		40	26.37	1.62	28.00	1.68	29.64	1.74	30.82	1.76	32.92	1.80	34.55	1.83
		45	26.35	1.64	27.98	1.71	29.62	1.77	30.80	1.79	32.89	1.82	34.53	1.86
		50	26.33	1.67	27.96	1.73	29.60	1.79	30.78	1.81	32.87	1.85	34.50	1.88
		55	26.31	1.69	27.94	1.75	29.57	1.81	30.75	1.83	32.84	1.87	34.48	1.91
		60	26.29	1.71	27.92	1.77	29.55	1.84	30.73	1.86	32.82	1.89	34.45	1.93
		65	26.27	1.73	27.90	1.80	29.53	1.86	30.71	1.88	32.79	1.92	34.42	1.96
		70	26.25	1.75	27.88	1.82	29.51	1.88	30.68	1.91	32.77	1.94	34.40	1.98
		75	25.61	1.85	27.24	1.92	28.87	1.99	30.04	2.01	32.12	2.05	33.74	2.09
		80	24.98	1.94	26.60	2.01	28.23	2.09	29.40	2.11	31.47	2.15	33.09	2.19
		85	24.36	2.04	25.97	2.11	27.59	2.19	28.76	2.21	30.83	2.26	32.45	2.30
		90	23.73	2.13	25.34	2.21	26.96	2.29	28.12	2.32	30.19	2.36	31.80	2.41
		95	23.05	2.23	24.66	2.31	26.26	2.39	**27.00**	**2.42**	29.48	2.47	31.08	2.51
		100	22.49	2.32	24.10	2.41	25.70	2.49	26.65	2.52	28.91	2.57	30.52	2.62
		105	21.93	2.42	23.53	2.50	25.14	2.60	26.30	2.63	28.35	2.67	29.96	2.73
		110	21.37	2.51	22.97	2.60	24.58	2.70	25.74	2.73	27.79	2.78	29.40	2.84
		115	20.81	2.61	22.41	2.70	24.02	2.80	25.18	2.83	27.23	2.88	28.84	2.94
		118	20.47	2.66	22.08	2.76	23.68	2.86	24.84	2.89	26.89	2.95	28.50	3.01
		122	20.36	2.74	21.96	2.84	23.57	2.94	24.73	2.98	26.78	3.03	28.39	3.09

TC = Total Capacity (kBtu/h).

PI = Power Input (kW).

Nominal capacity as rated: 0 ft. above sea level with 25 ft. of refrigerant piping.
0 ft. level difference between outdoor and indoor units.

Nominal cooling capacity rating obtained with air entering the indoor unit at 80ºF dry bulb (DB) and 67ºF wet bulb (WB), and outdoor ambient conditions of 95ºF dry bulb (DB) and 75ºF wet bulb (WB).

The shaded table rows indicate reference data. When operating at this temperature, these values can be different if the system is not running consistently.

Due to our policy of continuous product innovation, some specifications may change without notification.
©LG Electronics U.S.A., Inc., Englewood Cliffs, NJ. All rights reserved. "LG" is a registered trademark of LG Corp.

PERFORMANCE DATA

Cooling Capacity Tables

Table 42: LMU369HV Cooling Capacity Table — Non-Ducted Indoor Units (continued).

Connected Indoor Units	Combination Capacity Index	Outdoor Air Temp. (°F DB)	Indoor Air Temp. °F DB / °F WB											
			68 / 57		73 / 61		77 / 64		80 / 67		86 / 72		90 / 75	
			TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
Two (2) Non-Ducted Indoor Units	12 + 18	14	29.41	1.63	31.24	1.69	33.06	1.75	34.38	1.77	36.71	1.80	38.54	1.84
		20	29.39	1.65	31.21	1.71	33.04	1.77	34.35	1.79	36.69	1.83	38.51	1.86
		25	29.36	1.67	31.19	1.73	33.01	1.80	34.33	1.82	36.66	1.85	38.48	1.89
		30	29.34	1.70	31.16	1.76	32.99	1.82	34.30	1.84	36.63	1.88	38.45	1.92
		35	29.32	1.72	31.14	1.78	32.96	1.85	34.28	1.87	36.60	1.90	38.42	1.94
		40	29.30	1.74	31.12	1.81	32.94	1.87	34.25	1.90	36.57	1.93	38.39	1.97
		45	29.27	1.77	31.09	1.83	32.91	1.90	34.22	1.92	36.55	1.96	38.36	2.00
		50	29.25	1.79	31.07	1.86	32.89	1.92	34.20	1.95	36.52	1.98	38.34	2.02
		55	29.23	1.81	31.04	1.88	32.86	1.95	34.17	1.97	36.49	2.01	38.31	2.05
		60	29.21	1.84	31.02	1.90	32.83	1.97	34.14	2.00	36.46	2.03	38.28	2.08
		65	29.18	1.86	31.00	1.93	32.81	2.00	34.12	2.02	36.43	2.06	38.25	2.10
		70	29.16	1.88	30.97	1.95	32.78	2.02	34.09	2.05	36.41	2.09	38.22	2.13
		75	28.46	1.99	30.27	2.06	32.07	2.13	33.38	2.16	35.69	2.20	37.49	2.24
		80	27.76	2.09	29.56	2.16	31.36	2.24	32.66	2.27	34.97	2.31	36.77	2.36
		85	27.06	2.19	28.86	2.27	30.66	2.35	31.96	2.38	34.25	2.42	36.05	2.47
		90	26.37	2.29	28.16	2.37	29.95	2.46	31.25	2.49	33.54	2.54	35.33	2.59
		95	25.61	2.39	27.40	2.48	29.18	2.57	**30.00**	**2.60**	32.75	2.65	34.53	2.70
		100	24.99	2.49	26.77	2.59	28.56	2.68	29.61	2.71	32.13	2.76	33.91	2.82
		105	24.37	2.60	26.15	2.69	27.93	2.79	29.22	2.82	31.50	2.87	33.29	2.93
		110	23.74	2.70	25.53	2.80	27.31	2.90	28.60	2.93	30.88	2.99	32.66	3.05
		115	23.12	2.80	24.90	2.90	26.69	3.01	27.98	3.04	30.26	3.10	32.04	3.16
		118	22.74	2.86	24.53	2.96	26.31	3.07	27.60	3.11	29.88	3.17	31.67	3.23
		122	22.62	2.94	24.40	3.05	26.19	3.16	27.48	3.20	29.76	3.26	31.54	3.32
	18 + 18	14	32.35	1.80	34.36	1.87	36.37	1.94	37.82	1.96	40.39	2.00	42.40	2.04
		20	32.33	1.83	34.33	1.89	36.34	1.96	37.79	1.99	40.36	2.02	42.36	2.06
		25	32.30	1.85	34.31	1.92	36.31	1.99	37.76	2.01	40.32	2.05	42.33	2.09
		30	32.28	1.88	34.28	1.95	36.28	2.02	37.73	2.04	40.29	2.08	42.30	2.12
		35	32.25	1.91	34.25	1.98	36.26	2.05	37.70	2.07	40.26	2.11	42.27	2.15
		40	32.23	1.93	34.23	2.00	36.23	2.08	37.67	2.10	40.23	2.14	42.23	2.18
		45	32.20	1.96	34.20	2.03	36.20	2.10	37.65	2.13	40.20	2.17	42.20	2.21
		50	32.18	1.98	34.18	2.06	36.17	2.13	37.62	2.16	40.17	2.20	42.17	2.24
		55	32.15	2.01	34.15	2.08	36.15	2.16	37.59	2.18	40.14	2.22	42.14	2.27
		60	32.13	2.04	34.12	2.11	36.12	2.19	37.56	2.21	40.11	2.25	42.10	2.30
		65	32.10	2.06	34.10	2.14	36.09	2.21	37.53	2.24	40.08	2.28	42.07	2.33
		70	32.08	2.09	34.07	2.16	36.06	2.24	37.50	2.27	40.05	2.31	42.04	2.36
		75	31.31	2.20	33.29	2.28	35.28	2.36	36.72	2.39	39.26	2.44	41.24	2.48
		80	30.53	2.31	32.52	2.40	34.50	2.48	35.93	2.51	38.46	2.56	40.45	2.61
		85	29.77	2.42	31.75	2.51	33.72	2.61	35.15	2.64	37.68	2.68	39.66	2.74
		90	29.00	2.54	30.98	2.63	32.95	2.73	34.37	2.76	36.89	2.81	38.87	2.87
		95	28.17	2.65	30.14	2.75	32.10	2.85	**33.00**	**2.88**	36.03	2.93	37.99	2.99
		100	27.49	2.76	29.45	2.86	31.41	2.97	32.57	3.00	35.34	3.06	37.30	3.12
		105	26.80	2.88	28.76	2.98	30.73	3.09	32.14	3.12	34.65	3.18	36.62	3.25
		110	26.12	2.99	28.08	3.10	30.04	3.21	31.46	3.25	33.97	3.31	35.93	3.37
		115	25.43	3.10	27.39	3.21	29.36	3.33	30.77	3.37	33.28	3.43	35.24	3.50
		118	25.02	3.17	26.98	3.28	28.94	3.40	30.36	3.44	32.87	3.51	34.83	3.58
		122	24.88	3.26	26.84	3.38	28.81	3.50	30.22	3.54	32.73	3.61	34.69	3.68

TC = Total Capacity (kBtu/h).

PI = Power Input (kW).

Nominal capacity as rated: 0 ft. above sea level with 25 ft. of refrigerant piping.
0 ft. level difference between outdoor and indoor units.

Nominal cooling capacity rating obtained with air entering the indoor unit at 80ºF dry bulb (DB) and 67ºF wet bulb (WB), and outdoor ambient conditions of 95ºF dry bulb (DB) and 75ºF wet bulb (WB).

The shaded table rows indicate reference data. When operating at this temperature, these values can be different if the system is not running consistently.

Due to our policy of continuous product innovation, some specifications may change without notification.
©LG Electronics U.S.A., Inc., Englewood Cliffs, NJ. All rights reserved. "LG" is a registered trademark of LG Corp.

PERFORMANCE DATA

Cooling Capacity Tables

Table 43: LMU369HV Cooling Capacity Table — Non-Ducted Indoor Units (continued).

Connected Indoor Units	Combination Capacity Index	Outdoor Air Temp. (°F DB)	Indoor Air Temp. °F DB / °F WB											
			68 / 57		73 / 61		77 / 64		80 / 67		86 / 72		90 / 75	
			TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
Three (3) Non-Ducted Indoor Units	9 + 9 + 9	14	26.47	1.51	28.11	1.57	29.76	1.63	30.94	1.65	33.04	1.68	34.69	1.71
		20	26.45	1.54	28.09	1.59	29.73	1.65	30.92	1.67	33.02	1.70	34.66	1.73
		25	26.43	1.56	28.07	1.61	29.71	1.67	30.90	1.69	32.99	1.72	34.63	1.76
		30	26.41	1.58	28.05	1.64	29.69	1.70	30.87	1.72	32.97	1.75	34.61	1.78
		35	26.39	1.60	28.03	1.66	29.66	1.72	30.85	1.74	32.94	1.77	34.58	1.81
		40	26.37	1.62	28.00	1.68	29.64	1.74	30.82	1.76	32.92	1.80	34.55	1.83
		45	26.35	1.64	27.98	1.71	29.62	1.77	30.80	1.79	32.89	1.82	34.53	1.86
		50	26.33	1.67	27.96	1.73	29.60	1.79	30.78	1.81	32.87	1.85	34.50	1.88
		55	26.31	1.69	27.94	1.75	29.57	1.81	30.75	1.83	32.84	1.87	34.48	1.91
		60	26.29	1.71	27.92	1.77	29.55	1.84	30.73	1.86	32.82	1.89	34.45	1.93
		65	26.27	1.73	27.90	1.80	29.53	1.86	30.71	1.88	32.79	1.92	34.42	1.96
		70	26.25	1.75	27.88	1.82	29.51	1.88	30.68	1.91	32.77	1.94	34.40	1.98
		75	25.61	1.85	27.24	1.92	28.87	1.99	30.04	2.01	32.12	2.05	33.74	2.09
		80	24.98	1.94	26.60	2.01	28.23	2.09	29.40	2.11	31.47	2.15	33.09	2.19
		85	24.36	2.04	25.97	2.11	27.59	2.19	28.76	2.21	30.83	2.26	32.45	2.30
		90	23.73	2.13	25.34	2.21	26.96	2.29	28.12	2.32	30.19	2.36	31.80	2.41
		95	23.05	2.23	24.66	2.31	26.26	2.39	**27.00**	**2.42**	29.48	2.47	31.08	2.51
		100	22.49	2.32	24.10	2.41	25.70	2.49	26.65	2.52	28.91	2.57	30.52	2.62
		105	21.93	2.42	23.53	2.50	25.14	2.60	26.30	2.63	28.35	2.67	29.96	2.73
		110	21.37	2.51	22.97	2.60	24.58	2.70	25.74	2.73	27.79	2.78	29.40	2.84
		115	20.81	2.61	22.41	2.70	24.02	2.80	25.18	2.83	27.23	2.88	28.84	2.94
		118	20.47	2.66	22.08	2.76	23.68	2.86	24.84	2.89	26.89	2.95	28.50	3.01
		122	20.36	2.74	21.96	2.84	23.57	2.94	24.73	2.98	26.78	3.03	28.39	3.09
	9 + 9 + 12	14	29.41	1.63	31.24	1.69	33.06	1.75	34.38	1.77	36.71	1.80	38.54	1.84
		20	29.39	1.65	31.21	1.71	33.04	1.77	34.35	1.79	36.69	1.83	38.51	1.86
		25	29.36	1.67	31.19	1.73	33.01	1.80	34.33	1.82	36.66	1.85	38.48	1.89
		30	29.34	1.70	31.16	1.76	32.99	1.82	34.30	1.84	36.63	1.88	38.45	1.92
		35	29.32	1.72	31.14	1.78	32.96	1.85	34.28	1.87	36.60	1.90	38.42	1.94
		40	29.30	1.74	31.12	1.81	32.94	1.87	34.25	1.90	36.57	1.93	38.39	1.97
		45	29.27	1.77	31.09	1.83	32.91	1.90	34.22	1.92	36.55	1.96	38.36	2.00
		50	29.25	1.79	31.07	1.86	32.89	1.92	34.20	1.95	36.52	1.98	38.34	2.02
		55	29.23	1.81	31.04	1.88	32.86	1.95	34.17	1.97	36.49	2.01	38.31	2.05
		60	29.21	1.84	31.02	1.90	32.83	1.97	34.14	2.00	36.46	2.03	38.28	2.08
		65	29.18	1.86	31.00	1.93	32.81	2.00	34.12	2.02	36.43	2.06	38.25	2.10
		70	29.16	1.88	30.97	1.95	32.78	2.02	34.09	2.05	36.41	2.09	38.22	2.13
		75	28.46	1.99	30.27	2.06	32.07	2.13	33.38	2.16	35.69	2.20	37.49	2.24
		80	27.76	2.09	29.56	2.16	31.36	2.24	32.66	2.27	34.97	2.31	36.77	2.36
		85	27.06	2.19	28.86	2.27	30.66	2.35	31.96	2.38	34.25	2.42	36.05	2.47
		90	26.37	2.29	28.16	2.37	29.95	2.46	31.25	2.49	33.54	2.54	35.33	2.59
		95	25.61	2.39	27.40	2.48	29.18	2.57	**30.00**	**2.60**	32.75	2.65	34.53	2.70
		100	24.99	2.49	26.77	2.59	28.56	2.68	29.61	2.71	32.13	2.76	33.91	2.82
		105	24.37	2.60	26.15	2.69	27.93	2.79	29.22	2.82	31.50	2.87	33.29	2.93
		110	23.74	2.70	25.53	2.80	27.31	2.90	28.60	2.93	30.88	2.99	32.66	3.05
		115	23.12	2.80	24.90	2.90	26.69	3.01	27.98	3.04	30.26	3.10	32.04	3.16
		118	22.74	2.86	24.53	2.96	26.31	3.07	27.60	3.11	29.88	3.17	31.67	3.23
		122	22.62	2.94	24.40	3.05	26.19	3.16	27.48	3.20	29.76	3.26	31.54	3.32

TC = Total Capacity (kBtu/h).

PI = Power Input (kW).

Nominal capacity as rated: 0 ft. above sea level with 25 ft. of refrigerant piping.
0 ft. level difference between outdoor and indoor units.

Nominal cooling capacity rating obtained with air entering the indoor unit at 80ºF dry bulb (DB) and 67ºF wet bulb (WB), and outdoor ambient conditions of 95ºF dry bulb (DB) and 75ºF wet bulb (WB).

The shaded table rows indicate reference data. When operating at this temperature, these values can be different if the system is not running consistently.

Due to our policy of continuous product innovation, some specifications may change without notification.
©LG Electronics U.S.A., Inc., Englewood Cliffs, NJ. All rights reserved. "LG" is a registered trademark of LG Corp.

Table 44: LMU369HV Cooling Capacity Table — Non-Ducted Indoor Units (continued).

Connected Indoor Units	Combination Capacity Index	Outdoor Air Temp. (°F DB)	Indoor Air Temp. °F DB / °F WB											
			68 / 57		73 / 61		77 / 64		80 / 67		86 / 72		90 / 75	
			TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
Three (3) Non-Ducted Indoor Units	9 + 12 +12	14	29.41	1.63	31.24	1.69	33.06	1.75	34.38	1.77	36.71	1.80	38.54	1.84
		20	29.39	1.65	31.21	1.71	33.04	1.77	34.35	1.79	36.69	1.83	38.51	1.86
		25	29.36	1.67	31.19	1.73	33.01	1.80	34.33	1.82	36.66	1.85	38.48	1.89
		30	29.34	1.70	31.16	1.76	32.99	1.82	34.30	1.84	36.63	1.88	38.45	1.92
		35	29.32	1.72	31.14	1.78	32.96	1.85	34.28	1.87	36.60	1.90	38.42	1.94
		40	29.30	1.74	31.12	1.81	32.94	1.87	34.25	1.90	36.57	1.93	38.39	1.97
		45	29.27	1.77	31.09	1.83	32.91	1.90	34.22	1.92	36.55	1.96	38.36	2.00
		50	29.25	1.79	31.07	1.86	32.89	1.92	34.20	1.95	36.52	1.98	38.34	2.02
		55	29.23	1.81	31.04	1.88	32.86	1.95	34.17	1.97	36.49	2.01	38.31	2.05
		60	29.21	1.84	31.02	1.90	32.83	1.97	34.14	2.00	36.46	2.03	38.28	2.08
		65	29.18	1.86	31.00	1.93	32.81	2.00	34.12	2.02	36.43	2.06	38.25	2.10
		70	29.16	1.88	30.97	1.95	32.78	2.02	34.09	2.05	36.41	2.09	38.22	2.13
		75	28.46	1.99	30.27	2.06	32.07	2.13	33.38	2.16	35.69	2.20	37.49	2.24
		80	27.76	2.09	29.56	2.16	31.36	2.24	32.66	2.27	34.97	2.31	36.77	2.36
		85	27.06	2.19	28.86	2.27	30.66	2.35	31.96	2.38	34.25	2.42	36.05	2.47
		90	26.37	2.29	28.16	2.37	29.95	2.46	31.25	2.49	33.54	2.54	35.33	2.59
		95	25.61	2.39	27.40	2.48	29.18	2.57	**30.00**	**2.60**	32.75	2.65	34.53	2.70
		100	24.99	2.49	26.77	2.59	28.56	2.68	29.61	2.71	32.13	2.76	33.91	2.82
		105	24.37	2.60	26.15	2.69	27.93	2.79	29.22	2.82	31.50	2.87	33.29	2.93
		110	23.74	2.70	25.53	2.80	27.31	2.90	28.60	2.93	30.88	2.99	32.66	3.05
		115	23.12	2.80	24.90	2.90	26.69	3.01	27.98	3.04	30.26	3.10	32.04	3.16
		118	22.74	2.86	24.53	2.96	26.31	3.07	27.60	3.11	29.88	3.17	31.67	3.23
		122	22.62	2.94	24.40	3.05	26.19	3.16	27.48	3.20	29.76	3.26	31.54	3.32
	12 + 12 + 12	14	33.33	1.70	35.40	1.76	37.47	1.83	38.96	1.85	41.61	1.88	43.68	1.92
		20	33.30	1.73	35.37	1.79	37.44	1.86	38.94	1.88	41.58	1.91	43.65	1.95
		25	33.28	1.75	35.35	1.82	37.41	1.88	38.91	1.90	41.55	1.94	43.61	1.98
		30	33.25	1.78	35.32	1.84	37.38	1.91	38.88	1.93	41.51	1.97	43.58	2.01
		35	33.23	1.80	35.29	1.87	37.36	1.93	38.85	1.96	41.48	1.99	43.55	2.03
		40	33.20	1.82	35.27	1.89	37.33	1.96	38.82	1.98	41.45	2.02	43.51	2.06
		45	33.18	1.85	35.24	1.92	37.30	1.99	38.79	2.01	41.42	2.05	43.48	2.09
		50	33.15	1.87	35.21	1.94	37.27	2.01	38.76	2.04	41.39	2.07	43.45	2.12
		55	33.13	1.90	35.18	1.97	37.24	2.04	38.73	2.06	41.36	2.10	43.41	2.14
		60	33.10	1.92	35.16	1.99	37.21	2.07	38.70	2.09	41.32	2.13	43.38	2.17
		65	33.08	1.95	35.13	2.02	37.18	2.09	38.67	2.12	41.29	2.16	43.35	2.20
		70	33.05	1.97	35.10	2.04	37.16	2.12	38.64	2.14	41.26	2.18	43.31	2.23
		75	32.26	2.08	34.30	2.15	36.35	2.23	37.83	2.26	40.45	2.30	42.49	2.35
		80	31.46	2.18	33.50	2.26	35.54	2.35	37.02	2.37	39.63	2.42	41.67	2.47
		85	30.67	2.29	32.71	2.37	34.75	2.46	36.22	2.49	38.82	2.54	40.86	2.59
		90	29.88	2.40	31.92	2.48	33.95	2.57	35.42	2.60	38.01	2.65	40.05	2.71
		95	29.03	2.50	31.05	2.59	33.07	2.69	**34.00**	**2.72**	37.12	2.77	39.14	2.83
		100	28.32	2.61	30.34	2.70	32.37	2.80	33.56	2.84	36.41	2.89	38.43	2.95
		105	27.61	2.72	29.64	2.81	31.66	2.92	33.12	2.95	35.70	3.01	37.73	3.07
		110	26.91	2.82	28.93	2.92	30.95	3.03	32.41	3.07	35.00	3.12	37.02	3.19
		115	26.20	2.93	28.22	3.04	30.24	3.15	31.71	3.18	34.29	3.24	36.31	3.31
		118	25.78	2.99	27.80	3.10	29.82	3.21	31.28	3.25	33.87	3.31	35.89	3.38
		122	25.63	3.08	27.66	3.19	29.68	3.31	31.14	3.34	33.72	3.41	35.75	3.48

TC = Total Capacity (kBtu/h).

PI = Power Input (kW).

Nominal capacity as rated: 0 ft. above sea level with 25 ft. of refrigerant piping.
0 ft. level difference between outdoor and indoor units.

Nominal cooling capacity rating obtained with air entering the indoor unit at 80ºF dry bulb (DB) and 67ºF wet bulb (WB), and outdoor ambient conditions of 95ºF dry bulb (DB) and 75ºF wet bulb (WB).

The shaded table rows indicate reference data. When operating at this temperature, these values can be different if the system is not running consistently.

Due to our policy of continuous product innovation, some specifications may change without notification.
©LG Electronics U.S.A., Inc., Englewood Cliffs, NJ. All rights reserved. "LG" is a registered trademark of LG Corp.

PERFORMANCE DATA

Cooling Capacity Tables

Table 45: LMU369HV Cooling Capacity Table — Non-Ducted Indoor Units (continued).

Connected Indoor Units	Combination Capacity Index	Outdoor Air Temp. (°F DB)	Indoor Air Temp. °F DB / °F WB											
			68 / 57		73 / 61		77 / 64		80 / 67		86 / 72		90 / 75	
			TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
Three (3) Non-Ducted Indoor Units	9 + 9 + 18	14	33.33	1.70	35.40	1.76	37.47	1.83	38.96	1.85	41.61	1.88	43.68	1.92
		20	33.30	1.73	35.37	1.79	37.44	1.86	38.94	1.88	41.58	1.91	43.65	1.95
		25	33.28	1.75	35.35	1.82	37.41	1.88	38.91	1.90	41.55	1.94	43.61	1.98
		30	33.25	1.78	35.32	1.84	37.38	1.91	38.88	1.93	41.51	1.97	43.58	2.01
		35	33.23	1.80	35.29	1.87	37.36	1.93	38.85	1.96	41.48	1.99	43.55	2.03
		40	33.20	1.82	35.27	1.89	37.33	1.96	38.82	1.98	41.45	2.02	43.51	2.06
		45	33.18	1.85	35.24	1.92	37.30	1.99	38.79	2.01	41.42	2.05	43.48	2.09
		50	33.15	1.87	35.21	1.94	37.27	2.01	38.76	2.04	41.39	2.07	43.45	2.12
		55	33.13	1.90	35.18	1.97	37.24	2.04	38.73	2.06	41.36	2.10	43.41	2.14
		60	33.10	1.92	35.16	1.99	37.21	2.07	38.70	2.09	41.32	2.13	43.38	2.17
		65	33.08	1.95	35.13	2.02	37.18	2.09	38.67	2.12	41.29	2.16	43.35	2.20
		70	33.05	1.97	35.10	2.04	37.16	2.12	38.64	2.14	41.26	2.18	43.31	2.23
		75	32.26	2.08	34.30	2.15	36.35	2.23	37.83	2.26	40.45	2.30	42.49	2.35
		80	31.46	2.18	33.50	2.26	35.54	2.35	37.02	2.37	39.63	2.42	41.67	2.47
		85	30.67	2.29	32.71	2.37	34.75	2.46	36.22	2.49	38.82	2.54	40.86	2.59
		90	29.88	2.40	31.92	2.48	33.95	2.57	35.42	2.60	38.01	2.65	40.05	2.71
		95	29.03	2.50	31.05	2.59	33.07	2.69	**34.00**	**2.72**	37.12	2.77	39.14	2.83
		100	28.32	2.61	30.34	2.70	32.37	2.80	33.56	2.84	36.41	2.89	38.43	2.95
		105	27.61	2.72	29.64	2.81	31.66	2.92	33.12	2.95	35.70	3.01	37.73	3.07
		110	26.91	2.82	28.93	2.92	30.95	3.03	32.41	3.07	35.00	3.12	37.02	3.19
		115	26.20	2.93	28.22	3.04	30.24	3.15	31.71	3.18	34.29	3.24	36.31	3.31
		118	25.78	2.99	27.80	3.10	29.82	3.21	31.28	3.25	33.87	3.31	35.89	3.38
		122	25.63	3.08	27.66	3.19	29.68	3.31	31.14	3.34	33.72	3.41	35.75	3.48
	9 + 12 +18	14	33.33	1.70	35.40	1.76	37.47	1.83	38.96	1.85	41.61	1.88	43.68	1.92
		20	33.30	1.73	35.37	1.79	37.44	1.86	38.94	1.88	41.58	1.91	43.65	1.95
		25	33.28	1.75	35.35	1.82	37.41	1.88	38.91	1.90	41.55	1.94	43.61	1.98
		30	33.25	1.78	35.32	1.84	37.38	1.91	38.88	1.93	41.51	1.97	43.58	2.01
		35	33.23	1.80	35.29	1.87	37.36	1.93	38.85	1.96	41.48	1.99	43.55	2.03
		40	33.20	1.82	35.27	1.89	37.33	1.96	38.82	1.98	41.45	2.02	43.51	2.06
		45	33.18	1.85	35.24	1.92	37.30	1.99	38.79	2.01	41.42	2.05	43.48	2.09
		50	33.15	1.87	35.21	1.94	37.27	2.01	38.76	2.04	41.39	2.07	43.45	2.12
		55	33.13	1.90	35.18	1.97	37.24	2.04	38.73	2.06	41.36	2.10	43.41	2.14
		60	33.10	1.92	35.16	1.99	37.21	2.07	38.70	2.09	41.32	2.13	43.38	2.17
		65	33.08	1.95	35.13	2.02	37.18	2.09	38.67	2.12	41.29	2.16	43.35	2.20
		70	33.05	1.97	35.10	2.04	37.16	2.12	38.64	2.14	41.26	2.18	43.31	2.23
		75	32.26	2.08	34.30	2.15	36.35	2.23	37.83	2.26	40.45	2.30	42.49	2.35
		80	31.46	2.18	33.50	2.26	35.54	2.35	37.02	2.37	39.63	2.42	41.67	2.47
		85	30.67	2.29	32.71	2.37	34.75	2.46	36.22	2.49	38.82	2.54	40.86	2.59
		90	29.88	2.40	31.92	2.48	33.95	2.57	35.42	2.60	38.01	2.65	40.05	2.71
		95	29.03	2.50	31.05	2.59	33.07	2.69	**34.00**	**2.72**	37.12	2.77	39.14	2.83
		100	28.32	2.61	30.34	2.70	32.37	2.80	33.56	2.84	36.41	2.89	38.43	2.95
		105	27.61	2.72	29.64	2.81	31.66	2.92	33.12	2.95	35.70	3.01	37.73	3.07
		110	26.91	2.82	28.93	2.92	30.95	3.03	32.41	3.07	35.00	3.12	37.02	3.19
		115	26.20	2.93	28.22	3.04	30.24	3.15	31.71	3.18	34.29	3.24	36.31	3.31
		118	25.78	2.99	27.80	3.10	29.82	3.21	31.28	3.25	33.87	3.31	35.89	3.38
		122	25.63	3.08	27.66	3.19	29.68	3.31	31.14	3.34	33.72	3.41	35.75	3.48

TC = Total Capacity (kBtu/h).

PI = Power Input (kW).

Nominal capacity as rated: 0 ft. above sea level with 25 ft. of refrigerant piping.
0 ft. level difference between outdoor and indoor units.

Nominal cooling capacity rating obtained with air entering the indoor unit at 80°F dry bulb (DB) and 67°F wet bulb (WB), and outdoor ambient conditions of 95°F dry bulb (DB) and 75°F wet bulb (WB).

The shaded table rows indicate reference data. When operating at this temperature, these values can be different if the system is not running consistently.

Due to our policy of continuous product innovation, some specifications may change without notification.
©LG Electronics U.S.A., Inc., Englewood Cliffs, NJ. All rights reserved. "LG" is a registered trademark of LG Corp.

Table 46: LMU369HV Cooling Capacity Table — Non-Ducted Indoor Units (continued).

Connected Indoor Units	Combination Capacity Index	Outdoor Air Temp. (°F DB)	Indoor Air Temp. °F DB / °F WB											
			68 / 57		73 / 61		77 / 64		80 / 67		86 / 72		90 / 75	
			TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
Three (3) Non-Ducted Indoor Units	12 + 12 + 18	14	33.33	1.70	35.40	1.76	37.47	1.83	38.96	1.85	41.61	1.88	43.68	1.92
		20	33.30	1.73	35.37	1.79	37.44	1.86	38.94	1.88	41.58	1.91	43.65	1.95
		25	33.28	1.75	35.35	1.82	37.41	1.88	38.91	1.90	41.55	1.94	43.61	1.98
		30	33.25	1.78	35.32	1.84	37.38	1.91	38.88	1.93	41.51	1.97	43.58	2.01
		35	33.23	1.80	35.29	1.87	37.36	1.93	38.85	1.96	41.48	1.99	43.55	2.03
		40	33.20	1.82	35.27	1.89	37.33	1.96	38.82	1.98	41.45	2.02	43.51	2.06
		45	33.18	1.85	35.24	1.92	37.30	1.99	38.79	2.01	41.42	2.05	43.48	2.09
		50	33.15	1.87	35.21	1.94	37.27	2.01	38.76	2.04	41.39	2.07	43.45	2.12
		55	33.13	1.90	35.18	1.97	37.24	2.04	38.73	2.06	41.36	2.10	43.41	2.14
		60	33.10	1.92	35.16	1.99	37.21	2.07	38.70	2.09	41.32	2.13	43.38	2.17
		65	33.08	1.95	35.13	2.02	37.18	2.09	38.67	2.12	41.29	2.16	43.35	2.20
		70	33.05	1.97	35.10	2.04	37.16	2.12	38.64	2.14	41.26	2.18	43.31	2.23
		75	32.26	2.08	34.30	2.15	36.35	2.23	37.83	2.26	40.45	2.30	42.49	2.35
		80	31.46	2.18	33.50	2.26	35.54	2.35	37.02	2.37	39.63	2.42	41.67	2.47
		85	30.67	2.29	32.71	2.37	34.75	2.46	36.22	2.49	38.82	2.54	40.86	2.59
		90	29.88	2.40	31.92	2.48	33.95	2.57	35.42	2.60	38.01	2.65	40.05	2.71
		95	29.03	2.50	31.05	2.59	33.07	2.69	**34.00**	**2.72**	37.12	2.77	39.14	2.83
		100	28.32	2.61	30.34	2.70	32.37	2.80	33.56	2.84	36.41	2.89	38.43	2.95
		105	27.61	2.72	29.64	2.81	31.66	2.92	33.12	2.95	35.70	3.01	37.73	3.07
		110	26.91	2.82	28.93	2.92	30.95	3.03	32.41	3.07	35.00	3.12	37.02	3.19
		115	26.20	2.93	28.22	3.04	30.24	3.15	31.71	3.18	34.29	3.24	36.31	3.31
		118	25.78	2.99	27.80	3.10	29.82	3.21	31.28	3.25	33.87	3.31	35.89	3.38
		122	25.63	3.08	27.66	3.19	29.68	3.31	31.14	3.34	33.72	3.41	35.75	3.48
	9 + 18 + 18	14	33.33	1.70	35.40	1.76	37.47	1.83	38.96	1.85	41.61	1.88	43.68	1.92
		20	33.30	1.73	35.37	1.79	37.44	1.86	38.94	1.88	41.58	1.91	43.65	1.95
		25	33.28	1.75	35.35	1.82	37.41	1.88	38.91	1.90	41.55	1.94	43.61	1.98
		30	33.25	1.78	35.32	1.84	37.38	1.91	38.88	1.93	41.51	1.97	43.58	2.01
		35	33.23	1.80	35.29	1.87	37.36	1.93	38.85	1.96	41.48	1.99	43.55	2.03
		40	33.20	1.82	35.27	1.89	37.33	1.96	38.82	1.98	41.45	2.02	43.51	2.06
		45	33.18	1.85	35.24	1.92	37.30	1.99	38.79	2.01	41.42	2.05	43.48	2.09
		50	33.15	1.87	35.21	1.94	37.27	2.01	38.76	2.04	41.39	2.07	43.45	2.12
		55	33.13	1.90	35.18	1.97	37.24	2.04	38.73	2.06	41.36	2.10	43.41	2.14
		60	33.10	1.92	35.16	1.99	37.21	2.07	38.70	2.09	41.32	2.13	43.38	2.17
		65	33.08	1.95	35.13	2.02	37.18	2.09	38.67	2.12	41.29	2.16	43.35	2.20
		70	33.05	1.97	35.10	2.04	37.16	2.12	38.64	2.14	41.26	2.18	43.31	2.23
		75	32.26	2.08	34.30	2.15	36.35	2.23	37.83	2.26	40.45	2.30	42.49	2.35
		80	31.46	2.18	33.50	2.26	35.54	2.35	37.02	2.37	39.63	2.42	41.67	2.47
		85	30.67	2.29	32.71	2.37	34.75	2.46	36.22	2.49	38.82	2.54	40.86	2.59
		90	29.88	2.40	31.92	2.48	33.95	2.57	35.42	2.60	38.01	2.65	40.05	2.71
		95	29.03	2.50	31.05	2.59	33.07	2.69	**34.00**	**2.72**	37.12	2.77	39.14	2.83
		100	28.32	2.61	30.34	2.70	32.37	2.80	33.56	2.84	36.41	2.89	38.43	2.95
		105	27.61	2.72	29.64	2.81	31.66	2.92	33.12	2.95	35.70	3.01	37.73	3.07
		110	26.91	2.82	28.93	2.92	30.95	3.03	32.41	3.07	35.00	3.12	37.02	3.19
		115	26.20	2.93	28.22	3.04	30.24	3.15	31.71	3.18	34.29	3.24	36.31	3.31
		118	25.78	2.99	27.80	3.10	29.82	3.21	31.28	3.25	33.87	3.31	35.89	3.38
		122	25.63	3.08	27.66	3.19	29.68	3.31	31.14	3.34	33.72	3.41	35.75	3.48

TC = Total Capacity (kBtu/h).

PI = Power Input (kW).

Nominal capacity as rated: 0 ft. above sea level with 25 ft. of refrigerant piping.
0 ft. level difference between outdoor and indoor units.

Nominal cooling capacity rating obtained with air entering the indoor unit at 80ºF dry bulb (DB) and 67ºF wet bulb (WB), and outdoor ambient conditions of 95ºF dry bulb (DB) and 75ºF wet bulb (WB).

The shaded table rows indicate reference data. When operating at this temperature, these values can be different if the system is not running consistently.

Due to our policy of continuous product innovation, some specifications may change without notification.
©LG Electronics U.S.A., Inc., Englewood Cliffs, NJ. All rights reserved. "LG" is a registered trademark of LG Corp.

PERFORMANCE DATA

Cooling Capacity Tables

Table 47: LMU369HV Cooling Capacity Table — Non-Ducted Indoor Units (continued).

Connected Indoor Units	Combination Capacity Index	Outdoor Air Temp. (°F DB)	Indoor Air Temp. °F DB / °F WB											
			68 / 57		73 / 61		77 / 64		80 / 67		86 / 72		90 / 75	
			TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
Three (3) Non-Ducted Indoor Units	12 + 18 + 18	14	33.33	1.70	35.40	1.76	37.47	1.83	38.96	1.85	41.61	1.88	43.68	1.92
		20	33.30	1.73	35.37	1.79	37.44	1.86	38.94	1.88	41.58	1.91	43.65	1.95
		25	33.28	1.75	35.35	1.82	37.41	1.88	38.91	1.90	41.55	1.94	43.61	1.98
		30	33.25	1.78	35.32	1.84	37.38	1.91	38.88	1.93	41.51	1.97	43.58	2.01
		35	33.23	1.80	35.29	1.87	37.36	1.93	38.85	1.96	41.48	1.99	43.55	2.03
		40	33.20	1.82	35.27	1.89	37.33	1.96	38.82	1.98	41.45	2.02	43.51	2.06
		45	33.18	1.85	35.24	1.92	37.30	1.99	38.79	2.01	41.42	2.05	43.48	2.09
		50	33.15	1.87	35.21	1.94	37.27	2.01	38.76	2.04	41.39	2.07	43.45	2.12
		55	33.13	1.90	35.18	1.97	37.24	2.04	38.73	2.06	41.36	2.10	43.41	2.14
		60	33.10	1.92	35.16	1.99	37.21	2.07	38.70	2.09	41.32	2.13	43.38	2.17
		65	33.08	1.95	35.13	2.02	37.18	2.09	38.67	2.12	41.29	2.16	43.35	2.20
		70	33.05	1.97	35.10	2.04	37.16	2.12	38.64	2.14	41.26	2.18	43.31	2.23
		75	32.26	2.08	34.30	2.15	36.35	2.23	37.83	2.26	40.45	2.30	42.49	2.35
		80	31.46	2.18	33.50	2.26	35.54	2.35	37.02	2.37	39.63	2.42	41.67	2.47
		85	30.67	2.29	32.71	2.37	34.75	2.46	36.22	2.49	38.82	2.54	40.86	2.59
		90	29.88	2.40	31.92	2.48	33.95	2.57	35.42	2.60	38.01	2.65	40.05	2.71
		95	29.03	2.50	31.05	2.59	33.07	2.69	**34.00**	**2.72**	37.12	2.77	39.14	2.83
		100	28.32	2.61	30.34	2.70	32.37	2.80	33.56	2.84	36.41	2.89	38.43	2.95
		105	27.61	2.72	29.64	2.81	31.66	2.92	33.12	2.95	35.70	3.01	37.73	3.07
		110	26.91	2.82	28.93	2.92	30.95	3.03	32.41	3.07	35.00	3.12	37.02	3.19
		115	26.20	2.93	28.22	3.04	30.24	3.15	31.71	3.18	34.29	3.24	36.31	3.31
		118	25.78	2.99	27.80	3.10	29.82	3.21	31.28	3.25	33.87	3.31	35.89	3.38
		122	25.63	3.08	27.66	3.19	29.68	3.31	31.14	3.34	33.72	3.41	35.75	3.48
Four (4) Non-Ducted Indoor Units	9 + 9 + 9 + 9	14	33.33	1.70	35.40	1.76	37.47	1.83	38.96	1.85	41.61	1.88	43.68	1.92
		20	33.30	1.73	35.37	1.79	37.44	1.86	38.94	1.88	41.58	1.91	43.65	1.95
		25	33.28	1.75	35.35	1.82	37.41	1.88	38.91	1.90	41.55	1.94	43.61	1.98
		30	33.25	1.78	35.32	1.84	37.38	1.91	38.88	1.93	41.51	1.97	43.58	2.01
		35	33.23	1.80	35.29	1.87	37.36	1.93	38.85	1.96	41.48	1.99	43.55	2.03
		40	33.20	1.82	35.27	1.89	37.33	1.96	38.82	1.98	41.45	2.02	43.51	2.06
		45	33.18	1.85	35.24	1.92	37.30	1.99	38.79	2.01	41.42	2.05	43.48	2.09
		50	33.15	1.87	35.21	1.94	37.27	2.01	38.76	2.04	41.39	2.07	43.45	2.12
		55	33.13	1.90	35.18	1.97	37.24	2.04	38.73	2.06	41.36	2.10	43.41	2.14
		60	33.10	1.92	35.16	1.99	37.21	2.07	38.70	2.09	41.32	2.13	43.38	2.17
		65	33.08	1.95	35.13	2.02	37.18	2.09	38.67	2.12	41.29	2.16	43.35	2.20
		70	33.05	1.97	35.10	2.04	37.16	2.12	38.64	2.14	41.26	2.18	43.31	2.23
		75	32.26	2.08	34.30	2.15	36.35	2.23	37.83	2.26	40.45	2.30	42.49	2.35
		80	31.46	2.18	33.50	2.26	35.54	2.35	37.02	2.37	39.63	2.42	41.67	2.47
		85	30.67	2.29	32.71	2.37	34.75	2.46	36.22	2.49	38.82	2.54	40.86	2.59
		90	29.88	2.40	31.92	2.48	33.95	2.57	35.42	2.60	38.01	2.65	40.05	2.71
		95	29.03	2.50	31.05	2.59	33.07	2.69	**34.00**	**2.72**	37.12	2.77	39.14	2.83
		100	28.32	2.61	30.34	2.70	32.37	2.80	33.56	2.84	36.41	2.89	38.43	2.95
		105	27.61	2.72	29.64	2.81	31.66	2.92	33.12	2.95	35.70	3.01	37.73	3.07
		110	26.91	2.82	28.93	2.92	30.95	3.03	32.41	3.07	35.00	3.12	37.02	3.19
		115	26.20	2.93	28.22	3.04	30.24	3.15	31.71	3.18	34.29	3.24	36.31	3.31
		118	25.78	2.99	27.80	3.10	29.82	3.21	31.28	3.25	33.87	3.31	35.89	3.38
		122	25.63	3.08	27.66	3.19	29.68	3.31	31.14	3.34	33.72	3.41	35.75	3.48

TC = Total Capacity (kBtu/h).

PI = Power Input (kW).

Nominal capacity as rated: 0 ft. above sea level with 25 ft. of refrigerant piping.
0 ft. level difference between outdoor and indoor units.

Nominal cooling capacity rating obtained with air entering the indoor unit at 80ºF dry bulb (DB) and 67ºF wet bulb (WB), and outdoor ambient conditions of 95ºF dry bulb (DB) and 75ºF wet bulb (WB).

The shaded table rows indicate reference data. When operating at this temperature, these values can be different if the system is not running consistently.

Due to our policy of continuous product innovation, some specifications may change without notification.
©LG Electronics U.S.A., Inc., Englewood Cliffs, NJ. All rights reserved. "LG" is a registered trademark of LG Corp.

Table 48: LMU369HV Cooling Capacity Table — Non-Ducted Indoor Units (continued).

Connected Indoor Units	Combination Capacity Index	Outdoor Air Temp. (°F DB)	Indoor Air Temp. °F DB / °F WB											
			68 / 57		73 / 61		77 / 64		80 / 67		86 / 72		90 / 75	
			TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
Four (4) Non-Ducted Indoor Units	9 + 9 + 9 + 12	14	33.33	1.70	35.40	1.76	37.47	1.83	38.96	1.85	41.61	1.88	43.68	1.92
		20	33.30	1.73	35.37	1.79	37.44	1.86	38.94	1.88	41.58	1.91	43.65	1.95
		25	33.28	1.75	35.35	1.82	37.41	1.88	38.91	1.90	41.55	1.94	43.61	1.98
		30	33.25	1.78	35.32	1.84	37.38	1.91	38.88	1.93	41.51	1.97	43.58	2.01
		35	33.23	1.80	35.29	1.87	37.36	1.93	38.85	1.96	41.48	1.99	43.55	2.03
		40	33.20	1.82	35.27	1.89	37.33	1.96	38.82	1.98	41.45	2.02	43.51	2.06
		45	33.18	1.85	35.24	1.92	37.30	1.99	38.79	2.01	41.42	2.05	43.48	2.09
		50	33.15	1.87	35.21	1.94	37.27	2.01	38.76	2.04	41.39	2.07	43.45	2.12
		55	33.13	1.90	35.18	1.97	37.24	2.04	38.73	2.06	41.36	2.10	43.41	2.14
		60	33.10	1.92	35.16	1.99	37.21	2.07	38.70	2.09	41.32	2.13	43.38	2.17
		65	33.08	1.95	35.13	2.02	37.18	2.09	38.67	2.12	41.29	2.16	43.35	2.20
		70	33.05	1.97	35.10	2.04	37.16	2.12	38.64	2.14	41.26	2.18	43.31	2.23
		75	32.26	2.08	34.30	2.15	36.35	2.23	37.83	2.26	40.45	2.30	42.49	2.35
		80	31.46	2.18	33.50	2.26	35.54	2.35	37.02	2.37	39.63	2.42	41.67	2.47
		85	30.67	2.29	32.71	2.37	34.75	2.46	36.22	2.49	38.82	2.54	40.86	2.59
		90	29.88	2.40	31.92	2.48	33.95	2.57	35.42	2.60	38.01	2.65	40.05	2.71
		95	29.03	2.50	31.05	2.59	33.07	2.69	**34.00**	**2.72**	37.12	2.77	39.14	2.83
		100	28.32	2.61	30.34	2.70	32.37	2.80	33.56	2.84	36.41	2.89	38.43	2.95
		105	27.61	2.72	29.64	2.81	31.66	2.92	33.12	2.95	35.70	3.01	37.73	3.07
		110	26.91	2.82	28.93	2.92	30.95	3.03	32.41	3.07	35.00	3.12	37.02	3.19
		115	26.20	2.93	28.22	3.04	30.24	3.15	31.71	3.18	34.29	3.24	36.31	3.31
		118	25.78	2.99	27.80	3.10	29.82	3.21	31.28	3.25	33.87	3.31	35.89	3.38
		122	25.63	3.08	27.66	3.19	29.68	3.31	31.14	3.34	33.72	3.41	35.75	3.48
	9 + 9 + 12 + 12	14	33.33	1.70	35.40	1.76	37.47	1.83	38.96	1.85	41.61	1.88	43.68	1.92
		20	33.30	1.73	35.37	1.79	37.44	1.86	38.94	1.88	41.58	1.91	43.65	1.95
		25	33.28	1.75	35.35	1.82	37.41	1.88	38.91	1.90	41.55	1.94	43.61	1.98
		30	33.25	1.78	35.32	1.84	37.38	1.91	38.88	1.93	41.51	1.97	43.58	2.01
		35	33.23	1.80	35.29	1.87	37.36	1.93	38.85	1.96	41.48	1.99	43.55	2.03
		40	33.20	1.82	35.27	1.89	37.33	1.96	38.82	1.98	41.45	2.02	43.51	2.06
		45	33.18	1.85	35.24	1.92	37.30	1.99	38.79	2.01	41.42	2.05	43.48	2.09
		50	33.15	1.87	35.21	1.94	37.27	2.01	38.76	2.04	41.39	2.07	43.45	2.12
		55	33.13	1.90	35.18	1.97	37.24	2.04	38.73	2.06	41.36	2.10	43.41	2.14
		60	33.10	1.92	35.16	1.99	37.21	2.07	38.70	2.09	41.32	2.13	43.38	2.17
		65	33.08	1.95	35.13	2.02	37.18	2.09	38.67	2.12	41.29	2.16	43.35	2.20
		70	33.05	1.97	35.10	2.04	37.16	2.12	38.64	2.14	41.26	2.18	43.31	2.23
		75	32.26	2.08	34.30	2.15	36.35	2.23	37.83	2.26	40.45	2.30	42.49	2.35
		80	31.46	2.18	33.50	2.26	35.54	2.35	37.02	2.37	39.63	2.42	41.67	2.47
		85	30.67	2.29	32.71	2.37	34.75	2.46	36.22	2.49	38.82	2.54	40.86	2.59
		90	29.88	2.40	31.92	2.48	33.95	2.57	35.42	2.60	38.01	2.65	40.05	2.71
		95	29.03	2.50	31.05	2.59	33.07	2.69	**34.00**	**2.72**	37.12	2.77	39.14	2.83
		100	28.32	2.61	30.34	2.70	32.37	2.80	33.56	2.84	36.41	2.89	38.43	2.95
		105	27.61	2.72	29.64	2.81	31.66	2.92	33.12	2.95	35.70	3.01	37.73	3.07
		110	26.91	2.82	28.93	2.92	30.95	3.03	32.41	3.07	35.00	3.12	37.02	3.19
		115	26.20	2.93	28.22	3.04	30.24	3.15	31.71	3.18	34.29	3.24	36.31	3.31
		118	25.78	2.99	27.80	3.10	29.82	3.21	31.28	3.25	33.87	3.31	35.89	3.38
		122	25.63	3.08	27.66	3.19	29.68	3.31	31.14	3.34	33.72	3.41	35.75	3.48

TC = Total Capacity (kBtu/h).

PI = Power Input (kW).

Nominal capacity as rated: 0 ft. above sea level with 25 ft. of refrigerant piping.
0 ft. level difference between outdoor and indoor units.

Nominal cooling capacity rating obtained with air entering the indoor unit at 80°F dry bulb (DB) and 67°F wet bulb (WB), and outdoor ambient conditions of 95°F dry bulb (DB) and 75°F wet bulb (WB).

The shaded table rows indicate reference data. When operating at this temperature, these values can be different if the system is not running consistently.

Due to our policy of continuous product innovation, some specifications may change without notification.
©LG Electronics U.S.A., Inc., Englewood Cliffs, NJ. All rights reserved. "LG" is a registered trademark of LG Corp.

PERFORMANCE DATA

Cooling Capacity Tables

Table 49: LMU369HV Cooling Capacity Table — Non-Ducted Indoor Units (continued).

Connected Indoor Units	Combination Capacity Index	Outdoor Air Temp. (°F DB)	Indoor Air Temp. °F DB / °F WB											
			68 / 57		73 / 61		77 / 64		80 / 67		86 / 72		90 / 75	
			TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
Four (4) Non-Ducted Indoor Units	9 + 12 + 12 + 12	14	33.33	1.70	35.40	1.76	37.47	1.83	38.96	1.85	41.61	1.88	43.68	1.92
		20	33.30	1.73	35.37	1.79	37.44	1.86	38.94	1.88	41.58	1.91	43.65	1.95
		25	33.28	1.75	35.35	1.82	37.41	1.88	38.91	1.90	41.55	1.94	43.61	1.98
		30	33.25	1.78	35.32	1.84	37.38	1.91	38.88	1.93	41.51	1.97	43.58	2.01
		35	33.23	1.80	35.29	1.87	37.36	1.93	38.85	1.96	41.48	1.99	43.55	2.03
		40	33.20	1.82	35.27	1.89	37.33	1.96	38.82	1.98	41.45	2.02	43.51	2.06
		45	33.18	1.85	35.24	1.92	37.30	1.99	38.79	2.01	41.42	2.05	43.48	2.09
		50	33.15	1.87	35.21	1.94	37.27	2.01	38.76	2.04	41.39	2.07	43.45	2.12
		55	33.13	1.90	35.18	1.97	37.24	2.04	38.73	2.06	41.36	2.10	43.41	2.14
		60	33.10	1.92	35.16	1.99	37.21	2.07	38.70	2.09	41.32	2.13	43.38	2.17
		65	33.08	1.95	35.13	2.02	37.18	2.09	38.67	2.12	41.29	2.16	43.35	2.20
		70	33.05	1.97	35.10	2.04	37.16	2.12	38.64	2.14	41.26	2.18	43.31	2.23
		75	32.26	2.08	34.30	2.15	36.35	2.23	37.83	2.26	40.45	2.30	42.49	2.35
		80	31.46	2.18	33.50	2.26	35.54	2.35	37.02	2.37	39.63	2.42	41.67	2.47
		85	30.67	2.29	32.71	2.37	34.75	2.46	36.22	2.49	38.82	2.54	40.86	2.59
		90	29.88	2.40	31.92	2.48	33.95	2.57	35.42	2.60	38.01	2.65	40.05	2.71
		95	29.03	2.50	31.05	2.59	33.07	2.69	**34.00**	**2.72**	37.12	2.77	39.14	2.83
		100	28.32	2.61	30.34	2.70	32.37	2.80	33.56	2.84	36.41	2.89	38.43	2.95
		105	27.61	2.72	29.64	2.81	31.66	2.92	33.12	2.95	35.70	3.01	37.73	3.07
		110	26.91	2.82	28.93	2.92	30.95	3.03	32.41	3.07	35.00	3.12	37.02	3.19
		115	26.20	2.93	28.22	3.04	30.24	3.15	31.71	3.18	34.29	3.24	36.31	3.31
		118	25.78	2.99	27.80	3.10	29.82	3.21	31.28	3.25	33.87	3.31	35.89	3.38
		122	25.63	3.08	27.66	3.19	29.68	3.31	31.14	3.34	33.72	3.41	35.75	3.48
	9 + 9 + 9 + 18	14	33.33	1.70	35.40	1.76	37.47	1.83	38.96	1.85	41.61	1.88	43.68	1.92
		20	33.30	1.73	35.37	1.79	37.44	1.86	38.94	1.88	41.58	1.91	43.65	1.95
		25	33.28	1.75	35.35	1.82	37.41	1.88	38.91	1.90	41.55	1.94	43.61	1.98
		30	33.25	1.78	35.32	1.84	37.38	1.91	38.88	1.93	41.51	1.97	43.58	2.01
		35	33.23	1.80	35.29	1.87	37.36	1.93	38.85	1.96	41.48	1.99	43.55	2.03
		40	33.20	1.82	35.27	1.89	37.33	1.96	38.82	1.98	41.45	2.02	43.51	2.06
		45	33.18	1.85	35.24	1.92	37.30	1.99	38.79	2.01	41.42	2.05	43.48	2.09
		50	33.15	1.87	35.21	1.94	37.27	2.01	38.76	2.04	41.39	2.07	43.45	2.12
		55	33.13	1.90	35.18	1.97	37.24	2.04	38.73	2.06	41.36	2.10	43.41	2.14
		60	33.10	1.92	35.16	1.99	37.21	2.07	38.70	2.09	41.32	2.13	43.38	2.17
		65	33.08	1.95	35.13	2.02	37.18	2.09	38.67	2.12	41.29	2.16	43.35	2.20
		70	33.05	1.97	35.10	2.04	37.16	2.12	38.64	2.14	41.26	2.18	43.31	2.23
		75	32.26	2.08	34.30	2.15	36.35	2.23	37.83	2.26	40.45	2.30	42.49	2.35
		80	31.46	2.18	33.50	2.26	35.54	2.35	37.02	2.37	39.63	2.42	41.67	2.47
		85	30.67	2.29	32.71	2.37	34.75	2.46	36.22	2.49	38.82	2.54	40.86	2.59
		90	29.88	2.40	31.92	2.48	33.95	2.57	35.42	2.60	38.01	2.65	40.05	2.71
		95	29.03	2.50	31.05	2.59	33.07	2.69	**34.00**	**2.72**	37.12	2.77	39.14	2.83
		100	28.32	2.61	30.34	2.70	32.37	2.80	33.56	2.84	36.41	2.89	38.43	2.95
		105	27.61	2.72	29.64	2.81	31.66	2.92	33.12	2.95	35.70	3.01	37.73	3.07
		110	26.91	2.82	28.93	2.92	30.95	3.03	32.41	3.07	35.00	3.12	37.02	3.19
		115	26.20	2.93	28.22	3.04	30.24	3.15	31.71	3.18	34.29	3.24	36.31	3.31
		118	25.78	2.99	27.80	3.10	29.82	3.21	31.28	3.25	33.87	3.31	35.89	3.38
		122	25.63	3.08	27.66	3.19	29.68	3.31	31.14	3.34	33.72	3.41	35.75	3.48

TC = Total Capacity (kBtu/h).

PI = Power Input (kW).

Nominal capacity as rated: 0 ft. above sea level with 25 ft. of refrigerant piping.
0 ft. level difference between outdoor and indoor units.

Nominal cooling capacity rating obtained with air entering the indoor unit at 80ºF dry bulb (DB) and 67ºF wet bulb (WB), and outdoor ambient conditions of 95ºF dry bulb (DB) and 75ºF wet bulb (WB).

The shaded table rows indicate reference data. When operating at this temperature, these values can be different if the system is not running consistently.

Due to our policy of continuous product innovation, some specifications may change without notification.
©LG Electronics U.S.A., Inc., Englewood Cliffs, NJ. All rights reserved. "LG" is a registered trademark of LG Corp.

Table 50: LMU369HV Cooling Capacity Table — Non-Ducted Indoor Units (continued).

Connected Indoor Units	Combination Capacity Index	Outdoor Air Temp. (°F DB)	Indoor Air Temp. °F DB / °F WB											
			68 / 57		73 / 61		77 / 64		80 / 67		86 / 72		90 / 75	
			TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
Four (4) Non-Ducted Indoor Units	9 + 9 + 12 + 18	14	33.33	1.70	35.40	1.76	37.47	1.83	38.96	1.85	41.61	1.88	43.68	1.92
		20	33.30	1.73	35.37	1.79	37.44	1.86	38.94	1.88	41.58	1.91	43.65	1.95
		25	33.28	1.75	35.35	1.82	37.41	1.88	38.91	1.90	41.55	1.94	43.61	1.98
		30	33.25	1.78	35.32	1.84	37.38	1.91	38.88	1.93	41.51	1.97	43.58	2.01
		35	33.23	1.80	35.29	1.87	37.36	1.93	38.85	1.96	41.48	1.99	43.55	2.03
		40	33.20	1.82	35.27	1.89	37.33	1.96	38.82	1.98	41.45	2.02	43.51	2.06
		45	33.18	1.85	35.24	1.92	37.30	1.99	38.79	2.01	41.42	2.05	43.48	2.09
		50	33.15	1.87	35.21	1.94	37.27	2.01	38.76	2.04	41.39	2.07	43.45	2.12
		55	33.13	1.90	35.18	1.97	37.24	2.04	38.73	2.06	41.36	2.10	43.41	2.14
		60	33.10	1.92	35.16	1.99	37.21	2.07	38.70	2.09	41.32	2.13	43.38	2.17
		65	33.08	1.95	35.13	2.02	37.18	2.09	38.67	2.12	41.29	2.16	43.35	2.20
		70	33.05	1.97	35.10	2.04	37.16	2.12	38.64	2.14	41.26	2.18	43.31	2.23
		75	32.26	2.08	34.30	2.15	36.35	2.23	37.83	2.26	40.45	2.30	42.49	2.35
		80	31.46	2.18	33.50	2.26	35.54	2.35	37.02	2.37	39.63	2.42	41.67	2.47
		85	30.67	2.29	32.71	2.37	34.75	2.46	36.22	2.49	38.82	2.54	40.86	2.59
		90	29.88	2.40	31.92	2.48	33.95	2.57	35.42	2.60	38.01	2.65	40.05	2.71
		95	29.03	2.50	31.05	2.59	33.07	2.69	**34.00**	**2.72**	37.12	2.77	39.14	2.83
		100	28.32	2.61	30.34	2.70	32.37	2.80	33.56	2.84	36.41	2.89	38.43	2.95
		105	27.61	2.72	29.64	2.81	31.66	2.92	33.12	2.95	35.70	3.01	37.73	3.07
		110	26.91	2.82	28.93	2.92	30.95	3.03	32.41	3.07	35.00	3.12	37.02	3.19
		115	26.20	2.93	28.22	3.04	30.24	3.15	31.71	3.18	34.29	3.24	36.31	3.31
		118	25.78	2.99	27.80	3.10	29.82	3.21	31.28	3.25	33.87	3.31	35.89	3.38
		122	25.63	3.08	27.66	3.19	29.68	3.31	31.14	3.34	33.72	3.41	35.75	3.48
	12 + 12 + 12 + 12	14	33.33	1.70	35.40	1.76	37.47	1.83	38.96	1.85	41.61	1.88	43.68	1.92
		20	33.30	1.73	35.37	1.79	37.44	1.86	38.94	1.88	41.58	1.91	43.65	1.95
		25	33.28	1.75	35.35	1.82	37.41	1.88	38.91	1.90	41.55	1.94	43.61	1.98
		30	33.25	1.78	35.32	1.84	37.38	1.91	38.88	1.93	41.51	1.97	43.58	2.01
		35	33.23	1.80	35.29	1.87	37.36	1.93	38.85	1.96	41.48	1.99	43.55	2.03
		40	33.20	1.82	35.27	1.89	37.33	1.96	38.82	1.98	41.45	2.02	43.51	2.06
		45	33.18	1.85	35.24	1.92	37.30	1.99	38.79	2.01	41.42	2.05	43.48	2.09
		50	33.15	1.87	35.21	1.94	37.27	2.01	38.76	2.04	41.39	2.07	43.45	2.12
		55	33.13	1.90	35.18	1.97	37.24	2.04	38.73	2.06	41.36	2.10	43.41	2.14
		60	33.10	1.92	35.16	1.99	37.21	2.07	38.70	2.09	41.32	2.13	43.38	2.17
		65	33.08	1.95	35.13	2.02	37.18	2.09	38.67	2.12	41.29	2.16	43.35	2.20
		70	33.05	1.97	35.10	2.04	37.16	2.12	38.64	2.14	41.26	2.18	43.31	2.23
		75	32.26	2.08	34.30	2.15	36.35	2.23	37.83	2.26	40.45	2.30	42.49	2.35
		80	31.46	2.18	33.50	2.26	35.54	2.35	37.02	2.37	39.63	2.42	41.67	2.47
		85	30.67	2.29	32.71	2.37	34.75	2.46	36.22	2.49	38.82	2.54	40.86	2.59
		90	29.88	2.40	31.92	2.48	33.95	2.57	35.42	2.60	38.01	2.65	40.05	2.71
		95	29.03	2.50	31.05	2.59	33.07	2.69	**34.00**	**2.72**	37.12	2.77	39.14	2.83
		100	28.32	2.61	30.34	2.70	32.37	2.80	33.56	2.84	36.41	2.89	38.43	2.95
		105	27.61	2.72	29.64	2.81	31.66	2.92	33.12	2.95	35.70	3.01	37.73	3.07
		110	26.91	2.82	28.93	2.92	30.95	3.03	32.41	3.07	35.00	3.12	37.02	3.19
		115	26.20	2.93	28.22	3.04	30.24	3.15	31.71	3.18	34.29	3.24	36.31	3.31
		118	25.78	2.99	27.80	3.10	29.82	3.21	31.28	3.25	33.87	3.31	35.89	3.38
		122	25.63	3.08	27.66	3.19	29.68	3.31	31.14	3.34	33.72	3.41	35.75	3.48

TC = Total Capacity (kBtu/h).

PI = Power Input (kW).

Nominal capacity as rated: 0 ft. above sea level with 25 ft. of refrigerant piping.
0 ft. level difference between outdoor and indoor units.

Nominal cooling capacity rating obtained with air entering the indoor unit at 80ºF dry bulb (DB) and 67ºF wet bulb (WB), and outdoor ambient conditions of 95ºF dry bulb (DB) and 75ºF wet bulb (WB).

The shaded table rows indicate reference data. When operating at this temperature, these values can be different if the system is not running consistently.

Due to our policy of continuous product innovation, some specifications may change without notification.
©LG Electronics U.S.A., Inc., Englewood Cliffs, NJ. All rights reserved. "LG" is a registered trademark of LG Corp.

PERFORMANCE DATA

Cooling Capacity Tables

Table 51: LMU369HV Cooling Capacity Table — Ducted Indoor Units

Connected Indoor Units	Combination Capacity Index	Outdoor Air Temp. (°F DB)	Indoor Air Temp. °F DB / °F WB											
			68 / 57		73 / 61		77 / 64		80 / 67		86 / 72		90 / 75	
			TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
Two (2) Ducted Indoor Units	9 + 9	14	17.65	1.24	18.74	1.28	19.84	1.33	20.63	1.35	22.03	1.37	23.12	1.40
		20	17.63	1.26	18.73	1.30	19.82	1.35	20.61	1.37	22.01	1.39	23.11	1.42
		25	17.62	1.27	18.71	1.32	19.81	1.37	20.60	1.39	22.00	1.41	23.09	1.44
		30	17.60	1.29	18.70	1.34	19.79	1.39	20.58	1.40	21.98	1.43	23.07	1.46
		35	17.59	1.31	18.68	1.36	19.78	1.41	20.57	1.42	21.96	1.45	23.05	1.48
		40	17.58	1.33	18.67	1.38	19.76	1.43	20.55	1.44	21.94	1.47	23.04	1.50
		45	17.56	1.35	18.66	1.40	19.75	1.45	20.53	1.46	21.93	1.49	23.02	1.52
		50	17.55	1.36	18.64	1.41	19.73	1.47	20.52	1.48	21.91	1.51	23.00	1.54
		55	17.54	1.38	18.63	1.43	19.72	1.48	20.50	1.50	21.89	1.53	22.98	1.56
		60	17.52	1.40	18.61	1.45	19.70	1.50	20.49	1.52	21.88	1.55	22.97	1.58
		65	17.51	1.42	18.60	1.47	19.69	1.52	20.47	1.54	21.86	1.57	22.95	1.60
		70	17.50	1.43	18.58	1.49	19.67	1.54	20.46	1.56	21.84	1.59	22.93	1.62
		75	17.08	1.51	18.16	1.57	19.24	1.62	20.03	1.64	21.41	1.67	22.50	1.71
		80	16.66	1.59	17.74	1.65	18.82	1.71	19.60	1.73	20.98	1.76	22.06	1.80
		85	16.24	1.67	17.32	1.73	18.40	1.79	19.17	1.81	20.55	1.85	21.63	1.88
		90	15.82	1.74	16.90	1.81	17.97	1.87	18.75	1.90	20.12	1.93	21.20	1.97
		95	15.37	1.82	16.44	1.89	17.51	1.96	**18.00**	**1.98**	19.65	2.02	20.72	2.06
		100	14.99	1.90	16.06	1.97	17.13	2.04	17.77	2.06	19.28	2.10	20.35	2.15
		105	14.62	1.98	15.69	2.05	16.76	2.12	17.53	2.15	18.90	2.19	19.97	2.23
		110	14.24	2.05	15.32	2.13	16.39	2.21	17.16	2.23	18.53	2.27	19.60	2.32
		115	13.87	2.13	14.94	2.21	16.01	2.29	16.79	2.32	18.15	2.36	19.22	2.41
		118	13.65	2.18	14.72	2.26	15.79	2.34	16.56	2.37	17.93	2.41	19.00	2.46
		122	13.57	2.24	14.64	2.32	15.71	2.41	16.49	2.43	17.85	2.48	18.92	2.53
	9 + 12	14	20.59	1.38	21.86	1.43	23.14	1.48	24.07	1.50	25.70	1.52	26.98	1.55
		20	20.57	1.40	21.85	1.45	23.13	1.50	24.05	1.52	25.68	1.55	26.96	1.58
		25	20.55	1.42	21.83	1.47	23.11	1.52	24.03	1.54	25.66	1.57	26.94	1.60
		30	20.54	1.44	21.81	1.49	23.09	1.54	24.01	1.56	25.64	1.59	26.92	1.62
		35	20.52	1.46	21.80	1.51	23.07	1.56	23.99	1.58	25.62	1.61	26.90	1.64
		40	20.51	1.48	21.78	1.53	23.05	1.59	23.97	1.60	25.60	1.63	26.88	1.67
		45	20.49	1.50	21.76	1.55	23.04	1.61	23.96	1.63	25.58	1.66	26.86	1.69
		50	20.48	1.52	21.75	1.57	23.02	1.63	23.94	1.65	25.56	1.68	26.83	1.71
		55	20.46	1.54	21.73	1.59	23.00	1.65	23.92	1.67	25.54	1.70	26.81	1.73
		60	20.44	1.55	21.71	1.61	22.98	1.67	23.90	1.69	25.52	1.72	26.79	1.76
		65	20.43	1.57	21.70	1.63	22.97	1.69	23.88	1.71	25.50	1.74	26.77	1.78
		70	20.41	1.59	21.68	1.65	22.95	1.71	23.86	1.73	25.48	1.77	26.75	1.80
		75	19.92	1.68	21.19	1.74	22.45	1.81	23.36	1.83	24.98	1.86	26.25	1.90
		80	19.43	1.77	20.69	1.83	21.95	1.90	22.87	1.92	24.48	1.96	25.74	1.99
		85	18.94	1.85	20.20	1.92	21.46	1.99	22.37	2.01	23.98	2.05	25.24	2.09
		90	18.46	1.94	19.71	2.01	20.97	2.08	21.87	2.11	23.48	2.15	24.73	2.19
		95	17.93	2.02	19.18	2.10	20.43	2.17	**21.00**	**2.20**	22.93	2.24	24.17	2.29
		100	17.49	2.11	18.74	2.19	19.99	2.27	20.73	2.29	22.49	2.34	23.74	2.38
		105	17.06	2.20	18.30	2.28	19.55	2.36	20.46	2.39	22.05	2.43	23.30	2.48
		110	16.62	2.28	17.87	2.37	19.12	2.45	20.02	2.48	21.62	2.53	22.86	2.58
		115	16.18	2.37	17.43	2.45	18.68	2.54	19.58	2.57	21.18	2.62	22.43	2.67
		118	15.92	2.42	17.17	2.51	18.42	2.60	19.32	2.63	20.92	2.68	22.17	2.73
		122	15.83	2.49	17.08	2.58	18.33	2.67	19.23	2.70	20.83	2.76	22.08	2.81

TC = Total Capacity (kBtu/h).

PI = Power Input (kW).

Nominal capacity as rated: 0 ft. above sea level with 25 ft. of refrigerant piping.
0 ft. level difference between outdoor and indoor units.

Nominal cooling capacity rating obtained with air entering the indoor unit at 80°F dry bulb (DB) and 67°F wet bulb (WB), and outdoor ambient conditions of 95°F dry bulb (DB) and 75°F wet bulb (WB).

The shaded table rows indicate reference data. When operating at this temperature, these values can be different if the system is not running consistently.

Due to our policy of continuous product innovation, some specifications may change without notification.
©LG Electronics U.S.A., Inc., Englewood Cliffs, NJ. All rights reserved. "LG" is a registered trademark of LG Corp.

Table 52: LMU369HV Cooling Capacity Table — Ducted Indoor Units (continued)

Connected Indoor Units	Combination Capacity Index	Outdoor Air Temp. (°F DB)	Indoor Air Temp. °F DB / °F WB											
			68 / 57		73 / 61		77 / 64		80 / 67		86 / 72		90 / 75	
			TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
Two (2) Ducted Indoor Units	12 + 12	14	23.53	1.51	24.99	1.57	26.45	1.63	27.50	1.65	29.37	1.68	30.83	1.71
		20	23.51	1.54	24.97	1.59	26.43	1.65	27.48	1.67	29.35	1.70	30.81	1.73
		25	23.49	1.56	24.95	1.61	26.41	1.67	27.46	1.69	29.33	1.72	30.79	1.76
		30	23.47	1.58	24.93	1.64	26.39	1.70	27.44	1.72	29.30	1.75	30.76	1.78
		35	23.46	1.60	24.91	1.66	26.37	1.72	27.42	1.74	29.28	1.77	30.74	1.81
		40	23.44	1.62	24.89	1.68	26.35	1.74	27.40	1.76	29.26	1.80	30.72	1.83
		45	23.42	1.64	24.87	1.71	26.33	1.77	27.38	1.79	29.24	1.82	30.69	1.86
		50	23.40	1.67	24.85	1.73	26.31	1.79	27.36	1.81	29.21	1.85	30.67	1.88
		55	23.38	1.69	24.84	1.75	26.29	1.81	27.34	1.83	29.19	1.87	30.64	1.91
		60	23.37	1.71	24.82	1.77	26.27	1.84	27.32	1.86	29.17	1.89	30.62	1.93
		65	23.35	1.73	24.80	1.80	26.25	1.86	27.29	1.88	29.15	1.92	30.60	1.96
		70	23.33	1.75	24.78	1.82	26.23	1.88	27.27	1.91	29.13	1.94	30.57	1.98
		75	22.77	1.85	24.21	1.92	25.66	1.99	26.70	2.01	28.55	2.05	29.99	2.09
		80	22.21	1.94	23.65	2.01	25.09	2.09	26.13	2.11	27.97	2.15	29.42	2.19
		85	21.65	2.04	23.09	2.11	24.53	2.19	25.57	2.21	27.40	2.26	28.84	2.30
		90	21.09	2.13	22.53	2.21	23.96	2.29	25.00	2.32	26.83	2.36	28.27	2.41
		95	20.49	2.23	21.92	2.31	23.35	2.39	**24.00**	**2.42**	26.20	2.47	27.63	2.51
		100	19.99	2.32	21.42	2.41	22.85	2.49	23.69	2.52	25.70	2.57	27.13	2.62
		105	19.49	2.42	20.92	2.50	22.35	2.60	23.38	2.63	25.20	2.67	26.63	2.73
		110	18.99	2.51	20.42	2.60	21.85	2.70	22.88	2.73	24.70	2.78	26.13	2.84
		115	18.49	2.61	19.92	2.70	21.35	2.80	22.38	2.83	24.20	2.88	25.63	2.94
		118	18.19	2.66	19.62	2.76	21.05	2.86	22.08	2.89	23.90	2.95	25.33	3.01
		122	18.10	2.74	19.52	2.84	20.95	2.94	21.98	2.98	23.81	3.03	25.23	3.09
	9 + 18	14	26.47	1.58	28.11	1.64	29.76	1.70	30.94	1.72	33.04	1.75	34.69	1.79
		20	26.45	1.61	28.09	1.66	29.73	1.73	30.92	1.75	33.02	1.78	34.66	1.81
		25	26.43	1.63	28.07	1.69	29.71	1.75	30.90	1.77	32.99	1.80	34.63	1.84
		30	26.41	1.65	28.05	1.71	29.69	1.77	30.87	1.79	32.97	1.83	34.61	1.87
		35	26.39	1.67	28.03	1.74	29.66	1.80	30.85	1.82	32.94	1.85	34.58	1.89
		40	26.37	1.70	28.00	1.76	29.64	1.82	30.82	1.84	32.92	1.88	34.55	1.92
		45	26.35	1.72	27.98	1.78	29.62	1.85	30.80	1.87	32.89	1.90	34.53	1.94
		50	26.33	1.74	27.96	1.81	29.60	1.87	30.78	1.89	32.87	1.93	34.50	1.97
		55	26.31	1.77	27.94	1.83	29.57	1.90	30.75	1.92	32.84	1.95	34.48	1.99
		60	26.29	1.79	27.92	1.85	29.55	1.92	30.73	1.94	32.82	1.98	34.45	2.02
		65	26.27	1.81	27.90	1.88	29.53	1.95	30.71	1.97	32.79	2.00	34.42	2.04
		70	26.25	1.83	27.88	1.90	29.51	1.97	30.68	1.99	32.77	2.03	34.40	2.07
		75	25.61	1.93	27.24	2.00	28.87	2.08	30.04	2.10	32.12	2.14	33.74	2.18
		80	24.98	2.03	26.60	2.11	28.23	2.18	29.40	2.21	31.47	2.25	33.09	2.29
		85	24.36	2.13	25.97	2.21	27.59	2.29	28.76	2.32	30.83	2.36	32.45	2.41
		90	23.73	2.23	25.34	2.31	26.96	2.39	28.12	2.42	30.19	2.47	31.80	2.52
		95	23.05	2.33	24.66	2.41	26.26	2.50	**27.00**	**2.53**	29.48	2.58	31.08	2.63
		100	22.49	2.43	24.10	2.52	25.70	2.61	26.65	2.64	28.91	2.69	30.52	2.74
		105	21.93	2.53	23.53	2.62	25.14	2.71	26.30	2.74	28.35	2.80	29.96	2.85
		110	21.37	2.62	22.97	2.72	24.58	2.82	25.74	2.85	27.79	2.91	29.40	2.96
		115	20.81	2.72	22.41	2.82	24.02	2.93	25.18	2.96	27.23	3.02	28.84	3.08
		118	20.47	2.78	22.08	2.88	23.68	2.99	24.84	3.02	26.89	3.08	28.50	3.14
		122	20.36	2.86	21.96	2.97	23.57	3.08	24.73	3.11	26.78	3.17	28.39	3.23

TC = Total Capacity (kBtu/h).

PI = Power Input (kW).

Nominal capacity as rated: 0 ft. above sea level with 25 ft. of refrigerant piping.
0 ft. level difference between outdoor and indoor units.

Nominal cooling capacity rating obtained with air entering the indoor unit at 80ºF dry bulb (DB) and 67ºF wet bulb (WB), and outdoor ambient conditions of 95ºF dry bulb (DB) and 75ºF wet bulb (WB).

The shaded table rows indicate reference data. When operating at this temperature, these values can be different if the system is not running consistently.

Due to our policy of continuous product innovation, some specifications may change without notification.
©LG Electronics U.S.A., Inc., Englewood Cliffs, NJ. All rights reserved. "LG" is a registered trademark of LG Corp.

PERFORMANCE DATA

Cooling Capacity Tables

Table 53: LMU369HV Cooling Capacity Table — Ducted Indoor Units (continued)

Connected Indoor Units	Combination Capacity Index	Outdoor Air Temp. (°F DB)	Indoor Air Temp. °F DB / °F WB											
			68 / 57		73 / 61		77 / 64		80 / 67		86 / 72		90 / 75	
			TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
Two (2) Ducted Indoor Units	12 + 18	14	29.41	1.70	31.24	1.76	33.06	1.82	34.38	1.84	36.71	1.88	38.54	1.92
		20	29.39	1.72	31.21	1.78	33.04	1.85	34.35	1.87	36.69	1.90	38.51	1.94
		25	29.36	1.74	31.19	1.81	33.01	1.87	34.33	1.90	36.66	1.93	38.48	1.97
		30	29.34	1.77	31.16	1.83	32.99	1.90	34.30	1.92	36.63	1.96	38.45	2.00
		35	29.32	1.79	31.14	1.86	32.96	1.93	34.28	1.95	36.60	1.99	38.42	2.03
		40	29.30	1.82	31.12	1.88	32.94	1.95	34.25	1.98	36.57	2.01	38.39	2.05
		45	29.27	1.84	31.09	1.91	32.91	1.98	34.22	2.00	36.55	2.04	38.36	2.08
		50	29.25	1.87	31.07	1.93	32.89	2.01	34.20	2.03	36.52	2.07	38.34	2.11
		55	29.23	1.89	31.04	1.96	32.86	2.03	34.17	2.05	36.49	2.09	38.31	2.14
		60	29.21	1.92	31.02	1.99	32.83	2.06	34.14	2.08	36.46	2.12	38.28	2.16
		65	29.18	1.94	31.00	2.01	32.81	2.08	34.12	2.11	36.43	2.15	38.25	2.19
		70	29.16	1.96	30.97	2.04	32.78	2.11	34.09	2.13	36.41	2.17	38.22	2.22
		75	28.46	2.07	30.27	2.15	32.07	2.22	33.38	2.25	35.69	2.29	37.49	2.34
		80	27.76	2.18	29.56	2.26	31.36	2.34	32.66	2.36	34.97	2.41	36.77	2.46
		85	27.06	2.28	28.86	2.37	30.66	2.45	31.96	2.48	34.25	2.53	36.05	2.58
		90	26.37	2.39	28.16	2.47	29.95	2.57	31.25	2.59	33.54	2.64	35.33	2.70
		95	25.61	2.49	27.40	2.58	29.18	2.68	**30.00**	**2.71**	32.75	2.76	34.53	2.82
		100	24.99	2.60	26.77	2.69	28.56	2.79	29.61	2.83	32.13	2.88	33.91	2.94
		105	24.37	2.71	26.15	2.80	27.93	2.91	29.22	2.94	31.50	3.00	33.29	3.06
		110	23.74	2.81	25.53	2.91	27.31	3.02	28.60	3.06	30.88	3.11	32.66	3.18
		115	23.12	2.92	24.90	3.02	26.69	3.13	27.98	3.17	30.26	3.23	32.04	3.29
		118	22.74	2.98	24.53	3.09	26.31	3.20	27.60	3.24	29.88	3.30	31.67	3.37
		122	22.62	3.07	24.40	3.18	26.19	3.29	27.48	3.33	29.76	3.39	31.54	3.46
	18 + 18	14	32.35	1.88	34.36	1.95	36.37	2.02	37.82	2.04	40.39	2.08	42.40	2.12
		20	32.33	1.90	34.33	1.97	36.34	2.05	37.79	2.07	40.36	2.11	42.36	2.15
		25	32.30	1.93	34.31	2.00	36.31	2.07	37.76	2.10	40.32	2.14	42.33	2.18
		30	32.28	1.96	34.28	2.03	36.28	2.10	37.73	2.13	40.29	2.17	42.30	2.21
		35	32.25	1.99	34.25	2.06	36.26	2.13	37.70	2.16	40.26	2.20	42.27	2.24
		40	32.23	2.01	34.23	2.09	36.23	2.16	37.67	2.19	40.23	2.23	42.23	2.27
		45	32.20	2.04	34.20	2.11	36.20	2.19	37.65	2.22	40.20	2.26	42.20	2.30
		50	32.18	2.07	34.18	2.14	36.17	2.22	37.62	2.25	40.17	2.29	42.17	2.33
		55	32.15	2.09	34.15	2.17	36.15	2.25	37.59	2.27	40.14	2.32	42.14	2.36
		60	32.13	2.12	34.12	2.20	36.12	2.28	37.56	2.30	40.11	2.35	42.10	2.39
		65	32.10	2.15	34.10	2.23	36.09	2.31	37.53	2.33	40.08	2.38	42.07	2.42
		70	32.08	2.17	34.07	2.25	36.06	2.34	37.50	2.36	40.05	2.41	42.04	2.46
		75	31.31	2.29	33.29	2.38	35.28	2.46	36.72	2.49	39.26	2.54	41.24	2.59
		80	30.53	2.41	32.52	2.50	34.50	2.59	35.93	2.62	38.46	2.67	40.45	2.72
		85	29.77	2.53	31.75	2.62	33.72	2.71	35.15	2.75	37.68	2.80	39.66	2.85
		90	29.00	2.64	30.98	2.74	32.95	2.84	34.37	2.87	36.89	2.93	38.87	2.99
		95	28.17	2.76	30.14	2.86	32.10	2.97	**33.00**	**3.00**	36.03	3.06	37.99	3.12
		100	27.49	2.88	29.45	2.98	31.41	3.09	32.57	3.13	35.34	3.19	37.30	3.25
		105	26.80	3.00	28.76	3.10	30.73	3.22	32.14	3.25	34.65	3.32	36.62	3.38
		110	26.12	3.11	28.08	3.23	30.04	3.34	31.46	3.38	33.97	3.45	35.93	3.52
		115	25.43	3.23	27.39	3.35	29.36	3.47	30.77	3.51	33.28	3.58	35.24	3.65
		118	25.02	3.30	26.98	3.42	28.94	3.55	30.36	3.59	32.87	3.65	34.83	3.73
		122	24.88	3.39	26.84	3.52	28.81	3.65	30.22	3.69	32.73	3.76	34.69	3.83

TC = Total Capacity (kBtu/h).

PI = Power Input (kW).

Nominal capacity as rated: 0 ft. above sea level with 25 ft. of refrigerant piping.
0 ft. level difference between outdoor and indoor units.

Nominal cooling capacity rating obtained with air entering the indoor unit at 80ºF dry bulb (DB) and 67ºF wet bulb (WB), and outdoor ambient conditions of 95ºF dry bulb (DB) and 75ºF wet bulb (WB).

The shaded table rows indicate reference data. When operating at this temperature, these values can be different if the system is not running consistently.

Due to our policy of continuous product innovation, some specifications may change without notification.
©LG Electronics U.S.A., Inc., Englewood Cliffs, NJ. All rights reserved. "LG" is a registered trademark of LG Corp.

PERFORMANCE DATA

Cooling Capacity Tables

Table 54: LMU369HV Cooling Capacity Table — Ducted Indoor Units (continued).

Connected Indoor Units	Combination Capacity Index	Outdoor Air Temp. (°F DB)	Indoor Air Temp. °F DB / °F WB											
			68 / 57		73 / 61		77 / 64		80 / 67		86 / 72		90 / 75	
			TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
Two (2) Ducted Indoor Units	24 + 9	14	32.35	1.88	34.36	1.95	36.37	2.02	37.82	2.04	40.39	2.08	42.40	2.12
		20	32.33	1.90	34.33	1.97	36.34	2.05	37.79	2.07	40.36	2.11	42.36	2.15
		25	32.30	1.93	34.31	2.00	36.31	2.07	37.76	2.10	40.32	2.14	42.33	2.18
		30	32.28	1.96	34.28	2.03	36.28	2.10	37.73	2.13	40.29	2.17	42.30	2.21
		35	32.25	1.99	34.25	2.06	36.26	2.13	37.70	2.16	40.26	2.20	42.27	2.24
		40	32.23	2.01	34.23	2.09	36.23	2.16	37.67	2.19	40.23	2.23	42.23	2.27
		45	32.20	2.04	34.20	2.11	36.20	2.19	37.65	2.22	40.20	2.26	42.20	2.30
		50	32.18	2.07	34.18	2.14	36.17	2.22	37.62	2.25	40.17	2.29	42.17	2.33
		55	32.15	2.09	34.15	2.17	36.15	2.25	37.59	2.27	40.14	2.32	42.14	2.36
		60	32.13	2.12	34.12	2.20	36.12	2.28	37.56	2.30	40.11	2.35	42.10	2.39
		65	32.10	2.15	34.10	2.23	36.09	2.31	37.53	2.33	40.08	2.38	42.07	2.42
		70	32.08	2.17	34.07	2.25	36.06	2.34	37.50	2.36	40.05	2.41	42.04	2.46
		75	31.31	2.29	33.29	2.38	35.28	2.46	36.72	2.49	39.26	2.54	41.24	2.59
		80	30.53	2.41	32.52	2.50	34.50	2.59	35.93	2.62	38.46	2.67	40.45	2.72
		85	29.77	2.53	31.75	2.62	33.72	2.71	35.15	2.75	37.68	2.80	39.66	2.85
		90	29.00	2.64	30.98	2.74	32.95	2.84	34.37	2.87	36.89	2.93	38.87	2.99
		95	28.17	2.76	30.14	2.86	32.10	2.97	**33.00**	**3.00**	36.03	3.06	37.99	3.12
		100	27.49	2.88	29.45	2.98	31.41	3.09	32.57	3.13	35.34	3.19	37.30	3.25
		105	26.80	3.00	28.76	3.10	30.73	3.22	32.14	3.25	34.65	3.32	36.62	3.38
		110	26.12	3.11	28.08	3.23	30.04	3.34	31.46	3.38	33.97	3.45	35.93	3.52
		115	25.43	3.23	27.39	3.35	29.36	3.47	30.77	3.51	33.28	3.58	35.24	3.65
		118	25.02	3.30	26.98	3.42	28.94	3.55	30.36	3.59	32.87	3.65	34.83	3.73
		122	24.88	3.39	26.84	3.52	28.81	3.65	30.22	3.69	32.73	3.76	34.69	3.83
	24 + 12	14	32.35	1.88	34.36	1.95	36.37	2.02	37.82	2.04	40.39	2.08	42.40	2.12
		20	32.33	1.90	34.33	1.97	36.34	2.05	37.79	2.07	40.36	2.11	42.36	2.15
		25	32.30	1.93	34.31	2.00	36.31	2.07	37.76	2.10	40.32	2.14	42.33	2.18
		30	32.28	1.96	34.28	2.03	36.28	2.10	37.73	2.13	40.29	2.17	42.30	2.21
		35	32.25	1.99	34.25	2.06	36.26	2.13	37.70	2.16	40.26	2.20	42.27	2.24
		40	32.23	2.01	34.23	2.09	36.23	2.16	37.67	2.19	40.23	2.23	42.23	2.27
		45	32.20	2.04	34.20	2.11	36.20	2.19	37.65	2.22	40.20	2.26	42.20	2.30
		50	32.18	2.07	34.18	2.14	36.17	2.22	37.62	2.25	40.17	2.29	42.17	2.33
		55	32.15	2.09	34.15	2.17	36.15	2.25	37.59	2.27	40.14	2.32	42.14	2.36
		60	32.13	2.12	34.12	2.20	36.12	2.28	37.56	2.30	40.11	2.35	42.10	2.39
		65	32.10	2.15	34.10	2.23	36.09	2.31	37.53	2.33	40.08	2.38	42.07	2.42
		70	32.08	2.17	34.07	2.25	36.06	2.34	37.50	2.36	40.05	2.41	42.04	2.46
		75	31.31	2.29	33.29	2.38	35.28	2.46	36.72	2.49	39.26	2.54	41.24	2.59
		80	30.53	2.41	32.52	2.50	34.50	2.59	35.93	2.62	38.46	2.67	40.45	2.72
		85	29.77	2.53	31.75	2.62	33.72	2.71	35.15	2.75	37.68	2.80	39.66	2.85
		90	29.00	2.64	30.98	2.74	32.95	2.84	34.37	2.87	36.89	2.93	38.87	2.99
		95	28.17	2.76	30.14	2.86	32.10	2.97	**33.00**	**3.00**	36.03	3.06	37.99	3.12
		100	27.49	2.88	29.45	2.98	31.41	3.09	32.57	3.13	35.34	3.19	37.30	3.25
		105	26.80	3.00	28.76	3.10	30.73	3.22	32.14	3.25	34.65	3.32	36.62	3.38
		110	26.12	3.11	28.08	3.23	30.04	3.34	31.46	3.38	33.97	3.45	35.93	3.52
		115	25.43	3.23	27.39	3.35	29.36	3.47	30.77	3.51	33.28	3.58	35.24	3.65
		118	25.02	3.30	26.98	3.42	28.94	3.55	30.36	3.59	32.87	3.65	34.83	3.73
		122	24.88	3.39	26.84	3.52	28.81	3.65	30.22	3.69	32.73	3.76	34.69	3.83

TC = Total Capacity (kBtu/h).

PI = Power Input (kW).

Nominal capacity as rated: 0 ft. above sea level with 25 ft. of refrigerant piping.
0 ft. level difference between outdoor and indoor units.

Nominal cooling capacity rating obtained with air entering the indoor unit at 80°F dry bulb (DB) and 67°F wet bulb (WB), and outdoor ambient conditions of 95°F dry bulb (DB) and 75°F wet bulb (WB).

The shaded table rows indicate reference data. When operating at this temperature, these values can be different if the system is not running consistently.

Due to our policy of continuous product innovation, some specifications may change without notification.
©LG Electronics U.S.A., Inc., Englewood Cliffs, NJ. All rights reserved. "LG" is a registered trademark of LG Corp.

PERFORMANCE DATA

Cooling Capacity Tables

Table 55: LMU369HV Cooling Capacity Table — Ducted Indoor Units (continued).

Connected Indoor Units	Combination Capacity Index	Outdoor Air Temp. (°F DB)	Indoor Air Temp. °F DB / °F WB											
			68 / 57		73 / 61		77 / 64		80 / 67		86 / 72		90 / 75	
			TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
Three (3) Ducted Indoor Units	9 + 9 + 9	14	26.47	1.58	28.11	1.64	29.76	1.70	30.94	1.72	33.04	1.75	34.69	1.79
		20	26.45	1.61	28.09	1.66	29.73	1.73	30.92	1.75	33.02	1.78	34.66	1.81
		25	26.43	1.63	28.07	1.69	29.71	1.75	30.90	1.77	32.99	1.80	34.63	1.84
		30	26.41	1.65	28.05	1.71	29.69	1.77	30.87	1.79	32.97	1.83	34.61	1.87
		35	26.39	1.67	28.03	1.74	29.66	1.80	30.85	1.82	32.94	1.85	34.58	1.89
		40	26.37	1.70	28.00	1.76	29.64	1.82	30.82	1.84	32.92	1.88	34.55	1.92
		45	26.35	1.72	27.98	1.78	29.62	1.85	30.80	1.87	32.89	1.90	34.53	1.94
		50	26.33	1.74	27.96	1.81	29.60	1.87	30.78	1.89	32.87	1.93	34.50	1.97
		55	26.31	1.77	27.94	1.83	29.57	1.90	30.75	1.92	32.84	1.95	34.48	1.99
		60	26.29	1.79	27.92	1.85	29.55	1.92	30.73	1.94	32.82	1.98	34.45	2.02
		65	26.27	1.81	27.90	1.88	29.53	1.95	30.71	1.97	32.79	2.00	34.42	2.04
		70	26.25	1.83	27.88	1.90	29.51	1.97	30.68	1.99	32.77	2.03	34.40	2.07
		75	25.61	1.93	27.24	2.00	28.87	2.08	30.04	2.10	32.12	2.14	33.74	2.18
		80	24.98	2.03	26.60	2.11	28.23	2.18	29.40	2.21	31.47	2.25	33.09	2.29
		85	24.36	2.13	25.97	2.21	27.59	2.29	28.76	2.32	30.83	2.36	32.45	2.41
		90	23.73	2.23	25.34	2.31	26.96	2.39	28.12	2.42	30.19	2.47	31.80	2.52
		95	23.05	2.33	24.66	2.41	26.26	2.50	**27.00**	**2.53**	29.48	2.58	31.08	2.63
		100	22.49	2.43	24.10	2.52	25.70	2.61	26.65	2.64	28.91	2.69	30.52	2.74
		105	21.93	2.53	23.53	2.62	25.14	2.71	26.30	2.74	28.35	2.80	29.96	2.85
		110	21.37	2.62	22.97	2.72	24.58	2.82	25.74	2.85	27.79	2.91	29.40	2.96
		115	20.81	2.72	22.41	2.82	24.02	2.93	25.18	2.96	27.23	3.02	28.84	3.08
		118	20.47	2.78	22.08	2.88	23.68	2.99	24.84	3.02	26.89	3.08	28.50	3.14
		122	20.36	2.86	21.96	2.97	23.57	3.08	24.73	3.11	26.78	3.17	28.39	3.23
	9 + 9 + 12	14	29.41	1.70	31.24	1.76	33.06	1.82	34.38	1.84	36.71	1.88	38.54	1.92
		20	29.39	1.72	31.21	1.78	33.04	1.85	34.35	1.87	36.69	1.90	38.51	1.94
		25	29.36	1.74	31.19	1.81	33.01	1.87	34.33	1.90	36.66	1.93	38.48	1.97
		30	29.34	1.77	31.16	1.83	32.99	1.90	34.30	1.92	36.63	1.96	38.45	2.00
		35	29.32	1.79	31.14	1.86	32.96	1.93	34.28	1.95	36.60	1.99	38.42	2.03
		40	29.30	1.82	31.12	1.88	32.94	1.95	34.25	1.98	36.57	2.01	38.39	2.05
		45	29.27	1.84	31.09	1.91	32.91	1.98	34.22	2.00	36.55	2.04	38.36	2.08
		50	29.25	1.87	31.07	1.93	32.89	2.01	34.20	2.03	36.52	2.07	38.34	2.11
		55	29.23	1.89	31.04	1.96	32.86	2.03	34.17	2.05	36.49	2.09	38.31	2.14
		60	29.21	1.92	31.02	1.99	32.83	2.06	34.14	2.08	36.46	2.12	38.28	2.16
		65	29.18	1.94	31.00	2.01	32.81	2.08	34.12	2.11	36.43	2.15	38.25	2.19
		70	29.16	1.96	30.97	2.04	32.78	2.11	34.09	2.13	36.41	2.17	38.22	2.22
		75	28.46	2.07	30.27	2.15	32.07	2.22	33.38	2.25	35.69	2.29	37.49	2.34
		80	27.76	2.18	29.56	2.26	31.36	2.34	32.66	2.36	34.97	2.41	36.77	2.46
		85	27.06	2.28	28.86	2.37	30.66	2.45	31.96	2.48	34.25	2.53	36.05	2.58
		90	26.37	2.39	28.16	2.47	29.95	2.57	31.25	2.59	33.54	2.64	35.33	2.70
		95	25.61	2.49	27.40	2.58	29.18	2.68	**30.00**	**2.71**	32.75	2.76	34.53	2.82
		100	24.99	2.60	26.77	2.69	28.56	2.79	29.61	2.83	32.13	2.88	33.91	2.94
		105	24.37	2.71	26.15	2.80	27.93	2.91	29.22	2.94	31.50	3.00	33.29	3.06
		110	23.74	2.81	25.53	2.91	27.31	3.02	28.60	3.06	30.88	3.11	32.66	3.18
		115	23.12	2.92	24.90	3.02	26.69	3.13	27.98	3.17	30.26	3.23	32.04	3.29
		118	22.74	2.98	24.53	3.09	26.31	3.20	27.60	3.24	29.88	3.30	31.67	3.37
		122	22.62	3.07	24.40	3.18	26.19	3.29	27.48	3.33	29.76	3.39	31.54	3.46

TC = Total Capacity (kBtu/h).

PI = Power Input (kW).

Nominal capacity as rated: 0 ft. above sea level with 25 ft. of refrigerant piping.
0 ft. level difference between outdoor and indoor units.

Nominal cooling capacity rating obtained with air entering the indoor unit at 80°F dry bulb (DB) and 67°F wet bulb (WB), and outdoor ambient conditions of 95°F dry bulb (DB) and 75°F wet bulb (WB).

The shaded table rows indicate reference data. When operating at this temperature, these values can be different if the system is not running consistently.

Due to our policy of continuous product innovation, some specifications may change without notification.
©LG Electronics U.S.A., Inc., Englewood Cliffs, NJ. All rights reserved. "LG" is a registered trademark of LG Corp.

Table 56: LMU369HV Cooling Capacity Table — Ducted Indoor Units (continued).

Connected Indoor Units	Combination Capacity Index	Outdoor Air Temp. (°F DB)	Indoor Air Temp. °F DB / °F WB											
			68 / 57		73 / 61		77 / 64		80 / 67		86 / 72		90 / 75	
			TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
Three (3) Ducted Indoor Units	9 + 12 + 12	14	32.35	1.79	34.36	1.86	36.37	1.92	37.82	1.95	40.39	1.98	42.40	2.02
		20	32.33	1.82	34.33	1.88	36.34	1.95	37.79	1.97	40.36	2.01	42.36	2.05
		25	32.30	1.84	34.31	1.91	36.31	1.98	37.76	2.00	40.32	2.04	42.33	2.08
		30	32.28	1.87	34.28	1.94	36.28	2.01	37.73	2.03	40.29	2.07	42.30	2.11
		35	32.25	1.89	34.25	1.96	36.26	2.03	37.70	2.06	40.26	2.10	42.27	2.14
		40	32.23	1.92	34.23	1.99	36.23	2.06	37.67	2.08	40.23	2.12	42.23	2.17
		45	32.20	1.94	34.20	2.02	36.20	2.09	37.65	2.11	40.20	2.15	42.20	2.20
		50	32.18	1.97	34.18	2.04	36.17	2.12	37.62	2.14	40.17	2.18	42.17	2.22
		55	32.15	2.00	34.15	2.07	36.15	2.14	37.59	2.17	40.14	2.21	42.14	2.25
		60	32.13	2.02	34.12	2.10	36.12	2.17	37.56	2.20	40.11	2.24	42.10	2.28
		65	32.10	2.05	34.10	2.12	36.09	2.20	37.53	2.22	40.08	2.27	42.07	2.31
		70	32.08	2.07	34.07	2.15	36.06	2.23	37.50	2.25	40.05	2.29	42.04	2.34
		75	31.31	2.18	33.29	2.26	35.28	2.35	36.72	2.37	39.26	2.42	41.24	2.47
		80	30.53	2.30	32.52	2.38	34.50	2.47	35.93	2.50	38.46	2.54	40.45	2.59
		85	29.77	2.41	31.75	2.50	33.72	2.59	35.15	2.62	37.68	2.67	39.66	2.72
		90	29.00	2.52	30.98	2.61	32.95	2.71	34.37	2.74	36.89	2.79	38.87	2.85
		95	28.17	2.63	30.14	2.73	32.10	2.83	**33.00**	**2.86**	36.03	2.91	37.99	2.97
		100	27.49	2.74	29.45	2.84	31.41	2.95	32.57	2.98	35.34	3.04	37.30	3.10
		105	26.80	2.86	28.76	2.96	30.73	3.07	32.14	3.10	34.65	3.16	36.62	3.22
		110	26.12	2.97	28.08	3.08	30.04	3.19	31.46	3.22	33.97	3.28	35.93	3.35
		115	25.43	3.08	27.39	3.19	29.36	3.31	30.77	3.35	33.28	3.41	35.24	3.48
		118	25.02	3.15	26.98	3.26	28.94	3.38	30.36	3.42	32.87	3.48	34.83	3.55
		122	24.88	3.24	26.84	3.35	28.81	3.48	30.22	3.52	32.73	3.58	34.69	3.65
	12 + 12 + 12	14	33.33	1.78	35.40	1.84	37.47	1.91	38.96	1.93	41.61	1.97	43.68	2.01
		20	33.30	1.80	35.37	1.87	37.44	1.94	38.94	1.96	41.58	2.00	43.65	2.04
		25	33.28	1.83	35.35	1.90	37.41	1.96	38.91	1.99	41.55	2.02	43.61	2.06
		30	33.25	1.85	35.32	1.92	37.38	1.99	38.88	2.01	41.51	2.05	43.58	2.09
		35	33.23	1.88	35.29	1.95	37.36	2.02	38.85	2.04	41.48	2.08	43.55	2.12
		40	33.20	1.90	35.27	1.97	37.33	2.05	38.82	2.07	41.45	2.11	43.51	2.15
		45	33.18	1.93	35.24	2.00	37.30	2.07	38.79	2.10	41.42	2.14	43.48	2.18
		50	33.15	1.96	35.21	2.03	37.27	2.10	38.76	2.13	41.39	2.17	43.45	2.21
		55	33.13	1.98	35.18	2.05	37.24	2.13	38.73	2.15	41.36	2.19	43.41	2.24
		60	33.10	2.01	35.16	2.08	37.21	2.16	38.70	2.18	41.32	2.22	43.38	2.27
		65	33.08	2.03	35.13	2.11	37.18	2.18	38.67	2.21	41.29	2.25	43.35	2.30
		70	33.05	2.06	35.10	2.13	37.16	2.21	38.64	2.24	41.26	2.28	43.31	2.32
		75	32.26	2.17	34.30	2.25	36.35	2.33	37.83	2.36	40.45	2.40	42.49	2.45
		80	31.46	2.28	33.50	2.36	35.54	2.45	37.02	2.48	39.63	2.52	41.67	2.58
		85	30.67	2.39	32.71	2.48	34.75	2.57	36.22	2.60	38.82	2.65	40.86	2.70
		90	29.88	2.50	31.92	2.59	33.95	2.69	35.42	2.72	38.01	2.77	40.05	2.83
		95	29.03	2.61	31.05	2.71	33.07	2.81	**34.00**	**2.84**	37.12	2.89	39.14	2.95
		100	28.32	2.72	30.34	2.82	32.37	2.93	33.56	2.96	36.41	3.02	38.43	3.08
		105	27.61	2.84	29.64	2.94	31.66	3.05	33.12	3.08	35.70	3.14	37.73	3.20
		110	26.91	2.95	28.93	3.05	30.95	3.17	32.41	3.20	35.00	3.26	37.02	3.33
		115	26.20	3.06	28.22	3.17	30.24	3.28	31.71	3.32	34.29	3.38	36.31	3.45
		118	25.78	3.12	27.80	3.24	29.82	3.36	31.28	3.40	33.87	3.46	35.89	3.53
		122	25.63	3.21	27.66	3.33	29.68	3.45	31.14	3.49	33.72	3.56	35.75	3.63

TC = Total Capacity (kBtu/h).

PI = Power Input (kW).

Nominal capacity as rated: 0 ft. above sea level with 25 ft. of refrigerant piping.
0 ft. level difference between outdoor and indoor units.

Nominal cooling capacity rating obtained with air entering the indoor unit at 80ºF dry bulb (DB) and 67ºF wet bulb (WB), and outdoor ambient conditions of 95ºF dry bulb (DB) and 75ºF wet bulb (WB).

The shaded table rows indicate reference data. When operating at this temperature, these values can be different if the system is not running consistently.

Due to our policy of continuous product innovation, some specifications may change without notification.
©LG Electronics U.S.A., Inc., Englewood Cliffs, NJ. All rights reserved. "LG" is a registered trademark of LG Corp.

PERFORMANCE DATA

Cooling Capacity Tables

Table 57: LMU369HV Cooling Capacity Table — Ducted Indoor Units (continued).

Connected Indoor Units	Combination Capacity Index	Outdoor Air Temp. (°F DB)	Indoor Air Temp. °F DB / °F WB											
			68 / 57		73 / 61		77 / 64		80 / 67		86 / 72		90 / 75	
			TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
Three (3) Ducted Indoor Units	9 + 9 + 18	14	33.33	1.78	35.40	1.84	37.47	1.91	38.96	1.93	41.61	1.97	43.68	2.01
		20	33.30	1.80	35.37	1.87	37.44	1.94	38.94	1.96	41.58	2.00	43.65	2.04
		25	33.28	1.83	35.35	1.90	37.41	1.96	38.91	1.99	41.55	2.02	43.61	2.06
		30	33.25	1.85	35.32	1.92	37.38	1.99	38.88	2.01	41.51	2.05	43.58	2.09
		35	33.23	1.88	35.29	1.95	37.36	2.02	38.85	2.04	41.48	2.08	43.55	2.12
		40	33.20	1.90	35.27	1.97	37.33	2.05	38.82	2.07	41.45	2.11	43.51	2.15
		45	33.18	1.93	35.24	2.00	37.30	2.07	38.79	2.10	41.42	2.14	43.48	2.18
		50	33.15	1.96	35.21	2.03	37.27	2.10	38.76	2.13	41.39	2.17	43.45	2.21
		55	33.13	1.98	35.18	2.05	37.24	2.13	38.73	2.15	41.36	2.19	43.41	2.24
		60	33.10	2.01	35.16	2.08	37.21	2.16	38.70	2.18	41.32	2.22	43.38	2.27
		65	33.08	2.03	35.13	2.11	37.18	2.18	38.67	2.21	41.29	2.25	43.35	2.30
		70	33.05	2.06	35.10	2.13	37.16	2.21	38.64	2.24	41.26	2.28	43.31	2.32
		75	32.26	2.17	34.30	2.25	36.35	2.33	37.83	2.36	40.45	2.40	42.49	2.45
		80	31.46	2.28	33.50	2.36	35.54	2.45	37.02	2.48	39.63	2.52	41.67	2.58
		85	30.67	2.39	32.71	2.48	34.75	2.57	36.22	2.60	38.82	2.65	40.86	2.70
		90	29.88	2.50	31.92	2.59	33.95	2.69	35.42	2.72	38.01	2.77	40.05	2.83
		95	29.03	2.61	31.05	2.71	33.07	2.81	**34.00**	**2.84**	37.12	2.89	39.14	2.95
		100	28.32	2.72	30.34	2.82	32.37	2.93	33.56	2.96	36.41	3.02	38.43	3.08
		105	27.61	2.84	29.64	2.94	31.66	3.05	33.12	3.08	35.70	3.14	37.73	3.20
		110	26.91	2.95	28.93	3.05	30.95	3.17	32.41	3.20	35.00	3.26	37.02	3.33
		115	26.20	3.06	28.22	3.17	30.24	3.28	31.71	3.32	34.29	3.38	36.31	3.45
		118	25.78	3.12	27.80	3.24	29.82	3.36	31.28	3.40	33.87	3.46	35.89	3.53
		122	25.63	3.21	27.66	3.33	29.68	3.45	31.14	3.49	33.72	3.56	35.75	3.63
	9 + 12 + 18	14	33.33	1.78	35.40	1.84	37.47	1.91	38.96	1.93	41.61	1.97	43.68	2.01
		20	33.30	1.80	35.37	1.87	37.44	1.94	38.94	1.96	41.58	2.00	43.65	2.04
		25	33.28	1.83	35.35	1.90	37.41	1.96	38.91	1.99	41.55	2.02	43.61	2.06
		30	33.25	1.85	35.32	1.92	37.38	1.99	38.88	2.01	41.51	2.05	43.58	2.09
		35	33.23	1.88	35.29	1.95	37.36	2.02	38.85	2.04	41.48	2.08	43.55	2.12
		40	33.20	1.90	35.27	1.97	37.33	2.05	38.82	2.07	41.45	2.11	43.51	2.15
		45	33.18	1.93	35.24	2.00	37.30	2.07	38.79	2.10	41.42	2.14	43.48	2.18
		50	33.15	1.96	35.21	2.03	37.27	2.10	38.76	2.13	41.39	2.17	43.45	2.21
		55	33.13	1.98	35.18	2.05	37.24	2.13	38.73	2.15	41.36	2.19	43.41	2.24
		60	33.10	2.01	35.16	2.08	37.21	2.16	38.70	2.18	41.32	2.22	43.38	2.27
		65	33.08	2.03	35.13	2.11	37.18	2.18	38.67	2.21	41.29	2.25	43.35	2.30
		70	33.05	2.06	35.10	2.13	37.16	2.21	38.64	2.24	41.26	2.28	43.31	2.32
		75	32.26	2.17	34.30	2.25	36.35	2.33	37.83	2.36	40.45	2.40	42.49	2.45
		80	31.46	2.28	33.50	2.36	35.54	2.45	37.02	2.48	39.63	2.52	41.67	2.58
		85	30.67	2.39	32.71	2.48	34.75	2.57	36.22	2.60	38.82	2.65	40.86	2.70
		90	29.88	2.50	31.92	2.59	33.95	2.69	35.42	2.72	38.01	2.77	40.05	2.83
		95	29.03	2.61	31.05	2.71	33.07	2.81	**34.00**	**2.84**	37.12	2.89	39.14	2.95
		100	28.32	2.72	30.34	2.82	32.37	2.93	33.56	2.96	36.41	3.02	38.43	3.08
		105	27.61	2.84	29.64	2.94	31.66	3.05	33.12	3.08	35.70	3.14	37.73	3.20
		110	26.91	2.95	28.93	3.05	30.95	3.17	32.41	3.20	35.00	3.26	37.02	3.33
		115	26.20	3.06	28.22	3.17	30.24	3.28	31.71	3.32	34.29	3.38	36.31	3.45
		118	25.78	3.12	27.80	3.24	29.82	3.36	31.28	3.40	33.87	3.46	35.89	3.53
		122	25.63	3.21	27.66	3.33	29.68	3.45	31.14	3.49	33.72	3.56	35.75	3.63

TC = Total Capacity (kBtu/h).

PI = Power Input (kW).

Nominal capacity as rated: 0 ft. above sea level with 25 ft. of refrigerant piping.
0 ft. level difference between outdoor and indoor units.

Nominal cooling capacity rating obtained with air entering the indoor unit at 80°F dry bulb (DB) and 67°F wet bulb (WB), and outdoor ambient conditions of 95°F dry bulb (DB) and 75°F wet bulb (WB).

The shaded table rows indicate reference data. When operating at this temperature, these values can be different if the system is not running consistently.

Due to our policy of continuous product innovation, some specifications may change without notification.
©LG Electronics U.S.A., Inc., Englewood Cliffs, NJ. All rights reserved. "LG" is a registered trademark of LG Corp.

Table 58: LMU369HV Cooling Capacity Table — Ducted Indoor Units (continued).

Connected Indoor Units	Combination Capacity Index	Outdoor Air Temp. (°F DB)	Indoor Air Temp. °F DB / °F WB											
			68 / 57		73 / 61		77 / 64		80 / 67		86 / 72		90 / 75	
			TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
Three (3) Ducted Indoor Units	12 + 12 + 18	14	33.33	1.78	35.40	1.84	37.47	1.91	38.96	1.93	41.61	1.97	43.68	2.01
		20	33.30	1.80	35.37	1.87	37.44	1.94	38.94	1.96	41.58	2.00	43.65	2.04
		25	33.28	1.83	35.35	1.90	37.41	1.96	38.91	1.99	41.55	2.02	43.61	2.06
		30	33.25	1.85	35.32	1.92	37.38	1.99	38.88	2.01	41.51	2.05	43.58	2.09
		35	33.23	1.88	35.29	1.95	37.36	2.02	38.85	2.04	41.48	2.08	43.55	2.12
		40	33.20	1.90	35.27	1.97	37.33	2.05	38.82	2.07	41.45	2.11	43.51	2.15
		45	33.18	1.93	35.24	2.00	37.30	2.07	38.79	2.10	41.42	2.14	43.48	2.18
		50	33.15	1.96	35.21	2.03	37.27	2.10	38.76	2.13	41.39	2.17	43.45	2.21
		55	33.13	1.98	35.18	2.05	37.24	2.13	38.73	2.15	41.36	2.19	43.41	2.24
		60	33.10	2.01	35.16	2.08	37.21	2.16	38.70	2.18	41.32	2.22	43.38	2.27
		65	33.08	2.03	35.13	2.11	37.18	2.18	38.67	2.21	41.29	2.25	43.35	2.30
		70	33.05	2.06	35.10	2.13	37.16	2.21	38.64	2.24	41.26	2.28	43.31	2.32
		75	32.26	2.17	34.30	2.25	36.35	2.33	37.83	2.36	40.45	2.40	42.49	2.45
		80	31.46	2.28	33.50	2.36	35.54	2.45	37.02	2.48	39.63	2.52	41.67	2.58
		85	30.67	2.39	32.71	2.48	34.75	2.57	36.22	2.60	38.82	2.65	40.86	2.70
		90	29.88	2.50	31.92	2.59	33.95	2.69	35.42	2.72	38.01	2.77	40.05	2.83
		95	29.03	2.61	31.05	2.71	33.07	2.81	**34.00**	**2.84**	37.12	2.89	39.14	2.95
		100	28.32	2.72	30.34	2.82	32.37	2.93	33.56	2.96	36.41	3.02	38.43	3.08
		105	27.61	2.84	29.64	2.94	31.66	3.05	33.12	3.08	35.70	3.14	37.73	3.20
		110	26.91	2.95	28.93	3.05	30.95	3.17	32.41	3.20	35.00	3.26	37.02	3.33
		115	26.20	3.06	28.22	3.17	30.24	3.28	31.71	3.32	34.29	3.38	36.31	3.45
		118	25.78	3.12	27.80	3.24	29.82	3.36	31.28	3.40	33.87	3.46	35.89	3.53
		122	25.63	3.21	27.66	3.33	29.68	3.45	31.14	3.49	33.72	3.56	35.75	3.63
	9 + 18 + 18	14	33.33	1.78	35.40	1.84	37.47	1.91	38.96	1.93	41.61	1.97	43.68	2.01
		20	33.30	1.80	35.37	1.87	37.44	1.94	38.94	1.96	41.58	2.00	43.65	2.04
		25	33.28	1.83	35.35	1.90	37.41	1.96	38.91	1.99	41.55	2.02	43.61	2.06
		30	33.25	1.85	35.32	1.92	37.38	1.99	38.88	2.01	41.51	2.05	43.58	2.09
		35	33.23	1.88	35.29	1.95	37.36	2.02	38.85	2.04	41.48	2.08	43.55	2.12
		40	33.20	1.90	35.27	1.97	37.33	2.05	38.82	2.07	41.45	2.11	43.51	2.15
		45	33.18	1.93	35.24	2.00	37.30	2.07	38.79	2.10	41.42	2.14	43.48	2.18
		50	33.15	1.96	35.21	2.03	37.27	2.10	38.76	2.13	41.39	2.17	43.45	2.21
		55	33.13	1.98	35.18	2.05	37.24	2.13	38.73	2.15	41.36	2.19	43.41	2.24
		60	33.10	2.01	35.16	2.08	37.21	2.16	38.70	2.18	41.32	2.22	43.38	2.27
		65	33.08	2.03	35.13	2.11	37.18	2.18	38.67	2.21	41.29	2.25	43.35	2.30
		70	33.05	2.06	35.10	2.13	37.16	2.21	38.64	2.24	41.26	2.28	43.31	2.32
		75	32.26	2.17	34.30	2.25	36.35	2.33	37.83	2.36	40.45	2.40	42.49	2.45
		80	31.46	2.28	33.50	2.36	35.54	2.45	37.02	2.48	39.63	2.52	41.67	2.58
		85	30.67	2.39	32.71	2.48	34.75	2.57	36.22	2.60	38.82	2.65	40.86	2.70
		90	29.88	2.50	31.92	2.59	33.95	2.69	35.42	2.72	38.01	2.77	40.05	2.83
		95	29.03	2.61	31.05	2.71	33.07	2.81	**34.00**	**2.84**	37.12	2.89	39.14	2.95
		100	28.32	2.72	30.34	2.82	32.37	2.93	33.56	2.96	36.41	3.02	38.43	3.08
		105	27.61	2.84	29.64	2.94	31.66	3.05	33.12	3.08	35.70	3.14	37.73	3.20
		110	26.91	2.95	28.93	3.05	30.95	3.17	32.41	3.20	35.00	3.26	37.02	3.33
		115	26.20	3.06	28.22	3.17	30.24	3.28	31.71	3.32	34.29	3.38	36.31	3.45
		118	25.78	3.12	27.80	3.24	29.82	3.36	31.28	3.40	33.87	3.46	35.89	3.53
		122	25.63	3.21	27.66	3.33	29.68	3.45	31.14	3.49	33.72	3.56	35.75	3.63

TC = Total Capacity (kBtu/h).

PI = Power Input (kW).

Nominal capacity as rated: 0 ft. above sea level with 25 ft. of refrigerant piping.
0 ft. level difference between outdoor and indoor units.

Nominal cooling capacity rating obtained with air entering the indoor unit at 80ºF dry bulb (DB) and 67ºF wet bulb (WB), and outdoor ambient conditions of 95ºF dry bulb (DB) and 75ºF wet bulb (WB).

The shaded table rows indicate reference data. When operating at this temperature, these values can be different if the system is not running consistently.

Due to our policy of continuous product innovation, some specifications may change without notification.
©LG Electronics U.S.A., Inc., Englewood Cliffs, NJ. All rights reserved. "LG" is a registered trademark of LG Corp.

PERFORMANCE DATA

Cooling Capacity Tables

Table 59: LMU369HV Cooling Capacity Table — Ducted Indoor Units (continued).

Connected Indoor Units	Combination Capacity Index	Outdoor Air Temp. (°F DB)	Indoor Air Temp. °F DB / °F WB											
			68 / 57		73 / 61		77 / 64		80 / 67		86 / 72		90 / 75	
			TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
Three (3) Ducted Indoor Units	12 + 18 + 18	14	33.33	1.78	35.40	1.84	37.47	1.91	38.96	1.93	41.61	1.97	43.68	2.01
		20	33.30	1.80	35.37	1.87	37.44	1.94	38.94	1.96	41.58	2.00	43.65	2.04
		25	33.28	1.83	35.35	1.90	37.41	1.96	38.91	1.99	41.55	2.02	43.61	2.06
		30	33.25	1.85	35.32	1.92	37.38	1.99	38.88	2.01	41.51	2.05	43.58	2.09
		35	33.23	1.88	35.29	1.95	37.36	2.02	38.85	2.04	41.48	2.08	43.55	2.12
		40	33.20	1.90	35.27	1.97	37.33	2.05	38.82	2.07	41.45	2.11	43.51	2.15
		45	33.18	1.93	35.24	2.00	37.30	2.07	38.79	2.10	41.42	2.14	43.48	2.18
		50	33.15	1.96	35.21	2.03	37.27	2.10	38.76	2.13	41.39	2.17	43.45	2.21
		55	33.13	1.98	35.18	2.05	37.24	2.13	38.73	2.15	41.36	2.19	43.41	2.24
		60	33.10	2.01	35.16	2.08	37.21	2.16	38.70	2.18	41.32	2.22	43.38	2.27
		65	33.08	2.03	35.13	2.11	37.18	2.18	38.67	2.21	41.29	2.25	43.35	2.30
		70	33.05	2.06	35.10	2.13	37.16	2.21	38.64	2.24	41.26	2.28	43.31	2.32
		75	32.26	2.17	34.30	2.25	36.35	2.33	37.83	2.36	40.45	2.40	42.49	2.45
		80	31.46	2.28	33.50	2.36	35.54	2.45	37.02	2.48	39.63	2.52	41.67	2.58
		85	30.67	2.39	32.71	2.48	34.75	2.57	36.22	2.60	38.82	2.65	40.86	2.70
		90	29.88	2.50	31.92	2.59	33.95	2.69	35.42	2.72	38.01	2.77	40.05	2.83
		95	29.03	2.61	31.05	2.71	33.07	2.81	**34.00**	**2.84**	37.12	2.89	39.14	2.95
		100	28.32	2.72	30.34	2.82	32.37	2.93	33.56	2.96	36.41	3.02	38.43	3.08
		105	27.61	2.84	29.64	2.94	31.66	3.05	33.12	3.08	35.70	3.14	37.73	3.20
		110	26.91	2.95	28.93	3.05	30.95	3.17	32.41	3.20	35.00	3.26	37.02	3.33
		115	26.20	3.06	28.22	3.17	30.24	3.28	31.71	3.32	34.29	3.38	36.31	3.45
		118	25.78	3.12	27.80	3.24	29.82	3.36	31.28	3.40	33.87	3.46	35.89	3.53
		122	25.63	3.21	27.66	3.33	29.68	3.45	31.14	3.49	33.72	3.56	35.75	3.63
Four (4) Ducted Indoor Units	9 + 9 + 9 + 9	14	33.33	1.78	35.40	1.84	37.47	1.91	38.96	1.93	41.61	1.97	43.68	2.01
		20	33.30	1.80	35.37	1.87	37.44	1.94	38.94	1.96	41.58	2.00	43.65	2.04
		25	33.28	1.83	35.35	1.90	37.41	1.96	38.91	1.99	41.55	2.02	43.61	2.06
		30	33.25	1.85	35.32	1.92	37.38	1.99	38.88	2.01	41.51	2.05	43.58	2.09
		35	33.23	1.88	35.29	1.95	37.36	2.02	38.85	2.04	41.48	2.08	43.55	2.12
		40	33.20	1.90	35.27	1.97	37.33	2.05	38.82	2.07	41.45	2.11	43.51	2.15
		45	33.18	1.93	35.24	2.00	37.30	2.07	38.79	2.10	41.42	2.14	43.48	2.18
		50	33.15	1.96	35.21	2.03	37.27	2.10	38.76	2.13	41.39	2.17	43.45	2.21
		55	33.13	1.98	35.18	2.05	37.24	2.13	38.73	2.15	41.36	2.19	43.41	2.24
		60	33.10	2.01	35.16	2.08	37.21	2.16	38.70	2.18	41.32	2.22	43.38	2.27
		65	33.08	2.03	35.13	2.11	37.18	2.18	38.67	2.21	41.29	2.25	43.35	2.30
		70	33.05	2.06	35.10	2.13	37.16	2.21	38.64	2.24	41.26	2.28	43.31	2.32
		75	32.26	2.17	34.30	2.25	36.35	2.33	37.83	2.36	40.45	2.40	42.49	2.45
		80	31.46	2.28	33.50	2.36	35.54	2.45	37.02	2.48	39.63	2.52	41.67	2.58
		85	30.67	2.39	32.71	2.48	34.75	2.57	36.22	2.60	38.82	2.65	40.86	2.70
		90	29.88	2.50	31.92	2.59	33.95	2.69	35.42	2.72	38.01	2.77	40.05	2.83
		95	29.03	2.61	31.05	2.71	33.07	2.81	**34.00**	**2.84**	37.12	2.89	39.14	2.95
		100	28.32	2.72	30.34	2.82	32.37	2.93	33.56	2.96	36.41	3.02	38.43	3.08
		105	27.61	2.84	29.64	2.94	31.66	3.05	33.12	3.08	35.70	3.14	37.73	3.20
		110	26.91	2.95	28.93	3.05	30.95	3.17	32.41	3.20	35.00	3.26	37.02	3.33
		115	26.20	3.06	28.22	3.17	30.24	3.28	31.71	3.32	34.29	3.38	36.31	3.45
		118	25.78	3.12	27.80	3.24	29.82	3.36	31.28	3.40	33.87	3.46	35.89	3.53
		122	25.63	3.21	27.66	3.33	29.68	3.45	31.14	3.49	33.72	3.56	35.75	3.63

TC = Total Capacity (kBtu/h).

PI = Power Input (kW).

Nominal capacity as rated: 0 ft. above sea level with 25 ft. of refrigerant piping.
0 ft. level difference between outdoor and indoor units.

Nominal cooling capacity rating obtained with air entering the indoor unit at 80°F dry bulb (DB) and 67°F wet bulb (WB), and outdoor ambient conditions of 95°F dry bulb (DB) and 75°F wet bulb (WB).

The shaded table rows indicate reference data. When operating at this temperature, these values can be different if the system is not running consistently.

Due to our policy of continuous product innovation, some specifications may change without notification.
©LG Electronics U.S.A., Inc., Englewood Cliffs, NJ. All rights reserved. "LG" is a registered trademark of LG Corp.

Table 60: LMU369HV Cooling Capacity Table — Ducted Indoor Units (continued).

Connected Indoor Units	Combination Capacity Index	Outdoor Air Temp. (°F DB)	Indoor Air Temp. °F DB / °F WB											
			68 / 57		73 / 61		77 / 64		80 / 67		86 / 72		90 / 75	
			TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
Four (4) Ducted Indoor Units	9 + 9 + 9 + 12	14	33.33	1.78	35.40	1.84	37.47	1.91	38.96	1.93	41.61	1.97	43.68	2.01
		20	33.30	1.80	35.37	1.87	37.44	1.94	38.94	1.96	41.58	2.00	43.65	2.04
		25	33.28	1.83	35.35	1.90	37.41	1.96	38.91	1.99	41.55	2.02	43.61	2.06
		30	33.25	1.85	35.32	1.92	37.38	1.99	38.88	2.01	41.51	2.05	43.58	2.09
		35	33.23	1.88	35.29	1.95	37.36	2.02	38.85	2.04	41.48	2.08	43.55	2.12
		40	33.20	1.90	35.27	1.97	37.33	2.05	38.82	2.07	41.45	2.11	43.51	2.15
		45	33.18	1.93	35.24	2.00	37.30	2.07	38.79	2.10	41.42	2.14	43.48	2.18
		50	33.15	1.96	35.21	2.03	37.27	2.10	38.76	2.13	41.39	2.17	43.45	2.21
		55	33.13	1.98	35.18	2.05	37.24	2.13	38.73	2.15	41.36	2.19	43.41	2.24
		60	33.10	2.01	35.16	2.08	37.21	2.16	38.70	2.18	41.32	2.22	43.38	2.27
		65	33.08	2.03	35.13	2.11	37.18	2.18	38.67	2.21	41.29	2.25	43.35	2.30
		70	33.05	2.06	35.10	2.13	37.16	2.21	38.64	2.24	41.26	2.28	43.31	2.32
		75	32.26	2.17	34.30	2.25	36.35	2.33	37.83	2.36	40.45	2.40	42.49	2.45
		80	31.46	2.28	33.50	2.36	35.54	2.45	37.02	2.48	39.63	2.52	41.67	2.58
		85	30.67	2.39	32.71	2.48	34.75	2.57	36.22	2.60	38.82	2.65	40.86	2.70
		90	29.88	2.50	31.92	2.59	33.95	2.69	35.42	2.72	38.01	2.77	40.05	2.83
		95	29.03	2.61	31.05	2.71	33.07	2.81	**34.00**	**2.84**	37.12	2.89	39.14	2.95
		100	28.32	2.72	30.34	2.82	32.37	2.93	33.56	2.96	36.41	3.02	38.43	3.08
		105	27.61	2.84	29.64	2.94	31.66	3.05	33.12	3.08	35.70	3.14	37.73	3.20
		110	26.91	2.95	28.93	3.05	30.95	3.17	32.41	3.20	35.00	3.26	37.02	3.33
		115	26.20	3.06	28.22	3.17	30.24	3.28	31.71	3.32	34.29	3.38	36.31	3.45
		118	25.78	3.12	27.80	3.24	29.82	3.36	31.28	3.40	33.87	3.46	35.89	3.53
		122	25.63	3.21	27.66	3.33	29.68	3.45	31.14	3.49	33.72	3.56	35.75	3.63
	9 + 9 + 12 + 12	14	33.33	1.78	35.40	1.84	37.47	1.91	38.96	1.93	41.61	1.97	43.68	2.01
		20	33.30	1.80	35.37	1.87	37.44	1.94	38.94	1.96	41.58	2.00	43.65	2.04
		25	33.28	1.83	35.35	1.90	37.41	1.96	38.91	1.99	41.55	2.02	43.61	2.06
		30	33.25	1.85	35.32	1.92	37.38	1.99	38.88	2.01	41.51	2.05	43.58	2.09
		35	33.23	1.88	35.29	1.95	37.36	2.02	38.85	2.04	41.48	2.08	43.55	2.12
		40	33.20	1.90	35.27	1.97	37.33	2.05	38.82	2.07	41.45	2.11	43.51	2.15
		45	33.18	1.93	35.24	2.00	37.30	2.07	38.79	2.10	41.42	2.14	43.48	2.18
		50	33.15	1.96	35.21	2.03	37.27	2.10	38.76	2.13	41.39	2.17	43.45	2.21
		55	33.13	1.98	35.18	2.05	37.24	2.13	38.73	2.15	41.36	2.19	43.41	2.24
		60	33.10	2.01	35.16	2.08	37.21	2.16	38.70	2.18	41.32	2.22	43.38	2.27
		65	33.08	2.03	35.13	2.11	37.18	2.18	38.67	2.21	41.29	2.25	43.35	2.30
		70	33.05	2.06	35.10	2.13	37.16	2.21	38.64	2.24	41.26	2.28	43.31	2.32
		75	32.26	2.17	34.30	2.25	36.35	2.33	37.83	2.36	40.45	2.40	42.49	2.45
		80	31.46	2.28	33.50	2.36	35.54	2.45	37.02	2.48	39.63	2.52	41.67	2.58
		85	30.67	2.39	32.71	2.48	34.75	2.57	36.22	2.60	38.82	2.65	40.86	2.70
		90	29.88	2.50	31.92	2.59	33.95	2.69	35.42	2.72	38.01	2.77	40.05	2.83
		95	29.03	2.61	31.05	2.71	33.07	2.81	**34.00**	**2.84**	37.12	2.89	39.14	2.95
		100	28.32	2.72	30.34	2.82	32.37	2.93	33.56	2.96	36.41	3.02	38.43	3.08
		105	27.61	2.84	29.64	2.94	31.66	3.05	33.12	3.08	35.70	3.14	37.73	3.20
		110	26.91	2.95	28.93	3.05	30.95	3.17	32.41	3.20	35.00	3.26	37.02	3.33
		115	26.20	3.06	28.22	3.17	30.24	3.28	31.71	3.32	34.29	3.38	36.31	3.45
		118	25.78	3.12	27.80	3.24	29.82	3.36	31.28	3.40	33.87	3.46	35.89	3.53
		122	25.63	3.21	27.66	3.33	29.68	3.45	31.14	3.49	33.72	3.56	35.75	3.63

TC = Total Capacity (kBtu/h).

PI = Power Input (kW).

Nominal capacity as rated: 0 ft. above sea level with 25 ft. of refrigerant piping.
0 ft. level difference between outdoor and indoor units.

Nominal cooling capacity rating obtained with air entering the indoor unit at 80°F dry bulb (DB) and 67°F wet bulb (WB), and outdoor ambient conditions of 95°F dry bulb (DB) and 75°F wet bulb (WB).

The shaded table rows indicate reference data. When operating at this temperature, these values can be different if the system is not running consistently.

Due to our policy of continuous product innovation, some specifications may change without notification.
©LG Electronics U.S.A., Inc., Englewood Cliffs, NJ. All rights reserved. "LG" is a registered trademark of LG Corp.

PERFORMANCE DATA

Cooling Capacity Tables

Table 61: LMU369HV Cooling Capacity Table — Ducted Indoor Units (continued).

Connected Indoor Units	Combination Capacity Index	Outdoor Air Temp. (°F DB)	Indoor Air Temp. °F DB / °F WB											
			68 / 57		73 / 61		77 / 64		80 / 67		86 / 72		90 / 75	
			TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
Four (4) Ducted Indoor Units	9 + 12 + 12 + 12	14	33.33	1.78	35.40	1.84	37.47	1.91	38.96	1.93	41.61	1.97	43.68	2.01
		20	33.30	1.80	35.37	1.87	37.44	1.94	38.94	1.96	41.58	2.00	43.65	2.04
		25	33.28	1.83	35.35	1.90	37.41	1.96	38.91	1.99	41.55	2.02	43.61	2.06
		30	33.25	1.85	35.32	1.92	37.38	1.99	38.88	2.01	41.51	2.05	43.58	2.09
		35	33.23	1.88	35.29	1.95	37.36	2.02	38.85	2.04	41.48	2.08	43.55	2.12
		40	33.20	1.90	35.27	1.97	37.33	2.05	38.82	2.07	41.45	2.11	43.51	2.15
		45	33.18	1.93	35.24	2.00	37.30	2.07	38.79	2.10	41.42	2.14	43.48	2.18
		50	33.15	1.96	35.21	2.03	37.27	2.10	38.76	2.13	41.39	2.17	43.45	2.21
		55	33.13	1.98	35.18	2.05	37.24	2.13	38.73	2.15	41.36	2.19	43.41	2.24
		60	33.10	2.01	35.16	2.08	37.21	2.16	38.70	2.18	41.32	2.22	43.38	2.27
		65	33.08	2.03	35.13	2.11	37.18	2.18	38.67	2.21	41.29	2.25	43.35	2.30
		70	33.05	2.06	35.10	2.13	37.16	2.21	38.64	2.24	41.26	2.28	43.31	2.32
		75	32.26	2.17	34.30	2.25	36.35	2.33	37.83	2.36	40.45	2.40	42.49	2.45
		80	31.46	2.28	33.50	2.36	35.54	2.45	37.02	2.48	39.63	2.52	41.67	2.58
		85	30.67	2.39	32.71	2.48	34.75	2.57	36.22	2.60	38.82	2.65	40.86	2.70
		90	29.88	2.50	31.92	2.59	33.95	2.69	35.42	2.72	38.01	2.77	40.05	2.83
		95	29.03	2.61	31.05	2.71	33.07	2.81	**34.00**	**2.84**	37.12	2.89	39.14	2.95
		100	28.32	2.72	30.34	2.82	32.37	2.93	33.56	2.96	36.41	3.02	38.43	3.08
		105	27.61	2.84	29.64	2.94	31.66	3.05	33.12	3.08	35.70	3.14	37.73	3.20
		110	26.91	2.95	28.93	3.05	30.95	3.17	32.41	3.20	35.00	3.26	37.02	3.33
		115	26.20	3.06	28.22	3.17	30.24	3.28	31.71	3.32	34.29	3.38	36.31	3.45
		118	25.78	3.12	27.80	3.24	29.82	3.36	31.28	3.40	33.87	3.46	35.89	3.53
		122	25.63	3.21	27.66	3.33	29.68	3.45	31.14	3.49	33.72	3.56	35.75	3.63
	9 + 9 + 9 + 18	14	33.33	1.78	35.40	1.84	37.47	1.91	38.96	1.93	41.61	1.97	43.68	2.01
		20	33.30	1.80	35.37	1.87	37.44	1.94	38.94	1.96	41.58	2.00	43.65	2.04
		25	33.28	1.83	35.35	1.90	37.41	1.96	38.91	1.99	41.55	2.02	43.61	2.06
		30	33.25	1.85	35.32	1.92	37.38	1.99	38.88	2.01	41.51	2.05	43.58	2.09
		35	33.23	1.88	35.29	1.95	37.36	2.02	38.85	2.04	41.48	2.08	43.55	2.12
		40	33.20	1.90	35.27	1.97	37.33	2.05	38.82	2.07	41.45	2.11	43.51	2.15
		45	33.18	1.93	35.24	2.00	37.30	2.07	38.79	2.10	41.42	2.14	43.48	2.18
		50	33.15	1.96	35.21	2.03	37.27	2.10	38.76	2.13	41.39	2.17	43.45	2.21
		55	33.13	1.98	35.18	2.05	37.24	2.13	38.73	2.15	41.36	2.19	43.41	2.24
		60	33.10	2.01	35.16	2.08	37.21	2.16	38.70	2.18	41.32	2.22	43.38	2.27
		65	33.08	2.03	35.13	2.11	37.18	2.18	38.67	2.21	41.29	2.25	43.35	2.30
		70	33.05	2.06	35.10	2.13	37.16	2.21	38.64	2.24	41.26	2.28	43.31	2.32
		75	32.26	2.17	34.30	2.25	36.35	2.33	37.83	2.36	40.45	2.40	42.49	2.45
		80	31.46	2.28	33.50	2.36	35.54	2.45	37.02	2.48	39.63	2.52	41.67	2.58
		85	30.67	2.39	32.71	2.48	34.75	2.57	36.22	2.60	38.82	2.65	40.86	2.70
		90	29.88	2.50	31.92	2.59	33.95	2.69	35.42	2.72	38.01	2.77	40.05	2.83
		95	29.03	2.61	31.05	2.71	33.07	2.81	**34.00**	**2.84**	37.12	2.89	39.14	2.95
		100	28.32	2.72	30.34	2.82	32.37	2.93	33.56	2.96	36.41	3.02	38.43	3.08
		105	27.61	2.84	29.64	2.94	31.66	3.05	33.12	3.08	35.70	3.14	37.73	3.20
		110	26.91	2.95	28.93	3.05	30.95	3.17	32.41	3.20	35.00	3.26	37.02	3.33
		115	26.20	3.06	28.22	3.17	30.24	3.28	31.71	3.32	34.29	3.38	36.31	3.45
		118	25.78	3.12	27.80	3.24	29.82	3.36	31.28	3.40	33.87	3.46	35.89	3.53
		122	25.63	3.21	27.66	3.33	29.68	3.45	31.14	3.49	33.72	3.56	35.75	3.63

TC = Total Capacity (kBtu/h).

PI = Power Input (kW).

Nominal capacity as rated: 0 ft. above sea level with 25 ft. of refrigerant piping.
0 ft. level difference between outdoor and indoor units.

Nominal cooling capacity rating obtained with air entering the indoor unit at 80°F dry bulb (DB) and 67°F wet bulb (WB), and outdoor ambient conditions of 95°F dry bulb (DB) and 75°F wet bulb (WB).

The shaded table rows indicate reference data. When operating at this temperature, these values can be different if the system is not running consistently.

Due to our policy of continuous product innovation, some specifications may change without notification.
©LG Electronics U.S.A., Inc., Englewood Cliffs, NJ. All rights reserved. "LG" is a registered trademark of LG Corp.

Table 62: LMU369HV Cooling Capacity Table — Ducted Indoor Units (continued).

Connected Indoor Units	Combination Capacity Index	Outdoor Air Temp. (°F DB)	Indoor Air Temp. °F DB / °F WB											
			68 / 57		73 / 61		77 / 64		80 / 67		86 / 72		90 / 75	
			TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
Four (4) Ducted Indoor Units	9 + 9 + 12 + 18	14	33.33	1.78	35.40	1.84	37.47	1.91	38.96	1.93	41.61	1.97	43.68	2.01
		20	33.30	1.80	35.37	1.87	37.44	1.94	38.94	1.96	41.58	2.00	43.65	2.04
		25	33.28	1.83	35.35	1.90	37.41	1.96	38.91	1.99	41.55	2.02	43.61	2.06
		30	33.25	1.85	35.32	1.92	37.38	1.99	38.88	2.01	41.51	2.05	43.58	2.09
		35	33.23	1.88	35.29	1.95	37.36	2.02	38.85	2.04	41.48	2.08	43.55	2.12
		40	33.20	1.90	35.27	1.97	37.33	2.05	38.82	2.07	41.45	2.11	43.51	2.15
		45	33.18	1.93	35.24	2.00	37.30	2.07	38.79	2.10	41.42	2.14	43.48	2.18
		50	33.15	1.96	35.21	2.03	37.27	2.10	38.76	2.13	41.39	2.17	43.45	2.21
		55	33.13	1.98	35.18	2.05	37.24	2.13	38.73	2.15	41.36	2.19	43.41	2.24
		60	33.10	2.01	35.16	2.08	37.21	2.16	38.70	2.18	41.32	2.22	43.38	2.27
		65	33.08	2.03	35.13	2.11	37.18	2.18	38.67	2.21	41.29	2.25	43.35	2.30
		70	33.05	2.06	35.10	2.13	37.16	2.21	38.64	2.24	41.26	2.28	43.31	2.32
		75	32.26	2.17	34.30	2.25	36.35	2.33	37.83	2.36	40.45	2.40	42.49	2.45
		80	31.46	2.28	33.50	2.36	35.54	2.45	37.02	2.48	39.63	2.52	41.67	2.58
		85	30.67	2.39	32.71	2.48	34.75	2.57	36.22	2.60	38.82	2.65	40.86	2.70
		90	29.88	2.50	31.92	2.59	33.95	2.69	35.42	2.72	38.01	2.77	40.05	2.83
		95	29.03	2.61	31.05	2.71	33.07	2.81	**34.00**	**2.84**	37.12	2.89	39.14	2.95
		100	28.32	2.72	30.34	2.82	32.37	2.93	33.56	2.96	36.41	3.02	38.43	3.08
		105	27.61	2.84	29.64	2.94	31.66	3.05	33.12	3.08	35.70	3.14	37.73	3.20
		110	26.91	2.95	28.93	3.05	30.95	3.17	32.41	3.20	35.00	3.26	37.02	3.33
		115	26.20	3.06	28.22	3.17	30.24	3.28	31.71	3.32	34.29	3.38	36.31	3.45
		118	25.78	3.12	27.80	3.24	29.82	3.36	31.28	3.40	33.87	3.46	35.89	3.53
		122	25.63	3.21	27.66	3.33	29.68	3.45	31.14	3.49	33.72	3.56	35.75	3.63
	12 + 12 + 12 + 12	14	33.33	1.78	35.40	1.84	37.47	1.91	38.96	1.93	41.61	1.97	43.68	2.01
		20	33.30	1.80	35.37	1.87	37.44	1.94	38.94	1.96	41.58	2.00	43.65	2.04
		25	33.28	1.83	35.35	1.90	37.41	1.96	38.91	1.99	41.55	2.02	43.61	2.06
		30	33.25	1.85	35.32	1.92	37.38	1.99	38.88	2.01	41.51	2.05	43.58	2.09
		35	33.23	1.88	35.29	1.95	37.36	2.02	38.85	2.04	41.48	2.08	43.55	2.12
		40	33.20	1.90	35.27	1.97	37.33	2.05	38.82	2.07	41.45	2.11	43.51	2.15
		45	33.18	1.93	35.24	2.00	37.30	2.07	38.79	2.10	41.42	2.14	43.48	2.18
		50	33.15	1.96	35.21	2.03	37.27	2.10	38.76	2.13	41.39	2.17	43.45	2.21
		55	33.13	1.98	35.18	2.05	37.24	2.13	38.73	2.15	41.36	2.19	43.41	2.24
		60	33.10	2.01	35.16	2.08	37.21	2.16	38.70	2.18	41.32	2.22	43.38	2.27
		65	33.08	2.03	35.13	2.11	37.18	2.18	38.67	2.21	41.29	2.25	43.35	2.30
		70	33.05	2.06	35.10	2.13	37.16	2.21	38.64	2.24	41.26	2.28	43.31	2.32
		75	32.26	2.17	34.30	2.25	36.35	2.33	37.83	2.36	40.45	2.40	42.49	2.45
		80	31.46	2.28	33.50	2.36	35.54	2.45	37.02	2.48	39.63	2.52	41.67	2.58
		85	30.67	2.39	32.71	2.48	34.75	2.57	36.22	2.60	38.82	2.65	40.86	2.70
		90	29.88	2.50	31.92	2.59	33.95	2.69	35.42	2.72	38.01	2.77	40.05	2.83
		95	29.03	2.61	31.05	2.71	33.07	2.81	**34.00**	**2.84**	37.12	2.89	39.14	2.95
		100	28.32	2.72	30.34	2.82	32.37	2.93	33.56	2.96	36.41	3.02	38.43	3.08
		105	27.61	2.84	29.64	2.94	31.66	3.05	33.12	3.08	35.70	3.14	37.73	3.20
		110	26.91	2.95	28.93	3.05	30.95	3.17	32.41	3.20	35.00	3.26	37.02	3.33
		115	26.20	3.06	28.22	3.17	30.24	3.28	31.71	3.32	34.29	3.38	36.31	3.45
		118	25.78	3.12	27.80	3.24	29.82	3.36	31.28	3.40	33.87	3.46	35.89	3.53
		122	25.63	3.21	27.66	3.33	29.68	3.45	31.14	3.49	33.72	3.56	35.75	3.63

TC = Total Capacity (kBtu/h).

PI = Power Input (kW).

Nominal capacity as rated: 0 ft. above sea level with 25 ft. of refrigerant piping.
0 ft. level difference between outdoor and indoor units.

Nominal cooling capacity rating obtained with air entering the indoor unit at 80ºF dry bulb (DB) and 67ºF wet bulb (WB), and outdoor ambient conditions of 95ºF dry bulb (DB) and 75ºF wet bulb (WB).

The shaded table rows indicate reference data. When operating at this temperature, these values can be different if the system is not running consistently.

Due to our policy of continuous product innovation, some specifications may change without notification.
©LG Electronics U.S.A., Inc., Englewood Cliffs, NJ. All rights reserved. "LG" is a registered trademark of LG Corp.

PERFORMANCE DATA

Cooling Capacity Tables

Table 63: LMU369HV Cooling Capacity Table — Mixed Indoor Units

Connected Indoor Units	Combination Capacity Index	Outdoor Air Temp. (°F DB)	Indoor Air Temp. °F DB / °F WB											
			68 / 57		73 / 61		77 / 64		80 / 67		86 / 72		90 / 75	
			TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
Two (2) Mixed Indoor Units	9 + 9	14	17.65	1.21	18.74	1.26	19.84	1.30	20.63	1.32	22.03	1.34	23.12	1.37
		20	17.63	1.23	18.73	1.28	19.82	1.32	20.61	1.34	22.01	1.36	23.11	1.39
		25	17.62	1.25	18.71	1.29	19.81	1.34	20.60	1.36	22.00	1.38	23.09	1.41
		30	17.60	1.27	18.70	1.31	19.79	1.36	20.58	1.38	21.98	1.40	23.07	1.43
		35	17.59	1.28	18.68	1.33	19.78	1.38	20.57	1.40	21.96	1.42	23.05	1.45
		40	17.58	1.30	18.67	1.35	19.76	1.40	20.55	1.41	21.94	1.44	23.04	1.47
		45	17.56	1.32	18.66	1.37	19.75	1.42	20.53	1.43	21.93	1.46	23.02	1.49
		50	17.55	1.34	18.64	1.38	19.73	1.44	20.52	1.45	21.91	1.48	23.00	1.51
		55	17.54	1.35	18.63	1.40	19.72	1.45	20.50	1.47	21.89	1.50	22.98	1.53
		60	17.52	1.37	18.61	1.42	19.70	1.47	20.49	1.49	21.88	1.52	22.97	1.55
		65	17.51	1.39	18.60	1.44	19.69	1.49	20.47	1.51	21.86	1.54	22.95	1.57
		70	17.50	1.41	18.58	1.46	19.67	1.51	20.46	1.53	21.84	1.56	22.93	1.59
		75	17.08	1.48	18.16	1.54	19.24	1.59	20.03	1.61	21.41	1.64	22.50	1.67
		80	16.66	1.56	17.74	1.61	18.82	1.67	19.60	1.69	20.98	1.72	22.06	1.76
		85	16.24	1.63	17.32	1.69	18.40	1.75	19.17	1.78	20.55	1.81	21.63	1.84
		90	15.82	1.71	16.90	1.77	17.97	1.84	18.75	1.86	20.12	1.89	21.20	1.93
		95	15.37	1.79	16.44	1.85	17.51	1.92	**18.00**	**1.94**	19.65	1.98	20.72	2.02
		100	14.99	1.86	16.06	1.93	17.13	2.00	17.77	2.02	19.28	2.06	20.35	2.10
		105	14.62	1.94	15.69	2.01	16.76	2.08	17.53	2.10	18.90	2.14	19.97	2.19
		110	14.24	2.01	15.32	2.09	16.39	2.16	17.16	2.19	18.53	2.23	19.60	2.27
		115	13.87	2.09	14.94	2.16	16.01	2.24	16.79	2.27	18.15	2.31	19.22	2.36
		118	13.65	2.13	14.72	2.21	15.79	2.29	16.56	2.32	17.93	2.36	19.00	2.41
		122	13.57	2.19	14.64	2.27	15.71	2.36	16.49	2.39	17.85	2.43	18.92	2.48
	9 + 12	14	20.59	1.35	21.86	1.40	23.14	1.45	24.07	1.47	25.70	1.49	26.98	1.52
		20	20.57	1.37	21.85	1.42	23.13	1.47	24.05	1.49	25.68	1.51	26.96	1.54
		25	20.55	1.39	21.83	1.44	23.11	1.49	24.03	1.51	25.66	1.54	26.94	1.57
		30	20.54	1.41	21.81	1.46	23.09	1.51	24.01	1.53	25.64	1.56	26.92	1.59
		35	20.52	1.43	21.80	1.48	23.07	1.53	23.99	1.55	25.62	1.58	26.90	1.61
		40	20.51	1.45	21.78	1.50	23.05	1.55	23.97	1.57	25.60	1.60	26.88	1.63
		45	20.49	1.46	21.76	1.52	23.04	1.57	23.96	1.59	25.58	1.62	26.86	1.65
		50	20.48	1.48	21.75	1.54	23.02	1.59	23.94	1.61	25.56	1.64	26.83	1.68
		55	20.46	1.50	21.73	1.56	23.00	1.62	23.92	1.63	25.54	1.66	26.81	1.70
		60	20.44	1.52	21.71	1.58	22.98	1.64	23.90	1.66	25.52	1.69	26.79	1.72
		65	20.43	1.54	21.70	1.60	22.97	1.66	23.88	1.68	25.50	1.71	26.77	1.74
		70	20.41	1.56	21.68	1.62	22.95	1.68	23.86	1.70	25.48	1.73	26.75	1.76
		75	19.92	1.65	21.19	1.71	22.45	1.77	23.36	1.79	24.98	1.82	26.25	1.86
		80	19.43	1.73	20.69	1.79	21.95	1.86	22.87	1.88	24.48	1.92	25.74	1.95
		85	18.94	1.81	20.20	1.88	21.46	1.95	22.37	1.97	23.98	2.01	25.24	2.05
		90	18.46	1.90	19.71	1.97	20.97	2.04	21.87	2.06	23.48	2.10	24.73	2.14
		95	17.93	1.98	19.18	2.06	20.43	2.13	**21.00**	**2.16**	22.93	2.20	24.17	2.24
		100	17.49	2.07	18.74	2.14	19.99	2.22	20.73	2.25	22.49	2.29	23.74	2.33
		105	17.06	2.15	18.30	2.23	19.55	2.31	20.46	2.34	22.05	2.38	23.30	2.43
		110	16.62	2.24	17.87	2.32	19.12	2.40	20.02	2.43	21.62	2.48	22.86	2.52
		115	16.18	2.32	17.43	2.40	18.68	2.49	19.58	2.52	21.18	2.57	22.43	2.62
		118	15.92	2.37	17.17	2.46	18.42	2.55	19.32	2.58	20.92	2.62	22.17	2.68
		122	15.83	2.44	17.08	2.53	18.33	2.62	19.23	2.65	20.83	2.70	22.08	2.75

TC = Total Capacity (kBtu/h).

PI = Power Input (kW).

Nominal capacity as rated: 0 ft. above sea level with 25 ft. of refrigerant piping.
0 ft. level difference between outdoor and indoor units.

Nominal cooling capacity rating obtained with air entering the indoor unit at 80°F dry bulb (DB) and 67°F wet bulb (WB), and outdoor ambient conditions of 95°F dry bulb (DB) and 75°F wet bulb (WB).

The shaded table rows indicate reference data. When operating at this temperature, these values can be different if the system is not running consistently.

Due to our policy of continuous product innovation, some specifications may change without notification.
©LG Electronics U.S.A., Inc., Englewood Cliffs, NJ. All rights reserved. "LG" is a registered trademark of LG Corp.

Table 64: LMU369HV Cooling Capacity Table — Mixed Indoor Units (continued).

Connected Indoor Units	Combination Capacity Index	Outdoor Air Temp. (°F DB)	Indoor Air Temp. °F DB / °F WB											
			68 / 57		73 / 61		77 / 64		80 / 67		86 / 72		90 / 75	
			TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
Two (2) Mixed Indoor Units	12 + 12	14	23.53	1.48	24.99	1.54	26.45	1.59	27.50	1.61	29.37	1.64	30.83	1.67
		20	23.51	1.50	24.97	1.56	26.43	1.62	27.48	1.63	29.35	1.67	30.81	1.70
		25	23.49	1.53	24.95	1.58	26.41	1.64	27.46	1.66	29.33	1.69	30.79	1.72
		30	23.47	1.55	24.93	1.60	26.39	1.66	27.44	1.68	29.30	1.71	30.76	1.75
		35	23.46	1.57	24.91	1.63	26.37	1.68	27.42	1.70	29.28	1.74	30.74	1.77
		40	23.44	1.59	24.89	1.65	26.35	1.71	27.40	1.73	29.26	1.76	30.72	1.80
		45	23.42	1.61	24.87	1.67	26.33	1.73	27.38	1.75	29.24	1.78	30.69	1.82
		50	23.40	1.63	24.85	1.69	26.31	1.75	27.36	1.77	29.21	1.81	30.67	1.84
		55	23.38	1.65	24.84	1.71	26.29	1.78	27.34	1.80	29.19	1.83	30.64	1.87
		60	23.37	1.67	24.82	1.74	26.27	1.80	27.32	1.82	29.17	1.85	30.62	1.89
		65	23.35	1.70	24.80	1.76	26.25	1.82	27.29	1.84	29.15	1.88	30.60	1.92
		70	23.33	1.72	24.78	1.78	26.23	1.85	27.27	1.87	29.13	1.90	30.57	1.94
		75	22.77	1.81	24.21	1.88	25.66	1.94	26.70	1.97	28.55	2.00	29.99	2.04
		80	22.21	1.90	23.65	1.97	25.09	2.04	26.13	2.07	27.97	2.11	29.42	2.15
		85	21.65	2.00	23.09	2.07	24.53	2.14	25.57	2.17	27.40	2.21	28.84	2.25
		90	21.09	2.09	22.53	2.16	23.96	2.24	25.00	2.27	26.83	2.31	28.27	2.36
		95	20.49	2.18	21.92	2.26	23.35	2.34	**24.00**	**2.37**	26.20	2.41	27.63	2.46
		100	19.99	2.27	21.42	2.36	22.85	2.44	23.69	2.47	25.70	2.52	27.13	2.57
		105	19.49	2.37	20.92	2.45	22.35	2.54	23.38	2.57	25.20	2.62	26.63	2.67
		110	18.99	2.46	20.42	2.55	21.85	2.64	22.88	2.67	24.70	2.72	26.13	2.78
		115	18.49	2.55	19.92	2.64	21.35	2.74	22.38	2.77	24.20	2.82	25.63	2.88
		118	18.19	2.61	19.62	2.70	21.05	2.80	22.08	2.83	23.90	2.89	25.33	2.94
		122	18.10	2.68	19.52	2.78	20.95	2.88	21.98	2.91	23.81	2.97	25.23	3.03
	9 + 18	14	26.47	1.55	28.11	1.61	29.76	1.66	30.94	1.68	33.04	1.71	34.69	1.75
		20	26.45	1.57	28.09	1.63	29.73	1.69	30.92	1.71	33.02	1.74	34.66	1.77
		25	26.43	1.59	28.07	1.65	29.71	1.71	30.90	1.73	32.99	1.76	34.63	1.80
		30	26.41	1.62	28.05	1.67	29.69	1.74	30.87	1.76	32.97	1.79	34.61	1.82
		35	26.39	1.64	28.03	1.70	29.66	1.76	30.85	1.78	32.94	1.81	34.58	1.85
		40	26.37	1.66	28.00	1.72	29.64	1.78	30.82	1.80	32.92	1.84	34.55	1.87
		45	26.35	1.68	27.98	1.74	29.62	1.81	30.80	1.83	32.89	1.86	34.53	1.90
		50	26.33	1.70	27.96	1.77	29.60	1.83	30.78	1.85	32.87	1.89	34.50	1.93
		55	26.31	1.73	27.94	1.79	29.57	1.86	30.75	1.88	32.84	1.91	34.48	1.95
		60	26.29	1.75	27.92	1.81	29.55	1.88	30.73	1.90	32.82	1.94	34.45	1.98
		65	26.27	1.77	27.90	1.84	29.53	1.90	30.71	1.93	32.79	1.96	34.42	2.00
		70	26.25	1.79	27.88	1.86	29.51	1.93	30.68	1.95	32.77	1.99	34.40	2.03
		75	25.61	1.89	27.24	1.96	28.87	2.03	30.04	2.05	32.12	2.09	33.74	2.13
		80	24.98	1.99	26.60	2.06	28.23	2.13	29.40	2.16	31.47	2.20	33.09	2.24
		85	24.36	2.08	25.97	2.16	27.59	2.24	28.76	2.26	30.83	2.31	32.45	2.35
		90	23.73	2.18	25.34	2.26	26.96	2.34	28.12	2.37	30.19	2.41	31.80	2.46
		95	23.05	2.28	24.66	2.36	26.26	2.45	**27.00**	**2.48**	29.48	2.52	31.08	2.57
		100	22.49	2.37	24.10	2.46	25.70	2.55	26.65	2.58	28.91	2.63	30.52	2.68
		105	21.93	2.47	23.53	2.56	25.14	2.65	26.30	2.69	28.35	2.74	29.96	2.79
		110	21.37	2.57	22.97	2.66	24.58	2.76	25.74	2.79	27.79	2.84	29.40	2.90
		115	20.81	2.66	22.41	2.76	24.02	2.86	25.18	2.90	27.23	2.95	28.84	3.01
		118	20.47	2.72	22.08	2.82	23.68	2.93	24.84	2.96	26.89	3.01	28.50	3.07
		122	20.36	2.80	21.96	2.90	23.57	3.01	24.73	3.04	26.78	3.10	28.39	3.16

TC = Total Capacity (kBtu/h).

PI = Power Input (kW).

Nominal capacity as rated: 0 ft. above sea level with 25 ft. of refrigerant piping.
0 ft. level difference between outdoor and indoor units.

Nominal cooling capacity rating obtained with air entering the indoor unit at 80ºF dry bulb (DB) and 67ºF wet bulb (WB), and outdoor ambient conditions of 95ºF dry bulb (DB) and 75ºF wet bulb (WB).

The shaded table rows indicate reference data. When operating at this temperature, these values can be different if the system is not running consistently.

Due to our policy of continuous product innovation, some specifications may change without notification.
©LG Electronics U.S.A., Inc., Englewood Cliffs, NJ. All rights reserved. "LG" is a registered trademark of LG Corp.

PERFORMANCE DATA

Cooling Capacity Tables

Table 65: LMU369HV Cooling Capacity Table — Mixed Indoor Units (continued).

Connected Indoor Units	Combination Capacity Index	Outdoor Air Temp. (°F DB)	Indoor Air Temp. °F DB / °F WB											
			68 / 57		73 / 61		77 / 64		80 / 67		86 / 72		90 / 75	
			TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
Two (2) Mixed Indoor Units	12 + 18	14	29.41	1.66	31.24	1.72	33.06	1.79	34.38	1.81	36.71	1.84	38.54	1.88
		20	29.39	1.69	31.21	1.75	33.04	1.81	34.35	1.83	36.69	1.87	38.51	1.90
		25	29.36	1.71	31.19	1.77	33.01	1.84	34.33	1.86	36.66	1.89	38.48	1.93
		30	29.34	1.73	31.16	1.80	32.99	1.86	34.30	1.88	36.63	1.92	38.45	1.96
		35	29.32	1.76	31.14	1.82	32.96	1.89	34.28	1.91	36.60	1.95	38.42	1.98
		40	29.30	1.78	31.12	1.85	32.94	1.91	34.25	1.94	36.57	1.97	38.39	2.01
		45	29.27	1.80	31.09	1.87	32.91	1.94	34.22	1.96	36.55	2.00	38.36	2.04
		50	29.25	1.83	31.07	1.90	32.89	1.96	34.20	1.99	36.52	2.02	38.34	2.07
		55	29.23	1.85	31.04	1.92	32.86	1.99	34.17	2.01	36.49	2.05	38.31	2.09
		60	29.21	1.88	31.02	1.94	32.83	2.02	34.14	2.04	36.46	2.08	38.28	2.12
		65	29.18	1.90	31.00	1.97	32.81	2.04	34.12	2.07	36.43	2.10	38.25	2.15
		70	29.16	1.92	30.97	1.99	32.78	2.07	34.09	2.09	36.41	2.13	38.22	2.17
		75	28.46	2.03	30.27	2.10	32.07	2.18	33.38	2.20	35.69	2.25	37.49	2.29
		80	27.76	2.13	29.56	2.21	31.36	2.29	32.66	2.32	34.97	2.36	36.77	2.41
		85	27.06	2.24	28.86	2.32	30.66	2.40	31.96	2.43	34.25	2.47	36.05	2.52
		90	26.37	2.34	28.16	2.42	29.95	2.51	31.25	2.54	33.54	2.59	35.33	2.64
		95	25.61	2.44	27.40	2.53	29.18	2.62	**30.00**	**2.66**	32.75	2.70	34.53	2.76
		100	24.99	2.55	26.77	2.64	28.56	2.74	29.61	2.77	32.13	2.82	33.91	2.88
		105	24.37	2.65	26.15	2.75	27.93	2.85	29.22	2.88	31.50	2.93	33.29	2.99
		110	23.74	2.75	25.53	2.86	27.31	2.96	28.60	2.99	30.88	3.05	32.66	3.11
		115	23.12	2.86	24.90	2.96	26.69	3.07	27.98	3.11	30.26	3.16	32.04	3.23
		118	22.74	2.92	24.53	3.03	26.31	3.14	27.60	3.17	29.88	3.23	31.67	3.30
		122	22.62	3.00	24.40	3.11	26.19	3.23	27.48	3.26	29.76	3.33	31.54	3.39
	18 + 18	14	32.35	1.84	34.36	1.91	36.37	1.98	37.82	2.00	40.39	2.04	42.40	2.08
		20	32.33	1.87	34.33	1.93	36.34	2.01	37.79	2.03	40.36	2.07	42.36	2.11
		25	32.30	1.89	34.31	1.96	36.31	2.03	37.76	2.06	40.32	2.10	42.33	2.14
		30	32.28	1.92	34.28	1.99	36.28	2.06	37.73	2.09	40.29	2.12	42.30	2.17
		35	32.25	1.95	34.25	2.02	36.26	2.09	37.70	2.11	40.26	2.15	42.27	2.20
		40	32.23	1.97	34.23	2.04	36.23	2.12	37.67	2.14	40.23	2.18	42.23	2.23
		45	32.20	2.00	34.20	2.07	36.20	2.15	37.65	2.17	40.20	2.21	42.20	2.26
		50	32.18	2.02	34.18	2.10	36.17	2.18	37.62	2.20	40.17	2.24	42.17	2.29
		55	32.15	2.05	34.15	2.13	36.15	2.20	37.59	2.23	40.14	2.27	42.14	2.32
		60	32.13	2.08	34.12	2.15	36.12	2.23	37.56	2.26	40.11	2.30	42.10	2.35
		65	32.10	2.10	34.10	2.18	36.09	2.26	37.53	2.29	40.08	2.33	42.07	2.38
		70	32.08	2.13	34.07	2.21	36.06	2.29	37.50	2.32	40.05	2.36	42.04	2.41
		75	31.31	2.25	33.29	2.33	35.28	2.41	36.72	2.44	39.26	2.49	41.24	2.54
		80	30.53	2.36	32.52	2.45	34.50	2.54	35.93	2.57	38.46	2.61	40.45	2.67
		85	29.77	2.48	31.75	2.57	33.72	2.66	35.15	2.69	37.68	2.74	39.66	2.80
		90	29.00	2.59	30.98	2.68	32.95	2.78	34.37	2.82	36.89	2.87	38.87	2.93
		95	28.17	2.71	30.14	2.80	32.10	2.91	**33.00**	**2.94**	36.03	3.00	37.99	3.06
		100	27.49	2.82	29.45	2.92	31.41	3.03	32.57	3.06	35.34	3.12	37.30	3.19
		105	26.80	2.94	28.76	3.04	30.73	3.15	32.14	3.19	34.65	3.25	36.62	3.31
		110	26.12	3.05	28.08	3.16	30.04	3.28	31.46	3.31	33.97	3.38	35.93	3.44
		115	25.43	3.17	27.39	3.28	29.36	3.40	30.77	3.44	33.28	3.50	35.24	3.57
		118	25.02	3.23	26.98	3.35	28.94	3.47	30.36	3.51	32.87	3.58	34.83	3.65
		122	24.88	3.33	26.84	3.45	28.81	3.57	30.22	3.61	32.73	3.68	34.69	3.76

TC = Total Capacity (kBtu/h).

PI = Power Input (kW).

Nominal capacity as rated: 0 ft. above sea level with 25 ft. of refrigerant piping.
0 ft. level difference between outdoor and indoor units.

Nominal cooling capacity rating obtained with air entering the indoor unit at 80°F dry bulb (DB) and 67°F wet bulb (WB), and outdoor ambient conditions of 95°F dry bulb (DB) and 75°F wet bulb (WB).

The shaded table rows indicate reference data. When operating at this temperature, these values can be different if the system is not running consistently.

Due to our policy of continuous product innovation, some specifications may change without notification.
©LG Electronics U.S.A., Inc., Englewood Cliffs, NJ. All rights reserved. "LG" is a registered trademark of LG Corp.

Table 66: LMU369HV Cooling Capacity Table — Mixed Indoor Units (continued).

Connected Indoor Units	Combination Capacity Index	Outdoor Air Temp. (°F DB)	Indoor Air Temp. °F DB / °F WB											
			68 / 57		73 / 61		77 / 64		80 / 67		86 / 72		90 / 75	
			TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
Two (2) Mixed Indoor Units	24 + 9	14	32.35	1.84	34.36	1.91	36.37	1.98	37.82	2.00	40.39	2.04	42.40	2.08
		20	32.33	1.87	34.33	1.93	36.34	2.01	37.79	2.03	40.36	2.07	42.36	2.11
		25	32.30	1.89	34.31	1.96	36.31	2.03	37.76	2.06	40.32	2.10	42.33	2.14
		30	32.28	1.92	34.28	1.99	36.28	2.06	37.73	2.09	40.29	2.12	42.30	2.17
		35	32.25	1.95	34.25	2.02	36.26	2.09	37.70	2.11	40.26	2.15	42.27	2.20
		40	32.23	1.97	34.23	2.04	36.23	2.12	37.67	2.14	40.23	2.18	42.23	2.23
		45	32.20	2.00	34.20	2.07	36.20	2.15	37.65	2.17	40.20	2.21	42.20	2.26
		50	32.18	2.02	34.18	2.10	36.17	2.18	37.62	2.20	40.17	2.24	42.17	2.29
		55	32.15	2.05	34.15	2.13	36.15	2.20	37.59	2.23	40.14	2.27	42.14	2.32
		60	32.13	2.08	34.12	2.15	36.12	2.23	37.56	2.26	40.11	2.30	42.10	2.35
		65	32.10	2.10	34.10	2.18	36.09	2.26	37.53	2.29	40.08	2.33	42.07	2.38
		70	32.08	2.13	34.07	2.21	36.06	2.29	37.50	2.32	40.05	2.36	42.04	2.41
		75	31.31	2.25	33.29	2.33	35.28	2.41	36.72	2.44	39.26	2.49	41.24	2.54
		80	30.53	2.36	32.52	2.45	34.50	2.54	35.93	2.57	38.46	2.61	40.45	2.67
		85	29.77	2.48	31.75	2.57	33.72	2.66	35.15	2.69	37.68	2.74	39.66	2.80
		90	29.00	2.59	30.98	2.68	32.95	2.78	34.37	2.82	36.89	2.87	38.87	2.93
		95	28.17	2.71	30.14	2.80	32.10	2.91	**33.00**	**2.94**	36.03	3.00	37.99	3.06
		100	27.49	2.82	29.45	2.92	31.41	3.03	32.57	3.06	35.34	3.12	37.30	3.19
		105	26.80	2.94	28.76	3.04	30.73	3.15	32.14	3.19	34.65	3.25	36.62	3.31
		110	26.12	3.05	28.08	3.16	30.04	3.28	31.46	3.31	33.97	3.38	35.93	3.44
		115	25.43	3.17	27.39	3.28	29.36	3.40	30.77	3.44	33.28	3.50	35.24	3.57
		118	25.02	3.23	26.98	3.35	28.94	3.47	30.36	3.51	32.87	3.58	34.83	3.65
		122	24.88	3.33	26.84	3.45	28.81	3.57	30.22	3.61	32.73	3.68	34.69	3.76
	24 + 12	14	32.35	1.84	34.36	1.91	36.37	1.98	37.82	2.00	40.39	2.04	42.40	2.08
		20	32.33	1.87	34.33	1.93	36.34	2.01	37.79	2.03	40.36	2.07	42.36	2.11
		25	32.30	1.89	34.31	1.96	36.31	2.03	37.76	2.06	40.32	2.10	42.33	2.14
		30	32.28	1.92	34.28	1.99	36.28	2.06	37.73	2.09	40.29	2.12	42.30	2.17
		35	32.25	1.95	34.25	2.02	36.26	2.09	37.70	2.11	40.26	2.15	42.27	2.20
		40	32.23	1.97	34.23	2.04	36.23	2.12	37.67	2.14	40.23	2.18	42.23	2.23
		45	32.20	2.00	34.20	2.07	36.20	2.15	37.65	2.17	40.20	2.21	42.20	2.26
		50	32.18	2.02	34.18	2.10	36.17	2.18	37.62	2.20	40.17	2.24	42.17	2.29
		55	32.15	2.05	34.15	2.13	36.15	2.20	37.59	2.23	40.14	2.27	42.14	2.32
		60	32.13	2.08	34.12	2.15	36.12	2.23	37.56	2.26	40.11	2.30	42.10	2.35
		65	32.10	2.10	34.10	2.18	36.09	2.26	37.53	2.29	40.08	2.33	42.07	2.38
		70	32.08	2.13	34.07	2.21	36.06	2.29	37.50	2.32	40.05	2.36	42.04	2.41
		75	31.31	2.25	33.29	2.33	35.28	2.41	36.72	2.44	39.26	2.49	41.24	2.54
		80	30.53	2.36	32.52	2.45	34.50	2.54	35.93	2.57	38.46	2.61	40.45	2.67
		85	29.77	2.48	31.75	2.57	33.72	2.66	35.15	2.69	37.68	2.74	39.66	2.80
		90	29.00	2.59	30.98	2.68	32.95	2.78	34.37	2.82	36.89	2.87	38.87	2.93
		95	28.17	2.71	30.14	2.80	32.10	2.91	**33.00**	**2.94**	36.03	3.00	37.99	3.06
		100	27.49	2.82	29.45	2.92	31.41	3.03	32.57	3.06	35.34	3.12	37.30	3.19
		105	26.80	2.94	28.76	3.04	30.73	3.15	32.14	3.19	34.65	3.25	36.62	3.31
		110	26.12	3.05	28.08	3.16	30.04	3.28	31.46	3.31	33.97	3.38	35.93	3.44
		115	25.43	3.17	27.39	3.28	29.36	3.40	30.77	3.44	33.28	3.50	35.24	3.57
		118	25.02	3.23	26.98	3.35	28.94	3.47	30.36	3.51	32.87	3.58	34.83	3.65
		122	24.88	3.33	26.84	3.45	28.81	3.57	30.22	3.61	32.73	3.68	34.69	3.76

TC = Total Capacity (kBtu/h).

PI = Power Input (kW).

Nominal capacity as rated: 0 ft. above sea level with 25 ft. of refrigerant piping.
0 ft. level difference between outdoor and indoor units.

Nominal cooling capacity rating obtained with air entering the indoor unit at 80°F dry bulb (DB) and 67°F wet bulb (WB), and outdoor ambient conditions of 95°F dry bulb (DB) and 75°F wet bulb (WB).

The shaded table rows indicate reference data. When operating at this temperature, these values can be different if the system is not running consistently.

Due to our policy of continuous product innovation, some specifications may change without notification.
©LG Electronics U.S.A., Inc., Englewood Cliffs, NJ. All rights reserved. "LG" is a registered trademark of LG Corp.

PERFORMANCE DATA

Cooling Capacity Tables

Table 67: LMU369HV Cooling Capacity Table — Mixed Indoor Units (continued).

Connected Indoor Units	Combination Capacity Index	Outdoor Air Temp. (°F DB)	Indoor Air Temp. °F DB / °F WB											
			68 / 57		73 / 61		77 / 64		80 / 67		86 / 72		90 / 75	
			TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
Three (3) Mixed Indoor Units	9 + 9 + 9	14	26.47	1.55	28.11	1.61	29.76	1.66	30.94	1.68	33.04	1.71	34.69	1.75
		20	26.45	1.57	28.09	1.63	29.73	1.69	30.92	1.71	33.02	1.74	34.66	1.77
		25	26.43	1.59	28.07	1.65	29.71	1.71	30.90	1.73	32.99	1.76	34.63	1.80
		30	26.41	1.62	28.05	1.67	29.69	1.74	30.87	1.76	32.97	1.79	34.61	1.82
		35	26.39	1.64	28.03	1.70	29.66	1.76	30.85	1.78	32.94	1.81	34.58	1.85
		40	26.37	1.66	28.00	1.72	29.64	1.78	30.82	1.80	32.92	1.84	34.55	1.87
		45	26.35	1.68	27.98	1.74	29.62	1.81	30.80	1.83	32.89	1.86	34.53	1.90
		50	26.33	1.70	27.96	1.77	29.60	1.83	30.78	1.85	32.87	1.89	34.50	1.93
		55	26.31	1.73	27.94	1.79	29.57	1.86	30.75	1.88	32.84	1.91	34.48	1.95
		60	26.29	1.75	27.92	1.81	29.55	1.88	30.73	1.90	32.82	1.94	34.45	1.98
		65	26.27	1.77	27.90	1.84	29.53	1.90	30.71	1.93	32.79	1.96	34.42	2.00
		70	26.25	1.79	27.88	1.86	29.51	1.93	30.68	1.95	32.77	1.99	34.40	2.03
		75	25.61	1.89	27.24	1.96	28.87	2.03	30.04	2.05	32.12	2.09	33.74	2.13
		80	24.98	1.99	26.60	2.06	28.23	2.13	29.40	2.16	31.47	2.20	33.09	2.24
		85	24.36	2.08	25.97	2.16	27.59	2.24	28.76	2.26	30.83	2.31	32.45	2.35
		90	23.73	2.18	25.34	2.26	26.96	2.34	28.12	2.37	30.19	2.41	31.80	2.46
		95	23.05	2.28	24.66	2.36	26.26	2.45	**27.00**	**2.48**	29.48	2.52	31.08	2.57
		100	22.49	2.37	24.10	2.46	25.70	2.55	26.65	2.58	28.91	2.63	30.52	2.68
		105	21.93	2.47	23.53	2.56	25.14	2.65	26.30	2.69	28.35	2.74	29.96	2.79
		110	21.37	2.57	22.97	2.66	24.58	2.76	25.74	2.79	27.79	2.84	29.40	2.90
		115	20.81	2.66	22.41	2.76	24.02	2.86	25.18	2.90	27.23	2.95	28.84	3.01
		118	20.47	2.72	22.08	2.82	23.68	2.93	24.84	2.96	26.89	3.01	28.50	3.07
		122	20.36	2.80	21.96	2.90	23.57	3.01	24.73	3.04	26.78	3.10	28.39	3.16
	9 + 9 + 12	14	29.41	1.66	31.24	1.72	33.06	1.79	34.38	1.81	36.71	1.84	38.54	1.88
		20	29.39	1.69	31.21	1.75	33.04	1.81	34.35	1.83	36.69	1.87	38.51	1.90
		25	29.36	1.71	31.19	1.77	33.01	1.84	34.33	1.86	36.66	1.89	38.48	1.93
		30	29.34	1.73	31.16	1.80	32.99	1.86	34.30	1.88	36.63	1.92	38.45	1.96
		35	29.32	1.76	31.14	1.82	32.96	1.89	34.28	1.91	36.60	1.95	38.42	1.98
		40	29.30	1.78	31.12	1.85	32.94	1.91	34.25	1.94	36.57	1.97	38.39	2.01
		45	29.27	1.80	31.09	1.87	32.91	1.94	34.22	1.96	36.55	2.00	38.36	2.04
		50	29.25	1.83	31.07	1.90	32.89	1.96	34.20	1.99	36.52	2.02	38.34	2.07
		55	29.23	1.85	31.04	1.92	32.86	1.99	34.17	2.01	36.49	2.05	38.31	2.09
		60	29.21	1.88	31.02	1.94	32.83	2.02	34.14	2.04	36.46	2.08	38.28	2.12
		65	29.18	1.90	31.00	1.97	32.81	2.04	34.12	2.07	36.43	2.10	38.25	2.15
		70	29.16	1.92	30.97	1.99	32.78	2.07	34.09	2.09	36.41	2.13	38.22	2.17
		75	28.46	2.03	30.27	2.10	32.07	2.18	33.38	2.20	35.69	2.25	37.49	2.29
		80	27.76	2.13	29.56	2.21	31.36	2.29	32.66	2.32	34.97	2.36	36.77	2.41
		85	27.06	2.24	28.86	2.32	30.66	2.40	31.96	2.43	34.25	2.47	36.05	2.52
		90	26.37	2.34	28.16	2.42	29.95	2.51	31.25	2.54	33.54	2.59	35.33	2.64
		95	25.61	2.44	27.40	2.53	29.18	2.62	**30.00**	**2.66**	32.75	2.70	34.53	2.76
		100	24.99	2.55	26.77	2.64	28.56	2.74	29.61	2.77	32.13	2.82	33.91	2.88
		105	24.37	2.65	26.15	2.75	27.93	2.85	29.22	2.88	31.50	2.93	33.29	2.99
		110	23.74	2.75	25.53	2.86	27.31	2.96	28.60	2.99	30.88	3.05	32.66	3.11
		115	23.12	2.86	24.90	2.96	26.69	3.07	27.98	3.11	30.26	3.16	32.04	3.23
		118	22.74	2.92	24.53	3.03	26.31	3.14	27.60	3.17	29.88	3.23	31.67	3.30
		122	22.62	3.00	24.40	3.11	26.19	3.23	27.48	3.26	29.76	3.33	31.54	3.39

TC = Total Capacity (kBtu/h).

PI = Power Input (kW).

Nominal capacity as rated: 0 ft. above sea level with 25 ft. of refrigerant piping.
0 ft. level difference between outdoor and indoor units.

Nominal cooling capacity rating obtained with air entering the indoor unit at 80ºF dry bulb (DB) and 67ºF wet bulb (WB), and outdoor ambient conditions of 95ºF dry bulb (DB) and 75ºF wet bulb (WB).

The shaded table rows indicate reference data. When operating at this temperature, these values can be different if the system is not running consistently.

Due to our policy of continuous product innovation, some specifications may change without notification.
©LG Electronics U.S.A., Inc., Englewood Cliffs, NJ. All rights reserved. "LG" is a registered trademark of LG Corp.

Table 68: LMU369HV Cooling Capacity Table — Mixed Indoor Units (continued).

Connected Indoor Units	Combination Capacity Index	Outdoor Air Temp. (°F DB)	Indoor Air Temp. °F DB / °F WB											
			68 / 57		73 / 61		77 / 64		80 / 67		86 / 72		90 / 75	
			TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
Three (3) Mixed Indoor Units	9 + 12 + 12	14	32.35	1.75	34.36	1.82	36.37	1.88	37.82	1.90	40.39	1.94	42.40	1.98
		20	32.33	1.78	34.33	1.84	36.34	1.91	37.79	1.93	40.36	1.97	42.36	2.01
		25	32.30	1.80	34.31	1.87	36.31	1.94	37.76	1.96	40.32	2.00	42.33	2.04
		30	32.28	1.83	34.28	1.89	36.28	1.96	37.73	1.99	40.29	2.02	42.30	2.06
		35	32.25	1.85	34.25	1.92	36.26	1.99	37.70	2.01	40.26	2.05	42.27	2.09
		40	32.23	1.88	34.23	1.95	36.23	2.02	37.67	2.04	40.23	2.08	42.23	2.12
		45	32.20	1.90	34.20	1.97	36.20	2.04	37.65	2.07	40.20	2.11	42.20	2.15
		50	32.18	1.93	34.18	2.00	36.17	2.07	37.62	2.10	40.17	2.13	42.17	2.18
		55	32.15	1.95	34.15	2.02	36.15	2.10	37.59	2.12	40.14	2.16	42.14	2.21
		60	32.13	1.98	34.12	2.05	36.12	2.13	37.56	2.15	40.11	2.19	42.10	2.23
		65	32.10	2.00	34.10	2.08	36.09	2.15	37.53	2.18	40.08	2.22	42.07	2.26
		70	32.08	2.03	34.07	2.10	36.06	2.18	37.50	2.21	40.05	2.25	42.04	2.29
		75	31.31	2.14	33.29	2.22	35.28	2.30	36.72	2.32	39.26	2.37	41.24	2.42
		80	30.53	2.25	32.52	2.33	34.50	2.42	35.93	2.44	38.46	2.49	40.45	2.54
		85	29.77	2.36	31.75	2.44	33.72	2.53	35.15	2.56	37.68	2.61	39.66	2.66
		90	29.00	2.47	30.98	2.56	32.95	2.65	34.37	2.68	36.89	2.73	38.87	2.79
		95	28.17	2.58	30.14	2.67	32.10	2.77	**33.00**	**2.80**	36.03	2.85	37.99	2.91
		100	27.49	2.69	29.45	2.78	31.41	2.89	32.57	2.92	35.34	2.97	37.30	3.03
		105	26.80	2.80	28.76	2.90	30.73	3.00	32.14	3.04	34.65	3.09	36.62	3.16
		110	26.12	2.90	28.08	3.01	30.04	3.12	31.46	3.16	33.97	3.22	35.93	3.28
		115	25.43	3.01	27.39	3.12	29.36	3.24	30.77	3.28	33.28	3.34	35.24	3.40
		118	25.02	3.08	26.98	3.19	28.94	3.31	30.36	3.35	32.87	3.41	34.83	3.48
		122	24.88	3.17	26.84	3.28	28.81	3.40	30.22	3.44	32.73	3.51	34.69	3.58
	12 + 12 + 12	14	33.33	1.74	35.40	1.80	37.47	1.87	38.96	1.89	41.61	1.93	43.68	1.96
		20	33.30	1.76	35.37	1.83	37.44	1.90	38.94	1.92	41.58	1.95	43.65	1.99
		25	33.28	1.79	35.35	1.86	37.41	1.92	38.91	1.94	41.55	1.98	43.61	2.02
		30	33.25	1.81	35.32	1.88	37.38	1.95	38.88	1.97	41.51	2.01	43.58	2.05
		35	33.23	1.84	35.29	1.91	37.36	1.98	38.85	2.00	41.48	2.04	43.55	2.08
		40	33.20	1.86	35.27	1.93	37.33	2.00	38.82	2.03	41.45	2.06	43.51	2.11
		45	33.18	1.89	35.24	1.96	37.30	2.03	38.79	2.05	41.42	2.09	43.48	2.13
		50	33.15	1.91	35.21	1.98	37.27	2.06	38.76	2.08	41.39	2.12	43.45	2.16
		55	33.13	1.94	35.18	2.01	37.24	2.08	38.73	2.11	41.36	2.15	43.41	2.19
		60	33.10	1.96	35.16	2.04	37.21	2.11	38.70	2.14	41.32	2.18	43.38	2.22
		65	33.08	1.99	35.13	2.06	37.18	2.14	38.67	2.16	41.29	2.20	43.35	2.25
		70	33.05	2.01	35.10	2.09	37.16	2.16	38.64	2.19	41.26	2.23	43.31	2.28
		75	32.26	2.12	34.30	2.20	36.35	2.28	37.83	2.31	40.45	2.35	42.49	2.40
		80	31.46	2.23	33.50	2.31	35.54	2.40	37.02	2.43	39.63	2.47	41.67	2.52
		85	30.67	2.34	32.71	2.43	34.75	2.51	36.22	2.54	38.82	2.59	40.86	2.64
		90	29.88	2.45	31.92	2.54	33.95	2.63	35.42	2.66	38.01	2.71	40.05	2.77
		95	29.03	2.56	31.05	2.65	33.07	2.75	**34.00**	**2.78**	37.12	2.83	39.14	2.89
		100	28.32	2.67	30.34	2.76	32.37	2.87	33.56	2.90	36.41	2.95	38.43	3.01
		105	27.61	2.78	29.64	2.88	31.66	2.98	33.12	3.02	35.70	3.07	37.73	3.13
		110	26.91	2.88	28.93	2.99	30.95	3.10	32.41	3.13	35.00	3.19	37.02	3.26
		115	26.20	2.99	28.22	3.10	30.24	3.22	31.71	3.25	34.29	3.31	36.31	3.38
		118	25.78	3.06	27.80	3.17	29.82	3.29	31.28	3.32	33.87	3.39	35.89	3.45
		122	25.63	3.15	27.66	3.26	29.68	3.38	31.14	3.42	33.72	3.48	35.75	3.55

TC = Total Capacity (kBtu/h).

PI = Power Input (kW).

Nominal capacity as rated: 0 ft. above sea level with 25 ft. of refrigerant piping.
0 ft. level difference between outdoor and indoor units.

Nominal cooling capacity rating obtained with air entering the indoor unit at 80ºF dry bulb (DB) and 67ºF wet bulb (WB), and outdoor ambient conditions of 95ºF dry bulb (DB) and 75ºF wet bulb (WB).

The shaded table rows indicate reference data. When operating at this temperature, these values can be different if the system is not running consistently.

Due to our policy of continuous product innovation, some specifications may change without notification.
©LG Electronics U.S.A., Inc., Englewood Cliffs, NJ. All rights reserved. "LG" is a registered trademark of LG Corp.

PERFORMANCE DATA

Cooling Capacity Tables

Table 69: LMU369HV Cooling Capacity Table — Mixed Indoor Units (continued).

Connected Indoor Units	Combination Capacity Index	Outdoor Air Temp. (°F DB)	Indoor Air Temp. °F DB / °F WB											
			68 / 57		73 / 61		77 / 64		80 / 67		86 / 72		90 / 75	
			TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
Three (3) Mixed Indoor Units	9 + 9 + 18	14	33.33	1.74	35.40	1.80	37.47	1.87	38.96	1.89	41.61	1.93	43.68	1.96
		20	33.30	1.76	35.37	1.83	37.44	1.90	38.94	1.92	41.58	1.95	43.65	1.99
		25	33.28	1.79	35.35	1.86	37.41	1.92	38.91	1.94	41.55	1.98	43.61	2.02
		30	33.25	1.81	35.32	1.88	37.38	1.95	38.88	1.97	41.51	2.01	43.58	2.05
		35	33.23	1.84	35.29	1.91	37.36	1.98	38.85	2.00	41.48	2.04	43.55	2.08
		40	33.20	1.86	35.27	1.93	37.33	2.00	38.82	2.03	41.45	2.06	43.51	2.11
		45	33.18	1.89	35.24	1.96	37.30	2.03	38.79	2.05	41.42	2.09	43.48	2.13
		50	33.15	1.91	35.21	1.98	37.27	2.06	38.76	2.08	41.39	2.12	43.45	2.16
		55	33.13	1.94	35.18	2.01	37.24	2.08	38.73	2.11	41.36	2.15	43.41	2.19
		60	33.10	1.96	35.16	2.04	37.21	2.11	38.70	2.14	41.32	2.18	43.38	2.22
		65	33.08	1.99	35.13	2.06	37.18	2.14	38.67	2.16	41.29	2.20	43.35	2.25
		70	33.05	2.01	35.10	2.09	37.16	2.16	38.64	2.19	41.26	2.23	43.31	2.28
		75	32.26	2.12	34.30	2.20	36.35	2.28	37.83	2.31	40.45	2.35	42.49	2.40
		80	31.46	2.23	33.50	2.31	35.54	2.40	37.02	2.43	39.63	2.47	41.67	2.52
		85	30.67	2.34	32.71	2.43	34.75	2.51	36.22	2.54	38.82	2.59	40.86	2.64
		90	29.88	2.45	31.92	2.54	33.95	2.63	35.42	2.66	38.01	2.71	40.05	2.77
		95	29.03	2.56	31.05	2.65	33.07	2.75	**34.00**	**2.78**	37.12	2.83	39.14	2.89
		100	28.32	2.67	30.34	2.76	32.37	2.87	33.56	2.90	36.41	2.95	38.43	3.01
		105	27.61	2.78	29.64	2.88	31.66	2.98	33.12	3.02	35.70	3.07	37.73	3.13
		110	26.91	2.88	28.93	2.99	30.95	3.10	32.41	3.13	35.00	3.19	37.02	3.26
		115	26.20	2.99	28.22	3.10	30.24	3.22	31.71	3.25	34.29	3.31	36.31	3.38
		118	25.78	3.06	27.80	3.17	29.82	3.29	31.28	3.32	33.87	3.39	35.89	3.45
		122	25.63	3.15	27.66	3.26	29.68	3.38	31.14	3.42	33.72	3.48	35.75	3.55
	9 + 12 + 18	14	33.33	1.74	35.40	1.80	37.47	1.87	38.96	1.89	41.61	1.93	43.68	1.96
		20	33.30	1.76	35.37	1.83	37.44	1.90	38.94	1.92	41.58	1.95	43.65	1.99
		25	33.28	1.79	35.35	1.86	37.41	1.92	38.91	1.94	41.55	1.98	43.61	2.02
		30	33.25	1.81	35.32	1.88	37.38	1.95	38.88	1.97	41.51	2.01	43.58	2.05
		35	33.23	1.84	35.29	1.91	37.36	1.98	38.85	2.00	41.48	2.04	43.55	2.08
		40	33.20	1.86	35.27	1.93	37.33	2.00	38.82	2.03	41.45	2.06	43.51	2.11
		45	33.18	1.89	35.24	1.96	37.30	2.03	38.79	2.05	41.42	2.09	43.48	2.13
		50	33.15	1.91	35.21	1.98	37.27	2.06	38.76	2.08	41.39	2.12	43.45	2.16
		55	33.13	1.94	35.18	2.01	37.24	2.08	38.73	2.11	41.36	2.15	43.41	2.19
		60	33.10	1.96	35.16	2.04	37.21	2.11	38.70	2.14	41.32	2.18	43.38	2.22
		65	33.08	1.99	35.13	2.06	37.18	2.14	38.67	2.16	41.29	2.20	43.35	2.25
		70	33.05	2.01	35.10	2.09	37.16	2.16	38.64	2.19	41.26	2.23	43.31	2.28
		75	32.26	2.12	34.30	2.20	36.35	2.28	37.83	2.31	40.45	2.35	42.49	2.40
		80	31.46	2.23	33.50	2.31	35.54	2.40	37.02	2.43	39.63	2.47	41.67	2.52
		85	30.67	2.34	32.71	2.43	34.75	2.51	36.22	2.54	38.82	2.59	40.86	2.64
		90	29.88	2.45	31.92	2.54	33.95	2.63	35.42	2.66	38.01	2.71	40.05	2.77
		95	29.03	2.56	31.05	2.65	33.07	2.75	**34.00**	**2.78**	37.12	2.83	39.14	2.89
		100	28.32	2.67	30.34	2.76	32.37	2.87	33.56	2.90	36.41	2.95	38.43	3.01
		105	27.61	2.78	29.64	2.88	31.66	2.98	33.12	3.02	35.70	3.07	37.73	3.13
		110	26.91	2.88	28.93	2.99	30.95	3.10	32.41	3.13	35.00	3.19	37.02	3.26
		115	26.20	2.99	28.22	3.10	30.24	3.22	31.71	3.25	34.29	3.31	36.31	3.38
		118	25.78	3.06	27.80	3.17	29.82	3.29	31.28	3.32	33.87	3.39	35.89	3.45
		122	25.63	3.15	27.66	3.26	29.68	3.38	31.14	3.42	33.72	3.48	35.75	3.55

TC = Total Capacity (kBtu/h).

PI = Power Input (kW).

Nominal capacity as rated: 0 ft. above sea level with 25 ft. of refrigerant piping.
0 ft. level difference between outdoor and indoor units.

Nominal cooling capacity rating obtained with air entering the indoor unit at 80ºF dry bulb (DB) and 67ºF wet bulb (WB), and outdoor ambient conditions of 95ºF dry bulb (DB) and 75ºF wet bulb (WB).

The shaded table rows indicate reference data. When operating at this temperature, these values can be different if the system is not running consistently.

Due to our policy of continuous product innovation, some specifications may change without notification.
©LG Electronics U.S.A., Inc., Englewood Cliffs, NJ. All rights reserved. "LG" is a registered trademark of LG Corp.

Table 70: LMU369HV Cooling Capacity Table — Mixed Indoor Units (continued).

Connected Indoor Units	Combination Capacity Index	Outdoor Air Temp. (°F DB)	Indoor Air Temp. °F DB / °F WB											
			68 / 57		73 / 61		77 / 64		80 / 67		86 / 72		90 / 75	
			TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
Three (3) Mixed Indoor Units	12 + 12 + 18	14	33.33	1.74	35.40	1.80	37.47	1.87	38.96	1.89	41.61	1.93	43.68	1.96
		20	33.30	1.76	35.37	1.83	37.44	1.90	38.94	1.92	41.58	1.95	43.65	1.99
		25	33.28	1.79	35.35	1.86	37.41	1.92	38.91	1.94	41.55	1.98	43.61	2.02
		30	33.25	1.81	35.32	1.88	37.38	1.95	38.88	1.97	41.51	2.01	43.58	2.05
		35	33.23	1.84	35.29	1.91	37.36	1.98	38.85	2.00	41.48	2.04	43.55	2.08
		40	33.20	1.86	35.27	1.93	37.33	2.00	38.82	2.03	41.45	2.06	43.51	2.11
		45	33.18	1.89	35.24	1.96	37.30	2.03	38.79	2.05	41.42	2.09	43.48	2.13
		50	33.15	1.91	35.21	1.98	37.27	2.06	38.76	2.08	41.39	2.12	43.45	2.16
		55	33.13	1.94	35.18	2.01	37.24	2.08	38.73	2.11	41.36	2.15	43.41	2.19
		60	33.10	1.96	35.16	2.04	37.21	2.11	38.70	2.14	41.32	2.18	43.38	2.22
		65	33.08	1.99	35.13	2.06	37.18	2.14	38.67	2.16	41.29	2.20	43.35	2.25
		70	33.05	2.01	35.10	2.09	37.16	2.16	38.64	2.19	41.26	2.23	43.31	2.28
		75	32.26	2.12	34.30	2.20	36.35	2.28	37.83	2.31	40.45	2.35	42.49	2.40
		80	31.46	2.23	33.50	2.31	35.54	2.40	37.02	2.43	39.63	2.47	41.67	2.52
		85	30.67	2.34	32.71	2.43	34.75	2.51	36.22	2.54	38.82	2.59	40.86	2.64
		90	29.88	2.45	31.92	2.54	33.95	2.63	35.42	2.66	38.01	2.71	40.05	2.77
		95	29.03	2.56	31.05	2.65	33.07	2.75	**34.00**	**2.78**	37.12	2.83	39.14	2.89
		100	28.32	2.67	30.34	2.76	32.37	2.87	33.56	2.90	36.41	2.95	38.43	3.01
		105	27.61	2.78	29.64	2.88	31.66	2.98	33.12	3.02	35.70	3.07	37.73	3.13
		110	26.91	2.88	28.93	2.99	30.95	3.10	32.41	3.13	35.00	3.19	37.02	3.26
		115	26.20	2.99	28.22	3.10	30.24	3.22	31.71	3.25	34.29	3.31	36.31	3.38
		118	25.78	3.06	27.80	3.17	29.82	3.29	31.28	3.32	33.87	3.39	35.89	3.45
		122	25.63	3.15	27.66	3.26	29.68	3.38	31.14	3.42	33.72	3.48	35.75	3.55
	9 + 18 + 18	14	33.33	1.74	35.40	1.80	37.47	1.87	38.96	1.89	41.61	1.93	43.68	1.96
		20	33.30	1.76	35.37	1.83	37.44	1.90	38.94	1.92	41.58	1.95	43.65	1.99
		25	33.28	1.79	35.35	1.86	37.41	1.92	38.91	1.94	41.55	1.98	43.61	2.02
		30	33.25	1.81	35.32	1.88	37.38	1.95	38.88	1.97	41.51	2.01	43.58	2.05
		35	33.23	1.84	35.29	1.91	37.36	1.98	38.85	2.00	41.48	2.04	43.55	2.08
		40	33.20	1.86	35.27	1.93	37.33	2.00	38.82	2.03	41.45	2.06	43.51	2.11
		45	33.18	1.89	35.24	1.96	37.30	2.03	38.79	2.05	41.42	2.09	43.48	2.13
		50	33.15	1.91	35.21	1.98	37.27	2.06	38.76	2.08	41.39	2.12	43.45	2.16
		55	33.13	1.94	35.18	2.01	37.24	2.08	38.73	2.11	41.36	2.15	43.41	2.19
		60	33.10	1.96	35.16	2.04	37.21	2.11	38.70	2.14	41.32	2.18	43.38	2.22
		65	33.08	1.99	35.13	2.06	37.18	2.14	38.67	2.16	41.29	2.20	43.35	2.25
		70	33.05	2.01	35.10	2.09	37.16	2.16	38.64	2.19	41.26	2.23	43.31	2.28
		75	32.26	2.12	34.30	2.20	36.35	2.28	37.83	2.31	40.45	2.35	42.49	2.40
		80	31.46	2.23	33.50	2.31	35.54	2.40	37.02	2.43	39.63	2.47	41.67	2.52
		85	30.67	2.34	32.71	2.43	34.75	2.51	36.22	2.54	38.82	2.59	40.86	2.64
		90	29.88	2.45	31.92	2.54	33.95	2.63	35.42	2.66	38.01	2.71	40.05	2.77
		95	29.03	2.56	31.05	2.65	33.07	2.75	**34.00**	**2.78**	37.12	2.83	39.14	2.89
		100	28.32	2.67	30.34	2.76	32.37	2.87	33.56	2.90	36.41	2.95	38.43	3.01
		105	27.61	2.78	29.64	2.88	31.66	2.98	33.12	3.02	35.70	3.07	37.73	3.13
		110	26.91	2.88	28.93	2.99	30.95	3.10	32.41	3.13	35.00	3.19	37.02	3.26
		115	26.20	2.99	28.22	3.10	30.24	3.22	31.71	3.25	34.29	3.31	36.31	3.38
		118	25.78	3.06	27.80	3.17	29.82	3.29	31.28	3.32	33.87	3.39	35.89	3.45
		122	25.63	3.15	27.66	3.26	29.68	3.38	31.14	3.42	33.72	3.48	35.75	3.55

TC = Total Capacity (kBtu/h).

PI = Power Input (kW).

Nominal capacity as rated: 0 ft. above sea level with 25 ft. of refrigerant piping.
0 ft. level difference between outdoor and indoor units.

Nominal cooling capacity rating obtained with air entering the indoor unit at 80°F dry bulb (DB) and 67°F wet bulb (WB), and outdoor ambient conditions of 95°F dry bulb (DB) and 75°F wet bulb (WB).

The shaded table columns and rows indicate reference data. When operating at this temperature, these values can be different if the system is not running consistently.

Due to our policy of continuous product innovation, some specifications may change without notification.
©LG Electronics U.S.A., Inc., Englewood Cliffs, NJ. All rights reserved. "LG" is a registered trademark of LG Corp.

PERFORMANCE DATA

Cooling Capacity Tables

Table 71: LMU369HV Cooling Capacity Table — Mixed Indoor Units (continued).

Connected Indoor Units	Combination Capacity Index	Outdoor Air Temp. (°F DB)	Indoor Air Temp. °F DB / °F WB											
			68 / 57		73 / 61		77 / 64		80 / 67		86 / 72		90 / 75	
			TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
Three (3) Mixed Indoor Units	12 + 18 + 18	14	33.33	1.74	35.40	1.80	37.47	1.87	38.96	1.89	41.61	1.93	43.68	1.96
		20	33.30	1.76	35.37	1.83	37.44	1.90	38.94	1.92	41.58	1.95	43.65	1.99
		25	33.28	1.79	35.35	1.86	37.41	1.92	38.91	1.94	41.55	1.98	43.61	2.02
		30	33.25	1.81	35.32	1.88	37.38	1.95	38.88	1.97	41.51	2.01	43.58	2.05
		35	33.23	1.84	35.29	1.91	37.36	1.98	38.85	2.00	41.48	2.04	43.55	2.08
		40	33.20	1.86	35.27	1.93	37.33	2.00	38.82	2.03	41.45	2.06	43.51	2.11
		45	33.18	1.89	35.24	1.96	37.30	2.03	38.79	2.05	41.42	2.09	43.48	2.13
		50	33.15	1.91	35.21	1.98	37.27	2.06	38.76	2.08	41.39	2.12	43.45	2.16
		55	33.13	1.94	35.18	2.01	37.24	2.08	38.73	2.11	41.36	2.15	43.41	2.19
		60	33.10	1.96	35.16	2.04	37.21	2.11	38.70	2.14	41.32	2.18	43.38	2.22
		65	33.08	1.99	35.13	2.06	37.18	2.14	38.67	2.16	41.29	2.20	43.35	2.25
		70	33.05	2.01	35.10	2.09	37.16	2.16	38.64	2.19	41.26	2.23	43.31	2.28
		75	32.26	2.12	34.30	2.20	36.35	2.28	37.83	2.31	40.45	2.35	42.49	2.40
		80	31.46	2.23	33.50	2.31	35.54	2.40	37.02	2.43	39.63	2.47	41.67	2.52
		85	30.67	2.34	32.71	2.43	34.75	2.51	36.22	2.54	38.82	2.59	40.86	2.64
		90	29.88	2.45	31.92	2.54	33.95	2.63	35.42	2.66	38.01	2.71	40.05	2.77
		95	29.03	2.56	31.05	2.65	33.07	2.75	**34.00**	**2.78**	37.12	2.83	39.14	2.89
		100	28.32	2.67	30.34	2.76	32.37	2.87	33.56	2.90	36.41	2.95	38.43	3.01
		105	27.61	2.78	29.64	2.88	31.66	2.98	33.12	3.02	35.70	3.07	37.73	3.13
		110	26.91	2.88	28.93	2.99	30.95	3.10	32.41	3.13	35.00	3.19	37.02	3.26
		115	26.20	2.99	28.22	3.10	30.24	3.22	31.71	3.25	34.29	3.31	36.31	3.38
		118	25.78	3.06	27.80	3.17	29.82	3.29	31.28	3.32	33.87	3.39	35.89	3.45
		122	25.63	3.15	27.66	3.26	29.68	3.38	31.14	3.42	33.72	3.48	35.75	3.55
Four (4) Mixed Indoor Units	9 + 9 + 9 + 9	14	33.33	1.74	35.40	1.80	37.47	1.87	38.96	1.89	41.61	1.93	43.68	1.96
		20	33.30	1.76	35.37	1.83	37.44	1.90	38.94	1.92	41.58	1.95	43.65	1.99
		25	33.28	1.79	35.35	1.86	37.41	1.92	38.91	1.94	41.55	1.98	43.61	2.02
		30	33.25	1.81	35.32	1.88	37.38	1.95	38.88	1.97	41.51	2.01	43.58	2.05
		35	33.23	1.84	35.29	1.91	37.36	1.98	38.85	2.00	41.48	2.04	43.55	2.08
		40	33.20	1.86	35.27	1.93	37.33	2.00	38.82	2.03	41.45	2.06	43.51	2.11
		45	33.18	1.89	35.24	1.96	37.30	2.03	38.79	2.05	41.42	2.09	43.48	2.13
		50	33.15	1.91	35.21	1.98	37.27	2.06	38.76	2.08	41.39	2.12	43.45	2.16
		55	33.13	1.94	35.18	2.01	37.24	2.08	38.73	2.11	41.36	2.15	43.41	2.19
		60	33.10	1.96	35.16	2.04	37.21	2.11	38.70	2.14	41.32	2.18	43.38	2.22
		65	33.08	1.99	35.13	2.06	37.18	2.14	38.67	2.16	41.29	2.20	43.35	2.25
		70	33.05	2.01	35.10	2.09	37.16	2.16	38.64	2.19	41.26	2.23	43.31	2.28
		75	32.26	2.12	34.30	2.20	36.35	2.28	37.83	2.31	40.45	2.35	42.49	2.40
		80	31.46	2.23	33.50	2.31	35.54	2.40	37.02	2.43	39.63	2.47	41.67	2.52
		85	30.67	2.34	32.71	2.43	34.75	2.51	36.22	2.54	38.82	2.59	40.86	2.64
		90	29.88	2.45	31.92	2.54	33.95	2.63	35.42	2.66	38.01	2.71	40.05	2.77
		95	29.03	2.56	31.05	2.65	33.07	2.75	**34.00**	**2.78**	37.12	2.83	39.14	2.89
		100	28.32	2.67	30.34	2.76	32.37	2.87	33.56	2.90	36.41	2.95	38.43	3.01
		105	27.61	2.78	29.64	2.88	31.66	2.98	33.12	3.02	35.70	3.07	37.73	3.13
		110	26.91	2.88	28.93	2.99	30.95	3.10	32.41	3.13	35.00	3.19	37.02	3.26
		115	26.20	2.99	28.22	3.10	30.24	3.22	31.71	3.25	34.29	3.31	36.31	3.38
		118	25.78	3.06	27.80	3.17	29.82	3.29	31.28	3.32	33.87	3.39	35.89	3.45
		122	25.63	3.15	27.66	3.26	29.68	3.38	31.14	3.42	33.72	3.48	35.75	3.55

TC = Total Capacity (kBtu/h).

PI = Power Input (kW).

Nominal capacity as rated: 0 ft. above sea level with 25 ft. of refrigerant piping.
0 ft. level difference between outdoor and indoor units.

Nominal cooling capacity rating obtained with air entering the indoor unit at 80°F dry bulb (DB) and 67°F wet bulb (WB), and outdoor ambient conditions of 95°F dry bulb (DB) and 75°F wet bulb (WB).

The shaded table columns and rows indicate reference data. When operating at this temperature, these values can be different if the system is not running consistently.

Due to our policy of continuous product innovation, some specifications may change without notification.
©LG Electronics U.S.A., Inc., Englewood Cliffs, NJ. All rights reserved. "LG" is a registered trademark of LG Corp.

Table 72: LMU369HV Cooling Capacity Table — Mixed Indoor Units (continued).

Connected Indoor Units	Combination Capacity Index	Outdoor Air Temp. (°F DB)	Indoor Air Temp. °F DB / °F WB											
			68 / 57		73 / 61		77 / 64		80 / 67		86 / 72		90 / 75	
			TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
Four (4) Mixed Indoor Units	9 + 9 + 9 + 12	14	33.33	1.74	35.40	1.80	37.47	1.87	38.96	1.89	41.61	1.93	43.68	1.96
		20	33.30	1.76	35.37	1.83	37.44	1.90	38.94	1.92	41.58	1.95	43.65	1.99
		25	33.28	1.79	35.35	1.86	37.41	1.92	38.91	1.94	41.55	1.98	43.61	2.02
		30	33.25	1.81	35.32	1.88	37.38	1.95	38.88	1.97	41.51	2.01	43.58	2.05
		35	33.23	1.84	35.29	1.91	37.36	1.98	38.85	2.00	41.48	2.04	43.55	2.08
		40	33.20	1.86	35.27	1.93	37.33	2.00	38.82	2.03	41.45	2.06	43.51	2.11
		45	33.18	1.89	35.24	1.96	37.30	2.03	38.79	2.05	41.42	2.09	43.48	2.13
		50	33.15	1.91	35.21	1.98	37.27	2.06	38.76	2.08	41.39	2.12	43.45	2.16
		55	33.13	1.94	35.18	2.01	37.24	2.08	38.73	2.11	41.36	2.15	43.41	2.19
		60	33.10	1.96	35.16	2.04	37.21	2.11	38.70	2.14	41.32	2.18	43.38	2.22
		65	33.08	1.99	35.13	2.06	37.18	2.14	38.67	2.16	41.29	2.20	43.35	2.25
		70	33.05	2.01	35.10	2.09	37.16	2.16	38.64	2.19	41.26	2.23	43.31	2.28
		75	32.26	2.12	34.30	2.20	36.35	2.28	37.83	2.31	40.45	2.35	42.49	2.40
		80	31.46	2.23	33.50	2.31	35.54	2.40	37.02	2.43	39.63	2.47	41.67	2.52
		85	30.67	2.34	32.71	2.43	34.75	2.51	36.22	2.54	38.82	2.59	40.86	2.64
		90	29.88	2.45	31.92	2.54	33.95	2.63	35.42	2.66	38.01	2.71	40.05	2.77
		95	29.03	2.56	31.05	2.65	33.07	2.75	**34.00**	**2.78**	37.12	2.83	39.14	2.89
		100	28.32	2.67	30.34	2.76	32.37	2.87	33.56	2.90	36.41	2.95	38.43	3.01
		105	27.61	2.78	29.64	2.88	31.66	2.98	33.12	3.02	35.70	3.07	37.73	3.13
		110	26.91	2.88	28.93	2.99	30.95	3.10	32.41	3.13	35.00	3.19	37.02	3.26
		115	26.20	2.99	28.22	3.10	30.24	3.22	31.71	3.25	34.29	3.31	36.31	3.38
		118	25.78	3.06	27.80	3.17	29.82	3.29	31.28	3.32	33.87	3.39	35.89	3.45
		122	25.63	3.15	27.66	3.26	29.68	3.38	31.14	3.42	33.72	3.48	35.75	3.55
	9 + 9 + 12 + 12	14	33.33	1.74	35.40	1.80	37.47	1.87	38.96	1.89	41.61	1.93	43.68	1.96
		20	33.30	1.76	35.37	1.83	37.44	1.90	38.94	1.92	41.58	1.95	43.65	1.99
		25	33.28	1.79	35.35	1.86	37.41	1.92	38.91	1.94	41.55	1.98	43.61	2.02
		30	33.25	1.81	35.32	1.88	37.38	1.95	38.88	1.97	41.51	2.01	43.58	2.05
		35	33.23	1.84	35.29	1.91	37.36	1.98	38.85	2.00	41.48	2.04	43.55	2.08
		40	33.20	1.86	35.27	1.93	37.33	2.00	38.82	2.03	41.45	2.06	43.51	2.11
		45	33.18	1.89	35.24	1.96	37.30	2.03	38.79	2.05	41.42	2.09	43.48	2.13
		50	33.15	1.91	35.21	1.98	37.27	2.06	38.76	2.08	41.39	2.12	43.45	2.16
		55	33.13	1.94	35.18	2.01	37.24	2.08	38.73	2.11	41.36	2.15	43.41	2.19
		60	33.10	1.96	35.16	2.04	37.21	2.11	38.70	2.14	41.32	2.18	43.38	2.22
		65	33.08	1.99	35.13	2.06	37.18	2.14	38.67	2.16	41.29	2.20	43.35	2.25
		70	33.05	2.01	35.10	2.09	37.16	2.16	38.64	2.19	41.26	2.23	43.31	2.28
		75	32.26	2.12	34.30	2.20	36.35	2.28	37.83	2.31	40.45	2.35	42.49	2.40
		80	31.46	2.23	33.50	2.31	35.54	2.40	37.02	2.43	39.63	2.47	41.67	2.52
		85	30.67	2.34	32.71	2.43	34.75	2.51	36.22	2.54	38.82	2.59	40.86	2.64
		90	29.88	2.45	31.92	2.54	33.95	2.63	35.42	2.66	38.01	2.71	40.05	2.77
		95	29.03	2.56	31.05	2.65	33.07	2.75	**34.00**	**2.78**	37.12	2.83	39.14	2.89
		100	28.32	2.67	30.34	2.76	32.37	2.87	33.56	2.90	36.41	2.95	38.43	3.01
		105	27.61	2.78	29.64	2.88	31.66	2.98	33.12	3.02	35.70	3.07	37.73	3.13
		110	26.91	2.88	28.93	2.99	30.95	3.10	32.41	3.13	35.00	3.19	37.02	3.26
		115	26.20	2.99	28.22	3.10	30.24	3.22	31.71	3.25	34.29	3.31	36.31	3.38
		118	25.78	3.06	27.80	3.17	29.82	3.29	31.28	3.32	33.87	3.39	35.89	3.45
		122	25.63	3.15	27.66	3.26	29.68	3.38	31.14	3.42	33.72	3.48	35.75	3.55

TC = Total Capacity (kBtu/h).

PI = Power Input (kW).

Nominal capacity as rated: 0 ft. above sea level with 25 ft. of refrigerant piping.
0 ft. level difference between outdoor and indoor units.

Nominal cooling capacity rating obtained with air entering the indoor unit at 80°F dry bulb (DB) and 67°F wet bulb (WB), and outdoor ambient conditions of 95°F dry bulb (DB) and 75°F wet bulb (WB).

The shaded table columns and rows indicate reference data. When operating at this temperature, these values can be different if the system is not running consistently.

Due to our policy of continuous product innovation, some specifications may change without notification.
©LG Electronics U.S.A., Inc., Englewood Cliffs, NJ. All rights reserved. "LG" is a registered trademark of LG Corp.

PERFORMANCE DATA

Cooling Capacity Tables

Table 73: LMU369HV Cooling Capacity Table — Mixed Indoor Units (continued).

Connected Indoor Units	Combination Capacity Index	Outdoor Air Temp. (°F DB)	Indoor Air Temp. °F DB / °F WB											
			68 / 57		73 / 61		77 / 64		80 / 67		86 / 72		90 / 75	
			TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
Four (4) Mixed Indoor Units	9 + 12 + 12 + 12	14	33.33	1.74	35.40	1.80	37.47	1.87	38.96	1.89	41.61	1.93	43.68	1.96
		20	33.30	1.76	35.37	1.83	37.44	1.90	38.94	1.92	41.58	1.95	43.65	1.99
		25	33.28	1.79	35.35	1.86	37.41	1.92	38.91	1.94	41.55	1.98	43.61	2.02
		30	33.25	1.81	35.32	1.88	37.38	1.95	38.88	1.97	41.51	2.01	43.58	2.05
		35	33.23	1.84	35.29	1.91	37.36	1.98	38.85	2.00	41.48	2.04	43.55	2.08
		40	33.20	1.86	35.27	1.93	37.33	2.00	38.82	2.03	41.45	2.06	43.51	2.11
		45	33.18	1.89	35.24	1.96	37.30	2.03	38.79	2.05	41.42	2.09	43.48	2.13
		50	33.15	1.91	35.21	1.98	37.27	2.06	38.76	2.08	41.39	2.12	43.45	2.16
		55	33.13	1.94	35.18	2.01	37.24	2.08	38.73	2.11	41.36	2.15	43.41	2.19
		60	33.10	1.96	35.16	2.04	37.21	2.11	38.70	2.14	41.32	2.18	43.38	2.22
		65	33.08	1.99	35.13	2.06	37.18	2.14	38.67	2.16	41.29	2.20	43.35	2.25
		70	33.05	2.01	35.10	2.09	37.16	2.16	38.64	2.19	41.26	2.23	43.31	2.28
		75	32.26	2.12	34.30	2.20	36.35	2.28	37.83	2.31	40.45	2.35	42.49	2.40
		80	31.46	2.23	33.50	2.31	35.54	2.40	37.02	2.43	39.63	2.47	41.67	2.52
		85	30.67	2.34	32.71	2.43	34.75	2.51	36.22	2.54	38.82	2.59	40.86	2.64
		90	29.88	2.45	31.92	2.54	33.95	2.63	35.42	2.66	38.01	2.71	40.05	2.77
		95	29.03	2.56	31.05	2.65	33.07	2.75	**34.00**	**2.78**	37.12	2.83	39.14	2.89
		100	28.32	2.67	30.34	2.76	32.37	2.87	33.56	2.90	36.41	2.95	38.43	3.01
		105	27.61	2.78	29.64	2.88	31.66	2.98	33.12	3.02	35.70	3.07	37.73	3.13
		110	26.91	2.88	28.93	2.99	30.95	3.10	32.41	3.13	35.00	3.19	37.02	3.26
		115	26.20	2.99	28.22	3.10	30.24	3.22	31.71	3.25	34.29	3.31	36.31	3.38
		118	25.78	3.06	27.80	3.17	29.82	3.29	31.28	3.32	33.87	3.39	35.89	3.45
		122	25.63	3.15	27.66	3.26	29.68	3.38	31.14	3.42	33.72	3.48	35.75	3.55
	9 + 9 + 9 + 18	14	33.33	1.74	35.40	1.80	37.47	1.87	38.96	1.89	41.61	1.93	43.68	1.96
		20	33.30	1.76	35.37	1.83	37.44	1.90	38.94	1.92	41.58	1.95	43.65	1.99
		25	33.28	1.79	35.35	1.86	37.41	1.92	38.91	1.94	41.55	1.98	43.61	2.02
		30	33.25	1.81	35.32	1.88	37.38	1.95	38.88	1.97	41.51	2.01	43.58	2.05
		35	33.23	1.84	35.29	1.91	37.36	1.98	38.85	2.00	41.48	2.04	43.55	2.08
		40	33.20	1.86	35.27	1.93	37.33	2.00	38.82	2.03	41.45	2.06	43.51	2.11
		45	33.18	1.89	35.24	1.96	37.30	2.03	38.79	2.05	41.42	2.09	43.48	2.13
		50	33.15	1.91	35.21	1.98	37.27	2.06	38.76	2.08	41.39	2.12	43.45	2.16
		55	33.13	1.94	35.18	2.01	37.24	2.08	38.73	2.11	41.36	2.15	43.41	2.19
		60	33.10	1.96	35.16	2.04	37.21	2.11	38.70	2.14	41.32	2.18	43.38	2.22
		65	33.08	1.99	35.13	2.06	37.18	2.14	38.67	2.16	41.29	2.20	43.35	2.25
		70	33.05	2.01	35.10	2.09	37.16	2.16	38.64	2.19	41.26	2.23	43.31	2.28
		75	32.26	2.12	34.30	2.20	36.35	2.28	37.83	2.31	40.45	2.35	42.49	2.40
		80	31.46	2.23	33.50	2.31	35.54	2.40	37.02	2.43	39.63	2.47	41.67	2.52
		85	30.67	2.34	32.71	2.43	34.75	2.51	36.22	2.54	38.82	2.59	40.86	2.64
		90	29.88	2.45	31.92	2.54	33.95	2.63	35.42	2.66	38.01	2.71	40.05	2.77
		95	29.03	2.56	31.05	2.65	33.07	2.75	**34.00**	**2.78**	37.12	2.83	39.14	2.89
		100	28.32	2.67	30.34	2.76	32.37	2.87	33.56	2.90	36.41	2.95	38.43	3.01
		105	27.61	2.78	29.64	2.88	31.66	2.98	33.12	3.02	35.70	3.07	37.73	3.13
		110	26.91	2.88	28.93	2.99	30.95	3.10	32.41	3.13	35.00	3.19	37.02	3.26
		115	26.20	2.99	28.22	3.10	30.24	3.22	31.71	3.25	34.29	3.31	36.31	3.38
		118	25.78	3.06	27.80	3.17	29.82	3.29	31.28	3.32	33.87	3.39	35.89	3.45
		122	25.63	3.15	27.66	3.26	29.68	3.38	31.14	3.42	33.72	3.48	35.75	3.55

TC = Total Capacity (kBtu/h).

PI = Power Input (kW).

Nominal capacity as rated: 0 ft. above sea level with 25 ft. of refrigerant piping.
0 ft. level difference between outdoor and indoor units.

Nominal cooling capacity rating obtained with air entering the indoor unit at 80ºF dry bulb (DB) and 67ºF wet bulb (WB), and outdoor ambient conditions of 95ºF dry bulb (DB) and 75ºF wet bulb (WB).

The shaded table columns and rows indicate reference data. When operating at this temperature, these values can be different if the system is not running consistently.

Due to our policy of continuous product innovation, some specifications may change without notification.
©LG Electronics U.S.A., Inc., Englewood Cliffs, NJ. All rights reserved. "LG" is a registered trademark of LG Corp.

Table 74: LMU369HV Cooling Capacity Table — Mixed Indoor Units (continued).

Connected Indoor Units	Combination Capacity Index	Outdoor Air Temp. (°F DB)	Indoor Air Temp. °F DB / °F WB											
			68 / 57		73 / 61		77 / 64		80 / 67		86 / 72		90 / 75	
			TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
Four (4) Mixed Indoor Units	9 + 9 + 12 + 18	14	33.33	1.74	35.40	1.80	37.47	1.87	38.96	1.89	41.61	1.93	43.68	1.96
		20	33.30	1.76	35.37	1.83	37.44	1.90	38.94	1.92	41.58	1.95	43.65	1.99
		25	33.28	1.79	35.35	1.86	37.41	1.92	38.91	1.94	41.55	1.98	43.61	2.02
		30	33.25	1.81	35.32	1.88	37.38	1.95	38.88	1.97	41.51	2.01	43.58	2.05
		35	33.23	1.84	35.29	1.91	37.36	1.98	38.85	2.00	41.48	2.04	43.55	2.08
		40	33.20	1.86	35.27	1.93	37.33	2.00	38.82	2.03	41.45	2.06	43.51	2.11
		45	33.18	1.89	35.24	1.96	37.30	2.03	38.79	2.05	41.42	2.09	43.48	2.13
		50	33.15	1.91	35.21	1.98	37.27	2.06	38.76	2.08	41.39	2.12	43.45	2.16
		55	33.13	1.94	35.18	2.01	37.24	2.08	38.73	2.11	41.36	2.15	43.41	2.19
		60	33.10	1.96	35.16	2.04	37.21	2.11	38.70	2.14	41.32	2.18	43.38	2.22
		65	33.08	1.99	35.13	2.06	37.18	2.14	38.67	2.16	41.29	2.20	43.35	2.25
		70	33.05	2.01	35.10	2.09	37.16	2.16	38.64	2.19	41.26	2.23	43.31	2.28
		75	32.26	2.12	34.30	2.20	36.35	2.28	37.83	2.31	40.45	2.35	42.49	2.40
		80	31.46	2.23	33.50	2.31	35.54	2.40	37.02	2.43	39.63	2.47	41.67	2.52
		85	30.67	2.34	32.71	2.43	34.75	2.51	36.22	2.54	38.82	2.59	40.86	2.64
		90	29.88	2.45	31.92	2.54	33.95	2.63	35.42	2.66	38.01	2.71	40.05	2.77
		95	29.03	2.56	31.05	2.65	33.07	2.75	**34.00**	**2.78**	37.12	2.83	39.14	2.89
		100	28.32	2.67	30.34	2.76	32.37	2.87	33.56	2.90	36.41	2.95	38.43	3.01
		105	27.61	2.78	29.64	2.88	31.66	2.98	33.12	3.02	35.70	3.07	37.73	3.13
		110	26.91	2.88	28.93	2.99	30.95	3.10	32.41	3.13	35.00	3.19	37.02	3.26
		115	26.20	2.99	28.22	3.10	30.24	3.22	31.71	3.25	34.29	3.31	36.31	3.38
		118	25.78	3.06	27.80	3.17	29.82	3.29	31.28	3.32	33.87	3.39	35.89	3.45
		122	25.63	3.15	27.66	3.26	29.68	3.38	31.14	3.42	33.72	3.48	35.75	3.55
	12 + 12 + 12 + 12	14	33.33	1.74	35.40	1.80	37.47	1.87	38.96	1.89	41.61	1.93	43.68	1.96
		20	33.30	1.76	35.37	1.83	37.44	1.90	38.94	1.92	41.58	1.95	43.65	1.99
		25	33.28	1.79	35.35	1.86	37.41	1.92	38.91	1.94	41.55	1.98	43.61	2.02
		30	33.25	1.81	35.32	1.88	37.38	1.95	38.88	1.97	41.51	2.01	43.58	2.05
		35	33.23	1.84	35.29	1.91	37.36	1.98	38.85	2.00	41.48	2.04	43.55	2.08
		40	33.20	1.86	35.27	1.93	37.33	2.00	38.82	2.03	41.45	2.06	43.51	2.11
		45	33.18	1.89	35.24	1.96	37.30	2.03	38.79	2.05	41.42	2.09	43.48	2.13
		50	33.15	1.91	35.21	1.98	37.27	2.06	38.76	2.08	41.39	2.12	43.45	2.16
		55	33.13	1.94	35.18	2.01	37.24	2.08	38.73	2.11	41.36	2.15	43.41	2.19
		60	33.10	1.96	35.16	2.04	37.21	2.11	38.70	2.14	41.32	2.18	43.38	2.22
		65	33.08	1.99	35.13	2.06	37.18	2.14	38.67	2.16	41.29	2.20	43.35	2.25
		70	33.05	2.01	35.10	2.09	37.16	2.16	38.64	2.19	41.26	2.23	43.31	2.28
		75	32.26	2.12	34.30	2.20	36.35	2.28	37.83	2.31	40.45	2.35	42.49	2.40
		80	31.46	2.23	33.50	2.31	35.54	2.40	37.02	2.43	39.63	2.47	41.67	2.52
		85	30.67	2.34	32.71	2.43	34.75	2.51	36.22	2.54	38.82	2.59	40.86	2.64
		90	29.88	2.45	31.92	2.54	33.95	2.63	35.42	2.66	38.01	2.71	40.05	2.77
		95	29.03	2.56	31.05	2.65	33.07	2.75	**34.00**	**2.78**	37.12	2.83	39.14	2.89
		100	28.32	2.67	30.34	2.76	32.37	2.87	33.56	2.90	36.41	2.95	38.43	3.01
		105	27.61	2.78	29.64	2.88	31.66	2.98	33.12	3.02	35.70	3.07	37.73	3.13
		110	26.91	2.88	28.93	2.99	30.95	3.10	32.41	3.13	35.00	3.19	37.02	3.26
		115	26.20	2.99	28.22	3.10	30.24	3.22	31.71	3.25	34.29	3.31	36.31	3.38
		118	25.78	3.06	27.80	3.17	29.82	3.29	31.28	3.32	33.87	3.39	35.89	3.45
		122	25.63	3.15	27.66	3.26	29.68	3.38	31.14	3.42	33.72	3.48	35.75	3.55

TC = Total Capacity (kBtu/h).

PI = Power Input (kW).

Nominal capacity as rated: 0 ft. above sea level with 25 ft. of refrigerant piping.
0 ft. level difference between outdoor and indoor units.

Nominal cooling capacity rating obtained with air entering the indoor unit at 80°F dry bulb (DB) and 67°F wet bulb (WB), and outdoor ambient conditions of 95°F dry bulb (DB) and 75°F wet bulb (WB).

The shaded table columns and rows indicate reference data. When operating at this temperature, these values can be different if the system is not running consistently.

Due to our policy of continuous product innovation, some specifications may change without notification.
©LG Electronics U.S.A., Inc., Englewood Cliffs, NJ. All rights reserved. "LG" is a registered trademark of LG Corp.

PERFORMANCE DATA

Heating Capacity Tables

Table 75: LMU187HV Heating Capacity Table — Non-Ducted Indoor Units.

Connected Indoor Units	Combination Capacity Index	Outdoor Air Temp.		Indoor Air Temp. °F DB											
		°F	°F	61		64		68		70		72		75	
		DB	WB	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
Two (2) Non-Ducted Indoor Units	9 + 9	0	-0.4	6.32	0.94	5.92	0.98	5.96	1.00	5.82	1.00	5.70	1.01	5.46	1.05
		5	4.5	8.22	0.96	7.82	1.00	7.72	1.02	7.55	1.03	7.42	1.04	7.12	1.07
		10	9	9.49	0.98	9.10	1.01	8.90	1.04	8.72	1.05	8.57	1.06	8.24	1.10
		17	15	10.88	1.00	10.50	1.03	10.20	1.06	**10.00**	**1.08**	9.84	1.09	9.46	1.13
		20	19	11.73	1.01	11.35	1.04	10.99	1.08	10.78	1.10	10.61	1.12	10.20	1.15
		25	23	13.14	1.04	12.75	1.07	12.30	1.11	12.07	1.13	11.88	1.15	11.44	1.18
		30	28	14.55	1.07	14.10	1.11	13.61	1.14	13.36	1.16	13.16	1.18	12.68	1.21
		35	32	15.96	1.10	15.45	1.14	14.93	1.17	14.66	1.20	14.44	1.22	13.92	1.25
		40	36	16.77	1.13	16.30	1.17	15.78	1.21	15.51	1.23	15.29	1.25	14.74	1.28
		45	41	17.79	1.17	17.37	1.21	16.85	1.25	16.57	1.27	16.35	1.29	15.76	1.33
		47	43	18.20	1.19	17.79	1.23	17.28	1.27	**17.00**	**1.29**	16.77	1.31	16.16	1.35
		50	46	18.25	1.18	17.88	1.22	17.44	1.25	17.19	1.27	16.99	1.29	16.41	1.32
		55	51	18.34	1.17	18.04	1.20	17.70	1.23	17.50	1.24	17.34	1.25	16.82	1.28
		60	56	18.43	1.16	18.19	1.18	17.97	1.20	17.81	1.21	17.69	1.22	17.24	1.24
		63	59	18.48	1.15	18.28	1.17	18.12	1.19	18.00	1.19	17.90	1.20	17.48	1.21
		68	64	18.54	1.14	18.37	1.16	18.28	1.17	18.19	1.17	18.11	1.18	17.73	1.19
	9 + 12	0	-0.4	6.32	0.94	5.92	0.98	5.96	1.00	5.82	1.00	5.70	1.01	5.46	1.05
		5	4.5	8.22	0.96	7.82	1.00	7.72	1.02	7.55	1.03	7.42	1.04	7.12	1.07
		10	9	9.49	0.98	9.10	1.01	8.90	1.04	8.72	1.05	8.57	1.06	8.24	1.10
		17	15	10.88	1.00	10.50	1.03	10.20	1.06	**10.00**	**1.08**	9.84	1.09	9.46	1.13
		20	19	11.73	1.01	11.35	1.04	10.99	1.08	10.78	1.10	10.61	1.12	10.20	1.15
		25	23	13.14	1.04	12.75	1.07	12.30	1.11	12.07	1.13	11.88	1.15	11.44	1.18
		30	28	14.55	1.07	14.10	1.11	13.61	1.14	13.36	1.16	13.16	1.18	12.68	1.21
		35	32	15.96	1.10	15.45	1.14	14.93	1.17	14.66	1.20	14.44	1.22	13.92	1.25
		40	36	16.77	1.13	16.30	1.17	15.78	1.21	15.51	1.23	15.29	1.25	14.74	1.28
		45	41	17.79	1.17	17.37	1.21	16.85	1.25	16.57	1.27	16.35	1.29	15.76	1.33
		47	43	18.20	1.19	17.79	1.23	17.28	1.27	**17.00**	**1.29**	16.77	1.31	16.16	1.35
		50	46	18.25	1.18	17.88	1.22	17.44	1.25	17.19	1.27	16.99	1.29	16.41	1.32
		55	51	18.34	1.17	18.04	1.20	17.70	1.23	17.50	1.24	17.34	1.25	16.82	1.28
		60	56	18.43	1.16	18.19	1.18	17.97	1.20	17.81	1.21	17.69	1.22	17.24	1.24
		63	59	18.48	1.15	18.28	1.17	18.12	1.19	18.00	1.19	17.90	1.20	17.48	1.21
		68	64	18.54	1.14	18.37	1.16	18.28	1.17	18.19	1.17	18.11	1.18	17.73	1.19
	12 + 12	0	-0.4	6.32	0.94	5.92	0.98	5.96	1.00	5.82	1.00	5.70	1.01	5.46	1.05
		5	4.5	8.22	0.96	7.82	1.00	7.72	1.02	7.55	1.03	7.42	1.04	7.12	1.07
		10	9	9.49	0.98	9.10	1.01	8.90	1.04	8.72	1.05	8.57	1.06	8.24	1.10
		17	15	10.88	1.00	10.50	1.03	10.20	1.06	**10.00**	**1.08**	9.84	1.09	9.46	1.13
		20	19	11.73	1.01	11.35	1.04	10.99	1.08	10.78	1.10	10.61	1.12	10.20	1.15
		25	23	13.14	1.04	12.75	1.07	12.30	1.11	12.07	1.13	11.88	1.15	11.44	1.18
		30	28	14.55	1.07	14.10	1.11	13.61	1.14	13.36	1.16	13.16	1.18	12.68	1.21
		35	32	15.96	1.10	15.45	1.14	14.93	1.17	14.66	1.20	14.44	1.22	13.92	1.25
		40	36	16.77	1.13	16.30	1.17	15.78	1.21	15.51	1.23	15.29	1.25	14.74	1.28
		45	41	17.79	1.17	17.37	1.21	16.85	1.25	16.57	1.27	16.35	1.29	15.76	1.33
		47	43	18.20	1.19	17.79	1.23	17.28	1.27	**17.00**	**1.29**	16.77	1.31	16.16	1.35
		50	46	18.25	1.18	17.88	1.22	17.44	1.25	17.19	1.27	16.99	1.29	16.41	1.32
		55	51	18.34	1.17	18.04	1.20	17.70	1.23	17.50	1.24	17.34	1.25	16.82	1.28
		60	56	18.43	1.16	18.19	1.18	17.97	1.20	17.81	1.21	17.69	1.22	17.24	1.24
		63	59	18.48	1.15	18.28	1.17	18.12	1.19	18.00	1.19	17.90	1.20	17.48	1.21
		68	64	18.54	1.14	18.37	1.16	18.28	1.17	18.19	1.17	18.11	1.18	17.73	1.19

TC = Total Capacity (kBtu/h).

PI = Power Input (kW).

Nominal capacity as rated: 0 ft. above sea level with 25 ft. of refrigerant piping.
0 ft. level difference between outdoor and indoor units.

Nominal heating capacity rating obtained with air entering the indoor unit at 70°F dry bulb (DB) and 60°F wet bulb (WB), and outdoor ambient conditions of 47°F dry bulb (DB) and 43°F wet bulb (WB).

Due to our policy of continuous product innovation, some specifications may change without notification.
©LG Electronics U.S.A., Inc., Englewood Cliffs, NJ. All rights reserved. "LG" is a registered trademark of LG Corp.

PERFORMANCE DATA

Heating Capacity Tables

Table 76: LMU187HV Heating Capacity Table — Ducted Indoor Units.

Connected Indoor Units	Combination Capacity Index	Outdoor Air Temp.		Indoor Air Temp. °F DB											
		°F	°F	61		64		68		70		72		75	
		DB	WB	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
Two (2) Ducted Indoor Units	9 + 9	0	-0.4	6.28	0.97	5.88	1.01	5.92	1.02	5.78	1.03	5.67	1.04	5.43	1.08
		5	4.5	8.15	0.99	7.76	1.02	7.66	1.04	7.49	1.05	7.36	1.06	7.06	1.10
		10	9	9.40	1.00	9.02	1.03	8.82	1.06	8.64	1.08	8.50	1.09	8.16	1.12
		17	15	10.77	1.02	10.40	1.05	10.10	1.09	**9.90**	**1.10**	9.74	1.12	9.37	1.15
		20	19	11.60	1.03	11.23	1.06	10.87	1.10	10.66	1.12	10.50	1.14	10.10	1.17
		25	23	12.99	1.06	12.61	1.09	12.17	1.13	11.94	1.15	11.75	1.17	11.31	1.20
		30	28	14.38	1.09	13.94	1.12	13.46	1.16	13.21	1.18	13.01	1.20	12.54	1.24
		35	32	15.77	1.12	15.27	1.16	14.75	1.19	14.49	1.22	14.27	1.24	13.76	1.27
		40	36	16.58	1.15	16.11	1.19	15.60	1.22	15.33	1.25	15.11	1.27	14.56	1.30
		45	41	17.58	1.19	17.16	1.23	16.66	1.27	16.38	1.29	16.16	1.31	15.57	1.35
		47	43	17.98	1.21	17.58	1.25	17.08	1.29	**16.80**	**1.31**	16.58	1.33	15.97	1.37
		50	46	18.04	1.20	17.67	1.24	17.23	1.27	16.99	1.29	16.79	1.31	16.22	1.34
		55	51	18.12	1.19	17.82	1.22	17.49	1.25	17.29	1.26	17.13	1.27	16.63	1.30
		60	56	18.21	1.17	17.98	1.20	17.75	1.22	17.60	1.23	17.48	1.24	17.03	1.26
		63	59	18.27	1.17	18.07	1.19	17.91	1.20	17.79	1.21	17.69	1.21	17.28	1.23
		68	64	18.32	1.16	18.16	1.17	18.07	1.19	17.97	1.19	17.90	1.19	17.53	1.20
	9 + 12	0	-0.4	6.28	0.97	5.88	1.01	5.92	1.02	5.78	1.03	5.67	1.04	5.43	1.08
		5	4.5	8.15	0.99	7.76	1.02	7.66	1.04	7.49	1.05	7.36	1.06	7.06	1.10
		10	9	9.40	1.00	9.02	1.03	8.82	1.06	8.64	1.08	8.50	1.09	8.16	1.12
		17	15	10.77	1.02	10.40	1.05	10.10	1.09	**9.90**	**1.10**	9.74	1.12	9.37	1.15
		20	19	11.60	1.03	11.23	1.06	10.87	1.10	10.66	1.12	10.50	1.14	10.10	1.17
		25	23	12.99	1.06	12.61	1.09	12.17	1.13	11.94	1.15	11.75	1.17	11.31	1.20
		30	28	14.38	1.09	13.94	1.12	13.46	1.16	13.21	1.18	13.01	1.20	12.54	1.24
		35	32	15.77	1.12	15.27	1.16	14.75	1.19	14.49	1.22	14.27	1.24	13.76	1.27
		40	36	16.58	1.15	16.11	1.19	15.60	1.22	15.33	1.25	15.11	1.27	14.56	1.30
		45	41	17.58	1.19	17.16	1.23	16.66	1.27	16.38	1.29	16.16	1.31	15.57	1.35
		47	43	17.98	1.21	17.58	1.25	17.08	1.29	**16.80**	**1.31**	16.58	1.33	15.97	1.37
		50	46	18.04	1.20	17.67	1.24	17.23	1.27	16.99	1.29	16.79	1.31	16.22	1.34
		55	51	18.12	1.19	17.82	1.22	17.49	1.25	17.29	1.26	17.13	1.27	16.63	1.30
		60	56	18.21	1.17	17.98	1.20	17.75	1.22	17.60	1.23	17.48	1.24	17.03	1.26
		63	59	18.27	1.17	18.07	1.19	17.91	1.20	17.79	1.21	17.69	1.21	17.28	1.23
		68	64	18.32	1.16	18.16	1.17	18.07	1.19	17.97	1.19	17.90	1.19	17.53	1.20
	12 + 12	0	-0.4	6.28	0.97	5.88	1.01	5.92	1.02	5.78	1.03	5.67	1.04	5.43	1.08
		5	4.5	8.15	0.99	7.76	1.02	7.66	1.04	7.49	1.05	7.36	1.06	7.06	1.10
		10	9	9.40	1.00	9.02	1.03	8.82	1.06	8.64	1.08	8.50	1.09	8.16	1.12
		17	15	10.77	1.02	10.40	1.05	10.10	1.09	**9.90**	**1.10**	9.74	1.12	9.37	1.15
		20	19	11.60	1.03	11.23	1.06	10.87	1.10	10.66	1.12	10.50	1.14	10.10	1.17
		25	23	12.99	1.06	12.61	1.09	12.17	1.13	11.94	1.15	11.75	1.17	11.31	1.20
		30	28	14.38	1.09	13.94	1.12	13.46	1.16	13.21	1.18	13.01	1.20	12.54	1.24
		35	32	15.77	1.12	15.27	1.16	14.75	1.19	14.49	1.22	14.27	1.24	13.76	1.27
		40	36	16.58	1.15	16.11	1.19	15.60	1.22	15.33	1.25	15.11	1.27	14.56	1.30
		45	41	17.58	1.19	17.16	1.23	16.66	1.27	16.38	1.29	16.16	1.31	15.57	1.35
		47	43	17.98	1.21	17.58	1.25	17.08	1.29	**16.80**	**1.31**	16.58	1.33	15.97	1.37
		50	46	18.04	1.20	17.67	1.24	17.23	1.27	16.99	1.29	16.79	1.31	16.22	1.34
		55	51	18.12	1.19	17.82	1.22	17.49	1.25	17.29	1.26	17.13	1.27	16.63	1.30
		60	56	18.21	1.17	17.98	1.20	17.75	1.22	17.60	1.23	17.48	1.24	17.03	1.26
		63	59	18.27	1.17	18.07	1.19	17.91	1.20	17.79	1.21	17.69	1.21	17.28	1.23
		68	64	18.32	1.16	18.16	1.17	18.07	1.19	17.97	1.19	17.90	1.19	17.53	1.20

TC = Total Capacity (kBtu/h).

PI = Power Input (kW).

Nominal capacity as rated: 0 ft. above sea level with 25 ft. of refrigerant piping.
0 ft. level difference between outdoor and indoor units.

Nominal heating capacity rating obtained with air entering the indoor unit at 70°F dry bulb (DB) and 60°F wet bulb (WB), and outdoor ambient conditions of 47°F dry bulb (DB) and 43°F wet bulb (WB).

Due to our policy of continuous product innovation, some specifications may change without notification.
©LG Electronics U.S.A., Inc., Englewood Cliffs, NJ. All rights reserved. "LG" is a registered trademark of LG Corp.

PERFORMANCE DATA

Heating Capacity Tables

Table 77: LMU187HV Heating Capacity Table — Mixed Indoor Units.

Connected Indoor Units	Combination Capacity Index	Outdoor Air Temp. °F DB	Outdoor Air Temp. °F WB	Indoor Air Temp. °F DB 61 TC	61 PI	64 TC	64 PI	68 TC	68 PI	70 TC	70 PI	72 TC	72 PI	75 TC	75 PI
Two (2) Mixed Indoor Units	9 + 9	0	-0.4	6.30	0.96	5.90	0.99	5.94	1.01	5.80	1.02	5.69	1.03	5.44	1.06
		5	4.5	8.18	0.97	7.79	1.01	7.69	1.03	7.52	1.04	7.39	1.05	7.09	1.09
		10	9	9.44	0.99	9.06	1.02	8.86	1.05	8.68	1.06	8.53	1.07	8.20	1.11
		17	15	10.83	1.01	10.45	1.04	10.15	1.07	**9.95**	**1.09**	9.79	1.11	9.41	1.14
		20	19	11.67	1.02	11.29	1.05	10.93	1.09	10.72	1.11	10.55	1.13	10.15	1.16
		25	23	13.06	1.05	12.68	1.08	12.24	1.12	12.00	1.14	11.82	1.16	11.37	1.19
		30	28	14.47	1.08	14.02	1.11	13.54	1.15	13.29	1.17	13.09	1.19	12.61	1.22
		35	32	15.87	1.11	15.36	1.15	14.84	1.18	14.57	1.21	14.36	1.23	13.84	1.26
		40	36	16.68	1.14	16.21	1.18	15.69	1.21	15.42	1.24	15.20	1.26	14.65	1.29
		45	41	17.69	1.18	17.26	1.22	16.75	1.26	16.48	1.28	16.25	1.30	15.66	1.34
		47	43	18.09	1.20	17.69	1.24	17.18	1.28	**16.90**	**1.30**	16.68	1.32	16.07	1.36
		50	46	18.14	1.19	17.78	1.23	17.34	1.26	17.09	1.28	16.89	1.30	16.32	1.33
		55	51	18.23	1.18	17.93	1.21	17.60	1.24	17.40	1.25	17.23	1.26	16.72	1.29
		60	56	18.32	1.17	18.08	1.19	17.86	1.21	17.71	1.22	17.58	1.23	17.13	1.25
		63	59	18.37	1.16	18.17	1.18	18.02	1.19	17.89	1.20	17.79	1.21	17.38	1.22
		68	64	18.43	1.15	18.27	1.17	18.17	1.18	18.08	1.18	18.01	1.19	17.63	1.19
	9 + 12	0	-0.4	6.30	0.96	5.90	0.99	5.94	1.01	5.80	1.02	5.69	1.03	5.44	1.06
		5	4.5	8.18	0.97	7.79	1.01	7.69	1.03	7.52	1.04	7.39	1.05	7.09	1.09
		10	9	9.44	0.99	9.06	1.02	8.86	1.05	8.68	1.06	8.53	1.07	8.20	1.11
		17	15	10.83	1.01	10.45	1.04	10.15	1.07	**9.95**	**1.09**	9.79	1.11	9.41	1.14
		20	19	11.67	1.02	11.29	1.05	10.93	1.09	10.72	1.11	10.55	1.13	10.15	1.16
		25	23	13.06	1.05	12.68	1.08	12.24	1.12	12.00	1.14	11.82	1.16	11.37	1.19
		30	28	14.47	1.08	14.02	1.11	13.54	1.15	13.29	1.17	13.09	1.19	12.61	1.22
		35	32	15.87	1.11	15.36	1.15	14.84	1.18	14.57	1.21	14.36	1.23	13.84	1.26
		40	36	16.68	1.14	16.21	1.18	15.69	1.21	15.42	1.24	15.20	1.26	14.65	1.29
		45	41	17.69	1.18	17.26	1.22	16.75	1.26	16.48	1.28	16.25	1.30	15.66	1.34
		47	43	18.09	1.20	17.69	1.24	17.18	1.28	**16.90**	**1.30**	16.68	1.32	16.07	1.36
		50	46	18.14	1.19	17.78	1.23	17.34	1.26	17.09	1.28	16.89	1.30	16.32	1.33
		55	51	18.23	1.18	17.93	1.21	17.60	1.24	17.40	1.25	17.23	1.26	16.72	1.29
		60	56	18.32	1.17	18.08	1.19	17.86	1.21	17.71	1.22	17.58	1.23	17.13	1.25
		63	59	18.37	1.16	18.17	1.18	18.02	1.19	17.89	1.20	17.79	1.21	17.38	1.22
		68	64	18.43	1.15	18.27	1.17	18.17	1.18	18.08	1.18	18.01	1.19	17.63	1.19
	12 + 12	0	-0.4	6.30	0.96	5.90	0.99	5.94	1.01	5.80	1.02	5.69	1.03	5.44	1.06
		5	4.5	8.18	0.97	7.79	1.01	7.69	1.03	7.52	1.04	7.39	1.05	7.09	1.09
		10	9	9.44	0.99	9.06	1.02	8.86	1.05	8.68	1.06	8.53	1.07	8.20	1.11
		17	15	10.83	1.01	10.45	1.04	10.15	1.07	**9.95**	**1.09**	9.79	1.11	9.41	1.14
		20	19	11.67	1.02	11.29	1.05	10.93	1.09	10.72	1.11	10.55	1.13	10.15	1.16
		25	23	13.06	1.05	12.68	1.08	12.24	1.12	12.00	1.14	11.82	1.16	11.37	1.19
		30	28	14.47	1.08	14.02	1.11	13.54	1.15	13.29	1.17	13.09	1.19	12.61	1.22
		35	32	15.87	1.11	15.36	1.15	14.84	1.18	14.57	1.21	14.36	1.23	13.84	1.26
		40	36	16.68	1.14	16.21	1.18	15.69	1.21	15.42	1.24	15.20	1.26	14.65	1.29
		45	41	17.69	1.18	17.26	1.22	16.75	1.26	16.48	1.28	16.25	1.30	15.66	1.34
		47	43	18.09	1.20	17.69	1.24	17.18	1.28	**16.90**	**1.30**	16.68	1.32	16.07	1.36
		50	46	18.14	1.19	17.78	1.23	17.34	1.26	17.09	1.28	16.89	1.30	16.32	1.33
		55	51	18.23	1.18	17.93	1.21	17.60	1.24	17.40	1.25	17.23	1.26	16.72	1.29
		60	56	18.32	1.17	18.08	1.19	17.86	1.21	17.71	1.22	17.58	1.23	17.13	1.25
		63	59	18.37	1.16	18.17	1.18	18.02	1.19	17.89	1.20	17.79	1.21	17.38	1.22
		68	64	18.43	1.15	18.27	1.17	18.17	1.18	18.08	1.18	18.01	1.19	17.63	1.19

TC = Total Capacity (kBtu/h).

PI = Power Input (kW).

Nominal capacity as rated: 0 ft. above sea level with 25 ft. of refrigerant piping.
0 ft. level difference between outdoor and indoor units.

Nominal heating capacity rating obtained with air entering the indoor unit at 70°F dry bulb (DB) and 60°F wet bulb (WB), and outdoor ambient conditions of 47°F dry bulb (DB) and 43°F wet bulb (WB).

Due to our policy of continuous product innovation, some specifications may change without notification.
©LG Electronics U.S.A., Inc., Englewood Cliffs, NJ. All rights reserved. "LG" is a registered trademark of LG Corp.

PERFORMANCE DATA

Heating Capacity Tables

Table 78: LMU247HV Heating Capacity Table — Non-Ducted Indoor Units.

Connected Indoor Units	Combination Capacity Index	Outdoor Air Temp.		Indoor Air Temp. °F DB											
		°F	°F	61		64		68		70		72		75	
		DB	WB	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
Two (2) Non-Ducted Indoor Units	9 + 9	0	-0.4	8.59	1.44	8.06	1.50	8.09	1.52	7.90	1.54	7.75	1.55	7.42	1.60
		5	4.5	10.64	1.47	10.13	1.52	9.99	1.55	9.78	1.57	9.61	1.58	9.22	1.64
		10	9	12.01	1.49	11.52	1.54	11.27	1.58	11.04	1.60	10.85	1.62	10.43	1.67
		17	15	13.51	1.52	13.04	1.57	12.67	1.62	**12.42**	**1.64**	12.22	1.66	11.75	1.71
		20	19	14.43	1.54	13.97	1.59	13.52	1.64	13.26	1.67	13.05	1.70	12.55	1.74
		25	23	15.95	1.58	15.48	1.62	14.94	1.68	14.66	1.72	14.43	1.74	13.89	1.79
		30	28	17.48	1.62	16.94	1.67	16.35	1.73	16.05	1.76	15.81	1.79	15.23	1.84
		35	32	19.00	1.66	18.40	1.72	17.77	1.77	17.45	1.81	17.20	1.84	16.57	1.89
		40	36	19.97	1.71	19.41	1.77	18.79	1.82	18.47	1.86	18.21	1.89	17.55	1.94
		45	41	21.18	1.77	20.68	1.83	20.07	1.89	19.73	1.92	19.47	1.95	18.76	2.01
		47	43	21.67	1.80	21.18	1.86	20.58	1.92	**20.24**	**1.95**	19.97	1.98	19.24	2.04
		50	46	21.73	1.79	21.29	1.84	20.76	1.89	20.46	1.92	20.22	1.94	19.54	2.00
		55	51	21.84	1.77	21.47	1.81	21.08	1.85	20.83	1.88	20.64	1.89	20.03	1.93
		60	56	21.94	1.75	21.66	1.78	21.39	1.82	21.21	1.83	21.06	1.84	20.52	1.87
		63	59	22.00	1.74	21.77	1.77	21.58	1.79	21.43	1.80	21.31	1.81	20.82	1.83
		68	64	22.07	1.73	21.88	1.75	21.77	1.77	21.65	1.77	21.57	1.78	21.11	1.79
	9 + 12	0	-0.4	9.76	1.61	9.16	1.67	9.19	1.70	8.98	1.71	8.81	1.72	8.43	1.78
		5	4.5	12.09	1.63	11.51	1.69	11.35	1.73	11.11	1.75	10.92	1.76	10.48	1.82
		10	9	13.64	1.66	13.09	1.71	12.80	1.76	12.54	1.78	12.33	1.80	11.85	1.86
		17	15	15.36	1.69	14.82	1.74	14.40	1.80	**14.11**	**1.83**	13.89	1.85	13.35	1.91
		20	19	16.40	1.71	15.87	1.76	15.36	1.83	15.07	1.86	14.83	1.89	14.27	1.94
		25	23	18.12	1.75	17.59	1.81	16.98	1.87	16.65	1.91	16.40	1.94	15.78	1.99
		30	28	19.86	1.80	19.25	1.86	18.58	1.92	18.24	1.96	17.97	2.00	17.31	2.05
		35	32	21.59	1.85	20.91	1.92	20.19	1.97	19.83	2.01	19.54	2.05	18.83	2.10
		40	36	22.69	1.91	22.06	1.97	21.35	2.03	20.98	2.07	20.69	2.10	19.94	2.16
		45	41	24.07	1.97	23.49	2.04	22.80	2.10	22.42	2.14	22.12	2.17	21.32	2.24
		47	43	24.62	2.00	24.07	2.07	23.38	2.13	**23.00**	**2.17**	22.69	2.20	21.87	2.27
		50	46	24.69	1.99	24.19	2.05	23.60	2.11	23.25	2.14	22.98	2.16	22.20	2.22
		55	51	24.81	1.97	24.40	2.02	23.95	2.06	23.68	2.09	23.46	2.11	22.76	2.15
		60	56	24.93	1.95	24.61	1.98	24.31	2.02	24.10	2.04	23.93	2.05	23.32	2.08
		63	59	25.01	1.93	24.73	1.96	24.52	1.99	24.35	2.00	24.22	2.01	23.65	2.04
		68	64	25.08	1.92	24.86	1.95	24.73	1.97	24.61	1.97	24.51	1.98	23.99	1.99
	12 + 12	0	-0.4	11.20	1.72	10.52	1.78	10.55	1.81	10.30	1.83	10.11	1.84	9.68	1.91
		5	4.5	13.87	1.75	13.22	1.81	13.03	1.85	12.75	1.87	12.53	1.89	12.03	1.95
		10	9	15.66	1.77	15.02	1.83	14.69	1.88	14.40	1.91	14.16	1.93	13.60	1.99
		17	15	17.63	1.81	17.01	1.87	16.52	1.92	**16.20**	**1.96**	15.94	1.98	15.33	2.04
		20	19	18.82	1.83	18.22	1.89	17.63	1.95	17.29	1.99	17.02	2.02	16.38	2.07
		25	23	20.80	1.88	20.19	1.93	19.49	2.00	19.12	2.04	18.82	2.08	18.11	2.13
		30	28	22.80	1.93	22.09	1.99	21.33	2.05	20.94	2.10	20.63	2.13	19.87	2.19
		35	32	24.79	1.98	24.00	2.05	23.18	2.10	22.76	2.15	22.43	2.19	21.62	2.25
		40	36	26.05	2.04	25.32	2.11	24.51	2.17	24.09	2.21	23.75	2.25	22.89	2.31
		45	41	27.63	2.11	26.97	2.18	26.17	2.25	25.74	2.29	25.39	2.32	24.47	2.39
		47	43	28.26	2.14	27.63	2.21	26.84	2.28	**26.40**	**2.32**	26.05	2.35	25.10	2.42
		50	46	28.34	2.13	27.77	2.19	27.08	2.25	26.69	2.29	26.38	2.31	25.49	2.38
		55	51	28.48	2.10	28.01	2.16	27.49	2.21	27.18	2.23	26.92	2.25	26.13	2.30
		60	56	28.62	2.08	28.25	2.12	27.90	2.16	27.66	2.18	27.47	2.19	26.77	2.22
		63	59	28.70	2.07	28.39	2.10	28.14	2.13	27.95	2.14	27.80	2.15	27.15	2.18
		68	64	28.79	2.05	28.53	2.08	28.39	2.10	28.25	2.11	28.13	2.11	27.54	2.13

TC = Total Capacity (kBtu/h).

PI = Power Input (kW).

Nominal capacity as rated: 0 ft. above sea level with 25 ft. of refrigerant piping.
0 ft. level difference between outdoor and indoor units.

Nominal heating capacity rating obtained with air entering the indoor unit at 70ºF dry bulb (DB) and 60ºF wet bulb (WB), and outdoor ambient conditions of 47ºF dry bulb (DB) and 43ºF wet bulb (WB).

Due to our policy of continuous product innovation, some specifications may change without notification.
©LG Electronics U.S.A., Inc., Englewood Cliffs, NJ. All rights reserved. "LG" is a registered trademark of LG Corp.

PERFORMANCE DATA

Heating Capacity Tables

Table 79: LMU247HV Heating Capacity Table — Non-Ducted Units (continued).

Connected Indoor Units	Combination Capacity Index	Outdoor Air Temp.		Indoor Air Temp. °F DB											
		°F	°F	61		64		68		70		72		75	
		DB	WB	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
Two (2) Non-Ducted Indoor Units	9 + 18	0	-0.4	11.20	1.72	10.52	1.78	10.55	1.81	10.30	1.83	10.11	1.84	9.68	1.91
		5	4.5	13.87	1.75	13.22	1.81	13.03	1.85	12.75	1.87	12.53	1.89	12.03	1.95
		10	9	15.66	1.77	15.02	1.83	14.69	1.88	14.40	1.91	14.16	1.93	13.60	1.99
		17	15	17.63	1.81	17.01	1.87	16.52	1.92	**16.20**	**1.96**	15.94	1.98	15.33	2.04
		20	19	18.82	1.83	18.22	1.89	17.63	1.95	17.29	1.99	17.02	2.02	16.38	2.07
		25	23	20.80	1.88	20.19	1.93	19.49	2.00	19.12	2.04	18.82	2.08	18.11	2.13
		30	28	22.80	1.93	22.09	1.99	21.33	2.05	20.94	2.10	20.63	2.13	19.87	2.19
		35	32	24.79	1.98	24.00	2.05	23.18	2.10	22.76	2.15	22.43	2.19	21.62	2.25
		40	36	26.05	2.04	25.32	2.11	24.51	2.17	24.09	2.21	23.75	2.25	22.89	2.31
		45	41	27.63	2.11	26.97	2.18	26.17	2.25	25.74	2.29	25.39	2.32	24.47	2.39
		47	43	28.26	2.14	27.63	2.21	26.84	2.28	**26.40**	**2.32**	26.05	2.35	25.10	2.42
		50	46	28.34	2.13	27.77	2.19	27.08	2.25	26.69	2.29	26.38	2.31	25.49	2.38
		55	51	28.48	2.10	28.01	2.16	27.49	2.21	27.18	2.23	26.92	2.25	26.13	2.30
		60	56	28.62	2.08	28.25	2.12	27.90	2.16	27.66	2.18	27.47	2.19	26.77	2.22
		63	59	28.70	2.07	28.39	2.10	28.14	2.13	27.95	2.14	27.80	2.15	27.15	2.18
		68	64	28.79	2.05	28.53	2.08	28.39	2.10	28.25	2.11	28.13	2.11	27.54	2.13
	12 + 18	0	-0.4	11.20	1.72	10.52	1.78	10.55	1.81	10.30	1.83	10.11	1.84	9.68	1.91
		5	4.5	13.87	1.75	13.22	1.81	13.03	1.85	12.75	1.87	12.53	1.89	12.03	1.95
		10	9	15.66	1.77	15.02	1.83	14.69	1.88	14.40	1.91	14.16	1.93	13.60	1.99
		17	15	17.63	1.81	17.01	1.87	16.52	1.92	**16.20**	**1.96**	15.94	1.98	15.33	2.04
		20	19	18.82	1.83	18.22	1.89	17.63	1.95	17.29	1.99	17.02	2.02	16.38	2.07
		25	23	20.80	1.88	20.19	1.93	19.49	2.00	19.12	2.04	18.82	2.08	18.11	2.13
		30	28	22.80	1.93	22.09	1.99	21.33	2.05	20.94	2.10	20.63	2.13	19.87	2.19
		35	32	24.79	1.98	24.00	2.05	23.18	2.10	22.76	2.15	22.43	2.19	21.62	2.25
		40	36	26.05	2.04	25.32	2.11	24.51	2.17	24.09	2.21	23.75	2.25	22.89	2.31
		45	41	27.63	2.11	26.97	2.18	26.17	2.25	25.74	2.29	25.39	2.32	24.47	2.39
		47	43	28.26	2.14	27.63	2.21	26.84	2.28	**26.40**	**2.32**	26.05	2.35	25.10	2.42
		50	46	28.34	2.13	27.77	2.19	27.08	2.25	26.69	2.29	26.38	2.31	25.49	2.38
		55	51	28.48	2.10	28.01	2.16	27.49	2.21	27.18	2.23	26.92	2.25	26.13	2.30
		60	56	28.62	2.08	28.25	2.12	27.90	2.16	27.66	2.18	27.47	2.19	26.77	2.22
		63	59	28.70	2.07	28.39	2.10	28.14	2.13	27.95	2.14	27.80	2.15	27.15	2.18
		68	64	28.79	2.05	28.53	2.08	28.39	2.10	28.25	2.11	28.13	2.11	27.54	2.13
Three (3) Non-Ducted Indoor Units	9 + 9 + 9	0	-0.4	11.20	1.64	10.52	1.70	10.55	1.73	10.30	1.74	10.11	1.75	9.68	1.82
		5	4.5	13.87	1.66	13.22	1.72	13.03	1.76	12.75	1.78	12.53	1.80	12.03	1.86
		10	9	15.66	1.69	15.02	1.75	14.69	1.79	14.40	1.82	14.16	1.84	13.60	1.89
		17	15	17.63	1.72	17.01	1.78	16.52	1.83	**16.20**	**1.86**	15.94	1.89	15.33	1.94
		20	19	18.82	1.74	18.22	1.80	17.63	1.86	17.29	1.89	17.02	1.92	16.38	1.97
		25	23	20.80	1.79	20.19	1.84	19.49	1.91	19.12	1.95	18.82	1.98	18.11	2.03
		30	28	22.80	1.84	22.09	1.90	21.33	1.96	20.94	2.00	20.63	2.03	19.87	2.08
		35	32	24.79	1.89	24.00	1.95	23.18	2.00	22.76	2.05	22.43	2.09	21.62	2.14
		40	36	26.05	1.94	25.32	2.01	24.51	2.07	24.09	2.11	23.75	2.14	22.89	2.20
		45	41	27.63	2.01	26.97	2.08	26.17	2.14	25.74	2.18	25.39	2.21	24.47	2.28
		47	43	28.26	2.04	27.63	2.11	26.84	2.17	**26.40**	**2.21**	26.05	2.24	25.10	2.31
		50	46	28.34	2.03	27.77	2.09	27.08	2.15	26.69	2.18	26.38	2.20	25.49	2.26
		55	51	28.48	2.00	28.01	2.05	27.49	2.10	27.18	2.13	26.92	2.14	26.13	2.19
		60	56	28.62	1.98	28.25	2.02	27.90	2.06	27.66	2.07	27.47	2.09	26.77	2.12
		63	59	28.70	1.97	28.39	2.00	28.14	2.03	27.95	2.04	27.80	2.05	27.15	2.07
		68	64	28.79	1.96	28.53	1.98	28.39	2.00	28.25	2.01	28.13	2.01	27.54	2.03

TC = Total Capacity (kBtu/h).

PI = Power Input (kW).

Nominal capacity as rated: 0 ft. above sea level with 25 ft. of refrigerant piping.
0 ft. level difference between outdoor and indoor units.

Nominal heating capacity rating obtained with air entering the indoor unit at 70°F dry bulb (DB) and 60°F wet bulb (WB), and outdoor ambient conditions of 47°F dry bulb (DB) and 43°F wet bulb (WB).

Due to our policy of continuous product innovation, some specifications may change without notification.
©LG Electronics U.S.A., Inc., Englewood Cliffs, NJ. All rights reserved. "LG" is a registered trademark of LG Corp.

PERFORMANCE DATA

Heating Capacity Tables

Table 80: LMU247HV Heating Capacity Table — Non-Ducted Indoor Units (continued) / Ducted Indoor Units.

Connected Indoor Units	Combination Capacity Index	Outdoor Air Temp.		Indoor Air Temp. °F DB											
		°F	°F	61		64		68		70		72		75	
		DB	WB	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
Three (3) Non-Ducted Indoor Units	9 + 9 + 12	0	-0.4	11.20	1.64	10.52	1.70	10.55	1.73	10.30	1.74	10.11	1.75	9.68	1.82
		5	4.5	13.87	1.66	13.22	1.72	13.03	1.76	12.75	1.78	12.53	1.80	12.03	1.86
		10	9	15.66	1.69	15.02	1.75	14.69	1.79	14.40	1.82	14.16	1.84	13.60	1.89
		17	15	17.63	1.72	17.01	1.78	16.52	1.83	**16.20**	**1.86**	15.94	1.89	15.33	1.94
		20	19	18.82	1.74	18.22	1.80	17.63	1.86	17.29	1.89	17.02	1.92	16.38	1.97
		25	23	20.80	1.79	20.19	1.84	19.49	1.91	19.12	1.95	18.82	1.98	18.11	2.03
		30	28	22.80	1.84	22.09	1.90	21.33	1.96	20.94	2.00	20.63	2.03	19.87	2.08
		35	32	24.79	1.89	24.00	1.95	23.18	2.00	22.76	2.05	22.43	2.09	21.62	2.14
		40	36	26.05	1.94	25.32	2.01	24.51	2.07	24.09	2.11	23.75	2.14	22.89	2.20
		45	41	27.63	2.01	26.97	2.08	26.17	2.14	25.74	2.18	25.39	2.21	24.47	2.28
		47	43	28.26	2.04	27.63	2.11	26.84	2.17	**26.40**	**2.21**	26.05	2.24	25.10	2.31
		50	46	28.34	2.03	27.77	2.09	27.08	2.15	26.69	2.18	26.38	2.20	25.49	2.26
		55	51	28.48	2.00	28.01	2.05	27.49	2.10	27.18	2.13	26.92	2.14	26.13	2.19
		60	56	28.62	1.98	28.25	2.02	27.90	2.06	27.66	2.07	27.47	2.09	26.77	2.12
		63	59	28.70	1.97	28.39	2.00	28.14	2.03	27.95	2.04	27.80	2.05	27.15	2.07
		68	64	28.79	1.96	28.53	1.98	28.39	2.00	28.25	2.01	28.13	2.01	27.54	2.03
	9 + 12 + 12	0	-0.4	11.20	1.64	10.52	1.70	10.55	1.73	10.30	1.74	10.11	1.75	9.68	1.82
		5	4.5	13.87	1.66	13.22	1.72	13.03	1.76	12.75	1.78	12.53	1.80	12.03	1.86
		10	9	15.66	1.69	15.02	1.75	14.69	1.79	14.40	1.82	14.16	1.84	13.60	1.89
		17	15	17.63	1.72	17.01	1.78	16.52	1.83	**16.20**	**1.86**	15.94	1.89	15.33	1.94
		20	19	18.82	1.74	18.22	1.80	17.63	1.86	17.29	1.89	17.02	1.92	16.38	1.97
		25	23	20.80	1.79	20.19	1.84	19.49	1.91	19.12	1.95	18.82	1.98	18.11	2.03
		30	28	22.80	1.84	22.09	1.90	21.33	1.96	20.94	2.00	20.63	2.03	19.87	2.08
		35	32	24.79	1.89	24.00	1.95	23.18	2.00	22.76	2.05	22.43	2.09	21.62	2.14
		40	36	26.05	1.94	25.32	2.01	24.51	2.07	24.09	2.11	23.75	2.14	22.89	2.20
		45	41	27.63	2.01	26.97	2.08	26.17	2.14	25.74	2.18	25.39	2.21	24.47	2.28
		47	43	28.26	2.04	27.63	2.11	26.84	2.17	**26.40**	**2.21**	26.05	2.24	25.10	2.31
		50	46	28.34	2.03	27.77	2.09	27.08	2.15	26.69	2.18	26.38	2.20	25.49	2.26
		55	51	28.48	2.00	28.01	2.05	27.49	2.10	27.18	2.13	26.92	2.14	26.13	2.19
		60	56	28.62	1.98	28.25	2.02	27.90	2.06	27.66	2.07	27.47	2.09	26.77	2.12
		63	59	28.70	1.97	28.39	2.00	28.14	2.03	27.95	2.04	27.80	2.05	27.15	2.07
		68	64	28.79	1.96	28.53	1.98	28.39	2.00	28.25	2.01	28.13	2.01	27.54	2.0
Two (2) Ducted Indoor Units	9 + 9	0	-0.4	9.00	1.46	8.45	1.52	8.47	1.54	8.27	1.56	8.12	1.57	7.77	1.62
		5	4.5	10.92	1.49	10.41	1.54	10.26	1.57	10.04	1.59	9.86	1.61	9.47	1.66
		10	9	12.21	1.51	11.71	1.56	11.45	1.60	11.22	1.62	11.03	1.64	10.60	1.69
		17	15	13.62	1.54	13.15	1.59	12.77	1.64	**12.52**	**1.66**	12.32	1.69	11.84	1.73
		20	19	14.48	1.56	14.02	1.60	13.57	1.66	13.31	1.69	13.10	1.72	12.60	1.76
		25	23	15.91	1.59	15.44	1.64	14.90	1.70	14.62	1.74	14.39	1.76	13.85	1.81
		30	28	17.34	1.64	16.81	1.69	16.23	1.74	15.93	1.78	15.69	1.81	15.12	1.86
		35	32	18.78	1.68	18.18	1.74	17.56	1.79	17.24	1.83	16.99	1.86	16.38	1.91
		40	36	19.73	1.73	19.18	1.79	18.57	1.84	18.25	1.88	17.99	1.91	17.34	1.96
		45	41	20.93	1.79	20.43	1.85	19.83	1.91	19.50	1.94	19.24	1.97	18.54	2.03
		47	43	21.41	1.82	20.93	1.88	20.33	1.94	**20.00**	**1.97**	19.73	2.00	19.02	2.06
		50	46	21.47	1.81	21.04	1.86	20.52	1.91	20.22	1.94	19.98	1.96	19.31	2.02
		55	51	21.58	1.79	21.22	1.83	20.83	1.87	20.59	1.89	20.40	1.91	19.79	1.95
		60	56	21.68	1.77	21.40	1.80	21.14	1.83	20.95	1.85	20.81	1.86	20.28	1.89
		63	59	21.74	1.76	21.51	1.78	21.32	1.81	21.18	1.82	21.06	1.83	20.57	1.85
		68	64	21.81	1.74	21.62	1.77	21.51	1.79	21.40	1.79	21.31	1.80	20.86	1.81

TC = Total Capacity (kBtu/h).

PI = Power Input (kW).

Nominal capacity as rated: 0 ft. above sea level with 25 ft. of refrigerant piping.
0 ft. level difference between outdoor and indoor units.

Nominal heating capacity rating obtained with air entering the indoor unit at 70ºF dry bulb (DB) and 60ºF wet bulb (WB), and outdoor ambient conditions of 47ºF dry bulb (DB) and 43ºF wet bulb (WB).

Due to our policy of continuous product innovation, some specifications may change without notification.
©LG Electronics U.S.A., Inc., Englewood Cliffs, NJ. All rights reserved. "LG" is a registered trademark of LG Corp.

PERFORMANCE DATA

Heating Capacity Tables

Table 81: LMU247HV Heating Capacity Table — Ducted Indoor Units (continued).

Connected Indoor Units	Combination Capacity Index	Outdoor Air Temp.		Indoor Air Temp. °F DB											
		°F	°F	61		64		68		70		72		75	
		DB	WB	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
Two (2) Ducted Indoor Units	9 + 12	0	-0.4	10.25	1.66	9.64	1.72	9.65	1.75	9.43	1.76	9.25	1.78	8.86	1.84
		5	4.5	12.45	1.68	11.86	1.74	11.69	1.78	11.44	1.80	11.24	1.82	10.79	1.88
		10	9	13.91	1.71	13.35	1.77	13.06	1.81	12.79	1.84	12.58	1.86	12.08	1.92
		17	15	15.53	1.74	14.99	1.80	14.56	1.85	**14.27**	**1.88**	14.04	1.91	13.50	1.96
		20	19	16.51	1.76	15.98	1.82	15.47	1.88	15.17	1.91	14.93	1.94	14.36	2.00
		25	23	18.14	1.80	17.60	1.86	16.99	1.93	16.67	1.97	16.41	2.00	15.79	2.05
		30	28	19.77	1.85	19.16	1.92	18.50	1.97	18.16	2.02	17.89	2.05	17.23	2.10
		35	32	21.41	1.90	20.72	1.97	20.02	2.02	19.66	2.07	19.37	2.11	18.67	2.16
		40	36	22.50	1.96	21.86	2.03	21.17	2.08	20.80	2.13	20.51	2.16	19.76	2.22
		45	41	23.86	2.03	23.29	2.10	22.60	2.16	22.23	2.20	21.93	2.23	21.13	2.30
		47	43	24.41	2.06	23.86	2.12	23.18	2.19	**22.80**	**2.23**	22.50	2.26	21.68	2.33
		50	46	24.48	2.04	23.98	2.10	23.39	2.17	23.05	2.20	22.78	2.22	22.01	2.28
		55	51	24.60	2.02	24.19	2.07	23.74	2.12	23.47	2.14	23.25	2.16	22.56	2.21
		60	56	24.72	2.00	24.39	2.04	24.09	2.08	23.89	2.09	23.72	2.10	23.12	2.14
		63	59	24.79	1.99	24.52	2.02	24.31	2.05	24.14	2.06	24.01	2.07	23.45	2.09
		68	64	24.86	1.97	24.64	2.00	24.52	2.02	24.39	2.03	24.29	2.03	23.79	2.05
	12 + 12	0	-0.4	11.78	1.75	11.08	1.82	11.09	1.85	10.84	1.87	10.63	1.88	10.18	1.95
		5	4.5	14.30	1.78	13.63	1.85	13.44	1.89	13.15	1.91	12.92	1.92	12.40	1.99
		10	9	15.99	1.81	15.34	1.87	15.00	1.92	14.70	1.94	14.45	1.97	13.88	2.03
		17	15	17.84	1.84	17.22	1.90	16.73	1.96	**16.40**	**1.99**	16.14	2.02	15.52	2.08
		20	19	18.97	1.87	18.36	1.92	17.77	1.99	17.43	2.03	17.16	2.06	16.51	2.11
		25	23	20.84	1.91	20.22	1.97	19.52	2.04	19.15	2.08	18.86	2.11	18.15	2.17
		30	28	22.72	1.96	22.02	2.03	21.26	2.09	20.87	2.14	20.56	2.17	19.80	2.23
		35	32	24.60	2.01	23.82	2.09	23.00	2.14	22.59	2.19	22.26	2.23	21.46	2.28
		40	36	25.85	2.07	25.13	2.15	24.32	2.21	23.90	2.25	23.57	2.29	22.71	2.35
		45	41	27.42	2.15	26.76	2.22	25.98	2.29	25.54	2.33	25.20	2.36	24.28	2.43
		47	43	28.05	2.18	27.42	2.25	26.64	2.32	**26.20**	**2.36**	25.85	2.39	24.91	2.46
		50	46	28.13	2.16	27.56	2.23	26.88	2.29	26.49	2.33	26.18	2.35	25.29	2.42
		55	51	28.27	2.14	27.80	2.19	27.28	2.24	26.97	2.27	26.72	2.29	25.93	2.34
		60	56	28.40	2.12	28.03	2.16	27.69	2.20	27.45	2.21	27.26	2.23	26.56	2.26
		63	59	28.48	2.10	28.17	2.14	27.93	2.17	27.74	2.18	27.59	2.19	26.95	2.21
		68	64	28.57	2.09	28.32	2.12	28.18	2.14	28.03	2.15	27.92	2.15	27.33	2.17
	9 + 18	0	-0.4	11.78	1.75	11.08	1.82	11.09	1.85	10.84	1.87	10.63	1.88	10.18	1.95
		5	4.5	14.30	1.78	13.63	1.85	13.44	1.89	13.15	1.91	12.92	1.92	12.40	1.99
		10	9	15.99	1.81	15.34	1.87	15.00	1.92	14.70	1.94	14.45	1.97	13.88	2.03
		17	15	17.84	1.84	17.22	1.90	16.73	1.96	**16.40**	**1.99**	16.14	2.02	15.52	2.08
		20	19	18.97	1.87	18.36	1.92	17.77	1.99	17.43	2.03	17.16	2.06	16.51	2.11
		25	23	20.84	1.91	20.22	1.97	19.52	2.04	19.15	2.08	18.86	2.11	18.15	2.17
		30	28	22.72	1.96	22.02	2.03	21.26	2.09	20.87	2.14	20.56	2.17	19.80	2.23
		35	32	24.60	2.01	23.82	2.09	23.00	2.14	22.59	2.19	22.26	2.23	21.46	2.28
		40	36	25.85	2.07	25.13	2.15	24.32	2.21	23.90	2.25	23.57	2.29	22.71	2.35
		45	41	27.42	2.15	26.76	2.22	25.98	2.29	25.54	2.33	25.20	2.36	24.28	2.43
		47	43	28.05	2.18	27.42	2.25	26.64	2.32	**26.20**	**2.36**	25.85	2.39	24.91	2.46
		50	46	28.13	2.16	27.56	2.23	26.88	2.29	26.49	2.33	26.18	2.35	25.29	2.42
		55	51	28.27	2.14	27.80	2.19	27.28	2.24	26.97	2.27	26.72	2.29	25.93	2.34
		60	56	28.40	2.12	28.03	2.16	27.69	2.20	27.45	2.21	27.26	2.23	26.56	2.26
		63	59	28.48	2.10	28.17	2.14	27.93	2.17	27.74	2.18	27.59	2.19	26.95	2.21
		68	64	28.57	2.09	28.32	2.12	28.18	2.14	28.03	2.15	27.92	2.15	27.33	2.17

TC = Total Capacity (kBtu/h).

PI = Power Input (kW).

Nominal capacity as rated: 0 ft. above sea level with 25 ft. of refrigerant piping.
0 ft. level difference between outdoor and indoor units.

Nominal heating capacity rating obtained with air entering the indoor unit at 70°F dry bulb (DB) and 60°F wet bulb (WB), and outdoor ambient conditions of 47°F dry bulb (DB) and 43°F wet bulb (WB).

Due to our policy of continuous product innovation, some specifications may change without notification.
©LG Electronics U.S.A., Inc., Englewood Cliffs, NJ. All rights reserved. "LG" is a registered trademark of LG Corp.

Table 82: LMU247HV Heating Capacity Table — Ducted Indoor Units (continued).

Connected Indoor Units	Combination Capacity Index	Outdoor Air Temp.		Indoor Air Temp. °F DB											
		°F	°F	61		64		68		70		72		75	
		DB	WB	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
Two (2) Ducted Indoor Units	12 + 18	0	-0.4	11.78	1.75	11.08	1.82	11.09	1.85	10.84	1.87	10.63	1.88	10.18	1.95
		5	4.5	14.30	1.78	13.63	1.85	13.44	1.89	13.15	1.91	12.92	1.92	12.40	1.99
		10	9	15.99	1.81	15.34	1.87	15.00	1.92	14.70	1.94	14.45	1.97	13.88	2.03
		17	15	17.84	1.84	17.22	1.90	16.73	1.96	**16.40**	**1.99**	16.14	2.02	15.52	2.08
		20	19	18.97	1.87	18.36	1.92	17.77	1.99	17.43	2.03	17.16	2.06	16.51	2.11
		25	23	20.84	1.91	20.22	1.97	19.52	2.04	19.15	2.08	18.86	2.11	18.15	2.17
		30	28	22.72	1.96	22.02	2.03	21.26	2.09	20.87	2.14	20.56	2.17	19.80	2.23
		35	32	24.60	2.01	23.82	2.09	23.00	2.14	22.59	2.19	22.26	2.23	21.46	2.28
		40	36	25.85	2.07	25.13	2.15	24.32	2.21	23.90	2.25	23.57	2.29	22.71	2.35
		45	41	27.42	2.15	26.76	2.22	25.98	2.29	25.54	2.33	25.20	2.36	24.28	2.43
		47	43	28.05	2.18	27.42	2.25	26.64	2.32	**26.20**	**2.36**	25.85	2.39	24.91	2.46
		50	46	28.13	2.16	27.56	2.23	26.88	2.29	26.49	2.33	26.18	2.35	25.29	2.42
		55	51	28.27	2.14	27.80	2.19	27.28	2.24	26.97	2.27	26.72	2.29	25.93	2.34
		60	56	28.40	2.12	28.03	2.16	27.69	2.20	27.45	2.21	27.26	2.23	26.56	2.26
		63	59	28.48	2.10	28.17	2.14	27.93	2.17	27.74	2.18	27.59	2.19	26.95	2.21
		68	64	28.57	2.09	28.32	2.12	28.18	2.14	28.03	2.15	27.92	2.15	27.33	2.17
Three (3) Ducted Indoor Units	9 + 9 + 9	0	-0.4	11.78	1.66	11.08	1.72	11.09	1.75	10.84	1.76	10.63	1.78	10.18	1.84
		5	4.5	14.30	1.68	13.63	1.74	13.44	1.78	13.15	1.80	12.92	1.82	12.40	1.88
		10	9	15.99	1.71	15.34	1.77	15.00	1.81	14.70	1.84	14.45	1.86	13.88	1.92
		17	15	17.84	1.74	17.22	1.80	16.73	1.85	**16.40**	**1.88**	16.14	1.91	15.52	1.96
		20	19	18.97	1.76	18.36	1.82	17.77	1.88	17.43	1.91	17.16	1.94	16.51	2.00
		25	23	20.84	1.80	20.22	1.86	19.52	1.93	19.15	1.97	18.86	2.00	18.15	2.05
		30	28	22.72	1.85	22.02	1.92	21.26	1.97	20.87	2.02	20.56	2.05	19.80	2.10
		35	32	24.60	1.90	23.82	1.97	23.00	2.02	22.59	2.07	22.26	2.11	21.46	2.16
		40	36	25.85	1.96	25.13	2.03	24.32	2.08	23.90	2.13	23.57	2.16	22.71	2.22
		45	41	27.42	2.03	26.76	2.10	25.98	2.16	25.54	2.20	25.20	2.23	24.28	2.30
		47	43	28.05	2.06	27.42	2.12	26.64	2.19	**26.20**	**2.23**	25.85	2.26	24.91	2.33
		50	46	28.13	2.04	27.56	2.10	26.88	2.17	26.49	2.20	26.18	2.22	25.29	2.28
		55	51	28.27	2.02	27.80	2.07	27.28	2.12	26.97	2.14	26.72	2.16	25.93	2.21
		60	56	28.40	2.00	28.03	2.04	27.69	2.08	27.45	2.09	27.26	2.10	26.56	2.14
		63	59	28.48	1.99	28.17	2.02	27.93	2.05	27.74	2.06	27.59	2.07	26.95	2.09
		68	64	28.57	1.97	28.32	2.00	28.18	2.02	28.03	2.03	27.92	2.03	27.33	2.05
	9 + 9 + 12	0	-0.4	11.78	1.66	11.08	1.72	11.09	1.75	10.84	1.76	10.63	1.78	10.18	1.84
		5	4.5	14.30	1.68	13.63	1.74	13.44	1.78	13.15	1.80	12.92	1.82	12.40	1.88
		10	9	15.99	1.71	15.34	1.77	15.00	1.81	14.70	1.84	14.45	1.86	13.88	1.92
		17	15	17.84	1.74	17.22	1.80	16.73	1.85	**16.40**	**1.88**	16.14	1.91	15.52	1.96
		20	19	18.97	1.76	18.36	1.82	17.77	1.88	17.43	1.91	17.16	1.94	16.51	2.00
		25	23	20.84	1.80	20.22	1.86	19.52	1.93	19.15	1.97	18.86	2.00	18.15	2.05
		30	28	22.72	1.85	22.02	1.92	21.26	1.97	20.87	2.02	20.56	2.05	19.80	2.10
		35	32	24.60	1.90	23.82	1.97	23.00	2.02	22.59	2.07	22.26	2.11	21.46	2.16
		40	36	25.85	1.96	25.13	2.03	24.32	2.08	23.90	2.13	23.57	2.16	22.71	2.22
		45	41	27.42	2.03	26.76	2.10	25.98	2.16	25.54	2.20	25.20	2.23	24.28	2.30
		47	43	28.05	2.06	27.42	2.12	26.64	2.19	**26.20**	**2.23**	25.85	2.26	24.91	2.33
		50	46	28.13	2.04	27.56	2.10	26.88	2.17	26.49	2.20	26.18	2.22	25.29	2.28
		55	51	28.27	2.02	27.80	2.07	27.28	2.12	26.97	2.14	26.72	2.16	25.93	2.21
		60	56	28.40	2.00	28.03	2.04	27.69	2.08	27.45	2.09	27.26	2.10	26.56	2.14
		63	59	28.48	1.99	28.17	2.02	27.93	2.05	27.74	2.06	27.59	2.07	26.95	2.09
		68	64	28.57	1.97	28.32	2.00	28.18	2.02	28.03	2.03	27.92	2.03	27.33	2.05

TC = Total Capacity (kBtu/h).

PI = Power Input (kW).

Nominal capacity as rated: 0 ft. above sea level with 25 ft. of refrigerant piping.
0 ft. level difference between outdoor and indoor units.

Nominal heating capacity rating obtained with air entering the indoor unit at 70°F dry bulb (DB) and 60°F wet bulb (WB), and outdoor ambient conditions of 47°F dry bulb (DB) and 43°F wet bulb (WB).

Due to our policy of continuous product innovation, some specifications may change without notification.
©LG Electronics U.S.A., Inc., Englewood Cliffs, NJ. All rights reserved. "LG" is a registered trademark of LG Corp.

PERFORMANCE DATA

Heating Capacity Tables

Table 83: LMU247HV Heating Capacity Table — Ducted Indoor Units (continued) / Mixed Indoor Units.

Connected Indoor Units	Combination Capacity Index	Outdoor Air Temp.		Indoor Air Temp. °F DB											
		°F	°F	61		64		68		70		72		75	
		DB	WB	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
Three (3) Ducted Indoor Units	9 + 12 + 12	0	-0.4	11.78	1.66	11.08	1.72	11.09	1.75	10.84	1.76	10.63	1.78	10.18	1.84
		5	4.5	14.30	1.68	13.63	1.74	13.44	1.78	13.15	1.80	12.92	1.82	12.40	1.88
		10	9	15.99	1.71	15.34	1.77	15.00	1.81	14.70	1.84	14.45	1.86	13.88	1.92
		17	15	17.84	1.74	17.22	1.80	16.73	1.85	**16.40**	**1.88**	16.14	1.91	15.52	1.96
		20	19	18.97	1.76	18.36	1.82	17.77	1.88	17.43	1.91	17.16	1.94	16.51	2.00
		25	23	20.84	1.80	20.22	1.86	19.52	1.93	19.15	1.97	18.86	2.00	18.15	2.05
		30	28	22.72	1.85	22.02	1.92	21.26	1.97	20.87	2.02	20.56	2.05	19.80	2.10
		35	32	24.60	1.90	23.82	1.97	23.00	2.02	22.59	2.07	22.26	2.11	21.46	2.16
		40	36	25.85	1.96	25.13	2.03	24.32	2.08	23.90	2.13	23.57	2.16	22.71	2.22
		45	41	27.42	2.03	26.76	2.10	25.98	2.16	25.54	2.20	25.20	2.23	24.28	2.30
		47	43	28.05	2.06	27.42	2.12	26.64	2.19	**26.20**	**2.23**	25.85	2.26	24.91	2.33
		50	46	28.13	2.04	27.56	2.10	26.88	2.17	26.49	2.20	26.18	2.22	25.29	2.28
		55	51	28.27	2.02	27.80	2.07	27.28	2.12	26.97	2.14	26.72	2.16	25.93	2.21
		60	56	28.40	2.00	28.03	2.04	27.69	2.08	27.45	2.09	27.26	2.10	26.56	2.14
		63	59	28.48	1.99	28.17	2.02	27.93	2.05	27.74	2.06	27.59	2.07	26.95	2.09
		68	64	28.57	1.97	28.32	2.00	28.18	2.02	28.03	2.03	27.92	2.03	27.33	2.05
Two (2) Mixed Indoor Units	9 + 9	0	-0.4	8.79	1.45	8.26	1.51	8.28	1.53	8.09	1.55	7.93	1.56	7.60	1.61
		5	4.5	10.78	1.48	10.27	1.53	10.12	1.56	9.91	1.58	9.74	1.60	9.34	1.65
		10	9	12.11	1.50	11.62	1.55	11.36	1.59	11.13	1.61	10.94	1.63	10.51	1.68
		17	15	13.57	1.53	13.10	1.58	12.72	1.63	**12.47**	**1.65**	12.27	1.67	11.80	1.72
		20	19	14.45	1.55	13.99	1.60	13.54	1.65	13.28	1.68	13.07	1.71	12.58	1.75
		25	23	15.93	1.58	15.46	1.63	14.92	1.69	14.64	1.73	14.41	1.75	13.87	1.80
		30	28	17.41	1.63	16.87	1.68	16.29	1.73	15.99	1.77	15.75	1.80	15.17	1.85
		35	32	18.89	1.67	18.29	1.73	17.67	1.78	17.35	1.82	17.09	1.85	16.48	1.90
		40	36	19.85	1.72	19.29	1.78	18.68	1.83	18.36	1.87	18.10	1.90	17.44	1.95
		45	41	21.06	1.78	20.55	1.84	19.95	1.90	19.62	1.93	19.35	1.96	18.65	2.02
		47	43	21.54	1.81	21.06	1.87	20.45	1.93	**20.12**	**1.96**	19.85	1.99	19.13	2.05
		50	46	21.60	1.80	21.16	1.85	20.64	1.90	20.34	1.93	20.10	1.95	19.42	2.01
		55	51	21.71	1.78	21.35	1.82	20.95	1.86	20.71	1.89	20.52	1.90	19.91	1.94
		60	56	21.81	1.76	21.53	1.79	21.26	1.82	21.08	1.84	20.94	1.85	20.40	1.88
		63	59	21.87	1.75	21.64	1.77	21.45	1.80	21.30	1.81	21.18	1.82	20.69	1.84
		68	64	21.94	1.74	21.75	1.76	21.64	1.78	21.53	1.78	21.44	1.79	20.99	1.80
	9 + 12	0	-0.4	10.01	1.63	9.40	1.69	9.42	1.72	9.20	1.74	9.03	1.75	8.65	1.81
		5	4.5	12.27	1.66	11.69	1.72	11.52	1.75	11.28	1.77	11.08	1.79	10.63	1.85
		10	9	13.78	1.68	13.22	1.74	12.93	1.78	12.67	1.81	12.46	1.83	11.96	1.89
		17	15	15.44	1.72	14.91	1.77	14.48	1.83	**14.19**	**1.86**	13.97	1.88	13.43	1.93
		20	19	16.45	1.74	15.93	1.79	15.41	1.85	15.12	1.89	14.88	1.91	14.32	1.97
		25	23	18.13	1.78	17.59	1.83	16.98	1.90	16.66	1.94	16.40	1.97	15.79	2.02
		30	28	19.82	1.83	19.20	1.89	18.54	1.95	18.20	1.99	17.93	2.02	17.27	2.08
		35	32	21.50	1.88	20.82	1.94	20.11	2.00	19.75	2.04	19.46	2.08	18.75	2.13
		40	36	22.60	1.93	21.96	2.00	21.26	2.06	20.89	2.10	20.60	2.13	19.85	2.19
		45	41	23.97	2.00	23.39	2.07	22.70	2.13	22.33	2.17	22.02	2.20	21.22	2.27
		47	43	24.51	2.03	23.97	2.10	23.28	2.16	**22.90**	**2.20**	22.60	2.23	21.77	2.30
		50	46	24.58	2.02	24.09	2.08	23.49	2.14	23.15	2.17	22.88	2.19	22.11	2.25
		55	51	24.70	1.99	24.30	2.04	23.85	2.09	23.57	2.12	23.35	2.14	22.66	2.18
		60	56	24.82	1.97	24.50	2.01	24.20	2.05	23.99	2.06	23.83	2.08	23.22	2.11
		63	59	24.90	1.96	24.63	1.99	24.41	2.02	24.25	2.03	24.11	2.04	23.55	2.06
		68	64	24.97	1.95	24.75	1.97	24.63	2.00	24.50	2.00	24.40	2.01	23.89	2.02

TC = Total Capacity (kBtu/h).

PI = Power Input (kW).

Nominal capacity as rated: 0 ft. above sea level with 25 ft. of refrigerant piping.
0 ft. level difference between outdoor and indoor units.

Nominal heating capacity rating obtained with air entering the indoor unit at 70°F dry bulb (DB) and 60°F wet bulb (WB), and outdoor ambient conditions of 47°F dry bulb (DB) and 43°F wet bulb (WB).

Due to our policy of continuous product innovation, some specifications may change without notification.
©LG Electronics U.S.A., Inc., Englewood Cliffs, NJ. All rights reserved. "LG" is a registered trademark of LG Corp.

Table 84: LMU247HV Heating Capacity Table — Mixed Indoor Units (continued).

Connected Indoor Units	Combination Capacity Index	Outdoor Air Temp.		Indoor Air Temp. °F DB											
		°F	°F	61		64		68		70		72		75	
		DB	WB	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
Two (2) Mixed Indoor Units	12 + 12	0	-0.4	11.49	1.74	10.80	1.80	10.82	1.83	10.57	1.85	10.37	1.86	9.93	1.93
		5	4.5	14.09	1.76	13.42	1.83	13.23	1.87	12.95	1.89	12.73	1.90	12.21	1.97
		10	9	15.82	1.79	15.18	1.85	14.85	1.90	14.55	1.92	14.30	1.95	13.74	2.01
		17	15	17.74	1.82	17.12	1.88	16.63	1.94	**16.30**	**1.97**	16.04	2.00	15.42	2.06
		20	19	18.89	1.85	18.29	1.90	17.70	1.97	17.36	2.01	17.09	2.04	16.44	2.09
		25	23	20.82	1.89	20.21	1.95	19.50	2.02	19.13	2.06	18.84	2.09	18.13	2.15
		30	28	22.76	1.95	22.05	2.01	21.30	2.07	20.91	2.12	20.59	2.15	19.84	2.21
		35	32	24.69	2.00	23.91	2.07	23.09	2.12	22.68	2.17	22.34	2.21	21.54	2.26
		40	36	25.95	2.06	25.22	2.13	24.42	2.19	23.99	2.23	23.66	2.27	22.80	2.33
		45	41	27.52	2.13	26.87	2.20	26.07	2.27	25.64	2.31	25.29	2.34	24.38	2.41
		47	43	28.15	2.16	27.52	2.23	26.74	2.30	**26.30**	**2.34**	25.95	2.37	25.01	2.44
		50	46	28.24	2.14	27.67	2.21	26.98	2.27	26.59	2.31	26.28	2.33	25.39	2.40
		55	51	28.37	2.12	27.90	2.17	27.39	2.23	27.07	2.25	26.82	2.27	26.03	2.32
		60	56	28.51	2.10	28.14	2.14	27.79	2.18	27.56	2.19	27.37	2.21	26.67	2.24
		63	59	28.59	2.09	28.28	2.12	28.04	2.15	27.85	2.16	27.69	2.17	27.05	2.20
		68	64	28.68	2.07	28.42	2.10	28.28	2.12	28.14	2.13	28.02	2.13	27.44	2.15
	9 + 18	0	-0.4	11.49	1.74	10.80	1.80	10.82	1.83	10.57	1.85	10.37	1.86	9.93	1.93
		5	4.5	14.09	1.76	13.42	1.83	13.23	1.87	12.95	1.89	12.73	1.90	12.21	1.97
		10	9	15.82	1.79	15.18	1.85	14.85	1.90	14.55	1.92	14.30	1.95	13.74	2.01
		17	15	17.74	1.82	17.12	1.88	16.63	1.94	**16.30**	**1.97**	16.04	2.00	15.42	2.06
		20	19	18.89	1.85	18.29	1.90	17.70	1.97	17.36	2.01	17.09	2.04	16.44	2.09
		25	23	20.82	1.89	20.21	1.95	19.50	2.02	19.13	2.06	18.84	2.09	18.13	2.15
		30	28	22.76	1.95	22.05	2.01	21.30	2.07	20.91	2.12	20.59	2.15	19.84	2.21
		35	32	24.69	2.00	23.91	2.07	23.09	2.12	22.68	2.17	22.34	2.21	21.54	2.26
		40	36	25.95	2.06	25.22	2.13	24.42	2.19	23.99	2.23	23.66	2.27	22.80	2.33
		45	41	27.52	2.13	26.87	2.20	26.07	2.27	25.64	2.31	25.29	2.34	24.38	2.41
		47	43	28.15	2.16	27.52	2.23	26.74	2.30	**26.30**	**2.34**	25.95	2.37	25.01	2.44
		50	46	28.24	2.14	27.67	2.21	26.98	2.27	26.59	2.31	26.28	2.33	25.39	2.40
		55	51	28.37	2.12	27.90	2.17	27.39	2.23	27.07	2.25	26.82	2.27	26.03	2.32
		60	56	28.51	2.10	28.14	2.14	27.79	2.18	27.56	2.19	27.37	2.21	26.67	2.24
		63	59	28.59	2.09	28.28	2.12	28.04	2.15	27.85	2.16	27.69	2.17	27.05	2.20
		68	64	28.68	2.07	28.42	2.10	28.28	2.12	28.14	2.13	28.02	2.13	27.44	2.15
	12 + 18	0	-0.4	11.49	1.74	10.80	1.80	10.82	1.83	10.57	1.85	10.37	1.86	9.93	1.93
		5	4.5	14.09	1.76	13.42	1.83	13.23	1.87	12.95	1.89	12.73	1.90	12.21	1.97
		10	9	15.82	1.79	15.18	1.85	14.85	1.90	14.55	1.92	14.30	1.95	13.74	2.01
		17	15	17.74	1.82	17.12	1.88	16.63	1.94	**16.30**	**1.97**	16.04	2.00	15.42	2.06
		20	19	18.89	1.85	18.29	1.90	17.70	1.97	17.36	2.01	17.09	2.04	16.44	2.09
		25	23	20.82	1.89	20.21	1.95	19.50	2.02	19.13	2.06	18.84	2.09	18.13	2.15
		30	28	22.76	1.95	22.05	2.01	21.30	2.07	20.91	2.12	20.59	2.15	19.84	2.21
		35	32	24.69	2.00	23.91	2.07	23.09	2.12	22.68	2.17	22.34	2.21	21.54	2.26
		40	36	25.95	2.06	25.22	2.13	24.42	2.19	23.99	2.23	23.66	2.27	22.80	2.33
		45	41	27.52	2.13	26.87	2.20	26.07	2.27	25.64	2.31	25.29	2.34	24.38	2.41
		47	43	28.15	2.16	27.52	2.23	26.74	2.30	**26.30**	**2.34**	25.95	2.37	25.01	2.44
		50	46	28.24	2.14	27.67	2.21	26.98	2.27	26.59	2.31	26.28	2.33	25.39	2.40
		55	51	28.37	2.12	27.90	2.17	27.39	2.23	27.07	2.25	26.82	2.27	26.03	2.32
		60	56	28.51	2.10	28.14	2.14	27.79	2.18	27.56	2.19	27.37	2.21	26.67	2.24
		63	59	28.59	2.09	28.28	2.12	28.04	2.15	27.85	2.16	27.69	2.17	27.05	2.20
		68	64	28.68	2.07	28.42	2.10	28.28	2.12	28.14	2.13	28.02	2.13	27.44	2.15

TC = Total Capacity (kBtu/h).

PI = Power Input (kW).

Nominal capacity as rated: 0 ft. above sea level with 25 ft. of refrigerant piping.
0 ft. level difference between outdoor and indoor units.

Nominal heating capacity rating obtained with air entering the indoor unit at 70°F dry bulb (DB) and 60°F wet bulb (WB), and outdoor ambient conditions of 47°F dry bulb (DB) and 43°F wet bulb (WB).

Due to our policy of continuous product innovation, some specifications may change without notification.
©LG Electronics U.S.A., Inc., Englewood Cliffs, NJ. All rights reserved. "LG" is a registered trademark of LG Corp.

PERFORMANCE DATA

Heating Capacity Tables

Table 85: LMU247HV Heating Capacity Table — Mixed Indoor Units (continued).

Connected Indoor Units	Combination Capacity Index	Outdoor Air Temp.		Indoor Air Temp. °F DB											
		°F	°F	61		64		68		70		72		75	
		DB	WB	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
Three (3) Mixed Indoor Units	9 + 9 + 9	0	-0.4	11.49	1.65	10.80	1.71	10.82	1.74	10.57	1.75	10.37	1.76	9.93	1.83
		5	4.5	14.09	1.67	13.42	1.73	13.23	1.77	12.95	1.79	12.73	1.81	12.21	1.87
		10	9	15.82	1.70	15.18	1.76	14.85	1.80	14.55	1.83	14.30	1.85	13.74	1.90
		17	15	17.74	1.73	17.12	1.79	16.63	1.84	**16.30**	**1.87**	16.04	1.90	15.42	1.95
		20	19	18.89	1.75	18.29	1.81	17.70	1.87	17.36	1.90	17.09	1.93	16.44	1.98
		25	23	20.82	1.80	20.21	1.85	19.50	1.92	19.13	1.96	18.84	1.99	18.13	2.04
		30	28	22.76	1.85	22.05	1.91	21.30	1.96	20.91	2.01	20.59	2.04	19.84	2.09
		35	32	24.69	1.89	23.91	1.96	23.09	2.01	22.68	2.06	22.34	2.10	21.54	2.15
		40	36	25.95	1.95	25.22	2.02	24.42	2.07	23.99	2.12	23.66	2.15	22.80	2.21
		45	41	27.52	2.02	26.87	2.09	26.07	2.15	25.64	2.19	25.29	2.22	24.38	2.29
		47	43	28.15	2.05	27.52	2.11	26.74	2.18	**26.30**	**2.22**	25.95	2.25	25.01	2.32
		50	46	28.24	2.03	27.67	2.10	26.98	2.16	26.59	2.19	26.28	2.21	25.39	2.27
		55	51	28.37	2.01	27.90	2.06	27.39	2.11	27.07	2.14	26.82	2.15	26.03	2.20
		60	56	28.51	1.99	28.14	2.03	27.79	2.07	27.56	2.08	27.37	2.09	26.67	2.13
		63	59	28.59	1.98	28.28	2.01	28.04	2.04	27.85	2.05	27.69	2.06	27.05	2.08
		68	64	28.68	1.97	28.42	1.99	28.28	2.01	28.14	2.02	28.02	2.02	27.44	2.04
	9 + 9 + 12	0	-0.4	11.49	1.65	10.80	1.71	10.82	1.74	10.57	1.75	10.37	1.76	9.93	1.83
		5	4.5	14.09	1.67	13.42	1.73	13.23	1.77	12.95	1.79	12.73	1.81	12.21	1.87
		10	9	15.82	1.70	15.18	1.76	14.85	1.80	14.55	1.83	14.30	1.85	13.74	1.90
		17	15	17.74	1.73	17.12	1.79	16.63	1.84	**16.30**	**1.87**	16.04	1.90	15.42	1.95
		20	19	18.89	1.75	18.29	1.81	17.70	1.87	17.36	1.90	17.09	1.93	16.44	1.98
		25	23	20.82	1.80	20.21	1.85	19.50	1.92	19.13	1.96	18.84	1.99	18.13	2.04
		30	28	22.76	1.85	22.05	1.91	21.30	1.96	20.91	2.01	20.59	2.04	19.84	2.09
		35	32	24.69	1.89	23.91	1.96	23.09	2.01	22.68	2.06	22.34	2.10	21.54	2.15
		40	36	25.95	1.95	25.22	2.02	24.42	2.07	23.99	2.12	23.66	2.15	22.80	2.21
		45	41	27.52	2.02	26.87	2.09	26.07	2.15	25.64	2.19	25.29	2.22	24.38	2.29
		47	43	28.15	2.05	27.52	2.11	26.74	2.18	**26.30**	**2.22**	25.95	2.25	25.01	2.32
		50	46	28.24	2.03	27.67	2.10	26.98	2.16	26.59	2.19	26.28	2.21	25.39	2.27
		55	51	28.37	2.01	27.90	2.06	27.39	2.11	27.07	2.14	26.82	2.15	26.03	2.20
		60	56	28.51	1.99	28.14	2.03	27.79	2.07	27.56	2.08	27.37	2.09	26.67	2.13
		63	59	28.59	1.98	28.28	2.01	28.04	2.04	27.85	2.05	27.69	2.06	27.05	2.08
		68	64	28.68	1.97	28.42	1.99	28.28	2.01	28.14	2.02	28.02	2.02	27.44	2.04
	9 + 12 + 12	0	-0.4	11.49	1.65	10.80	1.71	10.82	1.74	10.57	1.75	10.37	1.76	9.93	1.83
		5	4.5	14.09	1.67	13.42	1.73	13.23	1.77	12.95	1.79	12.73	1.81	12.21	1.87
		10	9	15.82	1.70	15.18	1.76	14.85	1.80	14.55	1.83	14.30	1.85	13.74	1.90
		17	15	17.74	1.73	17.12	1.79	16.63	1.84	**16.30**	**1.87**	16.04	1.90	15.42	1.95
		20	19	18.89	1.75	18.29	1.81	17.70	1.87	17.36	1.90	17.09	1.93	16.44	1.98
		25	23	20.82	1.80	20.21	1.85	19.50	1.92	19.13	1.96	18.84	1.99	18.13	2.04
		30	28	22.76	1.85	22.05	1.91	21.30	1.96	20.91	2.01	20.59	2.04	19.84	2.09
		35	32	24.69	1.89	23.91	1.96	23.09	2.01	22.68	2.06	22.34	2.10	21.54	2.15
		40	36	25.95	1.95	25.22	2.02	24.42	2.07	23.99	2.12	23.66	2.15	22.80	2.21
		45	41	27.52	2.02	26.87	2.09	26.07	2.15	25.64	2.19	25.29	2.22	24.38	2.29
		47	43	28.15	2.05	27.52	2.11	26.74	2.18	**26.30**	**2.22**	25.95	2.25	25.01	2.32
		50	46	28.24	2.03	27.67	2.10	26.98	2.16	26.59	2.19	26.28	2.21	25.39	2.27
		55	51	28.37	2.01	27.90	2.06	27.39	2.11	27.07	2.14	26.82	2.15	26.03	2.20
		60	56	28.51	1.99	28.14	2.03	27.79	2.07	27.56	2.08	27.37	2.09	26.67	2.13
		63	59	28.59	1.98	28.28	2.01	28.04	2.04	27.85	2.05	27.69	2.06	27.05	2.08
		68	64	28.68	1.97	28.42	1.99	28.28	2.01	28.14	2.02	28.02	2.02	27.44	2.04

TC = Total Capacity (kBtu/h).

PI = Power Input (kW).

Nominal capacity as rated: 0 ft. above sea level with 25 ft. of refrigerant piping.
0 ft. level difference between outdoor and indoor units.

Nominal heating capacity rating obtained with air entering the indoor unit at 70°F dry bulb (DB) and 60°F wet bulb (WB), and outdoor ambient conditions of 47°F dry bulb (DB) and 43°F wet bulb (WB).

Due to our policy of continuous product innovation, some specifications may change without notification.
©LG Electronics U.S.A., Inc., Englewood Cliffs, NJ. All rights reserved. "LG" is a registered trademark of LG Corp.

PERFORMANCE DATA

Heating Capacity Tables

Table 86: LMU369HV Heating Capacity Table — Non-Ducted Indoor Units.

Connected Indoor Units	Combination Capacity Index	Outdoor Air Temp.		Indoor Air Temp. °F DB											
		°F	°F	61		64		68		70		72		75	
		DB	WB	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
Two (2) Non-Ducted Indoor Units	9 + 9	0	-0.4	9.66	1.37	9.09	1.42	9.09	1.44	8.89	1.45	8.72	1.46	8.35	1.51
		5	4.5	11.58	1.41	11.04	1.46	10.88	1.49	10.65	1.51	10.46	1.52	10.04	1.58
		10	9	12.87	1.46	12.35	1.51	12.07	1.54	11.83	1.57	11.63	1.58	11.17	1.63
		17	15	14.28	1.51	13.79	1.56	13.39	1.61	**13.13**	**1.64**	12.92	1.66	12.42	1.71
		20	19	15.14	1.55	14.66	1.60	14.19	1.66	13.91	1.69	13.70	1.71	13.18	1.76
		25	23	16.57	1.62	16.08	1.67	15.52	1.73	15.23	1.77	14.99	1.80	14.43	1.84
		30	28	18.00	1.70	17.45	1.76	16.85	1.81	16.54	1.85	16.29	1.88	15.69	1.93
		35	32	19.43	1.78	18.82	1.84	18.17	1.89	17.85	1.93	17.59	1.97	16.95	2.01
		40	36	20.42	1.83	19.85	1.89	19.22	1.94	18.89	1.98	18.62	2.02	17.94	2.07
		45	41	21.66	1.89	21.15	1.96	20.52	2.02	20.18	2.05	19.91	2.08	19.19	2.14
		47	43	22.16	1.92	21.66	1.98	21.04	2.04	**20.70**	**2.08**	20.42	2.11	19.68	2.17
		50	46	22.22	1.91	21.77	1.96	21.24	2.02	20.93	2.05	20.68	2.07	19.98	2.13
		55	51	22.33	1.89	21.96	1.93	21.56	1.98	21.31	2.00	21.11	2.02	20.49	2.06
		60	56	22.44	1.87	22.15	1.90	21.88	1.94	21.69	1.95	21.54	1.96	20.99	1.99
		63	59	22.51	1.85	22.26	1.88	22.07	1.91	21.92	1.92	21.80	1.93	21.29	1.95
		68	64	22.57	1.84	22.37	1.87	22.26	1.89	22.15	1.89	22.06	1.90	21.59	1.91
	9 + 12	0	-0.4	11.27	1.67	10.60	1.73	10.61	1.76	10.37	1.77	10.17	1.78	9.74	1.85
		5	4.5	13.51	1.73	12.88	1.79	12.69	1.82	12.42	1.84	12.21	1.86	11.71	1.92
		10	9	15.01	1.78	14.41	1.84	14.09	1.89	13.80	1.91	13.57	1.93	13.04	1.99
		17	15	16.66	1.85	16.08	1.91	15.62	1.97	**15.31**	**2.00**	15.07	2.03	14.49	2.09
		20	19	17.66	1.90	17.10	1.96	16.55	2.02	16.23	2.06	15.98	2.09	15.37	2.15
		25	23	19.33	1.98	18.76	2.04	18.11	2.12	17.76	2.16	17.49	2.19	16.83	2.25
		30	28	21.00	2.08	20.35	2.14	19.65	2.21	19.29	2.26	19.00	2.30	18.31	2.35
		35	32	22.67	2.17	21.95	2.25	21.20	2.30	20.82	2.36	20.52	2.40	19.78	2.46
		40	36	23.83	2.23	23.16	2.31	22.42	2.37	22.03	2.42	21.72	2.46	20.94	2.53
		45	41	25.27	2.31	24.67	2.39	23.94	2.46	23.55	2.51	23.23	2.54	22.38	2.62
		47	43	25.85	2.34	25.27	2.42	24.55	2.50	**24.15**	**2.54**	23.83	2.57	22.96	2.65
		50	46	25.93	2.33	25.40	2.40	24.78	2.47	24.42	2.50	24.13	2.53	23.31	2.60
		55	51	26.05	2.30	25.62	2.36	25.15	2.42	24.86	2.44	24.63	2.47	23.90	2.52
		60	56	26.18	2.28	25.84	2.32	25.52	2.36	25.30	2.38	25.13	2.40	24.49	2.43
		63	59	26.26	2.26	25.97	2.30	25.75	2.33	25.57	2.35	25.43	2.36	24.84	2.38
		68	64	26.33	2.25	26.10	2.28	25.97	2.30	25.84	2.31	25.73	2.32	25.19	2.33
	12 + 12	0	-0.4	12.88	1.70	12.11	1.77	12.12	1.79	11.85	1.81	11.63	1.82	11.13	1.88
		5	4.5	15.44	1.76	14.72	1.82	14.50	1.86	14.20	1.88	13.95	1.90	13.39	1.96
		10	9	17.16	1.81	16.46	1.88	16.10	1.92	15.77	1.95	15.51	1.97	14.90	2.03
		17	15	19.04	1.89	18.38	1.95	17.85	2.01	**17.50**	**2.04**	17.22	2.07	16.56	2.13
		20	19	20.19	1.93	19.54	1.99	18.92	2.06	18.55	2.10	18.26	2.13	17.57	2.19
		25	23	22.09	2.02	21.44	2.08	20.69	2.16	20.30	2.20	19.99	2.24	19.23	2.30
		30	28	24.00	2.12	23.26	2.19	22.46	2.25	22.05	2.30	21.72	2.34	20.92	2.40
		35	32	25.91	2.21	25.09	2.29	24.23	2.35	23.80	2.40	23.45	2.45	22.60	2.51
		40	36	27.23	2.28	26.47	2.35	25.62	2.42	25.18	2.47	24.83	2.51	23.93	2.58
		45	41	28.88	2.36	28.19	2.43	27.36	2.51	26.91	2.56	26.55	2.59	25.58	2.67
		47	43	29.54	2.39	28.88	2.47	28.06	2.55	**27.60**	**2.59**	27.23	2.63	26.24	2.70
		50	46	29.63	2.37	29.03	2.44	28.31	2.52	27.90	2.55	27.58	2.58	26.64	2.65
		55	51	29.78	2.35	29.28	2.41	28.74	2.46	28.41	2.49	28.15	2.51	27.31	2.57
		60	56	29.92	2.32	29.53	2.37	29.17	2.41	28.92	2.43	28.72	2.44	27.98	2.48
		63	59	30.01	2.31	29.68	2.35	29.42	2.38	29.22	2.39	29.06	2.40	28.39	2.43
		68	64	30.09	2.29	29.83	2.32	29.68	2.35	29.53	2.36	29.41	2.36	28.79	2.38

TC = Total Capacity (kBtu/h).

PI = Power Input (kW).

Nominal capacity as rated: 0 ft. above sea level with 25 ft. of refrigerant piping.
0 ft. level difference between outdoor and indoor units.

Nominal heating capacity rating obtained with air entering the indoor unit at 70°F dry bulb (DB) and 60°F wet bulb (WB), and outdoor ambient conditions of 47°F dry bulb (DB) and 43°F wet bulb (WB).

Due to our policy of continuous product innovation, some specifications may change without notification.
©LG Electronics U.S.A., Inc., Englewood Cliffs, NJ. All rights reserved. "LG" is a registered trademark of LG Corp.

PERFORMANCE DATA

Heating Capacity Tables

Table 87: LMU369HV Heating Capacity Table — Non-Ducted Indoor Units.

Connected Indoor Units	Combination Capacity Index	Outdoor Air Temp.		Indoor Air Temp. °F DB											
		°F	°F	61		64		68		70		72		75	
		DB	WB	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
Two (2) Non-Ducted Indoor Units	9 + 18	0	-0.4	14.49	1.90	13.63	1.98	13.64	2.01	13.33	2.02	13.08	2.04	12.52	2.11
		5	4.5	17.37	1.97	16.56	2.04	16.32	2.08	15.97	2.11	15.70	2.12	15.06	2.20
		10	9	19.30	2.03	18.52	2.10	18.11	2.15	17.74	2.18	17.45	2.21	16.76	2.28
		17	15	21.42	2.11	20.68	2.18	20.08	2.25	**19.69**	**2.28**	19.38	2.31	18.63	2.38
		20	19	22.71	2.17	21.99	2.23	21.28	2.31	20.87	2.35	20.54	2.39	19.76	2.45
		25	23	24.85	2.26	24.12	2.33	23.28	2.42	22.84	2.47	22.49	2.50	21.64	2.57
		30	28	27.00	2.37	26.17	2.45	25.27	2.52	24.81	2.58	24.43	2.62	23.54	2.69
		35	32	29.15	2.48	28.22	2.56	27.26	2.63	26.77	2.69	26.38	2.74	25.43	2.81
		40	36	30.64	2.55	29.78	2.64	28.83	2.71	28.33	2.77	27.93	2.81	26.92	2.89
		45	41	32.49	2.64	31.72	2.73	30.78	2.81	30.27	2.86	29.86	2.90	28.78	2.99
		47	43	33.24	2.67	32.49	2.76	31.57	2.85	**31.05**	**2.90**	30.64	2.94	29.52	3.03
		50	46	33.33	2.66	32.66	2.74	31.85	2.82	31.39	2.86	31.02	2.89	29.98	2.97
		55	51	33.50	2.63	32.94	2.69	32.33	2.76	31.96	2.79	31.67	2.81	30.73	2.87
		60	56	33.66	2.60	33.22	2.65	32.81	2.70	32.53	2.72	32.31	2.74	31.48	2.78
		63	59	33.76	2.58	33.39	2.63	33.10	2.67	32.87	2.68	32.69	2.69	31.93	2.72
		68	64	33.86	2.57	33.56	2.60	33.39	2.63	33.22	2.64	33.08	2.64	32.39	2.67
	12 + 18	0	-0.4	16.10	2.11	15.14	2.19	15.16	2.23	14.81	2.25	14.53	2.26	13.92	2.34
		5	4.5	19.30	2.19	18.40	2.27	18.13	2.31	17.75	2.34	17.44	2.36	16.73	2.44
		10	9	21.45	2.25	20.58	2.33	20.12	2.39	19.71	2.42	19.39	2.45	18.62	2.53
		17	15	23.81	2.35	22.98	2.42	22.32	2.49	**21.88**	**2.54**	21.53	2.57	20.70	2.64
		20	19	25.23	2.41	24.43	2.48	23.64	2.56	23.19	2.61	22.83	2.65	21.96	2.72
		25	23	27.62	2.51	26.80	2.59	25.86	2.68	25.38	2.74	24.98	2.78	24.04	2.85
		30	28	30.00	2.63	29.08	2.72	28.08	2.80	27.56	2.86	27.15	2.91	26.15	2.99
		35	32	32.39	2.75	31.36	2.85	30.29	2.92	29.75	2.99	29.31	3.04	28.25	3.12
		40	36	34.04	2.83	33.08	2.93	32.03	3.01	31.48	3.07	31.03	3.12	29.91	3.21
		45	41	36.10	2.93	35.24	3.03	34.20	3.12	33.64	3.18	33.18	3.22	31.98	3.32
		47	43	36.93	2.97	36.10	3.07	35.07	3.17	**34.50**	**3.22**	34.04	3.26	32.80	3.36
		50	46	37.04	2.95	36.29	3.04	35.39	3.13	34.88	3.17	34.47	3.21	33.31	3.30
		55	51	37.22	2.92	36.60	2.99	35.93	3.06	35.51	3.10	35.18	3.12	34.14	3.19
		60	56	37.40	2.89	36.91	2.94	36.46	3.00	36.15	3.02	35.90	3.04	34.98	3.09
		63	59	37.51	2.87	37.10	2.92	36.78	2.96	36.53	2.97	36.33	2.99	35.48	3.02
		68	64	37.62	2.85	37.29	2.89	37.10	2.92	36.91	2.93	36.76	2.94	35.99	2.96
	18 + 18	0	-0.4	17.73	2.32	16.68	2.41	16.69	2.44	16.31	2.46	16.01	2.48	15.33	2.57
		5	4.5	21.26	2.40	20.27	2.48	19.97	2.54	19.55	2.56	19.21	2.59	18.43	2.67
		10	9	23.62	2.47	22.67	2.56	22.17	2.62	21.71	2.66	21.35	2.69	20.51	2.77
		17	15	26.22	2.57	25.31	2.65	24.58	2.74	**24.10**	**2.78**	23.71	2.82	22.80	2.90
		20	19	27.79	2.64	26.91	2.72	26.04	2.81	25.54	2.86	25.14	2.90	24.19	2.99
		25	23	30.42	2.75	29.52	2.83	28.49	2.94	27.95	3.00	27.52	3.05	26.48	3.13
		30	28	33.05	2.88	32.03	2.98	30.93	3.07	30.36	3.14	29.90	3.19	28.80	3.27
		35	32	35.68	3.01	34.54	3.12	33.36	3.20	32.77	3.28	32.29	3.34	31.12	3.42
		40	36	37.50	3.10	36.44	3.21	35.28	3.30	34.67	3.37	34.18	3.42	32.94	3.51
		45	41	39.77	3.21	38.82	3.32	37.67	3.42	37.05	3.48	36.55	3.53	35.22	3.64
		47	43	40.68	3.26	39.77	3.36	38.63	3.47	**38.00**	**3.53**	37.50	3.58	36.13	3.69
		50	46	40.80	3.23	39.97	3.33	38.98	3.43	38.42	3.48	37.97	3.52	36.68	3.62
		55	51	41.00	3.20	40.32	3.28	39.57	3.36	39.12	3.40	38.75	3.43	37.61	3.50
		60	56	41.19	3.17	40.66	3.23	40.16	3.29	39.81	3.31	39.54	3.33	38.53	3.38
		63	59	41.31	3.15	40.86	3.20	40.51	3.24	40.23	3.26	40.01	3.27	39.08	3.31
		68	64	41.43	3.13	41.07	3.17	40.87	3.20	40.66	3.21	40.49	3.22	39.64	3.24

TC = Total Capacity (kBtu/h).

PI = Power Input (kW).

Nominal capacity as rated: 0 ft. above sea level with 25 ft. of refrigerant piping.
0 ft. level difference between outdoor and indoor units.

Nominal heating capacity rating obtained with air entering the indoor unit at 70°F dry bulb (DB) and 60°F wet bulb (WB), and outdoor ambient conditions of 47°F dry bulb (DB) and 43°F wet bulb (WB).

Due to our policy of continuous product innovation, some specifications may change without notification.
©LG Electronics U.S.A., Inc., Englewood Cliffs, NJ. All rights reserved. "LG" is a registered trademark of LG Corp.

PERFORMANCE DATA

Heating Capacity Tables

Table 88: LMU369HV Heating Capacity Table — Non-Ducted Indoor Units.

Connected Indoor Units	Combination Capacity Index	Outdoor Air Temp.		Indoor Air Temp. °F DB											
		°F	°F	61		64		68		70		72		75	
		DB	WB	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
Three (3) Non-Ducted Indoor Units	9 + 9 + 9	0	-0.4	14.49	1.90	13.63	1.98	13.64	2.01	13.33	2.02	13.08	2.04	12.52	2.11
		5	4.5	17.37	1.97	16.56	2.04	16.32	2.08	15.97	2.11	15.70	2.12	15.06	2.20
		10	9	19.30	2.03	18.52	2.10	18.11	2.15	17.74	2.18	17.45	2.21	16.76	2.28
		17	15	21.42	2.11	20.68	2.18	20.08	2.25	**19.69**	**2.28**	19.38	2.31	18.63	2.38
		20	19	22.71	2.17	21.99	2.23	21.28	2.31	20.87	2.35	20.54	2.39	19.76	2.45
		25	23	24.85	2.26	24.12	2.33	23.28	2.42	22.84	2.47	22.49	2.50	21.64	2.57
		30	28	27.00	2.37	26.17	2.45	25.27	2.52	24.81	2.58	24.43	2.62	23.54	2.69
		35	32	29.15	2.48	28.22	2.56	27.26	2.63	26.77	2.69	26.38	2.74	25.43	2.81
		40	36	30.64	2.55	29.78	2.64	28.83	2.71	28.33	2.77	27.93	2.81	26.92	2.89
		45	41	32.49	2.64	31.72	2.73	30.78	2.81	30.27	2.86	29.86	2.90	28.78	2.99
		47	43	33.24	2.67	32.49	2.76	31.57	2.85	**31.05**	**2.90**	30.64	2.94	29.52	3.03
		50	46	33.33	2.66	32.66	2.74	31.85	2.82	31.39	2.86	31.02	2.89	29.98	2.97
		55	51	33.50	2.63	32.94	2.69	32.33	2.76	31.96	2.79	31.67	2.81	30.73	2.87
		60	56	33.66	2.60	33.22	2.65	32.81	2.70	32.53	2.72	32.31	2.74	31.48	2.78
		63	59	33.76	2.58	33.39	2.63	33.10	2.67	32.87	2.68	32.69	2.69	31.93	2.72
		68	64	33.86	2.57	33.56	2.60	33.39	2.63	33.22	2.64	33.08	2.64	32.39	2.67
	9 + 9 + 12	0	-0.4	16.10	2.11	15.14	2.19	15.16	2.23	14.81	2.25	14.53	2.26	13.92	2.34
		5	4.5	19.30	2.19	18.40	2.27	18.13	2.31	17.75	2.34	17.44	2.36	16.73	2.44
		10	9	21.45	2.25	20.58	2.33	20.12	2.39	19.71	2.42	19.39	2.45	18.62	2.53
		17	15	23.81	2.35	22.98	2.42	22.32	2.49	**21.88**	**2.54**	21.53	2.57	20.70	2.64
		20	19	25.23	2.41	24.43	2.48	23.64	2.56	23.19	2.61	22.83	2.65	21.96	2.72
		25	23	27.62	2.51	26.80	2.59	25.86	2.68	25.38	2.74	24.98	2.78	24.04	2.85
		30	28	30.00	2.63	29.08	2.72	28.08	2.80	27.56	2.86	27.15	2.91	26.15	2.99
		35	32	32.39	2.75	31.36	2.85	30.29	2.92	29.75	2.99	29.31	3.04	28.25	3.12
		40	36	34.04	2.83	33.08	2.93	32.03	3.01	31.48	3.07	31.03	3.12	29.91	3.21
		45	41	36.10	2.93	35.24	3.03	34.20	3.12	33.64	3.18	33.18	3.22	31.98	3.32
		47	43	36.93	2.97	36.10	3.07	35.07	3.17	**34.50**	**3.22**	34.04	3.26	32.80	3.36
		50	46	37.04	2.95	36.29	3.04	35.39	3.13	34.88	3.17	34.47	3.21	33.31	3.30
		55	51	37.22	2.92	36.60	2.99	35.93	3.06	35.51	3.10	35.18	3.12	34.14	3.19
		60	56	37.40	2.89	36.91	2.94	36.46	3.00	36.15	3.02	35.90	3.04	34.98	3.09
		63	59	37.51	2.87	37.10	2.92	36.78	2.96	36.53	2.97	36.33	2.99	35.48	3.02
		68	64	37.62	2.85	37.29	2.89	37.10	2.92	36.91	2.93	36.76	2.94	35.99	2.96
	9 + 12 + 12	0	-0.4	17.71	2.23	16.66	2.32	16.67	2.35	16.29	2.37	15.98	2.39	15.31	2.47
		5	4.5	21.23	2.31	20.24	2.39	19.94	2.44	19.52	2.47	19.18	2.49	18.41	2.57
		10	9	23.59	2.38	22.64	2.46	22.14	2.52	21.69	2.56	21.32	2.59	20.49	2.67
		17	15	26.19	2.48	25.27	2.56	24.55	2.63	**24.07**	**2.68**	23.68	2.71	22.77	2.79
		20	19	27.76	2.54	26.87	2.62	26.01	2.71	25.51	2.76	25.11	2.80	24.15	2.88
		25	23	30.38	2.65	29.48	2.73	28.45	2.83	27.91	2.89	27.48	2.94	26.45	3.01
		30	28	33.00	2.78	31.98	2.87	30.88	2.96	30.32	3.02	29.86	3.07	28.77	3.15
		35	32	35.63	2.90	34.50	3.01	33.32	3.08	32.72	3.16	32.24	3.21	31.08	3.29
		40	36	37.45	2.99	36.39	3.09	35.23	3.18	34.62	3.24	34.13	3.30	32.90	3.38
		45	41	39.72	3.09	38.77	3.20	37.62	3.30	37.00	3.36	36.50	3.40	35.17	3.50
		47	43	40.62	3.14	39.72	3.24	38.58	3.34	**37.95**	**3.40**	37.45	3.45	36.08	3.55
		50	46	40.74	3.12	39.92	3.21	38.93	3.30	38.37	3.35	37.92	3.39	36.64	3.48
		55	51	40.94	3.08	40.26	3.16	39.52	3.23	39.07	3.27	38.70	3.30	37.56	3.37
		60	56	41.14	3.05	40.60	3.11	40.11	3.17	39.76	3.19	39.49	3.21	38.48	3.26
		63	59	41.26	3.03	40.81	3.08	40.46	3.12	40.18	3.14	39.96	3.15	39.03	3.19
		68	64	41.38	3.01	41.02	3.05	40.81	3.08	40.60	3.09	40.44	3.10	39.59	3.13

TC = Total Capacity (kBtu/h).

PI = Power Input (kW).

Nominal capacity as rated: 0 ft. above sea level with 25 ft. of refrigerant piping.
0 ft. level difference between outdoor and indoor units.

Nominal heating capacity rating obtained with air entering the indoor unit at 70°F dry bulb (DB) and 60°F wet bulb (WB), and outdoor ambient conditions of 47°F dry bulb (DB) and 43°F wet bulb (WB).

Due to our policy of continuous product innovation, some specifications may change without notification.
©LG Electronics U.S.A., Inc., Englewood Cliffs, NJ. All rights reserved. "LG" is a registered trademark of LG Corp.

PERFORMANCE DATA

Heating Capacity Tables

Table 89: LMU369HV Heating Capacity Table — Non-Ducted Indoor Units (continued).

Connected Indoor Units	Combination Capacity Index	Outdoor Air Temp.		Indoor Air Temp. °F DB											
		°F	°F	61		64		68		70		72		75	
		DB	WB	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
Three (3) Non-Ducted Indoor Units	12 + 12 + 12	0	-0.4	19.13	2.35	18.00	2.44	18.01	2.48	17.60	2.50	17.27	2.51	16.54	2.60
		5	4.5	22.94	2.43	21.87	2.52	21.55	2.57	21.09	2.60	20.72	2.62	19.89	2.71
		10	9	25.49	2.51	24.46	2.59	23.92	2.66	23.43	2.69	23.04	2.72	22.13	2.81
		17	15	28.29	2.61	27.31	2.69	26.52	2.77	**26.00**	**2.82**	25.58	2.86	24.60	2.94
		20	19	29.99	2.67	29.03	2.76	28.10	2.85	27.56	2.90	27.13	2.95	26.10	3.03
		25	23	32.82	2.79	31.85	2.87	30.74	2.98	30.16	3.04	29.69	3.09	28.57	3.17
		30	28	35.66	2.92	34.55	3.02	33.37	3.11	32.75	3.18	32.26	3.24	31.08	3.32
		35	32	38.49	3.06	37.27	3.16	36.00	3.25	35.35	3.32	34.83	3.38	33.58	3.46
		40	36	40.46	3.14	39.32	3.25	38.07	3.35	37.41	3.42	36.88	3.47	35.54	3.56
		45	41	42.91	3.26	41.88	3.37	40.65	3.47	39.97	3.53	39.43	3.58	38.00	3.69
		47	43	43.89	3.30	42.91	3.41	41.68	3.52	**41.00**	**3.58**	40.46	3.63	38.98	3.74
		50	46	44.02	3.28	43.13	3.38	42.06	3.48	41.45	3.53	40.96	3.57	39.58	3.67
		55	51	44.23	3.25	43.50	3.33	42.69	3.40	42.20	3.44	41.81	3.47	40.58	3.55
		60	56	44.45	3.21	43.87	3.27	43.33	3.33	42.96	3.36	42.66	3.38	41.57	3.43
		63	59	44.58	3.19	44.09	3.24	43.71	3.29	43.41	3.31	43.17	3.32	42.17	3.36
		68	64	44.70	3.17	44.31	3.21	44.09	3.25	43.87	3.26	43.69	3.26	42.77	3.29
	9 + 9 + 18	0	-0.4	19.13	2.35	18.00	2.44	18.01	2.48	17.60	2.50	17.27	2.51	16.54	2.60
		5	4.5	22.94	2.43	21.87	2.52	21.55	2.57	21.09	2.60	20.72	2.62	19.89	2.71
		10	9	25.49	2.51	24.46	2.59	23.92	2.66	23.43	2.69	23.04	2.72	22.13	2.81
		17	15	28.29	2.61	27.31	2.69	26.52	2.77	**26.00**	**2.82**	25.58	2.86	24.60	2.94
		20	19	29.99	2.67	29.03	2.76	28.10	2.85	27.56	2.90	27.13	2.95	26.10	3.03
		25	23	32.82	2.79	31.85	2.87	30.74	2.98	30.16	3.04	29.69	3.09	28.57	3.17
		30	28	35.66	2.92	34.55	3.02	33.37	3.11	32.75	3.18	32.26	3.24	31.08	3.32
		35	32	38.49	3.06	37.27	3.16	36.00	3.25	35.35	3.32	34.83	3.38	33.58	3.46
		40	36	40.46	3.14	39.32	3.25	38.07	3.35	37.41	3.42	36.88	3.47	35.54	3.56
		45	41	42.91	3.26	41.88	3.37	40.65	3.47	39.97	3.53	39.43	3.58	38.00	3.69
		47	43	43.89	3.30	42.91	3.41	41.68	3.52	**41.00**	**3.58**	40.46	3.63	38.98	3.74
		50	46	44.02	3.28	43.13	3.38	42.06	3.48	41.45	3.53	40.96	3.57	39.58	3.67
		55	51	44.23	3.25	43.50	3.33	42.69	3.40	42.20	3.44	41.81	3.47	40.58	3.55
		60	56	44.45	3.21	43.87	3.27	43.33	3.33	42.96	3.36	42.66	3.38	41.57	3.43
		63	59	44.58	3.19	44.09	3.24	43.71	3.29	43.41	3.31	43.17	3.32	42.17	3.36
		68	64	44.70	3.17	44.31	3.21	44.09	3.25	43.87	3.26	43.69	3.26	42.77	3.29
	9 + 12 + 18	0	-0.4	19.13	2.35	18.00	2.44	18.01	2.48	17.60	2.50	17.27	2.51	16.54	2.60
		5	4.5	22.94	2.43	21.87	2.52	21.55	2.57	21.09	2.60	20.72	2.62	19.89	2.71
		10	9	25.49	2.51	24.46	2.59	23.92	2.66	23.43	2.69	23.04	2.72	22.13	2.81
		17	15	28.29	2.61	27.31	2.69	26.52	2.77	**26.00**	**2.82**	25.58	2.86	24.60	2.94
		20	19	29.99	2.67	29.03	2.76	28.10	2.85	27.56	2.90	27.13	2.95	26.10	3.03
		25	23	32.82	2.79	31.85	2.87	30.74	2.98	30.16	3.04	29.69	3.09	28.57	3.17
		30	28	35.66	2.92	34.55	3.02	33.37	3.11	32.75	3.18	32.26	3.24	31.08	3.32
		35	32	38.49	3.06	37.27	3.16	36.00	3.25	35.35	3.32	34.83	3.38	33.58	3.46
		40	36	40.46	3.14	39.32	3.25	38.07	3.35	37.41	3.42	36.88	3.47	35.54	3.56
		45	41	42.91	3.26	41.88	3.37	40.65	3.47	39.97	3.53	39.43	3.58	38.00	3.69
		47	43	43.89	3.30	42.91	3.41	41.68	3.52	**41.00**	**3.58**	40.46	3.63	38.98	3.74
		50	46	44.02	3.28	43.13	3.38	42.06	3.48	41.45	3.53	40.96	3.57	39.58	3.67
		55	51	44.23	3.25	43.50	3.33	42.69	3.40	42.20	3.44	41.81	3.47	40.58	3.55
		60	56	44.45	3.21	43.87	3.27	43.33	3.33	42.96	3.36	42.66	3.38	41.57	3.43
		63	59	44.58	3.19	44.09	3.24	43.71	3.29	43.41	3.31	43.17	3.32	42.17	3.36
		68	64	44.70	3.17	44.31	3.21	44.09	3.25	43.87	3.26	43.69	3.26	42.77	3.29

TC = Total Capacity (kBtu/h).

PI = Power Input (kW).

Nominal capacity as rated: 0 ft. above sea level with 25 ft. of refrigerant piping.
0 ft. level difference between outdoor and indoor units.

Nominal heating capacity rating obtained with air entering the indoor unit at 70°F dry bulb (DB) and 60°F wet bulb (WB), and outdoor ambient conditions of 47°F dry bulb (DB) and 43°F wet bulb (WB).

Due to our policy of continuous product innovation, some specifications may change without notification.
©LG Electronics U.S.A., Inc., Englewood Cliffs, NJ. All rights reserved. "LG" is a registered trademark of LG Corp.

Table 90: LMU369HV Heating Capacity Table — Non-Ducted Indoor Units (continued).

Connected Indoor Units	Combination Capacity Index	Outdoor Air Temp.		Indoor Air Temp. °F DB											
		°F	°F	61		64		68		70		72		75	
		DB	WB	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
Three (3) Non-Ducted Indoor Units	12 + 12 + 18	0	-0.4	19.13	2.35	18.00	2.44	18.01	2.48	17.60	2.50	17.27	2.51	16.54	2.60
		5	4.5	22.94	2.43	21.87	2.52	21.55	2.57	21.09	2.60	20.72	2.62	19.89	2.71
		10	9	25.49	2.51	24.46	2.59	23.92	2.66	23.43	2.69	23.04	2.72	22.13	2.81
		17	15	28.29	2.61	27.31	2.69	26.52	2.77	**26.00**	**2.82**	25.58	2.86	24.60	2.94
		20	19	29.99	2.67	29.03	2.76	28.10	2.85	27.56	2.90	27.13	2.95	26.10	3.03
		25	23	32.82	2.79	31.85	2.87	30.74	2.98	30.16	3.04	29.69	3.09	28.57	3.17
		30	28	35.66	2.92	34.55	3.02	33.37	3.11	32.75	3.18	32.26	3.24	31.08	3.32
		35	32	38.49	3.06	37.27	3.16	36.00	3.25	35.35	3.32	34.83	3.38	33.58	3.46
		40	36	40.46	3.14	39.32	3.25	38.07	3.35	37.41	3.42	36.88	3.47	35.54	3.56
		45	41	42.91	3.26	41.88	3.37	40.65	3.47	39.97	3.53	39.43	3.58	38.00	3.69
		47	43	43.89	3.30	42.91	3.41	41.68	3.52	**41.00**	**3.58**	40.46	3.63	38.98	3.74
		50	46	44.02	3.28	43.13	3.38	42.06	3.48	41.45	3.53	40.96	3.57	39.58	3.67
		55	51	44.23	3.25	43.50	3.33	42.69	3.40	42.20	3.44	41.81	3.47	40.58	3.55
		60	56	44.45	3.21	43.87	3.27	43.33	3.33	42.96	3.36	42.66	3.38	41.57	3.43
		63	59	44.58	3.19	44.09	3.24	43.71	3.29	43.41	3.31	43.17	3.32	42.17	3.36
		68	64	44.70	3.17	44.31	3.21	44.09	3.25	43.87	3.26	43.69	3.26	42.77	3.29
	9 + 18 + 18	0	-0.4	19.13	2.35	18.00	2.44	18.01	2.48	17.60	2.50	17.27	2.51	16.54	2.60
		5	4.5	22.94	2.43	21.87	2.52	21.55	2.57	21.09	2.60	20.72	2.62	19.89	2.71
		10	9	25.49	2.51	24.46	2.59	23.92	2.66	23.43	2.69	23.04	2.72	22.13	2.81
		17	15	28.29	2.61	27.31	2.69	26.52	2.77	**26.00**	**2.82**	25.58	2.86	24.60	2.94
		20	19	29.99	2.67	29.03	2.76	28.10	2.85	27.56	2.90	27.13	2.95	26.10	3.03
		25	23	32.82	2.79	31.85	2.87	30.74	2.98	30.16	3.04	29.69	3.09	28.57	3.17
		30	28	35.66	2.92	34.55	3.02	33.37	3.11	32.75	3.18	32.26	3.24	31.08	3.32
		35	32	38.49	3.06	37.27	3.16	36.00	3.25	35.35	3.32	34.83	3.38	33.58	3.46
		40	36	40.46	3.14	39.32	3.25	38.07	3.35	37.41	3.42	36.88	3.47	35.54	3.56
		45	41	42.91	3.26	41.88	3.37	40.65	3.47	39.97	3.53	39.43	3.58	38.00	3.69
		47	43	43.89	3.30	42.91	3.41	41.68	3.52	**41.00**	**3.58**	40.46	3.63	38.98	3.74
		50	46	44.02	3.28	43.13	3.38	42.06	3.48	41.45	3.53	40.96	3.57	39.58	3.67
		55	51	44.23	3.25	43.50	3.33	42.69	3.40	42.20	3.44	41.81	3.47	40.58	3.55
		60	56	44.45	3.21	43.87	3.27	43.33	3.33	42.96	3.36	42.66	3.38	41.57	3.43
		63	59	44.58	3.19	44.09	3.24	43.71	3.29	43.41	3.31	43.17	3.32	42.17	3.36
		68	64	44.70	3.17	44.31	3.21	44.09	3.25	43.87	3.26	43.69	3.26	42.77	3.29
	12 + 18 + 18	0	-0.4	19.13	2.35	18.00	2.44	18.01	2.48	17.60	2.50	17.27	2.51	16.54	2.60
		5	4.5	22.94	2.43	21.87	2.52	21.55	2.57	21.09	2.60	20.72	2.62	19.89	2.71
		10	9	25.49	2.51	24.46	2.59	23.92	2.66	23.43	2.69	23.04	2.72	22.13	2.81
		17	15	28.29	2.61	27.31	2.69	26.52	2.77	**26.00**	**2.82**	25.58	2.86	24.60	2.94
		20	19	29.99	2.67	29.03	2.76	28.10	2.85	27.56	2.90	27.13	2.95	26.10	3.03
		25	23	32.82	2.79	31.85	2.87	30.74	2.98	30.16	3.04	29.69	3.09	28.57	3.17
		30	28	35.66	2.92	34.55	3.02	33.37	3.11	32.75	3.18	32.26	3.24	31.08	3.32
		35	32	38.49	3.06	37.27	3.16	36.00	3.25	35.35	3.32	34.83	3.38	33.58	3.46
		40	36	40.46	3.14	39.32	3.25	38.07	3.35	37.41	3.42	36.88	3.47	35.54	3.56
		45	41	42.91	3.26	41.88	3.37	40.65	3.47	39.97	3.53	39.43	3.58	38.00	3.69
		47	43	43.89	3.30	42.91	3.41	41.68	3.52	**41.00**	**3.58**	40.46	3.63	38.98	3.74
		50	46	44.02	3.28	43.13	3.38	42.06	3.48	41.45	3.53	40.96	3.57	39.58	3.67
		55	51	44.23	3.25	43.50	3.33	42.69	3.40	42.20	3.44	41.81	3.47	40.58	3.55
		60	56	44.45	3.21	43.87	3.27	43.33	3.33	42.96	3.36	42.66	3.38	41.57	3.43
		63	59	44.58	3.19	44.09	3.24	43.71	3.29	43.41	3.31	43.17	3.32	42.17	3.36
		68	64	44.70	3.17	44.31	3.21	44.09	3.25	43.87	3.26	43.69	3.26	42.77	3.29

TC = Total Capacity (kBtu/h).

PI = Power Input (kW).

Nominal capacity as rated: 0 ft. above sea level with 25 ft. of refrigerant piping.
0 ft. level difference between outdoor and indoor units.

Nominal heating capacity rating obtained with air entering the indoor unit at 70°F dry bulb (DB) and 60°F wet bulb (WB), and outdoor ambient conditions of 47°F dry bulb (DB) and 43°F wet bulb (WB).

Due to our policy of continuous product innovation, some specifications may change without notification.
©LG Electronics U.S.A., Inc., Englewood Cliffs, NJ. All rights reserved. "LG" is a registered trademark of LG Corp.

PERFORMANCE DATA

Heating Capacity Tables

Table 91: LMU369HV Heating Capacity Table — Non-Ducted Indoor Units (continued).

Connected Indoor Units	Combination Capacity Index	Outdoor Air Temp.		Indoor Air Temp. °F DB											
		°F	°F	61		64		68		70		72		75	
		DB	WB	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
Four (4) Non-Ducted Indoor Units	9 + 9 + 9 + 9	0	-0.4	19.13	2.35	18.00	2.44	18.01	2.48	17.60	2.50	17.27	2.51	16.54	2.60
		5	4.5	22.94	2.43	21.87	2.52	21.55	2.57	21.09	2.60	20.72	2.62	19.89	2.71
		10	9	25.49	2.51	24.46	2.59	23.92	2.66	23.43	2.69	23.04	2.72	22.13	2.81
		17	15	28.29	2.61	27.31	2.69	26.52	2.77	**26.00**	**2.82**	25.58	2.86	24.60	2.94
		20	19	29.99	2.67	29.03	2.76	28.10	2.85	27.56	2.90	27.13	2.95	26.10	3.03
		25	23	32.82	2.79	31.85	2.87	30.74	2.98	30.16	3.04	29.69	3.09	28.57	3.17
		30	28	35.66	2.92	34.55	3.02	33.37	3.11	32.75	3.18	32.26	3.24	31.08	3.32
		35	32	38.49	3.06	37.27	3.16	36.00	3.25	35.35	3.32	34.83	3.38	33.58	3.46
		40	36	40.46	3.14	39.32	3.25	38.07	3.35	37.41	3.42	36.88	3.47	35.54	3.56
		45	41	42.91	3.26	41.88	3.37	40.65	3.47	39.97	3.53	39.43	3.58	38.00	3.69
		47	43	43.89	3.30	42.91	3.41	41.68	3.52	**41.00**	**3.58**	40.46	3.63	38.98	3.74
		50	46	44.02	3.28	43.13	3.38	42.06	3.48	41.45	3.53	40.96	3.57	39.58	3.67
		55	51	44.23	3.25	43.50	3.33	42.69	3.40	42.20	3.44	41.81	3.47	40.58	3.55
		60	56	44.45	3.21	43.87	3.27	43.33	3.33	42.96	3.36	42.66	3.38	41.57	3.43
		63	59	44.58	3.19	44.09	3.24	43.71	3.29	43.41	3.31	43.17	3.32	42.17	3.36
		68	64	44.70	3.17	44.31	3.21	44.09	3.25	43.87	3.26	43.69	3.26	42.77	3.29
	9 + 9 + 9 + 12	0	-0.4	19.13	2.35	18.00	2.44	18.01	2.48	17.60	2.50	17.27	2.51	16.54	2.60
		5	4.5	22.94	2.43	21.87	2.52	21.55	2.57	21.09	2.60	20.72	2.62	19.89	2.71
		10	9	25.49	2.51	24.46	2.59	23.92	2.66	23.43	2.69	23.04	2.72	22.13	2.81
		17	15	28.29	2.61	27.31	2.69	26.52	2.77	**26.00**	**2.82**	25.58	2.86	24.60	2.94
		20	19	29.99	2.67	29.03	2.76	28.10	2.85	27.56	2.90	27.13	2.95	26.10	3.03
		25	23	32.82	2.79	31.85	2.87	30.74	2.98	30.16	3.04	29.69	3.09	28.57	3.17
		30	28	35.66	2.92	34.55	3.02	33.37	3.11	32.75	3.18	32.26	3.24	31.08	3.32
		35	32	38.49	3.06	37.27	3.16	36.00	3.25	35.35	3.32	34.83	3.38	33.58	3.46
		40	36	40.46	3.14	39.32	3.25	38.07	3.35	37.41	3.42	36.88	3.47	35.54	3.56
		45	41	42.91	3.26	41.88	3.37	40.65	3.47	39.97	3.53	39.43	3.58	38.00	3.69
		47	43	43.89	3.30	42.91	3.41	41.68	3.52	**41.00**	**3.58**	40.46	3.63	38.98	3.74
		50	46	44.02	3.28	43.13	3.38	42.06	3.48	41.45	3.53	40.96	3.57	39.58	3.67
		55	51	44.23	3.25	43.50	3.33	42.69	3.40	42.20	3.44	41.81	3.47	40.58	3.55
		60	56	44.45	3.21	43.87	3.27	43.33	3.33	42.96	3.36	42.66	3.38	41.57	3.43
		63	59	44.58	3.19	44.09	3.24	43.71	3.29	43.41	3.31	43.17	3.32	42.17	3.36
		68	64	44.70	3.17	44.31	3.21	44.09	3.25	43.87	3.26	43.69	3.26	42.77	3.29
	9 + 9 + 12 + 12	0	-0.4	19.13	2.35	18.00	2.44	18.01	2.48	17.60	2.50	17.27	2.51	16.54	2.60
		5	4.5	22.94	2.43	21.87	2.52	21.55	2.57	21.09	2.60	20.72	2.62	19.89	2.71
		10	9	25.49	2.51	24.46	2.59	23.92	2.66	23.43	2.69	23.04	2.72	22.13	2.81
		17	15	28.29	2.61	27.31	2.69	26.52	2.77	**26.00**	**2.82**	25.58	2.86	24.60	2.94
		20	19	29.99	2.67	29.03	2.76	28.10	2.85	27.56	2.90	27.13	2.95	26.10	3.03
		25	23	32.82	2.79	31.85	2.87	30.74	2.98	30.16	3.04	29.69	3.09	28.57	3.17
		30	28	35.66	2.92	34.55	3.02	33.37	3.11	32.75	3.18	32.26	3.24	31.08	3.32
		35	32	38.49	3.06	37.27	3.16	36.00	3.25	35.35	3.32	34.83	3.38	33.58	3.46
		40	36	40.46	3.14	39.32	3.25	38.07	3.35	37.41	3.42	36.88	3.47	35.54	3.56
		45	41	42.91	3.26	41.88	3.37	40.65	3.47	39.97	3.53	39.43	3.58	38.00	3.69
		47	43	43.89	3.30	42.91	3.41	41.68	3.52	**41.00**	**3.58**	40.46	3.63	38.98	3.74
		50	46	44.02	3.28	43.13	3.38	42.06	3.48	41.45	3.53	40.96	3.57	39.58	3.67
		55	51	44.23	3.25	43.50	3.33	42.69	3.40	42.20	3.44	41.81	3.47	40.58	3.55
		60	56	44.45	3.21	43.87	3.27	43.33	3.33	42.96	3.36	42.66	3.38	41.57	3.43
		63	59	44.58	3.19	44.09	3.24	43.71	3.29	43.41	3.31	43.17	3.32	42.17	3.36
		68	64	44.70	3.17	44.31	3.21	44.09	3.25	43.87	3.26	43.69	3.26	42.77	3.29

TC = Total Capacity (kBtu/h).

PI = Power Input (kW).

Nominal capacity as rated: 0 ft. above sea level with 25 ft. of refrigerant piping.
0 ft. level difference between outdoor and indoor units.

Nominal heating capacity rating obtained with air entering the indoor unit at 70°F dry bulb (DB) and 60°F wet bulb (WB), and outdoor ambient conditions of 47°F dry bulb (DB) and 43°F wet bulb (WB).

Due to our policy of continuous product innovation, some specifications may change without notification.
©LG Electronics U.S.A., Inc., Englewood Cliffs, NJ. All rights reserved. "LG" is a registered trademark of LG Corp.

Table 92: LMU369HV Heating Capacity Table — Non-Ducted Indoor Units (continued).

Connected Indoor Units	Combination Capacity Index	Outdoor Air Temp.		Indoor Air Temp. °F DB											
				61		64		68		70		72		75	
		°F DB	°F WB	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
Four (4) Non-Ducted Indoor Units	9 + 12 + 12 + 12	0	-0.4	19.13	2.35	18.00	2.44	18.01	2.48	17.60	2.50	17.27	2.51	16.54	2.60
		5	4.5	22.94	2.43	21.87	2.52	21.55	2.57	21.09	2.60	20.72	2.62	19.89	2.71
		10	9	25.49	2.51	24.46	2.59	23.92	2.66	23.43	2.69	23.04	2.72	22.13	2.81
		17	15	28.29	2.61	27.31	2.69	26.52	2.77	**26.00**	**2.82**	25.58	2.86	24.60	2.94
		20	19	29.99	2.67	29.03	2.76	28.10	2.85	27.56	2.90	27.13	2.95	26.10	3.03
		25	23	32.82	2.79	31.85	2.87	30.74	2.98	30.16	3.04	29.69	3.09	28.57	3.17
		30	28	35.66	2.92	34.55	3.02	33.37	3.11	32.75	3.18	32.26	3.24	31.08	3.32
		35	32	38.49	3.06	37.27	3.16	36.00	3.25	35.35	3.32	34.83	3.38	33.58	3.46
		40	36	40.46	3.14	39.32	3.25	38.07	3.35	37.41	3.42	36.88	3.47	35.54	3.56
		45	41	42.91	3.26	41.88	3.37	40.65	3.47	39.97	3.53	39.43	3.58	38.00	3.69
		47	43	43.89	3.30	42.91	3.41	41.68	3.52	**41.00**	**3.58**	40.46	3.63	38.98	3.74
		50	46	44.02	3.28	43.13	3.38	42.06	3.48	41.45	3.53	40.96	3.57	39.58	3.67
		55	51	44.23	3.25	43.50	3.33	42.69	3.40	42.20	3.44	41.81	3.47	40.58	3.55
		60	56	44.45	3.21	43.87	3.27	43.33	3.33	42.96	3.36	42.66	3.38	41.57	3.43
		63	59	44.58	3.19	44.09	3.24	43.71	3.29	43.41	3.31	43.17	3.32	42.17	3.36
		68	64	44.70	3.17	44.31	3.21	44.09	3.25	43.87	3.26	43.69	3.26	42.77	3.29
	9 + 9 + 9 + 18	0	-0.4	19.13	2.35	18.00	2.44	18.01	2.48	17.60	2.50	17.27	2.51	16.54	2.60
		5	4.5	22.94	2.43	21.87	2.52	21.55	2.57	21.09	2.60	20.72	2.62	19.89	2.71
		10	9	25.49	2.51	24.46	2.59	23.92	2.66	23.43	2.69	23.04	2.72	22.13	2.81
		17	15	28.29	2.61	27.31	2.69	26.52	2.77	**26.00**	**2.82**	25.58	2.86	24.60	2.94
		20	19	29.99	2.67	29.03	2.76	28.10	2.85	27.56	2.90	27.13	2.95	26.10	3.03
		25	23	32.82	2.79	31.85	2.87	30.74	2.98	30.16	3.04	29.69	3.09	28.57	3.17
		30	28	35.66	2.92	34.55	3.02	33.37	3.11	32.75	3.18	32.26	3.24	31.08	3.32
		35	32	38.49	3.06	37.27	3.16	36.00	3.25	35.35	3.32	34.83	3.38	33.58	3.46
		40	36	40.46	3.14	39.32	3.25	38.07	3.35	37.41	3.42	36.88	3.47	35.54	3.56
		45	41	42.91	3.26	41.88	3.37	40.65	3.47	39.97	3.53	39.43	3.58	38.00	3.69
		47	43	43.89	3.30	42.91	3.41	41.68	3.52	**41.00**	**3.58**	40.46	3.63	38.98	3.74
		50	46	44.02	3.28	43.13	3.38	42.06	3.48	41.45	3.53	40.96	3.57	39.58	3.67
		55	51	44.23	3.25	43.50	3.33	42.69	3.40	42.20	3.44	41.81	3.47	40.58	3.55
		60	56	44.45	3.21	43.87	3.27	43.33	3.33	42.96	3.36	42.66	3.38	41.57	3.43
		63	59	44.58	3.19	44.09	3.24	43.71	3.29	43.41	3.31	43.17	3.32	42.17	3.36
		68	64	44.70	3.17	44.31	3.21	44.09	3.25	43.87	3.26	43.69	3.26	42.77	3.29
	9 + 9 + 12 + 18	0	-0.4	19.13	2.35	18.00	2.44	18.01	2.48	17.60	2.50	17.27	2.51	16.54	2.60
		5	4.5	22.94	2.43	21.87	2.52	21.55	2.57	21.09	2.60	20.72	2.62	19.89	2.71
		10	9	25.49	2.51	24.46	2.59	23.92	2.66	23.43	2.69	23.04	2.72	22.13	2.81
		17	15	28.29	2.61	27.31	2.69	26.52	2.77	**26.00**	**2.82**	25.58	2.86	24.60	2.94
		20	19	29.99	2.67	29.03	2.76	28.10	2.85	27.56	2.90	27.13	2.95	26.10	3.03
		25	23	32.82	2.79	31.85	2.87	30.74	2.98	30.16	3.04	29.69	3.09	28.57	3.17
		30	28	35.66	2.92	34.55	3.02	33.37	3.11	32.75	3.18	32.26	3.24	31.08	3.32
		35	32	38.49	3.06	37.27	3.16	36.00	3.25	35.35	3.32	34.83	3.38	33.58	3.46
		40	36	40.46	3.14	39.32	3.25	38.07	3.35	37.41	3.42	36.88	3.47	35.54	3.56
		45	41	42.91	3.26	41.88	3.37	40.65	3.47	39.97	3.53	39.43	3.58	38.00	3.69
		47	43	43.89	3.30	42.91	3.41	41.68	3.52	**41.00**	**3.58**	40.46	3.63	38.98	3.74
		50	46	44.02	3.28	43.13	3.38	42.06	3.48	41.45	3.53	40.96	3.57	39.58	3.67
		55	51	44.23	3.25	43.50	3.33	42.69	3.40	42.20	3.44	41.81	3.47	40.58	3.55
		60	56	44.45	3.21	43.87	3.27	43.33	3.33	42.96	3.36	42.66	3.38	41.57	3.43
		63	59	44.58	3.19	44.09	3.24	43.71	3.29	43.41	3.31	43.17	3.32	42.17	3.36
		68	64	44.70	3.17	44.31	3.21	44.09	3.25	43.87	3.26	43.69	3.26	42.77	3.29

TC = Total Capacity (kBtu/h).

PI = Power Input (kW).

Nominal capacity as rated: 0 ft. above sea level with 25 ft. of refrigerant piping.
0 ft. level difference between outdoor and indoor units.

Nominal heating capacity rating obtained with air entering the indoor unit at 70ºF dry bulb (DB) and 60ºF wet bulb (WB), and outdoor ambient conditions of 47ºF dry bulb (DB) and 43ºF wet bulb (WB).

Due to our policy of continuous product innovation, some specifications may change without notification.
©LG Electronics U.S.A., Inc., Englewood Cliffs, NJ. All rights reserved. "LG" is a registered trademark of LG Corp.

PERFORMANCE DATA

Heating Capacity Tables

Table 93: LMU369HV Heating Capacity Table — Non-Ducted Indoor Unit (continued) / Ducted Indoor Units.

Connected Indoor Units	Combination Capacity Index	Outdoor Air Temp.		Indoor Air Temp. °F DB											
		°F	°F	61		64		68		70		72		75	
		DB	WB	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
Four (4) Non-Ducted Indoor Units	12 + 12 + 12 + 12	0	-0.4	19.13	2.35	18.00	2.44	18.01	2.48	17.60	2.50	17.27	2.51	16.54	2.60
		5	4.5	22.94	2.43	21.87	2.52	21.55	2.57	21.09	2.60	20.72	2.62	19.89	2.71
		10	9	25.49	2.51	24.46	2.59	23.92	2.66	23.43	2.69	23.04	2.72	22.13	2.81
		17	15	28.29	2.61	27.31	2.69	26.52	2.77	**26.00**	**2.82**	25.58	2.86	24.60	2.94
		20	19	29.99	2.67	29.03	2.76	28.10	2.85	27.56	2.90	27.13	2.95	26.10	3.03
		25	23	32.82	2.79	31.85	2.87	30.74	2.98	30.16	3.04	29.69	3.09	28.57	3.17
		30	28	35.66	2.92	34.55	3.02	33.37	3.11	32.75	3.18	32.26	3.24	31.08	3.32
		35	32	38.49	3.06	37.27	3.16	36.00	3.25	35.35	3.32	34.83	3.38	33.58	3.46
		40	36	40.46	3.14	39.32	3.25	38.07	3.35	37.41	3.42	36.88	3.47	35.54	3.56
		45	41	42.91	3.26	41.88	3.37	40.65	3.47	39.97	3.53	39.43	3.58	38.00	3.69
		47	43	43.89	3.30	42.91	3.41	41.68	3.52	**41.00**	**3.58**	40.46	3.63	38.98	3.74
		50	46	44.02	3.28	43.13	3.38	42.06	3.48	41.45	3.53	40.96	3.57	39.58	3.67
		55	51	44.23	3.25	43.50	3.33	42.69	3.40	42.20	3.44	41.81	3.47	40.58	3.55
		60	56	44.45	3.21	43.87	3.27	43.33	3.33	42.96	3.36	42.66	3.38	41.57	3.43
		63	59	44.58	3.19	44.09	3.24	43.71	3.29	43.41	3.31	43.17	3.32	42.17	3.36
		68	64	44.70	3.17	44.31	3.21	44.09	3.25	43.87	3.26	43.69	3.26	42.77	3.29
Two (2) Ducted Indoor Units	9 + 9	0	-0.4	11.12	1.52	10.48	1.58	10.46	1.61	10.23	1.62	10.04	1.63	9.62	1.69
		5	4.5	12.75	1.56	12.17	1.62	11.98	1.65	11.73	1.67	11.52	1.68	11.06	1.74
		10	9	13.85	1.59	13.29	1.65	12.99	1.69	12.73	1.71	12.52	1.73	12.03	1.79
		17	15	15.05	1.64	14.53	1.69	14.11	1.74	**13.83**	**1.77**	13.61	1.80	13.09	1.85
		20	19	15.78	1.67	15.28	1.72	14.79	1.78	14.50	1.81	14.28	1.84	13.73	1.89
		25	23	17.00	1.73	16.49	1.78	15.92	1.84	15.62	1.88	15.38	1.91	14.80	1.96
		30	28	18.22	1.79	17.65	1.85	17.05	1.91	16.73	1.95	16.48	1.98	15.88	2.03
		35	32	19.43	1.85	18.82	1.92	18.17	1.97	17.85	2.01	17.59	2.05	16.95	2.10
		40	36	20.42	1.91	19.85	1.97	19.22	2.03	18.89	2.07	18.62	2.10	17.94	2.16
		45	41	21.66	1.97	21.15	2.04	20.52	2.10	20.18	2.14	19.91	2.17	19.19	2.24
		47	43	22.16	2.00	21.66	2.07	21.04	2.13	**20.70**	**2.17**	20.42	2.20	19.68	2.27
		50	46	22.22	1.99	21.77	2.05	21.24	2.11	20.93	2.14	20.68	2.16	19.98	2.22
		55	51	22.33	1.97	21.96	2.02	21.56	2.06	21.31	2.09	21.11	2.11	20.49	2.15
		60	56	22.44	1.95	22.15	1.98	21.88	2.02	21.69	2.04	21.54	2.05	20.99	2.08
		63	59	22.51	1.93	22.26	1.96	22.07	1.99	21.92	2.00	21.80	2.01	21.29	2.04
		68	64	22.57	1.92	22.37	1.95	22.26	1.97	22.15	1.97	22.06	1.98	21.59	1.99
	9 + 12	0	-0.4	12.97	1.80	12.23	1.86	12.21	1.89	11.93	1.91	11.71	1.92	11.22	1.99
		5	4.5	14.88	1.84	14.19	1.91	13.98	1.95	13.68	1.97	13.44	1.99	12.90	2.05
		10	9	16.16	1.88	15.51	1.94	15.16	1.99	14.85	2.02	14.60	2.04	14.03	2.11
		17	15	17.56	1.93	16.95	2.00	16.46	2.06	**16.14**	**2.09**	15.88	2.12	15.27	2.18
		20	19	18.41	1.97	17.83	2.03	17.25	2.10	16.92	2.14	16.65	2.17	16.02	2.23
		25	23	19.83	2.04	19.24	2.10	18.57	2.17	18.22	2.22	17.94	2.25	17.26	2.31
		30	28	21.25	2.11	20.59	2.18	19.89	2.25	19.52	2.30	19.23	2.34	18.52	2.40
		35	32	22.67	2.18	21.95	2.26	21.20	2.32	20.82	2.38	20.52	2.42	19.78	2.48
		40	36	23.83	2.25	23.16	2.33	22.42	2.39	22.03	2.44	21.72	2.48	20.94	2.55
		45	41	25.27	2.33	24.67	2.41	23.94	2.48	23.55	2.53	23.23	2.56	22.38	2.64
		47	43	25.85	2.36	25.27	2.44	24.55	2.52	**24.15**	**2.56**	23.83	2.59	22.96	2.67
		50	46	25.93	2.35	25.40	2.42	24.78	2.49	24.42	2.52	24.13	2.55	23.31	2.62
		55	51	26.05	2.32	25.62	2.38	25.15	2.43	24.86	2.46	24.63	2.48	23.90	2.54
		60	56	26.18	2.30	25.84	2.34	25.52	2.38	25.30	2.40	25.13	2.42	24.49	2.45
		63	59	26.26	2.28	25.97	2.32	25.75	2.35	25.57	2.36	25.43	2.37	24.84	2.40
		68	64	26.33	2.27	26.10	2.30	25.97	2.32	25.84	2.33	25.73	2.33	25.19	2.35

TC = Total Capacity (kBtu/h).

PI = Power Input (kW).

Nominal capacity as rated: 0 ft. above sea level with 25 ft. of refrigerant piping.
0 ft. level difference between outdoor and indoor units.

Nominal heating capacity rating obtained with air entering the indoor unit at 70°F dry bulb (DB) and 60°F wet bulb (WB), and outdoor ambient conditions of 47°F dry bulb (DB) and 43°F wet bulb (WB).

Due to our policy of continuous product innovation, some specifications may change without notification.
©LG Electronics U.S.A., Inc., Englewood Cliffs, NJ. All rights reserved. "LG" is a registered trademark of LG Corp.

PERFORMANCE DATA

Heating Capacity Tables

Table 94: LMU369HV Heating Capacity Table — Ducted Indoor Units.

Connected Indoor Units	Combination Capacity Index	Outdoor Air Temp.		Indoor Air Temp. °F DB											
		°F	°F	61		64		68		70		72		75	
		DB	WB	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
Two (2) Ducted Indoor Units	12 + 12	0	-0.4	14.83	1.89	13.98	1.96	13.95	1.99	13.64	2.01	13.38	2.02	12.82	2.09
		5	4.5	17.01	1.93	16.22	2.00	15.97	2.04	15.63	2.07	15.36	2.09	14.75	2.16
		10	9	18.46	1.98	17.72	2.04	17.33	2.10	16.97	2.12	16.69	2.15	16.03	2.21
		17	15	20.07	2.03	19.37	2.10	18.81	2.16	**18.44**	**2.20**	18.15	2.23	17.45	2.29
		20	19	21.04	2.07	20.37	2.13	19.72	2.21	19.34	2.25	19.03	2.28	18.31	2.34
		25	23	22.66	2.14	21.99	2.20	21.23	2.28	20.82	2.33	20.50	2.37	19.73	2.43
		30	28	24.29	2.22	23.54	2.29	22.73	2.36	22.31	2.41	21.98	2.46	21.17	2.52
		35	32	25.91	2.30	25.09	2.38	24.23	2.44	23.80	2.50	23.45	2.54	22.60	2.60
		40	36	27.23	2.36	26.47	2.45	25.62	2.51	25.18	2.57	24.83	2.61	23.93	2.68
		45	41	28.88	2.45	28.19	2.53	27.36	2.61	26.91	2.65	26.55	2.69	25.58	2.77
		47	43	29.54	2.48	28.88	2.56	28.06	2.64	**27.60**	**2.69**	27.23	2.73	26.24	2.81
		50	46	29.63	2.46	29.03	2.54	28.31	2.61	27.90	2.65	27.58	2.68	26.64	2.76
		55	51	29.78	2.44	29.28	2.50	28.74	2.56	28.41	2.59	28.15	2.61	27.31	2.67
		60	56	29.92	2.41	29.53	2.46	29.17	2.50	28.92	2.52	28.72	2.54	27.98	2.58
		63	59	30.01	2.40	29.68	2.44	29.42	2.47	29.22	2.48	29.06	2.49	28.39	2.52
		68	64	30.09	2.38	29.83	2.41	29.68	2.44	29.53	2.45	29.41	2.45	28.79	2.47
	9 + 18	0	-0.4	16.68	2.12	15.73	2.20	15.69	2.23	15.34	2.25	15.06	2.27	14.42	2.35
		5	4.5	19.13	2.17	18.25	2.25	17.97	2.30	17.59	2.32	17.29	2.34	16.59	2.42
		10	9	20.77	2.22	19.94	2.29	19.49	2.35	19.09	2.38	18.78	2.41	18.04	2.49
		17	15	22.58	2.28	21.79	2.35	21.17	2.43	**20.75**	**2.47**	20.42	2.50	19.63	2.57
		20	19	23.67	2.32	22.92	2.40	22.18	2.48	21.75	2.52	21.41	2.56	20.60	2.63
		25	23	25.49	2.40	24.74	2.47	23.88	2.56	23.43	2.62	23.07	2.66	22.20	2.73
		30	28	27.32	2.49	26.48	2.57	25.57	2.65	25.10	2.71	24.72	2.76	23.82	2.83
		35	32	29.15	2.58	28.22	2.67	27.26	2.74	26.77	2.80	26.38	2.85	25.43	2.92
		40	36	30.64	2.65	29.78	2.74	28.83	2.82	28.33	2.88	27.93	2.93	26.92	3.01
		45	41	32.49	2.75	31.72	2.84	30.78	2.93	30.27	2.98	29.86	3.02	28.78	3.11
		47	43	33.24	2.78	32.49	2.88	31.57	2.97	**31.05**	**3.02**	30.64	3.06	29.52	3.15
		50	46	33.33	2.77	32.66	2.85	31.85	2.93	31.39	2.98	31.02	3.01	29.98	3.09
		55	51	33.50	2.74	32.94	2.81	32.33	2.87	31.96	2.90	31.67	2.93	30.73	2.99
		60	56	33.66	2.71	33.22	2.76	32.81	2.81	32.53	2.83	32.31	2.85	31.48	2.89
		63	59	33.76	2.69	33.39	2.73	33.10	2.78	32.87	2.79	32.69	2.80	31.93	2.83
		68	64	33.86	2.67	33.56	2.71	33.39	2.74	33.22	2.75	33.08	2.75	32.39	2.78
	12 + 18	0	-0.4	18.53	2.35	17.47	2.44	17.44	2.48	17.05	2.50	16.73	2.52	16.03	2.61
		5	4.5	21.26	2.41	20.28	2.49	19.96	2.55	19.54	2.58	19.21	2.60	18.43	2.69
		10	9	23.08	2.46	22.15	2.54	21.66	2.61	21.22	2.64	20.86	2.67	20.04	2.76
		17	15	25.09	2.53	24.21	2.61	23.52	2.69	**23.06**	**2.74**	22.69	2.77	21.81	2.85
		20	19	26.30	2.58	25.46	2.66	24.64	2.75	24.17	2.80	23.79	2.84	22.89	2.92
		25	23	28.33	2.66	27.49	2.74	26.53	2.85	26.03	2.90	25.63	2.95	24.66	3.03
		30	28	30.36	2.76	29.42	2.85	28.41	2.94	27.89	3.01	27.47	3.06	26.46	3.13
		35	32	32.39	2.86	31.36	2.96	30.29	3.04	29.75	3.11	29.31	3.17	28.25	3.24
		40	36	34.04	2.94	33.08	3.04	32.03	3.13	31.48	3.20	31.03	3.25	29.91	3.34
		45	41	36.10	3.05	35.24	3.15	34.20	3.25	33.64	3.31	33.18	3.35	31.98	3.45
		47	43	36.93	3.09	36.10	3.19	35.07	3.29	**34.50**	**3.35**	34.04	3.40	32.80	3.50
		50	46	37.04	3.07	36.29	3.16	35.39	3.25	34.88	3.30	34.47	3.34	33.31	3.43
		55	51	37.22	3.04	36.60	3.11	35.93	3.19	35.51	3.22	35.18	3.25	34.14	3.32
		60	56	37.40	3.00	36.91	3.06	36.46	3.12	36.15	3.14	35.90	3.16	34.98	3.21
		63	59	37.51	2.99	37.10	3.03	36.78	3.08	36.53	3.09	36.33	3.11	35.48	3.14
		68	64	37.62	2.97	37.29	3.00	37.10	3.04	36.91	3.05	36.76	3.05	35.99	3.08

TC = Total Capacity (kBtu/h).

PI = Power Input (kW).

Nominal capacity as rated: 0 ft. above sea level with 25 ft. of refrigerant piping.
0 ft. level difference between outdoor and indoor units.

Nominal heating capacity rating obtained with air entering the indoor unit at 70°F dry bulb (DB) and 60°F wet bulb (WB), and outdoor ambient conditions of 47°F dry bulb (DB) and 43°F wet bulb (WB).

Due to our policy of continuous product innovation, some specifications may change without notification.
©LG Electronics U.S.A., Inc., Englewood Cliffs, NJ. All rights reserved. "LG" is a registered trademark of LG Corp.

PERFORMANCE DATA

Heating Capacity Tables

Table 95: LMU369HV Heating Capacity Table — Ducted Indoor Units (continued).

Connected Indoor Units	Combination Capacity Index	Outdoor Air Temp.		Indoor Air Temp. °F DB											
		°F	°F	61		64		68		70		72		75	
		DB	WB	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
Two (2) Ducted Indoor Units	18 + 18	0	-0.4	19.34	2.45	18.23	2.54	18.20	2.58	17.79	2.60	17.46	2.62	16.72	2.72
		5	4.5	22.18	2.51	21.16	2.60	20.83	2.65	20.39	2.68	20.04	2.71	19.23	2.80
		10	9	24.08	2.56	23.11	2.65	22.60	2.72	22.14	2.76	21.77	2.79	20.91	2.87
		17	15	26.18	2.64	25.27	2.72	24.54	2.81	**24.06**	**2.85**	23.67	2.89	22.76	2.97
		20	19	27.45	2.69	26.57	2.77	25.72	2.86	25.22	2.92	24.83	2.96	23.88	3.04
		25	23	29.56	2.78	28.68	2.86	27.69	2.96	27.16	3.02	26.74	3.07	25.74	3.15
		30	28	31.68	2.88	30.70	2.97	29.65	3.06	29.10	3.13	28.67	3.19	27.61	3.27
		35	32	33.80	2.98	32.72	3.09	31.61	3.16	31.04	3.24	30.59	3.30	29.48	3.38
		40	36	35.52	3.07	34.52	3.17	33.42	3.26	32.84	3.33	32.38	3.38	31.21	3.47
		45	41	37.67	3.17	36.77	3.28	35.69	3.38	35.10	3.44	34.62	3.49	33.37	3.60
		47	43	38.54	3.22	37.67	3.32	36.60	3.43	**36.00**	**3.49**	35.52	3.54	34.23	3.64
		50	46	38.65	3.20	37.87	3.29	36.93	3.39	36.40	3.44	35.97	3.48	34.75	3.57
		55	51	38.84	3.16	38.19	3.24	37.49	3.32	37.06	3.36	36.71	3.39	35.63	3.46
		60	56	39.03	3.13	38.52	3.19	38.04	3.25	37.72	3.27	37.46	3.29	36.50	3.34
		63	59	39.14	3.11	38.71	3.16	38.38	3.21	38.12	3.22	37.91	3.24	37.02	3.28
		68	64	39.25	3.09	38.91	3.13	38.71	3.17	38.52	3.17	38.36	3.18	37.56	3.21
	24 + 9	0	-0.4	20.41	2.58	19.25	2.68	19.21	2.72	18.77	2.75	18.43	2.76	17.65	2.86
		5	4.5	23.41	2.64	22.33	2.74	21.99	2.80	21.53	2.83	21.15	2.85	20.30	2.95
		10	9	25.42	2.70	24.40	2.80	23.85	2.87	23.37	2.91	22.98	2.94	22.08	3.03
		17	15	27.63	2.78	26.67	2.87	25.90	2.96	**25.40**	**3.01**	24.99	3.05	24.03	3.14
		20	19	28.97	2.83	28.05	2.92	27.15	3.02	26.62	3.08	26.21	3.12	25.21	3.21
		25	23	31.20	2.93	30.28	3.01	29.22	3.13	28.67	3.19	28.23	3.24	27.17	3.32
		30	28	33.44	3.03	32.41	3.13	31.29	3.23	30.72	3.30	30.26	3.36	29.15	3.44
		35	32	35.68	3.14	34.54	3.25	33.36	3.34	32.77	3.42	32.29	3.48	31.12	3.56
		40	36	37.50	3.23	36.44	3.34	35.28	3.44	34.67	3.51	34.18	3.57	32.94	3.66
		45	41	39.77	3.35	38.82	3.46	37.67	3.57	37.05	3.63	36.55	3.68	35.22	3.79
		47	43	40.68	3.39	39.77	3.51	38.63	3.62	**38.00**	**3.68**	37.50	3.73	36.13	3.84
		50	46	40.80	3.37	39.97	3.47	38.98	3.57	38.42	3.63	37.97	3.67	36.68	3.77
		55	51	41.00	3.34	40.32	3.42	39.57	3.50	39.12	3.54	38.75	3.57	37.61	3.65
		60	56	41.19	3.30	40.66	3.36	40.16	3.43	39.81	3.45	39.54	3.47	38.53	3.53
		63	59	41.31	3.28	40.86	3.33	40.51	3.38	40.23	3.40	40.01	3.41	39.08	3.45
		68	64	41.43	3.26	41.07	3.30	40.87	3.34	40.66	3.35	40.49	3.35	39.64	3.38
	24 + 12	0	-0.4	20.41	2.58	19.25	2.68	19.21	2.72	18.77	2.75	18.43	2.76	17.65	2.86
		5	4.5	23.41	2.64	22.33	2.74	21.99	2.80	21.53	2.83	21.15	2.85	20.30	2.95
		10	9	25.42	2.70	24.40	2.80	23.85	2.87	23.37	2.91	22.98	2.94	22.08	3.03
		17	15	27.63	2.78	26.67	2.87	25.90	2.96	**25.40**	**3.01**	24.99	3.05	24.03	3.14
		20	19	28.97	2.83	28.05	2.92	27.15	3.02	26.62	3.08	26.21	3.12	25.21	3.21
		25	23	31.20	2.93	30.28	3.01	29.22	3.13	28.67	3.19	28.23	3.24	27.17	3.32
		30	28	33.44	3.03	32.41	3.13	31.29	3.23	30.72	3.30	30.26	3.36	29.15	3.44
		35	32	35.68	3.14	34.54	3.25	33.36	3.34	32.77	3.42	32.29	3.48	31.12	3.56
		40	36	37.50	3.23	36.44	3.34	35.28	3.44	34.67	3.51	34.18	3.57	32.94	3.66
		45	41	39.77	3.35	38.82	3.46	37.67	3.57	37.05	3.63	36.55	3.68	35.22	3.79
		47	43	40.68	3.39	39.77	3.51	38.63	3.62	**38.00**	**3.68**	37.50	3.73	36.13	3.84
		50	46	40.80	3.37	39.97	3.47	38.98	3.57	38.42	3.63	37.97	3.67	36.68	3.77
		55	51	41.00	3.34	40.32	3.42	39.57	3.50	39.12	3.54	38.75	3.57	37.61	3.65
		60	56	41.19	3.30	40.66	3.36	40.16	3.43	39.81	3.45	39.54	3.47	38.53	3.53
		63	59	41.31	3.28	40.86	3.33	40.51	3.38	40.23	3.40	40.01	3.41	39.08	3.45
		68	64	41.43	3.26	41.07	3.30	40.87	3.34	40.66	3.35	40.49	3.35	39.64	3.38

TC = Total Capacity (kBtu/h).

PI = Power Input (kW).

Nominal capacity as rated: 0 ft. above sea level with 25 ft. of refrigerant piping.
0 ft. level difference between outdoor and indoor units.

Nominal heating capacity rating obtained with air entering the indoor unit at 70°F dry bulb (DB) and 60°F wet bulb (WB), and outdoor ambient conditions of 47°F dry bulb (DB) and 43°F wet bulb (WB).

Due to our policy of continuous product innovation, some specifications may change without notification.
©LG Electronics U.S.A., Inc., Englewood Cliffs, NJ. All rights reserved. "LG" is a registered trademark of LG Corp.

Table 96: LMU369HV Heating Capacity Table — Ducted Indoor Units (continued).

Connected Indoor Units	Combination Capacity Index	Outdoor Air Temp.		Indoor Air Temp. °F DB											
		°F	°F	61		64		68		70		72		75	
		DB	WB	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
Three (3) Ducted Indoor Units	9 + 9 + 9	0	-0.4	16.68	2.12	15.73	2.20	15.69	2.23	15.34	2.25	15.06	2.27	14.42	2.35
		5	4.5	19.13	2.17	18.25	2.25	17.97	2.30	17.59	2.32	17.29	2.34	16.59	2.42
		10	9	20.77	2.22	19.94	2.29	19.49	2.35	19.09	2.38	18.78	2.41	18.04	2.49
		17	15	22.58	2.28	21.79	2.35	21.17	2.43	**20.75**	**2.47**	20.42	2.50	19.63	2.57
		20	19	23.67	2.32	22.92	2.40	22.18	2.48	21.75	2.52	21.41	2.56	20.60	2.63
		25	23	25.49	2.40	24.74	2.47	23.88	2.56	23.43	2.62	23.07	2.66	22.20	2.73
		30	28	27.32	2.49	26.48	2.57	25.57	2.65	25.10	2.71	24.72	2.76	23.82	2.83
		35	32	29.15	2.58	28.22	2.67	27.26	2.74	26.77	2.80	26.38	2.85	25.43	2.92
		40	36	30.64	2.65	29.78	2.74	28.83	2.82	28.33	2.88	27.93	2.93	26.92	3.01
		45	41	32.49	2.75	31.72	2.84	30.78	2.93	30.27	2.98	29.86	3.02	28.78	3.11
		47	43	33.24	2.78	32.49	2.88	31.57	2.97	**31.05**	**3.02**	30.64	3.06	29.52	3.15
		50	46	33.33	2.77	32.66	2.85	31.85	2.93	31.39	2.98	31.02	3.01	29.98	3.09
		55	51	33.50	2.74	32.94	2.81	32.33	2.87	31.96	2.90	31.67	2.93	30.73	2.99
		60	56	33.66	2.71	33.22	2.76	32.81	2.81	32.53	2.83	32.31	2.85	31.48	2.89
		63	59	33.76	2.69	33.39	2.73	33.10	2.78	32.87	2.79	32.69	2.80	31.93	2.83
		68	64	33.86	2.67	33.56	2.71	33.39	2.74	33.22	2.75	33.08	2.75	32.39	2.78
	9 + 9 + 12	0	-0.4	18.53	2.35	17.47	2.44	17.44	2.48	17.05	2.50	16.73	2.52	16.03	2.61
		5	4.5	21.26	2.41	20.28	2.49	19.96	2.55	19.54	2.58	19.21	2.60	18.43	2.69
		10	9	23.08	2.46	22.15	2.54	21.66	2.61	21.22	2.64	20.86	2.67	20.04	2.76
		17	15	25.09	2.53	24.21	2.61	23.52	2.69	**23.06**	**2.74**	22.69	2.77	21.81	2.85
		20	19	26.30	2.58	25.46	2.66	24.64	2.75	24.17	2.80	23.79	2.84	22.89	2.92
		25	23	28.33	2.66	27.49	2.74	26.53	2.85	26.03	2.90	25.63	2.95	24.66	3.03
		30	28	30.36	2.76	29.42	2.85	28.41	2.94	27.89	3.01	27.47	3.06	26.46	3.13
		35	32	32.39	2.86	31.36	2.96	30.29	3.04	29.75	3.11	29.31	3.17	28.25	3.24
		40	36	34.04	2.94	33.08	3.04	32.03	3.13	31.48	3.20	31.03	3.25	29.91	3.34
		45	41	36.10	3.05	35.24	3.15	34.20	3.25	33.64	3.31	33.18	3.35	31.98	3.45
		47	43	36.93	3.09	36.10	3.19	35.07	3.29	**34.50**	**3.35**	34.04	3.40	32.80	3.50
		50	46	37.04	3.07	36.29	3.16	35.39	3.25	34.88	3.30	34.47	3.34	33.31	3.43
		55	51	37.22	3.04	36.60	3.11	35.93	3.19	35.51	3.22	35.18	3.25	34.14	3.32
		60	56	37.40	3.00	36.91	3.06	36.46	3.12	36.15	3.14	35.90	3.16	34.98	3.21
		63	59	37.51	2.99	37.10	3.03	36.78	3.08	36.53	3.09	36.33	3.11	35.48	3.14
		68	64	37.62	2.97	37.29	3.00	37.10	3.04	36.91	3.05	36.76	3.05	35.99	3.08
	9 + 12 + 12	0	-0.4	20.39	2.49	19.22	2.59	19.18	2.63	18.75	2.65	18.40	2.67	17.63	2.76
		5	4.5	23.38	2.55	22.30	2.64	21.96	2.70	21.50	2.73	21.13	2.75	20.28	2.85
		10	9	25.39	2.61	24.37	2.70	23.82	2.76	23.34	2.80	22.95	2.83	22.05	2.92
		17	15	27.60	2.68	26.64	2.77	25.87	2.85	**25.36**	**2.90**	24.96	2.94	24.00	3.02
		20	19	28.93	2.73	28.01	2.82	27.11	2.91	26.59	2.97	26.17	3.01	25.18	3.09
		25	23	31.16	2.82	30.24	2.91	29.19	3.02	28.63	3.08	28.19	3.12	27.13	3.21
		30	28	33.40	2.93	32.36	3.02	31.25	3.12	30.68	3.19	30.22	3.24	29.11	3.32
		35	32	35.63	3.03	34.50	3.14	33.32	3.22	32.72	3.29	32.24	3.35	31.08	3.44
		40	36	37.45	3.12	36.39	3.23	35.23	3.32	34.62	3.39	34.13	3.44	32.90	3.53
		45	41	39.72	3.23	38.77	3.34	37.62	3.44	37.00	3.50	36.50	3.55	35.17	3.66
		47	43	40.62	3.27	39.72	3.38	38.58	3.49	**37.95**	**3.55**	37.45	3.60	36.08	3.71
		50	46	40.74	3.25	39.92	3.35	38.93	3.45	38.37	3.50	37.92	3.54	36.64	3.64
		55	51	40.94	3.22	40.26	3.30	39.52	3.38	39.07	3.41	38.70	3.45	37.56	3.52
		60	56	41.14	3.18	40.60	3.25	40.11	3.31	39.76	3.33	39.49	3.35	38.48	3.40
		63	59	41.26	3.16	40.81	3.21	40.46	3.26	40.18	3.28	39.96	3.29	39.03	3.33
		68	64	41.38	3.14	41.02	3.18	40.81	3.22	40.60	3.23	40.44	3.24	39.59	3.26

TC = Total Capacity (kBtu/h).

PI = Power Input (kW).

Nominal capacity as rated: 0 ft. above sea level with 25 ft. of refrigerant piping.
0 ft. level difference between outdoor and indoor units.

Nominal heating capacity rating obtained with air entering the indoor unit at 70°F dry bulb (DB) and 60°F wet bulb (WB), and outdoor ambient conditions of 47°F dry bulb (DB) and 43°F wet bulb (WB).

Due to our policy of continuous product innovation, some specifications may change without notification.
©LG Electronics U.S.A., Inc., Englewood Cliffs, NJ. All rights reserved. "LG" is a registered trademark of LG Corp.

PERFORMANCE DATA

Heating Capacity Tables

Table 97: LMU369HV Heating Capacity Table — Ducted Indoor Units (continued).

Connected Indoor Units	Combination Capacity Index	Outdoor Air Temp.		Indoor Air Temp. °F DB											
		°F	°F	61		64		68		70		72		75	
		DB	WB	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
Three (3) Ducted Indoor Units	12 + 12 + 12	0	-0.4	22.02	2.61	20.77	2.71	20.72	2.75	20.26	2.78	19.88	2.79	19.05	2.89
		5	4.5	25.26	2.67	24.10	2.77	23.73	2.83	23.23	2.86	22.82	2.89	21.90	2.98
		10	9	27.43	2.73	26.32	2.83	25.74	2.90	25.21	2.94	24.79	2.97	23.82	3.06
		17	15	29.81	2.81	28.78	2.90	27.95	2.99	**27.40**	**3.04**	26.96	3.08	25.92	3.17
		20	19	31.26	2.86	30.26	2.95	29.29	3.05	28.73	3.11	28.28	3.15	27.20	3.24
		25	23	33.66	2.96	32.67	3.04	31.53	3.16	30.93	3.22	30.46	3.27	29.31	3.36
		30	28	36.08	3.07	34.96	3.17	33.76	3.27	33.14	3.34	32.65	3.40	31.45	3.48
		35	32	38.49	3.18	37.27	3.29	36.00	3.37	35.35	3.45	34.83	3.52	33.58	3.60
		40	36	40.46	3.27	39.32	3.38	38.07	3.48	37.41	3.55	36.88	3.61	35.54	3.70
		45	41	42.91	3.38	41.88	3.50	40.65	3.61	39.97	3.67	39.43	3.72	38.00	3.83
		47	43	43.89	3.43	42.91	3.54	41.68	3.66	**41.00**	**3.72**	40.46	3.77	38.98	3.88
		50	46	44.02	3.41	43.13	3.51	42.06	3.61	41.45	3.67	40.96	3.71	39.58	3.81
		55	51	44.23	3.37	43.50	3.46	42.69	3.54	42.20	3.58	41.81	3.61	40.58	3.69
		60	56	44.45	3.34	43.87	3.40	43.33	3.46	42.96	3.49	42.66	3.51	41.57	3.56
		63	59	44.58	3.31	44.09	3.37	43.71	3.42	43.41	3.44	43.17	3.45	42.17	3.49
		68	64	44.70	3.29	44.31	3.34	44.09	3.37	43.87	3.38	43.69	3.39	42.77	3.42
	9 + 9 + 18	0	-0.4	22.02	2.61	20.77	2.71	20.72	2.75	20.26	2.78	19.88	2.79	19.05	2.89
		5	4.5	25.26	2.67	24.10	2.77	23.73	2.83	23.23	2.86	22.82	2.89	21.90	2.98
		10	9	27.43	2.73	26.32	2.83	25.74	2.90	25.21	2.94	24.79	2.97	23.82	3.06
		17	15	29.81	2.81	28.78	2.90	27.95	2.99	**27.40**	**3.04**	26.96	3.08	25.92	3.17
		20	19	31.26	2.86	30.26	2.95	29.29	3.05	28.73	3.11	28.28	3.15	27.20	3.24
		25	23	33.66	2.96	32.67	3.04	31.53	3.16	30.93	3.22	30.46	3.27	29.31	3.36
		30	28	36.08	3.07	34.96	3.17	33.76	3.27	33.14	3.34	32.65	3.40	31.45	3.48
		35	32	38.49	3.18	37.27	3.29	36.00	3.37	35.35	3.45	34.83	3.52	33.58	3.60
		40	36	40.46	3.27	39.32	3.38	38.07	3.48	37.41	3.55	36.88	3.61	35.54	3.70
		45	41	42.91	3.38	41.88	3.50	40.65	3.61	39.97	3.67	39.43	3.72	38.00	3.83
		47	43	43.89	3.43	42.91	3.54	41.68	3.66	**41.00**	**3.72**	40.46	3.77	38.98	3.88
		50	46	44.02	3.41	43.13	3.51	42.06	3.61	41.45	3.67	40.96	3.71	39.58	3.81
		55	51	44.23	3.37	43.50	3.46	42.69	3.54	42.20	3.58	41.81	3.61	40.58	3.69
		60	56	44.45	3.34	43.87	3.40	43.33	3.46	42.96	3.49	42.66	3.51	41.57	3.56
		63	59	44.58	3.31	44.09	3.37	43.71	3.42	43.41	3.44	43.17	3.45	42.17	3.49
		68	64	44.70	3.29	44.31	3.34	44.09	3.37	43.87	3.38	43.69	3.39	42.77	3.42
	9 + 12 + 18	0	-0.4	22.02	2.61	20.77	2.71	20.72	2.75	20.26	2.78	19.88	2.79	19.05	2.89
		5	4.5	25.26	2.67	24.10	2.77	23.73	2.83	23.23	2.86	22.82	2.89	21.90	2.98
		10	9	27.43	2.73	26.32	2.83	25.74	2.90	25.21	2.94	24.79	2.97	23.82	3.06
		17	15	29.81	2.81	28.78	2.90	27.95	2.99	**27.40**	**3.04**	26.96	3.08	25.92	3.17
		20	19	31.26	2.86	30.26	2.95	29.29	3.05	28.73	3.11	28.28	3.15	27.20	3.24
		25	23	33.66	2.96	32.67	3.04	31.53	3.16	30.93	3.22	30.46	3.27	29.31	3.36
		30	28	36.08	3.07	34.96	3.17	33.76	3.27	33.14	3.34	32.65	3.40	31.45	3.48
		35	32	38.49	3.18	37.27	3.29	36.00	3.37	35.35	3.45	34.83	3.52	33.58	3.60
		40	36	40.46	3.27	39.32	3.38	38.07	3.48	37.41	3.55	36.88	3.61	35.54	3.70
		45	41	42.91	3.38	41.88	3.50	40.65	3.61	39.97	3.67	39.43	3.72	38.00	3.83
		47	43	43.89	3.43	42.91	3.54	41.68	3.66	**41.00**	**3.72**	40.46	3.77	38.98	3.88
		50	46	44.02	3.41	43.13	3.51	42.06	3.61	41.45	3.67	40.96	3.71	39.58	3.81
		55	51	44.23	3.37	43.50	3.46	42.69	3.54	42.20	3.58	41.81	3.61	40.58	3.69
		60	56	44.45	3.34	43.87	3.40	43.33	3.46	42.96	3.49	42.66	3.51	41.57	3.56
		63	59	44.58	3.31	44.09	3.37	43.71	3.42	43.41	3.44	43.17	3.45	42.17	3.49
		68	64	44.70	3.29	44.31	3.34	44.09	3.37	43.87	3.38	43.69	3.39	42.77	3.42

TC = Total Capacity (kBtu/h).

PI = Power Input (kW).

Nominal capacity as rated: 0 ft. above sea level with 25 ft. of refrigerant piping.
0 ft. level difference between outdoor and indoor units.

Nominal heating capacity rating obtained with air entering the indoor unit at 70°F dry bulb (DB) and 60°F wet bulb (WB), and outdoor ambient conditions of 47°F dry bulb (DB) and 43°F wet bulb (WB).

Due to our policy of continuous product innovation, some specifications may change without notification.
©LG Electronics U.S.A., Inc., Englewood Cliffs, NJ. All rights reserved. "LG" is a registered trademark of LG Corp.

Table 98: LMU369HV Heating Capacity Table — Ducted Indoor Units (continued).

Connected Indoor Units	Combination Capacity Index	Outdoor Air Temp.		Indoor Air Temp. °F DB											
		°F	°F	61		64		68		70		72		75	
		DB	WB	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
Three (3) Ducted Indoor Units	12 + 12 + 18	0	-0.4	22.02	2.61	20.77	2.71	20.72	2.75	20.26	2.78	19.88	2.79	19.05	2.89
		5	4.5	25.26	2.67	24.10	2.77	23.73	2.83	23.23	2.86	22.82	2.89	21.90	2.98
		10	9	27.43	2.73	26.32	2.83	25.74	2.90	25.21	2.94	24.79	2.97	23.82	3.06
		17	15	29.81	2.81	28.78	2.90	27.95	2.99	**27.40**	**3.04**	26.96	3.08	25.92	3.17
		20	19	31.26	2.86	30.26	2.95	29.29	3.05	28.73	3.11	28.28	3.15	27.20	3.24
		25	23	33.66	2.96	32.67	3.04	31.53	3.16	30.93	3.22	30.46	3.27	29.31	3.36
		30	28	36.08	3.07	34.96	3.17	33.76	3.27	33.14	3.34	32.65	3.40	31.45	3.48
		35	32	38.49	3.18	37.27	3.29	36.00	3.37	35.35	3.45	34.83	3.52	33.58	3.60
		40	36	40.46	3.27	39.32	3.38	38.07	3.48	37.41	3.55	36.88	3.61	35.54	3.70
		45	41	42.91	3.38	41.88	3.50	40.65	3.61	39.97	3.67	39.43	3.72	38.00	3.83
		47	43	43.89	3.43	42.91	3.54	41.68	3.66	**41.00**	**3.72**	40.46	3.77	38.98	3.88
		50	46	44.02	3.41	43.13	3.51	42.06	3.61	41.45	3.67	40.96	3.71	39.58	3.81
		55	51	44.23	3.37	43.50	3.46	42.69	3.54	42.20	3.58	41.81	3.61	40.58	3.69
		60	56	44.45	3.34	43.87	3.40	43.33	3.46	42.96	3.49	42.66	3.51	41.57	3.56
		63	59	44.58	3.31	44.09	3.37	43.71	3.42	43.41	3.44	43.17	3.45	42.17	3.49
		68	64	44.70	3.29	44.31	3.34	44.09	3.37	43.87	3.38	43.69	3.39	42.77	3.42
	9 + 18 + 18	0	-0.4	22.02	2.61	20.77	2.71	20.72	2.75	20.26	2.78	19.88	2.79	19.05	2.89
		5	4.5	25.26	2.67	24.10	2.77	23.73	2.83	23.23	2.86	22.82	2.89	21.90	2.98
		10	9	27.43	2.73	26.32	2.83	25.74	2.90	25.21	2.94	24.79	2.97	23.82	3.06
		17	15	29.81	2.81	28.78	2.90	27.95	2.99	**27.40**	**3.04**	26.96	3.08	25.92	3.17
		20	19	31.26	2.86	30.26	2.95	29.29	3.05	28.73	3.11	28.28	3.15	27.20	3.24
		25	23	33.66	2.96	32.67	3.04	31.53	3.16	30.93	3.22	30.46	3.27	29.31	3.36
		30	28	36.08	3.07	34.96	3.17	33.76	3.27	33.14	3.34	32.65	3.40	31.45	3.48
		35	32	38.49	3.18	37.27	3.29	36.00	3.37	35.35	3.45	34.83	3.52	33.58	3.60
		40	36	40.46	3.27	39.32	3.38	38.07	3.48	37.41	3.55	36.88	3.61	35.54	3.70
		45	41	42.91	3.38	41.88	3.50	40.65	3.61	39.97	3.67	39.43	3.72	38.00	3.83
		47	43	43.89	3.43	42.91	3.54	41.68	3.66	**41.00**	**3.72**	40.46	3.77	38.98	3.88
		50	46	44.02	3.41	43.13	3.51	42.06	3.61	41.45	3.67	40.96	3.71	39.58	3.81
		55	51	44.23	3.37	43.50	3.46	42.69	3.54	42.20	3.58	41.81	3.61	40.58	3.69
		60	56	44.45	3.34	43.87	3.40	43.33	3.46	42.96	3.49	42.66	3.51	41.57	3.56
		63	59	44.58	3.31	44.09	3.37	43.71	3.42	43.41	3.44	43.17	3.45	42.17	3.49
		68	64	44.70	3.29	44.31	3.34	44.09	3.37	43.87	3.38	43.69	3.39	42.77	3.42
	12 + 18 + 18	0	-0.4	22.02	2.61	20.77	2.71	20.72	2.75	20.26	2.78	19.88	2.79	19.05	2.89
		5	4.5	25.26	2.67	24.10	2.77	23.73	2.83	23.23	2.86	22.82	2.89	21.90	2.98
		10	9	27.43	2.73	26.32	2.83	25.74	2.90	25.21	2.94	24.79	2.97	23.82	3.06
		17	15	29.81	2.81	28.78	2.90	27.95	2.99	**27.40**	**3.04**	26.96	3.08	25.92	3.17
		20	19	31.26	2.86	30.26	2.95	29.29	3.05	28.73	3.11	28.28	3.15	27.20	3.24
		25	23	33.66	2.96	32.67	3.04	31.53	3.16	30.93	3.22	30.46	3.27	29.31	3.36
		30	28	36.08	3.07	34.96	3.17	33.76	3.27	33.14	3.34	32.65	3.40	31.45	3.48
		35	32	38.49	3.18	37.27	3.29	36.00	3.37	35.35	3.45	34.83	3.52	33.58	3.60
		40	36	40.46	3.27	39.32	3.38	38.07	3.48	37.41	3.55	36.88	3.61	35.54	3.70
		45	41	42.91	3.38	41.88	3.50	40.65	3.61	39.97	3.67	39.43	3.72	38.00	3.83
		47	43	43.89	3.43	42.91	3.54	41.68	3.66	**41.00**	**3.72**	40.46	3.77	38.98	3.88
		50	46	44.02	3.41	43.13	3.51	42.06	3.61	41.45	3.67	40.96	3.71	39.58	3.81
		55	51	44.23	3.37	43.50	3.46	42.69	3.54	42.20	3.58	41.81	3.61	40.58	3.69
		60	56	44.45	3.34	43.87	3.40	43.33	3.46	42.96	3.49	42.66	3.51	41.57	3.56
		63	59	44.58	3.31	44.09	3.37	43.71	3.42	43.41	3.44	43.17	3.45	42.17	3.49
		68	64	44.70	3.29	44.31	3.34	44.09	3.37	43.87	3.38	43.69	3.39	42.77	3.42

TC = Total Capacity (kBtu/h).

PI = Power Input (kW).

Nominal capacity as rated: 0 ft. above sea level with 25 ft. of refrigerant piping.
0 ft. level difference between outdoor and indoor units.

Nominal heating capacity rating obtained with air entering the indoor unit at 70°F dry bulb (DB) and 60°F wet bulb (WB), and outdoor ambient conditions of 47°F dry bulb (DB) and 43°F wet bulb (WB).

Due to our policy of continuous product innovation, some specifications may change without notification.
©LG Electronics U.S.A., Inc., Englewood Cliffs, NJ. All rights reserved. "LG" is a registered trademark of LG Corp.

PERFORMANCE DATA

Heating Capacity Tables

Table 99: LMU369HV Heating Capacity Table — Ducted Indoor Units (continued).

Connected Indoor Units	Combination Capacity Index	Outdoor Air Temp.		Indoor Air Temp. °F DB											
		°F	°F	61		64		68		70		72		75	
		DB	WB	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
Four (4) Ducted Indoor Units	9 + 9 + 9 + 9	0	-0.4	22.02	2.61	20.77	2.71	20.72	2.75	20.26	2.78	19.88	2.79	19.05	2.89
		5	4.5	25.26	2.67	24.10	2.77	23.73	2.83	23.23	2.86	22.82	2.89	21.90	2.98
		10	9	27.43	2.73	26.32	2.83	25.74	2.90	25.21	2.94	24.79	2.97	23.82	3.06
		17	15	29.81	2.81	28.78	2.90	27.95	2.99	**27.40**	**3.04**	26.96	3.08	25.92	3.17
		20	19	31.26	2.86	30.26	2.95	29.29	3.05	28.73	3.11	28.28	3.15	27.20	3.24
		25	23	33.66	2.96	32.67	3.04	31.53	3.16	30.93	3.22	30.46	3.27	29.31	3.36
		30	28	36.08	3.07	34.96	3.17	33.76	3.27	33.14	3.34	32.65	3.40	31.45	3.48
		35	32	38.49	3.18	37.27	3.29	36.00	3.37	35.35	3.45	34.83	3.52	33.58	3.60
		40	36	40.46	3.27	39.32	3.38	38.07	3.48	37.41	3.55	36.88	3.61	35.54	3.70
		45	41	42.91	3.38	41.88	3.50	40.65	3.61	39.97	3.67	39.43	3.72	38.00	3.83
		47	43	43.89	3.43	42.91	3.54	41.68	3.66	**41.00**	**3.72**	40.46	3.77	38.98	3.88
		50	46	44.02	3.41	43.13	3.51	42.06	3.61	41.45	3.67	40.96	3.71	39.58	3.81
		55	51	44.23	3.37	43.50	3.46	42.69	3.54	42.20	3.58	41.81	3.61	40.58	3.69
		60	56	44.45	3.34	43.87	3.40	43.33	3.46	42.96	3.49	42.66	3.51	41.57	3.56
		63	59	44.58	3.31	44.09	3.37	43.71	3.42	43.41	3.44	43.17	3.45	42.17	3.49
		68	64	44.70	3.29	44.31	3.34	44.09	3.37	43.87	3.38	43.69	3.39	42.77	3.42
	9 + 9 + 9 + 12	0	-0.4	22.02	2.61	20.77	2.71	20.72	2.75	20.26	2.78	19.88	2.79	19.05	2.89
		5	4.5	25.26	2.67	24.10	2.77	23.73	2.83	23.23	2.86	22.82	2.89	21.90	2.98
		10	9	27.43	2.73	26.32	2.83	25.74	2.90	25.21	2.94	24.79	2.97	23.82	3.06
		17	15	29.81	2.81	28.78	2.90	27.95	2.99	**27.40**	**3.04**	26.96	3.08	25.92	3.17
		20	19	31.26	2.86	30.26	2.95	29.29	3.05	28.73	3.11	28.28	3.15	27.20	3.24
		25	23	33.66	2.96	32.67	3.04	31.53	3.16	30.93	3.22	30.46	3.27	29.31	3.36
		30	28	36.08	3.07	34.96	3.17	33.76	3.27	33.14	3.34	32.65	3.40	31.45	3.48
		35	32	38.49	3.18	37.27	3.29	36.00	3.37	35.35	3.45	34.83	3.52	33.58	3.60
		40	36	40.46	3.27	39.32	3.38	38.07	3.48	37.41	3.55	36.88	3.61	35.54	3.70
		45	41	42.91	3.38	41.88	3.50	40.65	3.61	39.97	3.67	39.43	3.72	38.00	3.83
		47	43	43.89	3.43	42.91	3.54	41.68	3.66	**41.00**	**3.72**	40.46	3.77	38.98	3.88
		50	46	44.02	3.41	43.13	3.51	42.06	3.61	41.45	3.67	40.96	3.71	39.58	3.81
		55	51	44.23	3.37	43.50	3.46	42.69	3.54	42.20	3.58	41.81	3.61	40.58	3.69
		60	56	44.45	3.34	43.87	3.40	43.33	3.46	42.96	3.49	42.66	3.51	41.57	3.56
		63	59	44.58	3.31	44.09	3.37	43.71	3.42	43.41	3.44	43.17	3.45	42.17	3.49
		68	64	44.70	3.29	44.31	3.34	44.09	3.37	43.87	3.38	43.69	3.39	42.77	3.42
	9 + 9 + 12 + 12	0	-0.4	22.02	2.61	20.77	2.71	20.72	2.75	20.26	2.78	19.88	2.79	19.05	2.89
		5	4.5	25.26	2.67	24.10	2.77	23.73	2.83	23.23	2.86	22.82	2.89	21.90	2.98
		10	9	27.43	2.73	26.32	2.83	25.74	2.90	25.21	2.94	24.79	2.97	23.82	3.06
		17	15	29.81	2.81	28.78	2.90	27.95	2.99	**27.40**	**3.04**	26.96	3.08	25.92	3.17
		20	19	31.26	2.86	30.26	2.95	29.29	3.05	28.73	3.11	28.28	3.15	27.20	3.24
		25	23	33.66	2.96	32.67	3.04	31.53	3.16	30.93	3.22	30.46	3.27	29.31	3.36
		30	28	36.08	3.07	34.96	3.17	33.76	3.27	33.14	3.34	32.65	3.40	31.45	3.48
		35	32	38.49	3.18	37.27	3.29	36.00	3.37	35.35	3.45	34.83	3.52	33.58	3.60
		40	36	40.46	3.27	39.32	3.38	38.07	3.48	37.41	3.55	36.88	3.61	35.54	3.70
		45	41	42.91	3.38	41.88	3.50	40.65	3.61	39.97	3.67	39.43	3.72	38.00	3.83
		47	43	43.89	3.43	42.91	3.54	41.68	3.66	**41.00**	**3.72**	40.46	3.77	38.98	3.88
		50	46	44.02	3.41	43.13	3.51	42.06	3.61	41.45	3.67	40.96	3.71	39.58	3.81
		55	51	44.23	3.37	43.50	3.46	42.69	3.54	42.20	3.58	41.81	3.61	40.58	3.69
		60	56	44.45	3.34	43.87	3.40	43.33	3.46	42.96	3.49	42.66	3.51	41.57	3.56
		63	59	44.58	3.31	44.09	3.37	43.71	3.42	43.41	3.44	43.17	3.45	42.17	3.49
		68	64	44.70	3.29	44.31	3.34	44.09	3.37	43.87	3.38	43.69	3.39	42.77	3.42

TC = Total Capacity (kBtu/h).

PI = Power Input (kW).

Nominal capacity as rated: 0 ft. above sea level with 25 ft. of refrigerant piping.
0 ft. level difference between outdoor and indoor units.

Nominal heating capacity rating obtained with air entering the indoor unit at 70°F dry bulb (DB) and 60°F wet bulb (WB), and outdoor ambient conditions of 47°F dry bulb (DB) and 43°F wet bulb (WB).

Due to our policy of continuous product innovation, some specifications may change without notification.
©LG Electronics U.S.A., Inc., Englewood Cliffs, NJ. All rights reserved. "LG" is a registered trademark of LG Corp.

Table 100: LMU369HV Heating Capacity Table — Ducted Indoor Units (continued).

Connected Indoor Units	Combination Capacity Index	Outdoor Air Temp.		Indoor Air Temp. °F DB											
		°F	°F	61		64		68		70		72		75	
		DB	WB	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
Four (4) Ducted Indoor Units	9 + 12 + 12 + 12	0	-0.4	22.02	2.61	20.77	2.71	20.72	2.75	20.26	2.78	19.88	2.79	19.05	2.89
		5	4.5	25.26	2.67	24.10	2.77	23.73	2.83	23.23	2.86	22.82	2.89	21.90	2.98
		10	9	27.43	2.73	26.32	2.83	25.74	2.90	25.21	2.94	24.79	2.97	23.82	3.06
		17	15	29.81	2.81	28.78	2.90	27.95	2.99	**27.40**	**3.04**	26.96	3.08	25.92	3.17
		20	19	31.26	2.86	30.26	2.95	29.29	3.05	28.73	3.11	28.28	3.15	27.20	3.24
		25	23	33.66	2.96	32.67	3.04	31.53	3.16	30.93	3.22	30.46	3.27	29.31	3.36
		30	28	36.08	3.07	34.96	3.17	33.76	3.27	33.14	3.34	32.65	3.40	31.45	3.48
		35	32	38.49	3.18	37.27	3.29	36.00	3.37	35.35	3.45	34.83	3.52	33.58	3.60
		40	36	40.46	3.27	39.32	3.38	38.07	3.48	37.41	3.55	36.88	3.61	35.54	3.70
		45	41	42.91	3.38	41.88	3.50	40.65	3.61	39.97	3.67	39.43	3.72	38.00	3.83
		47	43	43.89	3.43	42.91	3.54	41.68	3.66	**41.00**	**3.72**	40.46	3.77	38.98	3.88
		50	46	44.02	3.41	43.13	3.51	42.06	3.61	41.45	3.67	40.96	3.71	39.58	3.81
		55	51	44.23	3.37	43.50	3.46	42.69	3.54	42.20	3.58	41.81	3.61	40.58	3.69
		60	56	44.45	3.34	43.87	3.40	43.33	3.46	42.96	3.49	42.66	3.51	41.57	3.56
		63	59	44.58	3.31	44.09	3.37	43.71	3.42	43.41	3.44	43.17	3.45	42.17	3.49
		68	64	44.70	3.29	44.31	3.34	44.09	3.37	43.87	3.38	43.69	3.39	42.77	3.42
	9 + 9 + 9 + 18	0	-0.4	22.02	2.61	20.77	2.71	20.72	2.75	20.26	2.78	19.88	2.79	19.05	2.89
		5	4.5	25.26	2.67	24.10	2.77	23.73	2.83	23.23	2.86	22.82	2.89	21.90	2.98
		10	9	27.43	2.73	26.32	2.83	25.74	2.90	25.21	2.94	24.79	2.97	23.82	3.06
		17	15	29.81	2.81	28.78	2.90	27.95	2.99	**27.40**	**3.04**	26.96	3.08	25.92	3.17
		20	19	31.26	2.86	30.26	2.95	29.29	3.05	28.73	3.11	28.28	3.15	27.20	3.24
		25	23	33.66	2.96	32.67	3.04	31.53	3.16	30.93	3.22	30.46	3.27	29.31	3.36
		30	28	36.08	3.07	34.96	3.17	33.76	3.27	33.14	3.34	32.65	3.40	31.45	3.48
		35	32	38.49	3.18	37.27	3.29	36.00	3.37	35.35	3.45	34.83	3.52	33.58	3.60
		40	36	40.46	3.27	39.32	3.38	38.07	3.48	37.41	3.55	36.88	3.61	35.54	3.70
		45	41	42.91	3.38	41.88	3.50	40.65	3.61	39.97	3.67	39.43	3.72	38.00	3.83
		47	43	43.89	3.43	42.91	3.54	41.68	3.66	**41.00**	**3.72**	40.46	3.77	38.98	3.88
		50	46	44.02	3.41	43.13	3.51	42.06	3.61	41.45	3.67	40.96	3.71	39.58	3.81
		55	51	44.23	3.37	43.50	3.46	42.69	3.54	42.20	3.58	41.81	3.61	40.58	3.69
		60	56	44.45	3.34	43.87	3.40	43.33	3.46	42.96	3.49	42.66	3.51	41.57	3.56
		63	59	44.58	3.31	44.09	3.37	43.71	3.42	43.41	3.44	43.17	3.45	42.17	3.49
		68	64	44.70	3.29	44.31	3.34	44.09	3.37	43.87	3.38	43.69	3.39	42.77	3.42
	9 + 9 + 12 + 18	0	-0.4	22.02	2.61	20.77	2.71	20.72	2.75	20.26	2.78	19.88	2.79	19.05	2.89
		5	4.5	25.26	2.67	24.10	2.77	23.73	2.83	23.23	2.86	22.82	2.89	21.90	2.98
		10	9	27.43	2.73	26.32	2.83	25.74	2.90	25.21	2.94	24.79	2.97	23.82	3.06
		17	15	29.81	2.81	28.78	2.90	27.95	2.99	**27.40**	**3.04**	26.96	3.08	25.92	3.17
		20	19	31.26	2.86	30.26	2.95	29.29	3.05	28.73	3.11	28.28	3.15	27.20	3.24
		25	23	33.66	2.96	32.67	3.04	31.53	3.16	30.93	3.22	30.46	3.27	29.31	3.36
		30	28	36.08	3.07	34.96	3.17	33.76	3.27	33.14	3.34	32.65	3.40	31.45	3.48
		35	32	38.49	3.18	37.27	3.29	36.00	3.37	35.35	3.45	34.83	3.52	33.58	3.60
		40	36	40.46	3.27	39.32	3.38	38.07	3.48	37.41	3.55	36.88	3.61	35.54	3.70
		45	41	42.91	3.38	41.88	3.50	40.65	3.61	39.97	3.67	39.43	3.72	38.00	3.83
		47	43	43.89	3.43	42.91	3.54	41.68	3.66	**41.00**	**3.72**	40.46	3.77	38.98	3.88
		50	46	44.02	3.41	43.13	3.51	42.06	3.61	41.45	3.67	40.96	3.71	39.58	3.81
		55	51	44.23	3.37	43.50	3.46	42.69	3.54	42.20	3.58	41.81	3.61	40.58	3.69
		60	56	44.45	3.34	43.87	3.40	43.33	3.46	42.96	3.49	42.66	3.51	41.57	3.56
		63	59	44.58	3.31	44.09	3.37	43.71	3.42	43.41	3.44	43.17	3.45	42.17	3.49
		68	64	44.70	3.29	44.31	3.34	44.09	3.37	43.87	3.38	43.69	3.39	42.77	3.42

TC = Total Capacity (kBtu/h).

PI = Power Input (kW).

Nominal capacity as rated: 0 ft. above sea level with 25 ft. of refrigerant piping.
0 ft. level difference between outdoor and indoor units.

Nominal heating capacity rating obtained with air entering the indoor unit at 70°F dry bulb (DB) and 60°F wet bulb (WB), and outdoor ambient conditions of 47°F dry bulb (DB) and 43°F wet bulb (WB).

Due to our policy of continuous product innovation, some specifications may change without notification.
©LG Electronics U.S.A., Inc., Englewood Cliffs, NJ. All rights reserved. "LG" is a registered trademark of LG Corp.

PERFORMANCE DATA

Heating Capacity Tables

Table 101: LMU369HV Heating Capacity Table — Ducted Indoor Units (continued) / Mixed Indoor Units.

Connected Indoor Units	Combination Capacity Index	Outdoor Air Temp.		Indoor Air Temp. °F DB											
		°F	°F	61		64		68		70		72		75	
		DB	WB	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
Four (4) Ducted Indoor Units	12 + 12 + 12 + 12	0	-0.4	22.02	2.61	20.77	2.71	20.72	2.75	20.26	2.78	19.88	2.79	19.05	2.89
		5	4.5	25.26	2.67	24.10	2.77	23.73	2.83	23.23	2.86	22.82	2.89	21.90	2.98
		10	9	27.43	2.73	26.32	2.83	25.74	2.90	25.21	2.94	24.79	2.97	23.82	3.06
		17	15	29.81	2.81	28.78	2.90	27.95	2.99	**27.40**	**3.04**	26.96	3.08	25.92	3.17
		20	19	31.26	2.86	30.26	2.95	29.29	3.05	28.73	3.11	28.28	3.15	27.20	3.24
		25	23	33.66	2.96	32.67	3.04	31.53	3.16	30.93	3.22	30.46	3.27	29.31	3.36
		30	28	36.08	3.07	34.96	3.17	33.76	3.27	33.14	3.34	32.65	3.40	31.45	3.48
		35	32	38.49	3.18	37.27	3.29	36.00	3.37	35.35	3.45	34.83	3.52	33.58	3.60
		40	36	40.46	3.27	39.32	3.38	38.07	3.48	37.41	3.55	36.88	3.61	35.54	3.70
		45	41	42.91	3.38	41.88	3.50	40.65	3.61	39.97	3.67	39.43	3.72	38.00	3.83
		47	43	43.89	3.43	42.91	3.54	41.68	3.66	**41.00**	**3.72**	40.46	3.77	38.98	3.88
		50	46	44.02	3.41	43.13	3.51	42.06	3.61	41.45	3.67	40.96	3.71	39.58	3.81
		55	51	44.23	3.37	43.50	3.46	42.69	3.54	42.20	3.58	41.81	3.61	40.58	3.69
		60	56	44.45	3.34	43.87	3.40	43.33	3.46	42.96	3.49	42.66	3.51	41.57	3.56
		63	59	44.58	3.31	44.09	3.37	43.71	3.42	43.41	3.44	43.17	3.45	42.17	3.49
		68	64	44.70	3.29	44.31	3.34	44.09	3.37	43.87	3.38	43.69	3.39	42.77	3.42
Two (2) Mixed Indoor Units	9 + 9	0	-0.4	10.39	1.47	9.79	1.53	9.78	1.55	9.56	1.57	9.38	1.58	8.98	1.63
		5	4.5	12.17	1.51	11.60	1.57	11.43	1.60	11.19	1.62	10.99	1.63	10.55	1.69
		10	9	13.36	1.55	12.82	1.60	12.53	1.64	12.28	1.67	12.07	1.68	11.60	1.74
		17	15	14.67	1.60	14.16	1.65	13.75	1.70	**13.48**	**1.73**	13.26	1.75	12.75	1.80
		20	19	15.46	1.63	14.97	1.68	14.49	1.74	14.21	1.77	13.99	1.79	13.45	1.84
		25	23	16.78	1.69	16.29	1.74	15.72	1.80	15.42	1.84	15.18	1.87	14.61	1.92
		30	28	18.11	1.75	17.55	1.81	16.95	1.87	16.63	1.91	16.39	1.94	15.78	1.99
		35	32	19.43	1.82	18.82	1.88	18.17	1.93	17.85	1.98	17.59	2.01	16.95	2.06
		40	36	20.42	1.87	19.85	1.94	19.22	1.99	18.89	2.03	18.62	2.07	17.94	2.12
		45	41	21.66	1.94	21.15	2.00	20.52	2.06	20.18	2.10	19.91	2.13	19.19	2.19
		47	43	22.16	1.96	21.66	2.03	21.04	2.09	**20.70**	**2.13**	20.42	2.16	19.68	2.22
		50	46	22.22	1.95	21.77	2.01	21.24	2.07	20.93	2.10	20.68	2.12	19.98	2.18
		55	51	22.33	1.93	21.96	1.98	21.56	2.03	21.31	2.05	21.11	2.07	20.49	2.11
		60	56	22.44	1.91	22.15	1.95	21.88	1.98	21.69	2.00	21.54	2.01	20.99	2.04
		63	59	22.51	1.90	22.26	1.93	22.07	1.96	21.92	1.97	21.80	1.98	21.29	2.00
		68	64	22.57	1.89	22.37	1.91	22.26	1.93	22.15	1.94	22.06	1.94	21.59	1.96
	9 + 12	0	-0.4	12.12	1.76	11.42	1.83	11.41	1.86	11.15	1.88	10.94	1.89	10.48	1.96
		5	4.5	14.20	1.81	13.54	1.88	13.33	1.92	13.05	1.94	12.83	1.95	12.31	2.02
		10	9	15.58	1.85	14.96	1.92	14.62	1.97	14.33	1.99	14.09	2.01	13.53	2.08
		17	15	17.11	1.91	16.52	1.97	16.04	2.03	**15.73**	**2.07**	15.48	2.10	14.88	2.16
		20	19	18.04	1.95	17.46	2.01	16.90	2.08	16.58	2.12	16.32	2.15	15.70	2.21
		25	23	19.58	2.02	19.00	2.08	18.34	2.16	17.99	2.20	17.71	2.24	17.05	2.29
		30	28	21.13	2.10	20.47	2.17	19.77	2.23	19.41	2.28	19.12	2.32	18.41	2.38
		35	32	22.67	2.18	21.95	2.25	21.20	2.31	20.82	2.37	20.52	2.41	19.78	2.47
		40	36	23.83	2.24	23.16	2.32	22.42	2.38	22.03	2.43	21.72	2.47	20.94	2.54
		45	41	25.27	2.32	24.67	2.40	23.94	2.47	23.55	2.52	23.23	2.55	22.38	2.63
		47	43	25.85	2.35	25.27	2.43	24.55	2.51	**24.15**	**2.55**	23.83	2.58	22.96	2.66
		50	46	25.93	2.34	25.40	2.41	24.78	2.48	24.42	2.51	24.13	2.54	23.31	2.61
		55	51	26.05	2.31	25.62	2.37	25.15	2.43	24.86	2.45	24.63	2.47	23.90	2.53
		60	56	26.18	2.29	25.84	2.33	25.52	2.37	25.30	2.39	25.13	2.41	24.49	2.44
		63	59	26.26	2.27	25.97	2.31	25.75	2.34	25.57	2.36	25.43	2.36	24.84	2.39
		68	64	26.33	2.26	26.10	2.29	25.97	2.31	25.84	2.32	25.73	2.32	25.19	2.34

TC = Total Capacity (kBtu/h).

PI = Power Input (kW).

Nominal capacity as rated: 0 ft. above sea level with 25 ft. of refrigerant piping.
0 ft. level difference between outdoor and indoor units.

Nominal heating capacity rating obtained with air entering the indoor unit at 70°F dry bulb (DB) and 60°F wet bulb (WB), and outdoor ambient conditions of 47°F dry bulb (DB) and 43°F wet bulb (WB).

Due to our policy of continuous product innovation, some specifications may change without notification.
©LG Electronics U.S.A., Inc., Englewood Cliffs, NJ. All rights reserved. "LG" is a registered trademark of LG Corp.

PERFORMANCE DATA

Heating Capacity Tables

Table 102: LMU369HV Heating Capacity Table — Mixed Indoor Units (continued).

Connected Indoor Units	Combination Capacity Index	Outdoor Air Temp.		Indoor Air Temp. °F DB											
		°F	°F	61		64		68		70		72		75	
		DB	WB	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
Two (2) Mixed Indoor Units	12 + 12	0	-0.4	13.85	1.83	13.05	1.90	13.04	1.93	12.74	1.94	12.50	1.96	11.98	2.03
		5	4.5	16.22	1.88	15.47	1.94	15.24	1.98	14.92	2.01	14.66	2.02	14.07	2.09
		10	9	17.81	1.92	17.09	1.99	16.71	2.04	16.37	2.06	16.10	2.09	15.47	2.15
		17	15	19.56	1.98	18.88	2.04	18.33	2.11	**17.97**	**2.14**	17.69	2.17	17.01	2.23
		20	19	20.61	2.02	19.96	2.08	19.32	2.15	18.94	2.19	18.65	2.22	17.94	2.29
		25	23	22.38	2.09	21.71	2.15	20.96	2.23	20.56	2.28	20.24	2.31	19.48	2.38
		30	28	24.15	2.17	23.40	2.24	22.59	2.31	22.18	2.36	21.85	2.40	21.05	2.47
		35	32	25.91	2.25	25.09	2.33	24.23	2.39	23.80	2.45	23.45	2.49	22.60	2.56
		40	36	27.23	2.32	26.47	2.40	25.62	2.47	25.18	2.52	24.83	2.56	23.93	2.63
		45	41	28.88	2.40	28.19	2.48	27.36	2.56	26.91	2.61	26.55	2.64	25.58	2.72
		47	43	29.54	2.43	28.88	2.51	28.06	2.60	**27.60**	**2.64**	27.23	2.68	26.24	2.76
		50	46	29.63	2.42	29.03	2.49	28.31	2.56	27.90	2.60	27.58	2.63	26.64	2.70
		55	51	29.78	2.39	29.28	2.45	28.74	2.51	28.41	2.54	28.15	2.56	27.31	2.62
		60	56	29.92	2.37	29.53	2.41	29.17	2.46	28.92	2.48	28.72	2.49	27.98	2.53
		63	59	30.01	2.35	29.68	2.39	29.42	2.43	29.22	2.44	29.06	2.45	28.39	2.48
		68	64	30.09	2.34	29.83	2.37	29.68	2.39	29.53	2.40	29.41	2.41	28.79	2.43
	9 + 18	0	-0.4	15.58	2.05	14.68	2.13	14.67	2.16	14.33	2.18	14.07	2.19	13.47	2.27
		5	4.5	18.25	2.10	17.40	2.18	17.14	2.22	16.78	2.25	16.49	2.27	15.83	2.34
		10	9	20.04	2.15	19.23	2.23	18.80	2.28	18.42	2.31	18.11	2.34	17.40	2.41
		17	15	22.00	2.22	21.24	2.29	20.62	2.36	**20.22**	**2.40**	19.90	2.43	19.13	2.50
		20	19	23.19	2.26	22.45	2.33	21.73	2.41	21.31	2.46	20.98	2.49	20.18	2.56
		25	23	25.17	2.34	24.43	2.41	23.58	2.50	23.13	2.55	22.78	2.59	21.92	2.66
		30	28	27.16	2.44	26.32	2.52	25.42	2.59	24.95	2.65	24.58	2.70	23.68	2.76
		35	32	29.15	2.53	28.22	2.62	27.26	2.68	26.77	2.75	26.38	2.80	25.43	2.86
		40	36	30.64	2.60	29.78	2.69	28.83	2.77	28.33	2.82	27.93	2.87	26.92	2.95
		45	41	32.49	2.69	31.72	2.78	30.78	2.87	30.27	2.92	29.86	2.96	28.78	3.05
		47	43	33.24	2.73	32.49	2.82	31.57	2.91	**31.05**	**2.96**	30.64	3.00	29.52	3.09
		50	46	33.33	2.71	32.66	2.79	31.85	2.87	31.39	2.92	31.02	2.95	29.98	3.03
		55	51	33.50	2.68	32.94	2.75	32.33	2.82	31.96	2.85	31.67	2.87	30.73	2.93
		60	56	33.66	2.65	33.22	2.71	32.81	2.76	32.53	2.78	32.31	2.79	31.48	2.84
		63	59	33.76	2.64	33.39	2.68	33.10	2.72	32.87	2.73	32.69	2.75	31.93	2.78
		68	64	33.86	2.62	33.56	2.65	33.39	2.69	33.22	2.69	33.08	2.70	32.39	2.72
	12 + 18	0	-0.4	17.32	2.28	16.31	2.36	16.30	2.40	15.93	2.42	15.63	2.44	14.97	2.52
		5	4.5	20.28	2.34	19.34	2.42	19.05	2.47	18.64	2.50	18.32	2.52	17.58	2.61
		10	9	22.26	2.39	21.37	2.47	20.89	2.54	20.47	2.57	20.12	2.60	19.33	2.68
		17	15	24.45	2.47	23.60	2.55	22.92	2.62	**22.47**	**2.67**	22.11	2.70	21.26	2.78
		20	19	25.77	2.52	24.95	2.59	24.14	2.68	23.68	2.73	23.31	2.77	22.42	2.85
		25	23	27.97	2.61	27.14	2.68	26.20	2.78	25.70	2.84	25.31	2.88	24.35	2.96
		30	28	30.18	2.71	29.25	2.80	28.24	2.88	27.72	2.95	27.31	3.00	26.31	3.07
		35	32	32.39	2.81	31.36	2.91	30.29	2.98	29.75	3.05	29.31	3.11	28.25	3.18
		40	36	34.04	2.89	33.08	2.99	32.03	3.07	31.48	3.14	31.03	3.19	29.91	3.28
		45	41	36.10	2.99	35.24	3.09	34.20	3.19	33.64	3.25	33.18	3.29	31.98	3.39
		47	43	36.93	3.03	36.10	3.13	35.07	3.23	**34.50**	**3.29**	34.04	3.33	32.80	3.43
		50	46	37.04	3.01	36.29	3.10	35.39	3.19	34.88	3.24	34.47	3.28	33.31	3.37
		55	51	37.22	2.98	36.60	3.06	35.93	3.13	35.51	3.16	35.18	3.19	34.14	3.26
		60	56	37.40	2.95	36.91	3.01	36.46	3.06	36.15	3.09	35.90	3.10	34.98	3.15
		63	59	37.51	2.93	37.10	2.98	36.78	3.02	36.53	3.04	36.33	3.05	35.48	3.09
		68	64	37.62	2.91	37.29	2.95	37.10	2.98	36.91	2.99	36.76	3.00	35.99	3.02

TC = Total Capacity (kBtu/h).

PI = Power Input (kW).

Nominal capacity as rated: 0 ft. above sea level with 25 ft. of refrigerant piping.
0 ft. level difference between outdoor and indoor units.

Nominal heating capacity rating obtained with air entering the indoor unit at 70°F dry bulb (DB) and 60°F wet bulb (WB), and outdoor ambient conditions of 47°F dry bulb (DB) and 43°F wet bulb (WB).

Due to our policy of continuous product innovation, some specifications may change without notification.
©LG Electronics U.S.A., Inc., Englewood Cliffs, NJ. All rights reserved. "LG" is a registered trademark of LG Corp.

PERFORMANCE DATA

Heating Capacity Tables

Table 103: LMU369HV Heating Capacity Table — Mixed Indoor Units (continued).

Connected Indoor Units	Combination Capacity Index	Outdoor Air Temp.		Indoor Air Temp. °F DB											
		°F	°F	61		64		68		70		72		75	
		DB	WB	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
Two (2) Mixed Indoor Units	18 + 18	0	-0.4	18.07	2.37	17.02	2.46	17.01	2.50	16.62	2.52	16.31	2.54	15.62	2.63
		5	4.5	21.16	2.44	20.18	2.52	19.88	2.58	19.46	2.61	19.12	2.63	18.35	2.72
		10	9	23.23	2.49	22.29	2.58	21.80	2.65	21.35	2.68	21.00	2.71	20.17	2.80
		17	15	25.51	2.57	24.62	2.65	23.91	2.74	**23.44**	**2.78**	23.07	2.82	22.18	2.90
		20	19	26.89	2.62	26.03	2.70	25.19	2.80	24.71	2.85	24.32	2.89	23.40	2.97
		25	23	29.19	2.72	28.32	2.80	27.34	2.90	26.82	2.96	26.41	3.01	25.41	3.09
		30	28	31.49	2.82	30.52	2.92	29.47	3.01	28.93	3.07	28.50	3.12	27.45	3.20
		35	32	33.80	2.93	32.72	3.03	31.61	3.11	31.04	3.18	30.59	3.24	29.48	3.32
		40	36	35.52	3.01	34.52	3.12	33.42	3.21	32.84	3.27	32.38	3.33	31.21	3.41
		45	41	37.67	3.12	36.77	3.22	35.69	3.32	35.10	3.39	34.62	3.43	33.37	3.53
		47	43	38.54	3.16	37.67	3.27	36.60	3.37	**36.00**	**3.43**	35.52	3.48	34.23	3.58
		50	46	38.65	3.14	37.87	3.24	36.93	3.33	36.40	3.38	35.97	3.42	34.75	3.51
		55	51	38.84	3.11	38.19	3.19	37.49	3.26	37.06	3.30	36.71	3.33	35.63	3.40
		60	56	39.03	3.08	38.52	3.14	38.04	3.19	37.72	3.22	37.46	3.24	36.50	3.29
		63	59	39.14	3.06	38.71	3.11	38.38	3.15	38.12	3.17	37.91	3.18	37.02	3.22
		68	64	39.25	3.04	38.91	3.08	38.71	3.11	38.52	3.12	38.36	3.13	37.56	3.15
	24 + 9	0	-0.4	19.07	2.50	17.96	2.59	17.95	2.63	17.54	2.66	17.22	2.67	16.49	2.77
		5	4.5	22.34	2.56	21.30	2.66	20.98	2.71	20.54	2.74	20.18	2.77	19.37	2.86
		10	9	24.52	2.63	23.53	2.72	23.01	2.78	22.54	2.82	22.17	2.85	21.29	2.94
		17	15	26.93	2.71	25.99	2.79	25.24	2.88	**24.75**	**2.93**	24.35	2.97	23.41	3.05
		20	19	28.38	2.76	27.48	2.85	26.59	2.94	26.08	3.00	25.67	3.04	24.70	3.13
		25	23	30.81	2.86	29.90	2.94	28.86	3.05	28.31	3.12	27.87	3.16	26.82	3.25
		30	28	33.24	2.97	32.22	3.07	31.11	3.16	30.54	3.23	30.08	3.29	28.98	3.37
		35	32	35.68	3.08	34.54	3.19	33.36	3.27	32.77	3.35	32.29	3.41	31.12	3.49
		40	36	37.50	3.17	36.44	3.28	35.28	3.37	34.67	3.44	34.18	3.50	32.94	3.59
		45	41	39.77	3.28	38.82	3.39	37.67	3.50	37.05	3.56	36.55	3.61	35.22	3.72
		47	43	40.68	3.33	39.77	3.44	38.63	3.55	**38.00**	**3.61**	37.50	3.66	36.13	3.77
		50	46	40.80	3.31	39.97	3.41	38.98	3.51	38.42	3.56	37.97	3.60	36.68	3.70
		55	51	41.00	3.27	40.32	3.35	39.57	3.43	39.12	3.47	38.75	3.50	37.61	3.58
		60	56	41.19	3.24	40.66	3.30	40.16	3.36	39.81	3.39	39.54	3.41	38.53	3.46
		63	59	41.31	3.22	40.86	3.27	40.51	3.32	40.23	3.33	40.01	3.35	39.08	3.39
		68	64	41.43	3.20	41.07	3.24	40.87	3.27	40.66	3.28	40.49	3.29	39.64	3.32
	24 + 12	0	-0.4	19.07	2.50	17.96	2.59	17.95	2.63	17.54	2.66	17.22	2.67	16.49	2.77
		5	4.5	22.34	2.56	21.30	2.66	20.98	2.71	20.54	2.74	20.18	2.77	19.37	2.86
		10	9	24.52	2.63	23.53	2.72	23.01	2.78	22.54	2.82	22.17	2.85	21.29	2.94
		17	15	26.93	2.71	25.99	2.79	25.24	2.88	**24.75**	**2.93**	24.35	2.97	23.41	3.05
		20	19	28.38	2.76	27.48	2.85	26.59	2.94	26.08	3.00	25.67	3.04	24.70	3.13
		25	23	30.81	2.86	29.90	2.94	28.86	3.05	28.31	3.12	27.87	3.16	26.82	3.25
		30	28	33.24	2.97	32.22	3.07	31.11	3.16	30.54	3.23	30.08	3.29	28.98	3.37
		35	32	35.68	3.08	34.54	3.19	33.36	3.27	32.77	3.35	32.29	3.41	31.12	3.49
		40	36	37.50	3.17	36.44	3.28	35.28	3.37	34.67	3.44	34.18	3.50	32.94	3.59
		45	41	39.77	3.28	38.82	3.39	37.67	3.50	37.05	3.56	36.55	3.61	35.22	3.72
		47	43	40.68	3.33	39.77	3.44	38.63	3.55	**38.00**	**3.61**	37.50	3.66	36.13	3.77
		50	46	40.80	3.31	39.97	3.41	38.98	3.51	38.42	3.56	37.97	3.60	36.68	3.70
		55	51	41.00	3.27	40.32	3.35	39.57	3.43	39.12	3.47	38.75	3.50	37.61	3.58
		60	56	41.19	3.24	40.66	3.30	40.16	3.36	39.81	3.39	39.54	3.41	38.53	3.46
		63	59	41.31	3.22	40.86	3.27	40.51	3.32	40.23	3.33	40.01	3.35	39.08	3.39
		68	64	41.43	3.20	41.07	3.24	40.87	3.27	40.66	3.28	40.49	3.29	39.64	3.32

TC = Total Capacity (kBtu/h).

PI = Power Input (kW).

Nominal capacity as rated: 0 ft. above sea level with 25 ft. of refrigerant piping.
0 ft. level difference between outdoor and indoor units.

Nominal heating capacity rating obtained with air entering the indoor unit at 70°F dry bulb (DB) and 60°F wet bulb (WB), and outdoor ambient conditions of 47°F dry bulb (DB) and 43°F wet bulb (WB).

Due to our policy of continuous product innovation, some specifications may change without notification.
©LG Electronics U.S.A., Inc., Englewood Cliffs, NJ. All rights reserved. "LG" is a registered trademark of LG Corp.

Table 104: LMU369HV Heating Capacity Table — Mixed Indoor Units (continued).

Connected Indoor Units	Combination Capacity Index	Outdoor Air Temp.		Indoor Air Temp. °F DB											
		°F	°F	61		64		68		70		72		75	
		DB	WB	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
Three (3) Mixed Indoor Units	9 + 9 + 9	0	-0.4	15.58	2.05	14.68	2.13	14.67	2.16	14.33	2.18	14.07	2.19	13.47	2.27
		5	4.5	18.25	2.10	17.40	2.18	17.14	2.22	16.78	2.25	16.49	2.27	15.83	2.34
		10	9	20.04	2.15	19.23	2.23	18.80	2.28	18.42	2.31	18.11	2.34	17.40	2.41
		17	15	22.00	2.22	21.24	2.29	20.62	2.36	**20.22**	**2.40**	19.90	2.43	19.13	2.50
		20	19	23.19	2.26	22.45	2.33	21.73	2.41	21.31	2.46	20.98	2.49	20.18	2.56
		25	23	25.17	2.34	24.43	2.41	23.58	2.50	23.13	2.55	22.78	2.59	21.92	2.66
		30	28	27.16	2.44	26.32	2.52	25.42	2.59	24.95	2.65	24.58	2.70	23.68	2.76
		35	32	29.15	2.53	28.22	2.62	27.26	2.68	26.77	2.75	26.38	2.80	25.43	2.86
		40	36	30.64	2.60	29.78	2.69	28.83	2.77	28.33	2.82	27.93	2.87	26.92	2.95
		45	41	32.49	2.69	31.72	2.78	30.78	2.87	30.27	2.92	29.86	2.96	28.78	3.05
		47	43	33.24	2.73	32.49	2.82	31.57	2.91	**31.05**	**2.96**	30.64	3.00	29.52	3.09
		50	46	33.33	2.71	32.66	2.79	31.85	2.87	31.39	2.92	31.02	2.95	29.98	3.03
		55	51	33.50	2.68	32.94	2.75	32.33	2.82	31.96	2.85	31.67	2.87	30.73	2.93
		60	56	33.66	2.65	33.22	2.71	32.81	2.76	32.53	2.78	32.31	2.79	31.48	2.84
		63	59	33.76	2.64	33.39	2.68	33.10	2.72	32.87	2.73	32.69	2.75	31.93	2.78
		68	64	33.86	2.62	33.56	2.65	33.39	2.69	33.22	2.69	33.08	2.70	32.39	2.72
	9 + 9 + 12	0	-0.4	17.32	2.28	16.31	2.36	16.30	2.40	15.93	2.42	15.63	2.44	14.97	2.52
		5	4.5	20.28	2.34	19.34	2.42	19.05	2.47	18.64	2.50	18.32	2.52	17.58	2.61
		10	9	22.26	2.39	21.37	2.47	20.89	2.54	20.47	2.57	20.12	2.60	19.33	2.68
		17	15	24.45	2.47	23.60	2.55	22.92	2.62	**22.47**	**2.67**	22.11	2.70	21.26	2.78
		20	19	25.77	2.52	24.95	2.59	24.14	2.68	23.68	2.73	23.31	2.77	22.42	2.85
		25	23	27.97	2.61	27.14	2.68	26.20	2.78	25.70	2.84	25.31	2.88	24.35	2.96
		30	28	30.18	2.71	29.25	2.80	28.24	2.88	27.72	2.95	27.31	3.00	26.31	3.07
		35	32	32.39	2.81	31.36	2.91	30.29	2.98	29.75	3.05	29.31	3.11	28.25	3.18
		40	36	34.04	2.89	33.08	2.99	32.03	3.07	31.48	3.14	31.03	3.19	29.91	3.28
		45	41	36.10	2.99	35.24	3.09	34.20	3.19	33.64	3.25	33.18	3.29	31.98	3.39
		47	43	36.93	3.03	36.10	3.13	35.07	3.23	**34.50**	**3.29**	34.04	3.33	32.80	3.43
		50	46	37.04	3.01	36.29	3.10	35.39	3.19	34.88	3.24	34.47	3.28	33.31	3.37
		55	51	37.22	2.98	36.60	3.06	35.93	3.13	35.51	3.16	35.18	3.19	34.14	3.26
		60	56	37.40	2.95	36.91	3.01	36.46	3.06	36.15	3.09	35.90	3.10	34.98	3.15
		63	59	37.51	2.93	37.10	2.98	36.78	3.02	36.53	3.04	36.33	3.05	35.48	3.09
		68	64	37.62	2.91	37.29	2.95	37.10	2.98	36.91	2.99	36.76	3.00	35.99	3.02
	9 + 12 + 12	0	-0.4	19.05	2.41	17.94	2.50	17.93	2.54	17.52	2.56	17.19	2.58	16.47	2.67
		5	4.5	22.31	2.47	21.27	2.56	20.95	2.61	20.51	2.64	20.15	2.67	19.34	2.76
		10	9	24.49	2.53	23.50	2.62	22.98	2.68	22.51	2.72	22.14	2.75	21.27	2.84
		17	15	26.89	2.61	25.96	2.69	25.21	2.78	**24.71**	**2.82**	24.32	2.86	23.38	2.94
		20	19	28.35	2.66	27.44	2.74	26.56	2.84	26.05	2.89	25.64	2.93	24.67	3.01
		25	23	30.77	2.76	29.86	2.84	28.82	2.94	28.27	3.00	27.84	3.05	26.79	3.13
		30	28	33.20	2.86	32.17	2.96	31.07	3.05	30.50	3.12	30.04	3.17	28.94	3.25
		35	32	35.63	2.97	34.50	3.08	33.32	3.16	32.72	3.23	32.24	3.29	31.08	3.37
		40	36	37.45	3.06	36.39	3.16	35.23	3.25	34.62	3.32	34.13	3.38	32.90	3.46
		45	41	39.72	3.17	38.77	3.27	37.62	3.37	37.00	3.43	36.50	3.48	35.17	3.59
		47	43	40.62	3.21	39.72	3.31	38.58	3.42	**37.95**	**3.48**	37.45	3.53	36.08	3.63
		50	46	40.74	3.19	39.92	3.28	38.93	3.38	38.37	3.43	37.92	3.47	36.64	3.56
		55	51	40.94	3.15	40.26	3.23	39.52	3.31	39.07	3.35	38.70	3.38	37.56	3.45
		60	56	41.14	3.12	40.60	3.18	40.11	3.24	39.76	3.26	39.49	3.28	38.48	3.33
		63	59	41.26	3.10	40.81	3.15	40.46	3.20	40.18	3.21	39.96	3.23	39.03	3.27
		68	64	41.38	3.08	41.02	3.12	40.81	3.16	40.60	3.17	40.44	3.17	39.59	3.20

TC = Total Capacity (kBtu/h).

PI = Power Input (kW).

Nominal capacity as rated: 0 ft. above sea level with 25 ft. of refrigerant piping.
0 ft. level difference between outdoor and indoor units.

Nominal heating capacity rating obtained with air entering the indoor unit at 70°F dry bulb (DB) and 60°F wet bulb (WB), and outdoor ambient conditions of 47°F dry bulb (DB) and 43°F wet bulb (WB).

Due to our policy of continuous product innovation, some specifications may change without notification.
©LG Electronics U.S.A., Inc., Englewood Cliffs, NJ. All rights reserved. "LG" is a registered trademark of LG Corp.

PERFORMANCE DATA

Heating Capacity Tables

Table 105: LMU369HV Heating Capacity Table — Mixed Indoor Units (continued).

Connected Indoor Units	Combination Capacity Index	Outdoor Air Temp.		Indoor Air Temp. °F DB											
		°F	°F	61		64		68		70		72		75	
		DB	WB	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
Three (3) Mixed Indoor Units	12 + 12 + 12	0	-0.4	20.58	2.53	19.38	2.62	19.37	2.66	18.93	2.69	18.58	2.70	17.79	2.80
		5	4.5	24.10	2.59	22.98	2.69	22.64	2.74	22.16	2.77	21.77	2.80	20.90	2.89
		10	9	26.46	2.65	25.39	2.75	24.83	2.81	24.32	2.85	23.92	2.88	22.98	2.97
		17	15	29.05	2.74	28.04	2.82	27.23	2.91	**26.70**	**2.96**	26.27	3.00	25.26	3.09
		20	19	30.62	2.79	29.65	2.88	28.69	2.98	28.14	3.03	27.70	3.08	26.65	3.16
		25	23	33.24	2.89	32.26	2.98	31.13	3.09	30.55	3.15	30.07	3.20	28.94	3.28
		30	28	35.87	3.00	34.76	3.10	33.56	3.20	32.95	3.27	32.46	3.32	31.26	3.41
		35	32	38.49	3.12	37.27	3.23	36.00	3.31	35.35	3.39	34.83	3.45	33.58	3.53
		40	36	40.46	3.21	39.32	3.32	38.07	3.41	37.41	3.48	36.88	3.54	35.54	3.63
		45	41	42.91	3.32	41.88	3.43	40.65	3.54	39.97	3.60	39.43	3.65	38.00	3.76
		47	43	43.89	3.37	42.91	3.48	41.68	3.59	**41.00**	**3.65**	40.46	3.70	38.98	3.81
		50	46	44.02	3.34	43.13	3.44	42.06	3.54	41.45	3.60	40.96	3.64	39.58	3.74
		55	51	44.23	3.31	43.50	3.39	42.69	3.47	42.20	3.51	41.81	3.54	40.58	3.62
		60	56	44.45	3.27	43.87	3.34	43.33	3.40	42.96	3.42	42.66	3.44	41.57	3.50
		63	59	44.58	3.25	44.09	3.30	43.71	3.35	43.41	3.37	43.17	3.39	42.17	3.43
		68	64	44.70	3.23	44.31	3.27	44.09	3.31	43.87	3.32	43.69	3.33	42.77	3.35
	9 + 9 + 18	0	-0.4	20.58	2.53	19.38	2.62	19.37	2.66	18.93	2.69	18.58	2.70	17.79	2.80
		5	4.5	24.10	2.59	22.98	2.69	22.64	2.74	22.16	2.77	21.77	2.80	20.90	2.89
		10	9	26.46	2.65	25.39	2.75	24.83	2.81	24.32	2.85	23.92	2.88	22.98	2.97
		17	15	29.05	2.74	28.04	2.82	27.23	2.91	**26.70**	**2.96**	26.27	3.00	25.26	3.09
		20	19	30.62	2.79	29.65	2.88	28.69	2.98	28.14	3.03	27.70	3.08	26.65	3.16
		25	23	33.24	2.89	32.26	2.98	31.13	3.09	30.55	3.15	30.07	3.20	28.94	3.28
		30	28	35.87	3.00	34.76	3.10	33.56	3.20	32.95	3.27	32.46	3.32	31.26	3.41
		35	32	38.49	3.12	37.27	3.23	36.00	3.31	35.35	3.39	34.83	3.45	33.58	3.53
		40	36	40.46	3.21	39.32	3.32	38.07	3.41	37.41	3.48	36.88	3.54	35.54	3.63
		45	41	42.91	3.32	41.88	3.43	40.65	3.54	39.97	3.60	39.43	3.65	38.00	3.76
		47	43	43.89	3.37	42.91	3.48	41.68	3.59	**41.00**	**3.65**	40.46	3.70	38.98	3.81
		50	46	44.02	3.34	43.13	3.44	42.06	3.54	41.45	3.60	40.96	3.64	39.58	3.74
		55	51	44.23	3.31	43.50	3.39	42.69	3.47	42.20	3.51	41.81	3.54	40.58	3.62
		60	56	44.45	3.27	43.87	3.34	43.33	3.40	42.96	3.42	42.66	3.44	41.57	3.50
		63	59	44.58	3.25	44.09	3.30	43.71	3.35	43.41	3.37	43.17	3.39	42.17	3.43
		68	64	44.70	3.23	44.31	3.27	44.09	3.31	43.87	3.32	43.69	3.33	42.77	3.35
	9 + 12 + 18	0	-0.4	20.58	2.53	19.38	2.62	19.37	2.66	18.93	2.69	18.58	2.70	17.79	2.80
		5	4.5	24.10	2.59	22.98	2.69	22.64	2.74	22.16	2.77	21.77	2.80	20.90	2.89
		10	9	26.46	2.65	25.39	2.75	24.83	2.81	24.32	2.85	23.92	2.88	22.98	2.97
		17	15	29.05	2.74	28.04	2.82	27.23	2.91	**26.70**	**2.96**	26.27	3.00	25.26	3.09
		20	19	30.62	2.79	29.65	2.88	28.69	2.98	28.14	3.03	27.70	3.08	26.65	3.16
		25	23	33.24	2.89	32.26	2.98	31.13	3.09	30.55	3.15	30.07	3.20	28.94	3.28
		30	28	35.87	3.00	34.76	3.10	33.56	3.20	32.95	3.27	32.46	3.32	31.26	3.41
		35	32	38.49	3.12	37.27	3.23	36.00	3.31	35.35	3.39	34.83	3.45	33.58	3.53
		40	36	40.46	3.21	39.32	3.32	38.07	3.41	37.41	3.48	36.88	3.54	35.54	3.63
		45	41	42.91	3.32	41.88	3.43	40.65	3.54	39.97	3.60	39.43	3.65	38.00	3.76
		47	43	43.89	3.37	42.91	3.48	41.68	3.59	**41.00**	**3.65**	40.46	3.70	38.98	3.81
		50	46	44.02	3.34	43.13	3.44	42.06	3.54	41.45	3.60	40.96	3.64	39.58	3.74
		55	51	44.23	3.31	43.50	3.39	42.69	3.47	42.20	3.51	41.81	3.54	40.58	3.62
		60	56	44.45	3.27	43.87	3.34	43.33	3.40	42.96	3.42	42.66	3.44	41.57	3.50
		63	59	44.58	3.25	44.09	3.30	43.71	3.35	43.41	3.37	43.17	3.39	42.17	3.43
		68	64	44.70	3.23	44.31	3.27	44.09	3.31	43.87	3.32	43.69	3.33	42.77	3.35

TC = Total Capacity (kBtu/h).

PI = Power Input (kW).

Nominal capacity as rated: 0 ft. above sea level with 25 ft. of refrigerant piping.
0 ft. level difference between outdoor and indoor units.

Nominal heating capacity rating obtained with air entering the indoor unit at 70°F dry bulb (DB) and 60°F wet bulb (WB), and outdoor ambient conditions of 47°F dry bulb (DB) and 43°F wet bulb (WB).

Due to our policy of continuous product innovation, some specifications may change without notification.
©LG Electronics U.S.A., Inc., Englewood Cliffs, NJ. All rights reserved. "LG" is a registered trademark of LG Corp.

Table 106: LMU369HV Heating Capacity Table — Mixed Indoor Units (continued).

Connected Indoor Units	Combination Capacity Index	Outdoor Air Temp.		Indoor Air Temp. °F DB											
		°F	°F	61		64		68		70		72		75	
		DB	WB	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
Three (3) Mixed Indoor Units	12 + 12 + 18	0	-0.4	20.58	2.53	19.38	2.62	19.37	2.66	18.93	2.69	18.58	2.70	17.79	2.80
		5	4.5	24.10	2.59	22.98	2.69	22.64	2.74	22.16	2.77	21.77	2.80	20.90	2.89
		10	9	26.46	2.65	25.39	2.75	24.83	2.81	24.32	2.85	23.92	2.88	22.98	2.97
		17	15	29.05	2.74	28.04	2.82	27.23	2.91	**26.70**	**2.96**	26.27	3.00	25.26	3.09
		20	19	30.62	2.79	29.65	2.88	28.69	2.98	28.14	3.03	27.70	3.08	26.65	3.16
		25	23	33.24	2.89	32.26	2.98	31.13	3.09	30.55	3.15	30.07	3.20	28.94	3.28
		30	28	35.87	3.00	34.76	3.10	33.56	3.20	32.95	3.27	32.46	3.32	31.26	3.41
		35	32	38.49	3.12	37.27	3.23	36.00	3.31	35.35	3.39	34.83	3.45	33.58	3.53
		40	36	40.46	3.21	39.32	3.32	38.07	3.41	37.41	3.48	36.88	3.54	35.54	3.63
		45	41	42.91	3.32	41.88	3.43	40.65	3.54	39.97	3.60	39.43	3.65	38.00	3.76
		47	43	43.89	3.37	42.91	3.48	41.68	3.59	**41.00**	**3.65**	40.46	3.70	38.98	3.81
		50	46	44.02	3.34	43.13	3.44	42.06	3.54	41.45	3.60	40.96	3.64	39.58	3.74
		55	51	44.23	3.31	43.50	3.39	42.69	3.47	42.20	3.51	41.81	3.54	40.58	3.62
		60	56	44.45	3.27	43.87	3.34	43.33	3.40	42.96	3.42	42.66	3.44	41.57	3.50
		63	59	44.58	3.25	44.09	3.30	43.71	3.35	43.41	3.37	43.17	3.39	42.17	3.43
		68	64	44.70	3.23	44.31	3.27	44.09	3.31	43.87	3.32	43.69	3.33	42.77	3.35
	9 + 18 + 18	0	-0.4	20.58	2.53	19.38	2.62	19.37	2.66	18.93	2.69	18.58	2.70	17.79	2.80
		5	4.5	24.10	2.59	22.98	2.69	22.64	2.74	22.16	2.77	21.77	2.80	20.90	2.89
		10	9	26.46	2.65	25.39	2.75	24.83	2.81	24.32	2.85	23.92	2.88	22.98	2.97
		17	15	29.05	2.74	28.04	2.82	27.23	2.91	**26.70**	**2.96**	26.27	3.00	25.26	3.09
		20	19	30.62	2.79	29.65	2.88	28.69	2.98	28.14	3.03	27.70	3.08	26.65	3.16
		25	23	33.24	2.89	32.26	2.98	31.13	3.09	30.55	3.15	30.07	3.20	28.94	3.28
		30	28	35.87	3.00	34.76	3.10	33.56	3.20	32.95	3.27	32.46	3.32	31.26	3.41
		35	32	38.49	3.12	37.27	3.23	36.00	3.31	35.35	3.39	34.83	3.45	33.58	3.53
		40	36	40.46	3.21	39.32	3.32	38.07	3.41	37.41	3.48	36.88	3.54	35.54	3.63
		45	41	42.91	3.32	41.88	3.43	40.65	3.54	39.97	3.60	39.43	3.65	38.00	3.76
		47	43	43.89	3.37	42.91	3.48	41.68	3.59	**41.00**	**3.65**	40.46	3.70	38.98	3.81
		50	46	44.02	3.34	43.13	3.44	42.06	3.54	41.45	3.60	40.96	3.64	39.58	3.74
		55	51	44.23	3.31	43.50	3.39	42.69	3.47	42.20	3.51	41.81	3.54	40.58	3.62
		60	56	44.45	3.27	43.87	3.34	43.33	3.40	42.96	3.42	42.66	3.44	41.57	3.50
		63	59	44.58	3.25	44.09	3.30	43.71	3.35	43.41	3.37	43.17	3.39	42.17	3.43
		68	64	44.70	3.23	44.31	3.27	44.09	3.31	43.87	3.32	43.69	3.33	42.77	3.35
	12 + 18 + 18	0	-0.4	20.58	2.53	19.38	2.62	19.37	2.66	18.93	2.69	18.58	2.70	17.79	2.80
		5	4.5	24.10	2.59	22.98	2.69	22.64	2.74	22.16	2.77	21.77	2.80	20.90	2.89
		10	9	26.46	2.65	25.39	2.75	24.83	2.81	24.32	2.85	23.92	2.88	22.98	2.97
		17	15	29.05	2.74	28.04	2.82	27.23	2.91	**26.70**	**2.96**	26.27	3.00	25.26	3.09
		20	19	30.62	2.79	29.65	2.88	28.69	2.98	28.14	3.03	27.70	3.08	26.65	3.16
		25	23	33.24	2.89	32.26	2.98	31.13	3.09	30.55	3.15	30.07	3.20	28.94	3.28
		30	28	35.87	3.00	34.76	3.10	33.56	3.20	32.95	3.27	32.46	3.32	31.26	3.41
		35	32	38.49	3.12	37.27	3.23	36.00	3.31	35.35	3.39	34.83	3.45	33.58	3.53
		40	36	40.46	3.21	39.32	3.32	38.07	3.41	37.41	3.48	36.88	3.54	35.54	3.63
		45	41	42.91	3.32	41.88	3.43	40.65	3.54	39.97	3.60	39.43	3.65	38.00	3.76
		47	43	43.89	3.37	42.91	3.48	41.68	3.59	**41.00**	**3.65**	40.46	3.70	38.98	3.81
		50	46	44.02	3.34	43.13	3.44	42.06	3.54	41.45	3.60	40.96	3.64	39.58	3.74
		55	51	44.23	3.31	43.50	3.39	42.69	3.47	42.20	3.51	41.81	3.54	40.58	3.62
		60	56	44.45	3.27	43.87	3.34	43.33	3.40	42.96	3.42	42.66	3.44	41.57	3.50
		63	59	44.58	3.25	44.09	3.30	43.71	3.35	43.41	3.37	43.17	3.39	42.17	3.43
		68	64	44.70	3.23	44.31	3.27	44.09	3.31	43.87	3.32	43.69	3.33	42.77	3.35

TC = Total Capacity (kBtu/h).

PI = Power Input (kW).

Nominal capacity as rated: 0 ft. above sea level with 25 ft. of refrigerant piping.
0 ft. level difference between outdoor and indoor units.

Nominal heating capacity rating obtained with air entering the indoor unit at 70°F dry bulb (DB) and 60°F wet bulb (WB), and outdoor ambient conditions of 47°F dry bulb (DB) and 43°F wet bulb (WB).

Due to our policy of continuous product innovation, some specifications may change without notification.
©LG Electronics U.S.A., Inc., Englewood Cliffs, NJ. All rights reserved. "LG" is a registered trademark of LG Corp.

PERFORMANCE DATA

Heating Capacity Tables

Table 107: LMU369HV Heating Capacity Table — Mixed Indoor Units (continued).

Connected Indoor Units	Combination Capacity Index	Outdoor Air Temp.		Indoor Air Temp. °F DB											
		°F	°F	61		64		68		70		72		75	
		DB	WB	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
Four (4) Mixed Indoor Units	9 + 9 + 9 + 9	0	-0.4	20.58	2.53	19.38	2.62	19.37	2.66	18.93	2.69	18.58	2.70	17.79	2.80
		5	4.5	24.10	2.59	22.98	2.69	22.64	2.74	22.16	2.77	21.77	2.80	20.90	2.89
		10	9	26.46	2.65	25.39	2.75	24.83	2.81	24.32	2.85	23.92	2.88	22.98	2.97
		17	15	29.05	2.74	28.04	2.82	27.23	2.91	**26.70**	**2.96**	26.27	3.00	25.26	3.09
		20	19	30.62	2.79	29.65	2.88	28.69	2.98	28.14	3.03	27.70	3.08	26.65	3.16
		25	23	33.24	2.89	32.26	2.98	31.13	3.09	30.55	3.15	30.07	3.20	28.94	3.28
		30	28	35.87	3.00	34.76	3.10	33.56	3.20	32.95	3.27	32.46	3.32	31.26	3.41
		35	32	38.49	3.12	37.27	3.23	36.00	3.31	35.35	3.39	34.83	3.45	33.58	3.53
		40	36	40.46	3.21	39.32	3.32	38.07	3.41	37.41	3.48	36.88	3.54	35.54	3.63
		45	41	42.91	3.32	41.88	3.43	40.65	3.54	39.97	3.60	39.43	3.65	38.00	3.76
		47	43	43.89	3.37	42.91	3.48	41.68	3.59	**41.00**	**3.65**	40.46	3.70	38.98	3.81
		50	46	44.02	3.34	43.13	3.44	42.06	3.54	41.45	3.60	40.96	3.64	39.58	3.74
		55	51	44.23	3.31	43.50	3.39	42.69	3.47	42.20	3.51	41.81	3.54	40.58	3.62
		60	56	44.45	3.27	43.87	3.34	43.33	3.40	42.96	3.42	42.66	3.44	41.57	3.50
		63	59	44.58	3.25	44.09	3.30	43.71	3.35	43.41	3.37	43.17	3.39	42.17	3.43
		68	64	44.70	3.23	44.31	3.27	44.09	3.31	43.87	3.32	43.69	3.33	42.77	3.35
	9 + 9 + 9 + 12	0	-0.4	20.58	2.53	19.38	2.62	19.37	2.66	18.93	2.69	18.58	2.70	17.79	2.80
		5	4.5	24.10	2.59	22.98	2.69	22.64	2.74	22.16	2.77	21.77	2.80	20.90	2.89
		10	9	26.46	2.65	25.39	2.75	24.83	2.81	24.32	2.85	23.92	2.88	22.98	2.97
		17	15	29.05	2.74	28.04	2.82	27.23	2.91	**26.70**	**2.96**	26.27	3.00	25.26	3.09
		20	19	30.62	2.79	29.65	2.88	28.69	2.98	28.14	3.03	27.70	3.08	26.65	3.16
		25	23	33.24	2.89	32.26	2.98	31.13	3.09	30.55	3.15	30.07	3.20	28.94	3.28
		30	28	35.87	3.00	34.76	3.10	33.56	3.20	32.95	3.27	32.46	3.32	31.26	3.41
		35	32	38.49	3.12	37.27	3.23	36.00	3.31	35.35	3.39	34.83	3.45	33.58	3.53
		40	36	40.46	3.21	39.32	3.32	38.07	3.41	37.41	3.48	36.88	3.54	35.54	3.63
		45	41	42.91	3.32	41.88	3.43	40.65	3.54	39.97	3.60	39.43	3.65	38.00	3.76
		47	43	43.89	3.37	42.91	3.48	41.68	3.59	**41.00**	**3.65**	40.46	3.70	38.98	3.81
		50	46	44.02	3.34	43.13	3.44	42.06	3.54	41.45	3.60	40.96	3.64	39.58	3.74
		55	51	44.23	3.31	43.50	3.39	42.69	3.47	42.20	3.51	41.81	3.54	40.58	3.62
		60	56	44.45	3.27	43.87	3.34	43.33	3.40	42.96	3.42	42.66	3.44	41.57	3.50
		63	59	44.58	3.25	44.09	3.30	43.71	3.35	43.41	3.37	43.17	3.39	42.17	3.43
		68	64	44.70	3.23	44.31	3.27	44.09	3.31	43.87	3.32	43.69	3.33	42.77	3.35
	9 + 9 + 12 + 12	0	-0.4	20.58	2.53	19.38	2.62	19.37	2.66	18.93	2.69	18.58	2.70	17.79	2.80
		5	4.5	24.10	2.59	22.98	2.69	22.64	2.74	22.16	2.77	21.77	2.80	20.90	2.89
		10	9	26.46	2.65	25.39	2.75	24.83	2.81	24.32	2.85	23.92	2.88	22.98	2.97
		17	15	29.05	2.74	28.04	2.82	27.23	2.91	**26.70**	**2.96**	26.27	3.00	25.26	3.09
		20	19	30.62	2.79	29.65	2.88	28.69	2.98	28.14	3.03	27.70	3.08	26.65	3.16
		25	23	33.24	2.89	32.26	2.98	31.13	3.09	30.55	3.15	30.07	3.20	28.94	3.28
		30	28	35.87	3.00	34.76	3.10	33.56	3.20	32.95	3.27	32.46	3.32	31.26	3.41
		35	32	38.49	3.12	37.27	3.23	36.00	3.31	35.35	3.39	34.83	3.45	33.58	3.53
		40	36	40.46	3.21	39.32	3.32	38.07	3.41	37.41	3.48	36.88	3.54	35.54	3.63
		45	41	42.91	3.32	41.88	3.43	40.65	3.54	39.97	3.60	39.43	3.65	38.00	3.76
		47	43	43.89	3.37	42.91	3.48	41.68	3.59	**41.00**	**3.65**	40.46	3.70	38.98	3.81
		50	46	44.02	3.34	43.13	3.44	42.06	3.54	41.45	3.60	40.96	3.64	39.58	3.74
		55	51	44.23	3.31	43.50	3.39	42.69	3.47	42.20	3.51	41.81	3.54	40.58	3.62
		60	56	44.45	3.27	43.87	3.34	43.33	3.40	42.96	3.42	42.66	3.44	41.57	3.50
		63	59	44.58	3.25	44.09	3.30	43.71	3.35	43.41	3.37	43.17	3.39	42.17	3.43
		68	64	44.70	3.23	44.31	3.27	44.09	3.31	43.87	3.32	43.69	3.33	42.77	3.35

TC = Total Capacity (kBtu/h).

PI = Power Input (kW).

Nominal capacity as rated: 0 ft. above sea level with 25 ft. of refrigerant piping.
0 ft. level difference between outdoor and indoor units.

Nominal heating capacity rating obtained with air entering the indoor unit at 70°F dry bulb (DB) and 60°F wet bulb (WB), and outdoor ambient conditions of 47°F dry bulb (DB) and 43°F wet bulb (WB).

Due to our policy of continuous product innovation, some specifications may change without notification.
©LG Electronics U.S.A., Inc., Englewood Cliffs, NJ. All rights reserved. "LG" is a registered trademark of LG Corp.

PERFORMANCE DATA

Heating Capacity Tables

Table 108: LMU369HV Heating Capacity Table — Mixed Indoor Units (continued).

Connected Indoor Units	Combination Capacity Index	Outdoor Air Temp.		Indoor Air Temp. °F DB											
		°F	°F	61		64		68		70		72		75	
		DB	WB	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
Four (4) Mixed Indoor Units	9 + 12 + 12 + 12	0	-0.4	20.58	2.53	19.38	2.62	19.37	2.66	18.93	2.69	18.58	2.70	17.79	2.80
		5	4.5	24.10	2.59	22.98	2.69	22.64	2.74	22.16	2.77	21.77	2.80	20.90	2.89
		10	9	26.46	2.65	25.39	2.75	24.83	2.81	24.32	2.85	23.92	2.88	22.98	2.97
		17	15	29.05	2.74	28.04	2.82	27.23	2.91	**26.70**	**2.96**	26.27	3.00	25.26	3.09
		20	19	30.62	2.79	29.65	2.88	28.69	2.98	28.14	3.03	27.70	3.08	26.65	3.16
		25	23	33.24	2.89	32.26	2.98	31.13	3.09	30.55	3.15	30.07	3.20	28.94	3.28
		30	28	35.87	3.00	34.76	3.10	33.56	3.20	32.95	3.27	32.46	3.32	31.26	3.41
		35	32	38.49	3.12	37.27	3.23	36.00	3.31	35.35	3.39	34.83	3.45	33.58	3.53
		40	36	40.46	3.21	39.32	3.32	38.07	3.41	37.41	3.48	36.88	3.54	35.54	3.63
		45	41	42.91	3.32	41.88	3.43	40.65	3.54	39.97	3.60	39.43	3.65	38.00	3.76
		47	43	43.89	3.37	42.91	3.48	41.68	3.59	**41.00**	**3.65**	40.46	3.70	38.98	3.81
		50	46	44.02	3.34	43.13	3.44	42.06	3.54	41.45	3.60	40.96	3.64	39.58	3.74
		55	51	44.23	3.31	43.50	3.39	42.69	3.47	42.20	3.51	41.81	3.54	40.58	3.62
		60	56	44.45	3.27	43.87	3.34	43.33	3.40	42.96	3.42	42.66	3.44	41.57	3.50
		63	59	44.58	3.25	44.09	3.30	43.71	3.35	43.41	3.37	43.17	3.39	42.17	3.43
		68	64	44.70	3.23	44.31	3.27	44.09	3.31	43.87	3.32	43.69	3.33	42.77	3.35
	9 + 9 + 9 + 18	0	-0.4	20.58	2.53	19.38	2.62	19.37	2.66	18.93	2.69	18.58	2.70	17.79	2.80
		5	4.5	24.10	2.59	22.98	2.69	22.64	2.74	22.16	2.77	21.77	2.80	20.90	2.89
		10	9	26.46	2.65	25.39	2.75	24.83	2.81	24.32	2.85	23.92	2.88	22.98	2.97
		17	15	29.05	2.74	28.04	2.82	27.23	2.91	**26.70**	**2.96**	26.27	3.00	25.26	3.09
		20	19	30.62	2.79	29.65	2.88	28.69	2.98	28.14	3.03	27.70	3.08	26.65	3.16
		25	23	33.24	2.89	32.26	2.98	31.13	3.09	30.55	3.15	30.07	3.20	28.94	3.28
		30	28	35.87	3.00	34.76	3.10	33.56	3.20	32.95	3.27	32.46	3.32	31.26	3.41
		35	32	38.49	3.12	37.27	3.23	36.00	3.31	35.35	3.39	34.83	3.45	33.58	3.53
		40	36	40.46	3.21	39.32	3.32	38.07	3.41	37.41	3.48	36.88	3.54	35.54	3.63
		45	41	42.91	3.32	41.88	3.43	40.65	3.54	39.97	3.60	39.43	3.65	38.00	3.76
		47	43	43.89	3.37	42.91	3.48	41.68	3.59	**41.00**	**3.65**	40.46	3.70	38.98	3.81
		50	46	44.02	3.34	43.13	3.44	42.06	3.54	41.45	3.60	40.96	3.64	39.58	3.74
		55	51	44.23	3.31	43.50	3.39	42.69	3.47	42.20	3.51	41.81	3.54	40.58	3.62
		60	56	44.45	3.27	43.87	3.34	43.33	3.40	42.96	3.42	42.66	3.44	41.57	3.50
		63	59	44.58	3.25	44.09	3.30	43.71	3.35	43.41	3.37	43.17	3.39	42.17	3.43
		68	64	44.70	3.23	44.31	3.27	44.09	3.31	43.87	3.32	43.69	3.33	42.77	3.35
	9 + 9 + 12 + 18	0	-0.4	20.58	2.53	19.38	2.62	19.37	2.66	18.93	2.69	18.58	2.70	17.79	2.80
		5	4.5	24.10	2.59	22.98	2.69	22.64	2.74	22.16	2.77	21.77	2.80	20.90	2.89
		10	9	26.46	2.65	25.39	2.75	24.83	2.81	24.32	2.85	23.92	2.88	22.98	2.97
		17	15	29.05	2.74	28.04	2.82	27.23	2.91	**26.70**	**2.96**	26.27	3.00	25.26	3.09
		20	19	30.62	2.79	29.65	2.88	28.69	2.98	28.14	3.03	27.70	3.08	26.65	3.16
		25	23	33.24	2.89	32.26	2.98	31.13	3.09	30.55	3.15	30.07	3.20	28.94	3.28
		30	28	35.87	3.00	34.76	3.10	33.56	3.20	32.95	3.27	32.46	3.32	31.26	3.41
		35	32	38.49	3.12	37.27	3.23	36.00	3.31	35.35	3.39	34.83	3.45	33.58	3.53
		40	36	40.46	3.21	39.32	3.32	38.07	3.41	37.41	3.48	36.88	3.54	35.54	3.63
		45	41	42.91	3.32	41.88	3.43	40.65	3.54	39.97	3.60	39.43	3.65	38.00	3.76
		47	43	43.89	3.37	42.91	3.48	41.68	3.59	**41.00**	**3.65**	40.46	3.70	38.98	3.81
		50	46	44.02	3.34	43.13	3.44	42.06	3.54	41.45	3.60	40.96	3.64	39.58	3.74
		55	51	44.23	3.31	43.50	3.39	42.69	3.47	42.20	3.51	41.81	3.54	40.58	3.62
		60	56	44.45	3.27	43.87	3.34	43.33	3.40	42.96	3.42	42.66	3.44	41.57	3.50
		63	59	44.58	3.25	44.09	3.30	43.71	3.35	43.41	3.37	43.17	3.39	42.17	3.43
		68	64	44.70	3.23	44.31	3.27	44.09	3.31	43.87	3.32	43.69	3.33	42.77	3.35

TC = Total Capacity (kBtu/h).

PI = Power Input (kW).

Nominal capacity as rated: 0 ft. above sea level with 25 ft. of refrigerant piping.
0 ft. level difference between outdoor and indoor units.

Nominal heating capacity rating obtained with air entering the indoor unit at 70°F dry bulb (DB) and 60°F wet bulb (WB), and outdoor ambient conditions of 47°F dry bulb (DB) and 43°F wet bulb (WB).

Due to our policy of continuous product innovation, some specifications may change without notification.
©LG Electronics U.S.A., Inc., Englewood Cliffs, NJ. All rights reserved. "LG" is a registered trademark of LG Corp.

PERFORMANCE DATA

Heating Capacity Tables

Table 109: LMU369HV Heating Capacity Table — Mixed Indoor Units (continued).

Connected Indoor Units	Combination Capacity Index	Outdoor Air Temp.		Indoor Air Temp. °F DB											
		°F	°F	61		64		68		70		72		75	
		DB	WB	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
Four (4) Mixed Indoor Units	12 + 12 + 12 + 12	0	-0.4	20.58	2.53	19.38	2.62	19.37	2.66	18.93	2.69	18.58	2.70	17.79	2.80
		5	4.5	24.10	2.59	22.98	2.69	22.64	2.74	22.16	2.77	21.77	2.80	20.90	2.89
		10	9	26.46	2.65	25.39	2.75	24.83	2.81	24.32	2.85	23.92	2.88	22.98	2.97
		17	15	29.05	2.74	28.04	2.82	27.23	2.91	**26.70**	**2.96**	26.27	3.00	25.26	3.09
		20	19	30.62	2.79	29.65	2.88	28.69	2.98	28.14	3.03	27.70	3.08	26.65	3.16
		25	23	33.24	2.89	32.26	2.98	31.13	3.09	30.55	3.15	30.07	3.20	28.94	3.28
		30	28	35.87	3.00	34.76	3.10	33.56	3.20	32.95	3.27	32.46	3.32	31.26	3.41
		35	32	38.49	3.12	37.27	3.23	36.00	3.31	35.35	3.39	34.83	3.45	33.58	3.53
		40	36	40.46	3.21	39.32	3.32	38.07	3.41	37.41	3.48	36.88	3.54	35.54	3.63
		45	41	42.91	3.32	41.88	3.43	40.65	3.54	39.97	3.60	39.43	3.65	38.00	3.76
		47	43	43.89	3.37	42.91	3.48	41.68	3.59	**41.00**	**3.65**	40.46	3.70	38.98	3.81
		50	46	44.02	3.34	43.13	3.44	42.06	3.54	41.45	3.60	40.96	3.64	39.58	3.74
		55	51	44.23	3.31	43.50	3.39	42.69	3.47	42.20	3.51	41.81	3.54	40.58	3.62
		60	56	44.45	3.27	43.87	3.34	43.33	3.40	42.96	3.42	42.66	3.44	41.57	3.50
		63	59	44.58	3.25	44.09	3.30	43.71	3.35	43.41	3.37	43.17	3.39	42.17	3.43
		68	64	44.70	3.23	44.31	3.27	44.09	3.31	43.87	3.32	43.69	3.33	42.77	3.35

TC = Total Capacity (kBtu/h).

PI = Power Input (kW).

Nominal capacity as rated: 0 ft. above sea level with 25 ft. of refrigerant piping.
0 ft. level difference between outdoor and indoor units.

Nominal heating capacity rating obtained with air entering the indoor unit at 70ºF dry bulb (DB) and 60ºF wet bulb (WB), and outdoor ambient conditions of 47ºF dry bulb (DB) and 43ºF wet bulb (WB).

Due to our policy of continuous product innovation, some specifications may change without notification.
©LG Electronics U.S.A., Inc., Englewood Cliffs, NJ. All rights reserved. "LG" is a registered trademark of LG Corp.

MULTI F OUTDOOR UNIT

Electrical and Acoustic Data

Electrical Data

Table 110: Electrical Data.

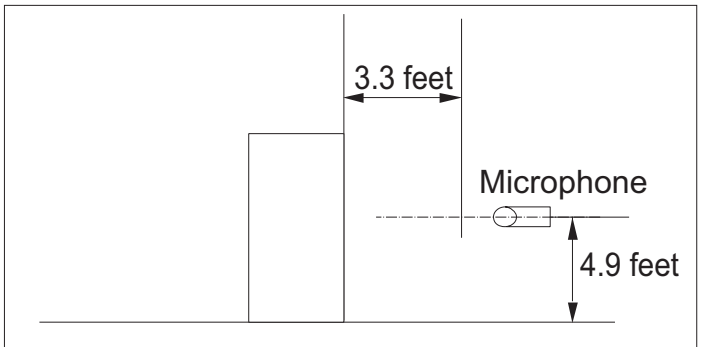
Nominal Tons	Unit Model No.	Hertz	Voltage	Voltage Range (Min. to Max.)	MCA	MOP	Compressor Quantity	Compressor Motor RLA	Condenser Fan Motor(s)	
									Condenser Fan Quantity.	Condenser Fan Motor FLA
1.5	LMU187HV	60	208 - 230	187 - 253	11.0	15	1	8.2	1	0.40
2	LMU247HV				15.4	25	1	11.6	1	0.40
3	LMU369HV				16.8	25	1	12.1	2	0.55 x 2

Voltage tolerance is ±10%.
Maximum allowable voltage unbalance is 2%.
RLA = Rated Load Amps.

MCA = Minimum Circuit Ampacity.
Maximum Overcurrent Protection (MOP) is calculated as follows:
(Largest motor FLA x 2.25) + (Sum of other motor FLA) rounded down to the nearest standard fuse size.

Acoustic Data

Figure 9: Acoustic Measurement Location.



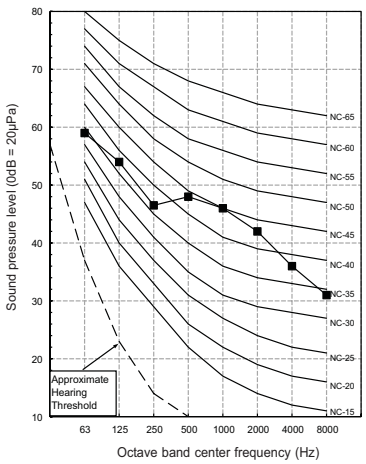
- Measurement taken 4.9' above finished floor, and at a distance of 3.3' from face of unit.
- Measurements taken with no attenuation and units operating at full load normal operating condition.
- Sound level will vary depending on a range of factors such as construction (acoustic absorption coefficient) of particular area in which the equipment is installed.
- Sound level may be increased in static pressure mode or if air guide is used.
- Sound pressure levels are measured in dB(A)±3.
- Tested in anechoic chamber per ISO Standard 3745.

Table 111: Sound Pressure Levels (dB[A]).

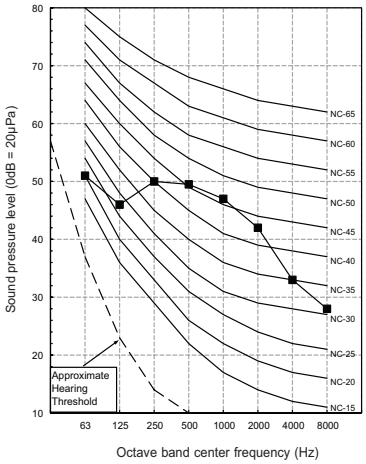
Model No.	Sound Pressure Level (dB[A])
LMU187HV	51
LMU247HV	51
LMU369HV	57

Figure 10: Sound Pressure Level Diagrams.

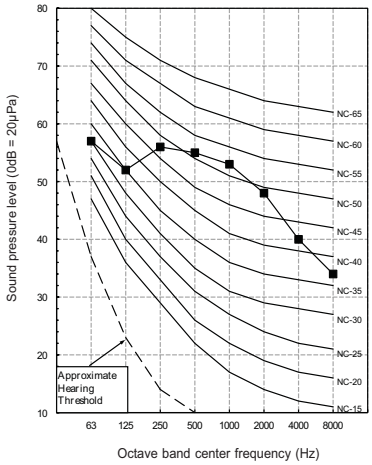
LMU187HV



LMU247HV



LMU369HV



Due to our policy of continuous product innovation, some specifications may change without notification.
©LG Electronics U.S.A., Inc., Englewood Cliffs, NJ. All rights reserved. "LG" is a registered trademark of LG Corp.

MULTI F OUTDOOR UNIT

Refrigerant Flow Diagram

Figure 11: LMU187HV Refrigerant Flow Diagram.

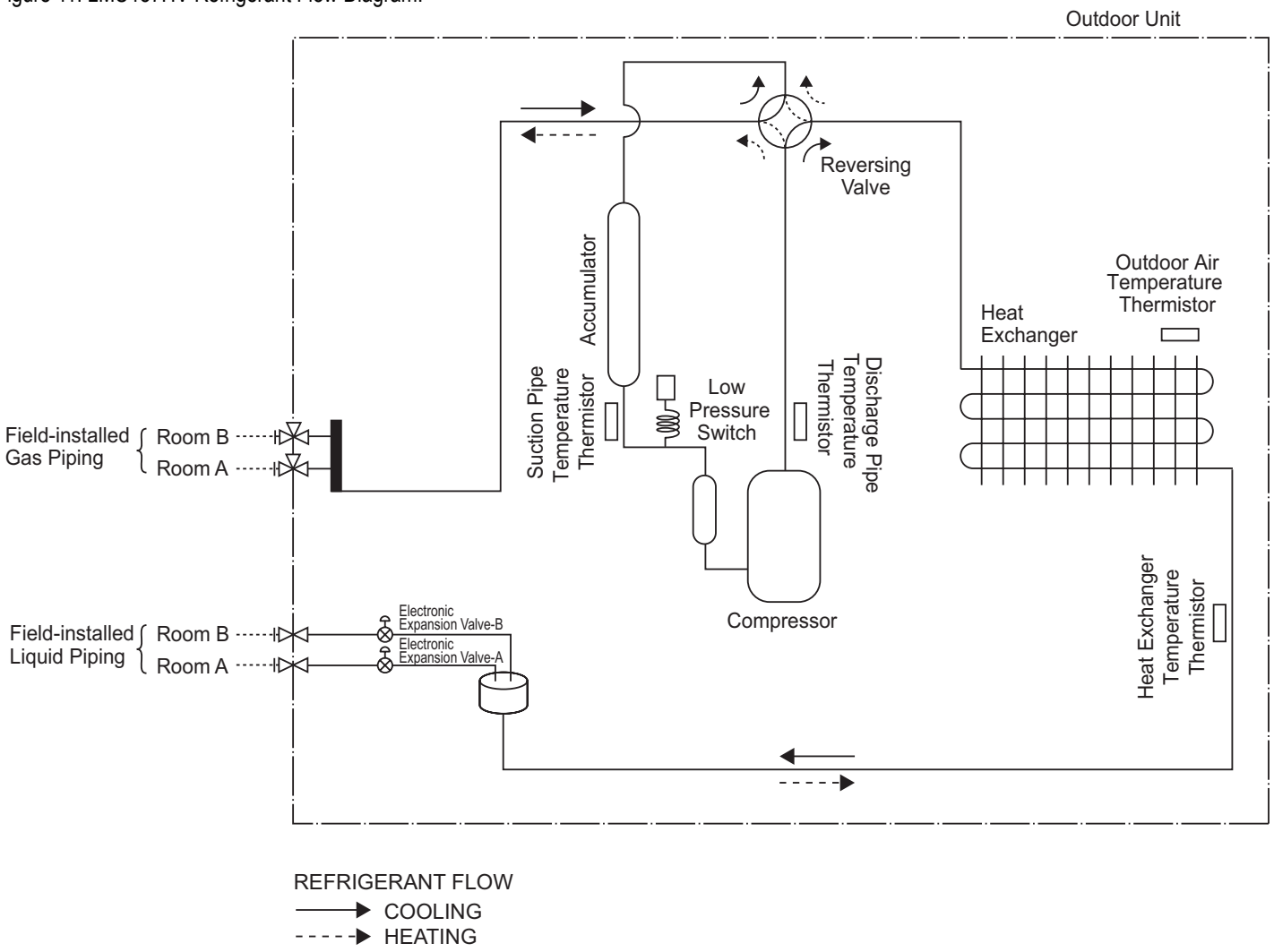


Table 112: LMU187HV Thermistor Details.

Description	PCB Connector
Outdoor Air Temperature Thermistor	CN-TH2
Heat Exchanger Temperature Thermistor	
Discharge Pipe Temperature Thermistor	CN-TH3
Suction Pipe Temperature Thermistor	

Due to our policy of continuous product innovation, some specifications may change without notification.
©LG Electronics U.S.A., Inc., Englewood Cliffs, NJ. All rights reserved. "LG" is a registered trademark of LG Corp.

Figure 12: LMU247HV Refrigerant Flow Diagram.

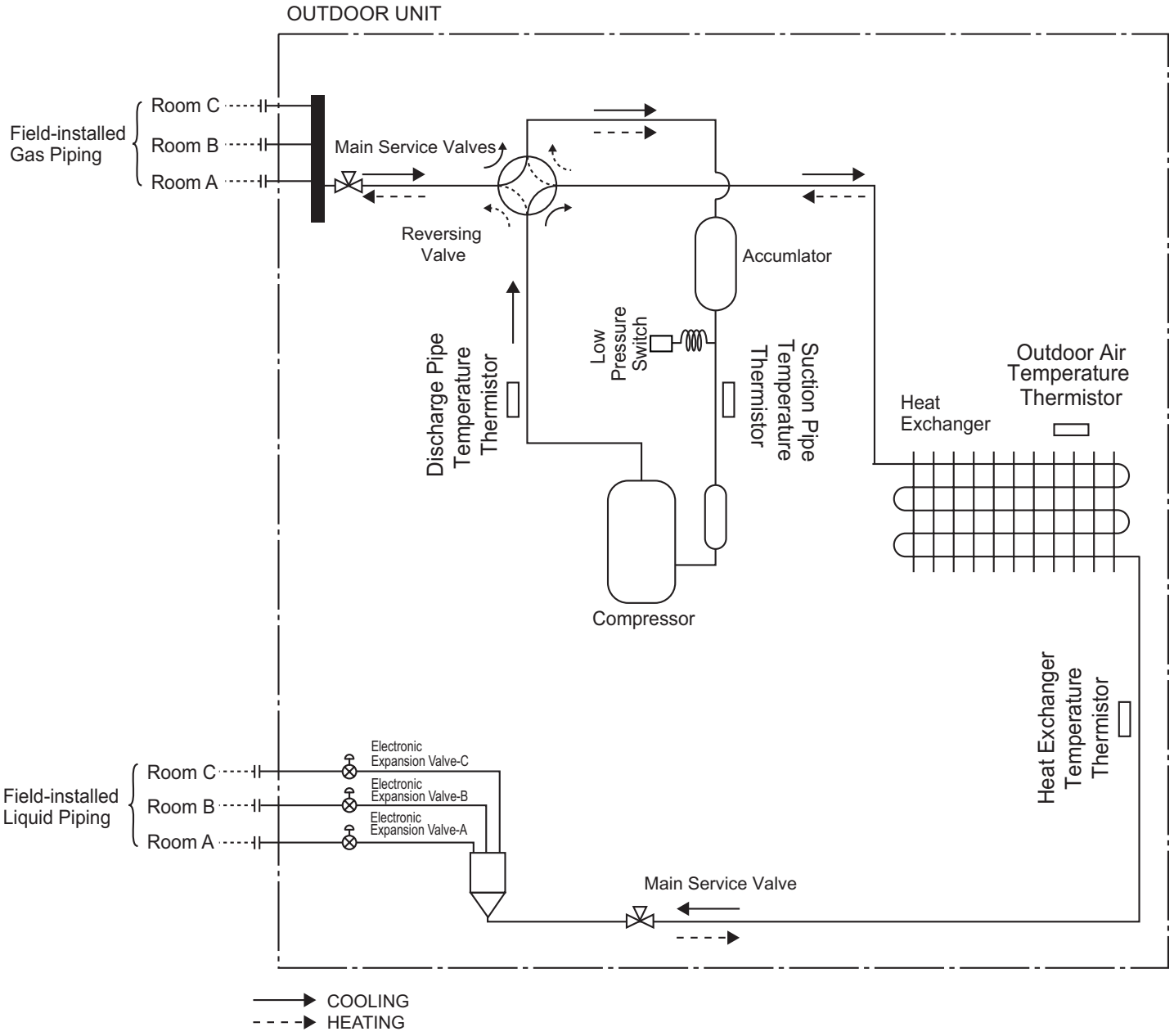


Table 113: LMU247HV Thermistor Details.

Description	PCB Connector
Outdoor Air Temperature Thermistor	CN-TH2
Heat Exchanger Temperature Thermistor	
Discharge Pipe Temperature Thermistor	CN-TH3
Suction Pipe Temperature Thermistor	

Due to our policy of continuous product innovation, some specifications may change without notification.
©LG Electronics U.S.A., Inc., Englewood Cliffs, NJ. All rights reserved. "LG" is a registered trademark of LG Corp.

MULTI F OUTDOOR UNIT

Refrigerant Flow Diagram

Figure 13: LMU369HV Refrigerant Flow Diagram.

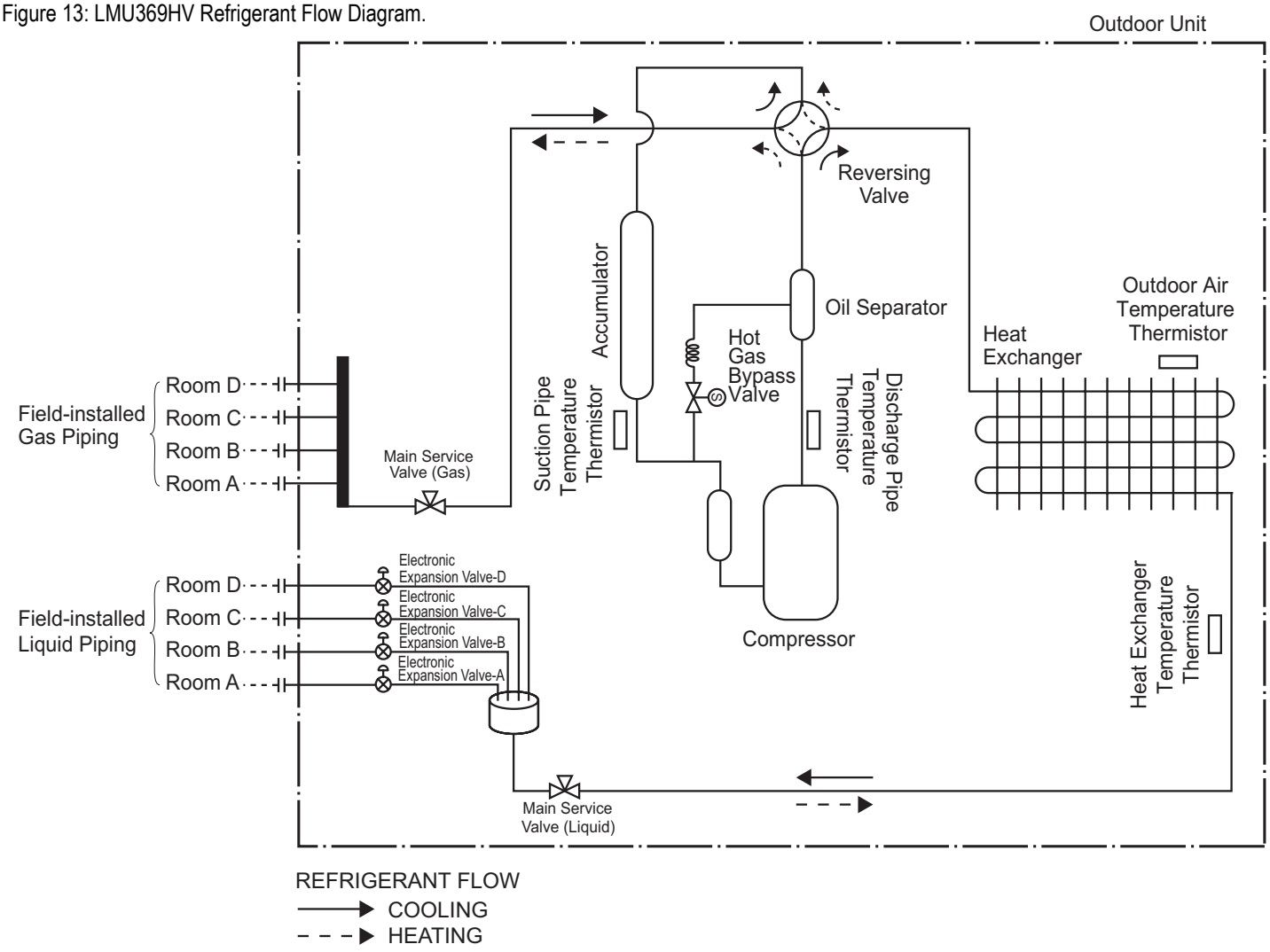
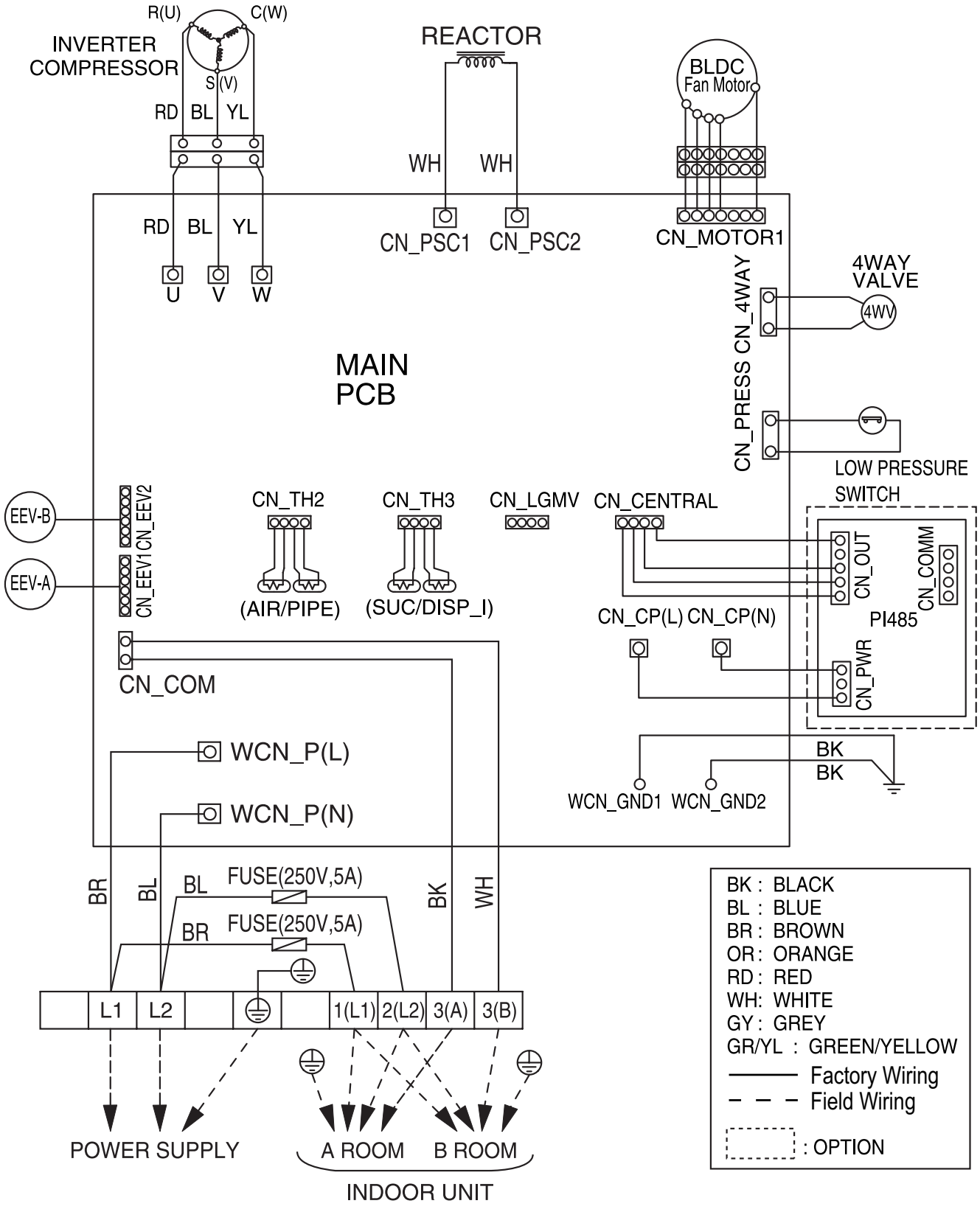


Table 114: LMU369HV Thermistor Details.

Description	PCB Connector
Outdoor Air Temperature Thermistor	CN-TH2
Heat Exchanger Temperature Thermistor	
Discharge Pipe Temperature Thermistor	CN-TH3
Suction Pipe Temperature Thermistor	

Due to our policy of continuous product innovation, some specifications may change without notification.
©LG Electronics U.S.A., Inc., Englewood Cliffs, NJ. All rights reserved. "LG" is a registered trademark of LG Corp.

Figure 14: LMU187HV Wiring Diagram.

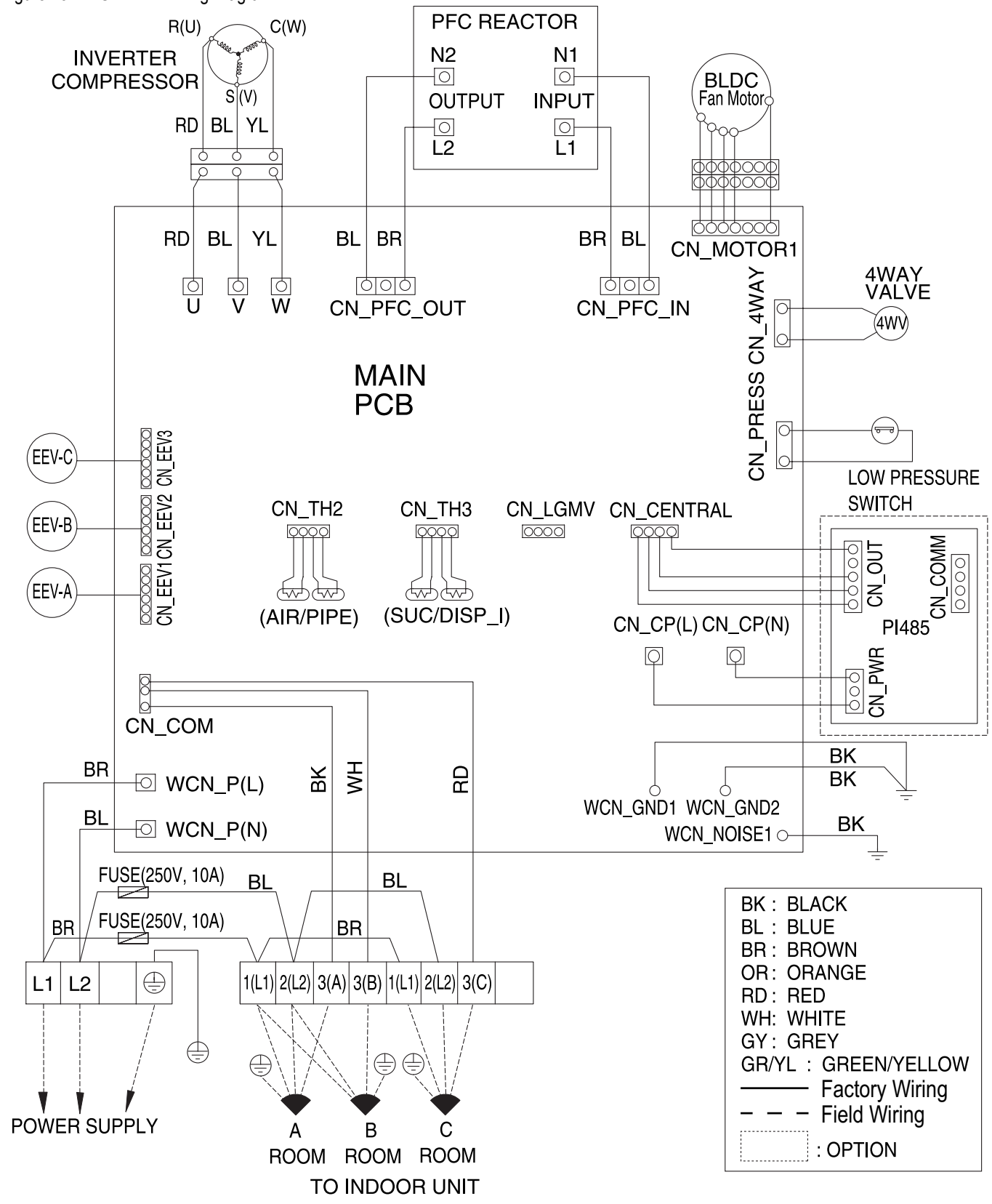


Due to our policy of continuous product innovation, some specifications may change without notification.
©LG Electronics U.S.A., Inc., Englewood Cliffs, NJ. All rights reserved. "LG" is a registered trademark of LG Corp.

MULTI F OUTDOOR UNIT

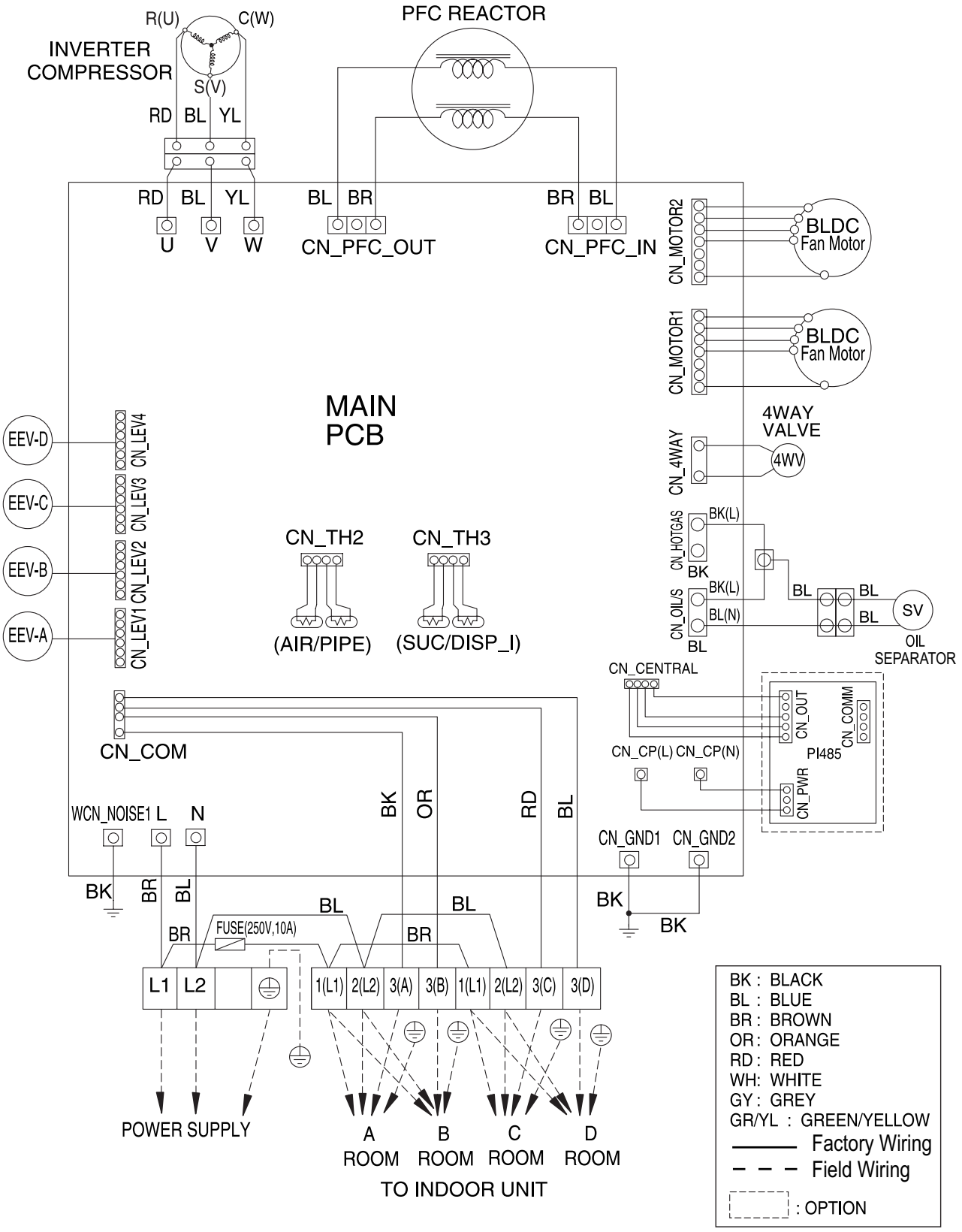
Wiring Diagram

Figure 15: LMU247HV Wiring Diagram.



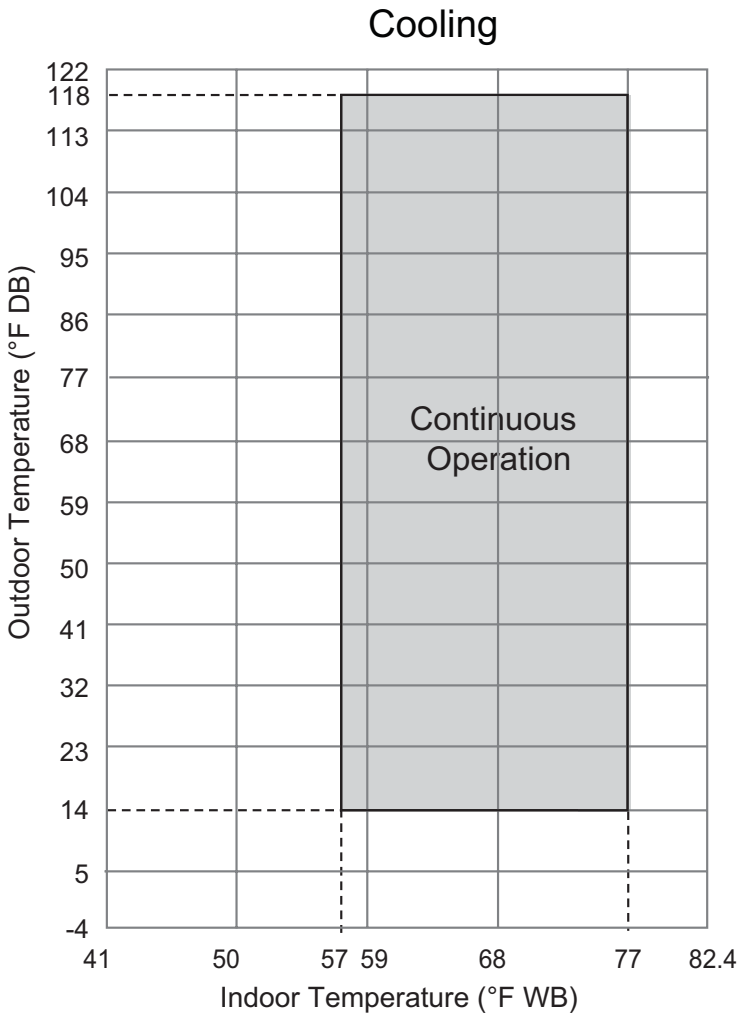
Due to our policy of continuous product innovation, some specifications may change without notification.
©LG Electronics U.S.A., Inc., Englewood Cliffs, NJ. All rights reserved. "LG" is a registered trademark of LG Corp.

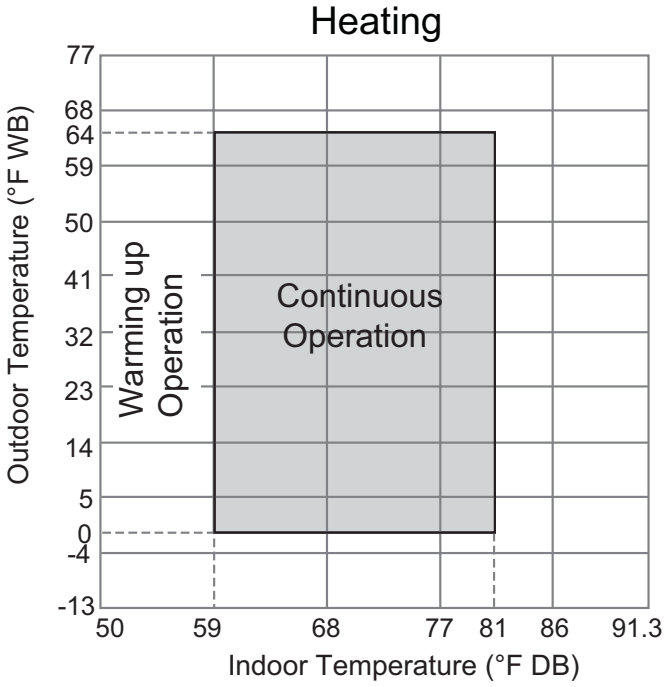
Figure 16: LMU369HV Wiring Diagram.



Due to our policy of continuous product innovation, some specifications may change without notification.
©LG Electronics U.S.A., Inc., Englewood Cliffs, NJ. All rights reserved. "LG" is a registered trademark of LG Corp.

Figure 17: Cooling and Heating Operation Ranges.





Due to our policy of continuous product innovation, some specifications may change without notification.
©LG Electronics U.S.A., Inc., Englewood Cliffs, NJ. All rights reserved. "LG" is a registered trademark of LG Corp.

Due to our policy of continuous product innovation, some specifications may change without notification.
©LG Electronics U.S.A., Inc., Englewood Cliffs, NJ. All rights reserved. "LG" is a registered trademark of LG Corp.

MULTI F MAX OUTDOOR UNIT DATA

“Product Features and Benefits” on page 126
“Mechanical Specifications” on page 127
“General Data” on page 128
“Dimensions” on page 130
“Rated Cooling Combination Tables” on page 131
“Rated Heating Combination Tables” on page 134
“Cooling Capacity Tables ” on page 137
“Heating Capacity Tables” on page 154
“Electrical Data” on page 165
“Acoustic Data” on page 165
“Refrigerant Flow Diagrams” on page 166
“Wiring Diagrams” on page 167
“Operation Range” on page 168

MULTI F MAX OUTDOOR UNIT

Features and Benefits

MULTI F
MULTI F MAX

Multi F MAX inverter-driven heat pump systems can operate up to eight indoor units, providing cooling or heating for an entire home and zoning capabilities. Compact refrigerant pipes work in tandem with wiring to link the outdoor unit with all indoor units through a single or pair of branch distribution (BD) unit(s). Most indoor units include its own remote control, allowing the user to set the temperature individually in different rooms. The indoor units are available in a variety of capacities and styles, including Art Cool ™ Mirror and Gallery Wall Mount, Standard Wall Mount, Four-Way Ceiling Cassette, Horizontal Ceiling Concealed Duct, and Vertical-Horizontal Air Handling models.

Features

- Advanced climate control for up to eight (8) zones
- Inverter (Variable speed compressor)
- DC inverter technology – load matches to reduce power consumption
- Low ambient operation to 14ºF (Cooling)
- Heating operation down to 0ºF
- Defrost
- Restart delay (three [3] minutes)
- Self diagnosis
- Soft start
- Auto operation / auto restart operation
- Gold Fin™ anti-corrosion

Benefits

- Refrigerant piping lengths allow for extra design flexibility in indoor unit installation
- Easy installation: Little to no ductwork required; most indoor units can mount on any wall
- Indoor unit and outdoor unit dimensions ensure space saving convenience
- All-season use—heat pump models have both cooling and heating capabilities

Figure 18: Multi F MAX Heat Pump Inverter System — Mix and match for 24,000-73,000 Btu/h.



Due to our policy of continuous product innovation, some specifications may change without notification.
©LG Electronics U.S.A., Inc., Englewood Cliffs, NJ. All rights reserved. "LG" is a registered trademark of LG Corp.

Multi F MAX Heat Pump Condensing Units

General

A Multi F MAX multi-zone system is comprised of one heat pump outdoor unit connected up to eight indoor units through a branch distribution unit (BD) using a single refrigerant piping circuit, and includes integrated controls supplied by LG. Factory-designed and supplied Y-branches may be used as well.

The outdoor unit is internally assembled, wired, and piped from the factory; all LG components are manufactured in a facility registered to ISO 9001 and ISO 14001, set by the International Organization for Standardization (ISO). The LG Multi F MAX multi zone heat pump system components comply with Underwriters Laboratories (UL) 1995 Heating and Cooling Equipment Standard for Safety, and bear the Electrical Testing Laboratories (ETL) mark. The units are certified to AHRI 210 / 240.

Temperature Ranges

The heat pump outdoor units are capable of operating in cooling mode from 14°F to 118°F ambient dry bulb. The heat pump outdoor units are capable of operating in heating mode from 0°F to 64°F ambient wet bulb without additional low ambient controls.

Frame

Multi F MAX condensing unit case is constructed from pre-coated metal that has been tested in accordance with ASTM B-117 salt spray procedure for a minimum of 1,000 hours. Case has a removable front panel to allow access to major components and control devices, and legs to secure the unit during installation.

Refrigerant System

Multi F MAX systems have a single refrigerant circuit field piped with a manufacturer-supplied BD unit(s) and Y-branches (if applicable) to multiple (ducted, non-ducted or mixed) indoor units to effectively and efficiently control the heating or cooling operation of the multi zone system. All refrigerant lines from the outdoor unit to the BD unit(s) and from the BD unit(s) to indoor units are field-installed and must be insulated separately.

Multi F MAX systems use R410A refrigerant. The outdoor units are equipped with a refrigerant strainer, check valves, oil separator, accumulator, four-way reversing valve, electronic expansion valve(s) (EEV), high side and low side refrigerant charging ports, and a service port. The outdoor unit also includes sensors for suction temperature, discharge temperature, high-pressure, low-pressure, heat exchanger temperature, and outdoor temperature conditions.

Refrigeration Oil Control

The outdoor unit has an oil separator to separate oil mixed with the refrigerant gas during compression and return oil to the compressor. The outdoor unit also has an oil injection mechanism to ensure a consistent film of oil on all moving compressor parts at low speed.

Compressor

Multi F condensing units are equipped with one hermetically sealed, digitally controlled, inverter driven twin-rotary compressor that includes Teflon™ coated bearings. The inverter motor is capable of providing a modulation range of 20Hz to 100Hz with control in 1Hz increments. The compressor is protected with phase-reversal protection, uses a factory-charge of Polyvinyl Ether (PVE) oil, and is mounted to avoid the transmission of vibration. Compressor in the Multi F MAX outdoor unit is equipped with a hot gas bypass valve.

Figure 19: Multi F MAX LMU540HV Outdoor Unit.



Fan and Motors

The Multi F MAX outdoor unit includes two direct drive variable speed propeller fans with Brushless Digitally Controlled (BLDC) motor with a horizontal air discharge.

Fan blades are statically and dynamically balanced propeller fans made of durable Acrylonitrile Butadiene Styrene (ABS) plastic, and include a raised fan guard to limit contact with moving parts. The motors have inherent overload protection, permanently lubricated bearings, and a maximum speed up to 950 rpm. Multi F MAX outdoor unit has a horizontal discharge airflow.

Outdoor Unit Coil

The outdoor unit coils are factory-built of aluminum fins mechanically bonded on copper tubing. Coils have a minimum of two rows, a minimum of 14 fins per inch, and have been factory pressure-tested.

Coil fins also have a factory applied corrosion-resistant GoldFin™ material with hydrophilic coating that has been tested in accordance with ASTM B-117 salt spray test procedure for a minimum of 1,000 hours.

Electrical

Multi F MAX outdoor unit shall be 208/230V, 1 phase, 60Hz electrical power capable of operating within ±10% of the rated voltage.

Controls

Factory installed microprocessor controls in the outdoor unit, BD unit(s), and indoor units shall perform functions to efficiently operate the multi zone system. System wiring must be installed in a tree configuration from outdoor unit to BD unit(s) to indoor units through four conductor power/transmission cable. The system is capable of performing continuous operation, even when power is turned off to an individual indoor unit.

Due to our policy of continuous product innovation, some specifications may change without notification.
©LG Electronics U.S.A., Inc., Englewood Cliffs, NJ. All rights reserved. "LG" is a registered trademark of LG Corp.

MULTI F MAX OUTDOOR UNIT

General Data

MULTI F
MULTI F MAX

Table 115: Multi F MAX Outdoor Unit General Data.

Model Number	LMU540HV
Rated Cooling Capacity (Btu/h)[1]	52,500
Rated Heating Capacity (Btu/h)[1]	58,000
Operating Range	
Cooling (°F DB)	14 - 118
Heating (°F WB)	0 - 64
Compressor	
Inverter Quantity	Twin Rotary x 1
Oil/Type	FVC68D
Fan (Side Discharge)	
Type	Propeller
Motor Output (W) x Qty.	124.2 x 2
Motor/Drive	Brushless Digitally Controlled/Direct
Maximum Air Volume (CFM)	2,119 x 2
Unit Data	
Refrigerant Type	R410A
Refrigerant Control/Location	EEV / Outdoor Unit, Branch Distribution Unit
Min. Number Indoor Units/System[2]	2
Max. Number Indoor Units/System[2]	8
Maximum Allowable Total Indoor Unit Connected Capacity (Btu/h)	73,000
Sound Pressure ±3 dB(A)[3] (Cooling / Heating)	54 / 56
Net Unit Weight (lbs.)	213.8
Shipping Weight (lbs.)	236
Power Wiring / Communication Cables[4] (No. x AWG)	4 x 16
Heat Exchanger	
Material and Fin Coating	Copper Tube / Aluminum Fin and GoldFin™/Hydrophilic
Rows/Columns/Fins per inch x Qty.	(2 x 32 x 14) x 2
Piping	
Liquid Line Connection (in., OD) x Qty.	3/8 x 1
Vapor Line Connection (in., OD) x Qty.	3/4 x 1
Factory Charge lbs. of R410A	9.7
Piping Lengths	
Maximum Total System Piping (ft.)[5]	476
Maximum Main Pipe Length (Outdoor Unit to Branch Distribution Unit [ft.])	180
Total Branch Piping (Branch Distribution Units to all Indoor Units [ft.])	295
Maximum Branch Pipe Length (Length between each BDU and IDU [ft.])	49
Maximum Outdoor Unit to Indoor Unit Pipe Length (ft.)	230
Piping Length (No Additional Refrigerant [ft.]; 16 ft. of Main Piping + 131 ft. of Branch Piping)	147
Maximum Elevation between Outdoor Unit and Indoor Unit (ft.)	98
Maximum Elevation between Indoor Unit and Indoor Unit (ft.)	49
Maximum Elevation between Branch Distribution Unit and Indoor Unit (ft.)	33
Maximum Elevation between Branch Distribution Unit and Branch Distribution Unit (ft.)	49

[1]Rated capacity applied with non-ducted indoor units, and is rated 0 ft. above sea level with a 0 ft. level difference between outdoor and indoor units. All capacities are net with a combination ratio between 95 – 105%.

Rated cooling capacity obtained with air entering the indoor unit at 80ºF dry bulb (DB) and 67ºF wet bulb (WB) and outdoor ambient conditions of 95ºF dry bulb (DB) and 75ºF wet bulb (WB).
Rated heating capacity obtained with air entering the indoor unit at 70ºF dry bulb (DB) and 60ºF wet bulb (WB) and outdoor ambient conditions of 47ºF dry bulb (DB) and 43ºF wet bulb (WB).

[2]At least one Branch Distribution Unit is required for system operation; a maximum of two can be installed per outdoor unit with use of Y-branch accessory (PMBL5620). At least two indoor units should be connected. For allocated capacity information, see the combination tables on pages 131 to 136.

[3]Sound pressure levels are tested in an anechoic chamber under ISO Standard 3745. These values can increase due to ambient conditions during operation.

[4]All power wiring / communication cable to be minimum 16 AWG from the outdoor unit to the BD unit, and 18 AWG from the BD unit to the indoor unit, stranded, shielded, and must comply with applicable local and national codes. For detailed electrical information, please refer to electric characteristics on page 165.

[5]Piping lengths are equivalent.

Due to our policy of continuous product innovation, some specifications may change without notification.
©LG Electronics U.S.A., Inc., Englewood Cliffs, NJ. All rights reserved. "LG" is a registered trademark of LG Corp.

MULTI F MAX OUTDOOR UNIT

General Data

Table 116: LMU540HV Efficiency Ratings.[1,2]

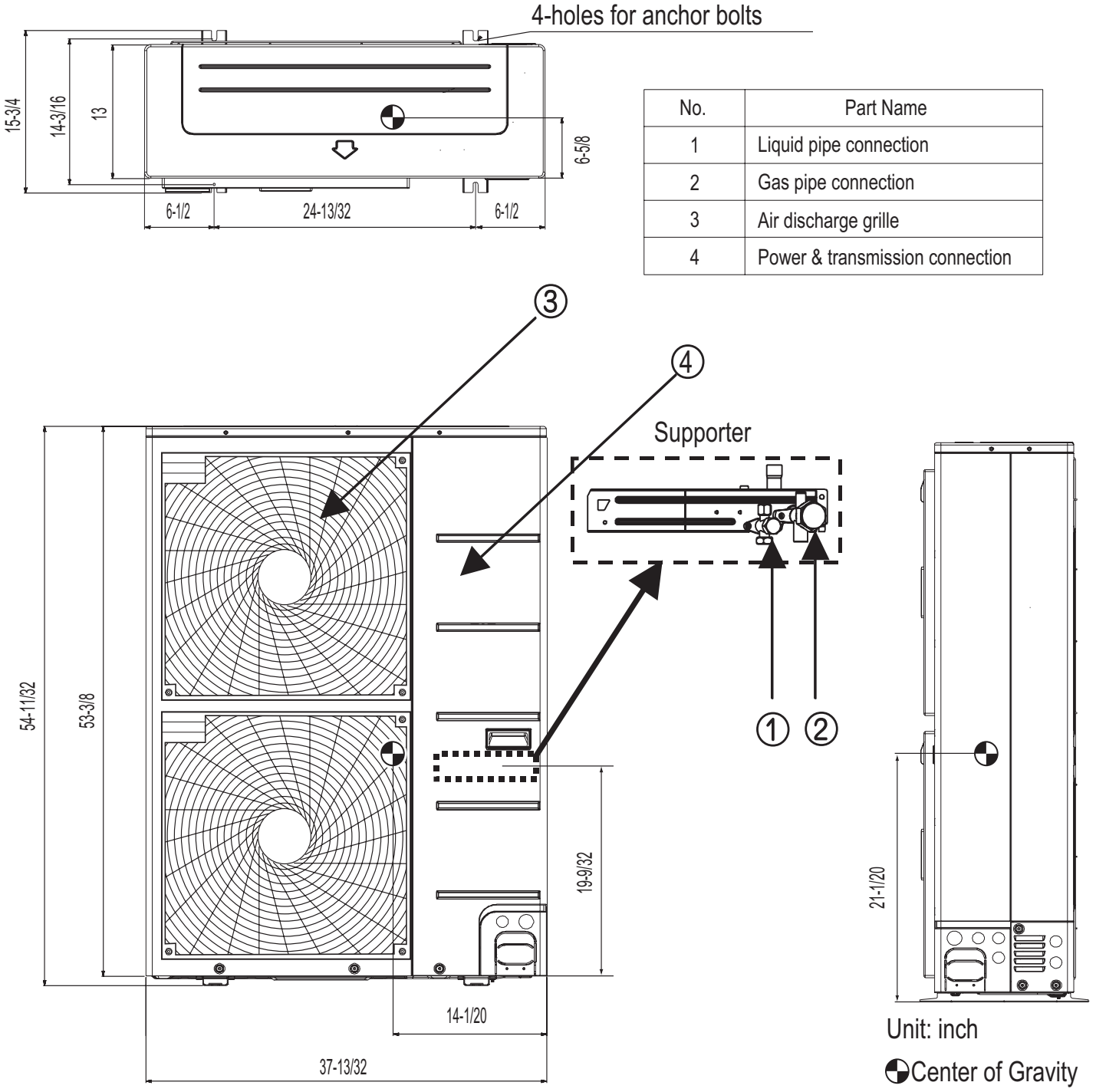
System	Combined With	Rated Cooling Capacity (Btu/h)	EER (95°F)	SEER	Rated Heating Capacity (Btu/h)	COP (47°F)	HSPF	Low Heating Capacity (Btu/h)	COP (17°F)	Energy Star
LMU540HV	Non-ducted Indoor Units	52,500	10.3	18.4	58,000	3.1	8.7	36,600	2.6	Yes
	Ducted Indoor Units	51,000	10.0	15.8	58,000	3.0	8.0	38,500	2.6	No
	Mixed Non-ducted and Ducted Indoor Units	51,750	10.15	17.1	58,000	3.0	8.35	37,550	2.6	No

[1]Rated capacity is rated 0 ft. above sea level with Piping Length as Main pipe (16.4 ft.) + Branch pipe (98.4 ft.) = 115 ft., and a 0 ft. level difference between outdoor and indoor units. All capacities are net with a combination ratio between 95 – 105%.
Rated cooling capacity rating obtained with air entering the indoor unit at 80ºF dry bulb (DB) and 67ºF wet bulb (WB) and outdoor ambient conditions of 95ºF dry bulb (DB) and 75ºF wet bulb (WB).
Rated heating capacity rating obtained with air entering the indoor unit at 70ºF dry bulb (DB) and 60ºF wet bulb (WB) and outdoor ambient conditions of 47ºF dry bulb (DB) and 43ºF wet bulb (WB).

[2]Rated capacity is certified under AHRI Standard 210 / 240. EER, IEER, COP, and HSPF are subject to change. See www.ahrinet.org for the latest values.

Due to our policy of continuous product innovation, some specifications may change without notification.
©LG Electronics U.S.A., Inc., Englewood Cliffs, NJ. All rights reserved. "LG" is a registered trademark of LG Corp.

Figure 20: LMU540HV External Dimensions.



No.	Part Name
1	Liquid pipe connection
2	Gas pipe connection
3	Air discharge grille
4	Power & transmission connection

Due to our policy of continuous product innovation, some specifications may change without notification.
©LG Electronics U.S.A., Inc., Englewood Cliffs, NJ. All rights reserved. "LG" is a registered trademark of LG Corp.

PERFORMANCE DATA

Rated Cooling Combination Tables

The individual indoor unit capacity can be calculated based on the outdoor unit Rated capacity as follows.[1]

$$\text{Individual Indoor Unit Combination Capacity (Qidu [Combi])} = \text{Outdoor Unit Rated Capacity (Qodu [Rated])} \times \frac{\text{Individual Indoor Unit Rated Capacity (Qidu [Rated])}}{\text{Total Connected Indoor Unit Rated Capacity } (\sum \text{Qidu [Rated]})}$$

[1]To calculate the individual IDU capacity based on ODU Corrected capacity, replace (Qodu [Rated]) with (Qodu [Corrected]) where (Qodu [Corrected]) is obtained from the capacity tables referencing design conditions.

Table 117: LMU540HV with Non-Ducted Indoor Units — Rated Cooling Combination Table.

Total Indoor Unit Capacity (kBtu/h)	Cooling Capacity						Input (W)			EER	SEER
	Minimum		Rated		Maximum		Minimum	Rated	Maximum		
	Btu/h	kW	Btu/h	kW	Btu/h	kW					
24	14,000	4.10	23,333	6.84	25,813	7.57	1,000	1,550	2,336	15.10	19.6
25	14,583	4.27	24,306	7.12	26,889	7.88	1,168	1,668	2,433	14.60	19.5
26	15,167	4.45	25,278	7.41	27,964	8.20	1,251	1,786	2,530	14.10	19.5
27	15,750	4.62	26,250	7.69	29,040	8.51	1,333	1,905	2,628	13.80	19.4
28	16,333	4.79	27,222	7.98	30,116	8.83	1,517	2,023	2,725	13.50	19.4
29	16,917	4.96	28,194	8.26	31,191	9.14	1,606	2,141	2,822	13.20	19.4
30	17,500	5.13	29,167	8.55	32,267	9.46	1,695	2,259	2,919	12.90	19.3
31	18,083	5.30	30,139	8.83	33,342	9.77	1,855	2,378	3,017	12.70	19.3
32	18,667	5.47	31,111	9.12	34,418	10.09	1,947	2,496	3,114	12.50	19.3
33	19,250	5.64	32,083	9.40	35,493	10.40	2,039	2,614	3,211	12.30	19.2
34	19,833	5.81	33,056	9.69	36,569	10.72	2,131	2,732	3,309	12.10	19.2
35	20,417	5.98	34,028	9.97	37,644	11.03	2,280	2,851	3,406	11.90	19.1
36	21,000	6.15	35,000	10.26	38,720	11.35	2,375	2,969	3,503	11.80	19.1
37	21,583	6.33	35,972	10.54	39,796	11.66	2,470	3,087	3,601	11.70	19.1
38	22,167	6.50	36,944	10.83	40,871	11.98	2,564	3,205	3,698	11.50	19.0
39	22,750	6.67	37,917	11.11	41,947	12.29	2,659	3,324	3,795	11.40	19.0
40	23,333	6.84	38,889	11.40	43,022	12.61	2,753	3,442	3,893	11.30	18.9
41	23,917	7.01	39,861	11.68	44,098	12.92	2,848	3,560	3,990	11.20	18.9
42	24,500	7.18	40,833	11.97	45,173	13.24	2,943	3,678	4,087	11.10	18.9
43	25,083	7.35	41,806	12.25	46,249	13.55	3,037	3,796	4,185	11.00	18.8
44	25,667	7.52	42,778	12.54	47,324	13.87	3,132	3,915	4,282	10.90	18.8
45	26,250	7.69	43,750	12.82	48,400	14.19	3,226	4,033	4,379	10.80	18.7
46	26,833	7.86	44,722	13.11	49,476	14.50	3,321	4,151	4,476	10.80	18.7
47	27,417	8.04	45,694	13.39	50,551	14.82	3,415	4,269	4,574	10.70	18.7
48	28,000	8.21	46,667	13.68	51,627	15.13	3,510	4,388	4,671	10.60	18.6
49	28,583	8.38	47,639	13.96	52,702	15.45	3,605	4,506	4,768	10.60	18.6
50	29,167	8.55	48,611	14.25	53,778	15.76	3,699	4,624	4,866	10.50	18.6
51	29,750	8.72	49,583	14.53	54,853	16.08	3,794	4,742	4,963	10.50	18.5
52	30,333	8.89	50,556	14.82	55,929	16.39	3,888	4,861	5,060	10.40	18.5
53	30,917	9.06	51,528	15.10	57,004	16.71	3,983	4,979	5,158	10.30	18.4
54	31,500	9.23	52,500	15.39	58,080	17.02	4,078	5,097	5,255	10.30	18.4
55	31,892	9.35	52,666	15.44	58,349	17.10	4,102	5,128	5,287	10.30	18.3
56	32,285	9.46	52,832	15.48	58,619	17.18	4,127	5,159	5,319	10.20	18.2
57	32,677	9.58	52,997	15.53	58,888	17.26	4,152	5,190	5,351	10.20	18.1
58	33,069	9.69	53,163	15.58	59,158	17.34	4,176	5,221	5,382	10.20	18.0
59	33,462	9.81	53,329	15.63	59,427	17.42	4,201	5,252	5,414	10.20	17.9
60	33,854	9.92	53,495	15.68	59,697	17.50	4,226	5,282	5,446	10.10	17.8
61	34,247	10.04	53,661	15.73	59,966	17.58	4,251	5,313	5,478	10.10	17.7
62	34,639	10.15	53,826	15.78	60,236	17.65	4,275	5,344	5,510	10.10	17.6
63	35,031	10.27	53,992	15.82	60,505	17.73	4,300	5,375	5,542	10.00	17.5
64	35,424	10.38	54,158	15.87	60,775	17.81	4,325	5,406	5,573	10.00	17.4
65	35,816	10.50	54,324	15.92	61,044	17.89	4,350	5,437	5,605	10.00	17.3
66	36,208	10.61	54,489	15.97	61,314	17.97	4,374	5,468	5,637	10.00	17.2
67	36,601	10.73	54,655	16.02	61,583	18.05	4,399	5,499	5,669	9.90	17.1
68	36,993	10.84	54,821	16.07	61,853	18.13	4,424	5,530	5,701	9.90	17.0
69	37,386	10.96	54,987	16.12	62,122	18.21	4,448	5,561	5,733	9.90	16.9
70	37,778	11.07	55,153	16.16	62,392	18.29	4,473	5,591	5,764	9.90	16.9
71	38,170	11.19	55,318	16.21	62,661	18.36	4,498	5,622	5,796	9.80	16.8
72	38,563	11.30	55,484	16.26	62,931	18.44	4,523	5,653	5,828	9.80	16.7
73	38,955	11.42	55,650	16.31	63,200	18.52	4,547	5,684	5,860	9.80	16.6

[1]Capacity as rated: 0 ft. above sea level with Piping Length as Main Pipe (16.4 ft.) + Branch pipe (98.4 ft.) = 115 ft.
0 ft. level difference between outdoor and indoor units.

[2]Cooling capacity rating obtained with air entering the indoor unit at 80ºF dry bulb (DB) and 67ºF wet bulb (WB), and outdoor ambient conditions of 95ºF dry bulb (DB) and 75ºF wet bulb (WB).

[3]Wiring cable size must comply with the applicable local and national codes.

[4]The specification may be subject to change without prior notice for purpose of improvement.

[5]Sum of connected indoor units capacity is 24~73 kBtu/h.

[6]At least two indoor units should be connected.

Due to our policy of continuous product innovation, some specifications may change without notification.
©LG Electronics U.S.A., Inc., Englewood Cliffs, NJ. All rights reserved. "LG" is a registered trademark of LG Corp.

PERFORMANCE DATA

Rated Cooling Combination Tables

Table 118: LMU540HV with Ducted Indoor Units — Rated Cooling Combination Table.

Total Indoor Unit Capacity (kBtu/h)	Cooling Capacity						Input (W)			EER	SEER
	Minimum		Rated		Maximum		Minimum	Rated	Maximum		
	Btu/h	kW	Btu/h	kW	Btu/h	kW					
24	13,600	3.99	22,667	6.64	25,076	7.35	1,000	1,550	2,337	14.60	18.3
25	14,167	4.15	23,611	6.92	26,121	7.66	1,168	1,668	2,434	14.20	18.1
26	14,733	4.32	24,556	7.20	27,165	7.96	1,251	1,787	2,532	13.70	18.1
27	15,300	4.48	25,500	7.47	28,210	8.27	1,334	1,905	2,629	13.40	18.0
28	15,867	4.65	26,444	7.75	29,255	8.57	1,518	2,023	2,726	13.10	17.9
29	16,433	4.82	27,389	8.03	30,300	8.88	1,606	2,142	2,824	12.80	17.8
30	17,000	4.98	28,333	8.30	31,345	9.19	1,695	2,260	2,921	12.50	17.7
31	17,567	5.15	29,278	8.58	32,390	9.49	1,855	2,378	3,019	12.30	17.7
32	18,133	5.31	30,222	8.86	33,434	9.80	1,947	2,497	3,116	12.10	17.6
33	18,700	5.48	31,167	9.13	34,479	10.11	2,040	2,615	3,213	11.90	17.5
34	19,267	5.65	32,111	9.41	35,524	10.41	2,132	2,733	3,311	11.70	17.4
35	19,833	5.81	33,056	9.69	36,569	10.72	2,281	2,852	3,408	11.60	17.3
36	20,400	5.98	34,000	9.96	37,614	11.02	2,376	2,970	3,505	11.40	17.3
37	20,967	6.14	34,944	10.24	38,659	11.33	2,471	3,088	3,603	11.30	17.2
38	21,533	6.31	35,889	10.52	39,703	11.64	2,565	3,207	3,700	11.20	17.1
39	22,100	6.48	36,833	10.80	40,748	11.94	2,660	3,325	3,798	11.10	17.0
40	22,667	6.64	37,778	11.07	41,793	12.25	2,755	3,443	3,895	11.00	16.9
41	23,233	6.81	38,722	11.35	42,838	12.56	2,849	3,562	3,992	10.90	16.8
42	23,800	6.98	39,667	11.63	43,883	12.86	2,944	3,680	4,090	10.80	16.8
43	24,367	7.14	40,611	11.90	44,927	13.17	3,039	3,798	4,187	10.70	16.7
44	24,933	7.31	41,556	12.18	45,972	13.47	3,133	3,917	4,284	10.60	16.6
45	25,500	7.47	42,500	12.46	47,017	13.78	3,228	4,035	4,382	10.50	16.5
46	26,067	7.64	43,444	12.73	48,062	14.09	3,323	4,153	4,479	10.50	16.4
47	26,633	7.81	44,389	13.01	49,107	14.39	3,417	4,272	4,576	10.40	16.4
48	27,200	7.97	45,333	13.29	50,152	14.70	3,512	4,390	4,674	10.30	16.3
49	27,767	8.14	46,278	13.56	51,196	15.00	3,607	4,508	4,771	10.30	16.2
50	28,333	8.30	47,222	13.84	52,241	15.31	3,701	4,627	4,869	10.20	16.1
51	28,900	8.47	48,167	14.12	53,286	15.62	3,796	4,745	4,966	10.20	16.0
52	29,467	8.64	49,111	14.39	54,331	15.92	3,891	4,863	5,063	10.10	16.0
53	30,033	8.80	50,056	14.67	55,376	16.23	3,985	4,982	5,161	10.00	15.9
54	30,600	8.97	51,000	14.95	56,421	16.54	4,080	5,100	5,258	10.00	15.8
55	30,981	9.08	51,161	14.99	56,777	16.64	4,105	5,131	5,290	10.00	15.8
56	31,362	9.19	51,322	15.04	57,134	16.75	4,129	5,161	5,321	9.90	15.8
57	31,743	9.30	51,483	15.09	57,491	16.85	4,154	5,192	5,353	9.90	15.8
58	32,125	9.42	51,644	15.14	57,848	16.95	4,178	5,223	5,385	9.90	15.8
59	32,506	9.53	51,805	15.18	58,205	17.06	4,203	5,254	5,416	9.90	15.8
60	32,887	9.64	51,966	15.23	58,561	17.16	4,228	5,284	5,448	9.80	15.8
61	33,268	9.75	52,127	15.28	58,918	17.27	4,252	5,315	5,480	9.80	15.8
62	33,649	9.86	52,288	15.32	59,275	17.37	4,277	5,346	5,512	9.80	15.8
63	34,030	9.97	52,449	15.37	59,632	17.48	4,301	5,377	5,543	9.80	15.8
64	34,412	10.09	52,611	15.42	59,989	17.58	4,326	5,407	5,575	9.70	15.8
65	34,793	10.20	52,772	15.47	60,346	17.69	4,351	5,438	5,607	9.70	15.8
66	35,174	10.31	52,933	15.51	60,702	17.79	4,375	5,469	5,638	9.70	15.8
67	35,555	10.42	53,094	15.56	61,059	17.90	4,400	5,500	5,670	9.70	15.8
68	35,936	10.53	53,255	15.61	61,416	18.00	4,424	5,530	5,702	9.60	15.8
69	36,317	10.64	53,416	15.66	61,773	18.10	4,449	5,561	5,733	9.60	15.8
70	36,699	10.76	53,577	15.70	62,130	18.21	4,474	5,592	5,765	9.60	15.8
71	37,080	10.87	53,738	15.75	62,486	18.31	4,498	5,623	5,797	9.60	15.8
72	37,461	10.98	53,899	15.80	62,843	18.42	4,523	5,653	5,828	9.50	15.8
73	37,842	11.09	54,060	15.84	63,200	18.52	4,547	5,684	5,860	9.50	15.8

[1]Capacity as rated: 0 ft. above sea level with Piping Length as Main Pipe (16.4 ft.) + Branch pipe (98.4 ft.) = 115 ft.
0 ft. level difference between outdoor and indoor units.

[2]Cooling capacity rating obtained with air entering the indoor unit at 80ºF dry bulb (DB) and 67ºF wet bulb (WB), and outdoor ambient conditions of 95ºF dry bulb (DB) and 75ºF wet bulb (WB).

[3]Wiring cable size must comply with the applicable local and national codes.

[4]The specification may be subject to change without prior notice for purpose of improvement.

[5]Sum of connected indoor units capacity is 24~73 kBtu/h.

[6]At least two indoor units should be connected.

Due to our policy of continuous product innovation, some specifications may change without notification.
©LG Electronics U.S.A., Inc., Englewood Cliffs, NJ. All rights reserved. "LG" is a registered trademark of LG Corp.

PERFORMANCE DATA

Rated Cooling Combination Tables

Table 119: LMU540HV with Mixed Indoor Units — Rated Cooling Combination Table.

Total Indoor Unit Capacity (kBtu/h)	Cooling Capacity						Input (W)			EER	SEER
	Minimum		Rated		Maximum		Minimum	Rated	Maximum		
	Btu/h	kW	Btu/h	kW	Btu/h	kW					
24	13,800	4.04	23,000	6.74	25,445	7.46	1,000	1,550	2,336	14.85	19.0
25	14,375	4.21	23,958	7.02	26,505	7.77	1,168	1,668	2,434	14.40	18.8
26	14,950	4.38	24,917	7.30	27,565	8.08	1,251	1,787	2,531	13.90	18.8
27	15,525	4.55	25,875	7.58	28,625	8.39	1,333	1,905	2,628	13.60	18.7
28	16,100	4.72	26,833	7.86	29,685	8.70	1,517	2,023	2,726	13.30	18.7
29	16,675	4.89	27,792	8.15	30,746	9.01	1,606	2,141	2,823	13.00	18.6
30	17,250	5.06	28,750	8.43	31,806	9.32	1,695	2,260	2,920	12.70	18.5
31	17,825	5.22	29,708	8.71	32,866	9.63	1,855	2,378	3,018	12.50	18.5
32	18,400	5.39	30,667	8.99	33,926	9.94	1,947	2,496	3,115	12.30	18.4
33	18,975	5.56	31,625	9.27	34,986	10.25	2,039	2,615	3,212	12.10	18.4
34	19,550	5.73	32,583	9.55	36,046	10.56	2,132	2,733	3,310	11.90	18.3
35	20,125	5.90	33,542	9.83	37,107	10.88	2,281	2,851	3,407	11.75	18.2
36	20,700	6.07	34,500	10.11	38,167	11.19	2,376	2,969	3,504	11.60	18.2
37	21,275	6.24	35,458	10.39	39,227	11.50	2,470	3,088	3,602	11.50	18.1
38	21,850	6.40	36,417	10.67	40,287	11.81	2,565	3,206	3,699	11.35	18.1
39	22,425	6.57	37,375	10.95	41,347	12.12	2,659	3,324	3,796	11.25	18.0
40	23,000	6.74	38,333	11.23	42,408	12.43	2,754	3,443	3,894	11.15	17.9
41	23,575	6.91	39,292	11.52	43,468	12.74	2,849	3,561	3,991	11.05	17.9
42	24,150	7.08	40,250	11.80	44,528	13.05	2,943	3,679	4,088	10.95	17.8
43	24,725	7.25	41,208	12.08	45,588	13.36	3,038	3,797	4,186	10.85	17.8
44	25,300	7.42	42,167	12.36	46,648	13.67	3,133	3,916	4,283	10.75	17.7
45	25,875	7.58	43,125	12.64	47,709	13.98	3,227	4,034	4,380	10.65	17.6
46	26,450	7.75	44,083	12.92	48,769	14.29	3,322	4,152	4,478	10.65	17.6
47	27,025	7.92	45,042	13.20	49,829	14.60	3,416	4,271	4,575	10.55	17.5
48	27,600	8.09	46,000	13.48	50,889	14.91	3,511	4,389	4,672	10.45	17.5
49	28,175	8.26	46,958	13.76	51,949	15.23	3,606	4,507	4,770	10.45	17.4
50	28,750	8.43	47,917	14.04	53,010	15.54	3,700	4,625	4,867	10.35	17.3
51	29,325	8.59	48,875	14.32	54,070	15.85	3,795	4,744	4,965	10.35	17.3
52	29,900	8.76	49,833	14.61	55,130	16.16	3,890	4,862	5,062	10.25	17.2
53	30,475	8.93	50,792	14.89	56,190	16.47	3,984	4,980	5,159	10.15	17.2
54	31,050	9.10	51,750	15.17	57,250	16.78	4,079	5,099	5,257	10.15	17.1
55	31,437	9.21	51,913	15.21	57,563	16.87	4,103	5,129	5,288	10.15	17.1
56	31,824	9.33	52,077	15.26	57,877	16.96	4,128	5,160	5,320	10.05	17.0
57	32,210	9.44	52,240	15.31	58,190	17.05	4,153	5,191	5,352	10.05	17.0
58	32,597	9.55	52,404	15.36	58,503	17.15	4,177	5,222	5,384	10.05	16.9
59	32,984	9.67	52,567	15.41	58,816	17.24	4,202	5,253	5,415	10.05	16.9
60	33,371	9.78	52,731	15.45	59,129	17.33	4,227	5,283	5,447	9.95	16.8
61	33,757	9.89	52,894	15.50	59,442	17.42	4,251	5,314	5,479	9.95	16.8
62	34,144	10.01	53,057	15.55	59,755	17.51	4,276	5,345	5,511	9.95	16.7
63	34,531	10.12	53,221	15.60	60,069	17.61	4,301	5,376	5,542	9.90	16.7
64	34,918	10.23	53,384	15.65	60,382	17.70	4,325	5,407	5,574	9.85	16.6
65	35,304	10.35	53,548	15.69	60,695	17.79	4,350	5,438	5,606	9.85	16.6
66	35,691	10.46	53,711	15.74	61,008	17.88	4,375	5,468	5,638	9.85	16.5
67	36,078	10.57	53,874	15.79	61,321	17.97	4,399	5,499	5,669	9.80	16.5
68	36,465	10.69	54,038	15.84	61,634	18.06	4,424	5,530	5,701	9.75	16.4
69	36,851	10.80	54,201	15.89	61,947	18.16	4,449	5,561	5,733	9.75	16.4
70	37,238	10.91	54,365	15.93	62,261	18.25	4,473	5,592	5,765	9.75	16.3
71	37,625	11.03	54,528	15.98	62,574	18.34	4,498	5,623	5,796	9.70	16.3
72	38,012	11.14	54,692	16.03	62,887	18.43	4,523	5,653	5,828	9.65	16.2
73	38,399	11.25	54,855	16.08	63,200	18.52	4,547	5,684	5,860	9.65	16.2

[1]Capacity as rated: 0 ft. above sea level with Piping Length as Main Pipe (16.4 ft.) + Branch pipe (98.4 ft.) = 115 ft.
0 ft. level difference between outdoor and indoor units.

[2]Cooling capacity rating obtained with air entering the indoor unit at 80ºF dry bulb (DB) and 67ºF wet bulb (WB), and outdoor ambient conditions of 95ºF dry bulb (DB) and 75ºF wet bulb (WB).

[3]Wiring cable size must comply with the applicable local and national codes.

[4]The specification may be subject to change without prior notice for purpose of improvement.

[5]Sum of connected indoor units capacity is 24~73 kBtu/h.

[6]At least two indoor units should be connected.

Due to our policy of continuous product innovation, some specifications may change without notification.
©LG Electronics U.S.A., Inc., Englewood Cliffs, NJ. All rights reserved. "LG" is a registered trademark of LG Corp.

PERFORMANCE DATA

Rated Heating Combination Tables

Table 120: LMU540HV with Non-Ducted Indoor Units — Rated Heating Combination Table.

Total Indoor Unit Capacity (kBtu/h)	Heating Capacity						Input (W)			COP	HSPF
	Minimum		Rated		Maximum		Minimum	Rated	Maximum		
	Btu/h	kW	Btu/h	kW	Btu/h	kW					
24	15,467	4.53	25,778	7.56	27,067	7.93	1,490	2,161	2,474	3.50	10.3
25	16,111	4.72	26,852	7.87	28,194	8.26	1,588	2,268	2,578	3.50	10.2
26	16,756	4.91	27,926	8.18	29,322	8.59	1,664	2,376	2,681	3.40	10.1
27	17,400	5.10	29,000	8.50	30,450	8.92	1,739	2,484	2,784	3.40	10.1
28	18,044	5.29	30,074	8.81	31,578	9.25	1,944	2,592	2,887	3.40	10.0
29	18,689	5.48	31,148	9.13	32,706	9.59	2,025	2,700	2,990	3.40	10.0
30	19,333	5.67	32,222	9.44	33,833	9.92	2,106	2,808	3,093	3.40	9.9
31	19,978	5.86	33,296	9.76	34,961	10.25	2,275	2,916	3,196	3.30	9.9
32	20,622	6.04	34,370	10.07	36,089	10.58	2,359	3,024	3,299	3.30	9.8
33	21,267	6.23	35,444	10.39	37,217	10.91	2,443	3,132	3,402	3.30	9.8
34	21,911	6.42	36,519	10.70	38,344	11.24	2,527	3,240	3,505	3.30	9.7
35	22,556	6.61	37,593	11.02	39,472	11.57	2,679	3,348	3,609	3.30	9.7
36	23,200	6.80	38,667	11.33	40,600	11.90	2,765	3,456	3,712	3.30	9.6
37	23,844	6.99	39,741	11.65	41,728	12.23	2,851	3,564	3,815	3.30	9.6
38	24,489	7.18	40,815	11.96	42,856	12.56	2,938	3,672	3,918	3.30	9.5
39	25,133	7.37	41,889	12.28	43,983	12.89	3,024	3,780	4,021	3.20	9.5
40	25,778	7.56	42,963	12.59	45,111	13.22	3,111	3,888	4,124	3.20	9.4
41	26,422	7.74	44,037	12.91	46,239	13.55	3,197	3,996	4,227	3.20	9.4
42	27,067	7.93	45,111	13.22	47,367	13.88	3,283	4,104	4,330	3.20	9.3
43	27,711	8.12	46,185	13.54	48,494	14.21	3,370	4,212	4,433	3.20	9.3
44	28,356	8.31	47,259	13.85	49,622	14.54	3,456	4,320	4,536	3.20	9.2
45	29,000	8.50	48,333	14.17	50,750	14.87	3,543	4,428	4,640	3.20	9.2
46	29,644	8.69	49,407	14.48	51,878	15.20	3,629	4,536	4,743	3.20	9.1
47	30,289	8.88	50,481	14.80	53,006	15.54	3,715	4,644	4,846	3.20	9.1
48	30,933	9.07	51,556	15.11	54,133	15.87	3,802	4,752	4,949	3.20	9.0
49	31,578	9.25	52,630	15.42	55,261	16.20	3,888	4,860	5,052	3.20	9.0
50	32,222	9.44	53,704	15.74	56,389	16.53	3,974	4,968	5,155	3.20	8.9
51	32,867	9.63	54,778	16.05	57,517	16.86	4,061	5,076	5,258	3.20	8.9
52	33,511	9.82	55,852	16.37	58,644	17.19	4,147	5,184	5,361	3.20	8.8
53	34,156	10.01	56,926	16.68	59,772	17.52	4,234	5,292	5,464	3.20	8.8
54	34,800	10.20	58,000	17.00	60,900	17.85	4,320	5,400	5,567	3.10	8.7
55	35,233	10.33	58,183	17.05	61,063	17.90	4,345	5,432	5,600	3.10	8.7
56	35,667	10.45	58,366	17.11	61,226	17.94	4,371	5,464	5,633	3.10	8.7
57	36,100	10.58	58,549	17.16	61,389	17.99	4,396	5,495	5,666	3.10	8.7
58	36,534	10.71	58,733	17.21	61,553	18.04	4,422	5,527	5,698	3.10	8.7
59	36,967	10.83	58,916	17.27	61,716	18.09	4,447	5,559	5,731	3.10	8.7
60	37,401	10.96	59,099	17.32	61,879	18.14	4,473	5,591	5,764	3.10	8.7
61	37,834	11.09	59,282	17.37	62,042	18.18	4,498	5,623	5,797	3.10	8.7
62	38,268	11.22	59,465	17.43	62,205	18.23	4,524	5,654	5,830	3.10	8.7
63	38,701	11.34	59,648	17.48	62,368	18.28	4,549	5,686	5,862	3.10	8.7
64	39,135	11.47	59,832	17.54	62,532	18.33	4,574	5,718	5,895	3.10	8.7
65	39,568	11.60	60,015	17.59	62,695	18.37	4,600	5,750	5,928	3.10	8.7
66	40,002	11.72	60,198	17.64	62,858	18.42	4,625	5,782	5,961	3.10	8.7
67	40,435	11.85	60,381	17.70	63,021	18.47	4,651	5,813	5,993	3.00	8.7
68	40,869	11.98	60,564	17.75	63,184	18.52	4,676	5,845	6,026	3.00	8.7
69	41,302	12.10	60,747	17.80	63,347	18.57	4,702	5,877	6,059	3.00	8.7
70	41,736	12.23	60,931	17.86	63,511	18.61	4,727	5,909	6,092	3.00	8.7
71	42,169	12.36	61,114	17.91	63,674	18.66	4,753	5,941	6,124	3.00	8.7
72	42,603	12.49	61,297	17.97	63,837	18.71	4,778	5,972	6,157	3.00	8.7
73	43,036	12.61	61,480	18.02	64,000	18.76	4,803	6,004	6,190	3.00	8.7

[1]Capacity as rated: 0 ft. above sea level with Piping Length as Main Pipe (16.4 ft.) + Branch pipe (98.4 ft.) = 115 ft.
0 ft. level difference between outdoor and indoor units.

[2]Heating capacity rating obtained with air entering the indoor unit at 70ºF dry bulb (DB) and 60ºF wet bulb (WB), and outdoor ambient conditions of 47ºF dry bulb (DB) and 43ºF wet bulb (WB).

[3]Wiring cable size must comply with the applicable local and national codes.

[4]The specification may be subject to change without prior notice for purpose of improvement.

[5]Sum of connected indoor units capacity is 24~73 kBtu/h.

[6]At least two indoor units should be connected.

Due to our policy of continuous product innovation, some specifications may change without notification.
©LG Electronics U.S.A., Inc., Englewood Cliffs, NJ. All rights reserved. "LG" is a registered trademark of LG Corp.

PERFORMANCE DATA

Rated Heating Combination Tables

Table 121: LMU540HV with Ducted Indoor Units — Rated Heating Combination Table.

Total Indoor Unit Capacity (kBtu/h)	Heating Capacity						Input (W)			COP	HSPF
	Minimum		Rated		Maximum		Minimum	Rated	Maximum		
	Btu/h	kW	Btu/h	kW	Btu/h	kW					
24	15,467	4.53	25,778	7.56	27,067	7.93	1,490	2,310	2,557	3.30	9.8
25	16,111	4.72	26,852	7.87	28,194	8.26	1,645	2,419	2,663	3.30	9.7
26	16,756	4.91	27,926	8.18	29,322	8.59	1,719	2,528	2,770	3.20	9.6
27	17,400	5.10	29,000	8.50	30,450	8.92	1,793	2,637	2,876	3.20	9.6
28	18,044	5.29	30,074	8.81	31,578	9.25	1,977	2,746	2,983	3.20	9.5
29	18,689	5.48	31,148	9.13	32,706	9.59	2,055	2,855	3,090	3.20	9.5
30	19,333	5.67	32,222	9.44	33,833	9.92	2,134	2,964	3,196	3.20	9.4
31	19,978	5.86	33,296	9.76	34,961	10.25	2,304	3,073	3,303	3.20	9.3
32	20,622	6.04	34,370	10.07	36,089	10.58	2,386	3,182	3,409	3.20	9.3
33	21,267	6.23	35,444	10.39	37,217	10.91	2,468	3,291	3,516	3.20	9.2
34	21,911	6.42	36,519	10.70	38,344	11.24	2,550	3,400	3,622	3.10	9.2
35	22,556	6.61	37,593	11.02	39,472	11.57	2,737	3,509	3,729	3.10	9.1
36	23,200	6.80	38,667	11.33	40,600	11.90	2,822	3,618	3,835	3.10	9.0
37	23,844	6.99	39,741	11.65	41,728	12.23	2,907	3,727	3,942	3.10	9.0
38	24,489	7.18	40,815	11.96	42,856	12.56	2,992	3,836	4,048	3.10	8.9
39	25,133	7.37	41,889	12.28	43,983	12.89	3,156	3,945	4,155	3.10	8.9
40	25,778	7.56	42,963	12.59	45,111	13.22	3,243	4,054	4,261	3.10	8.8
41	26,422	7.74	44,037	12.91	46,239	13.55	3,330	4,163	4,368	3.10	8.8
42	27,067	7.93	45,111	13.22	47,367	13.88	3,417	4,272	4,475	3.10	8.7
43	27,711	8.12	46,185	13.54	48,494	14.21	3,505	4,381	4,581	3.10	8.6
44	28,356	8.31	47,259	13.85	49,622	14.54	3,592	4,490	4,688	3.10	8.6
45	29,000	8.50	48,333	14.17	50,750	14.87	3,679	4,599	4,794	3.10	8.5
46	29,644	8.69	49,407	14.48	51,878	15.20	3,766	4,708	4,901	3.10	8.5
47	30,289	8.88	50,481	14.80	53,006	15.54	3,854	4,817	5,007	3.10	8.4
48	30,933	9.07	51,556	15.11	54,133	15.87	3,941	4,926	5,114	3.10	8.3
49	31,578	9.25	52,630	15.42	55,261	16.20	4,028	5,035	5,220	3.10	8.3
50	32,222	9.44	53,704	15.74	56,389	16.53	4,115	5,144	5,327	3.10	8.2
51	32,867	9.63	54,778	16.05	57,517	16.86	4,202	5,253	5,433	3.10	8.2
52	33,511	9.82	55,852	16.37	58,644	17.19	4,290	5,362	5,540	3.10	8.1
53	34,156	10.01	56,926	16.68	59,772	17.52	4,377	5,471	5,646	3.00	8.1
54	34,800	10.20	58,000	17.00	60,900	17.85	4,464	5,580	5,753	3.00	8.0
55	35,233	10.33	58,183	17.05	61,021	17.88	4,482	5,602	5,776	3.00	8.0
56	35,667	10.45	58,366	17.11	61,142	17.92	4,500	5,625	5,799	3.00	8.0
57	36,100	10.58	58,549	17.16	61,263	17.96	4,518	5,647	5,822	3.00	8.0
58	36,534	10.71	58,733	17.21	61,384	17.99	4,535	5,669	5,845	3.00	8.0
59	36,967	10.83	58,916	17.27	61,505	18.03	4,553	5,692	5,868	3.00	8.0
60	37,401	10.96	59,099	17.32	61,626	18.06	4,571	5,714	5,891	3.00	8.0
61	37,834	11.09	59,282	17.37	61,747	18.10	4,589	5,736	5,914	3.00	8.0
62	38,268	11.22	59,465	17.43	61,868	18.13	4,607	5,759	5,937	3.00	8.0
63	38,701	11.34	59,648	17.48	61,989	18.17	4,625	5,781	5,960	3.00	8.0
64	39,135	11.47	59,832	17.54	62,111	18.20	4,643	5,803	5,983	3.00	8.0
65	39,568	11.60	60,015	17.59	62,232	18.24	4,661	5,826	6,006	3.00	8.0
66	40,002	11.72	60,198	17.64	62,353	18.27	4,678	5,848	6,029	3.00	8.0
67	40,435	11.85	60,381	17.70	62,474	18.31	4,696	5,870	6,052	3.00	8.0
68	40,869	11.98	60,564	17.75	62,595	18.35	4,714	5,893	6,075	3.00	8.0
69	41,302	12.10	60,747	17.80	62,716	18.38	4,732	5,915	6,098	3.00	8.0
70	41,736	12.23	60,931	17.86	62,837	18.42	4,750	5,937	6,121	3.00	8.0
71	42,169	12.36	61,114	17.91	62,958	18.45	4,768	5,960	6,144	3.00	8.0
72	42,603	12.49	61,297	17.97	63,079	18.49	4,786	5,982	6,167	3.00	8.0
73	43,036	12.61	61,480	18.02	63,200	18.52	4,803	6,004	6,190	3.00	8.0

[1]Capacity as rated: 0 ft. above sea level with Piping Length as Main Pipe (16.4 ft.) + Branch pipe (98.4 ft.) = 115 ft.
0 ft. level difference between outdoor and indoor units.

[2]Heating capacity rating obtained with air entering the indoor unit at 70ºF dry bulb (DB) and 60ºF wet bulb (WB), and outdoor ambient conditions of 47ºF dry bulb (DB) and 43ºF wet bulb (WB).

[3]Wiring cable size must comply with the applicable local and national codes.

[4]The specification may be subject to change without prior notice for purpose of improvement.

[5]Sum of connected indoor units capacity is 24~73 kBtu/h.

[6]At least two indoor units should be connected.

Due to our policy of continuous product innovation, some specifications may change without notification.
©LG Electronics U.S.A., Inc., Englewood Cliffs, NJ. All rights reserved. "LG" is a registered trademark of LG Corp.

PERFORMANCE DATA

Rated Heating Combination Tables

Table 122: LMU540HV with Mixed Indoor Units — Rated Heating Combination Table.

Total Indoor Unit Capacity (kBtu/h)	Heating Capacity						Input (W)			COP	HSPF
	Minimum		Rated		Maximum		Minimum	Rated	Maximum		
	Btu/h	kW	Btu/h	kW	Btu/h	kW					
24	15,467	4.53	25,778	7.56	27,067	7.93	1,490	2,235	2,516	3.40	10.1
25	16,111	4.72	26,852	7.87	28,194	8.26	1,616	2,344	2,620	3.40	9.9
26	16,756	4.91	27,926	8.18	29,322	8.59	1,691	2,452	2,725	3.30	9.9
27	17,400	5.10	29,000	8.50	30,450	8.92	1,766	2,561	2,830	3.30	9.8
28	18,044	5.29	30,074	8.81	31,578	9.25	1,961	2,669	2,935	3.30	9.8
29	18,689	5.48	31,148	9.13	32,706	9.59	2,040	2,778	3,040	3.30	9.7
30	19,333	5.67	32,222	9.44	33,833	9.92	2,120	2,886	3,145	3.30	9.7
31	19,978	5.86	33,296	9.76	34,961	10.25	2,290	2,995	3,249	3.25	9.6
32	20,622	6.04	34,370	10.07	36,089	10.58	2,373	3,103	3,354	3.25	9.6
33	21,267	6.23	35,444	10.39	37,217	10.91	2,456	3,212	3,459	3.25	9.5
34	21,911	6.42	36,519	10.70	38,344	11.24	2,539	3,320	3,564	3.20	9.4
35	22,556	6.61	37,593	11.02	39,472	11.57	2,708	3,429	3,669	3.20	9.4
36	23,200	6.80	38,667	11.33	40,600	11.90	2,793	3,537	3,773	3.20	9.3
37	23,844	6.99	39,741	11.65	41,728	12.23	2,879	3,646	3,878	3.20	9.3
38	24,489	7.18	40,815	11.96	42,856	12.56	2,965	3,754	3,983	3.20	9.2
39	25,133	7.37	41,889	12.28	43,983	12.89	3,090	3,863	4,088	3.15	9.2
40	25,778	7.56	42,963	12.59	45,111	13.22	3,177	3,971	4,193	3.15	9.1
41	26,422	7.74	44,037	12.91	46,239	13.55	3,264	4,080	4,298	3.15	9.1
42	27,067	7.93	45,111	13.22	47,367	13.88	3,350	4,188	4,402	3.15	9.0
43	27,711	8.12	46,185	13.54	48,494	14.21	3,437	4,297	4,507	3.15	9.0
44	28,356	8.31	47,259	13.85	49,622	14.54	3,524	4,405	4,612	3.15	8.9
45	29,000	8.50	48,333	14.17	50,750	14.87	3,611	4,514	4,717	3.15	8.8
46	29,644	8.69	49,407	14.48	51,878	15.20	3,698	4,622	4,822	3.15	8.8
47	30,289	8.88	50,481	14.80	53,006	15.54	3,784	4,731	4,926	3.15	8.7
48	30,933	9.07	51,556	15.11	54,133	15.87	3,871	4,839	5,031	3.15	8.7
49	31,578	9.25	52,630	15.42	55,261	16.20	3,958	4,948	5,136	3.15	8.6
50	32,222	9.44	53,704	15.74	56,389	16.53	4,045	5,056	5,241	3.15	8.6
51	32,867	9.63	54,778	16.05	57,517	16.86	4,132	5,165	5,346	3.15	8.5
52	33,511	9.82	55,852	16.37	58,644	17.19	4,218	5,273	5,451	3.15	8.5
53	34,156	10.01	56,926	16.68	59,772	17.52	4,305	5,382	5,555	3.10	8.4
54	34,800	10.20	58,000	17.00	60,900	17.85	4,392	5,490	5,660	3.05	8.35
55	35,233	10.33	58,183	17.05	61,042	17.89	4,414	5,517	5,688	3.05	8.35
56	35,667	10.45	58,366	17.11	61,184	17.93	4,435	5,544	5,716	3.05	8.35
57	36,100	10.58	58,549	17.16	61,326	17.97	4,457	5,571	5,744	3.05	8.35
58	36,534	10.71	58,733	17.21	61,468	18.02	4,479	5,598	5,772	3.05	8.35
59	36,967	10.83	58,916	17.27	61,611	18.06	4,500	5,625	5,800	3.05	8.35
60	37,401	10.96	59,099	17.32	61,753	18.10	4,522	5,652	5,827	3.05	8.35
61	37,834	11.09	59,282	17.37	61,895	18.14	4,544	5,679	5,855	3.05	8.35
62	38,268	11.22	59,465	17.43	62,037	18.18	4,565	5,707	5,883	3.05	8.35
63	38,701	11.34	59,648	17.48	62,179	18.22	4,587	5,734	5,911	3.05	8.35
64	39,135	11.47	59,832	17.54	62,321	18.27	4,609	5,761	5,939	3.05	8.35
65	39,568	11.60	60,015	17.59	62,463	18.31	4,630	5,788	5,967	3.05	8.35
66	40,002	11.72	60,198	17.64	62,605	18.35	4,652	5,815	5,995	3.05	8.35
67	40,435	11.85	60,381	17.70	62,747	18.39	4,674	5,842	6,023	3.00	8.35
68	40,869	11.98	60,564	17.75	62,889	18.43	4,695	5,869	6,051	3.00	8.35
69	41,302	12.10	60,747	17.80	63,032	18.47	4,717	5,896	6,078	3.00	8.35
70	41,736	12.23	60,931	17.86	63,174	18.52	4,738	5,923	6,106	3.00	8.35
71	42,169	12.36	61,114	17.91	63,316	18.56	4,760	5,950	6,134	3.00	8.35
72	42,603	12.49	61,297	17.97	63,458	18.60	4,782	5,977	6,162	3.00	8.35
73	43,036	12.61	61,480	18.02	63,600	18.64	4,803	6,004	6,190	3.00	8.35

[1]Capacity as rated: 0 ft. above sea level with Piping Length as Main Pipe (16.4 ft.) + Branch pipe (98.4 ft.) = 115 ft.
0 ft. level difference between outdoor and indoor units.

[2]Heating capacity rating obtained with air entering the indoor unit at 70°F dry bulb (DB) and 60°F wet bulb (WB), and outdoor ambient conditions of 47°F dry bulb (DB) and 43°F wet bulb (WB).

[3]Wiring cable size must comply with the applicable local and national codes.

[4]The specification may be subject to change without prior notice for purpose of improvement.

[5]Sum of connected indoor units capacity is 24~73 kBtu/h.

[6]At least two indoor units should be connected.

Due to our policy of continuous product innovation, some specifications may change without notification.
©LG Electronics U.S.A., Inc., Englewood Cliffs, NJ. All rights reserved. "LG" is a registered trademark of LG Corp.

PERFORMANCE DATA

Cooling Capacity Tables

Table 123: LMU540HV Cooling Capacity Table — Non-Ducted Indoor Units.

Combination Capacity Index (kBtu/h[%])	Outdoor Air Temp. (°F DB)	Indoor Air Temp. °F DB / °F WB											
		68 / 57		73 / 61		77 / 64		80 / 67		86 / 72		90 / 75	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
Non-Ducted Indoor Units 73 (135%)	14	54.55	3.55	57.94	3.68	61.33	3.82	63.78	3.86	68.11	3.94	71.49	4.01
	20	54.51	3.61	57.90	3.74	61.28	3.87	63.73	3.92	68.05	3.99	71.44	4.07
	25	54.47	3.66	57.85	3.79	61.24	3.93	63.68	3.97	68.00	4.05	71.38	4.13
	30	54.43	3.71	57.81	3.84	61.19	3.98	63.63	4.03	67.95	4.10	71.33	4.19
	35	54.39	3.76	57.76	3.90	61.14	4.04	63.58	4.08	67.90	4.16	71.28	4.25
	40	54.35	3.81	57.72	3.95	61.10	4.09	63.53	4.14	67.85	4.22	71.22	4.30
	45	54.30	3.86	57.68	4.00	61.05	4.15	63.48	4.20	67.79	4.27	71.17	4.36
	50	54.26	3.91	57.63	4.05	61.00	4.20	63.44	4.25	67.74	4.33	71.11	4.42
	55	54.22	3.96	57.59	4.11	60.96	4.26	63.39	4.31	67.69	4.39	71.06	4.48
	60	54.18	4.01	57.54	4.16	60.91	4.31	63.34	4.36	67.64	4.44	71.00	4.53
	65	54.14	4.07	57.50	4.21	60.86	4.37	63.29	4.42	67.59	4.50	70.95	4.59
	70	54.10	4.12	57.46	4.27	60.82	4.42	63.24	4.47	67.53	4.56	70.89	4.65
	75	52.79	4.34	56.15	4.50	59.50	4.66	61.92	4.71	66.20	4.80	69.55	4.90
	80	51.49	4.56	54.84	4.73	58.18	4.90	60.59	4.96	64.86	5.05	68.21	5.15
	85	50.20	4.78	53.54	4.96	56.87	5.14	59.28	5.20	63.54	5.29	66.88	5.40
	90	48.91	5.00	52.24	5.19	55.56	5.38	57.97	5.44	62.22	5.54	65.54	5.65
	95	47.51	5.23	50.82	5.42	54.13	5.62	**55.65**	**5.68**	60.75	5.79	64.06	5.90
	100	46.35	5.45	49.66	5.65	52.97	5.85	54.93	5.92	59.59	6.03	62.90	6.15
	105	45.20	5.67	48.51	5.88	51.82	6.09	54.21	6.16	58.44	6.28	61.75	6.40
	110	44.04	5.89	47.35	6.11	50.66	6.33	53.05	6.40	57.28	6.52	60.59	6.66
	115	42.88	6.11	46.19	6.34	49.50	6.57	51.89	6.65	56.12	6.77	59.43	6.91
	118	42.19	6.25	45.50	6.48	48.81	6.71	51.20	6.79	55.43	6.92	58.74	7.06
	122	41.96	6.43	45.27	6.66	48.58	6.90	50.97	6.98	55.20	7.11	58.51	7.26
Non-Ducted Indoor Units 70 (130%)	14	54.06	3.50	57.42	3.63	60.78	3.76	63.20	3.80	67.49	3.87	70.85	3.95
	20	54.02	3.55	57.38	3.68	60.73	3.81	63.16	3.86	67.44	3.93	70.80	4.01
	25	53.98	3.60	57.33	3.73	60.69	3.87	63.11	3.91	67.39	3.98	70.74	4.06
	30	53.94	3.65	57.29	3.78	60.64	3.92	63.06	3.97	67.34	4.04	70.69	4.12
	35	53.90	3.70	57.25	3.83	60.59	3.97	63.01	4.02	67.29	4.10	70.64	4.18
	40	53.86	3.75	57.20	3.89	60.55	4.03	62.96	4.07	67.24	4.15	70.58	4.23
	45	53.82	3.80	57.16	3.94	60.50	4.08	62.91	4.13	67.18	4.21	70.53	4.29
	50	53.77	3.85	57.11	3.99	60.45	4.14	62.87	4.18	67.13	4.26	70.47	4.35
	55	53.73	3.90	57.07	4.04	60.41	4.19	62.82	4.24	67.08	4.32	70.42	4.40
	60	53.69	3.95	57.03	4.09	60.36	4.24	62.77	4.29	67.03	4.37	70.36	4.46
	65	53.65	4.00	56.98	4.15	60.31	4.30	62.72	4.35	66.98	4.43	70.31	4.52
	70	53.61	4.05	56.94	4.20	60.27	4.35	62.67	4.40	66.93	4.48	70.26	4.58
	75	52.32	4.27	55.64	4.43	58.96	4.59	61.36	4.64	65.60	4.73	68.93	4.82
	80	51.03	4.49	54.34	4.65	57.66	4.82	60.05	4.88	64.28	4.97	67.59	5.07
	85	49.75	4.71	53.06	4.88	56.36	5.06	58.75	5.11	62.97	5.21	66.28	5.32
	90	48.47	4.93	51.77	5.11	55.07	5.29	57.45	5.35	61.66	5.45	64.96	5.56
	95	47.08	5.14	50.36	5.33	53.65	5.53	**55.15**	**5.59**	60.21	5.69	63.49	5.81
	100	45.94	5.36	49.22	5.56	52.50	5.76	54.44	5.83	59.06	5.94	62.34	6.06
	105	44.79	5.58	48.07	5.78	51.35	6.00	53.72	6.07	57.91	6.18	61.19	6.30
	110	43.64	5.80	46.93	6.01	50.21	6.23	52.57	6.30	56.77	6.42	60.05	6.55
	115	42.50	6.02	45.78	6.24	49.06	6.47	51.43	6.54	55.62	6.66	58.90	6.80
	118	41.81	6.15	45.09	6.37	48.37	6.61	50.74	6.68	54.93	6.81	58.21	6.94
	122	41.58	6.32	44.86	6.55	48.14	6.79	50.51	6.87	54.70	7.00	57.98	7.14

TC = Total Capacity (kBtu/h).

PI = Power Input (kW).

Nominal capacity as rated: 0 ft. above sea level with Piping Length as Main Pipe (16.4 ft.) + Branch pipe (98.4 ft.) = 115 ft.
0 ft. level difference between outdoor and indoor units.

Nominal cooling capacity rating obtained with air entering the indoor unit at 80ºF dry bulb (DB) and 67ºF wet bulb (WB), and outdoor ambient conditions of 95ºF dry bulb (DB) and 75ºF wet bulb (WB).

The shaded table columns and rows indicate reference data. When operating at this temperature, these values can be different if the system is not running consistently.

Due to our policy of continuous product innovation, some specifications may change without notification.
©LG Electronics U.S.A., Inc., Englewood Cliffs, NJ. All rights reserved. "LG" is a registered trademark of LG Corp.

Table 124: LMU540HV Cooling Capacity Table — Non-Ducted Indoor Units (continued).

Combination Capacity Index (kBtu/h[%])	Outdoor Air Temp. (°F DB)	Indoor Air Temp. °F DB / °F WB											
		68 / 57		73 / 61		77 / 64		80 / 67		86 / 72		90 / 75	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
Non-Ducted Indoor Units 65 (120%)	14	53.25	3.40	56.56	3.53	59.86	3.66	62.25	3.70	66.48	3.77	69.79	3.84
	20	53.21	3.45	56.51	3.58	59.82	3.71	62.20	3.75	66.43	3.82	69.73	3.90
	25	53.17	3.50	56.47	3.63	59.77	3.76	62.16	3.81	66.38	3.88	69.68	3.96
	30	53.13	3.55	56.43	3.68	59.73	3.82	62.11	3.86	66.33	3.93	69.63	4.01
	35	53.09	3.60	56.38	3.73	59.68	3.87	62.06	3.91	66.28	3.99	69.57	4.07
	40	53.05	3.65	56.34	3.78	59.64	3.92	62.01	3.97	66.22	4.04	69.52	4.12
	45	53.01	3.70	56.30	3.83	59.59	3.97	61.97	4.02	66.17	4.09	69.47	4.18
	50	52.97	3.75	56.25	3.88	59.54	4.03	61.92	4.07	66.12	4.15	69.41	4.23
	55	52.92	3.80	56.21	3.93	59.50	4.08	61.87	4.12	66.07	4.20	69.36	4.29
	60	52.88	3.84	56.17	3.98	59.45	4.13	61.82	4.18	66.02	4.26	69.31	4.34
	65	52.84	3.89	56.13	4.04	59.41	4.18	61.78	4.23	65.97	4.31	69.25	4.40
	70	52.80	3.94	56.08	4.09	59.36	4.24	61.73	4.28	65.92	4.36	69.20	4.45
	75	51.53	4.16	54.80	4.31	58.07	4.46	60.44	4.52	64.62	4.60	67.89	4.69
	80	50.26	4.37	53.52	4.53	56.79	4.69	59.14	4.75	63.31	4.84	66.58	4.93
	85	49.00	4.58	52.26	4.75	55.51	4.92	57.86	4.98	62.02	5.07	65.28	5.17
	90	47.74	4.79	50.99	4.97	54.24	5.15	56.58	5.21	60.73	5.31	63.98	5.41
	95	46.38	5.01	49.61	5.19	52.84	5.38	**54.32**	**5.44**	59.30	5.54	62.53	5.65
	100	45.25	5.22	48.48	5.41	51.71	5.61	53.62	5.67	58.17	5.78	61.40	5.89
	105	44.12	5.43	47.35	5.63	50.58	5.84	52.91	5.90	57.04	6.01	60.27	6.13
	110	42.99	5.64	46.22	5.85	49.45	6.06	51.78	6.13	55.91	6.25	59.14	6.37
	115	41.86	5.86	45.09	6.07	48.32	6.29	50.65	6.36	54.78	6.48	58.01	6.61
	118	41.18	5.98	44.41	6.20	47.64	6.43	49.98	6.50	54.10	6.63	57.34	6.76
	122	40.96	6.15	44.19	6.38	47.42	6.61	49.75	6.69	53.88	6.81	57.11	6.95
Non-Ducted Indoor Units 59 (110%)	14	52.28	3.29	55.53	3.41	58.77	3.53	61.12	3.57	65.27	3.64	68.51	3.71
	20	52.24	3.33	55.48	3.45	58.73	3.58	61.07	3.62	65.22	3.69	68.46	3.76
	25	52.20	3.38	55.44	3.50	58.68	3.63	61.02	3.67	65.17	3.74	68.41	3.82
	30	52.16	3.43	55.40	3.55	58.64	3.68	60.98	3.72	65.12	3.79	68.36	3.87
	35	52.12	3.47	55.36	3.60	58.59	3.73	60.93	3.78	65.07	3.85	68.30	3.92
	40	52.08	3.52	55.31	3.65	58.55	3.78	60.88	3.83	65.02	3.90	68.25	3.98
	45	52.04	3.57	55.27	3.70	58.50	3.83	60.84	3.88	64.97	3.95	68.20	4.03
	50	52.00	3.62	55.23	3.75	58.46	3.88	60.79	3.93	64.92	4.00	68.15	4.08
	55	51.96	3.66	55.19	3.80	58.41	3.94	60.74	3.98	64.87	4.06	68.10	4.14
	60	51.92	3.71	55.14	3.85	58.37	3.99	60.70	4.03	64.82	4.11	68.04	4.19
	65	51.88	3.76	55.10	3.89	58.32	4.04	60.65	4.08	64.77	4.16	67.99	4.24
	70	51.84	3.80	55.06	3.94	58.28	4.09	60.60	4.13	64.72	4.21	67.94	4.30
	75	50.59	4.01	53.80	4.16	57.02	4.31	59.34	4.36	63.44	4.44	66.65	4.53
	80	49.35	4.22	52.55	4.37	55.75	4.53	58.07	4.58	62.16	4.67	65.36	4.76
	85	48.11	4.42	51.30	4.58	54.50	4.75	56.81	4.80	60.89	4.89	64.09	4.99
	90	46.87	4.63	50.06	4.79	53.25	4.97	55.55	5.03	59.62	5.12	62.81	5.22
	95	45.53	4.83	48.70	5.01	51.87	5.19	**53.33**	**5.25**	58.22	5.35	61.39	5.46
	100	44.42	5.04	47.59	5.22	50.77	5.41	52.64	5.47	57.11	5.58	60.28	5.69
	105	43.31	5.24	46.49	5.43	49.66	5.63	51.95	5.70	56.00	5.80	59.17	5.92
	110	42.20	5.45	45.38	5.65	48.55	5.85	50.84	5.92	54.89	6.03	58.06	6.15
	115	41.10	5.65	44.27	5.86	47.44	6.07	49.73	6.14	53.78	6.26	56.96	6.38
	118	40.43	5.78	43.60	5.99	46.77	6.20	49.07	6.28	53.12	6.39	56.29	6.52
	122	40.21	5.94	43.38	6.16	46.55	6.38	48.84	6.45	52.90	6.58	56.07	6.71

TC = Total Capacity (kBtu/h).

PI = Power Input (kW).

Nominal capacity as rated: 0 ft. above sea level with Piping Length as Main Pipe (16.4 ft.) + Branch pipe (98.4 ft.) = 115 ft.
0 ft. level difference between outdoor and indoor units.

Nominal cooling capacity rating obtained with air entering the indoor unit at 80ºF dry bulb (DB) and 67ºF wet bulb (WB), and outdoor ambient conditions of 95ºF dry bulb (DB) and 75ºF wet bulb (WB).

The shaded table columns and rows indicate reference data. When operating at this temperature, these values can be different if the system is not running consistently.

Due to our policy of continuous product innovation, some specifications may change without notification.
©LG Electronics U.S.A., Inc., Englewood Cliffs, NJ. All rights reserved. "LG" is a registered trademark of LG Corp.

PERFORMANCE DATA

Cooling Capacity Tables

Table 125: LMU540HV Cooling Capacity Table — Non-Ducted Indoor Units.

Combination Capacity Index (kBtu/h[%])	Outdoor Air Temp. (°F DB)	Indoor Air Temp. °F DB / °F WB											
		68 / 57		73 / 61		77 / 64		80 / 67		86 / 72		90 / 75	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
Non-Ducted Indoor Units 54 (100%)	14	51.47	3.19	54.66	3.31	57.86	3.43	60.17	3.47	64.25	3.53	67.45	3.60
	20	51.43	3.24	54.62	3.36	57.81	3.48	60.12	3.52	64.20	3.58	67.40	3.66
	25	51.39	3.28	54.58	3.40	57.77	3.53	60.07	3.57	64.15	3.63	67.34	3.71
	30	51.35	3.33	54.54	3.45	57.73	3.58	60.03	3.62	64.10	3.69	67.29	3.76
	35	51.31	3.38	54.50	3.50	57.68	3.63	59.98	3.67	64.05	3.74	67.24	3.81
	40	51.27	3.42	54.45	3.55	57.64	3.68	59.94	3.72	64.01	3.79	67.19	3.86
	45	51.23	3.47	54.41	3.59	57.59	3.72	59.89	3.77	63.96	3.84	67.14	3.92
	50	51.19	3.51	54.37	3.64	57.55	3.77	59.85	3.82	63.91	3.89	67.09	3.97
	55	51.15	3.56	54.33	3.69	57.51	3.82	59.80	3.87	63.86	3.94	67.04	4.02
	60	51.11	3.60	54.29	3.74	57.46	3.87	59.75	3.92	63.81	3.99	66.98	4.07
	65	51.07	3.65	54.24	3.78	57.42	3.92	59.71	3.97	63.76	4.04	66.93	4.12
	70	51.03	3.70	54.20	3.83	57.37	3.97	59.66	4.02	63.71	4.09	66.88	4.17
	75	49.81	3.90	52.97	4.04	56.13	4.19	58.41	4.23	62.45	4.31	65.61	4.40
	80	48.58	4.09	51.73	4.24	54.89	4.40	57.16	4.45	61.19	4.53	64.35	4.62
	85	47.36	4.29	50.51	4.45	53.65	4.61	55.92	4.67	59.94	4.75	63.09	4.85
	90	46.14	4.49	49.28	4.66	52.42	4.83	54.69	4.88	58.70	4.97	61.83	5.07
	95	44.82	4.69	47.94	4.86	51.07	5.04	**52.50**	**5.10**	57.31	5.20	60.44	5.30
	100	43.73	4.89	46.85	5.07	49.98	5.26	51.82	5.32	56.22	5.42	59.34	5.53
	105	42.64	5.09	45.76	5.28	48.88	5.47	51.14	5.53	55.13	5.64	58.25	5.75
	110	41.55	5.29	44.67	5.48	47.79	5.68	50.05	5.75	54.04	5.86	57.16	5.98
	115	40.46	5.49	43.58	5.69	46.70	5.90	48.96	5.97	52.95	6.08	56.07	6.20
	118	39.80	5.61	42.92	5.82	46.05	6.03	48.30	6.10	52.29	6.21	55.41	6.34
	122	39.58	5.77	42.71	5.98	45.83	6.20	48.08	6.27	52.07	6.39	55.20	6.52
Non-Ducted Indoor Units 49 (90%)	14	46.70	2.82	49.60	2.93	52.50	3.03	54.60	3.07	58.30	3.12	61.20	3.19
	20	46.67	2.86	49.56	2.97	52.46	3.08	54.56	3.11	58.26	3.17	61.16	3.23
	25	46.63	2.90	49.53	3.01	52.42	3.12	54.51	3.16	58.21	3.21	61.11	3.28
	30	46.59	2.94	49.49	3.05	52.38	3.16	54.47	3.20	58.17	3.26	61.06	3.32
	35	46.56	2.98	49.45	3.09	52.34	3.21	54.43	3.24	58.12	3.30	61.02	3.37
	40	46.52	3.03	49.41	3.14	52.30	3.25	54.39	3.29	58.08	3.35	60.97	3.42
	45	46.49	3.07	49.37	3.18	52.26	3.29	54.35	3.33	58.04	3.39	60.92	3.46
	50	46.45	3.11	49.34	3.22	52.22	3.34	54.31	3.38	57.99	3.44	60.88	3.51
	55	46.42	3.15	49.30	3.26	52.18	3.38	54.26	3.42	57.95	3.48	60.83	3.55
	60	46.38	3.19	49.26	3.30	52.14	3.42	54.22	3.46	57.90	3.53	60.78	3.60
	65	46.35	3.23	49.22	3.35	52.10	3.47	54.18	3.51	57.86	3.57	60.74	3.65
	70	46.31	3.27	49.19	3.39	52.06	3.51	54.14	3.55	57.81	3.62	60.69	3.69
	75	45.20	3.44	48.06	3.57	50.93	3.70	53.01	3.74	56.67	3.81	59.54	3.89
	80	44.08	3.62	46.94	3.75	49.80	3.89	51.87	3.94	55.53	4.01	58.39	4.09
	85	42.98	3.80	45.83	3.94	48.69	4.08	50.75	4.13	54.40	4.20	57.25	4.29
	90	41.87	3.97	44.72	4.12	47.57	4.27	49.62	4.32	53.26	4.40	56.11	4.49
	95	40.67	4.15	43.51	4.30	46.34	4.46	**47.64**	**4.51**	52.01	4.59	54.84	4.69
	100	39.68	4.33	42.52	4.48	45.35	4.65	47.02	4.70	51.02	4.79	53.85	4.89
	105	38.69	4.50	41.53	4.67	44.36	4.84	46.41	4.89	50.03	4.98	52.86	5.09
	110	37.70	4.68	40.54	4.85	43.37	5.03	45.42	5.08	49.04	5.18	51.87	5.28
	115	36.71	4.86	39.54	5.03	42.38	5.22	44.42	5.28	48.05	5.38	50.88	5.48
	118	36.12	4.96	38.95	5.14	41.78	5.33	43.83	5.39	47.45	5.49	50.28	5.60
	122	35.92	5.10	38.75	5.29	41.59	5.48	43.63	5.54	47.25	5.65	50.09	5.76

TC = Total Capacity (kBtu/h).

PI = Power Input (kW).

Nominal capacity as rated: 0 ft. above sea level with Piping Length as Main Pipe (16.4 ft.) + Branch pipe (98.4 ft.) = 115 ft.
0 ft. level difference between outdoor and indoor units.

Nominal cooling capacity rating obtained with air entering the indoor unit at 80ºF dry bulb (DB) and 67ºF wet bulb (WB), and outdoor ambient conditions of 95ºF dry bulb (DB) and 75ºF wet bulb (WB).

The shaded table columns and rows indicate reference data. When operating at this temperature, these values can be different if the system is not running consistently.

Due to our policy of continuous product innovation, some specifications may change without notification.
©LG Electronics U.S.A., Inc., Englewood Cliffs, NJ. All rights reserved. "LG" is a registered trademark of LG Corp.

Table 126: LMU540HV Cooling Capacity Table — Non-Ducted Indoor Units (continued).

Combination Capacity Index (kBtu/h[%])	Outdoor Air Temp. (°F DB)	Indoor Air Temp. °F DB / °F WB											
		68 / 57		73 / 61		77 / 64		80 / 67		86 / 72		90 / 75	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
Non-Ducted Indoor Units 43 (80%)	14	40.99	2.38	43.53	2.46	46.08	2.55	47.92	2.58	51.17	2.63	53.71	2.69
	20	40.95	2.41	43.50	2.50	46.04	2.59	47.88	2.62	51.13	2.67	53.67	2.72
	25	40.92	2.45	43.47	2.54	46.01	2.63	47.84	2.66	51.09	2.71	53.63	2.76
	30	40.89	2.48	43.43	2.57	45.97	2.66	47.81	2.70	51.05	2.75	53.59	2.80
	35	40.86	2.51	43.40	2.61	45.94	2.70	47.77	2.73	51.01	2.78	53.55	2.84
	40	40.83	2.55	43.37	2.64	45.90	2.74	47.73	2.77	50.97	2.82	53.51	2.88
	45	40.80	2.58	43.33	2.68	45.87	2.78	47.70	2.81	50.93	2.86	53.47	2.92
	50	40.77	2.62	43.30	2.71	45.83	2.81	47.66	2.84	50.89	2.90	53.43	2.96
	55	40.74	2.65	43.27	2.75	45.80	2.85	47.62	2.88	50.86	2.94	53.39	2.99
	60	40.70	2.69	43.23	2.78	45.76	2.89	47.59	2.92	50.82	2.97	53.34	3.03
	65	40.67	2.72	43.20	2.82	45.73	2.92	47.55	2.96	50.78	3.01	53.30	3.07
	70	40.64	2.75	43.17	2.85	45.69	2.96	47.51	2.99	50.74	3.05	53.26	3.11
	75	39.66	2.90	42.18	3.01	44.70	3.12	46.52	3.15	49.74	3.21	52.25	3.28
	80	38.69	3.05	41.20	3.16	43.71	3.28	45.52	3.32	48.73	3.38	51.24	3.45
	85	37.72	3.20	40.22	3.32	42.73	3.44	44.54	3.48	47.74	3.54	50.24	3.61
	90	36.75	3.35	39.25	3.47	41.75	3.60	43.55	3.64	46.74	3.71	49.24	3.78
	95	35.70	3.50	38.18	3.62	40.67	3.76	**41.81**	**3.80**	45.64	3.87	48.13	3.95
	100	34.83	3.65	37.31	3.78	39.80	3.92	41.27	3.96	44.77	4.04	47.26	4.12
	105	33.96	3.79	36.44	3.93	38.93	4.08	40.73	4.12	43.90	4.20	46.39	4.28
	110	33.09	3.94	35.57	4.09	38.06	4.24	39.86	4.28	43.03	4.36	45.52	4.45
	115	32.22	4.09	34.71	4.24	37.19	4.40	38.99	4.45	42.17	4.53	44.65	4.62
	118	31.70	4.18	34.18	4.33	36.67	4.49	38.47	4.54	41.64	4.63	44.13	4.72
	122	31.52	4.30	34.01	4.46	36.50	4.62	38.29	4.67	41.47	4.76	43.96	4.86
Non-Ducted Indoor Units 38 (70%)	14	36.21	2.01	38.46	2.08	40.71	2.16	42.33	2.18	45.21	2.22	47.46	2.27
	20	36.18	2.04	38.43	2.11	40.68	2.19	42.30	2.21	45.17	2.26	47.42	2.30
	25	36.16	2.07	38.40	2.14	40.65	2.22	42.27	2.25	45.14	2.29	47.38	2.33
	30	36.13	2.10	38.37	2.17	40.62	2.25	42.24	2.28	45.10	2.32	47.35	2.37
	35	36.10	2.12	38.34	2.20	40.59	2.28	42.21	2.31	45.07	2.35	47.31	2.40
	40	36.07	2.15	38.31	2.23	40.55	2.31	42.17	2.34	45.04	2.38	47.28	2.43
	45	36.05	2.18	38.29	2.26	40.52	2.34	42.14	2.37	45.00	2.42	47.24	2.46
	50	36.02	2.21	38.26	2.29	40.49	2.38	42.11	2.40	44.97	2.45	47.20	2.50
	55	35.99	2.24	38.23	2.32	40.46	2.41	42.08	2.43	44.93	2.48	47.17	2.53
	60	35.96	2.27	38.20	2.35	40.43	2.44	42.04	2.47	44.90	2.51	47.13	2.56
	65	35.94	2.30	38.17	2.38	40.40	2.47	42.01	2.50	44.86	2.54	47.09	2.59
	70	35.91	2.33	38.14	2.41	40.37	2.50	41.98	2.53	44.83	2.58	47.06	2.63
	75	35.04	2.45	37.27	2.54	39.49	2.63	41.10	2.66	43.94	2.71	46.17	2.77
	80	34.18	2.58	36.40	2.67	38.62	2.77	40.22	2.80	43.06	2.85	45.28	2.91
	85	33.32	2.70	35.54	2.80	37.75	2.90	39.35	2.94	42.18	2.99	44.39	3.05
	90	32.47	2.83	34.68	2.93	36.88	3.04	38.48	3.07	41.30	3.13	43.51	3.19
	95	31.54	2.95	33.73	3.06	35.93	3.17	**36.94**	**3.21**	40.33	3.27	42.52	3.34
	100	30.77	3.08	32.97	3.19	35.16	3.31	36.46	3.35	39.56	3.41	41.76	3.48
	105	30.00	3.20	32.20	3.32	34.40	3.44	35.98	3.48	38.79	3.55	40.99	3.62
	110	29.23	3.33	31.43	3.45	33.63	3.58	35.21	3.62	38.02	3.69	40.22	3.76
	115	28.47	3.46	30.66	3.58	32.86	3.71	34.45	3.76	37.25	3.83	39.45	3.90
	118	28.01	3.53	30.20	3.66	32.40	3.79	33.99	3.84	36.79	3.91	38.99	3.99
	122	27.85	3.63	30.05	3.76	32.25	3.90	33.83	3.95	36.64	4.02	38.84	4.10

TC = Total Capacity (kBtu/h).

PI = Power Input (kW).

Nominal capacity as rated: 0 ft. above sea level with Piping Length as Main Pipe (16.4 ft.) + Branch pipe (98.4 ft.) = 115 ft.
0 ft. level difference between outdoor and indoor units.

Nominal cooling capacity rating obtained with air entering the indoor unit at 80ºF dry bulb (DB) and 67ºF wet bulb (WB), and outdoor ambient conditions of 95ºF dry bulb (DB) and 75ºF wet bulb (WB).

The shaded table columns and rows indicate reference data. When operating at this temperature, these values can be different if the system is not running consistently.

Due to our policy of continuous product innovation, some specifications may change without notification.
©LG Electronics U.S.A., Inc., Englewood Cliffs, NJ. All rights reserved. "LG" is a registered trademark of LG Corp.

PERFORMANCE DATA

Cooling Capacity Tables

Table 127: LMU540HV Cooling Capacity Table — Non-Ducted Indoor Units (continued).

Combination Capacity Index (kBtu/h[%])	Outdoor Air Temp. (°F DB)	Indoor Air Temp. °F DB / °F WB											
		68 / 57		73 / 61		77 / 64		80 / 67		86 / 72		90 / 75	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
Non-Ducted Indoor Units 32 (60%)	14	30.50	1.56	32.39	1.62	34.29	1.68	35.65	1.70	38.07	1.73	39.97	1.77
	20	30.47	1.59	32.37	1.64	34.26	1.70	35.63	1.72	38.04	1.76	39.94	1.79
	25	30.45	1.61	32.34	1.67	34.23	1.73	35.60	1.75	38.01	1.78	39.91	1.82
	30	30.43	1.63	32.32	1.69	34.21	1.75	35.57	1.77	37.99	1.81	39.88	1.84
	35	30.40	1.65	32.29	1.71	34.18	1.78	35.54	1.80	37.96	1.83	39.85	1.87
	40	30.38	1.68	32.27	1.74	34.15	1.80	35.52	1.82	37.93	1.86	39.81	1.89
	45	30.36	1.70	32.24	1.76	34.13	1.83	35.49	1.85	37.90	1.88	39.78	1.92
	50	30.33	1.72	32.22	1.78	34.10	1.85	35.46	1.87	37.87	1.91	39.75	1.94
	55	30.31	1.74	32.19	1.81	34.08	1.87	35.44	1.90	37.84	1.93	39.72	1.97
	60	30.29	1.77	32.17	1.83	34.05	1.90	35.41	1.92	37.81	1.96	39.69	2.00
	65	30.26	1.79	32.14	1.85	34.02	1.92	35.38	1.94	37.78	1.98	39.66	2.02
	70	30.24	1.81	32.12	1.88	34.00	1.95	35.35	1.97	37.75	2.01	39.63	2.05
	75	29.51	1.91	31.39	1.98	33.26	2.05	34.61	2.08	37.01	2.11	38.88	2.16
	80	28.79	2.01	30.65	2.08	32.52	2.16	33.87	2.18	36.26	2.22	38.13	2.27
	85	28.06	2.10	29.93	2.18	31.79	2.26	33.14	2.29	35.52	2.33	37.39	2.38
	90	27.34	2.20	29.20	2.28	31.06	2.37	32.41	2.39	34.78	2.44	36.64	2.49
	95	26.56	2.30	28.41	2.38	30.26	2.47	**31.11**	**2.50**	33.96	2.55	35.81	2.60
	100	25.91	2.40	27.76	2.49	29.61	2.58	30.71	2.61	33.32	2.66	35.17	2.71
	105	25.27	2.50	27.12	2.59	28.97	2.68	30.30	2.71	32.67	2.76	34.52	2.82
	110	24.62	2.59	26.47	2.69	28.32	2.79	29.66	2.82	32.02	2.87	33.87	2.93
	115	23.97	2.69	25.82	2.79	27.67	2.89	29.01	2.92	31.37	2.98	33.23	3.04
	118	23.59	2.75	25.44	2.85	27.29	2.95	28.62	2.99	30.99	3.04	32.84	3.11
	122	23.46	2.83	25.31	2.93	27.16	3.04	28.49	3.07	30.86	3.13	32.71	3.19
Non-Ducted Indoor Units 27 (50%)	14	25.73	1.20	27.33	1.24	28.93	1.28	30.08	1.30	32.13	1.32	33.72	1.35
	20	25.71	1.21	27.31	1.26	28.91	1.30	30.06	1.32	32.10	1.34	33.70	1.37
	25	25.69	1.23	27.29	1.27	28.88	1.32	30.04	1.34	32.08	1.36	33.67	1.39
	30	25.67	1.25	27.27	1.29	28.86	1.34	30.01	1.35	32.05	1.38	33.65	1.41
	35	25.65	1.26	27.25	1.31	28.84	1.36	29.99	1.37	32.03	1.40	33.62	1.43
	40	25.63	1.28	27.23	1.33	28.82	1.38	29.97	1.39	32.00	1.42	33.59	1.45
	45	25.62	1.30	27.21	1.35	28.80	1.39	29.95	1.41	31.98	1.44	33.57	1.47
	50	25.60	1.32	27.19	1.36	28.77	1.41	29.92	1.43	31.95	1.46	33.54	1.49
	55	25.58	1.33	27.16	1.38	28.75	1.43	29.90	1.45	31.93	1.48	33.52	1.51
	60	25.56	1.35	27.14	1.40	28.73	1.45	29.88	1.47	31.90	1.49	33.49	1.52
	65	25.54	1.37	27.12	1.42	28.71	1.47	29.85	1.49	31.88	1.51	33.47	1.54
	70	25.52	1.38	27.10	1.43	28.69	1.49	29.83	1.50	31.86	1.53	33.44	1.56
	75	24.90	1.46	26.48	1.51	28.06	1.57	29.21	1.59	31.23	1.62	32.81	1.65
	80	24.29	1.53	25.87	1.59	27.44	1.65	28.58	1.67	30.60	1.70	32.17	1.73
	85	23.68	1.61	25.25	1.67	26.83	1.73	27.96	1.75	29.97	1.78	31.55	1.82
	90	23.07	1.68	24.64	1.74	26.21	1.81	27.34	1.83	29.35	1.86	30.92	1.90
	95	22.41	1.76	23.97	1.82	25.53	1.89	**26.25**	**1.91**	28.66	1.95	30.22	1.98
	100	21.87	1.83	23.43	1.90	24.99	1.97	25.91	1.99	28.11	2.03	29.67	2.07
	105	21.32	1.91	22.88	1.98	24.44	2.05	25.57	2.07	27.56	2.11	29.13	2.15
	110	20.77	1.98	22.34	2.05	23.90	2.13	25.02	2.15	27.02	2.19	28.58	2.24
	115	20.23	2.06	21.79	2.13	23.35	2.21	24.48	2.23	26.47	2.28	28.03	2.32
	118	19.90	2.10	21.46	2.18	23.02	2.26	24.15	2.28	26.15	2.33	27.71	2.37
	122	19.79	2.16	21.35	2.24	22.91	2.32	24.04	2.35	26.04	2.39	27.60	2.44

TC = Total Capacity (kBtu/h).

PI = Power Input (kW).

Nominal capacity as rated: 0 ft. above sea level with Piping Length as Main Pipe (16.4 ft.) + Branch pipe (98.4 ft.) = 115 ft.
0 ft. level difference between outdoor and indoor units.

Nominal cooling capacity rating obtained with air entering the indoor unit at 80°F dry bulb (DB) and 67°F wet bulb (WB), and outdoor ambient conditions of 95°F dry bulb (DB) and 75°F wet bulb (WB).

The shaded table columns and rows indicate reference data. When operating at this temperature, these values can be different if the system is not running consistently.

Due to our policy of continuous product innovation, some specifications may change without notification.
©LG Electronics U.S.A., Inc., Englewood Cliffs, NJ. All rights reserved. "LG" is a registered trademark of LG Corp.

Table 128: LMU540HV Cooling Capacity Table — Non-Ducted (continued) / Ducted Indoor Units.

Combination Capacity Index (kBtu/h[%])	Outdoor Air Temp. (°F DB)	Indoor Air Temp. °F DB / °F WB											
		68 / 57		73 / 61		77 / 64		80 / 67		86 / 72		90 / 75	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
Non-Ducted Indoor Units 24 (40%)	14	22.87	0.97	24.29	1.01	25.71	1.04	26.74	1.05	28.55	1.07	29.97	1.10
	20	22.85	0.98	24.27	1.02	25.69	1.06	26.72	1.07	28.53	1.09	29.95	1.11
	25	22.84	1.00	24.25	1.03	25.67	1.07	26.70	1.08	28.51	1.10	29.93	1.13
	30	22.82	1.01	24.24	1.05	25.65	1.09	26.68	1.10	28.49	1.12	29.90	1.14
	35	22.80	1.03	24.22	1.06	25.63	1.10	26.66	1.11	28.46	1.14	29.88	1.16
	40	22.78	1.04	24.20	1.08	25.61	1.12	26.63	1.13	28.44	1.15	29.86	1.17
	45	22.77	1.05	24.18	1.09	25.59	1.13	26.61	1.14	28.42	1.17	29.83	1.19
	50	22.75	1.07	24.16	1.11	25.57	1.15	26.59	1.16	28.40	1.18	29.81	1.21
	55	22.73	1.08	24.14	1.12	25.55	1.16	26.57	1.18	28.38	1.20	29.79	1.22
	60	22.71	1.10	24.12	1.14	25.53	1.18	26.55	1.19	28.36	1.21	29.77	1.24
	65	22.70	1.11	24.11	1.15	25.51	1.19	26.53	1.21	28.33	1.23	29.74	1.25
	70	22.68	1.12	24.09	1.16	25.50	1.21	26.51	1.22	28.31	1.24	29.72	1.27
	75	22.13	1.18	23.54	1.23	24.94	1.27	25.96	1.29	27.75	1.31	29.16	1.34
	80	21.59	1.24	22.99	1.29	24.39	1.34	25.40	1.35	27.19	1.38	28.59	1.41
	85	21.05	1.31	22.44	1.35	23.84	1.40	24.85	1.42	26.64	1.44	28.04	1.47
	90	20.51	1.37	21.90	1.42	23.29	1.47	24.30	1.48	26.08	1.51	27.48	1.54
	95	19.92	1.43	21.31	1.48	22.69	1.53	**23.33**	**1.55**	25.47	1.58	26.86	1.61
	100	19.43	1.49	20.82	1.54	22.21	1.60	23.03	1.62	24.98	1.65	26.37	1.68
	105	18.95	1.55	20.34	1.60	21.72	1.66	22.73	1.68	24.50	1.71	25.89	1.75
	110	18.46	1.61	19.85	1.67	21.24	1.73	22.24	1.75	24.01	1.78	25.40	1.82
	115	17.98	1.67	19.37	1.73	20.75	1.79	21.76	1.81	23.53	1.85	24.92	1.88
	118	17.69	1.71	19.07	1.77	20.46	1.83	21.46	1.85	23.24	1.89	24.63	1.93
	122	17.59	1.75	18.98	1.82	20.37	1.88	21.37	1.91	23.14	1.94	24.53	1.98
Ducted Indoor Units 73 (135%)	14	52.99	3.55	56.29	3.68	59.58	3.82	61.95	3.86	66.16	3.94	69.45	4.01
	20	52.95	3.61	56.24	3.74	59.53	3.87	61.91	3.92	66.11	3.99	69.40	4.07
	25	52.91	3.66	56.20	3.79	59.49	3.93	61.86	3.97	66.06	4.05	69.35	4.13
	30	52.87	3.71	56.16	3.84	59.44	3.98	61.81	4.03	66.01	4.10	69.29	4.19
	35	52.83	3.76	56.11	3.90	59.40	4.04	61.77	4.08	65.96	4.16	69.24	4.25
	40	52.79	3.81	56.07	3.95	59.35	4.09	61.72	4.14	65.91	4.22	69.19	4.30
	45	52.75	3.86	56.03	4.00	59.30	4.15	61.67	4.20	65.86	4.27	69.13	4.36
	50	52.71	3.91	55.99	4.05	59.26	4.20	61.62	4.25	65.81	4.33	69.08	4.42
	55	52.67	3.96	55.94	4.11	59.21	4.26	61.58	4.31	65.76	4.39	69.03	4.48
	60	52.63	4.01	55.90	4.16	59.17	4.31	61.53	4.36	65.71	4.44	68.97	4.53
	65	52.59	4.07	55.86	4.21	59.12	4.37	61.48	4.42	65.66	4.50	68.92	4.59
	70	52.55	4.12	55.81	4.27	59.08	4.42	61.43	4.47	65.60	4.56	68.87	4.65
	75	51.29	4.34	54.54	4.50	57.80	4.66	60.15	4.71	64.31	4.80	67.56	4.90
	80	50.02	4.56	53.27	4.73	56.52	4.90	58.86	4.96	63.01	5.05	66.26	5.15
	85	48.77	4.78	52.01	4.96	55.25	5.14	57.59	5.20	61.73	5.29	64.97	5.40
	90	47.51	5.00	50.75	5.19	53.98	5.38	56.31	5.44	60.44	5.54	63.67	5.65
	95	46.15	5.23	49.37	5.42	52.58	5.62	**54.06**	**5.68**	59.02	5.79	62.23	5.90
	100	45.03	5.45	48.25	5.65	51.46	5.85	53.36	5.92	57.89	6.03	61.11	6.15
	105	43.91	5.67	47.12	5.88	50.34	6.09	52.66	6.16	56.77	6.28	59.98	6.40
	110	42.78	5.89	46.00	6.11	49.21	6.33	51.54	6.40	55.64	6.52	58.86	6.66
	115	41.66	6.11	44.87	6.34	48.09	6.57	50.41	6.65	54.52	6.77	57.74	6.91
	118	40.98	6.25	44.20	6.48	47.41	6.71	49.74	6.79	53.85	6.92	57.06	7.06
	122	40.76	6.43	43.97	6.66	47.19	6.90	49.51	6.98	53.62	7.11	56.84	7.26

TC = Total Capacity (kBtu/h).

PI = Power Input (kW).

Nominal capacity as rated: 0 ft. above sea level with Piping Length as Main Pipe (16.4 ft.) + Branch pipe (98.4 ft.) = 115 ft.
0 ft. level difference between outdoor and indoor units.

Nominal cooling capacity rating obtained with air entering the indoor unit at 80ºF dry bulb (DB) and 67ºF wet bulb (WB), and outdoor ambient conditions of 95ºF dry bulb (DB) and 75ºF wet bulb (WB).

The shaded table columns and rows indicate reference data. When operating at this temperature, these values can be different if the system is not running consistently.

Due to our policy of continuous product innovation, some specifications may change without notification.
©LG Electronics U.S.A., Inc., Englewood Cliffs, NJ. All rights reserved. "LG" is a registered trademark of LG Corp.

PERFORMANCE DATA

Cooling Capacity Tables

Table 129: LMU540HV Cooling Capacity Table — Ducted Indoor Units (continued).

Combination Capacity Index (kBtu/h[%])	Outdoor Air Temp. (°F DB)	Indoor Air Temp. °F DB / °F WB											
		68 / 57		73 / 61		77 / 64		80 / 67		86 / 72		90 / 75	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
Ducted Indoor Units 70 (130%)	14	52.52	3.50	55.79	3.63	59.05	3.76	61.40	3.80	65.57	3.87	68.83	3.95
	20	52.48	3.55	55.74	3.68	59.00	3.81	61.36	3.86	65.52	3.93	68.78	4.01
	25	52.44	3.60	55.70	3.73	58.96	3.87	61.31	3.91	65.47	3.98	68.73	4.06
	30	52.40	3.65	55.66	3.78	58.91	3.92	61.26	3.97	65.42	4.04	68.68	4.12
	35	52.36	3.70	55.62	3.83	58.87	3.97	61.22	4.02	65.37	4.10	68.62	4.18
	40	52.32	3.75	55.57	3.89	58.82	4.03	61.17	4.07	65.32	4.15	68.57	4.23
	45	52.28	3.80	55.53	3.94	58.78	4.08	61.12	4.13	65.27	4.21	68.52	4.29
	50	52.24	3.85	55.49	3.99	58.73	4.14	61.08	4.18	65.22	4.26	68.47	4.35
	55	52.20	3.90	55.45	4.04	58.69	4.19	61.03	4.24	65.17	4.32	68.41	4.40
	60	52.16	3.95	55.40	4.09	58.64	4.24	60.98	4.29	65.12	4.37	68.36	4.46
	65	52.12	4.00	55.36	4.15	58.60	4.30	60.94	4.35	65.07	4.43	68.31	4.52
	70	52.08	4.05	55.32	4.20	58.55	4.35	60.89	4.40	65.02	4.48	68.26	4.58
	75	50.83	4.27	54.06	4.43	57.28	4.59	59.61	4.64	63.74	4.73	66.96	4.82
	80	49.58	4.49	52.80	4.65	56.01	4.82	58.34	4.88	62.45	4.97	65.67	5.07
	85	48.33	4.71	51.55	4.88	54.76	5.06	57.08	5.11	61.18	5.21	64.39	5.32
	90	47.09	4.93	50.30	5.11	53.50	5.29	55.81	5.35	59.90	5.45	63.11	5.56
	95	45.74	5.14	48.93	5.33	52.12	5.53	**53.58**	**5.59**	58.49	5.69	61.68	5.81
	100	44.63	5.36	47.82	5.56	51.00	5.76	52.89	5.83	57.38	5.94	60.56	6.06
	105	43.52	5.58	46.70	5.78	49.89	6.00	52.19	6.07	56.26	6.18	59.45	6.30
	110	42.40	5.80	45.59	6.01	48.78	6.23	51.08	6.30	55.15	6.42	58.34	6.55
	115	41.29	6.02	44.48	6.24	47.66	6.47	49.96	6.54	54.04	6.66	57.22	6.80
	118	40.62	6.15	43.81	6.37	46.99	6.61	49.30	6.68	53.37	6.81	56.55	6.94
	122	40.40	6.32	43.58	6.55	46.77	6.79	49.07	6.87	53.14	7.00	56.33	7.14
Ducted Indoor Units 65 (120%)	14	51.73	3.40	54.94	3.53	58.16	3.66	60.48	3.70	64.58	3.77	67.79	3.84
	20	51.69	3.45	54.90	3.58	58.11	3.71	60.43	3.75	64.53	3.82	67.74	3.90
	25	51.65	3.50	54.86	3.63	58.07	3.76	60.38	3.81	64.48	3.88	67.69	3.96
	30	51.61	3.55	54.82	3.68	58.02	3.82	60.34	3.86	64.43	3.93	67.64	4.01
	35	51.57	3.60	54.78	3.73	57.98	3.87	60.29	3.91	64.38	3.99	67.59	4.07
	40	51.53	3.65	54.73	3.78	57.93	3.92	60.25	3.97	64.33	4.04	67.54	4.12
	45	51.49	3.70	54.69	3.83	57.89	3.97	60.20	4.02	64.29	4.09	67.48	4.18
	50	51.45	3.75	54.65	3.88	57.85	4.03	60.15	4.07	64.24	4.15	67.43	4.23
	55	51.41	3.80	54.61	3.93	57.80	4.08	60.11	4.12	64.19	4.20	67.38	4.29
	60	51.38	3.84	54.57	3.98	57.76	4.13	60.06	4.18	64.14	4.26	67.33	4.34
	65	51.34	3.89	54.52	4.04	57.71	4.18	60.01	4.23	64.09	4.31	67.28	4.40
	70	51.30	3.94	54.48	4.09	57.67	4.24	59.97	4.28	64.04	4.36	67.22	4.45
	75	50.06	4.16	53.24	4.31	56.42	4.46	58.71	4.52	62.77	4.60	65.95	4.69
	80	48.83	4.37	52.00	4.53	55.17	4.69	57.46	4.75	61.51	4.84	64.68	4.93
	85	47.60	4.58	50.77	4.75	53.93	4.92	56.21	4.98	60.25	5.07	63.41	5.17
	90	46.38	4.79	49.53	4.97	52.69	5.15	54.97	5.21	59.00	5.31	62.15	5.41
	95	45.05	5.01	48.19	5.19	51.33	5.38	**52.77**	**5.44**	57.61	5.54	60.75	5.65
	100	43.96	5.22	47.09	5.41	50.23	5.61	52.09	5.67	56.51	5.78	59.65	5.89
	105	42.86	5.43	46.00	5.63	49.14	5.84	51.40	5.90	55.41	6.01	58.55	6.13
	110	41.76	5.64	44.90	5.85	48.04	6.06	50.31	6.13	54.32	6.25	57.45	6.37
	115	40.66	5.86	43.80	6.07	46.94	6.29	49.21	6.36	53.22	6.48	56.36	6.61
	118	40.01	5.98	43.14	6.20	46.28	6.43	48.55	6.50	52.56	6.63	55.70	6.76
	122	39.79	6.15	42.93	6.38	46.06	6.61	48.33	6.69	52.34	6.81	55.48	6.95

TC = Total Capacity (kBtu/h).

PI = Power Input (kW).

Nominal capacity as rated: 0 ft. above sea level with Piping Length as Main Pipe (16.4 ft.) + Branch pipe (98.4 ft.) = 115 ft.
0 ft. level difference between outdoor and indoor units.

Nominal cooling capacity rating obtained with air entering the indoor unit at 80ºF dry bulb (DB) and 67ºF wet bulb (WB), and outdoor ambient conditions of 95ºF dry bulb (DB) and 75ºF wet bulb (WB).

The shaded table columns and rows indicate reference data. When operating at this temperature, these values can be different if the system is not running consistently.

Due to our policy of continuous product innovation, some specifications may change without notification.
©LG Electronics U.S.A., Inc., Englewood Cliffs, NJ. All rights reserved. "LG" is a registered trademark of LG Corp.

PERFORMANCE DATA

Cooling Capacity Tables

Table 130: LMU540HV Cooling Capacity Table — Ducted Indoor Units (continued).

Combination Capacity Index (kBtu/h[%])	Outdoor Air Temp. (°F DB)	Indoor Air Temp. °F DB / °F WB											
		68 / 57		73 / 61		77 / 64		80 / 67		86 / 72		90 / 75	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
Ducted Indoor Units 59 (110%)	14	50.79	3.29	53.94	3.41	57.10	3.53	59.38	3.57	63.41	3.64	66.56	3.71
	20	50.75	3.33	53.90	3.45	57.05	3.58	59.33	3.62	63.36	3.69	66.51	3.76
	25	50.71	3.38	53.86	3.50	57.01	3.63	59.29	3.67	63.31	3.74	66.46	3.82
	30	50.67	3.43	53.82	3.55	56.97	3.68	59.24	3.72	63.26	3.79	66.41	3.87
	35	50.63	3.47	53.78	3.60	56.92	3.73	59.19	3.78	63.21	3.85	66.36	3.92
	40	50.60	3.52	53.74	3.65	56.88	3.78	59.15	3.83	63.16	3.90	66.31	3.98
	45	50.56	3.57	53.70	3.70	56.84	3.83	59.10	3.88	63.12	3.95	66.26	4.03
	50	50.52	3.62	53.66	3.75	56.79	3.88	59.06	3.93	63.07	4.00	66.21	4.08
	55	50.48	3.66	53.61	3.80	56.75	3.94	59.01	3.98	63.02	4.06	66.15	4.14
	60	50.44	3.71	53.57	3.85	56.71	3.99	58.97	4.03	62.97	4.11	66.10	4.19
	65	50.40	3.76	53.53	3.89	56.66	4.04	58.92	4.08	62.92	4.16	66.05	4.24
	70	50.36	3.80	53.49	3.94	56.62	4.09	58.88	4.13	62.87	4.21	66.00	4.30
	75	49.15	4.01	52.27	4.16	55.39	4.31	57.64	4.36	61.63	4.44	64.75	4.53
	80	47.94	4.22	51.05	4.37	54.16	4.53	56.41	4.58	60.39	4.67	63.50	4.76
	85	46.74	4.42	49.84	4.58	52.95	4.75	55.19	4.80	59.16	4.89	62.26	4.99
	90	45.54	4.63	48.63	4.79	51.73	4.97	53.97	5.03	57.92	5.12	61.02	5.22
	95	44.23	4.83	47.31	5.01	50.40	5.19	**51.81**	**5.25**	56.56	5.35	59.64	5.46
	100	43.16	5.04	46.24	5.22	49.32	5.41	51.14	5.47	55.48	5.58	58.56	5.69
	105	42.08	5.24	45.16	5.43	48.24	5.63	50.47	5.70	54.41	5.80	57.49	5.92
	110	41.00	5.45	44.08	5.65	47.16	5.85	49.39	5.92	53.33	6.03	56.41	6.15
	115	39.92	5.65	43.01	5.86	46.09	6.07	48.31	6.14	52.25	6.26	55.33	6.38
	118	39.28	5.78	42.36	5.99	45.44	6.20	47.67	6.28	51.60	6.39	54.69	6.52
	122	39.06	5.94	42.14	6.16	45.23	6.38	47.45	6.45	51.39	6.58	54.47	6.71
Ducted Indoor Units 54 (100%)	14	50.00	3.19	53.10	3.31	56.21	3.43	58.45	3.47	62.41	3.53	65.52	3.60
	20	49.96	3.24	53.06	3.36	56.16	3.48	58.40	3.52	62.37	3.58	65.47	3.66
	25	49.92	3.28	53.02	3.40	56.12	3.53	58.36	3.57	62.32	3.63	65.42	3.71
	30	49.88	3.33	52.98	3.45	56.08	3.58	58.31	3.62	62.27	3.69	65.37	3.76
	35	49.84	3.38	52.94	3.50	56.03	3.63	58.27	3.67	62.22	3.74	65.32	3.81
	40	49.80	3.42	52.90	3.55	55.99	3.68	58.22	3.72	62.18	3.79	65.27	3.86
	45	49.77	3.47	52.86	3.59	55.95	3.72	58.18	3.77	62.13	3.84	65.22	3.92
	50	49.73	3.51	52.82	3.64	55.90	3.77	58.14	3.82	62.08	3.89	65.17	3.97
	55	49.69	3.56	52.78	3.69	55.86	3.82	58.09	3.87	62.03	3.94	65.12	4.02
	60	49.65	3.60	52.74	3.74	55.82	3.87	58.05	3.92	61.99	3.99	65.07	4.07
	65	49.61	3.65	52.70	3.78	55.78	3.92	58.00	3.97	61.94	4.04	65.02	4.12
	70	49.58	3.70	52.65	3.83	55.73	3.97	57.96	4.02	61.89	4.09	64.97	4.17
	75	48.38	3.90	51.45	4.04	54.53	4.19	56.74	4.23	60.67	4.31	63.74	4.40
	80	47.19	4.09	50.25	4.24	53.32	4.40	55.53	4.45	59.44	4.53	62.51	4.62
	85	46.01	4.29	49.06	4.45	52.12	4.61	54.33	4.67	58.23	4.75	61.29	4.85
	90	44.82	4.49	47.87	4.66	50.92	4.83	53.12	4.88	57.02	4.97	60.07	5.07
	95	43.54	4.69	46.57	4.86	49.61	5.04	**51.00**	**5.10**	55.68	5.20	58.71	5.30
	100	42.48	4.89	45.51	5.07	48.55	5.26	50.34	5.32	54.61	5.42	57.65	5.53
	105	41.42	5.09	44.45	5.28	47.49	5.47	49.68	5.53	53.55	5.64	56.59	5.75
	110	40.36	5.29	43.39	5.48	46.43	5.68	48.62	5.75	52.49	5.86	55.53	5.98
	115	39.30	5.49	42.33	5.69	45.37	5.90	47.56	5.97	51.43	6.08	54.47	6.20
	118	38.66	5.61	41.70	5.82	44.73	6.03	46.92	6.10	50.80	6.21	53.83	6.34
	122	38.45	5.77	41.49	5.98	44.52	6.20	46.71	6.27	50.59	6.39	53.62	6.52

TC = Total Capacity (kBtu/h).

PI = Power Input (kW).

Nominal capacity as rated: 0 ft. above sea level with Piping Length as Main Pipe (16.4 ft.) + Branch pipe (98.4 ft.) = 115 ft.
0 ft. level difference between outdoor and indoor units.

Nominal cooling capacity rating obtained with air entering the indoor unit at 80°F dry bulb (DB) and 67°F wet bulb (WB), and outdoor ambient conditions of 95°F dry bulb (DB) and 75°F wet bulb (WB).

The shaded table columns and rows indicate reference data. When operating at this temperature, these values can be different if the system is not running consistently.

Due to our policy of continuous product innovation, some specifications may change without notification.
©LG Electronics U.S.A., Inc., Englewood Cliffs, NJ. All rights reserved. "LG" is a registered trademark of LG Corp.

PERFORMANCE DATA

Cooling Capacity Tables

Table 131: LMU540HV Cooling Capacity Table — Ducted Indoor Units (continued).

Combination Capacity Index (kBtu/h[%])	Outdoor Air Temp. (°F DB)	Indoor Air Temp. °F DB / °F WB											
		68 / 57		73 / 61		77 / 64		80 / 67		86 / 72		90 / 75	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
Ducted Indoor Units 49 (90%)	14	45.37	2.82	48.19	2.93	51.00	3.03	53.04	3.07	56.64	3.12	59.46	3.19
	20	45.33	2.86	48.15	2.97	50.96	3.08	53.00	3.11	56.60	3.17	59.41	3.23
	25	45.30	2.90	48.11	3.01	50.93	3.12	52.96	3.16	56.55	3.21	59.37	3.28
	30	45.26	2.94	48.08	3.05	50.89	3.16	52.92	3.20	56.51	3.26	59.32	3.32
	35	45.23	2.98	48.04	3.09	50.85	3.21	52.88	3.24	56.47	3.30	59.27	3.37
	40	45.20	3.03	48.00	3.14	50.81	3.25	52.84	3.29	56.42	3.35	59.23	3.42
	45	45.16	3.07	47.97	3.18	50.77	3.29	52.80	3.33	56.38	3.39	59.18	3.46
	50	45.13	3.11	47.93	3.22	50.73	3.34	52.76	3.38	56.34	3.44	59.14	3.51
	55	45.09	3.15	47.89	3.26	50.69	3.38	52.71	3.42	56.29	3.48	59.09	3.55
	60	45.06	3.19	47.85	3.30	50.65	3.42	52.67	3.46	56.25	3.53	59.05	3.60
	65	45.02	3.23	47.82	3.35	50.61	3.47	52.63	3.51	56.21	3.57	59.00	3.65
	70	44.99	3.27	47.78	3.39	50.58	3.51	52.59	3.55	56.16	3.62	58.96	3.69
	75	43.90	3.44	46.69	3.57	49.48	3.70	51.49	3.74	55.05	3.81	57.84	3.89
	80	42.82	3.62	45.60	3.75	48.38	3.89	50.39	3.94	53.94	4.01	56.72	4.09
	85	41.75	3.80	44.52	3.94	47.30	4.08	49.30	4.13	52.84	4.20	55.62	4.29
	90	40.68	3.97	43.44	4.12	46.21	4.27	48.21	4.32	51.74	4.40	54.51	4.49
	95	39.51	4.15	42.26	4.30	45.02	4.46	**46.28**	**4.51**	50.52	4.59	53.28	4.69
	100	38.55	4.33	41.30	4.48	44.05	4.65	45.68	4.70	49.56	4.79	52.31	4.89
	105	37.59	4.50	40.34	4.67	43.09	4.84	45.08	4.89	48.60	4.98	51.35	5.09
	110	36.63	4.68	39.38	4.85	42.13	5.03	44.12	5.08	47.64	5.18	50.39	5.28
	115	35.66	4.86	38.42	5.03	41.17	5.22	43.16	5.28	46.67	5.38	49.43	5.48
	118	35.09	4.96	37.84	5.14	40.59	5.33	42.58	5.39	46.10	5.49	48.85	5.60
	122	34.89	5.10	37.65	5.29	40.40	5.48	42.39	5.54	45.90	5.65	48.66	5.76
Ducted Indoor Units 43 (80%)	14	39.81	2.38	42.28	2.46	44.75	2.55	46.54	2.58	49.70	2.63	52.17	2.69
	20	39.78	2.41	42.25	2.50	44.72	2.59	46.50	2.62	49.66	2.67	52.13	2.72
	25	39.75	2.45	42.22	2.54	44.69	2.63	46.47	2.66	49.62	2.71	52.09	2.76
	30	39.72	2.48	42.19	2.57	44.65	2.66	46.43	2.70	49.59	2.75	52.05	2.80
	35	39.69	2.51	42.15	2.61	44.62	2.70	46.40	2.73	49.55	2.78	52.01	2.84
	40	39.66	2.55	42.12	2.64	44.58	2.74	46.36	2.77	49.51	2.82	51.97	2.88
	45	39.63	2.58	42.09	2.68	44.55	2.78	46.33	2.81	49.47	2.86	51.93	2.92
	50	39.60	2.62	42.06	2.71	44.52	2.81	46.29	2.84	49.43	2.90	51.89	2.96
	55	39.57	2.65	42.02	2.75	44.48	2.85	46.26	2.88	49.40	2.94	51.85	2.99
	60	39.54	2.69	41.99	2.78	44.45	2.89	46.22	2.92	49.36	2.97	51.81	3.03
	65	39.51	2.72	41.96	2.82	44.41	2.92	46.19	2.96	49.32	3.01	51.77	3.07
	70	39.48	2.75	41.93	2.85	44.38	2.96	46.15	2.99	49.28	3.05	51.73	3.11
	75	38.53	2.90	40.97	3.01	43.42	3.12	45.18	3.15	48.31	3.21	50.75	3.28
	80	37.58	3.05	40.02	3.16	42.46	3.28	44.22	3.32	47.33	3.38	49.77	3.45
	85	36.63	3.20	39.07	3.32	41.50	3.44	43.26	3.48	46.37	3.54	48.80	3.61
	90	35.69	3.35	38.12	3.47	40.55	3.60	42.30	3.64	45.40	3.71	47.83	3.78
	95	34.67	3.50	37.09	3.62	39.50	3.76	**40.61**	**3.80**	44.33	3.87	46.75	3.95
	100	33.83	3.65	36.24	3.78	38.66	3.92	40.08	3.96	43.49	4.04	45.90	4.12
	105	32.98	3.79	35.40	3.93	37.81	4.08	39.56	4.12	42.64	4.20	45.06	4.28
	110	32.14	3.94	34.55	4.09	36.97	4.24	38.71	4.28	41.80	4.36	44.22	4.45
	115	31.29	4.09	33.71	4.24	36.12	4.40	37.87	4.45	40.96	4.53	43.37	4.62
	118	30.79	4.18	33.20	4.33	35.62	4.49	37.36	4.54	40.45	4.63	42.86	4.72
	122	30.62	4.30	33.03	4.46	35.45	4.62	37.19	4.67	40.28	4.76	42.70	4.86

TC = Total Capacity (kBtu/h).

PI = Power Input (kW).

Nominal capacity as rated: 0 ft. above sea level with Piping Length as Main Pipe (16.4 ft.) + Branch pipe (98.4 ft.) = 115 ft.
0 ft. level difference between outdoor and indoor units.

Nominal cooling capacity rating obtained with air entering the indoor unit at 80ºF dry bulb (DB) and 67ºF wet bulb (WB), and outdoor ambient conditions of 95ºF dry bulb (DB) and 75ºF wet bulb (WB).

The shaded table columns and rows indicate reference data. When operating at this temperature, these values can be different if the system is not running consistently.

Due to our policy of continuous product innovation, some specifications may change without notification.
©LG Electronics U.S.A., Inc., Englewood Cliffs, NJ. All rights reserved. "LG" is a registered trademark of LG Corp.

Table 132: LMU540HV Cooling Capacity Table — Ducted Indoor Units (continued).

Combination Capacity Index (kBtu/h[%])	Outdoor Air Temp. (°F DB)	Indoor Air Temp. °F DB / °F WB											
		68 / 57		73 / 61		77 / 64		80 / 67		86 / 72		90 / 75	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
Ducted Indoor Units 38 (70%)	14	35.18	2.01	37.37	2.08	39.55	2.16	41.13	2.18	43.92	2.22	46.11	2.27
	20	35.16	2.04	37.34	2.11	39.52	2.19	41.10	2.21	43.89	2.26	46.07	2.30
	25	35.13	2.07	37.31	2.14	39.49	2.22	41.07	2.25	43.86	2.29	46.04	2.33
	30	35.10	2.10	37.28	2.17	39.46	2.25	41.04	2.28	43.82	2.32	46.00	2.37
	35	35.08	2.12	37.25	2.20	39.43	2.28	41.01	2.31	43.79	2.35	45.97	2.40
	40	35.05	2.15	37.23	2.23	39.40	2.31	40.97	2.34	43.76	2.38	45.93	2.43
	45	35.02	2.18	37.20	2.26	39.37	2.34	40.94	2.37	43.72	2.42	45.90	2.46
	50	35.00	2.21	37.17	2.29	39.34	2.38	40.91	2.40	43.69	2.45	45.86	2.50
	55	34.97	2.24	37.14	2.32	39.31	2.41	40.88	2.43	43.65	2.48	45.83	2.53
	60	34.94	2.27	37.11	2.35	39.28	2.44	40.85	2.47	43.62	2.51	45.79	2.56
	65	34.91	2.30	37.08	2.38	39.25	2.47	40.82	2.50	43.59	2.54	45.76	2.59
	70	34.89	2.33	37.05	2.41	39.22	2.50	40.79	2.53	43.55	2.58	45.72	2.63
	75	34.05	2.45	36.21	2.54	38.37	2.63	39.93	2.66	42.69	2.71	44.85	2.77
	80	33.21	2.58	35.36	2.67	37.52	2.77	39.08	2.80	41.83	2.85	43.99	2.91
	85	32.38	2.70	34.53	2.80	36.68	2.90	38.23	2.94	40.98	2.99	43.13	3.05
	90	31.54	2.83	33.69	2.93	35.84	3.04	37.38	3.07	40.13	3.13	42.27	3.19
	95	30.64	2.95	32.78	3.06	34.91	3.17	**35.89**	**3.21**	39.18	3.27	41.31	3.34
	100	29.90	3.08	32.03	3.19	34.16	3.31	35.43	3.35	38.43	3.41	40.57	3.48
	105	29.15	3.20	31.28	3.32	33.42	3.44	34.96	3.48	37.69	3.55	39.82	3.62
	110	28.40	3.33	30.54	3.45	32.67	3.58	34.21	3.62	36.94	3.69	39.08	3.76
	115	27.66	3.46	29.79	3.58	31.93	3.71	33.47	3.76	36.20	3.83	38.33	3.90
	118	27.21	3.53	29.34	3.66	31.48	3.79	33.02	3.84	35.75	3.91	37.88	3.99
	122	27.06	3.63	29.19	3.76	31.33	3.90	32.87	3.95	35.60	4.02	37.73	4.10
Ducted Indoor Units 32 (60%)	14	29.62	1.56	31.46	1.62	33.30	1.68	34.63	1.70	36.98	1.73	38.82	1.77
	20	29.60	1.59	31.44	1.64	33.28	1.70	34.61	1.72	36.96	1.76	38.79	1.79
	25	29.58	1.61	31.42	1.67	33.25	1.73	34.58	1.75	36.93	1.78	38.76	1.82
	30	29.56	1.63	31.39	1.69	33.23	1.75	34.55	1.77	36.90	1.81	38.73	1.84
	35	29.53	1.65	31.37	1.71	33.20	1.78	34.53	1.80	36.87	1.83	38.71	1.87
	40	29.51	1.68	31.34	1.74	33.18	1.80	34.50	1.82	36.84	1.86	38.68	1.89
	45	29.49	1.70	31.32	1.76	33.15	1.83	34.47	1.85	36.81	1.88	38.65	1.92
	50	29.47	1.72	31.30	1.78	33.13	1.85	34.45	1.87	36.79	1.91	38.62	1.94
	55	29.44	1.74	31.27	1.81	33.10	1.87	34.42	1.90	36.76	1.93	38.59	1.97
	60	29.42	1.77	31.25	1.83	33.08	1.90	34.40	1.92	36.73	1.96	38.56	2.00
	65	29.40	1.79	31.22	1.85	33.05	1.92	34.37	1.94	36.70	1.98	38.53	2.02
	70	29.38	1.81	31.20	1.88	33.02	1.95	34.34	1.97	36.67	2.01	38.50	2.05
	75	28.67	1.91	30.49	1.98	32.31	2.05	33.62	2.08	35.95	2.11	37.77	2.16
	80	27.96	2.01	29.78	2.08	31.59	2.16	32.90	2.18	35.22	2.22	37.04	2.27
	85	27.26	2.10	29.07	2.18	30.88	2.26	32.19	2.29	34.51	2.33	36.32	2.38
	90	26.56	2.20	28.37	2.28	30.17	2.37	31.48	2.39	33.79	2.44	35.59	2.49
	95	25.80	2.30	27.60	2.38	29.40	2.47	**30.22**	**2.50**	32.99	2.55	34.79	2.60
	100	25.17	2.40	26.97	2.49	28.77	2.58	29.83	2.61	32.36	2.66	34.16	2.71
	105	24.54	2.50	26.34	2.59	28.14	2.68	29.44	2.71	31.73	2.76	33.53	2.82
	110	23.92	2.59	25.71	2.69	27.51	2.79	28.81	2.82	31.11	2.87	32.90	2.93
	115	23.29	2.69	25.08	2.79	26.88	2.89	28.18	2.92	30.48	2.98	32.27	3.04
	118	22.91	2.75	24.71	2.85	26.51	2.95	27.80	2.99	30.10	3.04	31.90	3.11
	122	22.78	2.83	24.58	2.93	26.38	3.04	27.68	3.07	29.97	3.13	31.77	3.19

TC = Total Capacity (kBtu/h).

PI = Power Input (kW).

Nominal capacity as rated: 0 ft. above sea level with Piping Length as Main Pipe (16.4 ft.) + Branch pipe (98.4 ft.) = 115 ft.
0 ft. level difference between outdoor and indoor units.

Nominal cooling capacity rating obtained with air entering the indoor unit at 80°F dry bulb (DB) and 67°F wet bulb (WB), and outdoor ambient conditions of 95°F dry bulb (DB) and 75°F wet bulb (WB).

The shaded table columns and rows indicate reference data. When operating at this temperature, these values can be different if the system is not running consistently.

Due to our policy of continuous product innovation, some specifications may change without notification.
©LG Electronics U.S.A., Inc., Englewood Cliffs, NJ. All rights reserved. "LG" is a registered trademark of LG Corp.

PERFORMANCE DATA

Cooling Capacity Tables

Table 133: LMU540HV Cooling Capacity Table — Ducted Indoor Units (continued).

Combination Capacity Index (kBtu/h[%])	Outdoor Air Temp. (°F DB)	Indoor Air Temp. °F DB / °F WB											
		68 / 57		73 / 61		77 / 64		80 / 67		86 / 72		90 / 75	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
Ducted Indoor Units 27 (50%)	14	25.00	1.20	26.55	1.24	28.10	1.28	29.22	1.30	31.21	1.32	32.76	1.35
	20	24.98	1.21	26.53	1.26	28.08	1.30	29.20	1.32	31.18	1.34	32.73	1.37
	25	24.96	1.23	26.51	1.27	28.06	1.32	29.18	1.34	31.16	1.36	32.71	1.39
	30	24.94	1.25	26.49	1.29	28.04	1.34	29.16	1.35	31.14	1.38	32.68	1.41
	35	24.92	1.26	26.47	1.31	28.02	1.36	29.13	1.37	31.11	1.40	32.66	1.43
	40	24.90	1.28	26.45	1.33	28.00	1.38	29.11	1.39	31.09	1.42	32.63	1.45
	45	24.88	1.30	26.43	1.35	27.97	1.39	29.09	1.41	31.06	1.44	32.61	1.47
	50	24.86	1.32	26.41	1.36	27.95	1.41	29.07	1.43	31.04	1.46	32.58	1.49
	55	24.85	1.33	26.39	1.38	27.93	1.43	29.05	1.45	31.02	1.48	32.56	1.51
	60	24.83	1.35	26.37	1.40	27.91	1.45	29.02	1.47	30.99	1.49	32.54	1.52
	65	24.81	1.37	26.35	1.42	27.89	1.47	29.00	1.49	30.97	1.51	32.51	1.54
	70	24.79	1.38	26.33	1.43	27.87	1.49	28.98	1.50	30.95	1.53	32.49	1.56
	75	24.19	1.46	25.73	1.51	27.26	1.57	28.37	1.59	30.33	1.62	31.87	1.65
	80	23.59	1.53	25.13	1.59	26.66	1.65	27.76	1.67	29.72	1.70	31.25	1.73
	85	23.00	1.61	24.53	1.67	26.06	1.73	27.16	1.75	29.12	1.78	30.64	1.82
	90	22.41	1.68	23.94	1.74	25.46	1.81	26.56	1.83	28.51	1.86	30.03	1.90
	95	21.77	1.76	23.29	1.82	24.80	1.89	**25.50**	**1.91**	27.84	1.95	29.35	1.98
	100	21.24	1.83	22.76	1.90	24.27	1.97	25.17	1.99	27.31	2.03	28.82	2.07
	105	20.71	1.91	22.23	1.98	23.74	2.05	24.84	2.07	26.78	2.11	28.29	2.15
	110	20.18	1.98	21.70	2.05	23.21	2.13	24.31	2.15	26.25	2.19	27.76	2.24
	115	19.65	2.06	21.17	2.13	22.68	2.21	23.78	2.23	25.72	2.28	27.23	2.32
	118	19.33	2.10	20.85	2.18	22.37	2.26	23.46	2.28	25.40	2.33	26.92	2.37
	122	19.23	2.16	20.74	2.24	22.26	2.32	23.35	2.35	25.29	2.39	26.81	2.44
Ducted Indoor Units 24 (40%)	14	22.22	0.97	23.60	1.01	24.98	1.04	25.98	1.05	27.74	1.07	29.12	1.10
	20	22.21	0.98	23.59	1.02	24.96	1.06	25.96	1.07	27.72	1.09	29.10	1.11
	25	22.19	1.00	23.57	1.03	24.95	1.07	25.94	1.08	27.70	1.10	29.08	1.13
	30	22.17	1.01	23.55	1.05	24.93	1.09	25.92	1.10	27.68	1.12	29.06	1.14
	35	22.16	1.03	23.53	1.06	24.91	1.10	25.90	1.11	27.66	1.14	29.04	1.16
	40	22.14	1.04	23.51	1.08	24.89	1.12	25.88	1.13	27.64	1.15	29.01	1.17
	45	22.12	1.05	23.50	1.09	24.87	1.13	25.86	1.14	27.62	1.17	28.99	1.19
	50	22.10	1.07	23.48	1.11	24.85	1.15	25.84	1.16	27.60	1.18	28.97	1.21
	55	22.09	1.08	23.46	1.12	24.83	1.16	25.82	1.18	27.57	1.20	28.95	1.22
	60	22.07	1.10	23.44	1.14	24.81	1.18	25.80	1.19	27.55	1.21	28.92	1.24
	65	22.05	1.11	23.42	1.15	24.79	1.19	25.78	1.21	27.53	1.23	28.90	1.25
	70	22.04	1.12	23.41	1.16	24.77	1.21	25.76	1.22	27.51	1.24	28.88	1.27
	75	21.51	1.18	22.87	1.23	24.24	1.27	25.22	1.29	26.97	1.31	28.33	1.34
	80	20.98	1.24	22.34	1.29	23.70	1.34	24.68	1.35	26.42	1.38	27.79	1.41
	85	20.45	1.31	21.81	1.35	23.17	1.40	24.15	1.42	25.88	1.44	27.24	1.47
	90	19.93	1.37	21.28	1.42	22.64	1.47	23.61	1.48	25.35	1.51	26.70	1.54
	95	19.35	1.43	20.70	1.48	22.05	1.53	**22.67**	**1.55**	24.75	1.58	26.10	1.61
	100	18.88	1.49	20.23	1.54	21.58	1.60	22.38	1.62	24.28	1.65	25.63	1.68
	105	18.41	1.55	19.76	1.60	21.11	1.66	22.08	1.68	23.81	1.71	25.15	1.75
	110	17.94	1.61	19.29	1.67	20.64	1.73	21.61	1.75	23.33	1.78	24.68	1.82
	115	17.47	1.67	18.82	1.73	20.17	1.79	21.14	1.81	22.86	1.85	24.21	1.88
	118	17.19	1.71	18.53	1.77	19.88	1.83	20.86	1.85	22.58	1.89	23.93	1.93
	122	17.09	1.75	18.44	1.82	19.79	1.88	20.76	1.91	22.49	1.94	23.83	1.98

TC = Total Capacity (kBtu/h).

PI = Power Input (kW).

Nominal capacity as rated: 0 ft. above sea level with Piping Length as Main Pipe (16.4 ft.) + Branch pipe (98.4 ft.) = 115 ft.
0 ft. level difference between outdoor and indoor units.

Nominal cooling capacity rating obtained with air entering the indoor unit at 80°F dry bulb (DB) and 67°F wet bulb (WB), and outdoor ambient conditions of 95°F dry bulb (DB) and 75°F wet bulb (WB).

The shaded table columns and rows indicate reference data. When operating at this temperature, these values can be different if the system is not running consistently.

Due to our policy of continuous product innovation, some specifications may change without notification.
©LG Electronics U.S.A., Inc., Englewood Cliffs, NJ. All rights reserved. "LG" is a registered trademark of LG Corp.

PERFORMANCE DATA

Cooling Capacity Tables

Table 134: LMU540HV Cooling Capacity Table — Mixed Indoor Units.

Combination Capacity Index (kBtu/h[%])	Outdoor Air Temp. (°F DB)	Indoor Air Temp. °F DB / °F WB											
		68 / 57		73 / 61		77 / 64		80 / 67		86 / 72		90 / 75	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
Mixed Indoor Units 73 (135%)	14	53.78	3.55	57.12	3.68	60.46	3.82	62.87	3.86	67.14	3.94	70.48	4.01
	20	53.74	3.61	57.08	3.74	60.41	3.87	62.82	3.92	67.09	3.99	70.43	4.07
	25	53.70	3.66	57.03	3.79	60.37	3.93	62.78	3.97	67.04	4.05	70.37	4.13
	30	53.66	3.71	56.99	3.84	60.32	3.98	62.73	4.03	66.99	4.10	70.32	4.19
	35	53.62	3.76	56.94	3.90	60.27	4.04	62.68	4.08	66.93	4.16	70.26	4.25
	40	53.57	3.81	56.90	3.95	60.23	4.09	62.63	4.14	66.88	4.22	70.21	4.30
	45	53.53	3.86	56.86	4.00	60.18	4.15	62.58	4.20	66.83	4.27	70.16	4.36
	50	53.49	3.91	56.81	4.05	60.14	4.20	62.54	4.25	66.78	4.33	70.10	4.42
	55	53.45	3.96	56.77	4.11	60.09	4.26	62.49	4.31	66.73	4.39	70.05	4.48
	60	53.41	4.01	56.73	4.16	60.04	4.31	62.44	4.36	66.68	4.44	69.99	4.53
	65	53.37	4.07	56.68	4.21	60.00	4.37	62.39	4.42	66.63	4.50	69.94	4.59
	70	53.33	4.12	56.64	4.27	59.95	4.42	62.34	4.47	66.58	4.56	69.89	4.65
	75	52.04	4.34	55.35	4.50	58.65	4.66	61.04	4.71	65.26	4.80	68.56	4.90
	80	50.76	4.56	54.06	4.73	57.35	4.90	59.73	4.96	63.94	5.05	67.24	5.15
	85	49.49	4.78	52.78	4.96	56.06	5.14	58.44	5.20	62.64	5.29	65.93	5.40
	90	48.22	5.00	51.50	5.19	54.78	5.38	57.14	5.44	61.33	5.54	64.61	5.65
	95	46.84	5.23	50.10	5.42	53.36	5.62	**54.86**	**5.68**	59.89	5.79	63.15	5.90
	100	45.70	5.45	48.96	5.65	52.22	5.85	54.15	5.92	58.75	6.03	62.01	6.15
	105	44.56	5.67	47.82	5.88	51.08	6.09	53.44	6.16	57.61	6.28	60.87	6.40
	110	43.42	5.89	46.68	6.11	49.94	6.33	52.30	6.40	56.47	6.52	59.73	6.66
	115	42.27	6.11	45.54	6.34	48.80	6.57	51.16	6.65	55.33	6.77	58.59	6.91
	118	41.59	6.25	44.85	6.48	48.12	6.71	50.47	6.79	54.64	6.92	57.91	7.06
	122	41.36	6.43	44.63	6.66	47.89	6.90	50.24	6.98	54.41	7.11	57.68	7.26
Mixed Indoor Units 70 (130%)	14	53.30	3.50	56.61	3.63	59.92	3.76	62.31	3.80	66.54	3.87	69.85	3.95
	20	53.26	3.55	56.57	3.68	59.87	3.81	62.26	3.86	66.49	3.93	69.80	4.01
	25	53.22	3.60	56.52	3.73	59.83	3.87	62.21	3.91	66.44	3.98	69.74	4.06
	30	53.18	3.65	56.48	3.78	59.78	3.92	62.17	3.97	66.39	4.04	69.69	4.12
	35	53.14	3.70	56.44	3.83	59.74	3.97	62.12	4.02	66.34	4.10	69.64	4.18
	40	53.10	3.75	56.39	3.89	59.69	4.03	62.07	4.07	66.29	4.15	69.58	4.23
	45	53.05	3.80	56.35	3.94	59.64	4.08	62.02	4.13	66.23	4.21	69.53	4.29
	50	53.01	3.85	56.31	3.99	59.60	4.14	61.98	4.18	66.18	4.26	69.48	4.35
	55	52.97	3.90	56.26	4.04	59.55	4.19	61.93	4.24	66.13	4.32	69.42	4.40
	60	52.93	3.95	56.22	4.09	59.51	4.24	61.88	4.29	66.08	4.37	69.37	4.46
	65	52.89	4.00	56.18	4.15	59.46	4.30	61.83	4.35	66.03	4.43	69.32	4.52
	70	52.85	4.05	56.13	4.20	59.42	4.35	61.79	4.40	65.98	4.48	69.26	4.58
	75	51.58	4.27	54.85	4.43	58.13	4.59	60.49	4.64	64.68	4.73	67.95	4.82
	80	50.31	4.49	53.57	4.65	56.84	4.82	59.20	4.88	63.37	4.97	66.64	5.07
	85	49.05	4.71	52.31	4.88	55.56	5.06	57.92	5.11	62.08	5.21	65.34	5.32
	90	47.79	4.93	51.04	5.11	54.29	5.29	56.63	5.35	60.79	5.45	64.04	5.56
	95	46.42	5.14	49.65	5.33	52.89	5.53	**54.37**	**5.59**	59.35	5.69	62.59	5.81
	100	45.29	5.36	48.52	5.56	51.76	5.76	53.67	5.83	58.22	5.94	61.46	6.06
	105	44.16	5.58	47.39	5.78	50.63	6.00	52.96	6.07	57.09	6.18	60.33	6.30
	110	43.03	5.80	46.26	6.01	49.50	6.23	51.83	6.30	55.96	6.42	59.20	6.55
	115	41.90	6.02	45.13	6.24	48.36	6.47	50.70	6.54	54.83	6.66	58.07	6.80
	118	41.22	6.15	44.45	6.37	47.69	6.61	50.02	6.68	54.15	6.81	57.39	6.94
	122	40.99	6.32	44.23	6.55	47.46	6.79	49.80	6.87	53.93	7.00	57.16	7.14

TC = Total Capacity (kBtu/h).

PI = Power Input (kW).

Nominal capacity as rated: 0 ft. above sea level with Piping Length as Main Pipe (16.4 ft.) + Branch pipe (98.4 ft.) = 115 ft.
0 ft. level difference between outdoor and indoor units.

Nominal cooling capacity rating obtained with air entering the indoor unit at 80°F dry bulb (DB) and 67°F wet bulb (WB), and outdoor ambient conditions of 95°F dry bulb (DB) and 75°F wet bulb (WB).

The shaded table columns and rows indicate reference data. When operating at this temperature, these values can be different if the system is not running consistently.

Due to our policy of continuous product innovation, some specifications may change without notification.
©LG Electronics U.S.A., Inc., Englewood Cliffs, NJ. All rights reserved. "LG" is a registered trademark of LG Corp.

PERFORMANCE DATA

Cooling Capacity Tables

Table 135: LMU540HV Cooling Capacity Table — Mixed Indoor Units (continued).

Combination Capacity Index (kBtu/h[%])	Outdoor Air Temp. (°F DB)	Indoor Air Temp. °F DB / °F WB											
		68 / 57		73 / 61		77 / 64		80 / 67		86 / 72		90 / 75	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
Mixed Indoor Units 65 (120%)	14	52.49	3.40	55.76	3.53	59.02	3.66	61.37	3.70	65.54	3.77	68.80	3.84
	20	52.45	3.45	55.71	3.58	58.97	3.71	61.32	3.75	65.49	3.82	68.74	3.90
	25	52.41	3.50	55.67	3.63	58.93	3.76	61.28	3.81	65.44	3.88	68.69	3.96
	30	52.37	3.55	55.63	3.68	58.88	3.82	61.23	3.86	65.39	3.93	68.64	4.01
	35	52.33	3.60	55.58	3.73	58.84	3.87	61.18	3.91	65.34	3.99	68.59	4.07
	40	52.29	3.65	55.54	3.78	58.79	3.92	61.14	3.97	65.29	4.04	68.53	4.12
	45	52.25	3.70	55.50	3.83	58.75	3.97	61.09	4.02	65.24	4.09	68.48	4.18
	50	52.21	3.75	55.46	3.88	58.70	4.03	61.04	4.07	65.19	4.15	68.43	4.23
	55	52.17	3.80	55.41	3.93	58.66	4.08	61.00	4.12	65.14	4.20	68.38	4.29
	60	52.13	3.84	55.37	3.98	58.61	4.13	60.95	4.18	65.09	4.26	68.32	4.34
	65	52.09	3.89	55.33	4.04	58.57	4.18	60.90	4.23	65.04	4.31	68.27	4.40
	70	52.05	3.94	55.29	4.09	58.52	4.24	60.85	4.28	64.99	4.36	68.22	4.45
	75	50.80	4.16	54.03	4.31	57.25	4.46	59.58	4.52	63.70	4.60	66.93	4.69
	80	49.55	4.37	52.77	4.53	55.98	4.69	58.31	4.75	62.42	4.84	65.63	4.93
	85	48.31	4.58	51.52	4.75	54.73	4.92	57.04	4.98	61.14	5.07	64.35	5.17
	90	47.07	4.79	50.27	4.97	53.47	5.15	55.78	5.21	59.87	5.31	63.07	5.41
	95	45.72	5.01	48.90	5.19	52.09	5.38	**53.55**	**5.44**	58.46	5.54	61.64	5.65
	100	44.61	5.22	47.79	5.41	50.98	5.61	52.86	5.67	57.35	5.78	60.53	5.89
	105	43.49	5.43	46.68	5.63	49.86	5.84	52.16	5.90	56.23	6.01	59.42	6.13
	110	42.38	5.64	45.56	5.85	48.75	6.06	51.05	6.13	55.12	6.25	58.30	6.37
	115	41.27	5.86	44.45	6.07	47.64	6.29	49.94	6.36	54.01	6.48	57.19	6.61
	118	40.60	5.98	43.78	6.20	46.97	6.43	49.27	6.50	53.34	6.63	56.52	6.76
	122	40.37	6.15	43.56	6.38	46.74	6.61	49.05	6.69	53.11	6.81	56.30	6.95
Mixed Indoor Units 59 (110%)	14	51.53	3.29	54.73	3.41	57.94	3.53	60.25	3.57	64.34	3.64	67.54	3.71
	20	51.49	3.33	54.69	3.45	57.89	3.58	60.20	3.62	64.29	3.69	67.49	3.76
	25	51.46	3.38	54.65	3.50	57.85	3.63	60.15	3.67	64.24	3.74	67.43	3.82
	30	51.42	3.43	54.61	3.55	57.80	3.68	60.11	3.72	64.19	3.79	67.38	3.87
	35	51.38	3.47	54.57	3.60	57.76	3.73	60.06	3.78	64.14	3.85	67.33	3.92
	40	51.34	3.52	54.53	3.65	57.71	3.78	60.02	3.83	64.09	3.90	67.28	3.98
	45	51.30	3.57	54.48	3.70	57.67	3.83	59.97	3.88	64.04	3.95	67.23	4.03
	50	51.26	3.62	54.44	3.75	57.63	3.88	59.93	3.93	63.99	4.00	67.18	4.08
	55	51.22	3.66	54.40	3.80	57.58	3.94	59.88	3.98	63.94	4.06	67.12	4.14
	60	51.18	3.71	54.36	3.85	57.54	3.99	59.83	4.03	63.89	4.11	67.07	4.19
	65	51.14	3.76	54.32	3.89	57.49	4.04	59.79	4.08	63.85	4.16	67.02	4.24
	70	51.10	3.80	54.28	3.94	57.45	4.09	59.74	4.13	63.80	4.21	66.97	4.30
	75	49.87	4.01	53.04	4.16	56.20	4.31	58.49	4.36	62.54	4.44	65.70	4.53
	80	48.64	4.22	51.80	4.37	54.96	4.53	57.24	4.58	61.27	4.67	64.43	4.76
	85	47.42	4.42	50.57	4.58	53.72	4.75	56.00	4.80	60.02	4.89	63.17	4.99
	90	46.20	4.63	49.35	4.79	52.49	4.97	54.76	5.03	58.77	5.12	61.92	5.22
	95	44.88	4.83	48.01	5.01	51.14	5.19	**52.57**	**5.25**	57.39	5.35	60.52	5.46
	100	43.79	5.04	46.92	5.22	50.04	5.41	51.89	5.47	56.30	5.58	59.42	5.69
	105	42.70	5.24	45.82	5.43	48.95	5.63	51.21	5.70	55.20	5.80	58.33	5.92
	110	41.60	5.45	44.73	5.65	47.86	5.85	50.11	5.92	54.11	6.03	57.24	6.15
	115	40.51	5.65	43.64	5.86	46.76	6.07	49.02	6.14	53.02	6.26	56.14	6.38
	118	39.85	5.78	42.98	5.99	46.11	6.20	48.37	6.28	52.36	6.39	55.49	6.52
	122	39.64	5.94	42.76	6.16	45.89	6.38	48.15	6.45	52.14	6.58	55.27	6.71

TC = Total Capacity (kBtu/h).

PI = Power Input (kW).

Nominal capacity as rated: 0 ft. above sea level with Piping Length as Main Pipe (16.4 ft.) + Branch pipe (98.4 ft.) = 115 ft.
0 ft. level difference between outdoor and indoor units.

Nominal cooling capacity rating obtained with air entering the indoor unit at 80ºF dry bulb (DB) and 67ºF wet bulb (WB), and outdoor ambient conditions of 95ºF dry bulb (DB) and 75ºF wet bulb (WB).

The shaded table columns and rows indicate reference data. When operating at this temperature, these values can be different if the system is not running consistently.

Due to our policy of continuous product innovation, some specifications may change without notification.
©LG Electronics U.S.A., Inc., Englewood Cliffs, NJ. All rights reserved. "LG" is a registered trademark of LG Corp.

PERFORMANCE DATA

Cooling Capacity Tables

Table 136: LMU540HV Cooling Capacity Table — Mixed Indoor Units (continued).

Combination Capacity Index (kBtu/h[%])	Outdoor Air Temp. (°F DB)	Indoor Air Temp. °F DB / °F WB											
		68 / 57		73 / 61		77 / 64		80 / 67		86 / 72		90 / 75	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
Mixed Indoor Units 54 (100%)	14	50.73	3.19	53.88	3.31	57.03	3.43	59.31	3.47	63.33	3.53	66.48	3.60
	20	50.69	3.24	53.84	3.36	56.99	3.48	59.26	3.52	63.28	3.58	66.43	3.66
	25	50.65	3.28	53.80	3.40	56.94	3.53	59.22	3.57	63.24	3.63	66.38	3.71
	30	50.61	3.33	53.76	3.45	56.90	3.58	59.17	3.62	63.19	3.69	66.33	3.76
	35	50.58	3.38	53.72	3.50	56.86	3.63	59.13	3.67	63.14	3.74	66.28	3.81
	40	50.54	3.42	53.68	3.55	56.81	3.68	59.08	3.72	63.09	3.79	66.23	3.86
	45	50.50	3.47	53.63	3.59	56.77	3.72	59.04	3.77	63.04	3.84	66.18	3.92
	50	50.46	3.51	53.59	3.64	56.73	3.77	58.99	3.82	62.99	3.89	66.13	3.97
	55	50.42	3.56	53.55	3.69	56.68	3.82	58.95	3.87	62.95	3.94	66.08	4.02
	60	50.38	3.60	53.51	3.74	56.64	3.87	58.90	3.92	62.90	3.99	66.03	4.07
	65	50.34	3.65	53.47	3.78	56.60	3.92	58.85	3.97	62.85	4.04	65.98	4.12
	70	50.30	3.70	53.43	3.83	56.55	3.97	58.81	4.02	62.80	4.09	65.93	4.17
	75	49.09	3.90	52.21	4.04	55.33	4.19	57.58	4.23	61.56	4.31	64.68	4.40
	80	47.88	4.09	50.99	4.24	54.10	4.40	56.35	4.45	60.32	4.53	63.43	4.62
	85	46.68	4.29	49.78	4.45	52.89	4.61	55.13	4.67	59.09	4.75	62.19	4.85
	90	45.48	4.49	48.58	4.66	51.67	4.83	53.90	4.88	57.86	4.97	60.95	5.07
	95	44.18	4.69	47.26	4.86	50.34	5.04	**51.75**	**5.10**	56.49	5.20	59.57	5.30
	100	43.11	4.89	46.18	5.07	49.26	5.26	51.08	5.32	55.42	5.42	58.50	5.53
	105	42.03	5.09	45.11	5.28	48.19	5.47	50.41	5.53	54.34	5.64	57.42	5.75
	110	40.95	5.29	44.03	5.48	47.11	5.68	49.33	5.75	53.27	5.86	56.34	5.98
	115	39.88	5.49	42.96	5.69	46.03	5.90	48.26	5.97	52.19	6.08	55.27	6.20
	118	39.23	5.61	42.31	5.82	45.39	6.03	47.61	6.10	51.54	6.21	54.62	6.34
	122	39.02	5.77	42.10	5.98	45.17	6.20	47.40	6.27	51.33	6.39	54.41	6.52
Mixed Indoor Units 49 (90%)	14	46.03	2.82	48.89	2.93	51.75	3.03	53.82	3.07	57.47	3.12	60.33	3.19
	20	46.00	2.86	48.86	2.97	51.71	3.08	53.78	3.11	57.43	3.17	60.28	3.23
	25	45.96	2.90	48.82	3.01	51.67	3.12	53.74	3.16	57.38	3.21	60.24	3.28
	30	45.93	2.94	48.78	3.05	51.63	3.16	53.69	3.20	57.34	3.26	60.19	3.32
	35	45.89	2.98	48.74	3.09	51.59	3.21	53.65	3.24	57.30	3.30	60.15	3.37
	40	45.86	3.03	48.71	3.14	51.56	3.25	53.61	3.29	57.25	3.35	60.10	3.42
	45	45.82	3.07	48.67	3.18	51.52	3.29	53.57	3.33	57.21	3.39	60.05	3.46
	50	45.79	3.11	48.63	3.22	51.48	3.34	53.53	3.38	57.16	3.44	60.01	3.51
	55	45.75	3.15	48.60	3.26	51.44	3.38	53.49	3.42	57.12	3.48	59.96	3.55
	60	45.72	3.19	48.56	3.30	51.40	3.42	53.45	3.46	57.08	3.53	59.92	3.60
	65	45.68	3.23	48.52	3.35	51.36	3.47	53.41	3.51	57.03	3.57	59.87	3.65
	70	45.65	3.27	48.48	3.39	51.32	3.51	53.37	3.55	56.99	3.62	59.82	3.69
	75	44.55	3.44	47.38	3.57	50.21	3.70	52.25	3.74	55.86	3.81	58.69	3.89
	80	43.45	3.62	46.27	3.75	49.09	3.89	51.13	3.94	54.74	4.01	57.56	4.09
	85	42.36	3.80	45.18	3.94	47.99	4.08	50.02	4.13	53.62	4.20	56.43	4.29
	90	41.27	3.97	44.08	4.12	46.89	4.27	48.92	4.32	52.50	4.40	55.31	4.49
	95	40.09	4.15	42.89	4.30	45.68	4.46	**46.96**	**4.51**	51.26	4.59	54.06	4.69
	100	39.12	4.33	41.91	4.48	44.70	4.65	46.35	4.70	50.29	4.79	53.08	4.89
	105	38.14	4.50	40.93	4.67	43.73	4.84	45.74	4.89	49.31	4.98	52.11	5.09
	110	37.16	4.68	39.96	4.85	42.75	5.03	44.77	5.08	48.34	5.18	51.13	5.28
	115	36.19	4.86	38.98	5.03	41.77	5.22	43.79	5.28	47.36	5.38	50.15	5.48
	118	35.60	4.96	38.39	5.14	41.19	5.33	43.20	5.39	46.77	5.49	49.57	5.60
	122	35.41	5.10	38.20	5.29	40.99	5.48	43.01	5.54	46.58	5.65	49.37	5.76

TC = Total Capacity (kBtu/h).

PI = Power Input (kW).

Nominal capacity as rated: 0 ft. above sea level with Piping Length as Main Pipe (16.4 ft.) + Branch pipe (98.4 ft.) = 115 ft.
0 ft. level difference between outdoor and indoor units.

Nominal cooling capacity rating obtained with air entering the indoor unit at 80°F dry bulb (DB) and 67°F wet bulb (WB), and outdoor ambient conditions of 95°F dry bulb (DB) and 75°F wet bulb (WB).

The shaded table columns and rows indicate reference data. When operating at this temperature, these values can be different if the system is not running consistently.

Due to our policy of continuous product innovation, some specifications may change without notification.
©LG Electronics U.S.A., Inc., Englewood Cliffs, NJ. All rights reserved. "LG" is a registered trademark of LG Corp.

PERFORMANCE DATA

Cooling Capacity Tables

Table 137: LMU540HV Cooling Capacity Table — Mixed Indoor Units (continued).

Combination Capacity Index (kBtu/h[%])	Outdoor Air Temp. (°F DB)	Indoor Air Temp. °F DB / °F WB											
		68 / 57		73 / 61		77 / 64		80 / 67		86 / 72		90 / 75	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
Mixed Indoor Units 43 (80%)	14	40.40	2.38	42.91	2.46	45.42	2.55	47.23	2.58	50.43	2.63	52.94	2.69
	20	40.37	2.41	42.87	2.50	45.38	2.59	47.19	2.62	50.40	2.67	52.90	2.72
	25	40.34	2.45	42.84	2.54	45.35	2.63	47.16	2.66	50.36	2.71	52.86	2.76
	30	40.31	2.48	42.81	2.57	45.31	2.66	47.12	2.70	50.32	2.75	52.82	2.80
	35	40.27	2.51	42.78	2.61	45.28	2.70	47.08	2.73	50.28	2.78	52.78	2.84
	40	40.24	2.55	42.74	2.64	45.24	2.74	47.05	2.77	50.24	2.82	52.74	2.88
	45	40.21	2.58	42.71	2.68	45.21	2.78	47.01	2.81	50.20	2.86	52.70	2.92
	50	40.18	2.62	42.68	2.71	45.17	2.81	46.98	2.84	50.16	2.90	52.66	2.96
	55	40.15	2.65	42.65	2.75	45.14	2.85	46.94	2.88	50.13	2.94	52.62	2.99
	60	40.12	2.69	42.61	2.78	45.10	2.89	46.90	2.92	50.09	2.97	52.58	3.03
	65	40.09	2.72	42.58	2.82	45.07	2.92	46.87	2.96	50.05	3.01	52.54	3.07
	70	40.06	2.75	42.55	2.85	45.03	2.96	46.83	2.99	50.01	3.05	52.50	3.11
	75	39.10	2.90	41.58	3.01	44.06	3.12	45.85	3.15	49.02	3.21	51.50	3.28
	80	38.13	3.05	40.61	3.16	43.08	3.28	44.87	3.32	48.03	3.38	50.51	3.45
	85	37.18	3.20	39.65	3.32	42.11	3.44	43.90	3.48	47.05	3.54	49.52	3.61
	90	36.22	3.35	38.68	3.47	41.15	3.60	42.93	3.64	46.07	3.71	48.54	3.78
	95	35.18	3.50	37.63	3.62	40.09	3.76	**41.21**	**3.80**	44.99	3.87	47.44	3.95
	100	34.33	3.65	36.78	3.78	39.23	3.92	40.68	3.96	44.13	4.04	46.58	4.12
	105	33.47	3.79	35.92	3.93	38.37	4.08	40.14	4.12	43.27	4.20	45.73	4.28
	110	32.61	3.94	35.06	4.09	37.52	4.24	39.29	4.28	42.42	4.36	44.87	4.45
	115	31.76	4.09	34.21	4.24	36.66	4.40	38.43	4.45	41.56	4.53	44.01	4.62
	118	31.24	4.18	33.69	4.33	36.14	4.49	37.91	4.54	41.05	4.63	43.50	4.72
	122	31.07	4.30	33.52	4.46	35.97	4.62	37.74	4.67	40.88	4.76	43.33	4.86
Mixed Indoor Units 38 (70%)	14	35.70	2.01	37.92	2.08	40.14	2.16	41.74	2.18	44.57	2.22	46.79	2.27
	20	35.68	2.04	37.89	2.11	40.11	2.19	41.71	2.21	44.54	2.26	46.75	2.30
	25	35.65	2.07	37.86	2.14	40.08	2.22	41.67	2.25	44.50	2.29	46.72	2.33
	30	35.62	2.10	37.83	2.17	40.05	2.25	41.64	2.28	44.47	2.32	46.68	2.37
	35	35.59	2.12	37.80	2.20	40.01	2.28	41.61	2.31	44.44	2.35	46.65	2.40
	40	35.57	2.15	37.78	2.23	39.98	2.31	41.58	2.34	44.40	2.38	46.61	2.43
	45	35.54	2.18	37.75	2.26	39.95	2.34	41.55	2.37	44.37	2.42	46.57	2.46
	50	35.51	2.21	37.72	2.29	39.92	2.38	41.52	2.40	44.33	2.45	46.54	2.50
	55	35.48	2.24	37.69	2.32	39.89	2.41	41.48	2.43	44.30	2.48	46.50	2.53
	60	35.46	2.27	37.66	2.35	39.86	2.44	41.45	2.47	44.27	2.51	46.47	2.56
	65	35.43	2.30	37.63	2.38	39.83	2.47	41.42	2.50	44.23	2.54	46.43	2.59
	70	35.40	2.33	37.60	2.41	39.80	2.50	41.39	2.53	44.20	2.58	46.40	2.63
	75	34.55	2.45	36.74	2.54	38.94	2.63	40.52	2.66	43.32	2.71	45.52	2.77
	80	33.70	2.58	35.89	2.67	38.07	2.77	39.65	2.80	42.45	2.85	44.64	2.91
	85	32.85	2.70	35.04	2.80	37.22	2.90	38.80	2.94	41.58	2.99	43.77	3.05
	90	32.01	2.83	34.19	2.93	36.36	3.04	37.94	3.07	40.72	3.13	42.90	3.19
	95	31.09	2.95	33.26	3.06	35.43	3.17	**36.42**	**3.21**	39.76	3.27	41.92	3.34
	100	30.34	3.08	32.50	3.19	34.67	3.31	35.95	3.35	39.00	3.41	41.17	3.48
	105	29.58	3.20	31.75	3.32	33.91	3.44	35.48	3.48	38.24	3.55	40.41	3.62
	110	28.82	3.33	30.99	3.45	33.15	3.58	34.72	3.62	37.49	3.69	39.65	3.76
	115	28.07	3.46	30.23	3.58	32.40	3.71	33.96	3.76	36.73	3.83	38.90	3.90
	118	27.61	3.53	29.78	3.66	31.94	3.79	33.51	3.84	36.28	3.91	38.44	3.99
	122	27.46	3.63	29.63	3.76	31.79	3.90	33.36	3.95	36.12	4.02	38.29	4.10

TC = Total Capacity (kBtu/h).

PI = Power Input (kW).

Nominal capacity as rated: 0 ft. above sea level with Piping Length as Main Pipe (16.4 ft.) + Branch pipe (98.4 ft.) = 115 ft.
0 ft. level difference between outdoor and indoor units.

Nominal cooling capacity rating obtained with air entering the indoor unit at 80ºF dry bulb (DB) and 67ºF wet bulb (WB), and outdoor ambient conditions of 95ºF dry bulb (DB) and 75ºF wet bulb (WB).

The shaded table columns and rows indicate reference data. When operating at this temperature, these values can be different if the system is not running consistently.

Due to our policy of continuous product innovation, some specifications may change without notification.
©LG Electronics U.S.A., Inc., Englewood Cliffs, NJ. All rights reserved. "LG" is a registered trademark of LG Corp.

Table 138: LMU540HV Cooling Capacity Table — Mixed Indoor Units (continued).

Combination Capacity Index (kBtu/h[%])	Outdoor Air Temp. (°F DB)	Indoor Air Temp. °F DB / °F WB											
		68 / 57		73 / 61		77 / 64		80 / 67		86 / 72		90 / 75	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
Mixed Indoor Units 32 (60%)	14	30.07	1.56	31.93	1.62	33.80	1.68	35.15	1.70	37.53	1.73	39.40	1.77
	20	30.04	1.59	31.91	1.64	33.77	1.70	35.12	1.72	37.51	1.76	39.37	1.79
	25	30.02	1.61	31.88	1.67	33.75	1.73	35.10	1.75	37.48	1.78	39.34	1.82
	30	30.00	1.63	31.86	1.69	33.72	1.75	35.07	1.77	37.45	1.81	39.31	1.84
	35	29.97	1.65	31.84	1.71	33.70	1.78	35.04	1.80	37.42	1.83	39.28	1.87
	40	29.95	1.68	31.81	1.74	33.67	1.80	35.01	1.82	37.39	1.86	39.25	1.89
	45	29.93	1.70	31.79	1.76	33.65	1.83	34.99	1.85	37.36	1.88	39.22	1.92
	50	29.91	1.72	31.76	1.78	33.62	1.85	34.96	1.87	37.33	1.91	39.19	1.94
	55	29.88	1.74	31.74	1.81	33.59	1.87	34.93	1.90	37.31	1.93	39.16	1.97
	60	29.86	1.77	31.71	1.83	33.57	1.90	34.91	1.92	37.28	1.96	39.13	2.00
	65	29.84	1.79	31.69	1.85	33.54	1.92	34.88	1.94	37.25	1.98	39.10	2.02
	70	29.81	1.81	31.67	1.88	33.52	1.95	34.85	1.97	37.22	2.01	39.07	2.05
	75	29.10	1.91	30.94	1.98	32.79	2.05	34.12	2.08	36.48	2.11	38.33	2.16
	80	28.38	2.01	30.22	2.08	32.06	2.16	33.39	2.18	35.75	2.22	37.59	2.27
	85	27.67	2.10	29.51	2.18	31.34	2.26	32.67	2.29	35.02	2.33	36.86	2.38
	90	26.96	2.20	28.79	2.28	30.62	2.37	31.95	2.39	34.29	2.44	36.12	2.49
	95	26.18	2.30	28.01	2.38	29.83	2.47	**30.67**	**2.50**	33.48	2.55	35.31	2.60
	100	25.55	2.40	27.37	2.49	29.20	2.58	30.27	2.61	32.84	2.66	34.67	2.71
	105	24.91	2.50	26.73	2.59	28.56	2.68	29.88	2.71	32.21	2.76	34.03	2.82
	110	24.27	2.59	26.10	2.69	27.92	2.79	29.24	2.82	31.57	2.87	33.39	2.93
	115	23.63	2.69	25.46	2.79	27.28	2.89	28.60	2.92	30.93	2.98	32.76	3.04
	118	23.25	2.75	25.08	2.85	26.90	2.95	28.22	2.99	30.55	3.04	32.37	3.11
	122	23.12	2.83	24.95	2.93	26.77	3.04	28.09	3.07	30.42	3.13	32.24	3.19
Mixed Indoor Units 27 (50%)	14	25.37	1.20	26.95	1.24	28.52	1.28	29.66	1.30	31.67	1.32	33.25	1.35
	20	25.35	1.21	26.93	1.26	28.50	1.30	29.64	1.32	31.65	1.34	33.22	1.37
	25	25.33	1.23	26.90	1.27	28.48	1.32	29.61	1.34	31.62	1.36	33.20	1.39
	30	25.31	1.25	26.88	1.29	28.46	1.34	29.59	1.35	31.60	1.38	33.17	1.41
	35	25.29	1.26	26.86	1.31	28.43	1.36	29.57	1.37	31.58	1.40	33.15	1.43
	40	25.27	1.28	26.84	1.33	28.41	1.38	29.55	1.39	31.55	1.42	33.12	1.45
	45	25.25	1.30	26.82	1.35	28.39	1.39	29.52	1.41	31.53	1.44	33.10	1.47
	50	25.23	1.32	26.80	1.36	28.37	1.41	29.50	1.43	31.50	1.46	33.07	1.49
	55	25.22	1.33	26.78	1.38	28.35	1.43	29.48	1.45	31.48	1.48	33.05	1.51
	60	25.20	1.35	26.76	1.40	28.33	1.45	29.46	1.47	31.46	1.49	33.02	1.52
	65	25.18	1.37	26.74	1.42	28.30	1.47	29.43	1.49	31.43	1.51	32.99	1.54
	70	25.16	1.38	26.72	1.43	28.28	1.49	29.41	1.50	31.41	1.53	32.97	1.56
	75	24.55	1.46	26.11	1.51	27.67	1.57	28.79	1.59	30.79	1.62	32.34	1.65
	80	23.95	1.53	25.50	1.59	27.06	1.65	28.18	1.67	30.17	1.70	31.72	1.73
	85	23.35	1.61	24.90	1.67	26.45	1.73	27.57	1.75	29.55	1.78	31.10	1.82
	90	22.75	1.68	24.29	1.74	25.84	1.81	26.96	1.83	28.93	1.86	30.48	1.90
	95	22.10	1.76	23.63	1.82	25.17	1.89	**25.88**	**1.91**	28.25	1.95	29.79	1.98
	100	21.56	1.83	23.10	1.90	24.64	1.97	25.54	1.99	27.71	2.03	29.25	2.07
	105	21.02	1.91	22.56	1.98	24.10	2.05	25.21	2.07	27.18	2.11	28.72	2.15
	110	20.48	1.98	22.02	2.05	23.56	2.13	24.67	2.15	26.64	2.19	28.18	2.24
	115	19.94	2.06	21.48	2.13	23.02	2.21	24.13	2.23	26.10	2.28	27.64	2.32
	118	19.62	2.10	21.16	2.18	22.70	2.26	23.81	2.28	25.78	2.33	27.32	2.37
	122	19.51	2.16	21.05	2.24	22.59	2.32	23.70	2.35	25.67	2.39	27.21	2.44

TC = Total Capacity (kBtu/h).

PI = Power Input (kW).

Nominal capacity as rated: 0 ft. above sea level with Piping Length as Main Pipe (16.4 ft.) + Branch pipe (98.4 ft.) = 115 ft.
0 ft. level difference between outdoor and indoor units.

Nominal cooling capacity rating obtained with air entering the indoor unit at 80°F dry bulb (DB) and 67°F wet bulb (WB), and outdoor ambient conditions of 95°F dry bulb (DB) and 75°F wet bulb (WB).

The shaded table columns and rows indicate reference data. When operating at this temperature, these values can be different if the system is not running consistently.

Due to our policy of continuous product innovation, some specifications may change without notification.
©LG Electronics U.S.A., Inc., Englewood Cliffs, NJ. All rights reserved. "LG" is a registered trademark of LG Corp.

PERFORMANCE DATA

Cooling Capacity Tables

Table 139: LMU540HV Cooling Capacity Table — Mixed Indoor Units (continued).

Combination Capacity Index (kBtu/h[%])	Outdoor Air Temp. (°F DB)	Indoor Air Temp. °F DB / °F WB											
		68 / 57		73 / 61		77 / 64		80 / 67		86 / 72		90 / 75	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
Mixed Indoor Units 24 (40%)	14	22.55	0.97	23.95	1.01	25.35	1.04	26.36	1.05	28.15	1.07	29.55	1.10
	20	22.53	0.98	23.93	1.02	25.33	1.06	26.34	1.07	28.13	1.09	29.53	1.11
	25	22.51	1.00	23.91	1.03	25.31	1.07	26.32	1.08	28.10	1.10	29.50	1.13
	30	22.50	1.01	23.89	1.05	25.29	1.09	26.30	1.10	28.08	1.12	29.48	1.14
	35	22.48	1.03	23.87	1.06	25.27	1.10	26.28	1.11	28.06	1.14	29.46	1.16
	40	22.46	1.04	23.86	1.08	25.25	1.12	26.26	1.13	28.04	1.15	29.44	1.17
	45	22.44	1.05	23.84	1.09	25.23	1.13	26.24	1.14	28.02	1.17	29.41	1.19
	50	22.43	1.07	23.82	1.11	25.21	1.15	26.22	1.16	28.00	1.18	29.39	1.21
	55	22.41	1.08	23.80	1.12	25.19	1.16	26.20	1.18	27.98	1.20	29.37	1.22
	60	22.39	1.10	23.78	1.14	25.17	1.18	26.18	1.19	27.95	1.21	29.35	1.24
	65	22.37	1.11	23.76	1.15	25.15	1.19	26.16	1.21	27.93	1.23	29.32	1.25
	70	22.36	1.12	23.75	1.16	25.13	1.21	26.14	1.22	27.91	1.24	29.30	1.27
	75	21.82	1.18	23.20	1.23	24.59	1.27	25.59	1.29	27.36	1.31	28.75	1.34
	80	21.28	1.24	22.66	1.29	24.04	1.34	25.04	1.35	26.81	1.38	28.19	1.41
	85	20.75	1.31	22.13	1.35	23.50	1.40	24.50	1.42	26.26	1.44	27.64	1.47
	90	20.22	1.37	21.59	1.42	22.96	1.47	23.96	1.48	25.71	1.51	27.09	1.54
	95	19.64	1.43	21.00	1.48	22.37	1.53	**23.00**	**1.55**	25.11	1.58	26.48	1.61
	100	19.16	1.49	20.53	1.54	21.89	1.60	22.70	1.62	24.63	1.65	26.00	1.68
	105	18.68	1.55	20.05	1.60	21.42	1.66	22.40	1.68	24.15	1.71	25.52	1.75
	110	18.20	1.61	19.57	1.67	20.94	1.73	21.93	1.75	23.67	1.78	25.04	1.82
	115	17.72	1.67	19.09	1.73	20.46	1.79	21.45	1.81	23.20	1.85	24.56	1.88
	118	17.44	1.71	18.80	1.77	20.17	1.83	21.16	1.85	22.91	1.89	24.28	1.93
	122	17.34	1.75	18.71	1.82	20.08	1.88	21.07	1.91	22.81	1.94	24.18	1.98

TC = Total Capacity (kBtu/h).

PI = Power Input (kW).

Nominal capacity as rated: 0 ft. above sea level with Piping Length as Main Pipe (16.4 ft.) + Branch pipe (98.4 ft.) = 115 ft.
0 ft. level difference between outdoor and indoor units.

Nominal cooling capacity rating obtained with air entering the indoor unit at 80ºF dry bulb (DB) and 67ºF wet bulb (WB), and outdoor ambient conditions of 95ºF dry bulb (DB) and 75ºF wet bulb (WB).

The shaded table columns and rows indicate reference data. When operating at this temperature, these values can be different if the system is not running consistently.

Due to our policy of continuous product innovation, some specifications may change without notification.
©LG Electronics U.S.A., Inc., Englewood Cliffs, NJ. All rights reserved. "LG" is a registered trademark of LG Corp.

PERFORMANCE DATA

Heating Capacity Tables

Table 140: LMU540HV Heating Capacity Table — Non-Ducted Indoor Units.

Combination Capacity Index (kBtu/h[%])	Outdoor Air Temp.		Indoor Air Temp. °F DB											
			61		64		68		70		72		75	
	°F DB	°F WB	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
Non-Ducted Indoor Units 73 (135%)	0	-0.4	28.30	3.71	26.61	3.85	26.64	3.91	26.03	3.94	25.54	3.97	24.45	4.11
	5	4.5	34.08	3.88	32.48	4.02	32.01	4.10	31.33	4.14	30.79	4.18	29.55	4.32
	10	9	37.95	4.03	36.42	4.17	35.61	4.27	34.89	4.33	34.31	4.38	32.96	4.51
	17	15	42.21	4.23	40.74	4.37	39.57	4.50	**38.80**	**4.58**	38.18	4.64	36.71	4.77
	20	19	44.80	4.37	43.37	4.50	41.97	4.66	41.17	4.74	40.52	4.81	38.98	4.94
	25	23	49.10	4.61	47.64	4.74	45.98	4.92	45.11	5.02	44.42	5.10	42.75	5.23
	30	28	53.41	4.86	51.76	5.02	49.98	5.18	49.06	5.29	48.33	5.38	46.55	5.52
	35	32	57.72	5.12	55.88	5.30	53.98	5.44	53.01	5.57	52.23	5.67	50.35	5.81
	40	36	60.66	5.27	58.96	5.45	57.08	5.61	56.09	5.73	55.30	5.82	53.30	5.97
	45	41	64.34	5.46	62.80	5.64	60.95	5.82	59.94	5.92	59.13	6.01	56.98	6.18
	47	43	65.81	5.53	64.34	5.72	62.50	5.90	**61.48**	**6.00**	60.66	6.08	58.46	6.26
	50	46	66.00	5.50	64.67	5.66	63.07	5.83	62.16	5.91	61.43	5.98	59.35	6.15
	55	51	66.33	5.44	65.23	5.57	64.02	5.71	63.29	5.77	62.70	5.82	60.84	5.95
	60	56	66.65	5.38	65.78	5.49	64.97	5.59	64.42	5.63	63.97	5.66	62.33	5.75
	63	59	66.84	5.35	66.11	5.43	65.54	5.51	65.09	5.54	64.73	5.56	63.23	5.63
	68	64	67.04	5.31	66.45	5.38	66.12	5.44	65.78	5.46	65.51	5.47	64.14	5.51
Non-Ducted Indoor Units 70 (130%)	0	-0.4	28.04	3.66	26.37	3.80	26.40	3.85	25.79	3.88	25.31	3.91	24.24	4.05
	5	4.5	33.77	3.82	32.19	3.96	31.73	4.04	31.05	4.08	30.51	4.12	29.28	4.26
	10	9	37.61	3.97	36.09	4.11	35.29	4.21	34.57	4.27	34.00	4.31	32.66	4.45
	17	15	41.84	4.17	40.38	4.30	39.22	4.44	**38.45**	**4.51**	37.83	4.57	36.38	4.70
	20	19	44.39	4.30	42.98	4.43	41.60	4.59	40.80	4.67	40.16	4.74	38.63	4.87
	25	23	48.66	4.54	47.21	4.67	45.57	4.84	44.71	4.94	44.02	5.02	42.36	5.15
	30	28	52.93	4.79	51.29	4.95	49.53	5.10	48.62	5.21	47.90	5.30	46.14	5.44
	35	32	57.21	5.04	55.38	5.22	53.50	5.36	52.54	5.48	51.77	5.58	49.90	5.72
	40	36	60.12	5.19	58.43	5.37	56.57	5.52	55.59	5.64	54.80	5.73	52.82	5.88
	45	41	63.76	5.38	62.24	5.56	60.41	5.73	59.40	5.83	58.60	5.92	56.47	6.09
	47	43	65.22	5.45	63.76	5.63	61.94	5.81	**60.93**	**5.91**	60.12	5.99	57.93	6.17
	50	46	65.41	5.42	64.09	5.58	62.51	5.74	61.60	5.83	60.88	5.89	58.82	6.05
	55	51	65.73	5.36	64.64	5.49	63.45	5.62	62.72	5.68	62.14	5.74	60.30	5.86
	60	56	66.05	5.30	65.19	5.40	64.39	5.50	63.84	5.54	63.40	5.58	61.78	5.66
	63	59	66.24	5.27	65.52	5.35	64.96	5.43	64.51	5.46	64.15	5.48	62.66	5.55
	68	64	66.44	5.23	65.85	5.30	65.52	5.36	65.19	5.38	64.92	5.39	63.56	5.43
Non-Ducted Indoor Units 65 (120%)	0	-0.4	27.62	3.56	25.98	3.69	26.00	3.75	25.41	3.78	24.93	3.80	23.87	3.94
	5	4.5	33.27	3.72	31.71	3.85	31.25	3.93	30.59	3.97	30.06	4.01	28.84	4.14
	10	9	37.05	3.86	35.55	3.99	34.77	4.09	34.06	4.15	33.49	4.19	32.17	4.33
	17	15	41.21	4.06	39.78	4.19	38.63	4.32	**37.87**	**4.39**	37.27	4.44	35.84	4.57
	20	19	43.73	4.19	42.34	4.31	40.97	4.46	40.19	4.55	39.56	4.61	38.05	4.74
	25	23	47.93	4.41	46.51	4.54	44.89	4.71	44.04	4.81	43.36	4.89	41.73	5.01
	30	28	52.14	4.66	50.53	4.81	48.79	4.96	47.90	5.07	47.18	5.16	45.45	5.29
	35	32	56.35	4.91	54.56	5.08	52.70	5.21	51.75	5.34	50.99	5.43	49.15	5.56
	40	36	59.22	5.05	57.56	5.23	55.72	5.37	54.76	5.49	53.99	5.58	52.03	5.72
	45	41	62.81	5.23	61.31	5.41	59.50	5.57	58.52	5.67	57.73	5.76	55.63	5.92
	47	43	64.25	5.30	62.81	5.48	61.02	5.65	**60.02**	**5.75**	59.22	5.83	57.07	6.00
	50	46	64.44	5.27	63.14	5.43	61.57	5.58	60.68	5.67	59.97	5.74	57.94	5.89
	55	51	64.75	5.21	63.68	5.34	62.50	5.47	61.78	5.53	61.21	5.58	59.40	5.70
	60	56	65.07	5.16	64.22	5.26	63.43	5.35	62.89	5.39	62.45	5.43	60.85	5.51
	63	59	65.25	5.12	64.54	5.21	63.98	5.28	63.55	5.31	63.20	5.33	61.73	5.40
	68	64	65.44	5.09	64.87	5.16	64.55	5.22	64.22	5.23	63.95	5.24	62.61	5.28

TC = Total Capacity (kBtu/h).

PI = Power Input (kW).

Nominal Capacity as rated: 0 ft. above sea level with Piping Length as Main Pipe (16.4 ft.) + Branch pipe (98.4 ft.) = 115 ft.

0 ft. level difference between outdoor and indoor units.

Nominal heating capacity rating obtained with air entering the indoor unit at 70ºF dry bulb (DB) and 60ºF wet bulb (WB), and outdoor ambient conditions of 47ºF dry bulb (DB) and 43ºF wet bulb (WB).

Due to our policy of continuous product innovation, some specifications may change without notification.
©LG Electronics U.S.A., Inc., Englewood Cliffs, NJ. All rights reserved. "LG" is a registered trademark of LG Corp.

PERFORMANCE DATA

Heating Capacity Tables

Table 141: LMU540HV Heating Capacity Table — Non-Ducted Indoor Units (continued).

Combination Capacity Index (kBtu/h[%])	Outdoor Air Temp.		Indoor Air Temp. °F DB											
			61		64		68		70		72		75	
	°F DB	°F WB	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
Non-Ducted Indoor Units 59 (110%)	0	-0.4	27.12	3.44	25.50	3.57	25.53	3.62	24.94	3.65	24.47	3.68	23.44	3.81
	5	4.5	32.66	3.59	31.13	3.72	30.68	3.80	30.03	3.84	29.51	3.87	28.32	4.00
	10	9	36.37	3.73	34.90	3.86	34.13	3.96	33.43	4.01	32.88	4.06	31.58	4.18
	17	15	40.46	3.92	39.05	4.05	37.92	4.17	**37.18**	**4.24**	36.59	4.30	35.18	4.42
	20	19	42.93	4.05	41.56	4.17	40.22	4.32	39.45	4.40	38.83	4.46	37.36	4.58
	25	23	47.05	4.27	45.66	4.39	44.07	4.56	43.24	4.65	42.57	4.72	40.97	4.85
	30	28	51.19	4.51	49.60	4.66	47.90	4.80	47.02	4.90	46.32	4.99	44.61	5.11
	35	32	55.32	4.75	53.56	4.92	51.73	5.04	50.80	5.16	50.06	5.25	48.25	5.38
	40	36	58.14	4.88	56.50	5.05	54.70	5.20	53.75	5.31	53.00	5.39	51.08	5.54
	45	41	61.66	5.06	60.19	5.23	58.41	5.39	57.44	5.49	56.67	5.57	54.61	5.73
	47	43	63.07	5.13	61.66	5.30	59.90	5.47	**58.92**	**5.56**	58.14	5.64	56.02	5.80
	50	46	63.26	5.09	61.98	5.25	60.45	5.40	59.57	5.48	58.87	5.55	56.88	5.69
	55	51	63.56	5.04	62.51	5.17	61.36	5.29	60.65	5.35	60.09	5.40	58.31	5.51
	60	56	63.87	4.99	63.04	5.08	62.27	5.18	61.73	5.22	61.31	5.25	59.74	5.33
	63	59	64.06	4.95	63.36	5.03	62.81	5.11	62.38	5.14	62.04	5.16	60.60	5.22
	68	64	64.24	4.92	63.68	4.99	63.36	5.04	63.04	5.06	62.78	5.07	61.47	5.11
Non-Ducted Indoor Units 54 (100%)	0	-0.4	26.69	3.34	25.10	3.47	25.13	3.52	24.55	3.55	24.09	3.57	23.07	3.70
	5	4.5	32.15	3.49	30.64	3.62	30.20	3.69	29.56	3.73	29.05	3.76	27.87	3.89
	10	9	35.80	3.63	34.36	3.75	33.60	3.84	32.91	3.90	32.36	3.94	31.09	4.06
	17	15	39.82	3.81	38.44	3.93	37.33	4.05	**36.60**	**4.12**	36.01	4.17	34.63	4.30
	20	19	42.26	3.93	40.91	4.05	39.60	4.19	38.83	4.27	38.23	4.33	36.77	4.45
	25	23	46.32	4.15	44.94	4.27	43.38	4.43	42.56	4.52	41.90	4.59	40.33	4.71
	30	28	50.39	4.38	48.83	4.52	47.15	4.66	46.28	4.76	45.59	4.85	43.92	4.97
	35	32	54.45	4.61	52.72	4.77	50.93	4.90	50.01	5.01	49.28	5.10	47.50	5.23
	40	36	57.23	4.74	55.62	4.91	53.85	5.05	52.92	5.15	52.17	5.24	50.28	5.38
	45	41	60.70	4.91	59.25	5.08	57.50	5.23	56.55	5.33	55.78	5.41	53.76	5.56
	47	43	62.09	4.98	60.70	5.14	58.96	5.31	**58.00**	**5.40**	57.23	5.47	55.15	5.64
	50	46	62.27	4.95	61.01	5.10	59.50	5.24	58.64	5.32	57.95	5.39	55.99	5.53
	55	51	62.57	4.90	61.53	5.02	60.40	5.14	59.70	5.19	59.15	5.24	57.40	5.35
	60	56	62.88	4.84	62.06	4.94	61.29	5.03	60.77	5.07	60.35	5.10	58.81	5.17
	63	59	63.06	4.81	62.37	4.89	61.83	4.96	61.41	4.99	61.07	5.01	59.65	5.07
	68	64	63.24	4.78	62.69	4.84	62.37	4.90	62.05	4.91	61.80	4.92	60.51	4.96
Non-Ducted Indoor Units 49 (90%)	0	-0.4	24.22	3.01	22.78	3.12	22.80	3.17	22.28	3.19	21.86	3.21	20.93	3.33
	5	4.5	29.17	3.14	27.81	3.25	27.40	3.32	26.82	3.36	26.36	3.39	25.29	3.50
	10	9	32.49	3.26	31.17	3.38	30.49	3.46	29.87	3.51	29.37	3.55	28.21	3.66
	17	15	36.14	3.43	34.88	3.54	33.88	3.65	**33.21**	**3.71**	32.68	3.76	31.42	3.87
	20	19	38.35	3.54	37.12	3.65	35.93	3.77	35.24	3.84	34.69	3.90	33.37	4.01
	25	23	42.03	3.73	40.78	3.84	39.36	3.98	38.62	4.06	38.02	4.13	36.59	4.24
	30	28	45.72	3.94	44.31	4.07	42.78	4.19	42.00	4.29	41.37	4.36	39.85	4.47
	35	32	49.41	4.15	47.84	4.30	46.21	4.41	45.38	4.51	44.72	4.59	43.10	4.70
	40	36	51.93	4.27	50.47	4.42	48.86	4.54	48.02	4.64	47.34	4.71	45.62	4.84
	45	41	55.08	4.42	53.76	4.57	52.18	4.71	51.31	4.80	50.62	4.87	48.78	5.01
	47	43	56.34	4.48	55.08	4.63	53.50	4.78	**52.63**	**4.86**	51.93	4.93	50.04	5.07
	50	46	56.50	4.45	55.36	4.59	53.99	4.72	53.21	4.79	52.58	4.85	50.81	4.98
	55	51	56.78	4.41	55.84	4.51	54.81	4.62	54.18	4.67	53.67	4.72	52.08	4.82
	60	56	57.05	4.36	56.31	4.44	55.62	4.52	55.14	4.56	54.76	4.59	53.36	4.66
	63	59	57.22	4.33	56.60	4.40	56.11	4.47	55.72	4.49	55.42	4.51	54.13	4.56
	68	64	57.39	4.30	56.88	4.36	56.60	4.41	56.31	4.42	56.08	4.43	54.90	4.47

TC = Total Capacity (kBtu/h).

PI = Power Input (kW).

Nominal Capacity as rated: 0 ft. above sea level with Piping Length as Main Pipe (16.4 ft.) + Branch pipe (98.4 ft.) = 115 ft.

0 ft. level difference between outdoor and indoor units.

Nominal heating capacity rating obtained with air entering the indoor unit at 70ºF dry bulb (DB) and 60ºF wet bulb (WB), and outdoor ambient conditions of 47ºF dry bulb (DB) and 43ºF wet bulb (WB).

Due to our policy of continuous product innovation, some specifications may change without notification.
©LG Electronics U.S.A., Inc., Englewood Cliffs, NJ. All rights reserved. "LG" is a registered trademark of LG Corp.

PERFORMANCE DATA

Heating Capacity Tables

Table 142: LMU540HV Heating Capacity Table — Non-Ducted Indoor Units (continued).

Combination Capacity Index (kBtu/h[%])	Outdoor Air Temp.		Indoor Air Temp. °F DB											
			61		64		68		70		72		75	
	°F DB	°F WB	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
Non-Ducted Indoor Units 43 (80%)	0	-0.4	21.26	2.60	19.99	2.70	20.01	2.74	19.55	2.77	19.19	2.78	18.37	2.88
	5	4.5	25.60	2.72	24.40	2.82	24.05	2.88	23.54	2.91	23.13	2.93	22.20	3.03
	10	9	28.51	2.83	27.36	2.92	26.76	3.00	26.21	3.04	25.77	3.07	24.76	3.17
	17	15	31.71	2.97	30.61	3.06	29.73	3.16	**29.15**	**3.21**	28.68	3.25	27.58	3.35
	20	19	33.65	3.06	32.58	3.16	31.53	3.27	30.93	3.33	30.44	3.38	29.29	3.47
	25	23	36.89	3.23	35.79	3.33	34.55	3.45	33.89	3.52	33.37	3.58	32.11	3.67
	30	28	40.13	3.41	38.89	3.53	37.55	3.63	36.86	3.71	36.31	3.78	34.97	3.87
	35	32	43.37	3.59	41.99	3.72	40.56	3.82	39.83	3.91	39.24	3.98	37.83	4.07
	40	36	45.58	3.70	44.30	3.83	42.88	3.93	42.14	4.02	41.55	4.08	40.04	4.19
	45	41	48.34	3.83	47.18	3.96	45.79	4.08	45.03	4.15	44.42	4.21	42.81	4.34
	47	43	49.44	3.88	48.34	4.01	46.96	4.14	**46.19**	**4.21**	45.58	4.27	43.92	4.40
	50	46	49.59	3.86	48.59	3.97	47.39	4.09	46.70	4.15	46.15	4.20	44.59	4.31
	55	51	49.83	3.82	49.00	3.91	48.10	4.00	47.55	4.05	47.11	4.09	45.71	4.17
	60	56	50.07	3.78	49.42	3.85	48.81	3.92	48.40	3.95	48.06	3.97	46.83	4.03
	63	59	50.22	3.75	49.67	3.81	49.24	3.87	48.90	3.89	48.63	3.90	47.50	3.95
	68	64	50.36	3.73	49.92	3.77	49.67	3.82	49.42	3.83	49.21	3.84	48.19	3.87
Non-Ducted Indoor Units 38 (70%)	0	-0.4	18.79	2.27	17.67	2.36	17.69	2.39	17.28	2.41	16.96	2.43	16.24	2.51
	5	4.5	22.63	2.37	21.57	2.46	21.25	2.51	20.80	2.54	20.44	2.56	19.62	2.64
	10	9	25.20	2.46	24.18	2.55	23.64	2.61	23.16	2.65	22.78	2.68	21.88	2.76
	17	15	28.03	2.59	27.05	2.67	26.27	2.75	**25.76**	**2.80**	25.35	2.84	24.37	2.92
	20	19	29.74	2.67	28.79	2.75	27.87	2.85	27.33	2.90	26.90	2.94	25.88	3.02
	25	23	32.60	2.82	31.63	2.90	30.53	3.01	29.95	3.07	29.49	3.12	28.38	3.20
	30	28	35.46	2.98	34.36	3.07	33.18	3.17	32.58	3.24	32.09	3.29	30.91	3.38
	35	32	38.32	3.13	37.10	3.24	35.84	3.33	35.20	3.41	34.68	3.47	33.43	3.55
	40	36	40.28	3.22	39.15	3.34	37.90	3.43	37.24	3.50	36.72	3.56	35.39	3.65
	45	41	42.72	3.34	41.70	3.45	40.47	3.56	39.80	3.62	39.26	3.67	37.83	3.78
	47	43	43.70	3.38	42.72	3.50	41.50	3.61	**40.82**	**3.67**	40.28	3.72	38.81	3.83
	50	46	43.82	3.36	42.94	3.46	41.88	3.56	41.27	3.62	40.78	3.66	39.41	3.76
	55	51	44.04	3.33	43.31	3.41	42.51	3.49	42.02	3.53	41.63	3.56	40.40	3.64
	60	56	44.25	3.29	43.68	3.36	43.14	3.42	42.77	3.44	42.47	3.46	41.39	3.52
	63	59	44.38	3.27	43.90	3.32	43.52	3.37	43.22	3.39	42.98	3.40	41.98	3.44
	68	64	44.51	3.25	44.12	3.29	43.90	3.33	43.67	3.34	43.49	3.35	42.58	3.37
Non-Ducted Indoor Units 32 (60%)	0	-0.4	15.82	1.87	14.87	1.94	14.89	1.97	14.55	1.98	14.28	2.00	13.67	2.07
	5	4.5	19.05	1.95	18.16	2.02	17.90	2.06	17.52	2.09	17.21	2.10	16.52	2.18
	10	9	21.22	2.03	20.36	2.10	19.91	2.15	19.50	2.18	19.18	2.20	18.42	2.27
	17	15	23.60	2.13	22.78	2.20	22.12	2.27	**21.69**	**2.30**	21.34	2.33	20.52	2.40
	20	19	25.04	2.20	24.24	2.27	23.46	2.34	23.01	2.39	22.65	2.42	21.79	2.49
	25	23	27.45	2.32	26.63	2.39	25.71	2.48	25.22	2.53	24.83	2.57	23.90	2.63
	30	28	29.86	2.45	28.93	2.53	27.94	2.61	27.43	2.66	27.02	2.71	26.02	2.78
	35	32	32.27	2.58	31.24	2.67	30.18	2.74	29.64	2.80	29.20	2.85	28.15	2.92
	40	36	33.91	2.65	32.96	2.74	31.91	2.82	31.36	2.88	30.91	2.93	29.79	3.01
	45	41	35.97	2.75	35.11	2.84	34.07	2.93	33.51	2.98	33.06	3.02	31.86	3.11
	47	43	36.79	2.78	35.97	2.88	34.94	2.97	**34.37**	**3.02**	33.91	3.06	32.68	3.15
	50	46	36.90	2.77	36.15	2.85	35.26	2.93	34.75	2.98	34.34	3.01	33.18	3.09
	55	51	37.08	2.74	36.46	2.81	35.79	2.87	35.38	2.90	35.05	2.93	34.01	2.99
	60	56	37.26	2.71	36.77	2.76	36.32	2.81	36.01	2.83	35.76	2.85	34.85	2.89
	63	59	37.37	2.69	36.96	2.73	36.64	2.78	36.39	2.79	36.19	2.80	35.35	2.83
	68	64	37.48	2.67	37.15	2.71	36.96	2.74	36.77	2.75	36.62	2.75	35.86	2.78

TC = Total Capacity (kBtu/h).

PI = Power Input (kW).

Nominal Capacity as rated: 0 ft. above sea level with Piping Length as Main Pipe (16.4 ft.) + Branch pipe (98.4 ft.) = 115 ft.

0 ft. level difference between outdoor and indoor units.

Nominal heating capacity rating obtained with air entering the indoor unit at 70°F dry bulb (DB) and 60°F wet bulb (WB), and outdoor ambient conditions of 47°F dry bulb (DB) and 43°F wet bulb (WB).

Due to our policy of continuous product innovation, some specifications may change without notification.
©LG Electronics U.S.A., Inc., Englewood Cliffs, NJ. All rights reserved. "LG" is a registered trademark of LG Corp.

PERFORMANCE DATA

Heating Capacity Tables

Table 143: LMU540HV Heating Capacity Table — Non-Ducted (continued) / Ducted Indoor Units.

Combination Capacity Index (kBtu/h[%])	Outdoor Air Temp.		Indoor Air Temp. °F DB											
			61		64		68		70		72		75	
	°F DB	°F WB	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
Non-Ducted Indoor Units 27 (50%)	0	-0.4	13.35	1.53	12.55	1.59	12.56	1.62	12.28	1.63	12.05	1.64	11.53	1.70
	5	4.5	16.08	1.60	15.32	1.66	15.10	1.69	14.78	1.71	14.52	1.73	13.94	1.79
	10	9	17.90	1.67	17.18	1.72	16.80	1.77	16.46	1.79	16.18	1.81	15.55	1.87
	17	15	19.91	1.75	19.22	1.81	18.67	1.86	**18.30**	**1.89**	18.01	1.92	17.31	1.97
	20	19	21.13	1.81	20.46	1.86	19.80	1.92	19.42	1.96	19.11	1.99	18.39	2.04
	25	23	23.16	1.90	22.47	1.96	21.69	2.03	21.28	2.07	20.95	2.11	20.16	2.16
	30	28	25.19	2.01	24.41	2.08	23.58	2.14	23.14	2.19	22.80	2.23	21.96	2.28
	35	32	27.23	2.12	26.36	2.19	25.46	2.25	25.00	2.30	24.64	2.34	23.75	2.40
	40	36	28.61	2.18	27.81	2.25	26.92	2.32	26.46	2.37	26.08	2.41	25.14	2.47
	45	41	30.35	2.26	29.62	2.33	28.75	2.40	28.27	2.45	27.89	2.48	26.88	2.55
	47	43	31.04	2.29	30.35	2.36	29.48	2.44	**29.00**	**2.48**	28.61	2.51	27.57	2.59
	50	46	31.13	2.27	30.51	2.34	29.75	2.41	29.32	2.44	28.97	2.47	28.00	2.54
	55	51	31.29	2.25	30.77	2.30	30.20	2.36	29.85	2.39	29.57	2.41	28.70	2.46
	60	56	31.44	2.22	31.03	2.27	30.65	2.31	30.38	2.33	30.17	2.34	29.40	2.38
	63	59	31.53	2.21	31.19	2.25	30.92	2.28	30.70	2.29	30.53	2.30	29.83	2.33
	68	64	31.62	2.20	31.34	2.22	31.19	2.25	31.03	2.26	30.90	2.26	30.25	2.28
Non-Ducted Indoor Units 24 (40%)	0	-0.4	11.87	1.34	11.16	1.39	11.17	1.41	10.91	1.42	10.71	1.43	10.25	1.48
	5	4.5	14.29	1.40	13.62	1.45	13.42	1.48	13.14	1.49	12.91	1.51	12.39	1.56
	10	9	15.91	1.45	15.27	1.50	14.93	1.54	14.63	1.56	14.39	1.58	13.82	1.63
	17	15	17.70	1.52	17.09	1.57	16.59	1.62	**16.27**	**1.65**	16.01	1.67	15.39	1.72
	20	19	18.78	1.57	18.19	1.62	17.60	1.68	17.26	1.71	16.99	1.73	16.35	1.78
	25	23	20.59	1.66	19.98	1.71	19.28	1.77	18.92	1.81	18.63	1.84	17.92	1.88
	30	28	22.40	1.75	21.70	1.81	20.96	1.86	20.57	1.91	20.27	1.94	19.52	1.99
	35	32	24.20	1.84	23.43	1.91	22.64	1.96	22.23	2.00	21.90	2.04	21.11	2.09
	40	36	25.44	1.90	24.72	1.96	23.93	2.02	23.52	2.06	23.19	2.09	22.35	2.15
	45	41	26.98	1.96	26.33	2.03	25.56	2.09	25.13	2.13	24.79	2.16	23.89	2.23
	47	43	27.60	1.99	26.98	2.06	26.21	2.12	**25.78**	**2.16**	25.44	2.19	24.51	2.26
	50	46	27.68	1.98	27.12	2.04	26.45	2.10	26.06	2.13	25.76	2.15	24.89	2.21
	55	51	27.81	1.96	27.35	2.01	26.85	2.05	26.54	2.08	26.29	2.10	25.51	2.14
	60	56	27.95	1.94	27.58	1.97	27.24	2.01	27.01	2.03	26.82	2.04	26.14	2.07
	63	59	28.03	1.92	27.72	1.96	27.48	1.99	27.29	2.00	27.14	2.00	26.51	2.03
	68	64	28.11	1.91	27.86	1.94	27.72	1.96	27.58	1.96	27.47	1.97	26.89	1.99
Ducted Indoor Units 73 (135%)	0	-0.4	32.46	3.83	30.59	3.98	30.54	4.04	29.85	4.07	29.30	4.10	28.06	4.24
	5	4.5	37.42	3.98	35.69	4.13	35.15	4.21	34.40	4.26	33.81	4.29	32.45	4.44
	10	9	40.75	4.12	39.10	4.26	38.23	4.37	37.45	4.43	36.83	4.48	35.38	4.62
	17	15	44.40	4.30	42.86	4.44	41.63	4.58	**40.81**	**4.66**	40.16	4.72	38.61	4.85
	20	19	46.62	4.43	45.14	4.56	43.68	4.72	42.84	4.81	42.17	4.88	40.57	5.01
	25	23	50.31	4.65	48.82	4.78	47.12	4.96	46.23	5.06	45.52	5.14	43.81	5.28
	30	28	54.02	4.88	52.35	5.04	50.55	5.20	49.62	5.31	48.88	5.41	47.08	5.54
	35	32	57.72	5.12	55.88	5.30	53.98	5.44	53.01	5.57	52.23	5.67	50.35	5.81
	40	36	60.66	5.27	58.96	5.45	57.08	5.61	56.09	5.73	55.30	5.82	53.30	5.97
	45	41	64.34	5.46	62.80	5.64	60.95	5.82	59.94	5.92	59.13	6.01	56.98	6.18
	47	43	65.81	5.53	64.34	5.72	62.50	5.90	**61.48**	**6.00**	60.66	6.08	58.46	6.26
	50	46	66.00	5.50	64.67	5.66	63.07	5.83	62.16	5.91	61.43	5.98	59.35	6.15
	55	51	66.33	5.44	65.23	5.57	64.02	5.71	63.29	5.77	62.70	5.82	60.84	5.95
	60	56	66.65	5.38	65.78	5.49	64.97	5.59	64.42	5.63	63.97	5.66	62.33	5.75
	63	59	66.84	5.35	66.11	5.43	65.54	5.51	65.09	5.54	64.73	5.56	63.23	5.63
	68	64	67.04	5.31	66.45	5.38	66.12	5.44	65.78	5.46	65.51	5.47	64.14	5.51

TC = Total Capacity (kBtu/h).

PI = Power Input (kW).

Nominal Capacity as rated: 0 ft. above sea level with Piping Length as Main Pipe (16.4 ft.) + Branch pipe (98.4 ft.) = 115 ft.

0 ft. level difference between outdoor and indoor units.

Nominal heating capacity rating obtained with air entering the indoor unit at 70°F dry bulb (DB) and 60°F wet bulb (WB), and outdoor ambient conditions of 47°F dry bulb (DB) and 43°F wet bulb (WB).

Due to our policy of continuous product innovation, some specifications may change without notification.
©LG Electronics U.S.A., Inc., Englewood Cliffs, NJ. All rights reserved. "LG" is a registered trademark of LG Corp.

PERFORMANCE DATA

Heating Capacity Tables

Table 144: LMU540HV Heating Capacity Table — Ducted Indoor Units (continued).

Combination Capacity Index (kBtu/h[%])	Outdoor Air Temp.		Indoor Air Temp. °F DB											
			61		64		68		70		72		75	
	°F DB	°F WB	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
Ducted Indoor Units 70 (130%)	0	-0.4	32.16	3.79	30.32	3.94	30.27	4.00	29.58	4.03	29.04	4.06	27.81	4.20
	5	4.5	37.09	3.94	35.37	4.08	34.83	4.17	34.10	4.21	33.51	4.25	32.16	4.39
	10	9	40.38	4.08	38.75	4.22	37.89	4.32	37.12	4.38	36.50	4.43	35.07	4.57
	17	15	44.01	4.26	42.48	4.40	41.25	4.53	**40.44**	**4.61**	39.80	4.67	38.27	4.81
	20	19	46.20	4.38	44.73	4.52	43.29	4.67	42.46	4.76	41.79	4.83	40.21	4.96
	25	23	49.86	4.60	48.39	4.73	46.70	4.91	45.82	5.01	45.11	5.09	43.41	5.22
	30	28	53.54	4.83	51.88	4.99	50.10	5.15	49.18	5.26	48.44	5.35	46.66	5.49
	35	32	57.21	5.07	55.38	5.25	53.50	5.39	52.54	5.51	51.77	5.61	49.90	5.75
	40	36	60.12	5.22	58.43	5.40	56.57	5.55	55.59	5.67	54.80	5.76	52.82	5.91
	45	41	63.76	5.40	62.24	5.58	60.41	5.76	59.40	5.86	58.60	5.95	56.47	6.12
	47	43	65.22	5.48	63.76	5.66	61.94	5.84	**60.93**	**5.94**	60.12	6.02	57.93	6.20
	50	46	65.41	5.44	64.09	5.61	62.51	5.77	61.60	5.86	60.88	5.92	58.82	6.08
	55	51	65.73	5.39	64.64	5.52	63.45	5.65	62.72	5.71	62.14	5.76	60.30	5.89
	60	56	66.05	5.33	65.19	5.43	64.39	5.53	63.84	5.57	63.40	5.60	61.78	5.69
	63	59	66.24	5.29	65.52	5.38	64.96	5.46	64.51	5.49	64.15	5.51	62.66	5.57
	68	64	66.44	5.26	65.85	5.33	65.52	5.39	65.19	5.40	64.92	5.41	63.56	5.46
Ducted Indoor Units 65 (120%)	0	-0.4	31.68	3.72	29.87	3.87	29.82	3.92	29.14	3.96	28.60	3.98	27.40	4.12
	5	4.5	36.53	3.87	34.84	4.01	34.31	4.09	33.59	4.14	33.01	4.17	31.68	4.31
	10	9	39.78	4.00	38.18	4.14	37.32	4.24	36.57	4.30	35.96	4.35	34.54	4.49
	17	15	43.35	4.18	41.84	4.32	40.64	4.45	**39.84**	**4.52**	39.20	4.58	37.70	4.72
	20	19	45.51	4.30	44.06	4.43	42.65	4.59	41.83	4.67	41.17	4.74	39.61	4.87
	25	23	49.12	4.51	47.66	4.65	46.00	4.82	45.13	4.92	44.44	5.00	42.77	5.13
	30	28	52.74	4.75	51.10	4.90	49.35	5.05	48.44	5.16	47.72	5.25	45.96	5.38
	35	32	56.35	4.98	54.56	5.15	52.70	5.29	51.75	5.41	50.99	5.51	49.15	5.64
	40	36	59.22	5.12	57.56	5.30	55.72	5.45	54.76	5.56	53.99	5.65	52.03	5.80
	45	41	62.81	5.30	61.31	5.48	59.50	5.65	58.52	5.75	57.73	5.84	55.63	6.01
	47	43	64.25	5.38	62.81	5.55	61.02	5.73	**60.02**	**5.83**	59.22	5.91	57.07	6.09
	50	46	64.44	5.34	63.14	5.50	61.57	5.66	60.68	5.75	59.97	5.81	57.94	5.97
	55	51	64.75	5.29	63.68	5.42	62.50	5.54	61.78	5.61	61.21	5.66	59.40	5.78
	60	56	65.07	5.23	64.22	5.33	63.43	5.43	62.89	5.47	62.45	5.50	60.85	5.59
	63	59	65.25	5.20	64.54	5.28	63.98	5.36	63.55	5.39	63.20	5.41	61.73	5.47
	68	64	65.44	5.16	64.87	5.23	64.55	5.29	64.22	5.30	63.95	5.31	62.61	5.36
Ducted Indoor Units 59 (110%)	0	-0.4	31.10	3.63	29.32	3.77	29.27	3.83	28.61	3.86	28.08	3.89	26.90	4.03
	5	4.5	35.86	3.78	34.20	3.91	33.68	3.99	32.97	4.04	32.40	4.07	31.10	4.21
	10	9	39.05	3.91	37.48	4.04	36.64	4.14	35.90	4.20	35.30	4.24	33.91	4.38
	17	15	42.56	4.08	41.08	4.21	39.89	4.34	**39.11**	**4.42**	38.48	4.47	37.00	4.60
	20	19	44.68	4.20	43.26	4.33	41.86	4.48	41.06	4.56	40.42	4.63	38.88	4.75
	25	23	48.22	4.41	46.79	4.53	45.16	4.70	44.31	4.80	43.62	4.88	41.98	5.00
	30	28	51.77	4.63	50.17	4.78	48.44	4.93	47.56	5.04	46.84	5.13	45.12	5.26
	35	32	55.32	4.86	53.56	5.03	51.73	5.16	50.80	5.28	50.06	5.38	48.25	5.51
	40	36	58.14	5.00	56.50	5.17	54.70	5.32	53.75	5.43	53.00	5.52	51.08	5.66
	45	41	61.66	5.18	60.19	5.35	58.41	5.51	57.44	5.62	56.67	5.70	54.61	5.86
	47	43	63.07	5.25	61.66	5.42	59.90	5.59	**58.92**	**5.69**	58.14	5.77	56.02	5.94
	50	46	63.26	5.21	61.98	5.37	60.45	5.53	59.57	5.61	58.87	5.68	56.88	5.83
	55	51	63.56	5.16	62.51	5.29	61.36	5.41	60.65	5.47	60.09	5.52	58.31	5.64
	60	56	63.87	5.10	63.04	5.20	62.27	5.30	61.73	5.34	61.31	5.37	59.74	5.45
	63	59	64.06	5.07	63.36	5.15	62.81	5.23	62.38	5.26	62.04	5.28	60.60	5.34
	68	64	64.24	5.04	63.68	5.10	63.36	5.16	63.04	5.18	62.78	5.19	61.47	5.23

TC = Total Capacity (kBtu/h).

PI = Power Input (kW).

Nominal Capacity as rated: 0 ft. above sea level with Piping Length as Main Pipe (16.4 ft.) + Branch pipe (98.4 ft.) = 115 ft.

0 ft. level difference between outdoor and indoor units.

Nominal heating capacity rating obtained with air entering the indoor unit at 70ºF dry bulb (DB) and 60ºF wet bulb (WB), and outdoor ambient conditions of 47ºF dry bulb (DB) and 43ºF wet bulb (WB).

Due to our policy of continuous product innovation, some specifications may change without notification.
©LG Electronics U.S.A., Inc., Englewood Cliffs, NJ. All rights reserved. "LG" is a registered trademark of LG Corp.

PERFORMANCE DATA

Heating Capacity Tables

Table 145: LMU540HV Heating Capacity Table — Ducted Indoor Units (continued).

Combination Capacity Index (kBtu/h[%])	Outdoor Air Temp.		Indoor Air Temp. °F DB											
			61		64		68		70		72		75	
	°F DB	°F WB	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
Ducted Indoor Units 54 (100%)	0	-0.4	30.62	3.56	28.86	3.70	28.81	3.75	28.16	3.79	27.64	3.81	26.48	3.95
	5	4.5	35.30	3.70	33.67	3.84	33.16	3.92	32.46	3.96	31.90	3.99	30.61	4.13
	10	9	38.44	3.83	36.89	3.96	36.07	4.06	35.33	4.12	34.75	4.16	33.38	4.29
	17	15	41.89	4.00	40.43	4.13	39.27	4.26	**38.50**	**4.33**	37.88	4.39	36.43	4.51
	20	19	43.98	4.12	42.58	4.24	41.21	4.39	40.42	4.47	39.78	4.54	38.27	4.66
	25	23	47.47	4.32	46.06	4.45	44.46	4.61	43.62	4.71	42.94	4.78	41.33	4.91
	30	28	50.96	4.54	49.38	4.69	47.69	4.84	46.81	4.94	46.11	5.03	44.42	5.15
	35	32	54.45	4.76	52.72	4.93	50.93	5.06	50.01	5.18	49.28	5.27	47.50	5.40
	40	36	57.23	4.90	55.62	5.07	53.85	5.21	52.92	5.32	52.17	5.41	50.28	5.56
	45	41	60.70	5.08	59.25	5.25	57.50	5.41	56.55	5.51	55.78	5.59	53.76	5.75
	47	43	62.09	5.15	60.70	5.32	58.96	5.49	**58.00**	**5.58**	57.23	5.66	55.15	5.83
	50	46	62.27	5.11	61.01	5.27	59.50	5.42	58.64	5.50	57.95	5.57	55.99	5.72
	55	51	62.57	5.06	61.53	5.18	60.40	5.31	59.70	5.37	59.15	5.42	57.40	5.53
	60	56	62.88	5.00	62.06	5.10	61.29	5.20	60.77	5.23	60.35	5.27	58.81	5.35
	63	59	63.06	4.97	62.37	5.05	61.83	5.13	61.41	5.15	61.07	5.18	59.65	5.24
	68	64	63.24	4.94	62.69	5.00	62.37	5.06	62.05	5.08	61.80	5.09	60.51	5.13
Ducted Indoor Units 49 (90%)	0	-0.4	27.78	3.22	26.19	3.34	26.14	3.39	25.55	3.42	25.08	3.44	24.02	3.57
	5	4.5	32.03	3.34	30.55	3.47	30.09	3.54	29.45	3.58	28.94	3.61	27.78	3.73
	10	9	34.88	3.46	33.48	3.58	32.73	3.67	32.06	3.72	31.53	3.76	30.29	3.88
	17	15	38.01	3.62	36.69	3.73	35.63	3.85	**34.94**	**3.91**	34.38	3.96	33.05	4.08
	20	19	39.91	3.72	38.64	3.83	37.39	3.97	36.68	4.04	36.10	4.10	34.73	4.21
	25	23	43.07	3.90	41.79	4.02	40.34	4.17	39.58	4.25	38.97	4.32	37.50	4.43
	30	28	46.24	4.10	44.81	4.24	43.27	4.37	42.48	4.46	41.84	4.54	40.31	4.66
	35	32	49.41	4.30	47.84	4.46	46.21	4.57	45.38	4.68	44.72	4.76	43.10	4.88
	40	36	51.93	4.43	50.47	4.58	48.86	4.71	48.02	4.81	47.34	4.89	45.62	5.02
	45	41	55.08	4.58	53.76	4.74	52.18	4.88	51.31	4.97	50.62	5.05	48.78	5.19
	47	43	56.34	4.65	55.08	4.80	53.50	4.95	**52.63**	**5.04**	51.93	5.11	50.04	5.26
	50	46	56.50	4.62	55.36	4.76	53.99	4.89	53.21	4.97	52.58	5.03	50.81	5.16
	55	51	56.78	4.57	55.84	4.68	54.81	4.79	54.18	4.85	53.67	4.89	52.08	5.00
	60	56	57.05	4.52	56.31	4.61	55.62	4.69	55.14	4.73	54.76	4.76	53.36	4.83
	63	59	57.22	4.49	56.60	4.56	56.11	4.63	55.72	4.66	55.42	4.67	54.13	4.73
	68	64	57.39	4.46	56.88	4.52	56.60	4.57	56.31	4.58	56.08	4.59	54.90	4.63
Ducted Indoor Units 43 (80%)	0	-0.4	24.38	2.80	22.98	2.90	22.95	2.95	22.43	2.97	22.01	2.99	21.08	3.10
	5	4.5	28.11	2.91	26.81	3.01	26.41	3.07	25.85	3.11	25.40	3.13	24.38	3.24
	10	9	30.61	3.01	29.38	3.11	28.72	3.19	28.14	3.23	27.67	3.27	26.58	3.37
	17	15	33.36	3.14	32.20	3.24	31.27	3.34	**30.66**	**3.40**	30.17	3.44	29.01	3.54
	20	19	35.03	3.23	33.91	3.33	32.82	3.45	32.19	3.51	31.68	3.56	30.48	3.66
	25	23	37.80	3.39	36.68	3.49	35.40	3.62	34.73	3.69	34.20	3.75	32.91	3.85
	30	28	40.58	3.57	39.33	3.68	37.98	3.80	37.28	3.88	36.72	3.95	35.37	4.05
	35	32	43.37	3.74	41.99	3.87	40.56	3.97	39.83	4.06	39.24	4.14	37.83	4.24
	40	36	45.58	3.85	44.30	3.98	42.88	4.09	42.14	4.18	41.55	4.25	40.04	4.36
	45	41	48.34	3.98	47.18	4.12	45.79	4.25	45.03	4.32	44.42	4.38	42.81	4.51
	47	43	49.44	4.04	48.34	4.17	46.96	4.31	**46.19**	**4.38**	45.58	4.44	43.92	4.57
	50	46	49.59	4.01	48.59	4.13	47.39	4.25	46.70	4.32	46.15	4.37	44.59	4.49
	55	51	49.83	3.97	49.00	4.07	48.10	4.17	47.55	4.21	47.11	4.25	45.71	4.34
	60	56	50.07	3.93	49.42	4.00	48.81	4.08	48.40	4.11	48.06	4.13	46.83	4.20
	63	59	50.22	3.90	49.67	3.97	49.24	4.03	48.90	4.05	48.63	4.06	47.50	4.11
	68	64	50.36	3.88	49.92	3.93	49.67	3.97	49.42	3.98	49.21	3.99	48.19	4.03

TC = Total Capacity (kBtu/h).

PI = Power Input (kW).

Nominal Capacity as rated: 0 ft. above sea level with Piping Length as Main Pipe (16.4 ft.) + Branch pipe (98.4 ft.) = 115 ft.

0 ft. level difference between outdoor and indoor units.

Nominal heating capacity rating obtained with air entering the indoor unit at 70°F dry bulb (DB) and 60°F wet bulb (WB), and outdoor ambient conditions of 47°F dry bulb (DB) and 43°F wet bulb (WB).

Due to our policy of continuous product innovation, some specifications may change without notification.
©LG Electronics U.S.A., Inc., Englewood Cliffs, NJ. All rights reserved. "LG" is a registered trademark of LG Corp.

PERFORMANCE DATA

Heating Capacity Tables

Table 146: LMU540HV Heating Capacity Table — Ducted Indoor Units (continued).

Combination Capacity Index (kBtu/h[%])	Outdoor Air Temp.		Indoor Air Temp. °F DB											
			61		64		68		70		72		75	
	°F DB	°F WB	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
Ducted Indoor Units 38 (70%)	0	-0.4	21.55	2.45	20.31	2.55	20.28	2.58	19.82	2.61	19.45	2.62	18.63	2.72
	5	4.5	24.85	2.55	23.70	2.64	23.34	2.69	22.84	2.72	22.45	2.75	21.54	2.84
	10	9	27.05	2.64	25.96	2.73	25.38	2.80	24.87	2.83	24.46	2.86	23.49	2.95
	17	15	29.48	2.76	28.46	2.84	27.64	2.93	**27.10**	**2.98**	26.66	3.02	25.64	3.11
	20	19	30.95	2.83	29.97	2.92	29.00	3.02	28.45	3.08	28.00	3.12	26.94	3.21
	25	23	33.41	2.97	32.42	3.06	31.29	3.18	30.70	3.24	30.22	3.29	29.09	3.38
	30	28	35.87	3.13	34.76	3.23	33.56	3.33	32.95	3.40	32.45	3.46	31.26	3.55
	35	32	38.32	3.28	37.10	3.39	35.84	3.48	35.20	3.56	34.68	3.63	33.43	3.72
	40	36	40.28	3.37	39.15	3.49	37.90	3.59	37.24	3.66	36.72	3.72	35.39	3.82
	45	41	42.72	3.49	41.70	3.61	40.47	3.72	39.80	3.79	39.26	3.84	37.83	3.96
	47	43	43.70	3.54	42.72	3.66	41.50	3.77	**40.82**	**3.84**	40.28	3.89	38.81	4.01
	50	46	43.82	3.52	42.94	3.62	41.88	3.73	41.27	3.79	40.78	3.83	39.41	3.93
	55	51	44.04	3.48	43.31	3.57	42.51	3.65	42.02	3.69	41.63	3.73	40.40	3.81
	60	56	44.25	3.44	43.68	3.51	43.14	3.58	42.77	3.60	42.47	3.62	41.39	3.68
	63	59	44.38	3.42	43.90	3.48	43.52	3.53	43.22	3.55	42.98	3.56	41.98	3.60
	68	64	44.51	3.40	44.12	3.44	43.90	3.48	43.67	3.49	43.49	3.50	42.58	3.53
Ducted Indoor Units 32 (60%)	0	-0.4	18.14	2.03	17.10	2.11	17.07	2.14	16.69	2.16	16.38	2.17	15.69	2.25
	5	4.5	20.92	2.11	19.95	2.19	19.65	2.23	19.23	2.26	18.90	2.28	18.14	2.35
	10	9	22.78	2.18	21.86	2.26	21.37	2.32	20.94	2.35	20.59	2.37	19.78	2.45
	17	15	24.82	2.28	23.96	2.35	23.27	2.43	**22.81**	**2.47**	22.45	2.50	21.59	2.57
	20	19	26.06	2.35	25.23	2.42	24.42	2.50	23.95	2.55	23.58	2.59	22.68	2.66
	25	23	28.13	2.46	27.29	2.53	26.34	2.63	25.85	2.68	25.45	2.73	24.49	2.80
	30	28	30.20	2.59	29.26	2.67	28.26	2.76	27.74	2.82	27.33	2.87	26.32	2.94
	35	32	32.27	2.71	31.24	2.81	30.18	2.88	29.64	2.95	29.20	3.00	28.15	3.08
	40	36	33.91	2.79	32.96	2.89	31.91	2.97	31.36	3.03	30.91	3.08	29.79	3.17
	45	41	35.97	2.89	35.11	2.99	34.07	3.08	33.51	3.14	33.06	3.18	31.86	3.28
	47	43	36.79	2.93	35.97	3.03	34.94	3.13	**34.37**	**3.18**	33.91	3.22	32.68	3.32
	50	46	36.90	2.91	36.15	3.00	35.26	3.09	34.75	3.13	34.34	3.17	33.18	3.26
	55	51	37.08	2.88	36.46	2.95	35.79	3.02	35.38	3.06	35.05	3.09	34.01	3.15
	60	56	37.26	2.85	36.77	2.91	36.32	2.96	36.01	2.98	35.76	3.00	34.85	3.05
	63	59	37.37	2.83	36.96	2.88	36.64	2.92	36.39	2.94	36.19	2.95	35.35	2.98
	68	64	37.48	2.82	37.15	2.85	36.96	2.88	36.77	2.89	36.62	2.90	35.86	2.92
Ducted Indoor Units 27 (50%)	0	-0.4	15.31	1.69	14.43	1.75	14.41	1.78	14.08	1.79	13.82	1.80	13.24	1.87
	5	4.5	17.65	1.75	16.84	1.82	16.58	1.85	16.23	1.87	15.95	1.89	15.31	1.95
	10	9	19.22	1.81	18.45	1.87	18.03	1.92	17.67	1.95	17.37	1.97	16.69	2.03
	17	15	20.95	1.89	20.22	1.95	19.63	2.02	**19.25**	**2.05**	18.94	2.08	18.21	2.14
	20	19	21.99	1.95	21.29	2.01	20.61	2.08	20.21	2.12	19.89	2.15	19.14	2.21
	25	23	23.73	2.04	23.03	2.10	22.23	2.18	21.81	2.23	21.47	2.26	20.66	2.32
	30	28	25.48	2.15	24.69	2.22	23.84	2.29	23.41	2.34	23.06	2.38	22.21	2.44
	35	32	27.23	2.25	26.36	2.33	25.46	2.39	25.00	2.45	24.64	2.49	23.75	2.56
	40	36	28.61	2.32	27.81	2.40	26.92	2.47	26.46	2.52	26.08	2.56	25.14	2.63
	45	41	30.35	2.40	29.62	2.48	28.75	2.56	28.27	2.61	27.89	2.64	26.88	2.72
	47	43	31.04	2.43	30.35	2.51	29.48	2.60	**29.00**	**2.64**	28.61	2.68	27.57	2.76
	50	46	31.13	2.42	30.51	2.49	29.75	2.56	29.32	2.60	28.97	2.63	28.00	2.70
	55	51	31.29	2.39	30.77	2.45	30.20	2.51	29.85	2.54	29.57	2.56	28.70	2.62
	60	56	31.44	2.37	31.03	2.41	30.65	2.46	30.38	2.48	30.17	2.49	29.40	2.53
	63	59	31.53	2.35	31.19	2.39	30.92	2.43	30.70	2.44	30.53	2.45	29.83	2.48
	68	64	31.62	2.34	31.34	2.37	31.19	2.39	31.03	2.40	30.90	2.41	30.25	2.43

TC = Total Capacity (kBtu/h).

PI = Power Input (kW).

Nominal Capacity as rated: 0 ft. above sea level with Piping Length as Main Pipe (16.4 ft.) + Branch pipe (98.4 ft.) = 115 ft.

0 ft. level difference between outdoor and indoor units.

Nominal heating capacity rating obtained with air entering the indoor unit at 70°F dry bulb (DB) and 60°F wet bulb (WB), and outdoor ambient conditions of 47°F dry bulb (DB) and 43°F wet bulb (WB).

Due to our policy of continuous product innovation, some specifications may change without notification.
©LG Electronics U.S.A., Inc., Englewood Cliffs, NJ. All rights reserved. "LG" is a registered trademark of LG Corp.

PERFORMANCE DATA

Heating Capacity Tables

Table 147: LMU540HV Heating Capacity Table — Ducted (continued) / Mixed Indoor Units.

Combination Capacity Index (kBtu/h[%])	Outdoor Air Temp.		Indoor Air Temp. °F DB											
			61		64		68		70		72		75	
	°F DB	°F WB	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
Ducted Indoor Units 24 (40%)	0	-0.4	13.61	1.47	12.83	1.53	12.81	1.55	12.52	1.57	12.29	1.58	11.77	1.63
	5	4.5	15.69	1.53	14.97	1.59	14.74	1.62	14.43	1.64	14.18	1.65	13.61	1.71
	10	9	17.09	1.59	16.40	1.64	16.03	1.68	15.71	1.70	15.44	1.72	14.84	1.78
	17	15	18.62	1.66	17.97	1.71	17.45	1.76	**17.11**	**1.79**	16.84	1.82	16.19	1.87
	20	19	19.55	1.70	18.93	1.76	18.32	1.82	17.97	1.85	17.68	1.88	17.01	1.93
	25	23	21.10	1.79	20.47	1.84	19.76	1.91	19.39	1.95	19.09	1.98	18.37	2.03
	30	28	22.65	1.88	21.95	1.94	21.20	2.00	20.81	2.05	20.50	2.08	19.74	2.13
	35	32	24.20	1.97	23.43	2.04	22.64	2.09	22.23	2.14	21.90	2.18	21.11	2.24
	40	36	25.44	2.03	24.72	2.10	23.93	2.16	23.52	2.20	23.19	2.24	22.35	2.30
	45	41	26.98	2.10	26.33	2.17	25.56	2.24	25.13	2.28	24.79	2.31	23.89	2.38
	47	43	27.60	2.13	26.98	2.20	26.21	2.27	**25.78**	**2.31**	25.44	2.34	24.51	2.41
	50	46	27.68	2.12	27.12	2.18	26.45	2.24	26.06	2.28	25.76	2.30	24.89	2.37
	55	51	27.81	2.09	27.35	2.15	26.85	2.20	26.54	2.22	26.29	2.24	25.51	2.29
	60	56	27.95	2.07	27.58	2.11	27.24	2.15	27.01	2.17	26.82	2.18	26.14	2.21
	63	59	28.03	2.06	27.72	2.09	27.48	2.12	27.29	2.13	27.14	2.14	26.51	2.17
	68	64	28.11	2.05	27.86	2.07	27.72	2.10	27.58	2.10	27.47	2.11	26.89	2.12
Mixed Indoor Units 73 (135%)	0	-0.4	30.38	3.78	28.60	3.93	28.59	3.98	27.94	4.02	27.42	4.04	26.26	4.19
	5	4.5	35.75	3.94	34.09	4.08	33.58	4.16	32.87	4.21	32.30	4.25	31.00	4.39
	10	9	39.35	4.08	37.76	4.22	36.92	4.33	36.17	4.39	35.57	4.43	34.17	4.57
	17	15	43.31	4.27	41.80	4.41	40.60	4.55	**39.80**	**4.62**	39.17	4.68	37.66	4.82
	20	19	45.71	4.40	44.25	4.54	42.83	4.69	42.00	4.78	41.35	4.85	39.77	4.98
	25	23	49.70	4.63	48.23	4.76	46.55	4.94	45.67	5.04	44.97	5.12	43.28	5.26
	30	28	53.71	4.88	52.05	5.04	50.26	5.19	49.34	5.31	48.60	5.40	46.82	5.53
	35	32	57.72	5.12	55.88	5.30	53.98	5.44	53.01	5.57	52.23	5.67	50.35	5.81
	40	36	60.66	5.27	58.96	5.45	57.08	5.61	56.09	5.73	55.30	5.82	53.30	5.97
	45	41	64.34	5.46	62.80	5.64	60.95	5.82	59.94	5.92	59.13	6.01	56.98	6.18
	47	43	65.81	5.53	64.34	5.72	62.50	5.90	**61.48**	**6.00**	60.66	6.08	58.46	6.26
	50	46	66.00	5.50	64.67	5.66	63.07	5.83	62.16	5.91	61.43	5.98	59.35	6.15
	55	51	66.33	5.44	65.23	5.57	64.02	5.71	63.29	5.77	62.70	5.82	60.84	5.95
	60	56	66.65	5.38	65.78	5.49	64.97	5.59	64.42	5.63	63.97	5.66	62.33	5.75
	63	59	66.84	5.35	66.11	5.43	65.54	5.51	65.09	5.54	64.73	5.56	63.23	5.63
	68	64	67.04	5.31	66.45	5.38	66.12	5.44	65.78	5.46	65.51	5.47	64.14	5.51
Mixed Indoor Units 70 (130%)	0	-0.4	30.10	3.73	28.34	3.87	28.33	3.93	27.69	3.96	27.17	3.99	26.02	4.13
	5	4.5	35.43	3.88	33.78	4.03	33.28	4.11	32.58	4.15	32.01	4.19	30.72	4.33
	10	9	39.00	4.03	37.42	4.17	36.59	4.27	35.85	4.33	35.25	4.37	33.86	4.51
	17	15	42.92	4.22	41.43	4.35	40.24	4.49	**39.45**	**4.56**	38.82	4.62	37.32	4.76
	20	19	45.30	4.34	43.86	4.48	42.44	4.63	41.63	4.72	40.98	4.79	39.42	4.92
	25	23	49.26	4.57	47.80	4.70	46.14	4.88	45.26	4.98	44.57	5.05	42.89	5.19
	30	28	53.23	4.81	51.59	4.97	49.81	5.12	48.90	5.23	48.17	5.33	46.40	5.46
	35	32	57.21	5.05	55.38	5.23	53.50	5.37	52.54	5.49	51.77	5.59	49.90	5.73
	40	36	60.12	5.20	58.43	5.38	56.57	5.53	55.59	5.65	54.80	5.74	52.82	5.89
	45	41	63.76	5.39	62.24	5.57	60.41	5.74	59.40	5.84	58.60	5.93	56.47	6.10
	47	43	65.22	5.46	63.76	5.64	61.94	5.82	**60.93**	**5.92**	60.12	6.00	57.93	6.18
	50	46	65.41	5.42	64.09	5.59	62.51	5.75	61.60	5.84	60.88	5.90	58.82	6.06
	55	51	65.73	5.37	64.64	5.50	63.45	5.63	62.72	5.69	62.14	5.75	60.30	5.87
	60	56	66.05	5.31	65.19	5.41	64.39	5.51	63.84	5.55	63.40	5.59	61.78	5.67
	63	59	66.24	5.28	65.52	5.36	64.96	5.44	64.51	5.47	64.15	5.49	62.66	5.56
	68	64	66.44	5.24	65.85	5.31	65.52	5.37	65.19	5.38	64.92	5.40	63.56	5.44

TC = Total Capacity (kBtu/h).

PI = Power Input (kW).

Nominal Capacity as rated: 0 ft. above sea level with Piping Length as Main Pipe (16.4 ft.) + Branch pipe (98.4 ft.) = 115 ft.

0 ft. level difference between outdoor and indoor units.

Nominal heating capacity rating obtained with air entering the indoor unit at 70°F dry bulb (DB) and 60°F wet bulb (WB), and outdoor ambient conditions of 47°F dry bulb (DB) and 43°F wet bulb (WB).

Due to our policy of continuous product innovation, some specifications may change without notification.
©LG Electronics U.S.A., Inc., Englewood Cliffs, NJ. All rights reserved. "LG" is a registered trademark of LG Corp.

PERFORMANCE DATA

Heating Capacity Tables

Table 148: LMU540HV Heating Capacity Table —Mixed Indoor Units (continued).

Combination Capacity Index (kBtu/h[%])	Outdoor Air Temp.		Indoor Air Temp. °F DB											
			61		64		68		70		72		75	
	°F DB	°F WB	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
Mixed Indoor Units 65 (120%)	0	-0.4	29.65	3.65	27.92	3.79	27.91	3.84	27.27	3.88	26.77	3.90	25.64	4.04
	5	4.5	34.90	3.80	33.28	3.94	32.78	4.02	32.09	4.06	31.53	4.10	30.26	4.24
	10	9	38.42	3.94	36.86	4.07	36.05	4.18	35.31	4.23	34.73	4.28	33.36	4.41
	17	15	42.28	4.12	40.81	4.26	39.63	4.39	**38.86**	**4.46**	38.24	4.52	36.77	4.65
	20	19	44.62	4.25	43.20	4.38	41.81	4.53	41.01	4.61	40.36	4.68	38.83	4.81
	25	23	48.52	4.47	47.09	4.60	45.45	4.77	44.59	4.87	43.90	4.94	42.25	5.07
	30	28	52.44	4.70	50.82	4.86	49.07	5.01	48.17	5.12	47.45	5.21	45.71	5.34
	35	32	56.35	4.94	54.56	5.12	52.70	5.25	51.75	5.37	50.99	5.47	49.15	5.60
	40	36	59.22	5.09	57.56	5.26	55.72	5.41	54.76	5.52	53.99	5.62	52.03	5.76
	45	41	62.81	5.27	61.31	5.44	59.50	5.61	58.52	5.71	57.73	5.80	55.63	5.96
	47	43	64.25	5.34	62.81	5.52	61.02	5.69	**60.02**	**5.79**	59.22	5.87	57.07	6.04
	50	46	64.44	5.31	63.14	5.46	61.57	5.62	60.68	5.71	59.97	5.77	57.94	5.93
	55	51	64.75	5.25	63.68	5.38	62.50	5.51	61.78	5.57	61.21	5.62	59.40	5.74
	60	56	65.07	5.19	64.22	5.29	63.43	5.39	62.89	5.43	62.45	5.46	60.85	5.55
	63	59	65.25	5.16	64.54	5.24	63.98	5.32	63.55	5.35	63.20	5.37	61.73	5.43
	68	64	65.44	5.13	64.87	5.19	64.55	5.25	64.22	5.27	63.95	5.28	62.61	5.32
Mixed Indoor Units 59 (110%)	0	-0.4	29.11	3.55	27.41	3.68	27.40	3.74	26.77	3.77	26.28	3.79	25.17	3.93
	5	4.5	34.26	3.69	32.67	3.83	32.18	3.91	31.50	3.95	30.96	3.98	29.71	4.12
	10	9	37.71	3.83	36.19	3.96	35.38	4.06	34.66	4.12	34.09	4.16	32.75	4.29
	17	15	41.51	4.01	40.06	4.14	38.91	4.27	**38.15**	**4.34**	37.54	4.39	36.09	4.52
	20	19	43.80	4.13	42.41	4.26	41.04	4.40	40.26	4.49	39.62	4.55	38.12	4.68
	25	23	47.63	4.34	46.22	4.47	44.62	4.64	43.77	4.73	43.10	4.81	41.47	4.93
	30	28	51.48	4.57	49.88	4.73	48.17	4.87	47.29	4.98	46.58	5.06	44.87	5.19
	35	32	55.32	4.81	53.56	4.98	51.73	5.11	50.80	5.22	50.06	5.32	48.25	5.45
	40	36	58.14	4.95	56.50	5.12	54.70	5.26	53.75	5.37	53.00	5.46	51.08	5.60
	45	41	61.66	5.12	60.19	5.29	58.41	5.46	57.44	5.56	56.67	5.64	54.61	5.80
	47	43	63.07	5.19	61.66	5.36	59.90	5.53	**58.92**	**5.63**	58.14	5.71	56.02	5.88
	50	46	63.26	5.16	61.98	5.31	60.45	5.47	59.57	5.55	58.87	5.62	56.88	5.77
	55	51	63.56	5.10	62.51	5.23	61.36	5.35	60.65	5.42	60.09	5.46	58.31	5.58
	60	56	63.87	5.05	63.04	5.15	62.27	5.24	61.73	5.28	61.31	5.31	59.74	5.40
	63	59	64.06	5.02	63.36	5.10	62.81	5.17	62.38	5.20	62.04	5.22	60.60	5.28
	68	64	64.24	4.98	63.68	5.05	63.36	5.11	63.04	5.12	62.78	5.13	61.47	5.17
Mixed Indoor Units 54 (100%)	0	-0.4	28.66	3.46	26.98	3.59	26.97	3.65	26.36	3.68	25.87	3.70	24.77	3.83
	5	4.5	33.73	3.60	32.16	3.73	31.68	3.81	31.01	3.85	30.47	3.89	29.24	4.02
	10	9	37.12	3.73	35.62	3.86	34.83	3.96	34.12	4.01	33.56	4.06	32.24	4.19
	17	15	40.86	3.91	39.44	4.04	38.30	4.16	**37.55**	**4.23**	36.95	4.29	35.53	4.41
	20	19	43.12	4.03	41.75	4.15	40.40	4.29	39.63	4.37	39.01	4.44	37.52	4.56
	25	23	46.89	4.24	45.50	4.36	43.92	4.52	43.09	4.61	42.42	4.69	40.83	4.81
	30	28	50.67	4.46	49.11	4.61	47.42	4.75	46.55	4.85	45.85	4.94	44.17	5.06
	35	32	54.45	4.69	52.72	4.85	50.93	4.98	50.01	5.09	49.28	5.19	47.50	5.31
	40	36	57.23	4.82	55.62	4.99	53.85	5.13	52.92	5.24	52.17	5.32	50.28	5.47
	45	41	60.70	4.99	59.25	5.16	57.50	5.32	56.55	5.42	55.78	5.50	53.76	5.66
	47	43	62.09	5.06	60.70	5.23	58.96	5.40	**58.00**	**5.49**	57.23	5.56	55.15	5.73
	50	46	62.27	5.03	61.01	5.18	59.50	5.33	58.64	5.41	57.95	5.48	55.99	5.62
	55	51	62.57	4.98	61.53	5.10	60.40	5.22	59.70	5.28	59.15	5.33	57.40	5.44
	60	56	62.88	4.92	62.06	5.02	61.29	5.11	60.77	5.15	60.35	5.18	58.81	5.26
	63	59	63.06	4.89	62.37	4.97	61.83	5.05	61.41	5.07	61.07	5.09	59.65	5.15
	68	64	63.24	4.86	62.69	4.92	62.37	4.98	62.05	4.99	61.80	5.00	60.51	5.05

TC = Total Capacity (kBtu/h).

PI = Power Input (kW).

Nominal Capacity as rated: 0 ft. above sea level with Piping Length as Main Pipe (16.4 ft.) + Branch pipe (98.4 ft.) = 115 ft.

0 ft. level difference between outdoor and indoor units.

Nominal heating capacity rating obtained with air entering the indoor unit at 70°F dry bulb (DB) and 60°F wet bulb (WB), and outdoor ambient conditions of 47°F dry bulb (DB) and 43°F wet bulb (WB).

Due to our policy of continuous product innovation, some specifications may change without notification.
©LG Electronics U.S.A., Inc., Englewood Cliffs, NJ. All rights reserved. "LG" is a registered trademark of LG Corp.

PERFORMANCE DATA

Heating Capacity Tables

Table 149: LMU540HV Heating Capacity Table —Mixed Indoor Units (continued).

Combination Capacity Index (kBtu/h[%])	Outdoor Air Temp.		Indoor Air Temp. °F DB											
			61		64		68		70		72		75	
	°F DB	°F WB	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
Mixed Indoor Units 49 (90%)	0	-0.4	26.00	3.12	24.48	3.24	24.47	3.29	23.92	3.31	23.47	3.33	22.48	3.46
	5	4.5	30.60	3.25	29.18	3.37	28.75	3.43	28.14	3.47	27.65	3.50	26.54	3.62
	10	9	33.69	3.37	32.33	3.48	31.61	3.57	30.96	3.62	30.45	3.66	29.25	3.77
	17	15	37.07	3.53	35.78	3.64	34.75	3.75	**34.07**	**3.81**	33.53	3.86	32.24	3.98
	20	19	39.13	3.63	37.88	3.74	36.66	3.87	35.96	3.94	35.39	4.00	34.05	4.11
	25	23	42.55	3.82	41.29	3.93	39.85	4.08	39.10	4.16	38.50	4.23	37.05	4.34
	30	28	45.98	4.02	44.56	4.15	43.03	4.28	42.24	4.38	41.61	4.45	40.08	4.56
	35	32	49.41	4.22	47.84	4.38	46.21	4.49	45.38	4.59	44.72	4.68	43.10	4.79
	40	36	51.93	4.35	50.47	4.50	48.86	4.63	48.02	4.72	47.34	4.80	45.62	4.93
	45	41	55.08	4.50	53.76	4.65	52.18	4.80	51.31	4.89	50.62	4.96	48.78	5.10
	47	43	56.34	4.56	55.08	4.72	53.50	4.87	**52.63**	**4.95**	51.93	5.02	50.04	5.17
	50	46	56.50	4.54	55.36	4.67	53.99	4.81	53.21	4.88	52.58	4.94	50.81	5.07
	55	51	56.78	4.49	55.84	4.60	54.81	4.71	54.18	4.76	53.67	4.80	52.08	4.91
	60	56	57.05	4.44	56.31	4.53	55.62	4.61	55.14	4.64	54.76	4.67	53.36	4.74
	63	59	57.22	4.41	56.60	4.48	56.11	4.55	55.72	4.57	55.42	4.59	54.13	4.65
	68	64	57.39	4.38	56.88	4.44	56.60	4.49	56.31	4.50	56.08	4.51	54.90	4.55
Mixed Indoor Units 43 (80%)	0	-0.4	22.82	2.71	21.49	2.81	21.48	2.86	20.99	2.88	20.60	2.90	19.73	3.00
	5	4.5	26.86	2.82	25.61	2.92	25.23	2.98	24.69	3.02	24.27	3.04	23.29	3.15
	10	9	29.56	2.93	28.37	3.03	27.74	3.10	27.18	3.14	26.72	3.18	25.67	3.28
	17	15	32.54	3.06	31.41	3.16	30.50	3.26	**29.90**	**3.31**	29.43	3.36	28.29	3.45
	20	19	34.34	3.16	33.25	3.25	32.18	3.36	31.56	3.43	31.06	3.48	29.88	3.57
	25	23	37.34	3.32	36.24	3.41	34.98	3.54	34.31	3.61	33.78	3.67	32.51	3.77
	30	28	40.36	3.49	39.11	3.61	37.76	3.72	37.07	3.80	36.52	3.87	35.17	3.96
	35	32	43.37	3.67	41.99	3.80	40.56	3.90	39.83	3.99	39.24	4.06	37.83	4.16
	40	36	45.58	3.78	44.30	3.91	42.88	4.02	42.14	4.10	41.55	4.17	40.04	4.28
	45	41	48.34	3.91	47.18	4.04	45.79	4.17	45.03	4.24	44.42	4.30	42.81	4.43
	47	43	49.44	3.97	48.34	4.10	46.96	4.23	**46.19**	**4.30**	45.58	4.36	43.92	4.49
	50	46	49.59	3.94	48.59	4.06	47.39	4.18	46.70	4.24	46.15	4.29	44.59	4.40
	55	51	49.83	3.90	49.00	3.99	48.10	4.09	47.55	4.14	47.11	4.17	45.71	4.26
	60	56	50.07	3.86	49.42	3.93	48.81	4.00	48.40	4.03	48.06	4.06	46.83	4.12
	63	59	50.22	3.83	49.67	3.89	49.24	3.95	48.90	3.97	48.63	3.99	47.50	4.04
	68	64	50.36	3.81	49.92	3.86	49.67	3.90	49.42	3.91	49.21	3.92	48.19	3.95
Mixed Indoor Units 38 (70%)	0	-0.4	20.17	2.36	18.99	2.45	18.98	2.49	18.55	2.51	18.20	2.53	17.44	2.62
	5	4.5	23.74	2.46	22.63	2.55	22.30	2.60	21.82	2.63	21.45	2.65	20.58	2.74
	10	9	26.13	2.55	25.07	2.64	24.51	2.70	24.02	2.74	23.62	2.77	22.69	2.86
	17	15	28.76	2.67	27.75	2.76	26.96	2.84	**26.43**	**2.89**	26.00	2.93	25.00	3.01
	20	19	30.35	2.75	29.38	2.84	28.44	2.93	27.89	2.99	27.45	3.03	26.41	3.12
	25	23	33.00	2.89	32.02	2.98	30.91	3.09	30.32	3.15	29.86	3.20	28.73	3.29
	30	28	35.66	3.05	34.56	3.15	33.37	3.24	32.76	3.32	32.27	3.37	31.08	3.46
	35	32	38.32	3.20	37.10	3.31	35.84	3.40	35.20	3.48	34.68	3.54	33.43	3.63
	40	36	40.28	3.29	39.15	3.41	37.90	3.50	37.24	3.58	36.72	3.64	35.39	3.73
	45	41	42.72	3.41	41.70	3.53	40.47	3.63	39.80	3.70	39.26	3.75	37.83	3.86
	47	43	43.70	3.46	42.72	3.57	41.50	3.69	**40.82**	**3.75**	40.28	3.80	38.81	3.92
	50	46	43.82	3.44	42.94	3.54	41.88	3.64	41.27	3.70	40.78	3.74	39.41	3.84
	55	51	44.04	3.40	43.31	3.48	42.51	3.57	42.02	3.61	41.63	3.64	40.40	3.72
	60	56	44.25	3.36	43.68	3.43	43.14	3.49	42.77	3.52	42.47	3.54	41.39	3.59
	63	59	44.38	3.34	43.90	3.40	43.52	3.45	43.22	3.46	42.98	3.48	41.98	3.52
	68	64	44.51	3.32	44.12	3.36	43.90	3.40	43.67	3.41	43.49	3.42	42.58	3.45

TC = Total Capacity (kBtu/h).

PI = Power Input (kW).

Nominal Capacity as rated: 0 ft. above sea level with Piping Length as Main Pipe (16.4 ft.) + Branch pipe (98.4 ft.) = 115 ft.

0 ft. level difference between outdoor and indoor units.

Nominal heating capacity rating obtained with air entering the indoor unit at 70ºF dry bulb (DB) and 60ºF wet bulb (WB), and outdoor ambient conditions of 47ºF dry bulb (DB) and 43ºF wet bulb (WB).

Due to our policy of continuous product innovation, some specifications may change without notification.
©LG Electronics U.S.A., Inc., Englewood Cliffs, NJ. All rights reserved. "LG" is a registered trademark of LG Corp.

PERFORMANCE DATA

Heating Capacity Tables

Table 150: LMU540HV Heating Capacity Table —Mixed Indoor Units (continued).

Combination Capacity Index (kBtu/h[%])	Outdoor Air Temp.		Indoor Air Temp. °F DB											
			61		64		68		70		72		75	
	°F DB	°F WB	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
Mixed Indoor Units 32 (60%)	0	-0.4	16.98	1.95	15.99	2.03	15.98	2.06	15.62	2.08	15.33	2.09	14.68	2.16
	5	4.5	19.99	2.03	19.06	2.11	18.77	2.15	18.38	2.17	18.06	2.19	17.33	2.27
	10	9	22.00	2.11	21.11	2.18	20.64	2.24	20.22	2.27	19.89	2.29	19.10	2.36
	17	15	24.21	2.21	23.37	2.28	22.70	2.35	**22.25**	**2.39**	21.90	2.42	21.05	2.49
	20	19	25.55	2.27	24.74	2.34	23.94	2.42	23.48	2.47	23.11	2.51	22.24	2.58
	25	23	27.79	2.39	26.96	2.46	26.03	2.55	25.53	2.61	25.14	2.65	24.19	2.72
	30	28	30.03	2.52	29.10	2.60	28.10	2.68	27.58	2.74	27.17	2.79	26.17	2.86
	35	32	32.27	2.65	31.24	2.74	30.18	2.81	29.64	2.88	29.20	2.93	28.15	3.00
	40	36	33.91	2.72	32.96	2.82	31.91	2.90	31.36	2.96	30.91	3.01	29.79	3.09
	45	41	35.97	2.82	35.11	2.91	34.07	3.00	33.51	3.06	33.06	3.10	31.86	3.19
	47	43	36.79	2.86	35.97	2.95	34.94	3.05	**34.37**	**3.10**	33.91	3.14	32.68	3.24
	50	46	36.90	2.84	36.15	2.93	35.26	3.01	34.75	3.06	34.34	3.09	33.18	3.18
	55	51	37.08	2.81	36.46	2.88	35.79	2.95	35.38	2.98	35.05	3.01	34.01	3.07
	60	56	37.26	2.78	36.77	2.83	36.32	2.89	36.01	2.91	35.76	2.93	34.85	2.97
	63	59	37.37	2.76	36.96	2.81	36.64	2.85	36.39	2.86	36.19	2.88	35.35	2.91
	68	64	37.48	2.74	37.15	2.78	36.96	2.81	36.77	2.82	36.62	2.83	35.86	2.85
Mixed Indoor Units 27 (50%)	0	-0.4	14.33	1.61	13.49	1.67	13.49	1.70	13.18	1.71	12.93	1.72	12.39	1.79
	5	4.5	16.86	1.68	16.08	1.74	15.84	1.78	15.50	1.80	15.24	1.81	14.62	1.87
	10	9	18.56	1.74	17.81	1.80	17.42	1.85	17.06	1.87	16.78	1.89	16.12	1.95
	17	15	20.43	1.82	19.72	1.88	19.15	1.94	**18.78**	**1.97**	18.47	2.00	17.76	2.06
	20	19	21.56	1.88	20.87	1.94	20.20	2.00	19.81	2.04	19.50	2.07	18.76	2.13
	25	23	23.45	1.97	22.75	2.03	21.96	2.11	21.54	2.15	21.21	2.19	20.41	2.24
	30	28	25.34	2.08	24.55	2.15	23.71	2.21	23.27	2.26	22.93	2.30	22.08	2.36
	35	32	27.23	2.18	26.36	2.26	25.46	2.32	25.00	2.38	24.64	2.42	23.75	2.48
	40	36	28.61	2.25	27.81	2.33	26.92	2.39	26.46	2.44	26.08	2.48	25.14	2.55
	45	41	30.35	2.33	29.62	2.41	28.75	2.48	28.27	2.53	27.89	2.56	26.88	2.64
	47	43	31.04	2.36	30.35	2.44	29.48	2.52	**29.00**	**2.56**	28.61	2.59	27.57	2.67
	50	46	31.13	2.35	30.51	2.42	29.75	2.49	29.32	2.52	28.97	2.55	28.00	2.62
	55	51	31.29	2.32	30.77	2.38	30.20	2.43	29.85	2.46	29.57	2.48	28.70	2.54
	60	56	31.44	2.30	31.03	2.34	30.65	2.38	30.38	2.40	30.17	2.42	29.40	2.45
	63	59	31.53	2.28	31.19	2.32	30.92	2.35	30.70	2.36	30.53	2.37	29.83	2.40
	68	64	31.62	2.27	31.34	2.30	31.19	2.32	31.03	2.33	30.90	2.33	30.25	2.35
Mixed Indoor Units 24 (40%)	0	-0.4	12.74	1.41	11.99	1.47	11.99	1.49	11.72	1.50	11.50	1.51	11.01	1.56
	5	4.5	14.99	1.47	14.29	1.52	14.08	1.55	13.78	1.57	13.54	1.59	13.00	1.64
	10	9	16.50	1.52	15.83	1.58	15.48	1.62	15.17	1.64	14.92	1.66	14.33	1.71
	17	15	18.16	1.60	17.53	1.65	17.02	1.70	**16.69**	**1.73**	16.42	1.75	15.79	1.80
	20	19	19.17	1.64	18.56	1.69	17.96	1.75	17.61	1.78	17.34	1.81	16.68	1.86
	25	23	20.84	1.73	20.22	1.78	19.52	1.85	19.15	1.88	18.86	1.91	18.15	1.96
	30	28	22.52	1.82	21.83	1.88	21.08	1.94	20.69	1.98	20.38	2.01	19.63	2.07
	35	32	24.20	1.91	23.43	1.98	22.64	2.03	22.23	2.08	21.90	2.12	21.11	2.17
	40	36	25.44	1.97	24.72	2.04	23.93	2.09	23.52	2.14	23.19	2.17	22.35	2.23
	45	41	26.98	2.04	26.33	2.11	25.56	2.17	25.13	2.21	24.79	2.24	23.89	2.31
	47	43	27.60	2.07	26.98	2.13	26.21	2.20	**25.78**	**2.24**	25.44	2.27	24.51	2.34
	50	46	27.68	2.05	27.12	2.11	26.45	2.18	26.06	2.21	25.76	2.23	24.89	2.29
	55	51	27.81	2.03	27.35	2.08	26.85	2.13	26.54	2.15	26.29	2.17	25.51	2.22
	60	56	27.95	2.01	27.58	2.05	27.24	2.09	27.01	2.10	26.82	2.11	26.14	2.15
	63	59	28.03	2.00	27.72	2.03	27.48	2.06	27.29	2.07	27.14	2.08	26.51	2.10
	68	64	28.11	1.98	27.86	2.01	27.72	2.03	27.58	2.04	27.47	2.04	26.89	2.06

TC = Total Capacity (kBtu/h).

PI = Power Input (kW).

Nominal Capacity as rated: 0 ft. above sea level with Piping Length as Main Pipe (16.4 ft.) + Branch pipe (98.4 ft.) = 115 ft.

0 ft. level difference between outdoor and indoor units.

Nominal heating capacity rating obtained with air entering the indoor unit at 70°F dry bulb (DB) and 60°F wet bulb (WB), and outdoor ambient conditions of 47°F dry bulb (DB) and 43°F wet bulb (WB).

Due to our policy of continuous product innovation, some specifications may change without notification.
©LG Electronics U.S.A., Inc., Englewood Cliffs, NJ. All rights reserved. "LG" is a registered trademark of LG Corp.

MULTI F MAX OUTDOOR UNIT

Electrical and Acoustic Data

Electrical Data

Table 151: LMU540HV Electrical Data.

Nominal Tons	Unit Model No.	Hertz	Voltage	Voltage Range (Min. to Max.)	MCA	MOP	Compressor Quantity	Compressor Motor RLA	Condenser Fan Motor(s)	
									Condenser Fan Quantity x kW	Condenser Fan Motor FLA
4.5	LMU540HV	60	208 - 230	187 - 253	26.4	40	1	18.5	2 x 0.12	1.25 x 2

Voltage tolerance is ±10%.

Maximum allowable voltage unbalance is 2%.

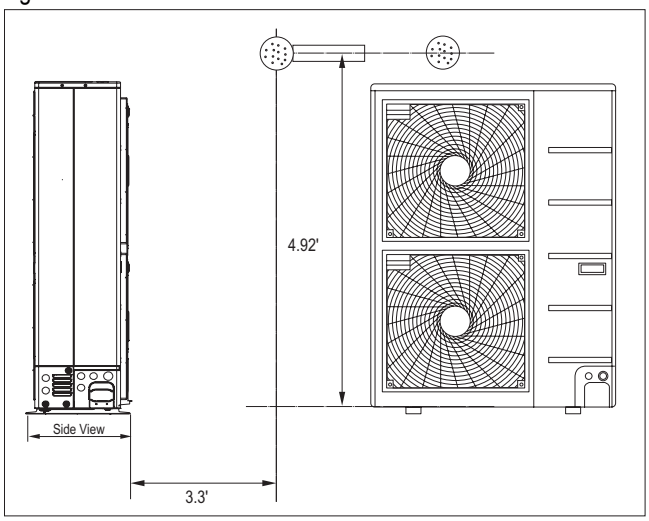
RLA = Rated Load Amps.

MCA = Minimum Circuit Ampacity.

Maximum Overcurrent Protection (MOP) is calculated as follows: (Largest motor FLA x 2.25) + (Sum of other motor FLA) rounded down to the nearest standard fuse size.

Acoustic Data

Figure 21: Sound Pressure Level Measurement Location.

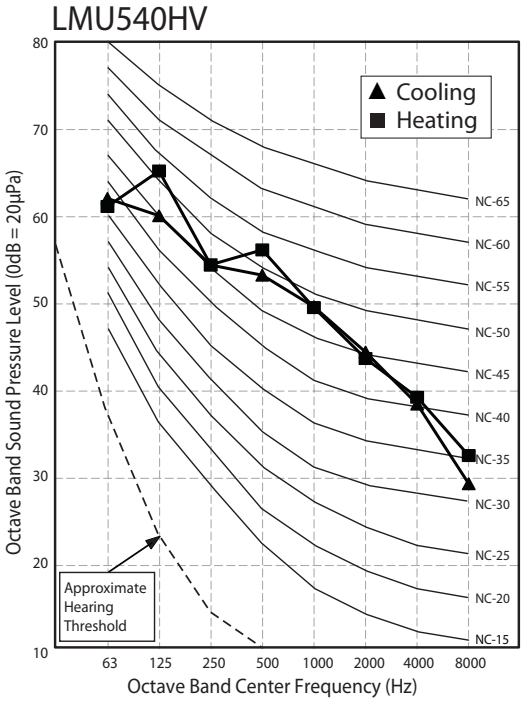


- Measurement taken 4.92' above finished floor, and at a distance of 3.3' from face of unit.
- Measurements taken with no attenuation and units operating at full load normal operating condition.
- Sound level will vary depending on a range of factors such as construction (acoustic absorption coefficient) of particular area in which the equipment is installed.
- Sound pressure levels are measured in dB(A) ±3.
- Tested in anechoic chamber per ISO Standard 3745.

Table 152: Sound Pressure Levels (dB[A]).

Model No.	Sound Pressure Levels (dB[A])	
	Cooling	Heating
LMU540HV	54	56

Figure 22: Sound Pressure Diagram.



Due to our policy of continuous product innovation, some specifications may change without notification.
©LG Electronics U.S.A., Inc., Englewood Cliffs, NJ. All rights reserved. "LG" is a registered trademark of LG Corp.

MULTI F MAX OUTDOOR UNIT

Refrigerant Flow Diagram

Figure 23: LMU540HV Refrigerant Flow Diagram.

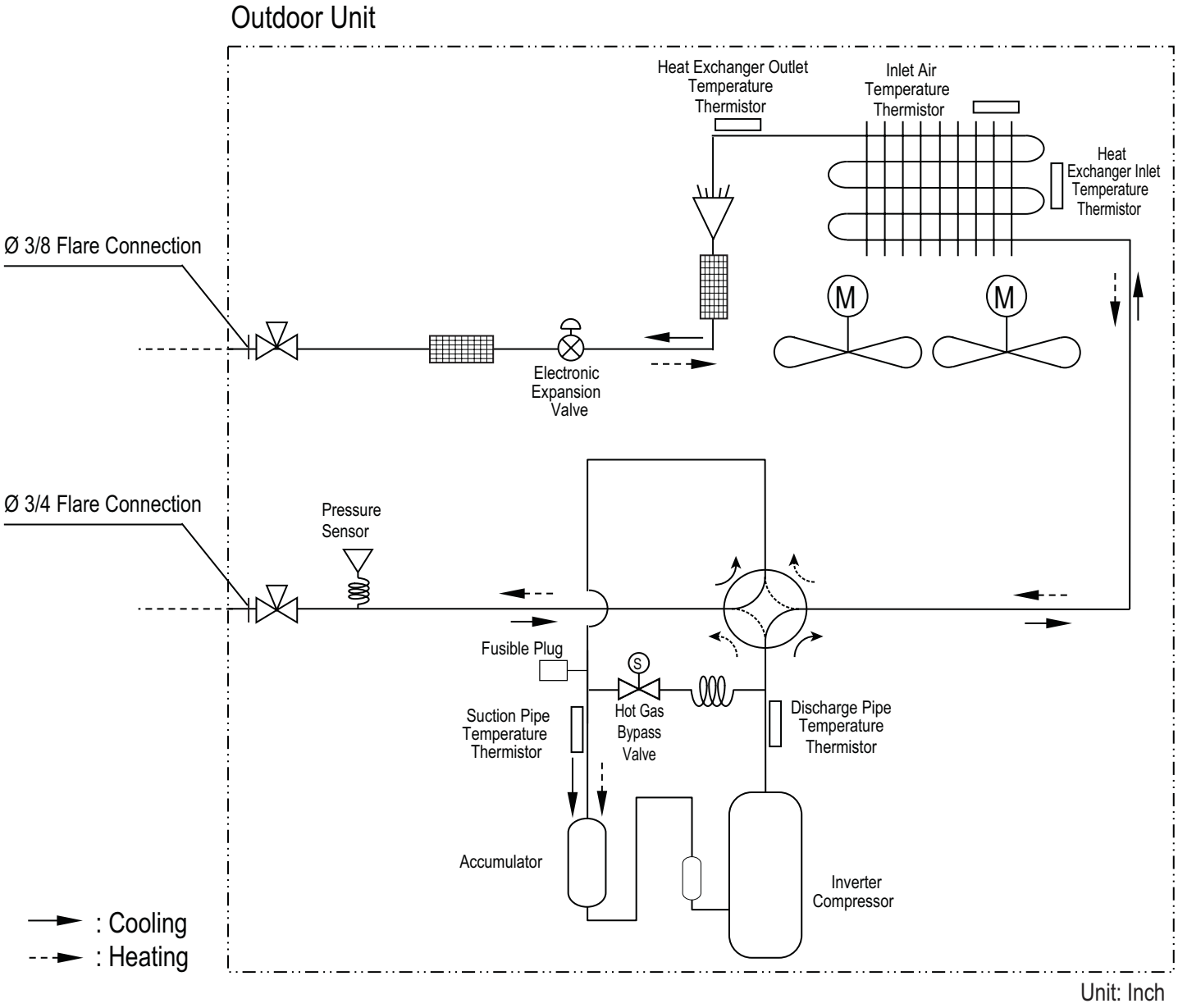
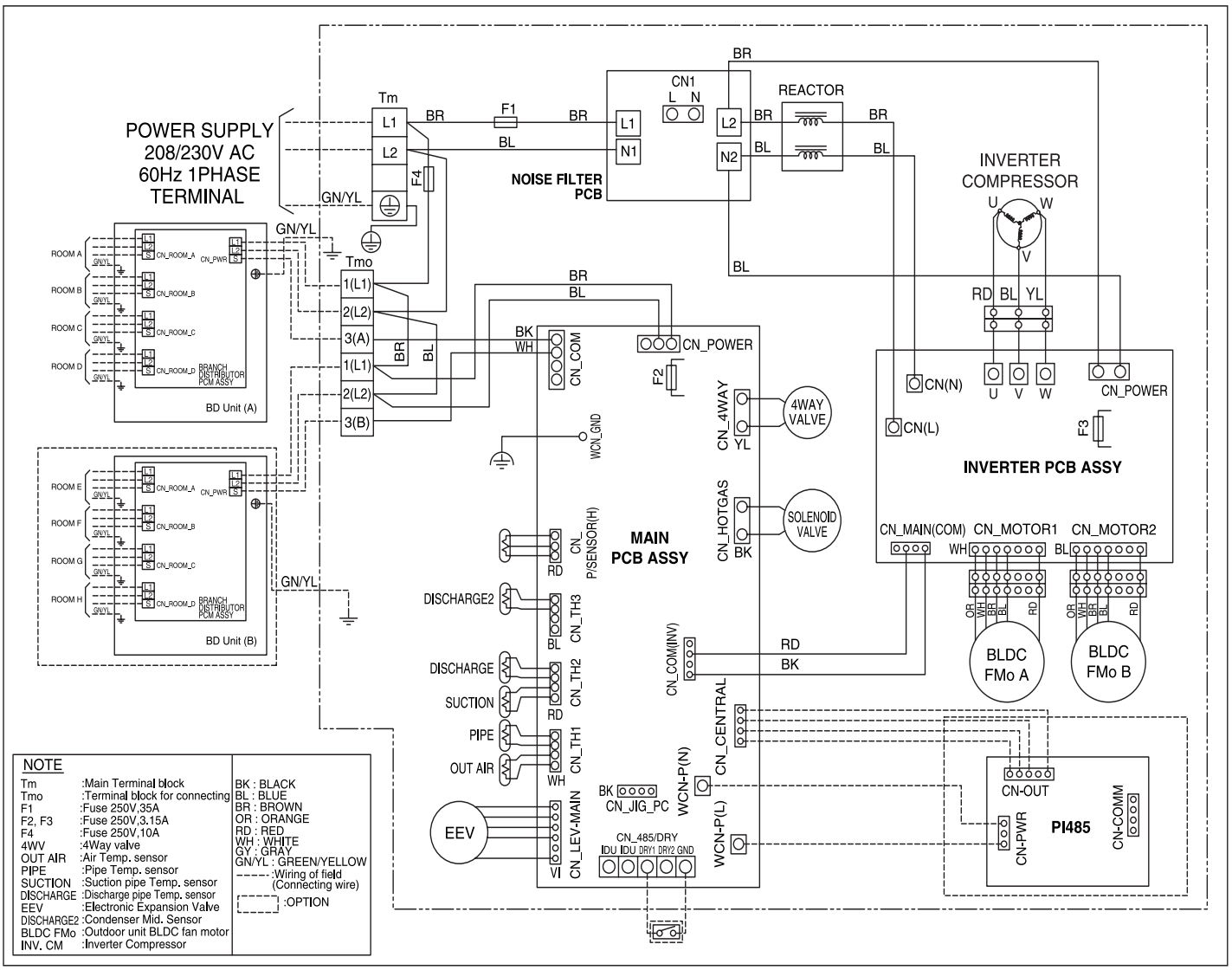


Table 153: LMU540HV Thermistor Details.

Description	PCB Connector
Heat Exchanger Inlet Temperature Thermistor	CN-TH3
Heat Exchanger Outlet Temperature Thermistor	CN-TH1
Inlet Air Temperature Thermistor	
Discharge Pipe Temperature Thermistor	CN-TH2
Suction Pipe Temperature Thermistor	
Pressure Sensor	CN-P/SENSOR(H)

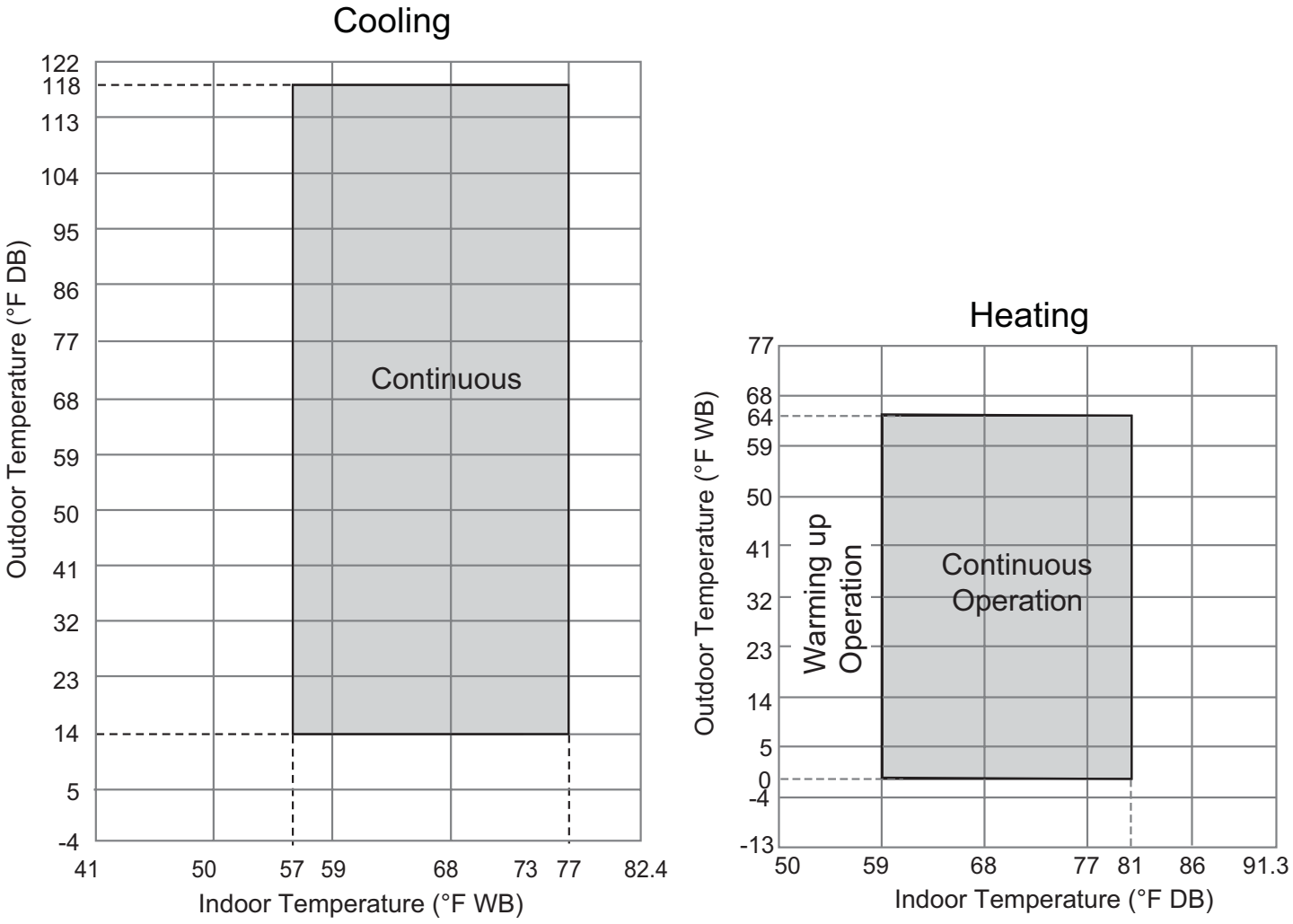
Due to our policy of continuous product innovation, some specifications may change without notification.
©LG Electronics U.S.A., Inc., Englewood Cliffs, NJ. All rights reserved. "LG" is a registered trademark of LG Corp.

Figure 24: LMU540HV Wiring Diagram.



Due to our policy of continuous product innovation, some specifications may change without notification.
©LG Electronics U.S.A., Inc., Englewood Cliffs, NJ. All rights reserved. "LG" is a registered trademark of LG Corp.

Figure 25: LMU540HV Cooling and Heating Operation Ranges.



Due to our policy of continuous product innovation, some specifications may change without notification.
©LG Electronics U.S.A., Inc., Englewood Cliffs, NJ. All rights reserved. "LG" is a registered trademark of LG Corp.

MULTI F MAX BD UNIT DATA

“Features and Benefits” on page 170
“Mechanical Specifications” on page 171
“General Data” on page 172
“Dimensions” on page 173
“Refrigerant Flow Diagram” on page 174
“Wiring Diagram” on page 175
“Y-Branch Accessory” on page 176
“Branch Distribution Unit Orientation” on page 177

MULTI F MAX BD UNIT

Features and Benefits

The Branch Distribution (BD) unit is a required accessory of Multi F MAX inverter-driven heat pump systems. Choose from two (2) port, three (3) port, or four (4) port BD units.

Two (2) refrigerant pipes-one (1) liquid line and one (1) vapor line-run from the outdoor unit to the BD unit that is installed inside of a building. Two (2), three (3), or four (4) sets of refrigerant lines will run from the BD unit to the indoor units, depending on type of BD unit selected. A Multi F MAX system can include up to two BD units (installed with the use of the Y-branch accessory PMBL5620) that support a total of eight (8) indoor units (up to four [4] indoor units per BD unit).

Figure 26: Example of Multi F MAX Heat Pump Inverter System with two BD Units



Due to our policy of continuous product innovation, some specifications may change without notification.
©LG Electronics U.S.A., Inc., Englewood Cliffs, NJ. All rights reserved. "LG" is a registered trademark of LG Corp.

MULTI F MAX BD UNIT

Mechanical Specifications

Branch Distribution Unit

General

Branch distribution units are designed for use with LG Multi F MAX (LMU540HV) outdoor units, and are internally piped, wired, assembled and run-tested at the factory. The branch distribution unit is used as an intermediate refrigerant control device between the outdoor unit and the indoor units to effectively and efficiently control the heating or cooling operation of the system through the use of electronic expansion valves.

Refrigerant System

System is designed for use with R410A refrigerant. All refrigerant lines from the outdoor unit to the branch distribution unit, and from the branch distribution unit to the indoor units, must be field insulated. The units may be connected to optional field-supplied and field-installed isolation valves for servicing without evacuating the entire system.

Piping Capabilities

Maximum piping length from the branch distribution unit to the indoor unit is 49.2 equivalent feet. Maximum elevation difference between branch distribution unit and indoor unit is 32.8 feet. Maximum elevation difference between two parallel branch distribution units is 49.2 feet.

Electrical

Each branch distribution unit is designed to operate using 208–230/60/1 power with voltage variances of ±10%.

Figure 27: PMBD3620 Two-Port Branch Distribution Unit.



Figure 28: PMBD3630 Three-Port Branch Distribution Unit.



Figure 29: PMBD3640 and PMBD3641 Four-Port Branch Distribution Unit.



Casing

The casing is designed to mount fully concealed above a finished ceiling, is manufactured of galvanized steel plate, and is internally insulated. Branch distribution units do not require a condensate drain.

Port Assembly

Branch distribution units have a two-pipe system consisting of one vapor pipe and one liquid pipe. Units are available in a choice of two (PMBD3620), three (PMBD3630) or four ports (PMBD3640 and PMBD3641); branch distribution units include two, two-positioned solenoid valves per port. Each port for PMBD3620, PMBD3630, and PMBD3640 units connect to one indoor unit for a maximum nominal capacity of 24,000 Btu/h. For PMBD3641 units, ports A, B, C each connect to one indoor unit for a maximum nominal capacity of 24,000 Btu/h; port D connect to one indoor unit for a nominal capacity of 36,000 Btu/h. Maximum nominal capacity per branch distribution unit is 73,000 Btu/h. Two branch distribution units can be piped in parallel using accessory Y-branch kit PMBL5620.

Controls

The unit is provided with factory-installed control boards and an integral microprocessor to communicate with the main control board in the outdoor unit. Communication between the branch distribution unit, the outdoor unit, and the indoor units is accomplished through a 18 AWG, four-core, stranded and shielded power / communication cable.

Due to our policy of continuous product innovation, some specifications may change without notification.
©LG Electronics U.S.A., Inc., Englewood Cliffs, NJ. All rights reserved. "LG" is a registered trademark of LG Corp.

MULTI F MAX BD UNIT

General Data

Table 154: Multi F MAX BD Unit General Data.

Model Number		PMBD3620	PMBD3630	PMBD3640	PMBD3641
No. of Connectable Indoor Units[1]		1-2	1-3	1-4	1-4
Max. Nominal Capacity / Port (Btu/h)[2]		24,000	24,000	24,000	24,000 for A,B,C Ports; 36,000 for D Port
Max. Nominal Capacity / BD Unit (Btu/h)		48,000	72,000	73,000	73,000
Operation Temperature Range (°F DB)		0 ~ 122	0 ~ 122	0 ~ 122	0 ~ 122
Unit Data					
Refrigerant Type		R410A	R410A	R410A	R410A
Power Supply V, Ø, Hz		208-230, 1, 60	208-230, 1, 60	208-230, 1, 60	208-230, 1, 60
Power Input (W)		16	24	32	32
Rated Amps (A)		0.08	0.12	0.16	0.16
Dimensions W x H x D (in.)		17-3/32 x 6-13/32 x 10-23/32	17-3/32 x 6-13/32 x 10-23/32	17-3/32 x 6-13/32 x 10-23/32	17-3/32 x 6-13/32 x 10-23/32
Net Unit Weight (lbs.)		13	14.3	15.7	15.7
Shipping Weight (lbs.)		15	17	18	18
Power Wiring / Communication Cables[3]					
From Outdoor Unit to BD Unit (Qty. x AWG)[3]		4 x 16	4 x 16	4 x 16	4 x 16
From BD Unit to Indoor Unit (Qty. x AWG)[3]		4 x 18	4 x 18	4 x 18	4 x 18
Piping Connections					
Outdoor Unit to BD Unit	Liquid (in., OD)	Ø3/8	Ø3/8	Ø3/8	Ø3/8
	Vapor (in., OD)	Ø3/4	Ø3/4	Ø3/4	Ø3/4
BD Unit to Indoor Units	Liquid (in., OD) x Qty.	Ø1/4 x 2	Ø1/4 x 3	Ø1/4 x 4	Ø1/4 x 3 Ø3/8 x 1
	Vapor (in., OD) x Qty.	Ø3/8 x 2	Ø3/8 x 3	Ø3/8 x 4	Ø3/8 x 3 Ø5/8 x 1
Piping Lengths					
Maximum Total System Piping (ft.)[4]		476	476	476	476
Maximum Main Pipe Length (Outdoor Unit to BD Units [ft.])		180	180	180	180
Total Branch Piping (BD Units to Indoor Units [ft.])		295	295	295	295
Maximum Branch Pipe Length Between BD Unit and Each Indoor Unit [ft.])		49	49	49	49
Maximum Outdoor Unit to Indoor Unit Pipe Length (ft.)		230	230	230	230
Piping Length (No Additional Refrigerant [ft.]; 16 ft. of Main Piping + 131 ft. of Branch Piping)		147	147	147	147
Maximum Elevation between BD Unit and Indoor Unit (ft.)		33	33	33	33
Maximum Elevation between BD Unit and BD Unit (ft.)		49	49	49	49

[1]At least one Branch Distribution Unit is required for system operation; a maximum of two can be installed per outdoor unit with use of Y-branch accessory (PMBL5620) To connect only one (1) indoor unit to a branch distribution unit, the system must include another branch distribution unit with at least one (1) connected indoor unit.

[2]Branch Distribution Unit can accommodate from one (1) indoor unit up to four (4) indoor units depending on the ports available on the Branch Distribution Unit.

[3]All power wiring / communication cables to be four-conductor, stranded, shielded, and must comply with applicable local and national codes.

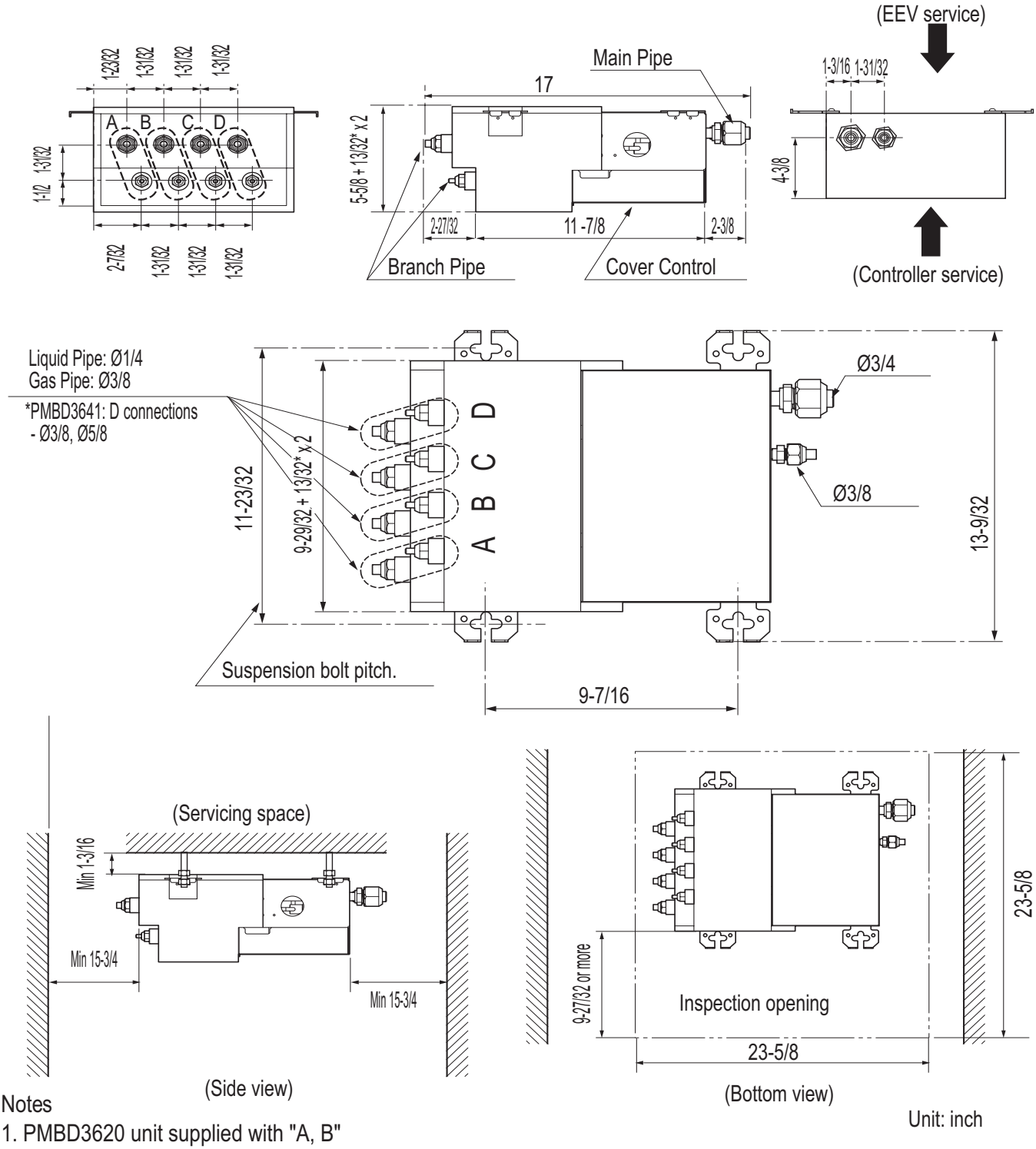
[4]Piping lengths are equivalent.

Due to our policy of continuous product innovation, some specifications may change without notification.
©LG Electronics U.S.A., Inc., Englewood Cliffs, NJ. All rights reserved. "LG" is a registered trademark of LG Corp.

MULTI F MAX BD UNIT

Dimensions

Figure 30: PMBD3620, PMBD3630, PMBD3640, and PMBD3641 External Dimensions.



Notes

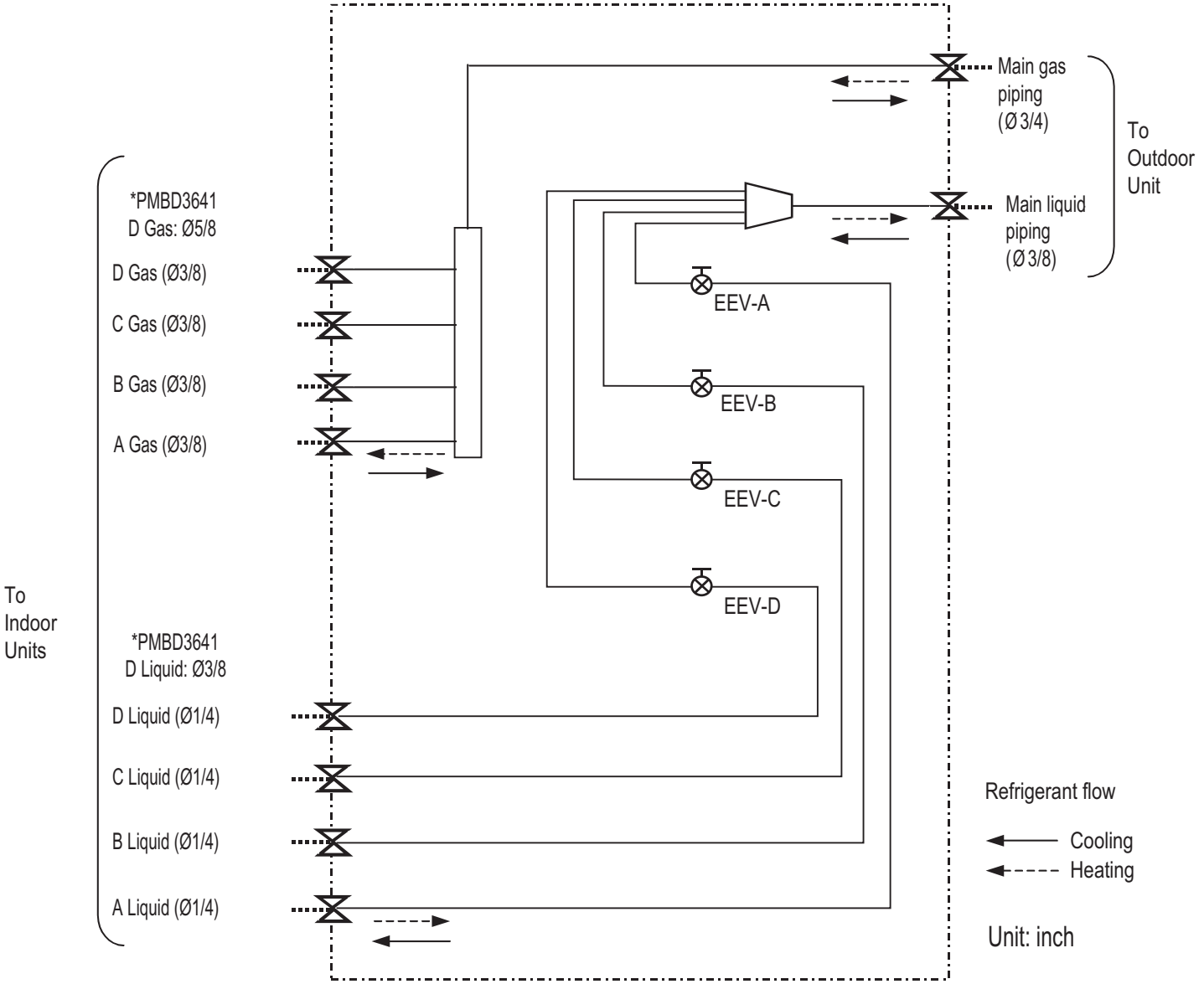
1. PMBD3620 unit supplied with "A, B"
2. PMBD3630 unit supplied with "A, B, C"
3. PMBD3640, PMBD3641 unit supplied with "A, B, C, D"
4. * Thickness of insulation

Due to our policy of continuous product innovation, some specifications may change without notification.
©LG Electronics U.S.A., Inc., Englewood Cliffs, NJ. All rights reserved. "LG" is a registered trademark of LG Corp.

MULTI F MAX BD UNIT

Refrigerant Flow Diagram

Figure 31: PMBD3620, PMBD3630, PMBD3640, PMBD3641 Refrigerant Flow Diagram.

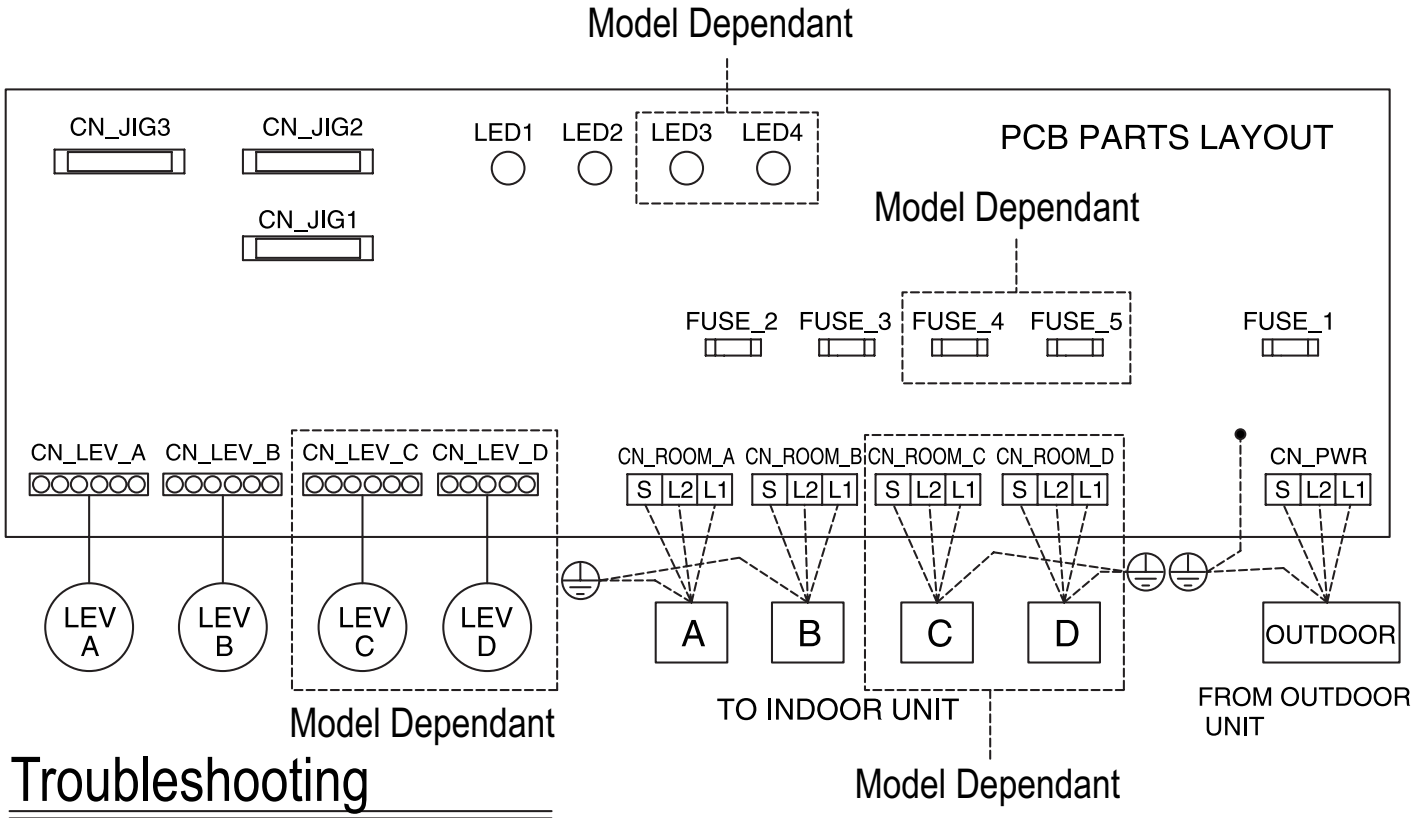


Note:

1. *Flare connections for field piping installation.*
2. *Match the BD ports to the indoor unit and outdoor unit piping sizes. Use an adapter if the piping size does not match the piping size of the connecting indoor unit.*
3. *EEV: Electronic Expansion Valve*
4. *PMBD3620 BD Unit supplied with "A, B".*
   PMBD3630 BD Unit supplied with "A, B, C".
   PMBD3640 and PMBD3641 BD Units supplied with "A, B, C, D".

Due to our policy of continuous product innovation, some specifications may change without notification.
©LG Electronics U.S.A., Inc., Englewood Cliffs, NJ. All rights reserved. "LG" is a registered trademark of LG Corp.

Figure 32: PMBD3620, PMBD3630, PMBD3640, PMBD3641 Wiring Diagram.



Troubleshooting

LED	DIAGNOSIS
	NORMAL
	ABNORMALITY -->CHECK BRANCH DISTRIBUTOR UNIT
	ABNORMALITY -->CHECK INDOOR OR OUTDOOR UNIT CHECK CONNECTING CABLE

Note:

PMBD3620 BD Unit supplied with "A, B".
PMBD3630 BD Unit supplied with "A, B, C".
PMBD3640 and PMBD3641 BD Units supplied with "A, B, C, D".

Due to our policy of continuous product innovation, some specifications may change without notification.
©LG Electronics U.S.A., Inc., Englewood Cliffs, NJ. All rights reserved. "LG" is a registered trademark of LG Corp.

MULTI F MAX BD UNIT

Multi F MAX Y-Branch Accessory

Y-Branch accessory PMBL5620 is required when installing two branch distribution units in parallel on one Multi F MAX system.

Table 155: Multi F MAX Y-Branch Specifications.

Model	Y-Branch Type	Port Identifier (inch)		
		1	2	3
PMBL5620	Liquid	Ø3/8	Ø3/8	Ø3/8
	Vapor	Ø3/4	Ø3/4	Ø3/4
	Y-Branch Type	Dimensions (inch)		
		X	Y	
	Liquid	13.80	3.24	
	Vapor	12.48	3.02	

Figure 33: Y-Branch Port Identifier Diagram.

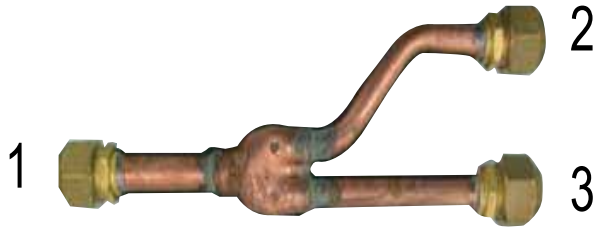
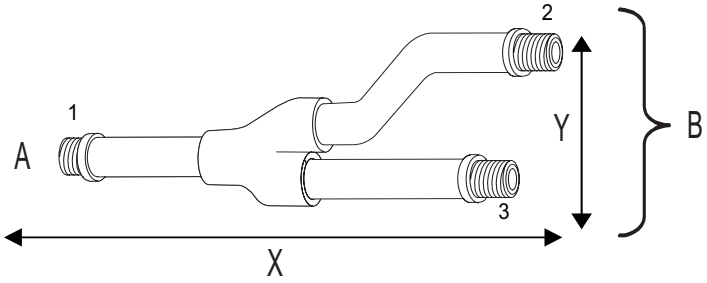


Figure 34: Y-Branch Dimensions Diagram.



A = To Outdoor Unit
B = To Branch Distribution Unit

Due to our policy of continuous product innovation, some specifications may change without notification.
©LG Electronics U.S.A., Inc., Englewood Cliffs, NJ. All rights reserved. "LG" is a registered trademark of LG Corp.

MULTI F MAX BD UNIT

Branch Distribution Unit Orientation

Multi F MAX Branch Distribution (BD) Units can be installed in a multitude of options to fit various building configurations and job or application requirements. Multi F MAX BD Units include electronic expansion valves that properly seat only if the BD Unit is installed in an acceptable orientation. Installations with improper BD Unit orientation risk incomplete valve seating and system performance degradation from potential refrigerant leakage through the electronic expansion valve.

Note:

This material is for informational or educational purposes only. It is not intended to be a substitute for professional advice. Consult with your engineer or design professionals for specific applications to your system

Figure 35: Acceptable BD Unit Ceiling Mount Orientations.

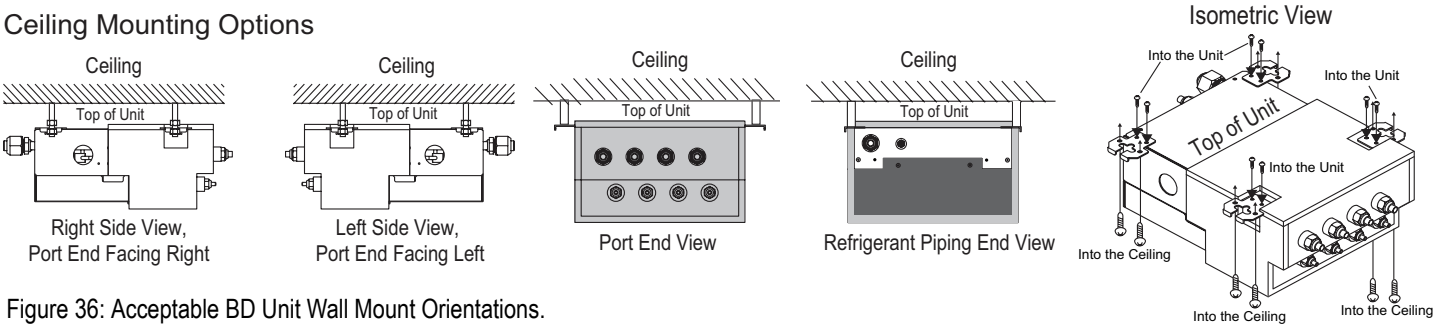


Figure 36: Acceptable BD Unit Wall Mount Orientations.

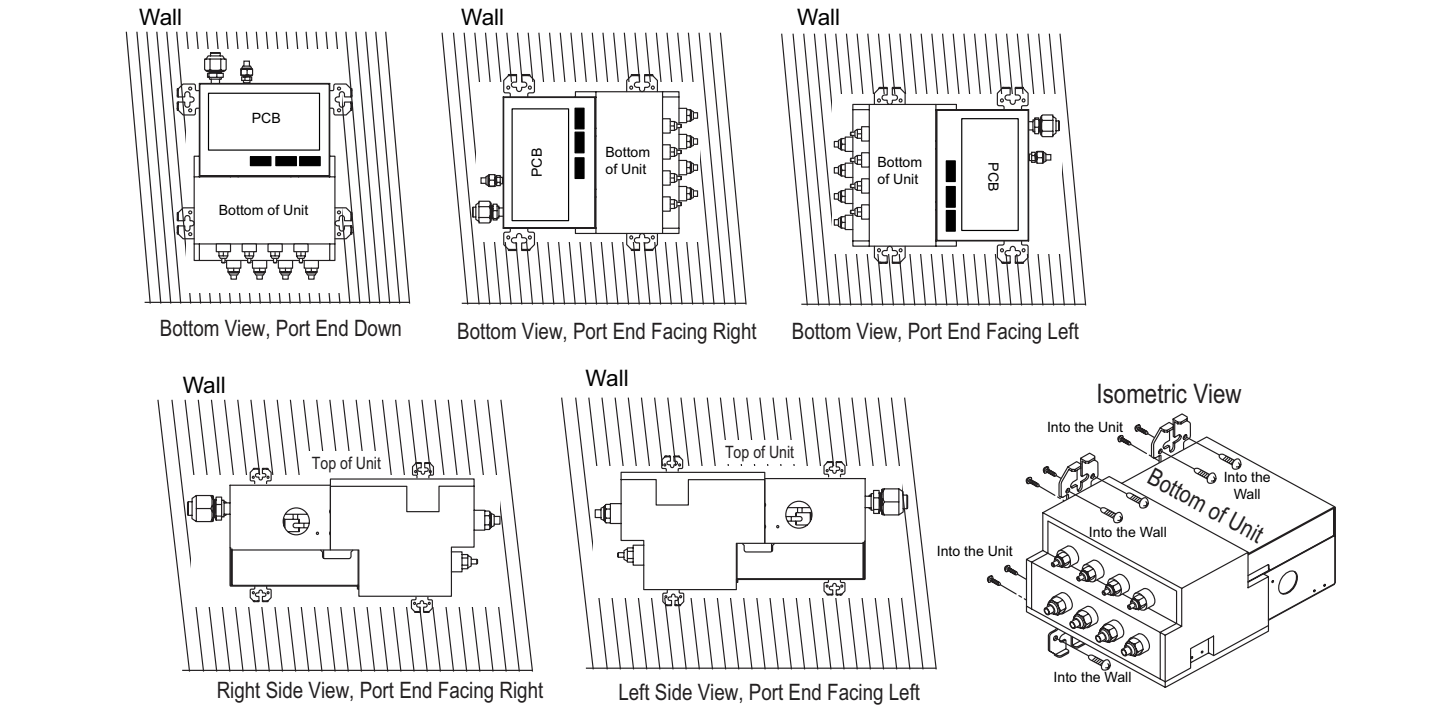
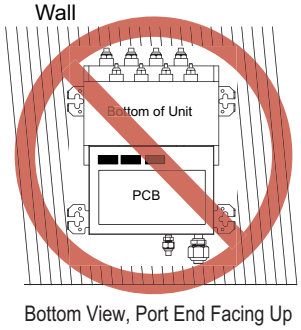


Figure 37: Unacceptable BD Unit Orientation.



Due to our policy of continuous product innovation, some specifications may change without notification.
©LG Electronics U.S.A., Inc., Englewood Cliffs, NJ. All rights reserved. "LG" is a registered trademark of LG Corp.

Due to our policy of continuous product innovation, some specifications may change without notification.
©LG Electronics U.S.A., Inc., Englewood Cliffs, NJ. All rights reserved. "LG" is a registered trademark of LG Corp.

APPLICATION GUIDELINES

“Equipment Selection Procedure” on page 180

“Building Ventilation Design Guide” on page 186

“Placement Considerations” on page 190

EQUIPMENT SELECTION PROCEDURE

MULTI F
MULTI F MAX

To choose the multi-zone system that is the most appropriate for the space, as with traditional air-conditioning systems, follow similar protocols outlined in Manual J from the Air Conditioning Contractors of America (ACCA; see www.acca.org).

1. Obtain the design conditions, and calculate the maximum cool and heat loads for the structure.

2. Select the equipment (choosing the appropriate indoor units and outdoor unit):
   - Determine number of zones.
   - Determine total number of indoor units (refer to zone load calculations when choosing indoor units).
   - Determine number of indoor units allocated to each outdoor unit, considering allowable indoor unit connections, both indoor unit and outdoor unit capacities, and system piping capabilities.

3. Determine the corrected capacity for the indoor units and outdoor unit using:
   - System Combination Tables.
   - Capacity Tables (it may be necessary to interpolate).
   - Capacity Coefficient Factors (such as refrigerant line length derates, design condition derates, defrost operation derate [heating mode], altitude derate [if applicable]).

4. Compare corrected capacities to load calculations.

5. Reselect equipment if necessary.

Obtain Design Conditions, Calculate Maximum Cool / Heat Loads

Obtain the winter outdoor/indoor temperature and summer and winter outdoor/indoor temperature design parameters for the location in which the system is installed. Determine if summer or winter design gains, relative humidity, and building features like skylights, orientation, number of occupants, etc., would change the total heat loss / gain and sensible / latent heat gain, and then calculate the maximum cool and heat loads for the space (using Manual J, or energy modeling programs).

Select the Equipment

Determine the Number of Zones

Multi F heat pump systems can cool or heat, but not simultaneously. When designing larger-capacity Multi F heat pump systems or a Multi F MAX system, the designer may be able to combine spaces with similar load profiles located near or adjacent to each other into “thermal zones.” After combining like spaces into zones that will be served by a single (or grouped) indoor unit(s), calculate the peak cooling and heating loads for each zone.

Choosing the Appropriate Indoor Units

Determine the appropriate indoor unit capacity that satisfies the given zone load calculations, choose how many (and which styles of) indoor units will be required. See Table 156 for allowable indoor unit to outdoor unit connections, and the maximum number of connectable indoor units on each Multi F and Multi F MAX outdoor unit. When choosing, also consider the cooling and heating CFM, featured airflow specifications, and static pressure (if applicable) for each indoor unit.

Avoid oversizing indoor units in an attempt to increase the air exchange rate in the space. Multi F and Multi F MAX systems are designed for minimum airflow over the coil to maximize latent capacity while cooling, maintain a comfortable, consistent discharge air temperature while heating, and minimize fan motor power consumption. In extreme cases, oversizing the indoor units may affect outdoor unit size selection and compromise the outdoor unit’s ability to effectively match the space load(s).

For proper system operation:

1. At least two indoor units must be connected to the outdoor unit.
2. Total connected indoor unit nominal capacity should be a minimum 40% and a maximum of 130% of outdoor unit nominal capacity.
3. To calculate the connected total indoor unit nominal capacity, simply sum up the nominal capacities of all indoor units. For 24,000 and 36,000 Btu/h indoor units, a 1.3 multiplier must first be applied before adding to the sum of other indoor units.

Due to our policy of continuous product innovation, some specifications may change without notification.
©LG Electronics U.S.A., Inc., Englewood Cliffs, NJ. All rights reserved. “LG” is a registered trademark of LG Corp.

EQUIPMENT SELECTION PROCEDURE

Table 156: Allowable Indoor Unit to Outdoor Unit Connections.

Indoor units		Outdoor units			
Model Type	Indoor Unit Nominal Capacity* (Btu/h)	LMU187HV	LMU247HV	LMU369HV	LMU540HV
		Maximum No. of Connectable Indoor Units			
	Btu/h	2	3	4	8
ART COOL Mirror	9,000	O	O	O	O
	12,000	O	O	O	O
	18,000	-	O	O	O
ART COOL Gallery	9,000	O	O	O	O
	12,000	O	O	O	O
Wall Mounted	9,000	O	O	O	O
	12,000	O	O	O	O
	18,000	-	O	O	O
Ceiling Concealed Duct-Low Static	9,000	O	O	O	O
	12,000	O	O	O	O
	18,000	-	O	O	O
Ceiling Concealed Duct-High Static	24,000	-	-	O	O
	36,000	-	-	-	O
Four-Way Ceiling Cassette	12,000	O	O	O	O
	18,000	-	O	O	O
Vertical-Horizontal Air Handler	24,000	-	-	O	O
	36,000	-	-	-	O

Choosing the Appropriate Outdoor Unit

After all indoor units are properly sized to offset the applicable loads in each zone, select the outdoor unit by choosing a size that meets both the load-cooling requirement, and offsets the sum of the heating load. Then, the system's combination ratio should be evaluated and confirmed it is within the allowable range (the combination ratio compares the nominal capacity of all connected indoor units to the nominal capacity of the outdoor unit serving them). The total nominal capacity of all indoor units should be smaller than the total nominal capacity of the outdoor unit. If the combination ratio is more than 100%, the designer is undersizing the outdoor unit relative to the combined nominal capacity of the connected indoor units. In some designs, oversized indoor units may be unavoidable in the case where the smallest size indoor unit available from LG is larger than what is necessary to satisfy the zone load. This scenario may also occur when an indoor unit selection one size down from the selected unit is slightly short of fulfilling the design load requirements, and the designer must choose the next largest size unit. Sometimes it is recommended to choose a larger capacity outdoor unit if the installation space is big enough. Also, it may be prudent to oversize the outdoor unit to address those times when the weather conditions may exceed the design conditions, to minimize the possibility of ventilation systems that causes the space temperature to drift outside design parameters, or when the indoor unit's entering air temperature falls outside the approved design temperature range.

Table 157: Nominal Outdoor Unit Capacity.

		Outdoor Units			
		LMU187HV	LMU247HV	LMU369HV	LMU540HV
Nominal Capacity (Btu/h)	Cooling	15,600	19,200	34,000	52,500
	Heating	17,000	26,400	41,000	58,000
Connectable Indoor Units	Minimum No. of Connectable Indoor Units	2	2	2	2
	Maximum No. of Connectable Indoor Units	2	3	4	8
	Maximum Capacity Index	24,000	33,000	48,000	73,000

Due to our policy of continuous product innovation, some specifications may change without notification.
©LG Electronics U.S.A., Inc., Englewood Cliffs, NJ. All rights reserved. "LG" is a registered trademark of LG Corp.

Determine the Corrected Capacity

The *corrected* cooling / heating capacity is different from the nominal (rated) cooling / heating capacity. The corrected capacity includes changes in unit performance after considering design temperatures, available capacity that can be allocated from the outdoor unit, pressure drop due to refrigerant line length, defrost operation in heating mode, and (if applicable) altitude. Depending on the location of the building, additional capacity correction factors may need to be applied.

Using the Outdoor Unit Cooling and Heating Capacity Tables

Nominal cooling capacity ratings are obtained with air entering the indoor unit at 80ºF dry bulb (DB) and 67ºF wet bulb (WB), and outdoor ambient conditions of 95ºF dry bulb (DB) and 75ºF wet bulb (WB). Nominal heating capacity ratings are obtained with air entering the indoor unit at 70ºF dry bulb (DB) and 60ºF wet bulb (WB) and outdoor ambient conditions of 47ºF dry bulb (DB) and 43ºF wet bulb (WB).

To evaluate the total outdoor unit capacity at design conditions, reference the Performance Data Capacity Tables found in the Multi F outdoor unit section in this manual. All design temperatures are not explicitly shown in the charts, therefore, interpolation may be necessary to calculate the capacity for specific design conditions. Based on the premise that capacity follows a linear curve, the following formula can be applied:

$$(y - y1) / (y2 - y1) = (x - x1) / (x2 - x1)$$

Where

y = Missing Capacity (Capacity at the Design Temperature).[1]
y1 = Capacity at Lower Temperature (Smaller value of the two nearest published TC datapoints).
y2 = Capacity at Higher Temperature (Higher value of the two nearest published TC datapoints).
x = Design Temperature (Temperature not shown in published capacity tables).[2]
x1 = (Smaller value of the two nearest published temperature datapoints).
x2 = (Larger value of the two nearest published temperature datapoints).

[1]Median between two published Total Capacity [TC] Btu/h datapoints in the capacity table.
[2]Median between two nearest published temperature datapoints.

Using the Indoor Unit Cooling and Heating Capacity Tables

The datapoints shown in the indoor unit cooling and heating capacity charts are based on (and convey) an indoor unit operating with maximum possible refrigerant flow from the outdoor unit and before any derates are applied. In other words, the capacities displayed reflect what the indoor unit would produce if it was the only indoor unit that required capacity, and the outdoor unit did not have to allocate any capacity to another indoor unit.

System operation with a combination of indoor units is not conveyed in these charts, however, the information can be used to calculate indoor unit allocated capacity (without using the system combination tables). Simply calculate by using the formula:

$$Qidu(combi) = Qodu(rated) \times \frac{Qidu(rated)}{\Sigma Qidu(rated)}$$

Where

Qidu(combi) = Individual Indoor Unit Combination Capacity.
Qodu(rated) = Outdoor Unit Rated Capacity.
Qidu(rated) = Individual Indoor Unit Rated Capacity.
ΣQidu(rated) = Total Connected Indoor Unit Rated Capacity.

Note:

The formula can be used to find individual indoor unit capacity for Multi F MAX systems.

Note:

A more accurate method to determine expected capacity would be to apply the outdoor unit's corrected capacity instead of rated capacity.

Due to our policy of continuous product innovation, some specifications may change without notification.
©LG Electronics U.S.A., Inc., Englewood Cliffs, NJ. All rights reserved. "LG" is a registered trademark of LG Corp.

EQUIPMENT SELECTION PROCEDURE

Using the System Combination Tables

Multi F system combination tables illustrate how each indoor unit receives a percentage of total outdoor unit rated capacity. Allocation is based on:

- Combinations of Non-Ducted Indoor Units
- Combinations of Ducted Indoor Units
- Combinations of Mixed Non-Ducted and Ducted Indoor Units

Multi F MAX system combination tables only show the total connected indoor unit capacity, but individual indoor unit capacity can be calculated using the formula:

$$Qidu(combi) = Qodu(rated) \times \frac{Qidu(rated)}{\Sigma Qidu(rated)}$$

Note:

A more accurate method to determine expected capacity would be to apply the outdoor unit's corrected capacity instead of rated capacity.

Capacity Coefficient Factors

Refrigerant Line Length Derates

For air-cooled systems, a capacity correction factor may have to be applied to account for the length of the system's refrigerant pipe. Rate of change in capacity due to increased piping lengths is shown in Tables 158 to 160.

Table 158: Multi F Outdoor Unit (Multiple Piping) to Indoor Unit Refrigerant Line Length Derates.

Piping Length (feet)	Cooling Capacity (%)	Heating Capacity (%)
9,000 Btu/h Indoor Unit Models		
25.0	100.0	100.0
32.8	98.0	99.0
49.2	94.8	97.4
65.6	91.6	95.8
82.0	88.4	94.2
12,000 Btu/h Indoor Unit Models		
25.0	100.0	100.0
32.8	97.6	98.6
49.2	93.8	96.4
65.6	89.9	94.1
82.0	86.1	91.9
18,000 Btu/h Indoor Unit Models		
25.0	100.0	100.0
32.8	98.6	99.6
49.2	96.4	99.0
65.6	94.1	98.3
82.0	91.9	97.7
24,000 Btu/h Indoor Unit Models		
25.0	100.0	100.0
32.8	98.2	99.2
49.2	95.4	98.0
65.6	92.4	96.6
82.0	89.6	95.4

Due to our policy of continuous product innovation, some specifications may change without notification.
©LG Electronics U.S.A., Inc., Englewood Cliffs, NJ. All rights reserved. "LG" is a registered trademark of LG Corp.

Table 159: Multi F MAX Outdoor Unit to Branch Distribution Unit Refrigerant Line Length Derates.

Main Piping Length (feet)	16.4	32.8	49.2	65.6	82.0	98.4	114.8	131.2	147.6	164.0	180.4
Cooling Capacity (%)	100.0	98.8	97.3	95.8	94.3	92.8	91.3	89.8	88.3	86.8	85.3
Heating Capacity (%)	100.0	99.6	99.2	98.7	98.3	97.8	97.4	96.9	96.5	96.0	95.6

Figure 38: Multi F MAX Outdoor Unit to Branch Distribution Unit Refrigerant Line Length Derate Chart.

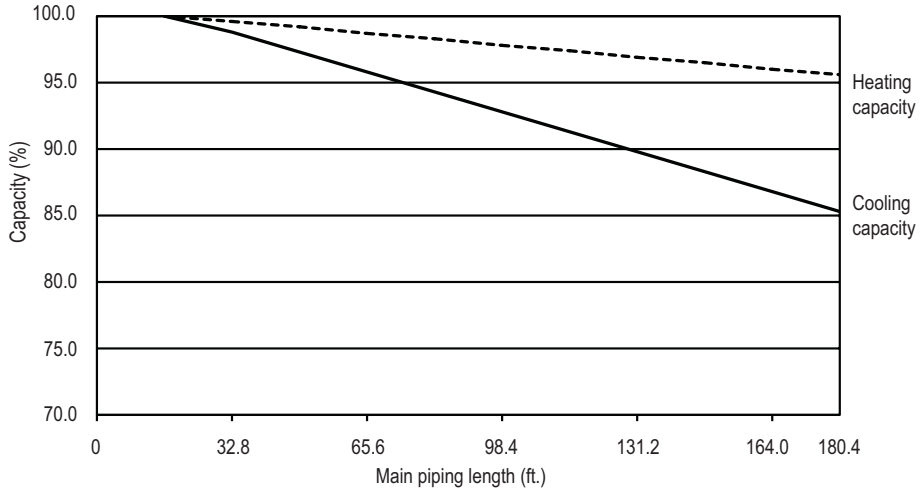


Table 160: Multi F MAX Branch Distribution Unit to Indoor Unit Refrigerant Line Length Derates.

Piping Length (feet)	Cooling Capacity (%)	Heating Capacity (%)
9,000 Btu/h Indoor Unit Models		
16.4	100.0	100.0
32.8	97.5	98.8
49.2	95.0	97.5
12,000 Btu/h Indoor Unit Models		
16.4	100.0	100.0
32.8	97.0	98.3
49.2	94.0	96.5
18,000 Btu/h Indoor Unit Models		
16.4	100.0	100.0
32.8	98.3	99.5
49.2	96.5	99.0
24,000 Btu/h Indoor Unit Models		
16.4	100.0	100.0
32.8	97.8	99.2
49.2	95.5	98.4
36,000 Btu/h Indoor Unit Models		
16.4	100.0	100.0
32.8	97.9	98.8
49.2	95.7	97.6

Due to our policy of continuous product innovation, some specifications may change without notification.
©LG Electronics U.S.A., Inc., Englewood Cliffs, NJ. All rights reserved. "LG" is a registered trademark of LG Corp.

EQUIPMENT SELECTION PROCEDURE

Altitude Correction Factor

The impact of air density must be considered on systems installed at a significant altitude above sea level, therefore, locally accepted altitude correction factors must be applied.

Defrost Correction Factor for Heating Operation

The outdoor unit heating capacity may need to be adjusted for frost accumulation on air-cooled systems. If design day conditions are below the dewpoint of the surrounding air, frost may not be a problem and no correction factor is needed. In certain weather conditions, however, frost may form and accumulate on the air-cooled outdoor unit coil and impact the coils ability to transfer heat. If significant frost accumulates on the outdoor unit coil, a defrost algorithm will start automatically. The timing between defrost periods is determined by the system's ability to achieve a target head pressure value.

Capacity and AHRI ratings tables do not factor in capacity reduction when frost has accumulated on the condenser coil, nor during defrost operation.

Integrated heating capacity values can be obtained using the formula:

A = B x C

Where:

A = Integrated Heating Capacity.
B = Value found in the Capacity Table.
C = Correction Factor for Frost Accumulation Factor (from Table 161).

Table 161: Outdoor Unit Frost Accumulation Factor (Heating)[1].

Entering DB (°F)	19.4	23.0	26.6	32.0	37.4	41.0	44.6
Derate factor	0.98	0.95	0.93	0.86	0.93	0.96	1.0

[1]At 85% outdoor air relative humidity.

The frost accumulation factor does not account for effects of snow accumulation restricting airflow through the outdoor unit coil.

Note:

There will be temporary reduction in capacity when frost / ice accumulates on the outside surface of the outdoor unit heat exchanger. The level of capacity reduction depends on a number of factors, for example, outdoor temperature (°F DB), relative humidity (RH), and the amount of frost present.

Check the Indoor and Outdoor Unit Selection(s)

Compare the corrected cooling and heating capacities to the load calculations. Is each capacity sufficient for the zone it serves?

For each indoor unit, the corrected capacity must be at least equal to the total of the cooling design load (plus ventilation load, if applicable) for the space(s) served by the indoor unit. For each indoor unit, the corrected capacity also must be at least equal to the total of the heating design load (plus ventilation load, if applicable) for the space(s) and / or thermal zones served by the indoor unit.

The outdoor unit selected should be large enough to offset the total cooling load for all spaces it serves (account for ventilation air cooling load if the ventilation air has not been pretreated to room neutral conditions). The outdoor unit should also be large enough to offset the total heating load for all spaces it serves.

If the corrected heating capacity ratio exceeds 100%, reselect the equipment, or change the system design by moving some of the load to another system.

System Sizing Check Formulas

1. Outdoor Unit Rated Capacity.
$Q_{odu(rated)}$ (From capacity tables).

2. Outdoor Unit Capacity at Ti, To Temperature.
$Q_{odu(Ti, To)}$ (From capacity tables).

3 Outdoor Unit Capacity Coefficient Factor.
$F_{(Ti, To)} = Q_{odu(Ti, To)} / Q_{odu(rated)}$

4. Piping Correction Factor (From Capacity Coefficient Factor Tables).
$F_{(length)}$ for each piping length

5. Individual Indoor Unit Combination Capacity.
$Q_{idu\ (combi)} = Q_{odu(rated)} \times Q_{idu(rated)} / Q_{idu(rated\text{-}total)}$

6. Individual Indoor Unit Actual Capacity.
$Q_{idu\ (actual)} = Q_{odu(combi)} \times F_{(Ti, To)} \times F_{(length,\ altitude)}$

Conclusions and Recommendations

- Understand the design safety factors.
- Reference load calculations for actual cooling and heating capacities (applies in 99% of applications – consider total load when latent load is greater than 30%).
- Verify that the sensible load of the zone is satisfied.
- Use caution when sizing to meet listed capacity specifications for the scheduled manufacturer's equipment.

If further system design assistance is needed, or you have a unique application you would like to discuss, contact your LG sales rep.

Due to our policy of continuous product innovation, some specifications may change without notification.
©LG Electronics U.S.A., Inc., Englewood Cliffs, NJ. All rights reserved. "LG" is a registered trademark of LG Corp.

ASHRAE Standards 62.1 and 62.2 (depending on if the building is residential or commercial), and local codes specify the minimum volume of airflow that must be provided to an occupied space. Outdoor air is required to minimize adverse health effects, and it provides acceptable indoor air quality for building occupants. Indoor units located within the zone typically require less airflow to condition the space. During the design phase, refer to the airflow capabilities listed in the specification tables for each product. Choose the best method for the application out of the five (5) ventilation options available.

Note:

Disclaimer

Although we believe that these building ventilation methods have been portrayed accurately, none of the methods have been tested, verified, or evaluated by LG Electronics, U.S.A., Inc., In all cases, the designer, installer, and contractor should understand if the suggested method is used, it is used at their own risk. LG Electronics U.S.A., Inc., takes no responsibility and offers no warranty, expressed or implied, of merchantability or fitness of purpose if this method fails to perform as stated or intended.

- *For a complete copy of ASHRAE Standard 62.1 and 62.2, refer to the American Standard of Heating and Air Conditioning Engineers (ASHRAE) website at www.ashrae.org.*

Method 1: Natural Ventilation (Non-Ducted, Unconditioned Outdoor Air)

Natural ventilation devices, such as operable windows or louvers may be used to ventilate the building when local code permits.

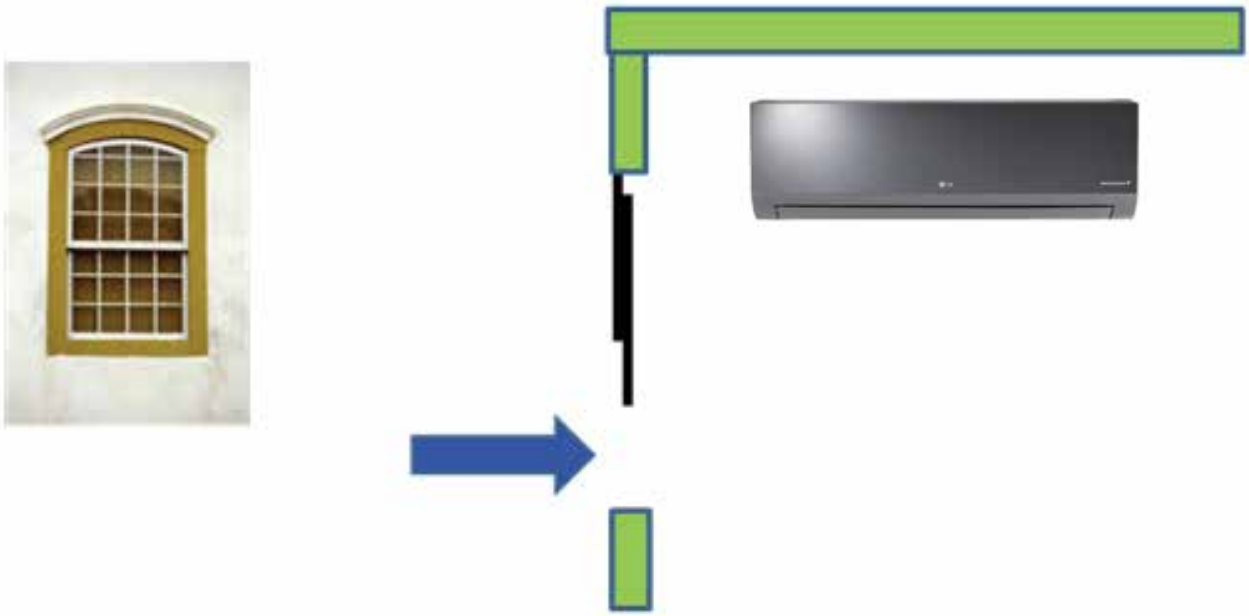
Advantages

- Occupants control the volume of the ventilation air manually.
- Useful for historic buildings that have no ceiling space available for outdoor air ductwork.
- May be used with the full lineup of Multi F indoor units.

Disadvantages

- In some locations, it may be difficult to control humidity levels when windows are open.
- Thermal comfort levels may be substandard when windows are open.
- Indoor units may have to be oversized to account for the added heating and cooling loads when windows are open.
- Provides outdoor air to perimeter spaces only. Additional mechanical ventilation system may be required to satisfy requirements for interior spaces.
- Outdoor air loads may be difficult to calculate since the quantity of outdoor air is not regulated.
- May affect indoor unit proper operation when open.

Figure 39: Natural Ventilation (Non-Ducted, Unconditioned Outdoor Air).



Due to our policy of continuous product innovation, some specifications may change without notification.
©LG Electronics U.S.A., Inc., Englewood Cliffs, NJ. All rights reserved. "LG" is a registered trademark of LG Corp.

Method 2: Unconditioned Outdoor Air (Non-Ducted, Fan Assisted Ventilation)

When approved by local codes, the fan assisted ventilation method uses exhaust fans to remove air from the building, and outdoor air is drawn into occupied spaces through a wall louver or gravity roof intake hood. Supply fans can also be used to push the outdoor air into the space and building positive pressure will vent the exhaust air through louvers or roof-mounted exhaust hoods. Outdoor air is neither cooled nor heated before entering the building.

Note:

This may result in loss of building pressurization control, increasing infiltration loads with adverse effects.

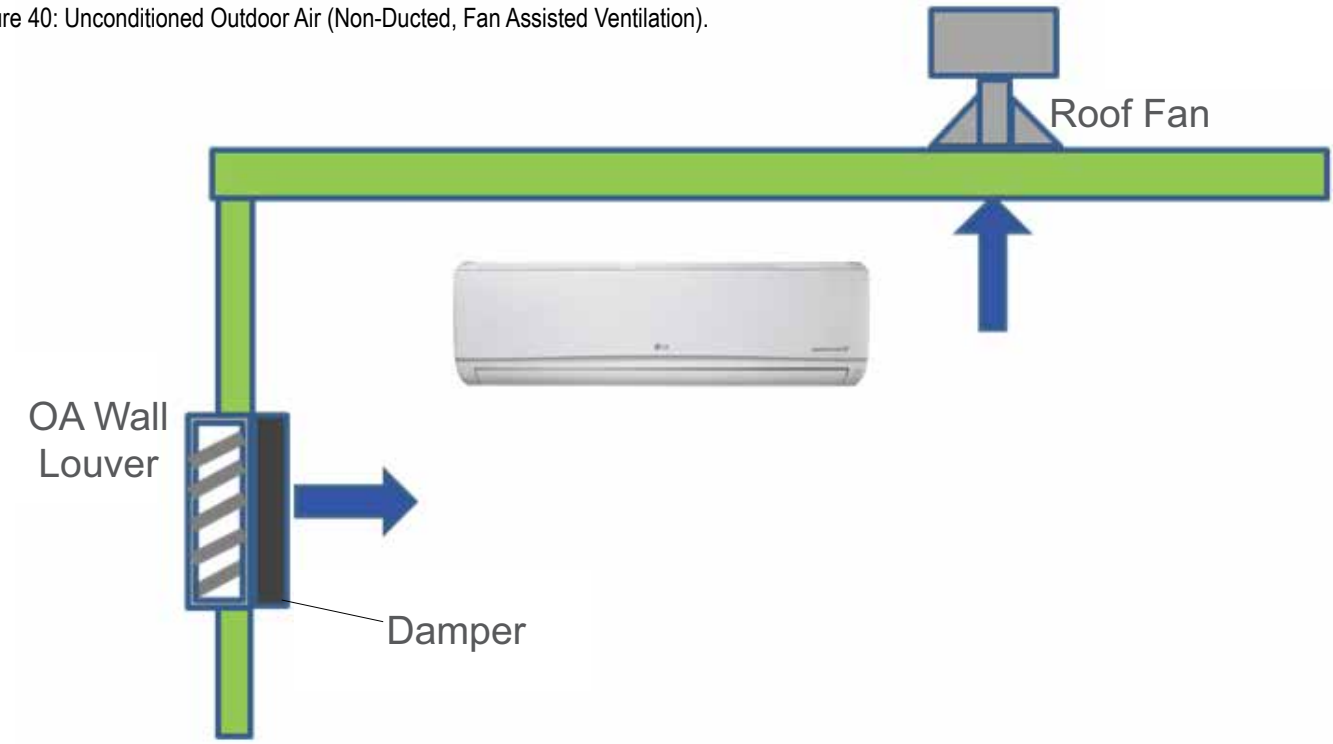
Advantages

- Outdoor air may be manually controlled by the occupant or automatic controls may be installed to open/close outdoor air dampers or to turn on/off ventilation fans.
- Useful for large open spaces like warehouses, garages, and workshops.
- Outdoor air volume is a known quantity. Air loads may be easier to calculate since fans will regulate the amount of outdoor air.
- May be used with the full lineup of Multi F indoor units.

Disadvantages

- In some locations of the country, it may be difficult to control humidity levels.
- Indoor units may have to be oversized to account for the added heating/cooling loads when louvers/hoods are open.
- Hot, cold, and/or humid areas may be present if the outdoor air is not evenly distributed to the different spaces.

Figure 40: Unconditioned Outdoor Air (Non-Ducted, Fan Assisted Ventilation).



Due to our policy of continuous product innovation, some specifications may change without notification.
©LG Electronics U.S.A., Inc., Englewood Cliffs, NJ. All rights reserved. "LG" is a registered trademark of LG Corp.

Method 3: Unconditioned Outdoor Air Ducted to Indoor Units

Untreated outdoor air is channeled through a duct system that is piped to the return air duct on Multi F ducted indoor units or to the frame of Multi F four-way cassettes.

Note:

Outside air may flow backward through the return air-filter grille when the indoor unit fan speed slows or stops in response to changes in the space load. This may result in captured particulate on the filter media being blown back into the conditioned space.

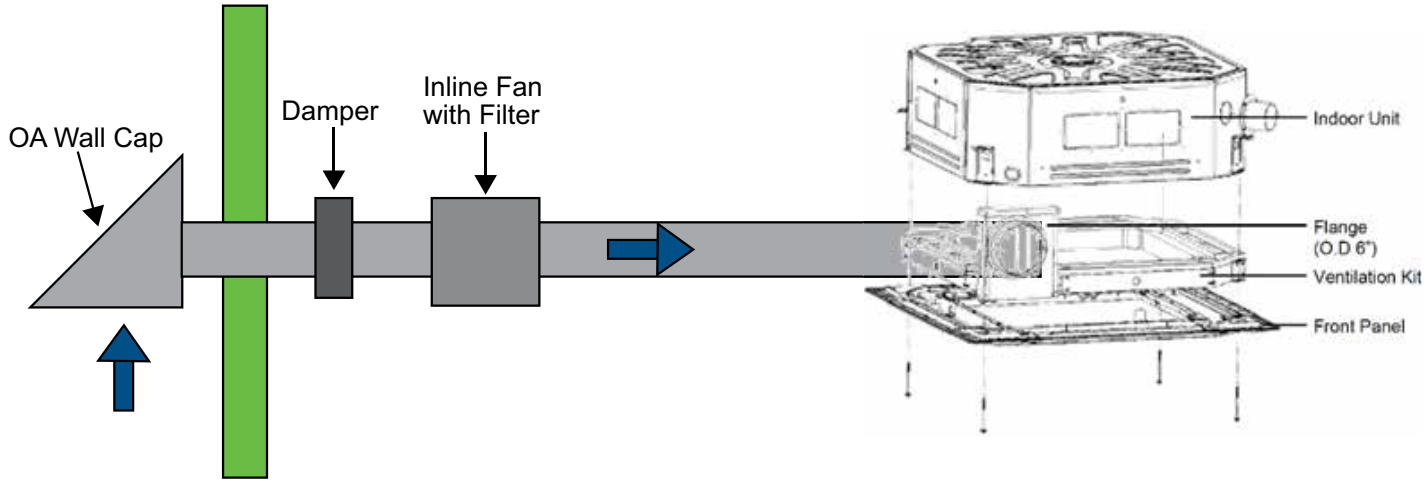
Advantages

- May require less ductwork if indoor units are placed near outdoor walls or a roof deck.
- Controls must be interlocked to shut off the outdoor air supply fan when the space is unoccupied.
- Third-party demand-control ventilation controls may be installed to regulate outdoor intake based on the CO_2 levels of the occupied space.

Disadvantages

- Fan(s) will be required to push outdoor air to the indoor unit to overcome the additional static pressure.
- Filter required to be added to the outdoor air duct.
- Ducted and four-way cassette models are the only indoor units that accept the connection of an outdoor air duct to the unit case.
- In most cases, in lieu of using the factory mounted return-air thermistor on indoor units, a remote wall temperature sensor or zone controller will be needed to provide an accurate reading of the conditioned area temperature.
- Unconditioned outdoor air may affect indoor unit performance, which may necessitate oversizing the indoor unit.

Figure 41: Unconditioned Outdoor Air Ducted to Indoor Units.



Due to our policy of continuous product innovation, some specifications may change without notification.
©LG Electronics U.S.A., Inc., Englewood Cliffs, NJ. All rights reserved. "LG" is a registered trademark of LG Corp.

Method 4: Coupled Dedicated Outdoor Air (CDOA)

A separate, dedicated outdoor air system delivers air directly to a Multi F indoor unit or to the return air duct system. After mixing with the return air stream, ventilation air passes through the indoor unit and into the conditioned space. The pretreatment system is capable of filtering, conditioning, and dehumidifying outdoor air to room neutral conditions.

Note:

Outside air may flow backward through the return air-filter grille when the indoor unit fan speed is reduced or stops when the space load is satisfied. This may result in captured particulate on the filter media being blown back into the conditioned space.

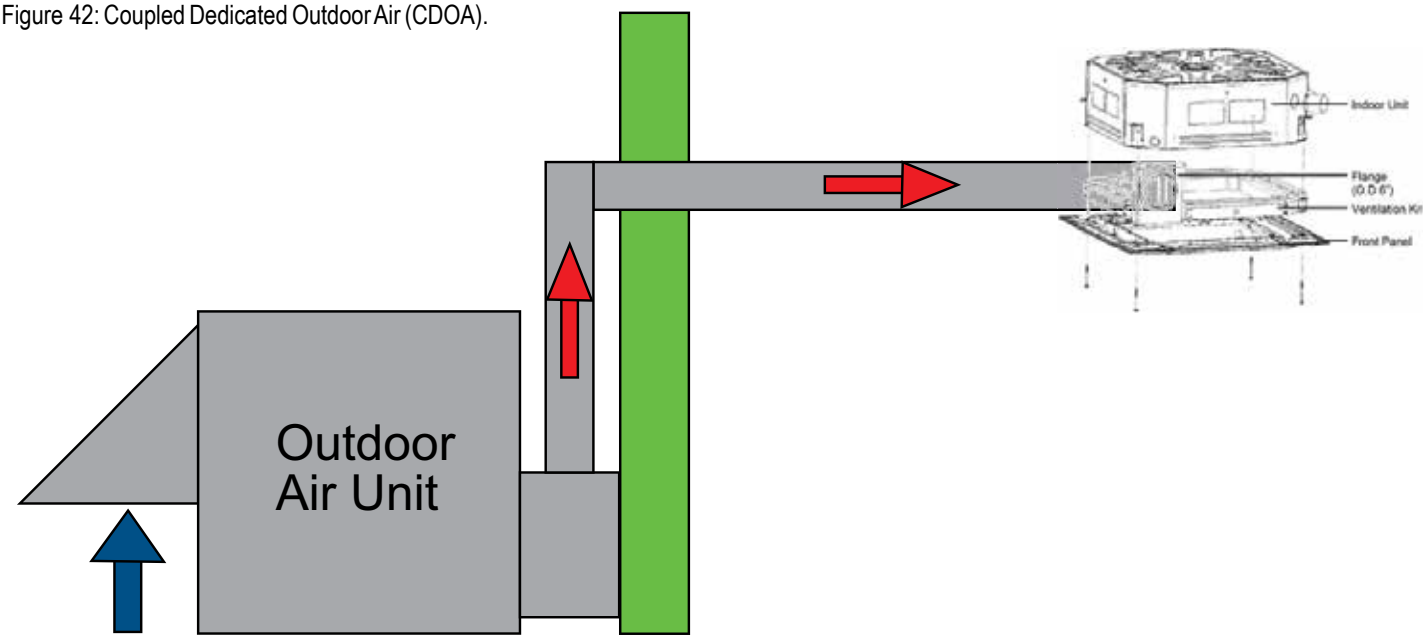
Advantages

- Indoor unit capacity may not need to be increased because of outdoor air.
- Fan and filter system is centralized to the main outdoor air unit.

Disadvantages

- Ducted and four-way cassette indoor units are the only models designed for direct connection of an outside air duct.
- Ceiling space is required for ductwork.
- Failure of outdoor air may impact indoor unit operation.
- In lieu of using the factory mounted return-air thermistor, a remote wall temperature sensor or zone controller may be required to provide an accurate conditioned space temperature reading.

Figure 42: Coupled Dedicated Outdoor Air (CDOA).



Due to our policy of continuous product innovation, some specifications may change without notification.
©LG Electronics U.S.A., Inc., Englewood Cliffs, NJ. All rights reserved. "LG" is a registered trademark of LG Corp.

Method 5: Decoupled Dedicated Outdoor Air System (DDOAS)

Provide a separate, dedicated outdoor-air system designed to filter, condition, and dehumidify ventilation air and deliver it directly to the conditioned space through a separate register or grille. This approach requires a separate independent ventilation duct system not associated with the Multi F system.

Note:

LG recommends using the DDOAS method in all installations.

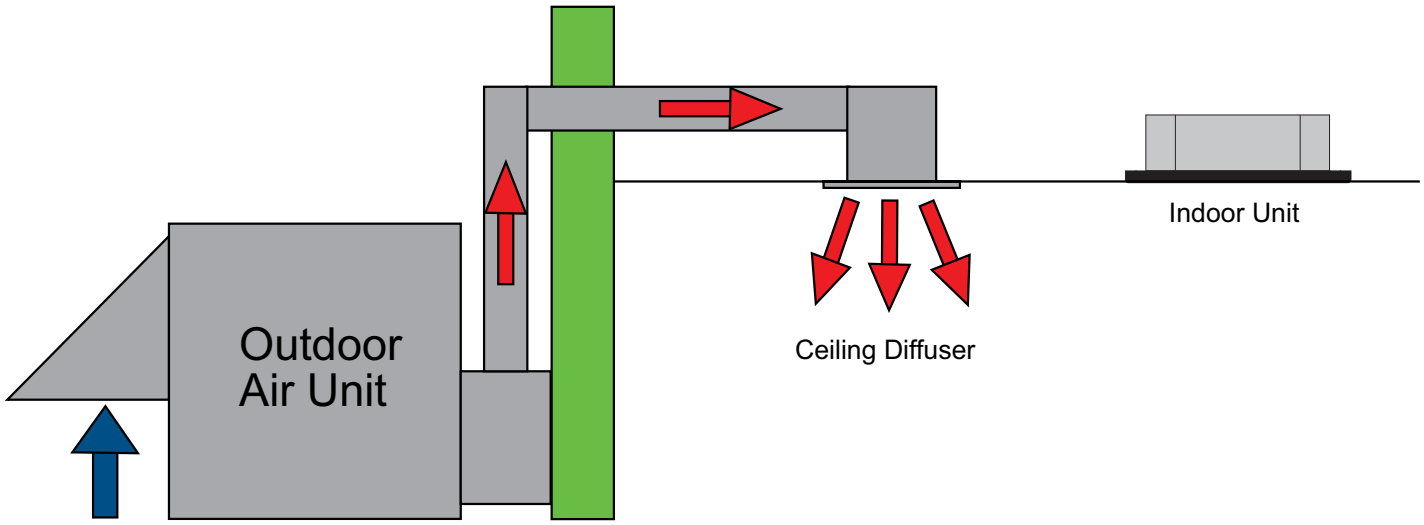
Advantages

- Does not add additional heating or cooling loads to indoor units.
- May be used with the full lineup of Multi F indoor units.
- Failure of outdoor unit does not impact operation of indoor unit, the resulting untreated air will be readily noticed by the occupants.
- The outdoor air unit may supply "neutral" air to the occupant space even when the Multi F indoor unit fan changes speed or cycles on and off. DDOAS controls do not have to be interlocked with the Multi V F system.
- In lieu of installing localized smaller outside air treatment equipment throughout the building, this method centralizes the ventilation air source making service and filter changes easier and less disruptive for the building occupants.
- Third-party demand control ventilation controls are more readily accommodated.
- Indoor unit operation and performance will not be affected by the condition of outdoor air.

Disadvantages

- Ceiling space is required to accommodate ductwork between the outdoor air unit and ceiling diffusers.

Figure 43: Decoupled Dedicated Outdoor Air System (DDOAS).



Due to our policy of continuous product innovation, some specifications may change without notification.
©LG Electronics U.S.A., Inc., Englewood Cliffs, NJ. All rights reserved. "LG" is a registered trademark of LG Corp.

PLACEMENT CONSIDERATIONS

Selecting the Best Location for the Indoor Units

Select a location for installing the indoor units that will meet the following conditions:

- Within allowable parameters for proper connection to the outdoor unit (or Branch Distribution unit, if a Multi F MAX system).
- No obstacles to air circulation around the unit; keep proper distances from ceilings, doorways, floor, walls, etc.
- So that condensation drainage can be conveniently routed away.
- Include enough space around the indoor unit so that it is accessible for maintenance and service purposes.
- Where electrical noise / electromagnetic waves will not affect indoor unit operation. Maintain proper distances between the indoor units and electric wires, audio and visual appliances, breaker / circuit panels, etc. If the frequency signal of the appliance is unstable, then install the indoor unit a minimum of ten (10) feet away, and run the power and transmission cables through a conduit.
- An area that is level and with enough strength to bear the weight of the indoor unit(s).
- An area where operation sound won't disturb occupants.
- An area that does not expose the indoor unit(s) to heat, water, steam, oil splattering or spray.

Selecting the Best Location for the Branch Distribution (BD) Unit

BD units are used only with Multi F MAX systems to distribute the refrigerant from the outdoor unit to up to eight indoor units. Select location indoors that will meet the following conditions:

- Within allowable parameters for proper connection to the Multi F MAX outdoor unit and indoor unit(s); refrigerant piping and wire lengths must not exceed amounts specified by LG Electronics, U.S.A., Inc.
- No obstacles to air circulation around the unit; keep proper distances from ceilings, doorways, floor, walls, etc.
- Condensate drain piping is not required.
- Ensure there is enough space in the installation area for service purposes; install the refrigerant piping and electrical wiring system in an easily accessible location.
- Do not install the BD unit in a location where it would be subjected to strong radiation heat from heat sources.
- Avoid an installation environment where the BD unit would be exposed to heat, water, steam, oil splattering or spray.
- Where high-frequency electrical noise / electromagnetic waves will not affect operation. Maintain proper distances between the BD unit(s) and electric wires, audio and visual appliances, breaker / circuit panels, etc.
- Level where there is enough strength to bear the weight of the BD unit.
- Install the unit in a location where any sound it generates will not disturb occupants in the surrounding rooms.

Selecting the Best Location for the Outdoor Unit

Select a location for installing the outdoor unit that will meet the following general conditions:

- A location strong enough to bear the weight of the outdoor unit.
- A location that allows for optimum air flow and is easily accessible for inspection, maintenance, and service.
- Where piping between the outdoor unit, indoor unit(s), and BD units (Multi F MAX systems only) are within allowable limits.
- Where it will not be subjected to direct thermal radiation from other heat sources, nor an area that would not expose the outdoor unit to heat or steam like discharge from boiler stacks, chimneys, steam relief ports, other air conditioning units, kitchen vents, plumbing vents, and other sources of extreme temperatures.
- Where operating sound from the unit will not disturb inhabitants of surrounding buildings.
- Where the unit will not be exposed to direct, strong winds.
- Where high-frequency electrical noise / electromagnetic waves will not affect operation.
- Include space for drainage to ensure condensate flows properly out of the unit when it is in heating mode. Avoid placing the outdoor unit in a low-lying area where water could accumulate.

Note:

When deciding on a location to place the outdoor unit, be sure to choose an area where run-off from defrost mode will not accumulate and freeze on sidewalks or driveways.

- To avoid the possibility of fire, do not install the unit in an area where combustible gas may generate, flow, stagnate, or leak.
- Don't install the unit in a location where oil, acidic solutions, sprays, or dust (sulfur, carbon, other corrosive materials) are present / often used.

Due to our policy of continuous product innovation, some specifications may change without notification.
©LG Electronics U.S.A., Inc., Englewood Cliffs, NJ. All rights reserved. "LG" is a registered trademark of LG Corp.

PLACEMENT CONSIDERATIONS

Rooftop Installations

If the outdoor unit is installed on a roof structure, be sure to level the unit. Ensure the roof structure and anchoring method are adequate for the unit location. Consult local codes regarding rooftop mounting.

Oceanside Installation Precautions

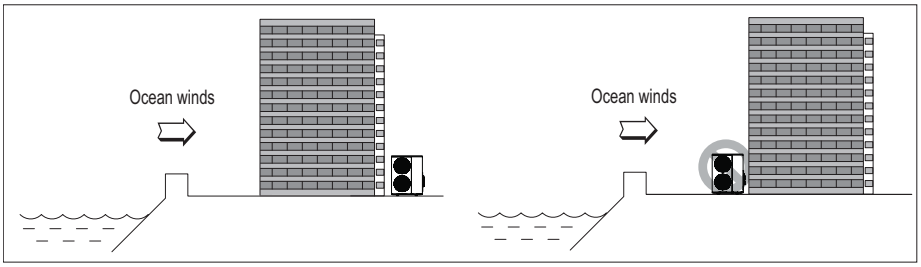
- Avoid installing the outdoor unit where it would be directly exposed to ocean winds.
- Install the outdoor unit on the side of the building opposite from direct ocean winds.
- Select a location with good drainage.
- Periodically clean dust or salt particles off of the heat exchanger with water.

Note:

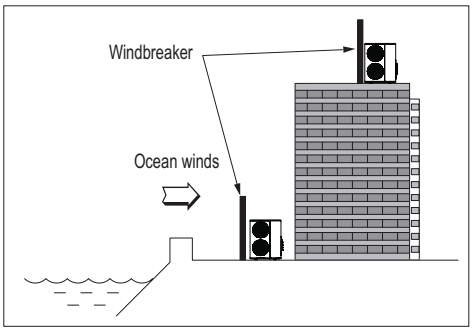
Additional anti-corrosion treatment may need to be applied to the outdoor unit at oceanside locations.

Note:

Ocean winds may cause corrosion, particularly on the condenser and evaporator fins, which, in turn could cause product malfunction or inefficient performance.



If the outdoor unit must be placed in a location where it would be subjected to direct ocean winds, install a concrete windbreaker strong enough to block any winds. Windbreaker height and width should be more than 150% of the outdoor unit, and be installed at least 27-1/2 inches away from the outdoor unit to allow for airflow.



Planning for Snow and Ice

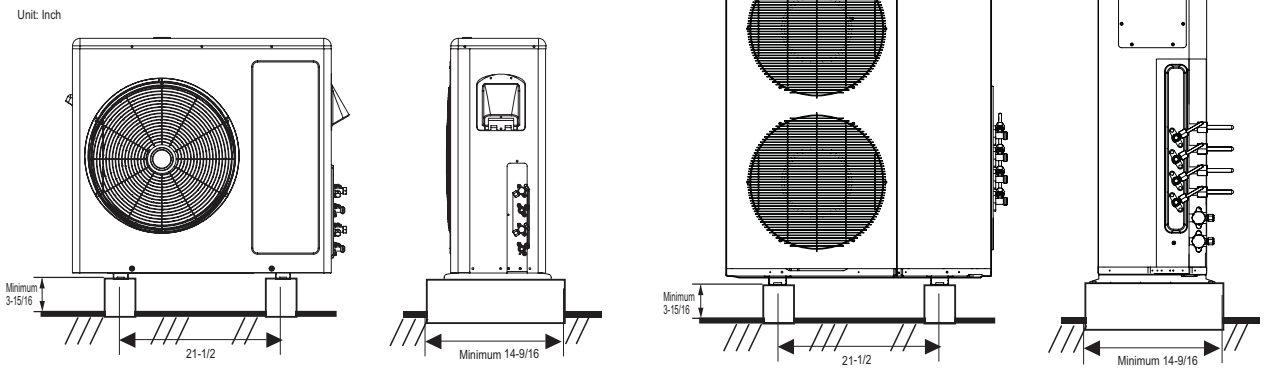
In climates that experience snow buildup, place the unit on a suitably high platform to ensure proper condenser airflow. The raised support platform must be high enough to allow the unit to remain above possible snow drifts. Mount the unit on a field-provided snow stand at a minimum height that is equal to the average annual snowfall, plus 20 inches. Design the mounting base to prevent snow accumulation on the platform in front or back of the unit case. If necessary, provide a field fabricated hood to keep snow and ice and/or drifting snow from accumulating on the coil surfaces. Use inlet and discharge duct or hoods to prevent snow or rain from accumulating on the fan inlet and outlet guards. Best practice prevents snow from accumulating on top of the unit. Consider tie-down requirements in case of high winds or where required by local codes.

Due to our policy of continuous product innovation, some specifications may change without notification.
©LG Electronics U.S.A., Inc., Englewood Cliffs, NJ. All rights reserved. "LG" is a registered trademark of LG Corp.

PLACEMENT CONSIDERATIONS

Outdoor Unit Platform Requirements

Figure 44: Outdoor Unit Foundation Requirements.

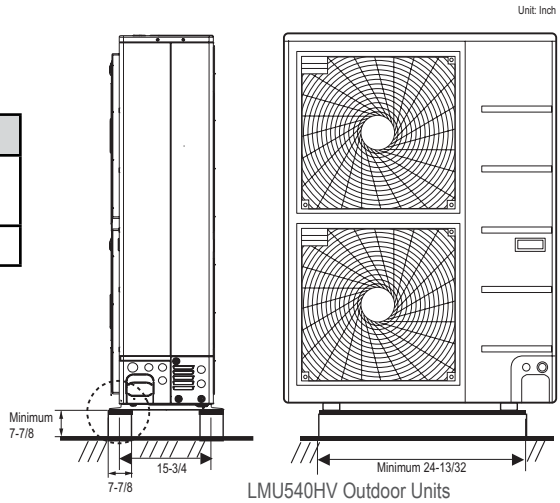


LMU187HV and LMU247HV Outdoor Units

LMU369HV Outdoor Units

Table 162: Outdoor Unit Foundation Specifications.

Outdoor Unit Type	Bolt Type	Concrete Height	Bolt Depth
LMU187HV, LMU247HV, LMU369HV	M10-J	Minimum 3-15/16 inches	Minimum 2-3/4 inches
LMU540HV	M10-J	Minimum 7-7/8 inches	Minimum 2-3/4 inches

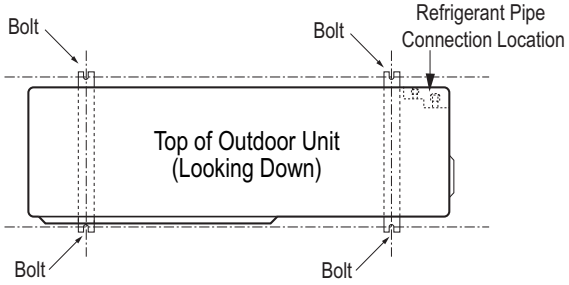


LMU540HV Outdoor Units

Bolting the Outdoor Unit to the Platform

1. Ensure that the concrete platform will not degrade easily, and has enough strength to bear the weight of the unit.
2. Include an H-beam support. Firmly attach the corners, otherwise the support will bend.
3. Use a hexagon nut.
4. Use anti-vibration material.
5. Include enough space around the concrete foundation for condensate drainage.
6. Seal all wiring and piping access holes to prevent bugs from entering the unit.

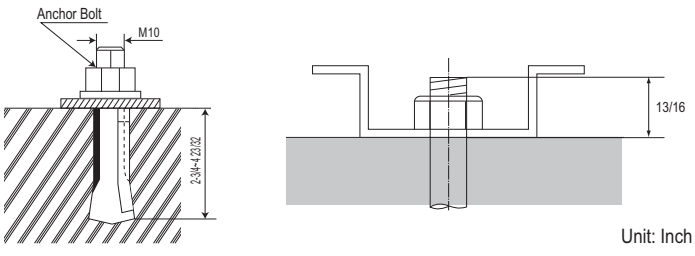
Figure 45: Bolting the Outdoor Unit to the Platform.



Concrete Platform Specifications

- Concrete foundations should be made of one part cement, two parts sand, and four parts gravel.
- The surface of the foundation should be finished with mortar with rounded edges, and weatherproofed.

Figure 46: Close up of Bolt Attachment.



Due to our policy of continuous product innovation, some specifications may change without notification.
©LG Electronics U.S.A., Inc., Englewood Cliffs, NJ. All rights reserved. "LG" is a registered trademark of LG Corp.

Tie-Downs and Lightening Protection

Tie-Downs

- The strength of the roof must be checked before installing the outdoor units.
- If the installation site is prone to high winds or earthquakes, when installing on the wall or roof, securely anchor the mounting base using a field-provided tie-down configuration approved by a local professional engineer.
- The overall tie-down configuration must be approved by a local professional engineer. Always refer to local code when using a wind restraint system.

Lightening Protection

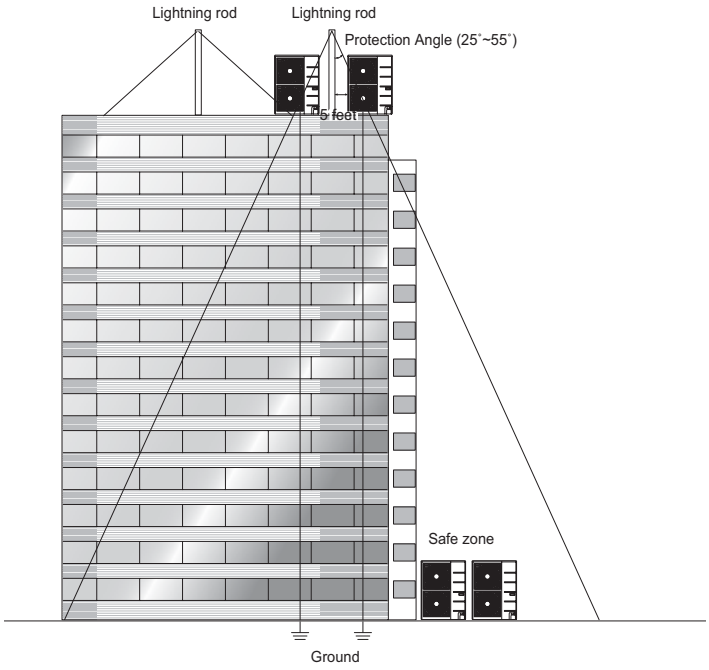
- To protect the outdoor unit from lightning, it should be placed within the specified lightning safety zone.

Table 163: Safety Zone Specifications.

Building Height (feet)	66	98	148	197
Protection Angle (˚)	55	45	35	25

- Power cable and communication cable should be installed five (5) feet away from lightning rod.
- A high-resistance ground system should be included to protect against induced lightning or indirect strike.

Figure 47: Lightening Protection Diagram.



Note:

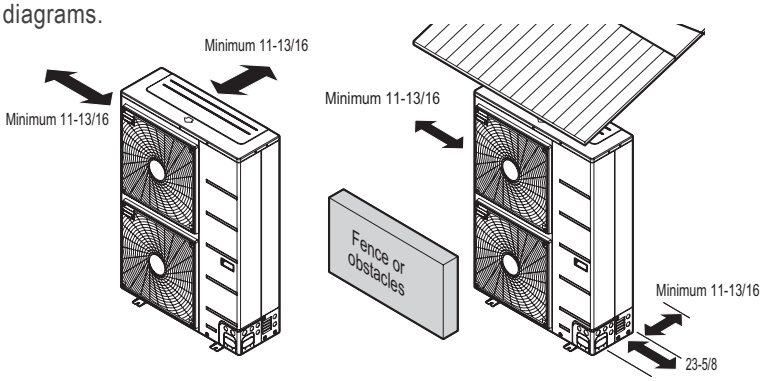
If the building does not include lightning protection, the outdoor unit may be damaged from a lightening strike. Inform the customer of this possibility in advance.

Outdoor Unit Service Access and Allowable Clearances

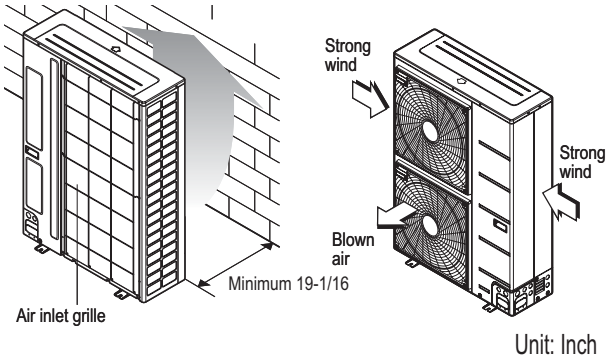
Appropriate airflow through the outdoor unit coil is critical for proper unit operation.

- Include enough space for airflow and for service access. If installing multiple outdoor units, avoid placing the units where the discharge of one unit will blow into the inlet side of an adjacent unit.
- No obstacles to air circulation around the unit; keep proper distances from ceilings, fences, floor, walls, etc. (Install a fence to prevent pests from damaging the unit or unauthorized individuals from accessing it.)
- If an awning is built over the unit to prevent direct sunlight or rain exposure, make sure that the discharge air of the outdoor unit isn't restricted.

When installing the outdoor unit, consider service, inlet, and outlet, and minimum allowable space requirements as illustrated in the following diagrams.



Ensure that the space at the back of the outdoor unit is a minimum of 11-13/16 inches, and include a minimum of 23-5/8 inches at the right side of the unit for service.



Unit: Inch

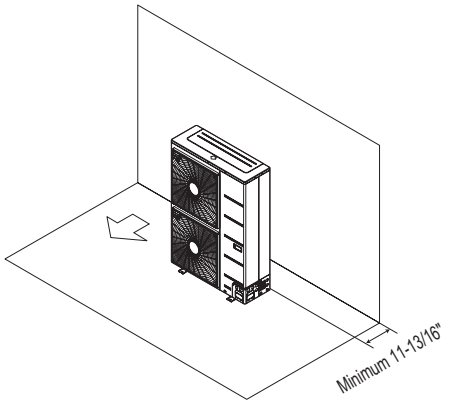
If the outdoor unit discharge side faces a wall, include a minimum of 19-11/16 inches between the outdoor unit and the wall. Install the outdoor unit so that the discharge port is set at a right angle to the wind direction.

Due to our policy of continuous product innovation, some specifications may change without notification.
©LG Electronics U.S.A., Inc., Englewood Cliffs, NJ. All rights reserved. "LG" is a registered trademark of LG Corp.

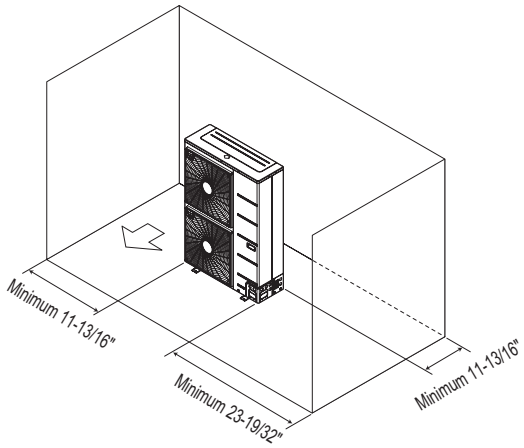
PLACEMENT CONSIDERATIONS

Clearance Requirements when Different Obstacles are Present (Unit: Inch).

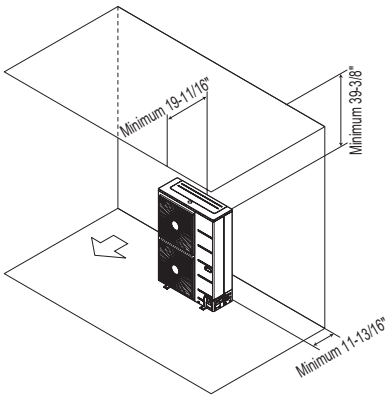
Obstacle on the suction side only.



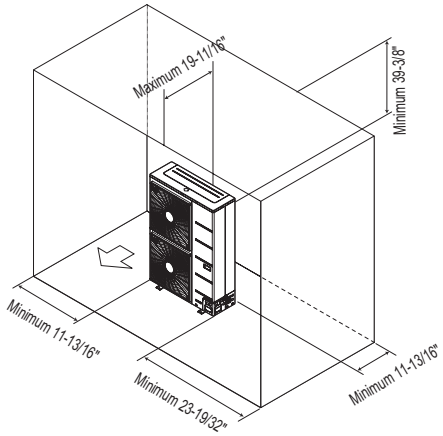
Obstacles on the suction side and on both left and right sides.



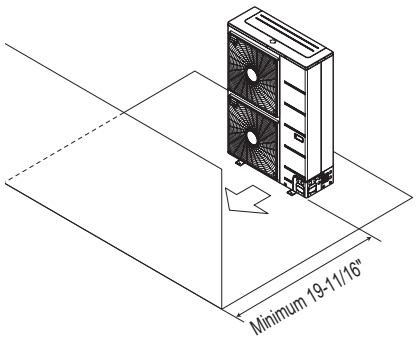
Obstacles above and on the air intake side.



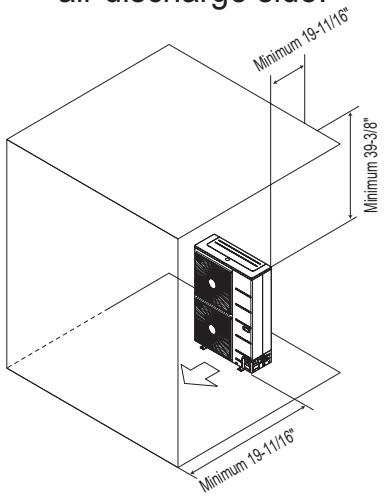
Obstacles above, on the air intake side, and on both left and right sides



Obstacle just on the air discharge side.



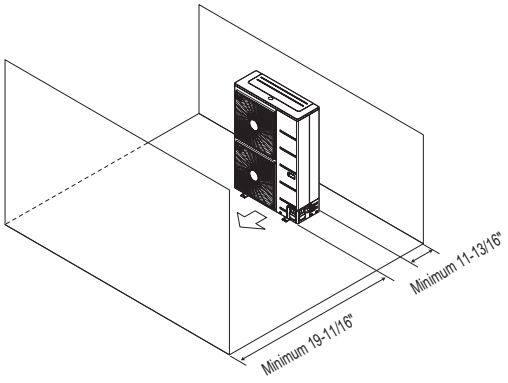
Obstacles above and on the air discharge side.



Due to our policy of continuous product innovation, some specifications may change without notification.
©LG Electronics U.S.A., Inc., Englewood Cliffs, NJ. All rights reserved. "LG" is a registered trademark of LG Corp.

Clearance Requirements when Different Obstacles are Present, continued. (Unit: Inch)

Where there are obstacles on both suction and discharge sides (discharge side obstacle is higher than the outdoor unit).



Where there are obstacles above, and on both suction and discharge sides (discharge side obstacle is higher than the outdoor unit).

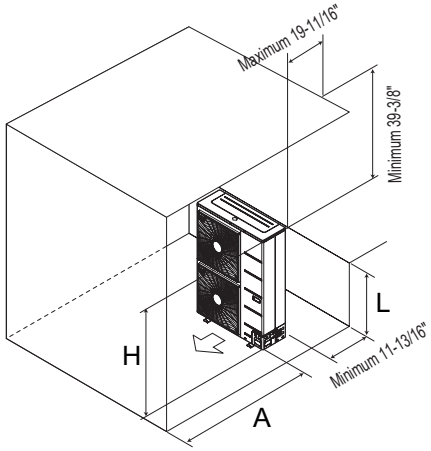
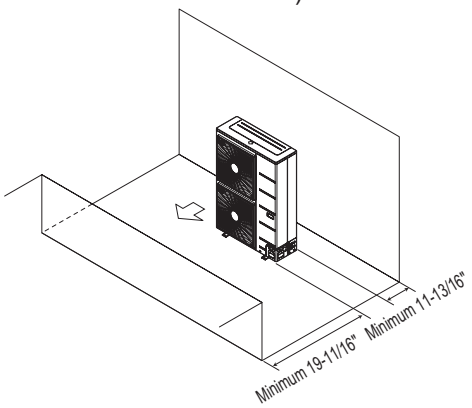


Table 164: Ratio among H, A, and L.

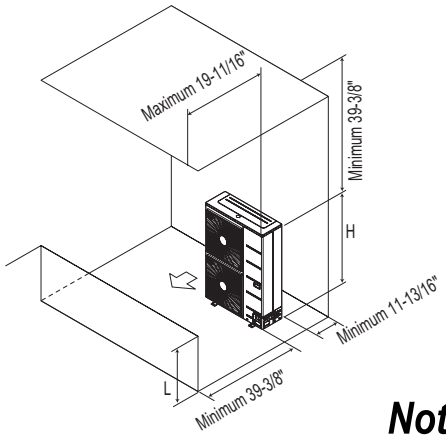
	L	A
L ≤ H	0 < L ≤ 1/2 H	29-1/32 inches
	1/2 H < L	39-3/8 inches
H < L	Set Stand as: L ≤ H	

If a stand is necessary, it should be contained (not open frame) to prevent the discharge air from short cycling.

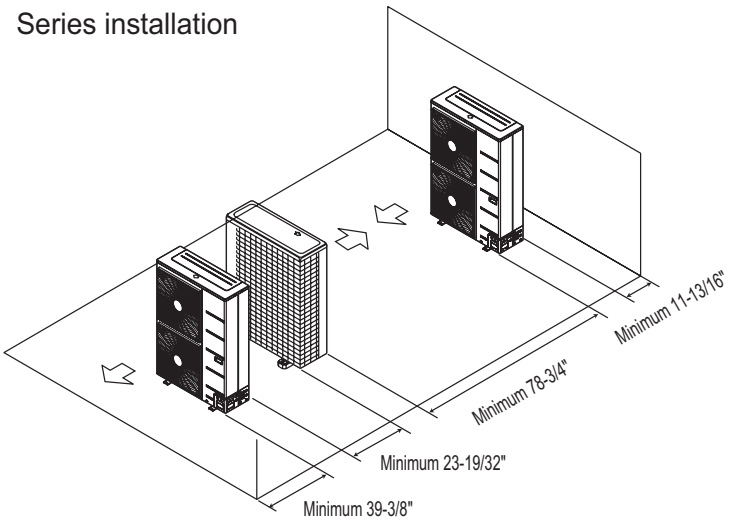
Where there are obstacles on both suction and discharge sides (discharge side obstacle is lower than the outdoor unit).



Where there are obstacles above, and on both suction and discharge sides (discharge side obstacle is lower than the outdoor unit).



Series installation



Note:

"L" should be lower than "H". If a stand is necessary, it should be contained (not open frame) to prevent the discharge air from short cycling.

Due to our policy of continuous product innovation, some specifications may change without notification.
©LG Electronics U.S.A., Inc., Englewood Cliffs, NJ. All rights reserved. "LG" is a registered trademark of LG Corp.

REFRIGERANT PIPING DESIGN & LAYOUT BEST PRACTICES

“Design Guideline Summary” on page 198
“Creating a Balanced / Quality Piping System” on page 200
“Manual Layout Procedure” on page 200
“LG Engineered Multi F MAX Y-Branch Kits” on page 201
“Refrigerant Charge” on page 202
“Selecting Field-Supplied Copper Tubing” on page 204
“Refrigerant Piping System Layout” on page 206
“Piping Insulation” on page 214
“Condensate Drain Piping” on page 215
“Cut Sheet” on page 217

REFRIGERANT PIPING DESIGN

MULTI F
MULTI F MAX

Design Guideline Summary

The following are examples of manual pipe size calculations. Designers are highly encouraged to use LATS for Multi F systems.

Device Connection Limitations

- The minimum number of connected and operating indoor units to Multi F / Multi F MAX systems is two, taking into consideration of the minimum combination ratio.
- The maximum number of indoor units for each Multi F / Multi F MAX heat pump systems is:

LMU187HV = 2 LMU247HV = 3 LMU369HV = 4 LMU540HV = 8

One of the most critical elements of multi-zone systems is the refrigerant piping. The following pages list pipe length limits that must be followed in the design of Multi F and Multi F MAX refrigerant pipe systems:

Using Refrigerant Components

Field-supplied elbows are allowed as long as they are designed for use with R410A refrigerant. The designer, however, should be cautious with the quantity and size of fittings used, and must account for the additional pressure losses in equivalent pipe length calculation for each branch. The equivalent pipe length of each elbow must be added to each pipe segment.

Table 165: Equivalent Piping Length for Elbows, Y-branches, and Branch Distribution Units.

Component	Size (Inches)				
	1/4	3/8	1/2	5/8	3/4
Elbow (ft.)	0.5	0.6	0.7	0.8	1.2
Y-Branch Kit (ft., Multi F MAX systems only)[1]	1.6				
Branch Distribution Unit (ft., Multi F MAX systems only)	8.2				

[1]Kit contains two Y-branches: one for liquid and one for vapor.

Multi F System

Example: LMU369HV outdoor unit with four (4) indoor units connected.
ODU: Outdoor Unit.
IDU: Indoor Unit.
A, B, C, D: Pipes from Outdoor Unit to Indoor Unit.

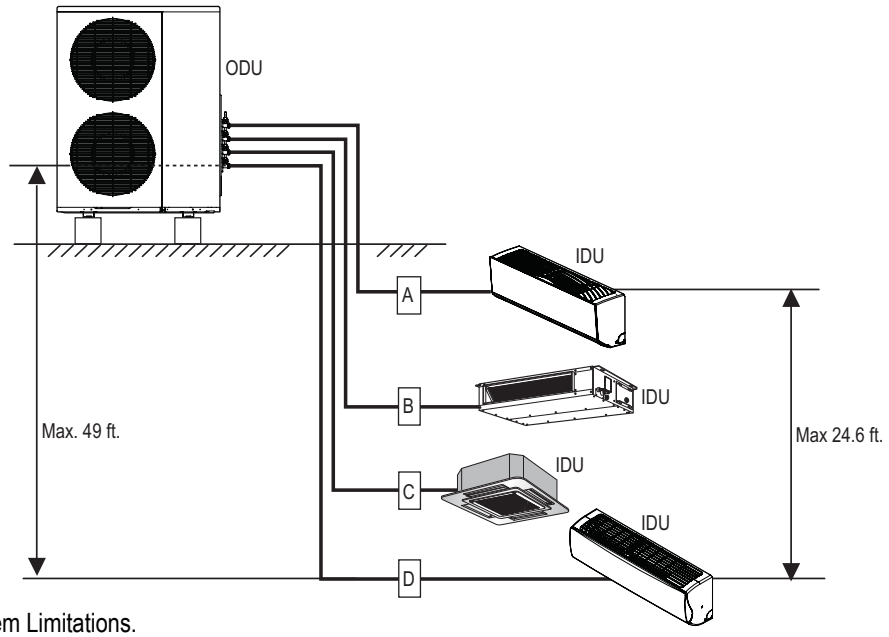


Table 166: Multi F Outdoor Unit Refrigerant Piping System Limitations.

Outdoor Unit	Minimum Length for Each Pipe (ft.)	Maximum Piping Length to Each Indoor Unit (ft.)				Maximum Total Piping Length for Each System (ft.)
		A	B	C	D	
LMU187HV	10	82	82	-	-	164
LMU247HV	10	82	82	82	-	246
LMU369HV	10	82	82	82	82	246

Due to our policy of continuous product innovation, some specifications may change without notification.
©LG Electronics U.S.A., Inc., Englewood Cliffs, NJ. All rights reserved. "LG" is a registered trademark of LG Corp.

REFRIGERANT PIPING DESIGN

Design Guideline Summary

The following are examples of manual pipe size calculations. Designers are highly encouraged to use LATS for Multi F systems.

Multi F MAX System with One Branch Distribution Unit

Example: LMU540HV outdoor unit with four (4) indoor units, and one (1) branch distribution unit connected.

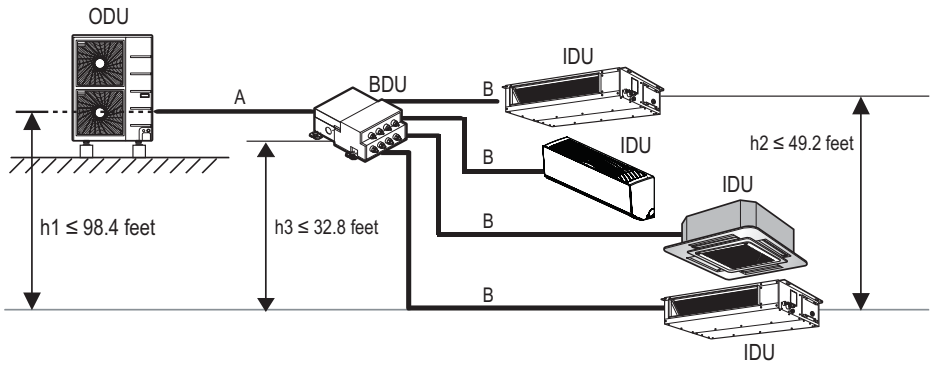
ODU: Outdoor Unit.

IDU: Indoor Unit.

BDU: Branch Distribution Unit.

A: Main Pipe.

B: Branch Pipe (Branch Distribution Unit to Indoor Unit[s]).



Multi F MAX System with Two Branch Distribution Units

Example: LMU540HV outdoor unit with seven (7) indoor units, and two (2) branch distribution units connected.

ODU: Outdoor Unit.

IDU: Indoor Unit.

BD: Branch Distribution Unit(s).

ΣA: Main Pipe.

ΣB: Branch Pipe (Branch Distribution Unit[s] to Indoor Unit[s]).

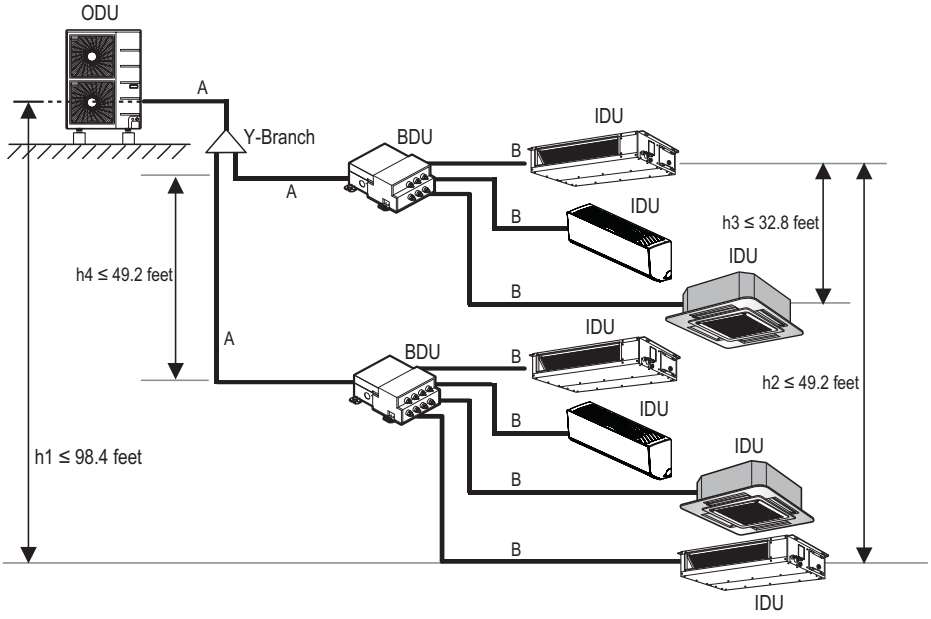


Table 167: Multi F MAX Outdoor Unit Refrigerant Piping System Limitations.

Pipe Length (ELF = Equivalent Length of pipe in Feet)	Total piping length (ΣA + ΣB)		≤475.7 feet
	Main pipe (Outdoor Unit to Branch Distribution Units: ΣA)	Minimum	10 feet
		Maximum	≤180.4 feet
	Total branch piping length (ΣB)		≤295.3 feet
	Branch pipe (Branch Distribution Units to Indoor Units: B)	Minimum	10 feet
		Maximum	≤49.2 feet
Elevation Differential (All Elevation Limitations are Measured in Actual Feet)	If outdoor unit is above or below indoor unit (h1)		≤98.4 feet
	Between the farthest two indoor units (h2)		≤42.9 feet
	Between branch distribution unit and farthest indoor unit(s) (h3)		≤32.8 feet
	Between branch distribution units (h4)		≤42.9 feet

Table 168: Multi F MAX Piping Sizes.

Piping	Main Pipe A (inch)	Branch Pipe B
Liquid	Ø3/8	Depends on the size of the indoor unit piping
Gas	Ø3/4	

Due to our policy of continuous product innovation, some specifications may change without notification.
©LG Electronics U.S.A., Inc., Englewood Cliffs, NJ. All rights reserved. "LG" is a registered trademark of LG Corp.

REFRIGERANT PIPING DESIGN

Creating a Balanced System / Manual Layout Procedure

Creating a Balanced / Quality Piping System

Unlike designing duct-work or chilled and hot water pipe systems where balancing dampers, ball valves, orifices, circuit setters, or other flow control devices can be installed to modify or balance the flow of cooling medium, these cannot be used in a Multi F system. Therefore, variable refrigerant flow systems have to be designed to be "self balanced." Balanced liquid refrigerant distribution is solely dependent on the designer using the correct pipe size for each segment. Pipe sizing considerations include pipe length, pipe segment pressure drop relative to other pipe segments in the system, type and quantity of elbows, bends present, fitting installation orientation, and end use device elevation differences.

Note:

The designer should avoid creating excessive pressure drop. When liquid refrigerant is subjected to excessive pressure drop, liquid refrigerant will change state and "flash" to vapor. Vapor present in a stream of liquid refrigerant before reaching the indoor unit coil (or branch distribution unit for Multi F MAX systems) results in a loss of system control and causes damage to the components. The pipe system must be designed in a manner that avoids the creation of unwanted vapor.

Refrigerant Piping System Verification

To ensure that the refrigerant piping design is suitable for the system, a LATS refrigerant piping design software report must be provided with every Multi F order. Following the installation, if any changes or variations to the design were necessary, an "as-built" LATS piping design software report must be provided to LG prior to system commissioning. User should always check the LATS report actual pipe layout versus pipe limits.

Note:

Any field changes, such as re-routing, shortening or lengthening a pipe segment, adding or eliminating elbows and/or fittings, re-sizing, adding, or eliminating indoor units, changing the mounting height or moving the location of a device or fitting during installation should be done with caution and ALWAYS VERIFIED in LATS MULTI SOFTWARE before supplies are purchased or installed. Doing so ensures profitable installation, eliminates rework, and ensures easier system commissioning.

Manual Layout Procedure

1. Choose the location of the indoor units on the building drawing.
2. Choose the location of all Y-branch and branch distribution units (if a Multi F MAX system) and note them on the building drawing. Verify that all fittings are positioned per the guideline limitations set forth in "Y-branch Kits" on page 201.
3. Plan the route for interconnecting piping. Draw a one-line depiction of the pipe route chosen on the building drawing.
4. Calculate the actual length of each pipe segment and note it on the building drawing.
5. Using the data obtained while selecting the system components on page 180 to 185, list the corrected cooling capacity next to each indoor unit on the drawing.
6. Starting at the indoor unit located farthest from the outdoor unit, sum the corrected cooling capacity of all indoor units served by the pipe segment for each branch and runout pipe (indoor units and branch distribution units [Multi F MAX systems only]). Record these values next to each segment.
7. Verify the size of the liquid and vapor lines.
8. If a Multi F MAX system, refer to Cut-Sheets "Y-branch Kits" on page 217 and branch distribution units on page 172 to verify the part number of each Y-branch and branch distribution unit based on the connected downstream nominal capacity served.
9. Calculate the equivalent pipe length in feet of each pipe segment. If a Multi F MAX system, Y-branch equivalent lengths should be totaled with the upstream segment only. Use equivalent pipe length data when it is provided with field-purchased fittings. If not available, use the data provided on page 165 to estimate the equivalent length of field-provided pipe and fittings for each segment. Equivalent lengths should be totaled with the upstream segment only.
10. Verify if the equivalent pipe length complies with the limitations in the "Multi F and Multi F MAX Refrigerant Piping System Limitations" tables on pages 166 and 167. If the limitations are exceeded, either reroute the pipe or change the location of the indoor unit, Y-branch fittings and branch distribution units (if Multi F MAX systems), so the design conforms with all limitations.
11. If adjusted as per Step 10 above, verify again if the length of the design complies with the limitations set in "Multi F and Multi F MAX Refrigerant Piping System Limitations" tables on pages 166 and 167.
12. Verify that the manually sized pipe design is acceptable using LATS Multi. When entering the length of pipe segments in LATS Multi software, enter the equivalent pipe length. Account for the additional pressure drop created by elbows, valves, and other fittings present in each segment by adding their respective equivalent pipe length to the actual pipe length.

Due to our policy of continuous product innovation, some specifications may change without notification.
©LG Electronics U.S.A., Inc., Englewood Cliffs, NJ. All rights reserved. "LG" is a registered trademark of LG Corp.

REFRIGERANT PIPING DESIGN

LG Engineered Multi F MAX Y-Branch Kit

Multi F MAX Y-Branch Kit PMBL5620

The LG supplied Y-Branch Kit PMBL5620 MUST be used when two branch distribution units are connected on one Multi F MAX system. Field-supplied fittings are not permitted. Each Y-Branch kit comes with two (2) Y-branches (one for the liquid line and one for the vapor line) and insulation covers.

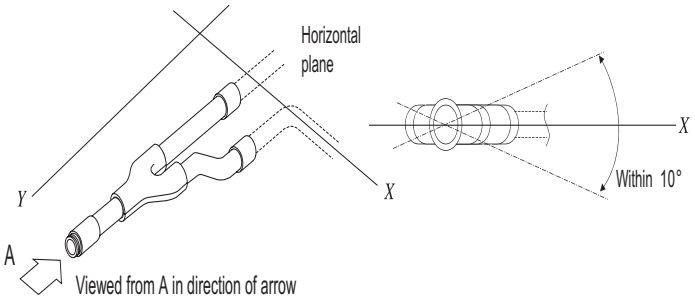
Y-branches may be installed in horizontal or vertical configurations. When installed vertically, position the Y-branch so the straight-through leg is ±3° of plumb (Figure 50). When installed horizontally, position the Y-branch so the take-off leg is level and shares the same horizontal plane as the straight-through leg ±10° rotation as shown in Figure 50.

Y-branches must be properly installed following instructions in the applicable LG manual. Y-branches should always be installed with the single port facing the outdoor unit and the two-port end facing the branch distribution units (see Figure 48). Do not install Y-branches backwards as refrigerant flow cannot make U-turns. The Y-branch kit must be located at least three (3) feet from the outdoor unit. Provide a minimum of 20 inches between a Y-branch and the branch distribution unit.

It is recommended that when a Y-branch is located in a pipe chase or other concealed space, access doors should be provided for inspection access.

The equivalent pipe length of each Y-branch (1.6') must be added to the main pipe segment entered into LATS piping design software.

Figure 50: Horizontal Configuration End View.



Y-Branch Kit Insulation

Each Y-branch kit comes with clam-shell type peel-and-stick insulation jackets molded to fit the Y-branch fittings as shown in Figure 51—one for the liquid line, one for the vapor line.

- Check the fit of the Y-branch clam-shell insulation jacket after the Y-branch is installed.
- Mark the pipe where the insulation jacket ends.
- Remove the jacket.
- Install field-provided insulation on the pipes first.
- Peel the adhesive glue protector slip and install the clam-shell jacket over the fitting

Figure 48: Y-Branch Connections.

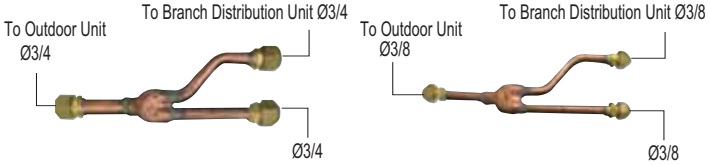
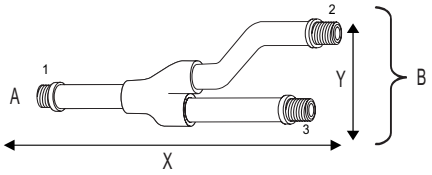


Table 169: Y-Branch Connection Diameters.

Model	Y-Branch Type	Port Identifier (inch)			Dimensions	
		1	2	3	X	Y
PMBL5620	Liquid	3/8	3/8	3/8	13.80	3.24
	Vapor	3/4	3/4	3/4	12.48	3.02

Figure 49: Y-Branch Dimensions Diagram.



A = To Outdoor Unit
B = To Branch Distribution Unit

Note:

- *Design pressure is 551 psig.*
- *All dimensions in inches. Tolerance ±1/4 inch.*
- *Images are not to scale.*

Figure 51: Y-branch Installation Alignment Specification.

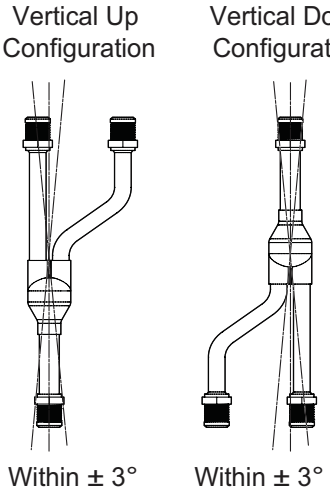
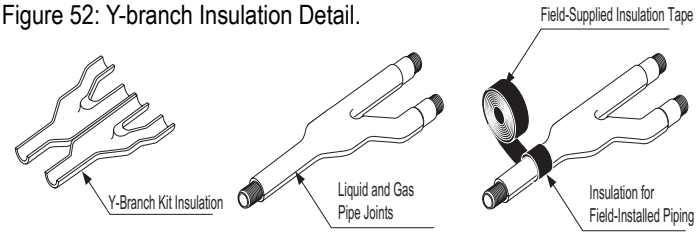


Figure 52: Y-branch Insulation Detail.



Due to our policy of continuous product innovation, some specifications may change without notification.
©LG Electronics U.S.A., Inc., Englewood Cliffs, NJ. All rights reserved. "LG" is a registered trademark of LG Corp.

REFRIGERANT PIPING DESIGN

Refrigerant Charge

LG Multi F and Multi F MAX outdoor units ship from the factory with a charge of R410A refrigerant. A trim charge may need to be added to take into account additional piping length.

To determine the additional refrigerant that is needed, apply the formulas below, and record the results. If the total additional refrigerant charge value is a negative number, then an additional trim charge does not need to be added to the system.

Table 170: Outdoor Unit Factory Charge.

Outdoor Unit	Factory Charge lbs. of R410A
LMU187HV	4.19
LMU247HV	4.63
LMU369HV	7.72
LMU540HV	9.7

Multi F Systems

Additional charge (lbs.) = (Installed Length of Branch [A] – Chargeless Pipe Length [A]) x a
+ (Installed Length of Branch [B] – Chargeless Pipe Length [A]) x a
+ (Installed Length of Branch [C] – Chargeless Pipe Length [A]) x a
+ (Installed Length of Branch [D] – Chargeless Pipe Length [A]) x a
- CF (Correction Factor) x 5.29

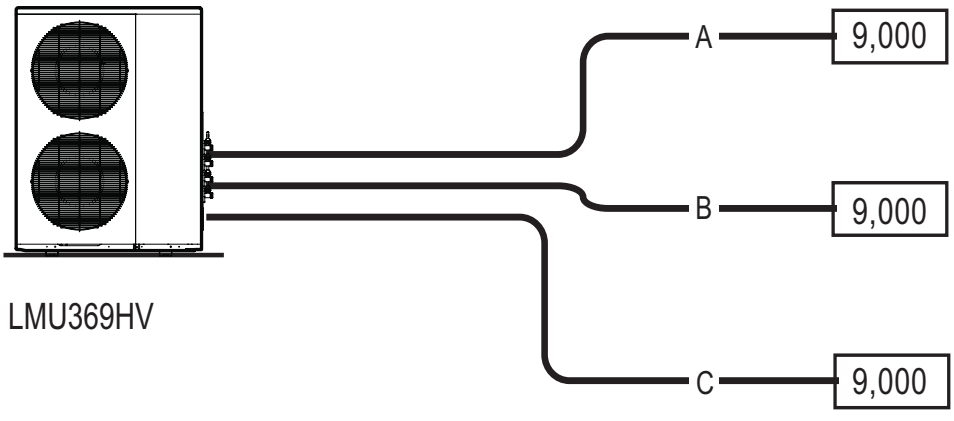
Note:

- *Number of installed length of branches depends on the specifications of the outdoor unit model.*
- *CF = Maximum number of connectable indoor units – Total number of connected indoor units*

Table 171: Multi F Outdoor Unit Piping Specifications.

Outdoor Unit Model	Max. Piping Length for One Branch (ft.)	Max. Total System Piping Length (ft.)	Chargeless Pipe Length per Branch (A) (ft.)	Additional Charge Needed (a) (oz./ft.)
LMU187HV	82	164	24.6	0.22
LMU247HV	82	246	24.6	0.22
LMU369HV	82	246	24.6	0.22

Figure 53: Multi F Additional Refrigerant Charge Example.



Each branch pipe
A = 82 ft.
B = 16 ft.
C = 49 ft.

Additional Charge
= (82 - 25) x 0.22
+ (16 - 25) x 0.22
+ (49 - 25) x 0.22
– (4 - 3) x 5.29
= 10.55 oz.

Due to our policy of continuous product innovation, some specifications may change without notification.
©LG Electronics U.S.A., Inc., Englewood Cliffs, NJ. All rights reserved. "LG" is a registered trademark of LG Corp.

REFRIGERANT PIPING DESIGN

Refrigerant Charge

Multi F MAX Systems

Additional charge (lbs.) = (Total Main Piping Length [A] - Chargeless Pipe Length of Main Pipe [A]) x a
+ (Installed Length of Branch [B1] – Chargeless Pipe Length [B]) x b
+ (Installed Length of Branch [B2] – Chargeless Pipe Length [B]) x b
+ (Installed Length of Branch [B3] – Chargeless Pipe Length [B]) x b ...
- CF (Correction Factor) x 3.53

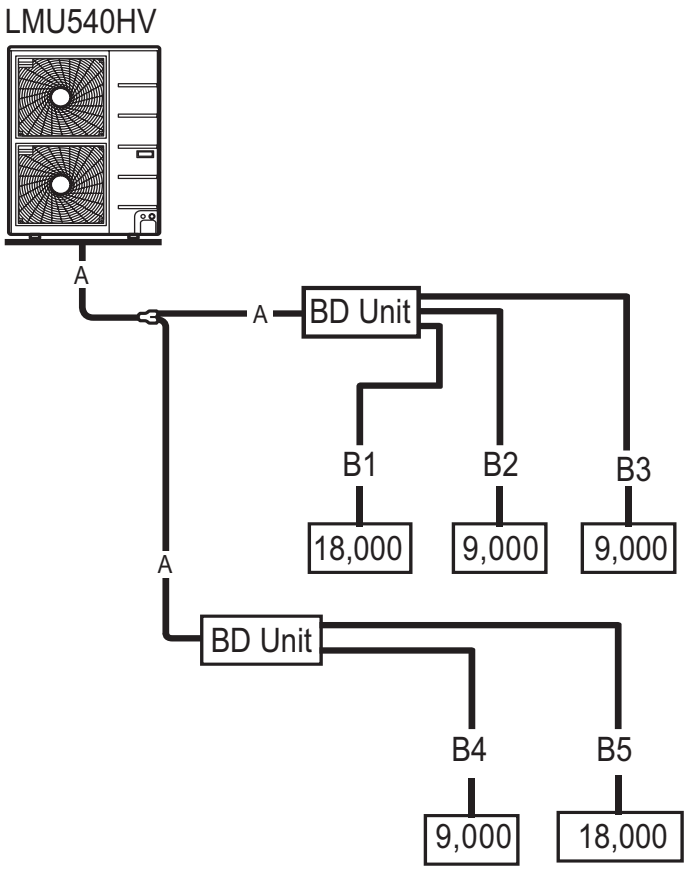
Note:

- *Number of installed length of branches depends on system specifications.*
- *CF = Maximum number of connectable indoor units – Total number of connected indoor units*

Table 172: Multi F MAX Outdoor Unit Piping Specifications.

Outdoor Unit Model	Main Piping Length		Branch Piping Length	
	Chargeless Pipe Length of Main Pipe (A) (ft.)	Additional Charge Needed (a) (oz./ft.)	Chargeless Pipe Length per Branch Pipe (B) (ft.)	Additional Charge Needed (b) (oz./ft.)
LMU540HV	16.4	0.54	16.4	0.22

Figure 54: Multi F MAX Additional Refrigerant Charge Example.



- Total main pipe (A) = 60 ft.
- Each branch pipe
  B1 = 49 ft.
  B2 = 17 ft.
  B3 = 17 ft.
  B4 = 10 ft.
  B5 = 23 ft.

Additional Charge
= (60 - 16.4) x 0.54
+ (49 - 16.4) x 0.22
+ (17 - 16.4) x 0.22
+ (17 - 16.4) x 0.22
+ (10 - 16.4) x 0.22
+ (23 - 16.4) x 0.22
– (8 - 5) x 3.53
= 20.43 oz.

Due to our policy of continuous product innovation, some specifications may change without notification.
©LG Electronics U.S.A., Inc., Englewood Cliffs, NJ. All rights reserved. "LG" is a registered trademark of LG Corp.

REFRIGERANT PIPING DESIGN

Selecting Field-Supplied Copper Tubing

Copper is the only approved refrigerant pipe material for use with LG Multi F air conditioning products, and LG recommends hard-drawn rigid type "K" or "L", or annealed-tempered, copper pipe.

- Drawn temper (rigid) ACR copper tubing is available in sizes 3/8 through 2-1/8 inches (ASTM B 280, clean, dry, and capped).
- Annealed temper (soft) ACR copper tubing is available in sizes 1/4 through 2-1/8 inches (ASTM B 280, clean, dry, and capped).

Tube wall thickness should meet local code requirements and be approved for an operating pressure of 551 psi. If local code does not specify wall thickness, LG suggests using tube thickness per the table below. When bending tubing, use the largest radii possible to reduce the equivalent length of installed pipe; also, bending radii greater than ten (10) pipe diameters can minimize pressure drop. Be sure no traps or sags are present when rolling out soft copper tubing coils.

Table 173: ACR Copper Tubing Material.

Type	Seamless Phosphorous Deoxidized
Class	UNS C12200 DHP
Straight Lengths	H58 Temper
Coils	O60 Temper

Table 174: Piping Tube Thicknesses.

OD (in)	1/4	3/8	1/2	5/8	3/4
Material	Rigid Type "K" or "L" - Soft ACR Acceptable			Rigid Type "K" or "L" Only	
Min. Bend Radius (in)	.563	.9375	1.5	2.25	3.0
Min. Wall Thickness (in)	.031	.031	.031	.039	.039

Copper Expansion and Contraction

Under normal operating conditions, the vapor pipe temperature of a Multi F system can vary as much as 280°F. With this large variance in pipe temperature, the designer must consider pipe expansion and contraction to avoid pipe and fitting fatigue failures.

Refrigerant pipe, along with the insulation jacket, form a cohesive unit that expands and contracts together. During system operation, thermal heat transfer occurs between the pipe and the surrounding insulation.

If the pipe is mounted in free air space, no natural restriction to movement is present if mounting clamps are properly spaced and installed. When the refrigerant pipe is mounted underground in a utility duct stacked among other pipes, natural restriction to linear movement is present. In extreme cases, the restrictive force of surface friction between insulating jackets could become so great that natural expansion ceases and the pipe is "fixed" in place. In this situation, opposing force caused by change in refrigerant fluid/vapor temperature can lead to pipe/fitting stress failure.

The refrigerant pipe support system must be engineered to allow free expansion to occur. When a segment of pipe is mounted between two fixed points, provisions must be provided to allow pipe expansion to naturally occur. The most common method is the inclusion of expansion Loop or U-bends. See Figure 55 on page 205. Each segment of pipe has a natural fixed point where no movement occurs. This fixed point is located at the center point of the segment assuming the entire pipe is insulated in a similar fashion. The natural fixed point of the pipe segment is typically where the expansion Loop or U-bend should be. Linear pipe expansion can be calculated using the following formula:

$$LE = C \times L \times (T_r - T_a) \times 12$$

LE	=	Anticipated linear tubing expansion (in.)
C	=	Constant (For copper = 9.2 x 10^{-6} in./in.°F)
L	=	Length of pipe (ft.)
T_R	=	Refrigerant pipe temperature (°F)
T_a	=	Ambient air temperature (°F)
12	=	Inches to feet conversion (12 in./ft.)

1. From Table 175, find the row corresponding with the actual length of the straight pipe segment.
2. Estimate the minimum and maximum temperature of the pipe. In the column showing the minimum pipe temperature, look up the anticipated expansion distance. Do the same for the maximum pipe temperature.
3. Calculate the difference in the two expansion distance values. The result will be the anticipated change in pipe length.

Example:

A Multi F MAX system is installed and the design shows that there is a 100 foot straight segment of tubing between a Y-branch and a branch distribution unit. In heating, this pipe transports hot gas vapor to the indoor units at 120°F. In cooling, the same tube is a suction line returning refrigerant vapor to the outdoor unit at 40°F. Look up the copper tubing expansion at each temperature and calculate the difference.

Vapor Line

Transporting Hot Vapor: 100 ft. pipe at 120°F = 1.40 in.
Transporting Suction Vapor: 100 ft. pipe at 40°F = 0.40 in.
Anticipated Change in Length: 1.40 in. – 0.40 in. = 1.00 in.

Liquid Line

The liquid temperature remains the same temperature; only the direction of flow will reverse. Therefore, no significant change in length of the liquid line is anticipated.

When creating an expansion joint, the joint height should be a minimum of two times the joint width. Although different types of expansion arrangements are available, the data for correctly sizing an Expansion Loop is provided in Table 176. Use soft copper with long radius bends on longer runs or long radius elbows for shorter pipe segments. Using the anticipated linear expansion (LE) distance calculated, look up the Expansion Loop or U-bend minimum design dimensions. If other types of expansion joints are chosen, design per ASTM B-88 Standards.

Due to our policy of continuous product innovation, some specifications may change without notification.
©LG Electronics U.S.A., Inc., Englewood Cliffs, NJ. All rights reserved. "LG" is a registered trademark of LG Corp.

INSTALLATION & LAYOUT BEST PRACTICES

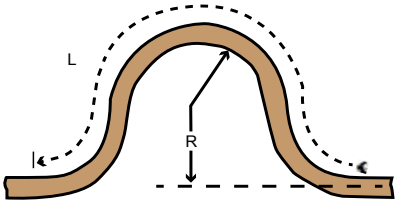
Selecting Field-Supplied Copper Tubing

Table 175: Linear Thermal Expansion of Copper Tubing in Inches.

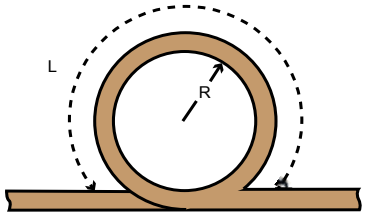
Pipe Length[1]	Fluid Temperature °F																			
	35°	40°	45°	50°	55°	60°	65°	70°	75°	80°	85°	90°	95°	100°	105°	110°	115°	120°	125°	130°
10	0.04	0.04	0.05	0.06	0.06	0.07	0.08	0.08	0.09	0.09	0.10	0.10	0.11	0.11	0.11	0.12	0.13	0.14	0.15	0.15
20	0.08	0.08	0.10	0.12	0.13	0.14	0.15	0.16	0.17	0.18	0.19	0.20	0.21	0.22	0.22	0.23	0.26	0.28	0.29	0.30
30	0.12	0.12	0.15	0.18	0.20	0.21	0.23	0.24	0.26	0.27	0.29	0.30	0.32	0.33	0.32	0.35	0.39	0.42	0.44	0.45
40	0.16	0.16	0.20	0.24	0.26	0.28	0.30	0.32	0.34	0.36	0.38	0.40	0.42	0.44	0.43	0.46	0.52	0.56	0.58	0.60
50	0.20	0.20	0.25	0.30	0.33	0.35	0.38	0.40	0.43	0.45	0.48	0.50	0.53	0.55	0.54	0.58	0.65	0.70	0.73	0.75
60	0.24	0.24	0.30	0.36	0.39	0.42	0.45	0.48	0.51	0.54	0.57	0.60	0.63	0.66	0.65	0.69	0.78	0.84	0.87	0.90
70	0.28	0.28	0.35	0.42	0.46	0.49	0.53	0.56	0.60	0.63	0.67	0.70	0.74	0.77	0.76	0.81	0.91	0.98	1.02	1.05
80	0.32	0.32	0.40	0.48	0.52	0.56	0.60	0.64	0.68	0.72	0.76	0.80	0.84	0.88	0.86	0.92	1.04	1.12	1.16	1.20
90	0.36	0.36	0.45	0.54	0.59	0.63	0.68	0.72	0.77	0.81	0.86	0.90	0.95	0.99	0.97	1.04	1.17	1.26	1.31	1.35
100	0.40	0.40	0.50	0.60	0.65	0.70	0.75	0.80	0.85	0.90	0.95	1.00	1.05	1.10	1.08	1.15	1.30	1.40	1.45	1.50
120	0.48	0.48	0.60	0.72	0.78	0.84	0.90	0.96	1.02	1.08	1.14	1.20	1.26	1.32	1.30	1.38	1.56	1.68	1.74	1.80
140	0.56	0.56	0.70	0.84	0.91	0.98	1.05	1.12	1.19	1.26	1.33	1.40	1.47	1.54	1.51	1.61	1.82	1.96	2.03	2.10
160	0.64	0.64	0.80	0.96	1.04	1.12	1.20	1.28	1.36	1.44	1.52	1.60	1.68	1.76	1.73	1.84	2.08	2.24	2.32	2.40
180	0.72	0.72	0.90	1.08	1.17	1.26	1.35	1.44	1.53	1.62	1.71	1.80	1.89	1.98	1.94	2.07	2.34	2.52	2.61	2.70

[1]Pipe length baseline temperature = 0°F. "Expansion of Carbon, Copper and Stainless Steel Pipe," *The Engineers' Toolbox*, www.engineeringtoolbox.com.

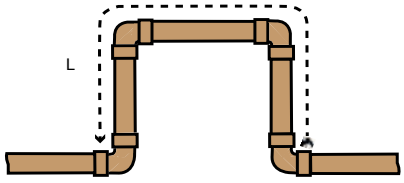
Figure 55: Coiled Expansion Loops and Offsets.



Large Tubing U-bend (>3/4 in.)



Loop



Small Tubing U-bend (<3/4 in.)

Table 176: Radii of Coiled Expansion Loops and Developed Lengths of Expansion Offsets.

Anticipated Linear Expansion (LE) (inches)		Nominal Tube Size (OD) inches			
		1/4	3/8	1/2	3/4
1/2	R[1]	6	7	8	9
	L[2]	38	44	50	59
1	R[1]	9	10	11	13
	L[2]	54	63	70	83
1-1/2	R[1]	11	12	14	16
	L[2]	66	77	86	101
2	R[1]	12	14	16	19
	L[2]	77	89	99	117
2-1/2	R[1]	14	16	18	21
	L[2]	86	99	111	131
3	R[1]	15	17	19	23
	L[2]	94	109	122	143
3-1/2	R[1]	16	19	21	25
	L[2]	102	117	131	155
4	R[1]	17	20	22	26
	L[2]	109	126	140	166

[1]R = Centerline Length of Pipe.

[2]L = Centerline Minimum Radius (inches).

Due to our policy of continuous product innovation, some specifications may change without notification.
©LG Electronics U.S.A., Inc., Englewood Cliffs, NJ. All rights reserved. "LG" is a registered trademark of LG Corp.

INSTALLATION & LAYOUT BEST PRACTICES

MULTI F
MULTI F MAX

Refrigerant Piping System Layout

Field-Provided Isolation Ball Valves

LG recommends installing field-supplied ball valves with Schrader ports at each indoor unit. Full-port isolation ball valves with Schrader ports (positioned between valve and indoor unit) rated for use with R410A refrigerant should be used on both the liquid and vapor lines.

If valves are not installed and a single indoor unit needs to be removed or repaired, the entire system must be shut down and evacuated. If isolation ball valves are installed, and an indoor unit needs to be repaired, the unaffected indoor units can remain operational with readdressing and the proper combination ratio. Reclamation of refrigerant, then, can be restricted to a single indoor unit.

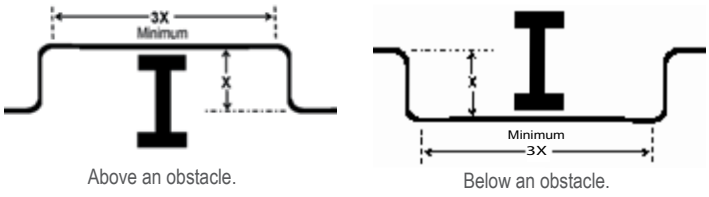
For Multi F MAX systems, position valves with a minimum distance of three (3) to six (6) inches of pipe on either side of the valve, and placed between six (6) and twelve (12) inches from the first upstream Y-branch or branch distribution unit. If ball valves are installed away from the first Y-branch and / or branch distribution unit and closer to the indoor unit, oil may accumulate where it cannot be returned to the outdoor unit and may cause a shortage of oil in the compressor.

Valves shall be easily accessible for service. If necessary, install drywall access doors or removable ceiling panels, and position the valves to face the access door or ceiling panel opening. Mount valves with adequate space between them to allow for placement of adequate pipe insulation around the valves. Recommended best practice is to clearly label and document locations of all service valves, Y-branches, and branch distribution units. The equivalent pipe length of each ball valve must be added to each pipe segment entered into the LATS program.

Obstacles

When an obstacle, such as an I-beam or concrete T, is in the path of the planned refrigerant pipe run, it is best practice to route the pipe over the obstacle. If adequate space is not available to route the insulated pipe over the obstacle, then route the pipe under the obstacle. In either case, it is imperative the horizontal section of pipe above or below the obstacle be a minimum of three (3) times greater than the longest vertical rise (or fall) distance.

Figure 56: Installing Piping Above and Below an Obstacle.



Above an obstacle. Below an obstacle.

Pipe Slope

The horizontal pipe slope cannot exceed 10° up or down.

In-line Refrigeration Components

Components such as oil traps, solenoid valves, filter-dryers, sight glasses, tee fittings, and other after-market accessories are not permitted on the refrigerant piping system between the outdoor units and the indoor / branch distribution units. Multi F and Multi F MAX systems are provided with redundant systems that assure oil is properly returned to the compressor. Sight-glasses and solenoid valves may cause vapor to form in the liquid stream. Over time, dryers may deteriorate and introduce debris into the system. The designer and installer should verify the refrigerant piping system is free of traps, sagging pipes, sight glasses, filter dryers, etc.

No Pipe Size Substitutions

Use only the pipe size selected by the LATS Multi pipe system design software or as conveyed in the product installation instructions. Using a different size is prohibited and may result in a system malfunction or failure to work at all.

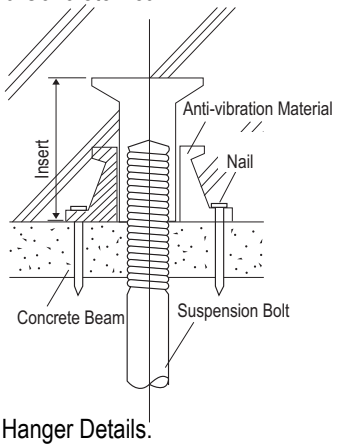
Due to our policy of continuous product innovation, some specifications may change without notification.
©LG Electronics U.S.A., Inc., Englewood Cliffs, NJ. All rights reserved. "LG" is a registered trademark of LG Corp.

Inserts and Pipe Supports

Inserts

An insert can be installed into a floor or beam before the concrete sets so that fittings such as ducts, pipes, or suspension bolts can be added at a later time. Decide where the inserts should be placed before support installation.

Figure 57: Installing an Insert Into a Concrete Beam.



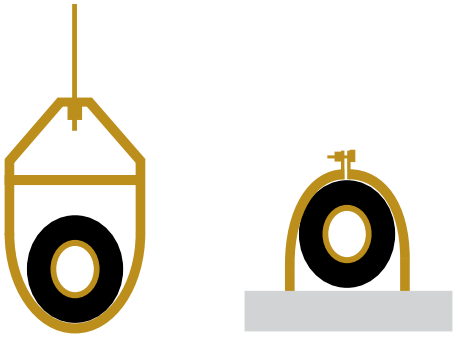
Pipe Supports

Note:

A properly installed pipe system should be adequately supported to avoid pipe sagging. Sagging pipes become oil traps that lead to equipment malfunction.

Pipe supports should never touch the pipe wall; supports shall be installed outside (around) the primary pipe insulation jacket (see Figure 57). Insulate the pipe first because pipe supports shall be installed outside (around) the primary pipe insulation jacket. Clevis hangers should be used with shields between the hangers and insulation.

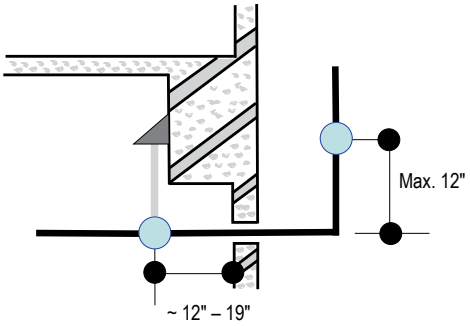
Figure 58: Pipe Hanger Details.



Field provided pipe supports should be designed to meet local codes. If allowed by code, use fiber straps or split-ring hangers suspended from the ceiling on all-thread rods (fiber straps or split ring hangers can be used as long as they do not compress the pipe insulation). Place a second layer of insulation over the pipe insulation jacket to prevent chafing and compression of the primary insulation within the confines of the support pipe clamp.

A properly installed pipe system will have sufficient supports to avoid pipes from sagging during the life of the system. As necessary, place supports closer for segments where potential sagging could occur. Maximum spacing of pipe supports shall meet local codes. If local codes do not specify pipe support spacing, pipe shall be supported a maximum of 5 feet on center for straight segments of pipe up to 3/4" outside diameter size.

Figure 59: Typical Pipe Support Location—Change in Pipe Direction.



Wherever the pipe changes direction, place a hanger within twelve (12) inches on one side and within twelve to nineteen (12 to 19) inches of the bend on the other side as shown in Figure 59. Support piping at indoor units as shown in Figure 60. Support Y-Branch fittings as shown in Figure 61.

Figure 60: Pipe Support at Indoor Unit.

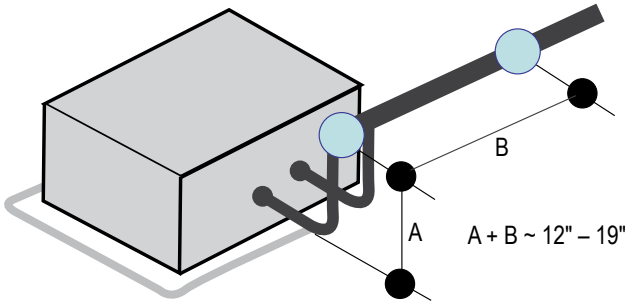
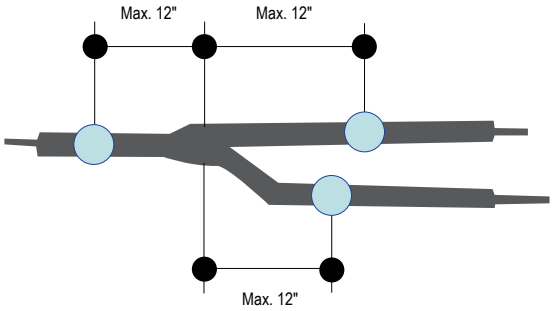


Figure 61: Pipe Support at Y-branch Fitting.



Due to our policy of continuous product innovation, some specifications may change without notification.
©LG Electronics U.S.A., Inc., Englewood Cliffs, NJ. All rights reserved. "LG" is a registered trademark of LG Corp.

Examples of Supports

Figure 62: U-Bolt Support with Insulation.

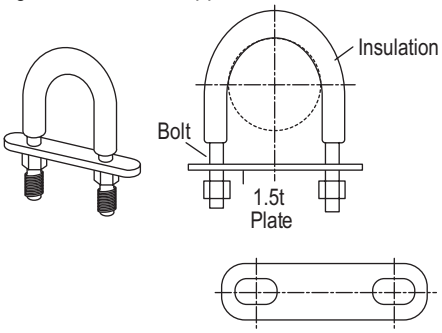


Figure 63: O-Ring Support with Insulation.

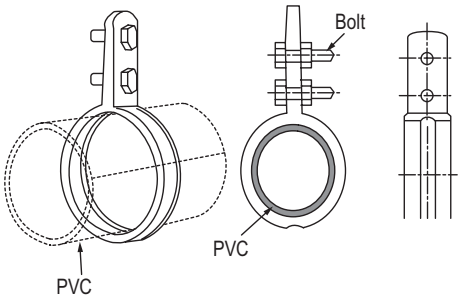
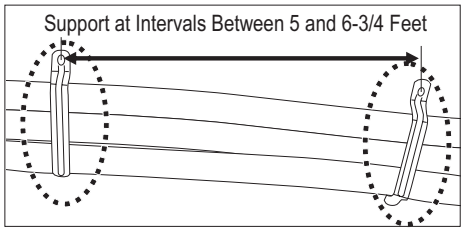


Figure 64: Saddle-Type Support.



Note:

Do not compress the insulation with the saddle-type support. If the insulation is compressed, it may tear open and allow condensation to generate during product operation.

Figure 65: U-Bolt Support with an Insulated Pipe.

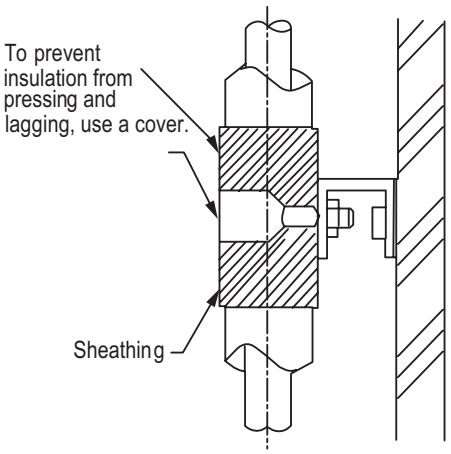


Figure 66: O-Ring Band Support with an Insulated Pipe.

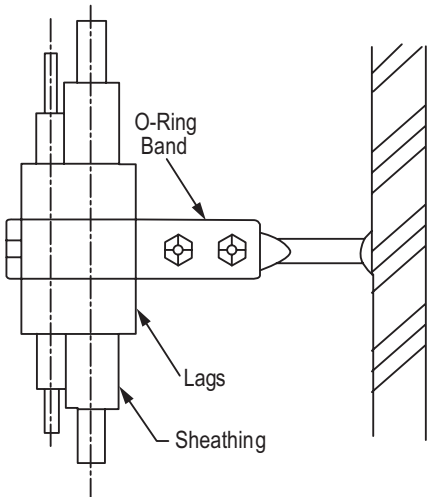


Figure 67: One-Point Down-Stop Support (>441 lbs.).

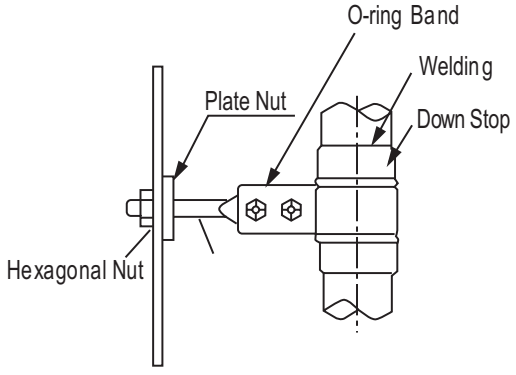
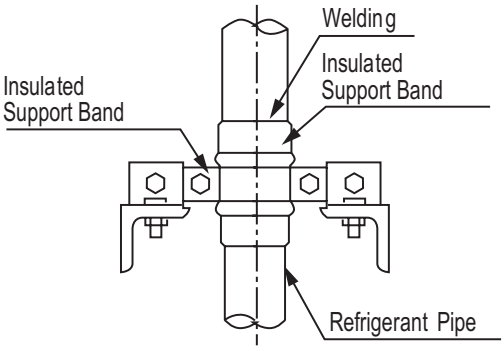


Figure 68: Two-Point Down-Stop Support.



Due to our policy of continuous product innovation, some specifications may change without notification.
©LG Electronics U.S.A., Inc., Englewood Cliffs, NJ. All rights reserved. "LG" is a registered trademark of LG Corp.

INSTALLATION & LAYOUT BEST PRACTICES

Refrigerant Piping System Layout

Pipe Sleeves at Penetrations

LG requires that all pipe penetrations through walls, floors, and pipes buried underground be routed through a properly insulated sleeve that is sufficiently sized to provide free movement of the pipe and does not compress the insulation. Underground refrigerant pipe shall be routed inside a protective sleeve to prevent insulation deterioration. Also follow federal, state, and local regulations and codes when choosing a sleeve type.

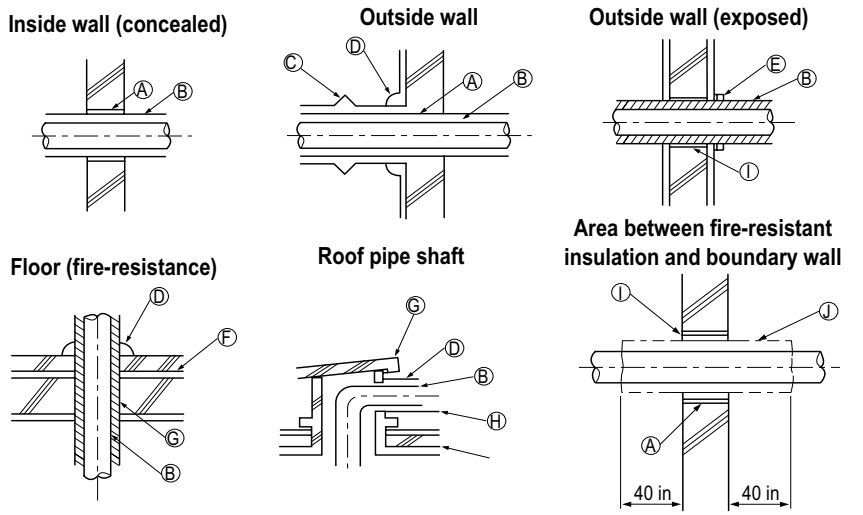
Note:

Diameter of penetrations shall be determined by pipe diameter plus the thickness of the insulation.

For example:

Diameter of Gas Piping:	1/2"
Diameter of Liquid Piping:	1/4"
Thickness of Gas Piping Insulation:	0.4" x 2
Thickness of Liquid Piping Insulation:	0.4" x 2
Surplus:	0.8"
Sleeve diameter (total):	3.1" minimum

Figure 69: Pipe Sleeve Options.



Ⓐ Sleeve
Ⓑ Insulation
Ⓒ Lagging
Ⓓ Caulk
Ⓔ Band
Ⓕ Water-resistant layer
Ⓖ Sleeve with edge
Ⓗ Lagging
Ⓘ Mortar or other fire-resistant caulk
Ⓙ Fire-resistant insulation

When filling an access hole with mortar, cover the area with steel plate so that the insulation will not fall through. For this area, use fire-resistant materials for both the insulation and cover. (Vinyl cover should not be used.)

Underground Refrigerant Piping

Refrigerant pipe installed underground should be routed inside a vapor tight protective sleeve to prevent insulation deterioration and water infiltration. Refrigerant pipe installed inside underground casing must be continuous without any joints. Underground refrigerant pipe must be located at a level below the frost line.

Table 177: Utility Conduit Sizes.

Liquid Pipe[1]	Vapor Pipe[1]		
	1/2 (2.0[2,5])	5/8 (2-1/8[2,5])	3/4 (2-1/4[2,5])
1/4 (1.0)[3]	4	4	4
3/8 (1-1/8)[3]	4	4	5
1/2 (1-1/2)[4]	5	5	5
5/8 (1-5/8)[4]	5	5	5
3/4 (1-3/4)[4]	5	5	5

[1]OD pipe diameter in inches; Values in parenthesis () indicate OD of pipe with insulation jacket.

[2]Diameter of pipe with insulation. Thickness of pipe insulation is typical. Actual required thickness may vary based on surrounding ambient conditions and should be calculated and specified by the design engineer.

[3]Insulation thickness (value in parenthesis) = 3/8 inch.

[4]Insulation thickness (value in parenthesis) = 1 inch.

[5]Insulation thickness (value in parenthesis) = 3/4 inch.

Figure 70: Typical Arrangement of Refrigerant Pipe and Cable(s) in a Utility Conduit.

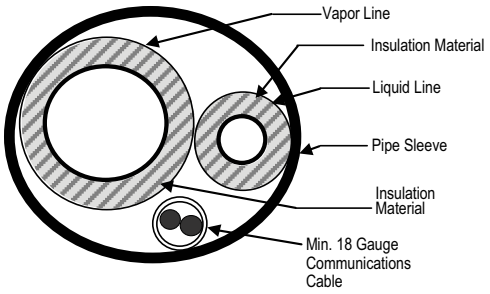


Figure 71: Underground Refrigerant Piping.



Due to our policy of continuous product innovation, some specifications may change without notification.
©LG Electronics U.S.A., Inc., Englewood Cliffs, NJ. All rights reserved. "LG" is a registered trademark of LG Corp.

Multi F Outdoor Unit to Indoor Unit Piping Connections

Note:

Avoid Pipe Damage

- *When routing field-provided piping, avoid damaging the outdoor unit from excessive vibration.*
- *Correctly route the piping so it does not make contact with mounting bolts. Allow room for field installation.*
- *Properly insulate the liquid and gas lines separately up to the point of connection at the unit frame.*
- *See Table 179 for Multi F outdoor unit connection types.*

Table 178: Outdoor Unit Piping Connections.

Outdoor Unit Piping Connections	LMU187HV	LMU247HV	LMU369HV
Liquid Line Connection (in., OD) x Qty.	1/4 x 2	1/4 x 3	1/4 x 4
Vapor Line Connection (in., OD) x Qty.	3/8 x 2	3/8 x 3	3/8 x 4

Figure 72: Multi F Refrigerant Pipe Connections (LMU369HV shown as example).

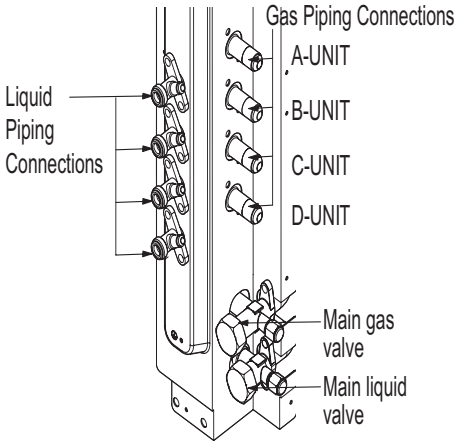


Table 179: Indoor Unit Piping Connections.

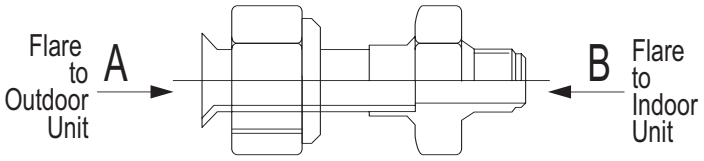
Indoor Unit Capacity	Vapor Line Connection (in., OD)	Liquid Line Connection (in., OD)
9,000 Btu/h	Ø3/8	Ø1/4
12,000 Btu/h		
18,000 Btu/h	Ø1/2	
24,000 Btu/h		

Connection sockets (included as a factory-supplied accessory with the indoor units) may need to be used when piping the indoor units to the outdoor unit.

Table 180: Connection Socket Dimensions.

Indoor Unit Capacity	Vapor (in., OD)		Liquid (in., OD)	
	A	B	A	B
18,000 Btu/h	Ø3/8 → Ø1/2		N/A	
24,000 Btu/h				

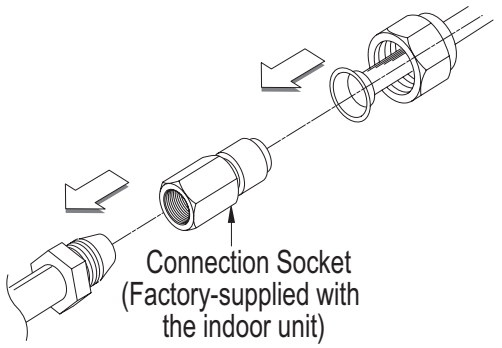
Figure 73: Connection Socket Diagram.



Using the Connection Socket

1. Align the center of the piping sections and tighten the flare nut by hand.
2. Tighten the flare nut with a torque wrench, using the arrows on the wrench as a guide, until a click is heard.

Figure 74: Performing Connections.



Due to our policy of continuous product innovation, some specifications may change without notification.
©LG Electronics U.S.A., Inc., Englewood Cliffs, NJ. All rights reserved. "LG" is a registered trademark of LG Corp.

Multi F MAX Outdoor Unit System Piping Connections

Note:

Avoid Pipe Damage

- *When routing field-provided piping, avoid damaging the outdoor unit from excessive vibration.*
- *Correctly route the piping so it does not make contact with mounting bolts. Allow room for field installation.*
- *Properly insulate the liquid and gas lines separately up to the point of connection at the unit frame.*
- *See Table 181 for Multi F MAX outdoor unit connection types.*

Table 181: Outdoor Unit Piping Connections.

Outdoor Unit Piping Connections	LMU540HV
Liquid Line Connection (in., OD) x Qty.	3/8 x 1
Vapor Line Connection (in., OD) x Qty.	3/4 x 1

Branch Distribution to Indoor Unit Piping Connections

- Install indoor unit liquid and vapor refrigerant pipes (and connection wiring) to the appropriate branch distribution ports.
- Clearly note on the indoor unit's refrigerant piping (liquid, vapor) which branch distribution port it is connected to (A, B, C, D).

Table 182: Branch Distribution Unit Piping Connections.

Branch Distribution Unit	PMBD3620	PMBD3630	PMBD3640	PMBD3641
Piping Connections to Outdoor Unit				
Liquid (in., OD) x Qty.	Ø3/8 x 1			
Vapor (in., OD) x Qty.	Ø3/4 x 1			
Piping Connections to Indoor Units				
Liquid (in., OD) x Qty.	Ø1/4 x 2	Ø1/4 x 3	Ø1/4 x 4	Ø1/4 x 3, Ø3/8 x 1
Vapor (in., OD) x Qty.	Ø3/8 x 2	Ø3/8 x 3	Ø3/8 x 4	Ø3/8 x 3, Ø5/8 x 1

Figure 75: Branch Distribution Ports to Indoor Units.

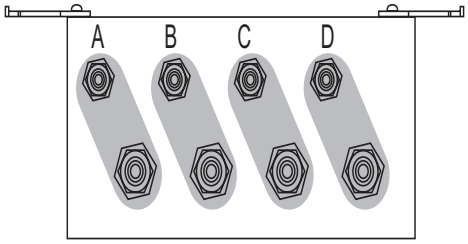


Table 183: Indoor Unit Piping Connections.

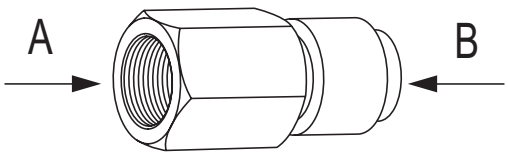
Indoor Unit Capacity	Vapor Line Connection (in., OD)	Liquid Line Connection (in., OD)
9,000 Btu/h	Ø3/8	Ø1/4
12,000 Btu/h		
18,000 Btu/h	Ø1/2	
24,000 Btu/h		
36,000 Btu/h	Ø5/8	Ø3/8

Connection sockets (included as a factory-supplied accessory with the indoor units) may need to be used when piping the indoor units to the branch distribution unit.

Table 184: Connection Socket Dimensions.

Indoor Unit Capacity	Vapor (in., OD)		Liquid (in., OD)	
	A	B	A	B
18,000 Btu/h	Ø3/8 → Ø1/2		N/A	
24,000 Btu/h				
36,000 Btu/h	Ø1/2 → Ø5/8		Ø1/4 → Ø3/8	

Figure 76: Connection Socket Diagram.



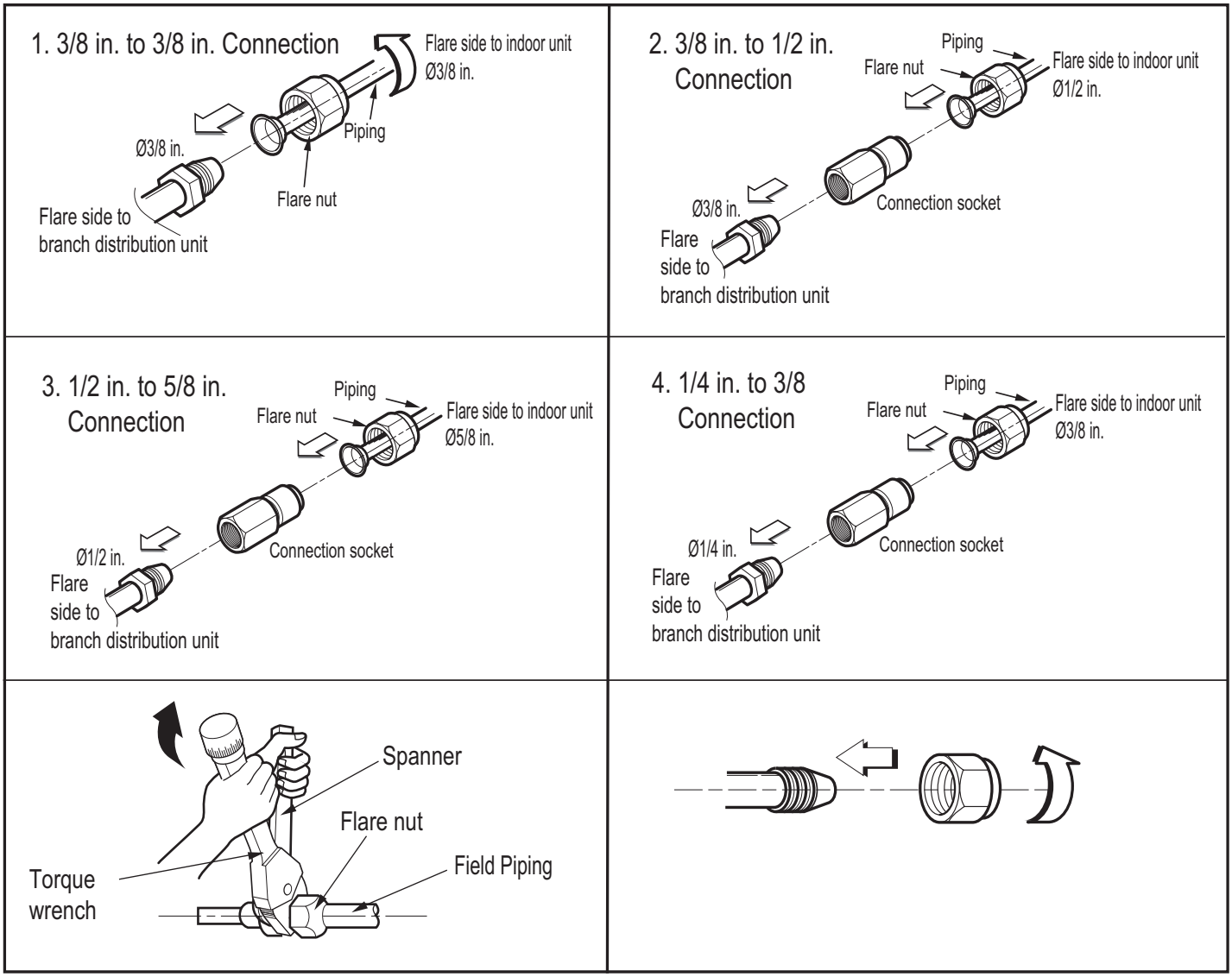
Connection Socket

Due to our policy of continuous product innovation, some specifications may change without notification.
©LG Electronics U.S.A., Inc., Englewood Cliffs, NJ. All rights reserved. "LG" is a registered trademark of LG Corp.

Multi F MAX Outdoor Unit System Piping Connections, continued.

1. Align the center of the piping sections and tighten the flare nut by hand.
2. Tighten the flare nut with a torque wrench, using the arrows on the wrench as a guide, until a click is heard.
3. Wrap insulation around the connection.

Figure 77: Possible Branch Distribution Unit to Indoor Unit Connections.



Due to our policy of continuous product innovation, some specifications may change without notification.
©LG Electronics U.S.A., Inc., Englewood Cliffs, NJ. All rights reserved. "LG" is a registered trademark of LG Corp.

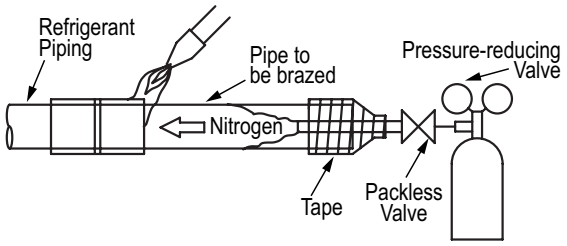
Brazing Practices

Note:

Keep the piping system free of contaminants and debris such copper burrs, slag, or carbon dust during installation.

1. All joints are brazed in the field. Multi F refrigeration system components contain very small capillary tubes, small orifices, electronic expansion valves, oil separators, and heat exchangers that can easily become blocked.
- Store pipe stock in a dry place; keep stored pipe capped and clean.
- Blow clean all pipe sections with dry nitrogen before assembly.

Figure 78: Refrigerant Pipe Brazing.



2. Proper system operation depends on the installer using best practices and utmost care while assembling the piping system.
- Use adapters to assemble different sizes of pipe.
- Do not use flux, soft solder, or anti-oxidant agents.
- Use a tubing cutter; do not use a saw to cut pipe. De-burr and clean all cuts before assembly.

3. Brazing Joints:
- Use a dry nitrogen purge operating at a minimum pressure of three (3) psig and maintain a steady flow.
- Use a 15% silver phosphorous copper brazing alloy to avoid overheating and produce good flow.
- Protect isolation valves, electronic expansion valves, and other heat-sensitive control components from excessive heat with a wet rag or a heat barrier spray product

Flare Connection Practices

Note:

Improperly installed flare connections can lead to refrigerant leaks.

1. Place a couple of drops of refrigerant oil on the opening rim of the flare before assembling. Take care not to add any contaminants.

2. Align the center of the refrigerant pipe and corresponding connection and tighten the flare nut by hand.

3. Following the guidelines as outlined in Table 185 for the amount of torque to use, tighten the flare nut with a torque wrench until the wrench clicks.

4. When flare is sufficiently tightened and the system has been tested for refrigerant leaks, wrap insulation around the connection.

✓ *When tightening the flare unit with a torque wrench, ensure the direction for tightening follows the arrow on the wrench.*

Table 185: Torque Wrench Tightening.

Piping O.D. (in.)	Torque (lbs. / ft.)
1/4	13-18
3/8	24.6-30.4
1/2	39.8-47.7
5/8	45.6-59.3
3/4	71.6-87.5

Figure 79: Flare Connection, Isometric View.

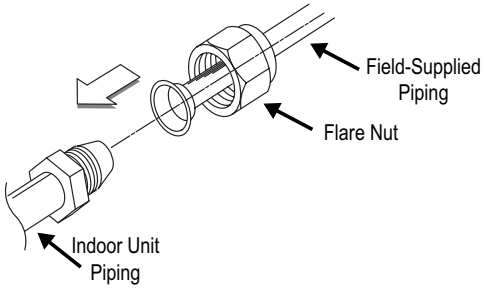


Figure 80: Flare Connection, Side View.

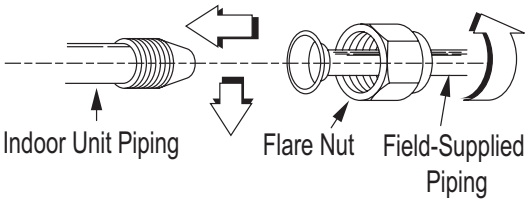
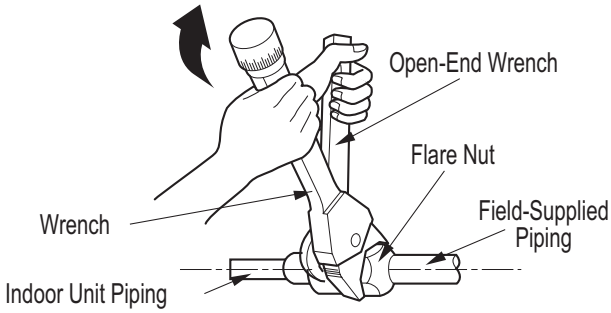


Figure 81: Using the Torque Wrench.



Due to our policy of continuous product innovation, some specifications may change without notification.
©LG Electronics U.S.A., Inc., Englewood Cliffs, NJ. All rights reserved. "LG" is a registered trademark of LG Corp.

INSTALLATION & LAYOUT BEST PRACTICES

Piping Insulation

Refrigerant Piping System Insulation

All refrigerant piping including Y-branch connections, field-provided isolation ball valves, service valves, and elbows shall be completely insulated using closed cell pipe insulation.

To prevent heat loss/heat gain through the refrigerant piping, all refrigerant piping including liquid lines and vapor lines shall be insulated separately. Insulation shall be a minimum 1/2" thick, and thickness may need to be increased based on ambient conditions and local codes.

All insulation joints shall be glued with no air gaps. Insulation material shall fit snugly against the refrigeration pipe with no air space between it and the pipe. Insulation passing through pipe hangers, inside conduit, and/or sleeves must not be compressed. Protect insulation inside hangers and supports with a second layer. All pipe insulation exposed to the sun and outdoor elements shall be properly protected with PVC, aluminum vapor barrier, or alternatively placed in a weather-resistant enclosure such as a pipe rack with a top cover; and meet local codes. Pay special attention to insulating the pipes installed in the ceiling plenum.

LG-provided Y-branches are shipped from the factory with pre-formed peel-and-stick foam insulation jackets, with a 1.84 lb./ft.^{3} density, 1/2" thickness, and meet UL94 MF-1 flammability.

The design engineer should perform calculations to determine if the factory-supplied insulation jackets are sufficient to meet local codes and avoid sweating. Maximum refrigerant piping temperature is +227°F; minimum refrigerant piping temperature is -4°F. Add additional insulation if necessary. Check the fit of the insulation jacket after the header fitting and all run-out pipes are installed. Mark all pipes at the point where the insulation jacket ends. Remove the jacket. Install field provided insulation on the run-out and main trunk pipes first. Install the LG-provided insulation plugs on the ends of all unused header ports. Peel the adhesive glue protector slip from the insulation jacket and install the clam-shell jacket over the fitting.

Minimum Refrigerant Pipe Ethylene Propylene Diene Methylene (EPDM) Insulation Wall Thickness Requirements

Note:

Follow locals codes when selecting EPDM insulation wall thickness.

Table 186: Insulation Guidelines for Typical and Special Circumstances.

Classification		Air-conditioned location		Non-air conditioned location	
		1. Typical location	2. Special location	3. Typical location	4. Special location
Liquid pipe	ø1/4 inches	1/2 inches	1/2 inches	1/2 inches	1/2 inches
	ø3/8 inches				
	≥ø1/2 inches	1/2 inches	1/2 inches	1/2 inches	1/2 inches
Vapor pipe	ø3/8 inches	1/2 inches	3/4 inches	3/4 inches	1 inch
	ø1/2 inches				
	ø5/8 inches				
	ø3/4 inches				

1. Air-conditioned, Typical location: When the piping passes through an indoor area where the indoor unit operates.

• Apartment, classroom, office, mall, hospital, etc.

2. Air-conditioned, Special location

1. When the location is air conditioned, but there is severe temperature/humidity difference due to high ceilings
   • Church, auditorium, theater, lobby, etc.
2. When the location is air conditioned, but internal temperature/humidity are high
   • Bathroom, swimming pool, locker room, etc.

3. Non-air conditioned, Typical location: When the piping passes through an indoor area where the indoor unit does not operate.

• Hallway or a dormitory or school, etc.

4. Non-air conditioned, Special location: If conditions 1 and 2 below are present.

1. When the piping passes through an indoor area where the indoor unit does not operate.
2. When the humidity is high and there is no air flow in the location where the piping is installed.
   • The thickness of the above insulation material is based on heat conductivity of 0.61 Btu/in/h/ft^2/°F.

Due to our policy of continuous product innovation, some specifications may change without notification.
©LG Electronics U.S.A., Inc., Englewood Cliffs, NJ. All rights reserved. "LG" is a registered trademark of LG Corp.

Condensate Drain Piping

Outdoor Units

Outdoor unit requires condensate drain piping. Condensate drain pipe is constructed with materials approved by local code. See pages 191 to 196 for information in reference to outdoor unit placement and condensate drainage.

Indoor Units

All indoor units generate water during cooling operation, therefore, how to properly handle this condensation must be considered. Some indoor units include factory-installed drain pumps; others apply the gravity drain method.

Depending on the location of the indoor unit, condensation can be drained directly to the outside of the building, or a common indoor unit drainage piping system can be installed, both incorporating PVC piping.

Table 187: Indoor Unit Drain Piping Specifications.

Indoor Unit	Drain Type	Drain Pipe Diameter (OD / ID, in.)	Drain Amount (gal. / min. at 0.033 ft. height)
Art Cool Wall-Mounted	Gravity	13/16 / 5/8	—
Art Cool Gallery	Gravity	13/16 / 5/8	—
Standard Wall-Mounted	Gravity	13/16 / 5/8	—
Ceiling-Concealed Ducted (Low Static and High Static)	27-1/2 in. Lift Drain Pump, Factory Installed	Ø1-1/4 / Ø1	0.105
Four-Way Ceiling Cassette	27-1/2 in. Lift Drain Pump, Factory Installed	Ø1-1/4 / Ø1	0.105
Vertical-Horizontal Air Handling Unit	Gravity	Ø3/4 / —	—

Figure 82: Diagram of an Indoor Unit with a Gravity Drain.

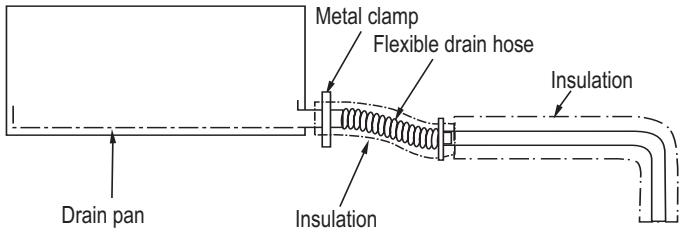
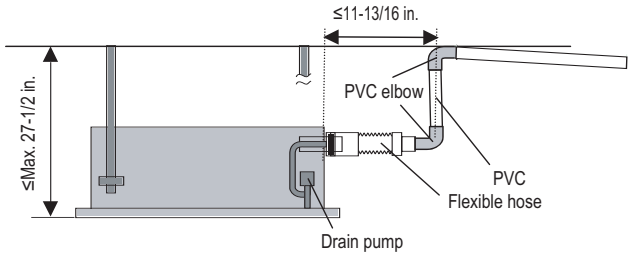


Figure 83: Diagram of an Indoor Unit with a Drain Pump.



Note:

Ensure the indoor unit, refrigerant piping, power wiring / communication cables, and drain piping is properly supported with anchor bolts and clamp hangers positioned at 3.3 to 4.9 foot intervals.

Flexible Drain Hose

Some indoor units include a factory-provided flexible drain pipe for installation.

- Install the flexible drain pipe as straight as possible; sharp angles may cause the pipe to deteriorate and may crack over time.
- Connect the flexible drain pipe with a round clamp. If the flexible drain pipe is not installed properly, water will leak from the connection.
- Do not include a reverse slope in the drain connection.

Figure 84: Flexible Drain Hose Connection.

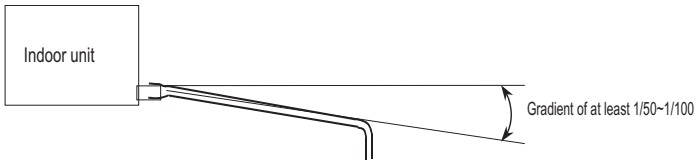


Clamp the Flexible Drain Hose Connection

Drainage Gradient

The gradient for drain piping should be at least 1/50 to 1/10. Ensure any holes through ceilings, walls, etc., are large enough to accommodate both the drain piping and any insulation.

Figure 85: Drain Piping Gradient Recommendation.



Due to our policy of continuous product innovation, some specifications may change without notification.
©LG Electronics U.S.A., Inc., Englewood Cliffs, NJ. All rights reserved. "LG" is a registered trademark of LG Corp.

INSTALLATION & LAYOUT BEST PRACTICES

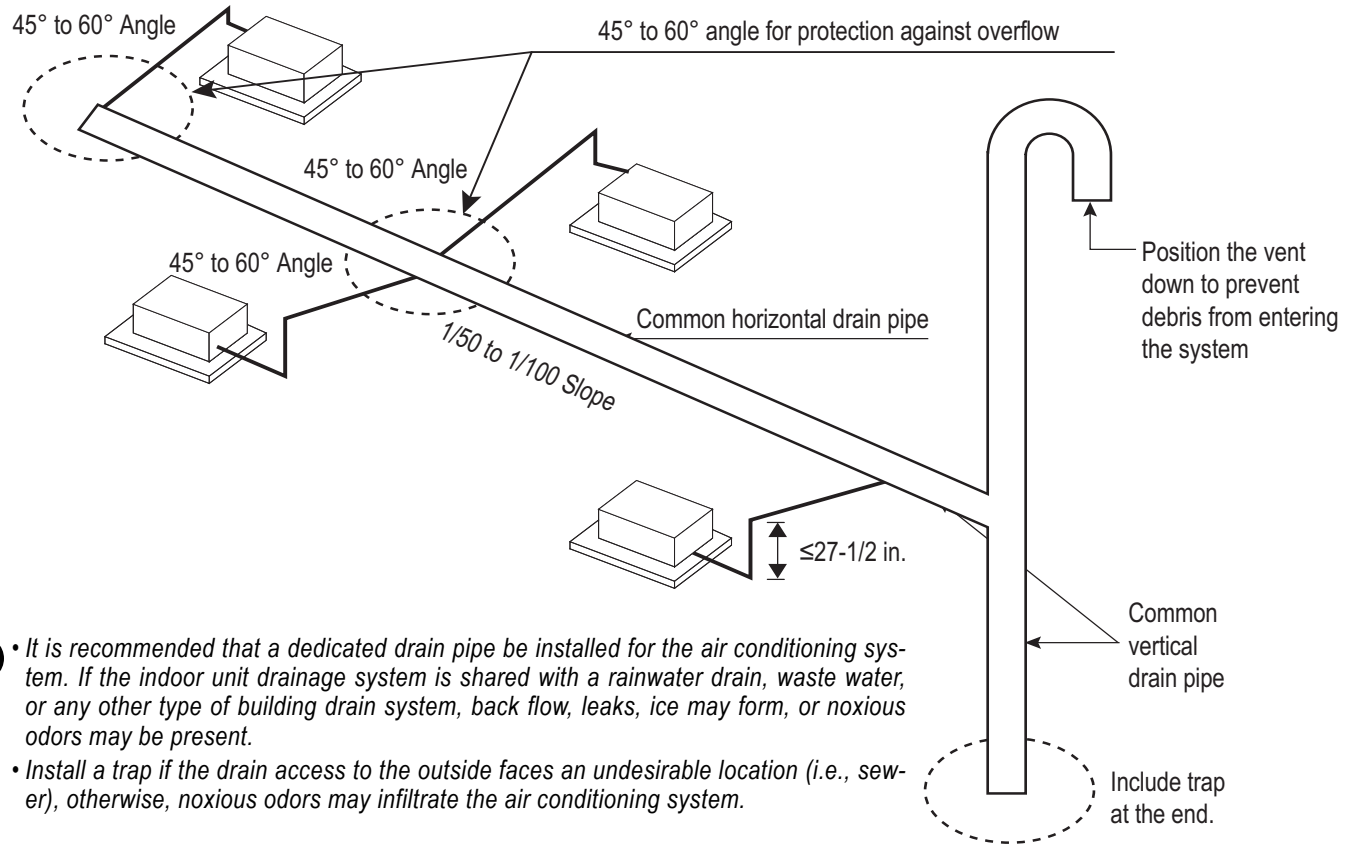
MULTI F
MULTI F MAX

Condensate Drain Piping

Common Indoor Unit Drainage System

It is usual work practice to connect individual indoor unit drain pipes to one common indoor unit drainage system. The diameter of the common vertical drain pipe should be as large as necessary. (For systems with <80,000 Btu/h total capacity of all connected indoor units, the standard size for the common vertical drain pipe is 0.98 ID, in. and 1.26 OD, in.) The diameter of the horizontal pipe should be the same or larger than the vertical drain pipe. To avoid property damage in the event of the primary drain becoming clogged, and to optimize drain system performance, it may be prudent to install a secondary drain line. Design the drain system to plan for winter operation (condensate line may freeze up if condensate does not properly drain away). Drain all generated condensate from the external condensate pan to an appropriate area. Install a trap in the condensate lines as near to the indoor unit coil as possible; to prevent overflow the outlet of each trap should be positioned below its connection to the condensate pan. All traps should be primed, insulated, and leak tested if located above an inhabited space.

Figure 86: Example of a Common Indoor Unit Drainage System.



- *It is recommended that a dedicated drain pipe be installed for the air conditioning system. If the indoor unit drainage system is shared with a rainwater drain, waste water, or any other type of building drain system, back flow, leaks, ice may form, or noxious odors may be present.*
- *Install a trap if the drain access to the outside faces an undesirable location (i.e., sewer), otherwise, noxious odors may infiltrate the air conditioning system.*

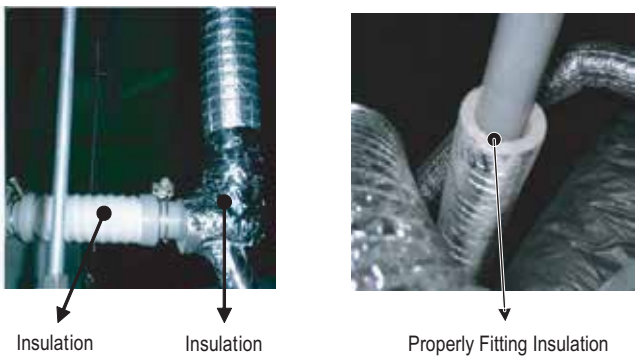
Drain Leak Test

A leak test should be performed 24 hours after the drainage system has been installed. Only use water for the test; other liquids are unacceptable.

Drain Pipe Insulation

To prevent condensate from forming on the drain piping, install field-supplied 0.4 inch thick polyethylene. The insulation should be securely fastened with all connected joints and ends properly covered.

Figure 87: Properly Insulating the Drainage Piping.



Due to our policy of continuous product innovation, some specifications may change without notification.
©LG Electronics U.S.A., Inc., Englewood Cliffs, NJ. All rights reserved. "LG" is a registered trademark of LG Corp.

CUT SHEET

Y-Branch Kit

- LG Y-Branch Kit PMBL5620 is required when installing two branch distribution units in parallel on one LG Multi F MAX system.
- The kit must be properly installed following instructions in the applicable LG manual. Field-supplied branch fittings are not permitted.
- Kit components must be kept free of debris and be dry before installation.
- All Y-Branch Kits include a clam shell, peel-and-stick insulation jacket.



Table 188: Fitting Properties.

Material	Copper
Design Pressure	551 psig

Table 189: Multi F MAX Y-Branch Connection Diameters.

Model	Y-Branch Type	Port Identifier (inch)		
		1	2	3
PMBL5620	Liquid	Ø3/8	Ø3/8	Ø3/8
	Vapor	Ø3/4	Ø3/4	Ø3/4
	Y-Branch Type	Dimensions (inch)		
		X	Y	
	Liquid	13.80	3.24	
	Vapor	12.48	3.02	

Figure 88: Y-Branch Port Identifier Diagram.

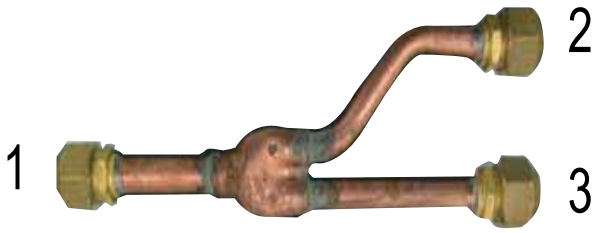
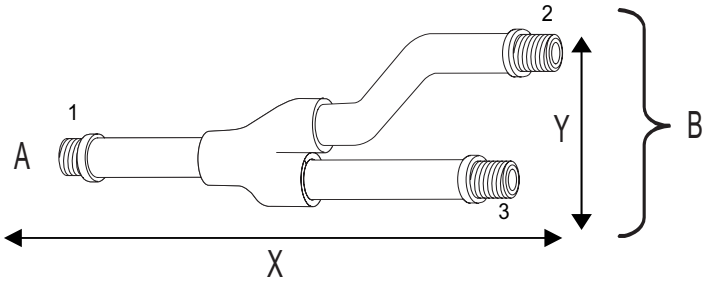


Figure 89: Y-Branch Dimensions Diagram.

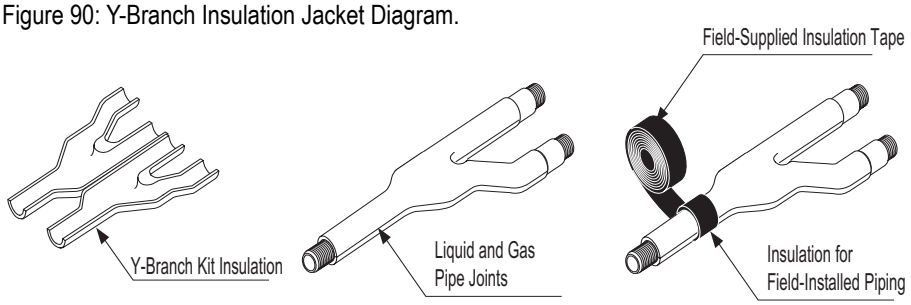


A = To Outdoor Unit
B = To Branch Distribution Unit

Table 190: Insulation Jacket Properties.

Material	Polyolefin Foam
UL94 Flame Classification	HF-1
Density	1.84 lbs./ft.^{3}
Thermal Conductivity	.0208 Btu/h/ft. ºR
Thickness	1/2 inch

Figure 90: Y-Branch Insulation Jacket Diagram.



Due to our policy of continuous product innovation, some specifications may change without notification.
©LG Electronics U.S.A., Inc., Englewood Cliffs, NJ. All rights reserved. "LG" is a registered trademark of LG Corp.

Due to our policy of continuous product innovation, some specifications may change without notification.
©LG Electronics U.S.A., Inc., Englewood Cliffs, NJ. All rights reserved. "LG" is a registered trademark of LG Corp.

WIRING CONNECTIONS

“General Information” on page 220

“Power Wiring (208-230V) and Communications Cable Details” on page 223

“Indoor Unit Group Control” on page 228

WIRING CONNECTIONS

General Information

MULTI F
MULTI F MAX

⚠ WARNING

- *Only qualified technicians—in accordance with federal, state, and local codes, and manufacturer product diagrams and requirements—should install the power wiring and communication cables.*
- *Use only copper wiring that is stranded, shielded with the wires separately insulated.*
- *Do not use a multi-conductor cable with more than five (5) wires in one (1) core.*
- *Power wiring and communications cable sizes must comply with applicable federal UL / ETL, state, and local codes.*
- *Verify that the branch switch and circuit breaker are set to OFF before installing the wiring system.*
- *Do not operate the air conditioning system until the refrigerant piping installation is complete. Operating the system before refrigerant piping is finalized may damage the compressor.*
- *Install a ground wire for the outdoor units, indoor units, and branch distribution units.*
- *Install a main shutoff switch or circuit breaker that interrupts all power sources simultaneously (circuit breaker should be resistant to electromagnetic currents).*
- *To avoid the possibility of explosion, fire, etc., do not connect the ground wiring to gas or sewage pipes, lightening rods, and telephone wires. Use clamps to prevent the wires from touching the piping.*
- *Use ring terminals to attach the wiring. Verify that all power wiring and communications cable terminals are securely attached; ensure enough slack is included in the wiring and cables to avoid damaging the connections.*
- *Use a conduit to protect the power wiring.*
- *Do not install a phase-advancing capacitor; the outdoor unit may overheat.*

Power Wiring and Communications Cable Installation

For both Multi F and Multi F MAX systems, power is wired to the outdoor unit only. The outdoor unit will supply power to the branch distribution units (Multi F MAX systems only) and the indoor units through the power wiring / communications cable.

Electrical Specifications

1. Multi F and Multi F MAX Outdoor Units: 1Ø, 208-230V, 60Hz
2. Indoor units / Branch Distribution Units (Multi F MAX systems only): 1Ø, 208-230V, 60Hz from the outdoor unit (Indoor units draw minimal power.)
3. Power supply wire type and size should be selected based on NEC and local codes. Maximum allowable voltage fluctuation ±10% of the nameplate rated value.
4. Properly ground the outdoor unit per NEC and / or local code.
5. Use only copper wiring that is stranded and shielded with the wires separately insulated.

Power Wiring / Communications Cable Specifications

- From Multi F Outdoor Units to Indoor Units = 4 x 18AWG
- From Multi F MAX Outdoor Units to Branch Distribution Units = 4 x 16AWG
- From Multi F MAX Branch Distribution Units to Indoor Units = 4 x 18AWG
- Maximum Allowable Temperature: 194°F
- Multi F System Maximum Cable Length: 88.6 ft.
- Multi F MAX System Maximum Cable Length:
  - Outdoor Unit to Branch Distribution Unit(s): 180.4 ft.
  - Branch Distribution Unit(s) to Indoor Unit(s): 49.2 ft.
- Indoor Unit(s) to Wired Controller: Three-core cable

Figure 91: Power Wiring to Multi F and Multi F MAX ODU.

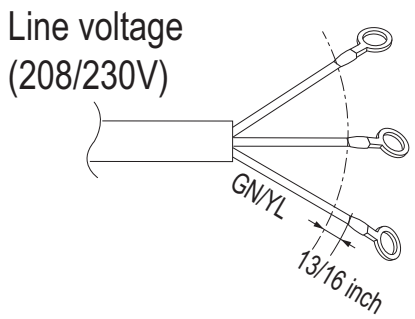
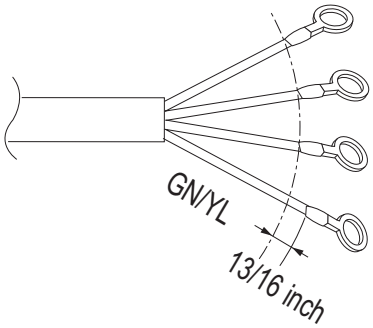


Figure 92: Power Wiring and Communications Cable from the Multi F ODU to the IDUs, or from the Multi F MAX ODU to the BDUs and from the BD Unit to the IDUs.



Due to our policy of continuous product innovation, some specifications may change without notification.
©LG Electronics U.S.A., Inc., Englewood Cliffs, NJ. All rights reserved. "LG" is a registered trademark of LG Corp.

Connecting the Power Wiring / Communications Cable

Best practice dictates using ring or spade terminals to terminate power wiring at the power terminal block. If ring terminals or spade clips are not available, then:

- Do not terminate different gauge wires to the power terminal block. (Slack in the wiring may generate heat.)
- When terminating wires of the same thickness, follow the instructions demonstrated in the figures below.
- Firmly attach the wire; secure in a way to prevent external forces from being imparted on the terminal block.
- Use an appropriately sized screwdriver for tightening the terminals.
- Do not overtighten the connections; overtightening may damage the terminals.

Figure 93: Close up of a Typical Ring Terminal.

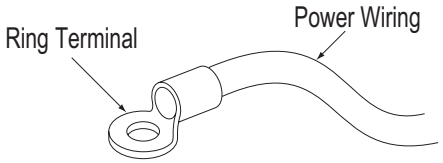


Figure 94: Close up of the Indoor Unit Terminal Block.

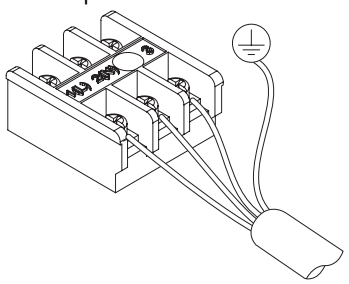
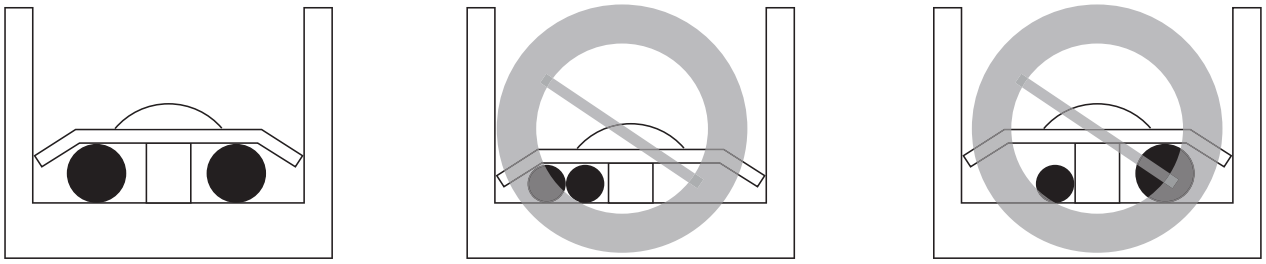


Figure 95: Proper and Improper Power Wiring Connections.

● :Copper Wire



Terminate multiple power wires of the same gauge to both sides.

Do not terminate two wires on one side.

Do not terminate different gauge wires to a terminal block.

⚠WARNING

If power wires are not properly terminated and firmly attached, there is risk of fire, electric shock, and physical injury or death.

Note:

- *Never apply line voltage power to the communications cable terminal block. If contact is made, the PCBs may be damaged.*
- *Always include some allowance in the wiring length when terminating. Provide some slack to facilitate removing the electrical panels while servicing.*

Due to our policy of continuous product innovation, some specifications may change without notification.
©LG Electronics U.S.A., Inc., Englewood Cliffs, NJ. All rights reserved. "LG" is a registered trademark of LG Corp.

Figure 96: Multi F System General Power / Communications System Schematic.

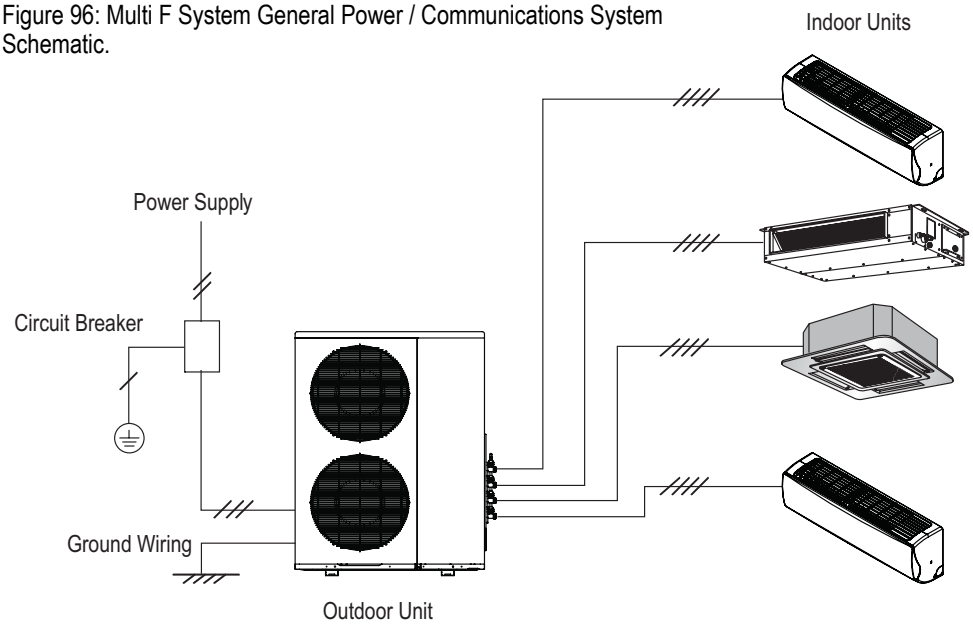
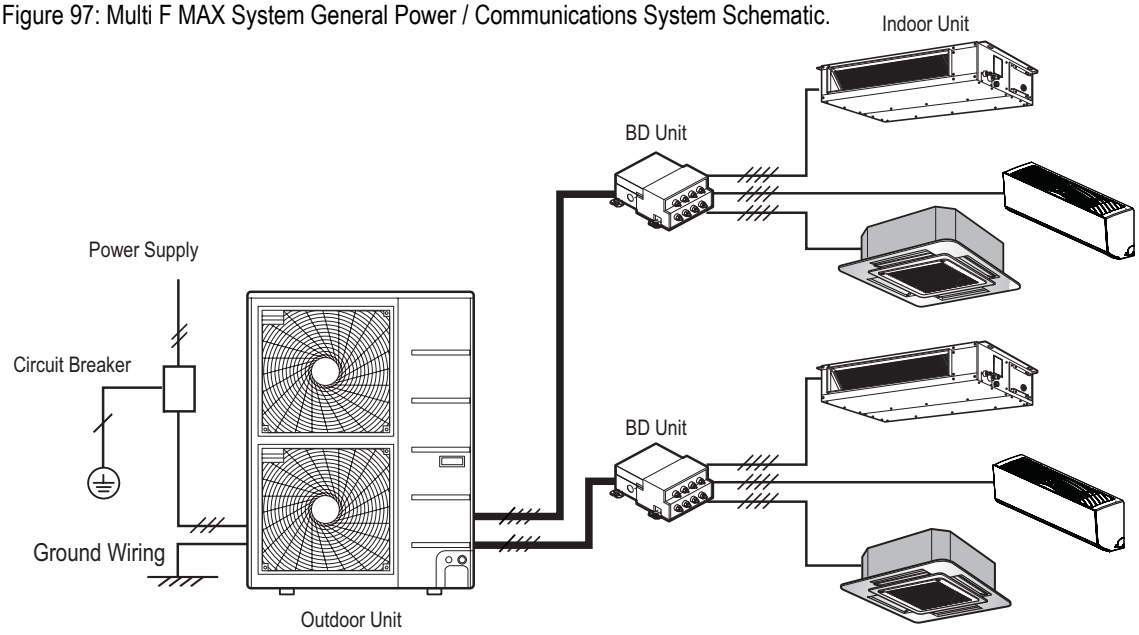


Figure 97: Multi F MAX System General Power / Communications System Schematic.



Note:

- *Secure the separate wires in the control box panel using zip ties.*
- *Secure wiring with accessory clamps so that it does not touch piping.*
- *Use a conduit for the cable*
- *Outside the unit, make sure the communications cable and the power wiring are separately shielded, otherwise, the outdoor unit operation may be affected by electrical noise and will malfunction or fail.*

Due to our policy of continuous product innovation, some specifications may change without notification.
©LG Electronics U.S.A., Inc., Englewood Cliffs, NJ. All rights reserved. "LG" is a registered trademark of LG Corp.

WIRING CONNECTIONS

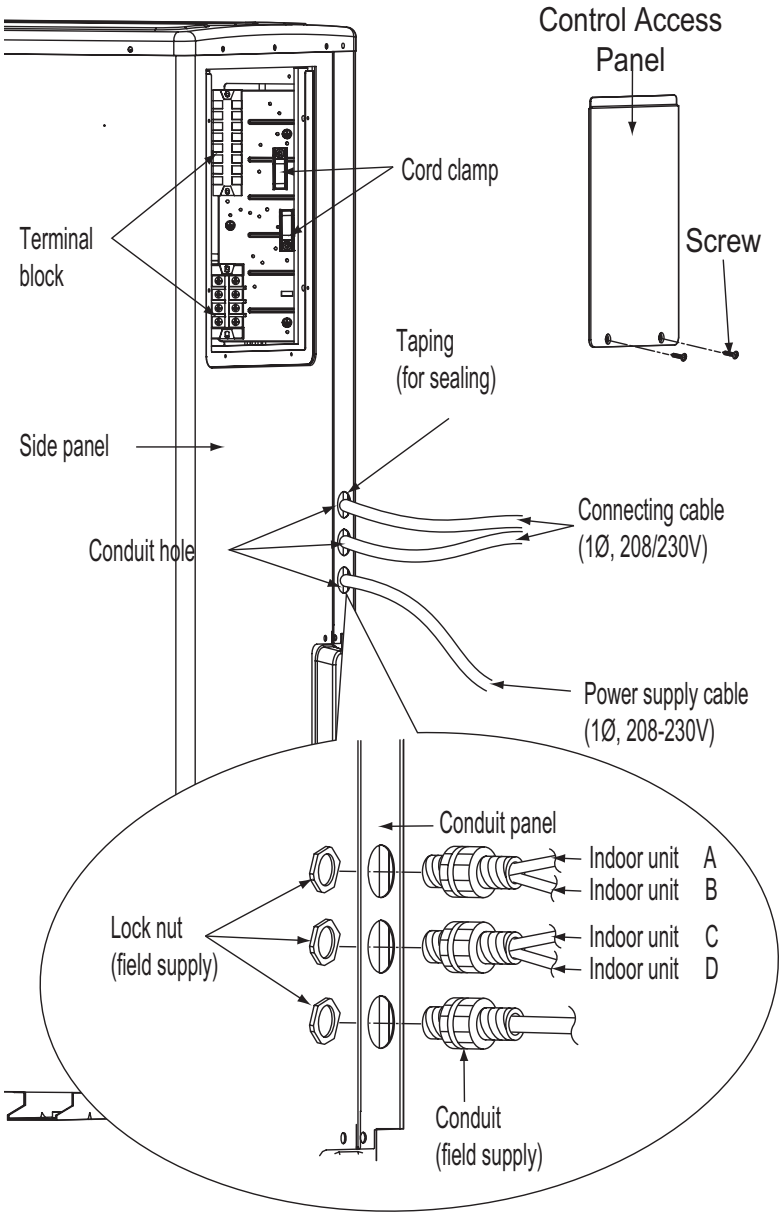
Power Wiring (208-230V) and Communications Cable Details

- Find the outdoor unit terminal block by unscrewing the control access panel.
- Side panel of the outdoor unit has knockout holes for the conduits. After install is complete, seal up any gaps between the panel and the conduits.
- Clamp is included near the terminal block to help protect the connections from strain on the cables.

⚠ WARNING

- *Always have a trained technician properly ground the outdoor unit. If the outdoor unit is not properly grounded, there is a risk of electric shock.*
- *Use a conduit for the power wiring.*
- *The communications cable should be separated and isolated from the outdoor unit power wiring, computers, radio and television broadcasting facilities, as well as medical imaging equipment.*

Figure 98: Example of Power Wiring and Communications Cable Terminations.

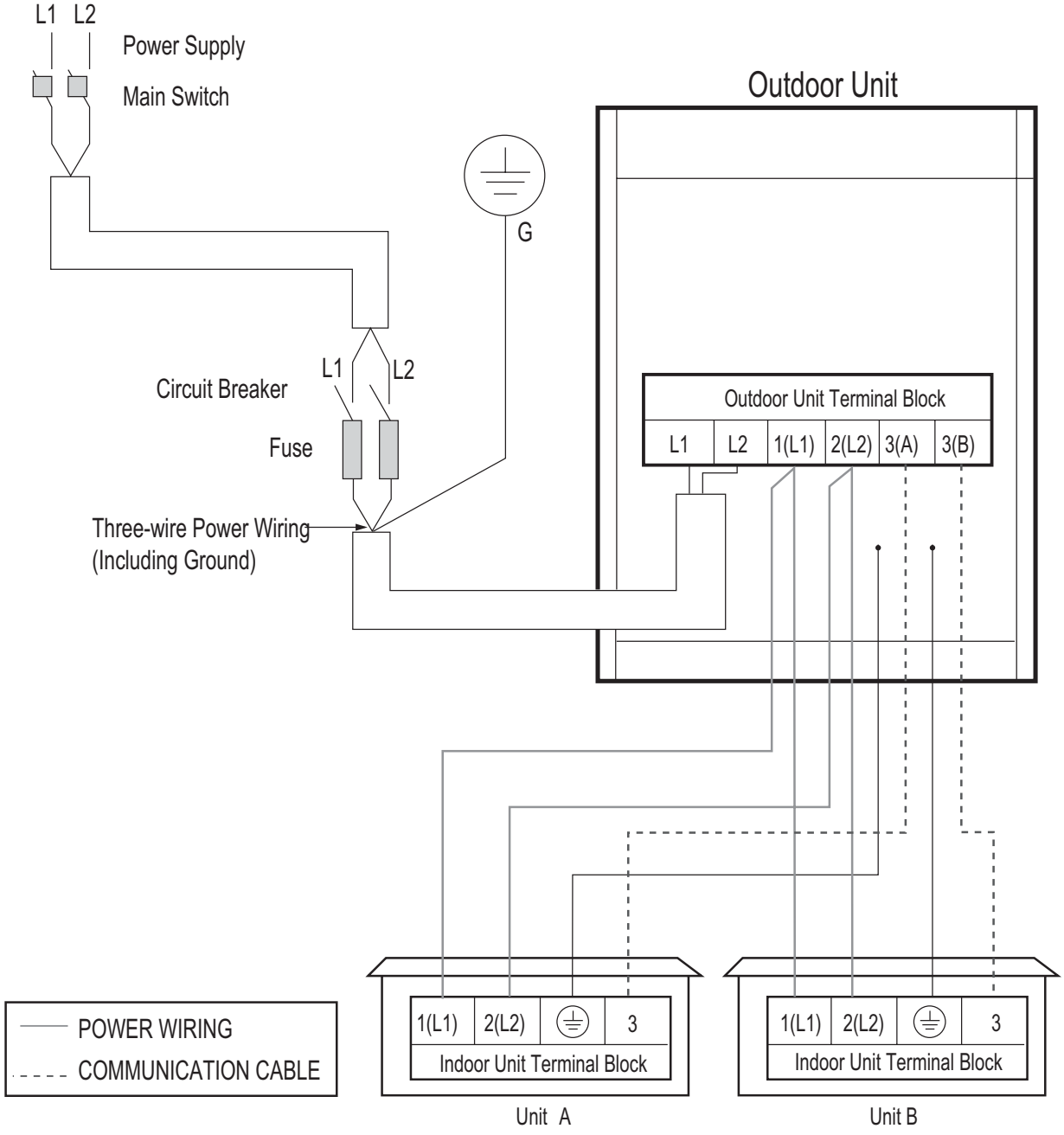


Due to our policy of continuous product innovation, some specifications may change without notification.
©LG Electronics U.S.A., Inc., Englewood Cliffs, NJ. All rights reserved. "LG" is a registered trademark of LG Corp.

WIRING CONNECTIONS

Power Wiring (208-230V) and Communications Cable Details

Figure 99: Multi F LMU187HV System Power Wiring and Communications Cable.



⚠ WARNING

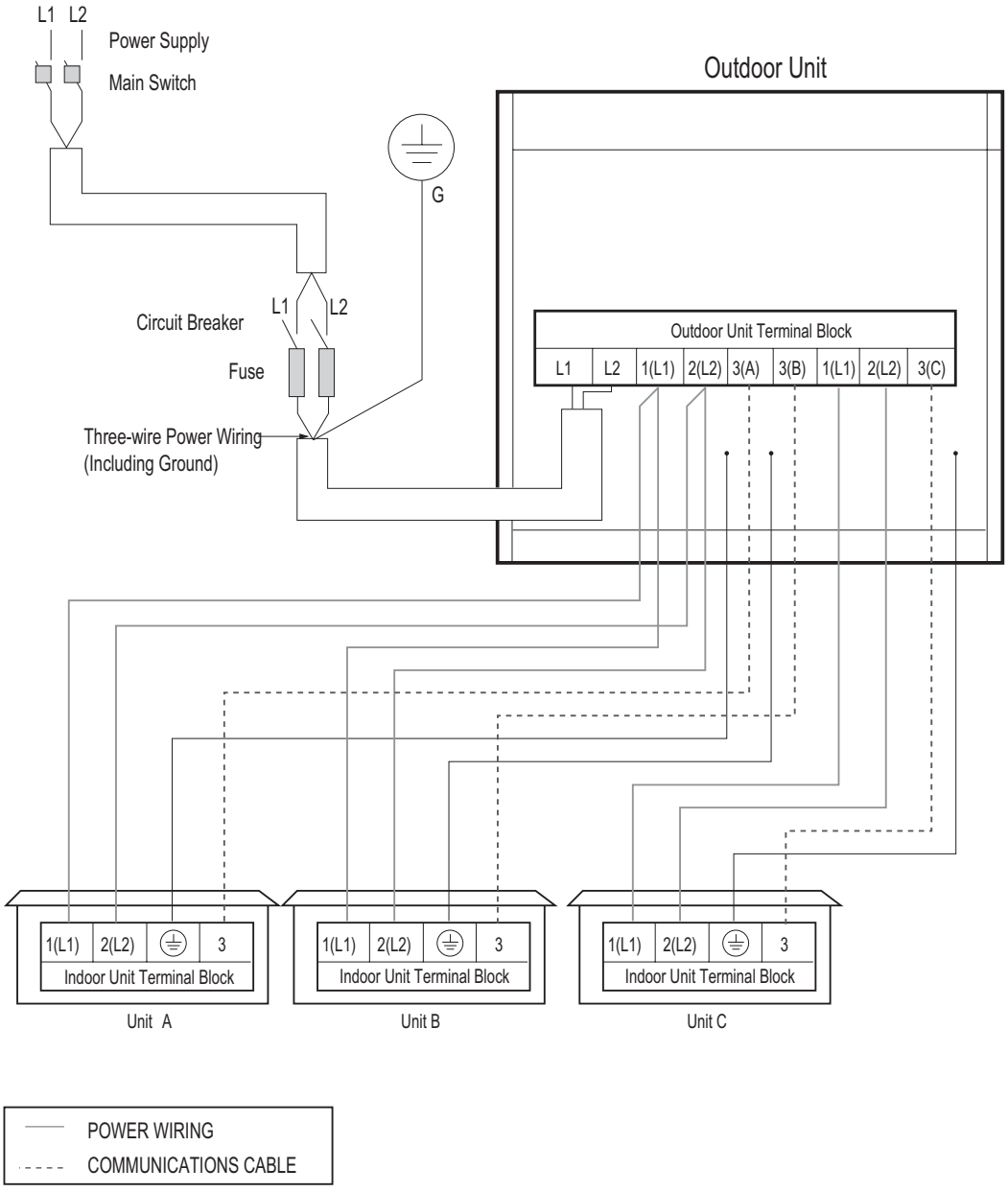
- *All field-supplied wiring, components, and materials should follow national, state, and local codes and requirements.*
- *Use only stranded, shielded copper conductor.*
- *Ground wiring is required to prevent accidental electrical shock during current leakage, communication problems from electrical noise, and motor current leakage. Do not connect the ground line to the pipes.*
- *Install a main shutoff switch or circuit breaker that interrupts all power sources simultaneously.*
- *Wiring cable size must comply with applicable national, state, and local codes.*

Due to our policy of continuous product innovation, some specifications may change without notification.
©LG Electronics U.S.A., Inc., Englewood Cliffs, NJ. All rights reserved. "LG" is a registered trademark of LG Corp.

WIRING CONNECTIONS

Power Wiring (208-230V) and Communications Cable Details

Figure 100: Multi F LMU247HV System Power Wiring and Communications Cable.

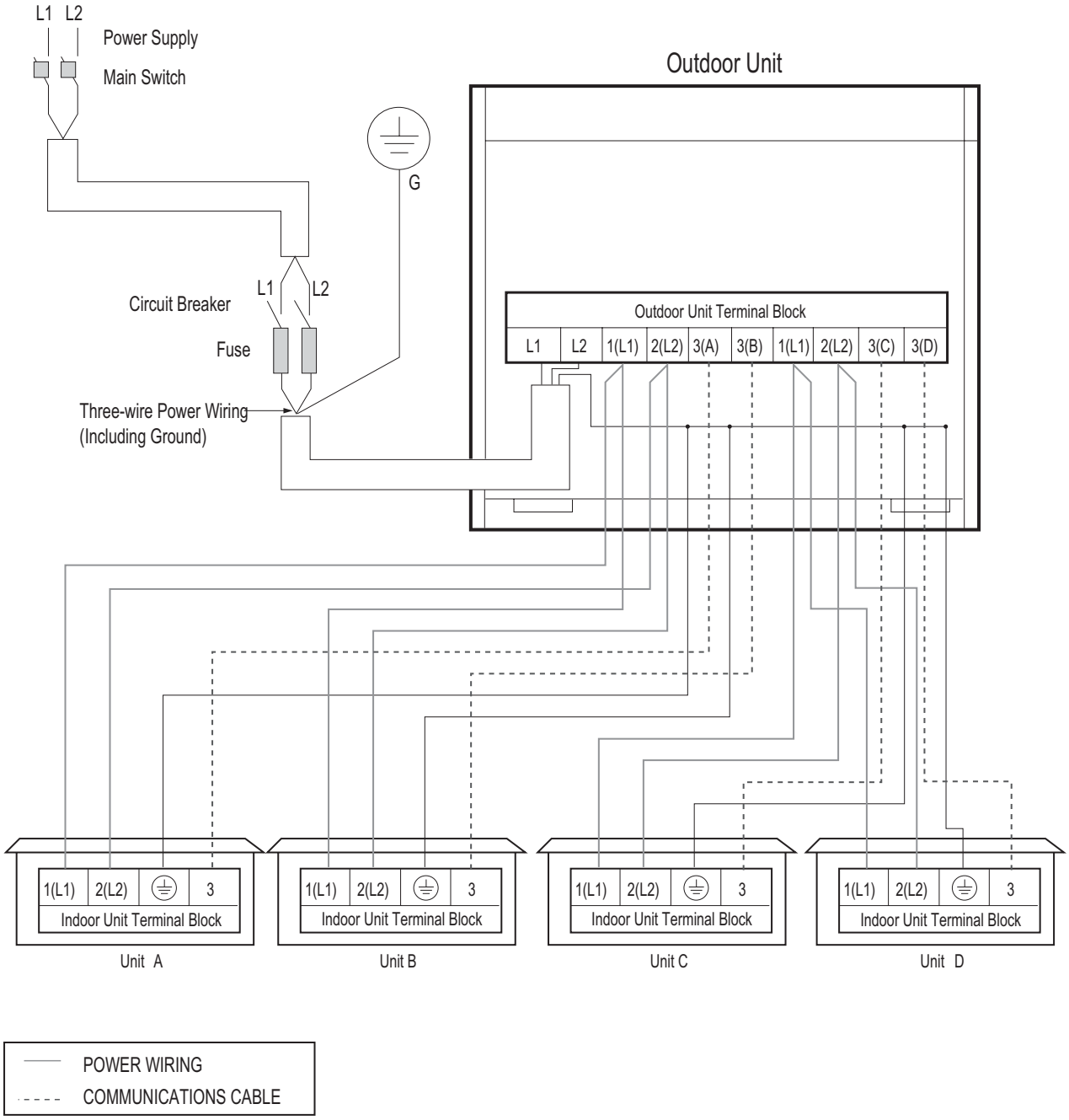


⚠ WARNING

- *All field-supplied wiring, components, and materials should follow national, state, and local codes and requirements.*
- *Use only stranded, shielded copper conductor.*
- *Ground wiring is required to prevent accidental electrical shock during current leakage, communication problems from electrical noise, and motor current leakage. Do not connect the ground line to the pipes.*
- *Install a main shutoff switch or circuit breaker that interrupts all power sources simultaneously.*
- *Wiring cable size must comply with applicable national, state, and local codes.*

Due to our policy of continuous product innovation, some specifications may change without notification.
©LG Electronics U.S.A., Inc., Englewood Cliffs, NJ. All rights reserved. "LG" is a registered trademark of LG Corp.

Figure 101: Multi F LMU369HV System Power Wiring and Communications Cable.



⚠ WARNING

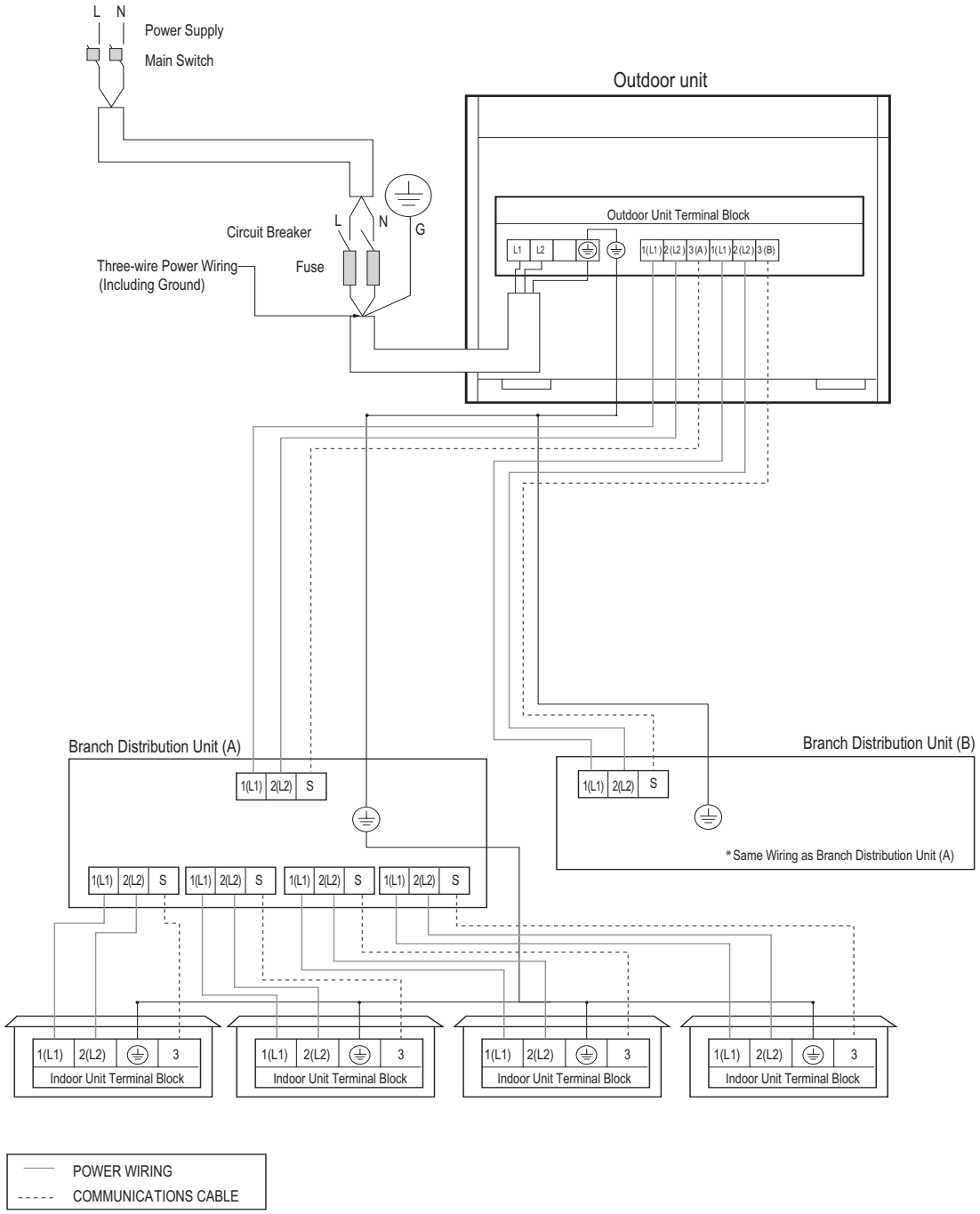
- *All field-supplied wiring, components, and materials should follow national, state, and local codes and requirements.*
- *Use only stranded, shielded copper conductor.*
- *Ground wiring is required to prevent accidental electrical shock during current leakage, communication problems from electrical noise, and motor current leakage. Do not connect the ground line to the pipes.*
- *Install a main shutoff switch or circuit breaker that interrupts all power sources simultaneously.*
- *Wiring cable size must comply with applicable national, state, and local codes.*

Due to our policy of continuous product innovation, some specifications may change without notification.
©LG Electronics U.S.A., Inc., Englewood Cliffs, NJ. All rights reserved. "LG" is a registered trademark of LG Corp.

WIRING CONNECTIONS

Power Wiring (208-230V) and Communications Cable Details

Figure 102: Multi F MAX LMU540HV System Power Wiring and Communications Cable.



⚠ WARNING

- *All field-supplied wiring, components, and materials should follow national, state, and local codes and requirements.*
- *Use only stranded, shielded copper conductor.*
- *Ground wiring is required to prevent accidental electrical shock during current leakage, communication problems from electrical noise, and motor current leakage. Do not connect the ground line to the pipes.*
- *Install a main shutoff switch or circuit breaker that interrupts all power sources simultaneously.*
- *Wiring cable size must comply with applicable national, state, and local codes.*

Due to our policy of continuous product innovation, some specifications may change without notification.
©LG Electronics U.S.A., Inc., Englewood Cliffs, NJ. All rights reserved. "LG" is a registered trademark of LG Corp.

Communication Cables Between Multiple Indoor Units Operating as a Group (Group Control)

1. If any indoor units were specified to operate in unison, use one (or multiple) three-core Group Control Kit (sold separately) containing extension and Y-splitter cables. One (1) group control cable kit for each indoor unit in the group except for the last indoor unit.

2. Always use an LG provided group control communications cable (Group Control Kit; sold separately) between the indoor unit and the wall-mounted zone controller.

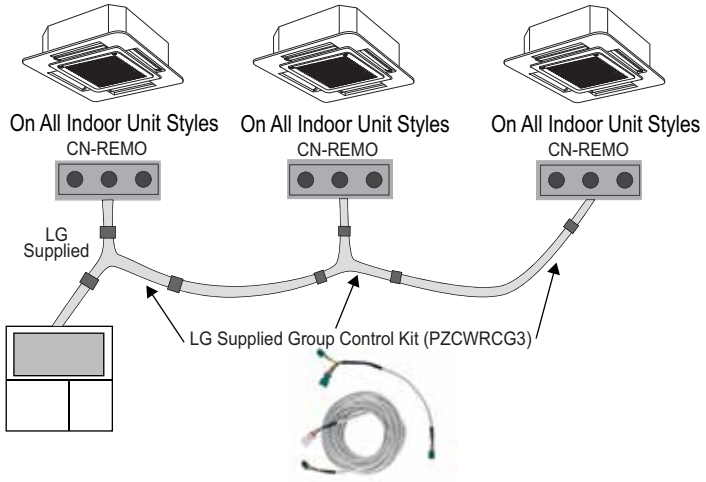
3. NEVER splice, cut, or extend cable length with field provided cable.

4. A maximum of 16 indoor units can be connected to a wired remote controller (maximum wire length: 164 feet). Before running cable, decide which indoor unit will be the “Master;” set the remaining as “Slave.” The zone controller will be connected to the “Master.”

5. Identify each indoor unit operating as a group as “Master” or “Slave”. Adjust the pertinent DIP switch at each indoor unit. On wall mounted indoor unit models, set the assignment using the handheld remote controller.

6. Use a daisy chain configuration and connect all of the group’s indoor units together starting at the “Master” unit.

Figure 103: Indoor Unit Group to Zone Controller Connections.



Note:

Cable connected to Zone Controller is the factory default connection.

General Specifications

- Wired remote controllers can be connected to all indoor unit types.
- Wireless handheld controllers can be used in conjunction with wired remote controllers.
- A dry contact unit can be connected with a central controller simultaneously.
  - The master indoor unit is recognized by the dry contact unit and the central controller.
  - Group Control only available for indoor units manufactured after February 2009.
  - The central controller can control indoor units after setting the address of the master indoor unit only.
  - Slave indoor unit cannot be individually controlled by central controller.
  - Slave indoor unit will operate like master indoor unit.
- If an error occurs with the indoor unit, the error will be displayed on the wired remote controller.
- The following functions are available with group control:
- Selection of operation options (operation/mode/set temperature)
- Control of air flow rate (High/Medium/Low)

Table 191: Accessories Required for Group Control.

Accessory	Model Number	Image
Wired Remote Group Control Cable Assembly - Required for connecting multiple indoor units to a control group	PZCWRCG3	
Wired Remote/Wired Remote Extension Cable - Required for extending the distance between indoor units or remote controllers in a control group	PZCWRC1	

Due to our policy of continuous product innovation, some specifications may change without notification.
©LG Electronics U.S.A., Inc., Englewood Cliffs, NJ. All rights reserved. “LG” is a registered trademark of LG Corp.

ACRONYMS

Table 192: Table of Acronyms.

ABS	Acrylonitrile Butadiene Styrene	IAQ	Indoor Air Quality
AC	Air Conditioner	IDU	Indoor Unit
ACP	Advanced Control Platform	IUCF	Indoor Unit Correction Factor
ARI	Air Conditioning and Refrigeration Institute	KTL	Korea Testing Laboratories
ASHRAE	American Society of Heating, Refrigeration, and Air Conditioning	LATS	LG Air Conditioning Technical Solution
AWG	American Wire Gauge	LGAP	LG Air Conditioner Protocol
BDU	Branch Distribution (Unit)	MAT	Mixed Air Temperature
Btu/h	British Thermal Units per hour	MBh	Thousands BTUs per hour
CCR	Corrected Capacity Ratio	MCA	Maximum Circuit Ampacity
CDOA	Coupled Dedicated Outdoor Air	MFS	Maximum Fuse Size
CFM	Cubic Feet per Minute	NEC	National Electrical Code
CR	Combination Ratio	OAT	Outdoor Air Temperature
DB	Dry Bulb	ODU	Outdoor Unit
dB(A)	Decibels with “A” frequency weighting	OUCF	Outdoor Unit Correction Factor
DDOAS	Decoupled Dedicated Outdoor Air	PDI	Power Distribution Indicator
DFS	Duct-Free Split	PI	Power Input
DI	Digital Input	PTAC	Packaged Terminal Air Conditioner
DO	Digital Output	PVE	Polyvinyl Ether
EEV	Electronic Expansion Valve	RAT	Return Air Temperature
ELF	Equivalent Length in Feet	RCL	Refrigerant Concentration Limit
EPDM	Ethylene Propylene Diene M-Class Rubber	SC	Sensible Capacity
ESP	External Static Pressure	TC	Total Capacity
ETL	Electronic Testing Laboratories	VAV	Variable Air Volume
HACR	Heating, Air Conditioning, and Refrigeration	VRF	Variable Refrigerant Flow
H/M/L	High / Medium / Low	VRP	Ventilation Rate Procedure

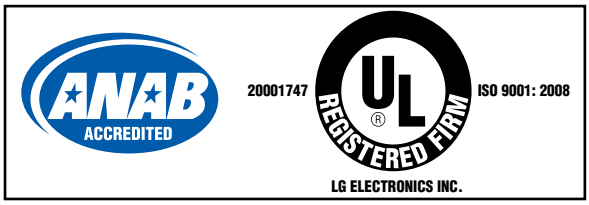
Due to our policy of continuous product innovation, some specifications may change without notification.
©LG Electronics U.S.A., Inc., Englewood Cliffs, NJ. All rights reserved. “LG” is a registered trademark of LG Corp.













LG
Life's Good

LG Electronics
Commercial Air Conditioning Division
11405 Old Roswell Road
Alpharetta, Georgia 30009
www.lg-dfs.com

LG Electronics Products Support
1-888-865-3026 USA
Follow the prompts for HVAC products.

DFS-EM-AJ-001-US 014C25
Supersedes DFS-EM-AJ-001-US 014A03
Supersedes DFS-EM-AJ-001-US 013M09
Supersedes DFS-EM-AJ-001-US 013K30

LG
Life's Good

ENGLISH
FRANÇAIS
ESPAÑOL

OWNER'S MANUAL

AIR CONDITIONER

Please read this manual carefully before operating your set and retain it for future reference.

TYPE : Ceiling Cassette

http://www.lghvac.com
www.lg.com

P/NO : MFL67449211

TABLE OF CONTENTS

A. Safety Precautions 3
B. Electrical Safety 6
Temporary Use of an Adapter 6
Symbols used in this Manual 6
C. Product Introduction 7
Indoor Units 7
Outdoor Unit 7
D. Operating Instructions 8
How to insert the Batteries 8
Wireless Remote Controller Maintenance 8
Operation Indication Lamps 8
Operating Method 8
Wireless Remote Controller 9
Wired Remote Controller (Optional) ... 10
Operation Mode 11
Dehumidification mode 12
Fan Mode 12
Auto Operation 12
Power Cooling 12
PLASMA Purification Operation (Optional) 13
Celsius/Fahrenheit Switching 13
Setting the Current Time 13
Sleep Timer Setting 14
On Timer Setting 14
Off Timer Setting 14
To cancel the Timer Setting 15
Up/Down Airflow Direction Control (Optional) 15
Left/Right Airflow Direction Control (Optional) 15
Individual vane angle control (Optional) 16
Forced operation 17
Auto Restart Function 17
E. Maintenance and Service 18
Ceiling Cassette Type 18
Operation Tips! 19

FOR YOUR RECORDS

Write the model and serial numbers here:

Model #

Serial #

You can find them on a label on the side of each unit.

Dealer's Name

Date Purchased

■ Staple your receipt to this page in the event you need it to prove date of purchase or for warranty issues.

READ THIS MANUAL

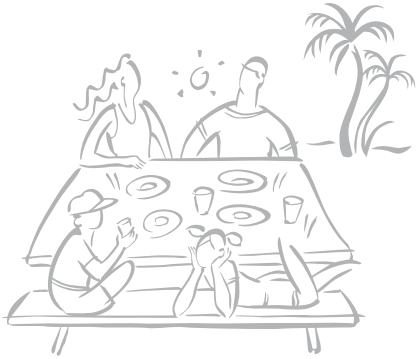
Inside you will find many helpful hints on how to use and maintain your air conditioner properly. Just a little preventive care on your part can save you a great deal of time and money over the life of your air conditioner.

You'll find many answers to common problems in the chart of troubleshooting tips. If you review our chart of

Troubleshooting Tips first, you may not need to call for service at all.

PRECAUTION

- **Contact the authorized service technician for repair or maintenance of this unit.**
- **Contact the installer for installation of this unit.**
- **The air conditioner is not intended for use by young children or invalids without supervision.**
- **Young children should be supervised to ensure that they do not play with the air conditioner.**
- **When the power cord is to be replaced, replacement work shall be performed by authorized personnel only using only genuine replacement parts.**



Safety Precautions

To prevent injury to the user or other people and property damage, the following instructions must be followed.

■ Incorrect operation due to ignoring instruction will cause harm or damage. The seriousness is classified by the following indications.

⚠WARNING	This symbol indicates the possibility of death or serious injury.
⚠CAUTION	This symbol indicates the possibility of injury or damage.

■ Meanings of symbols used in this manual are as shown below.

	**Be sure not to do.**
	**Be sure to follow the instruction.**

⚠WARNING

Always use a power plug and socket with a ground terminal.

• There is a risk of electric shock.

Do not use a defective or underrated circuit breaker. Use the correctly rated breaker and fuse.

• There is risk of fire or electric shock .

Do not use a multi consent. Always use this appliance on a dedicated cicuit and breaker.

• Otherwise it can cause electric shock or fire.

For electrical work, contact the dealer, seller, a qualified electrician, or an Authorized Service Center. Do not disassemble or repair the product by yourself.

• There is risk of fire or electric shock.

Always ground the product as per the wiring diagram. Do not connect the ground wire to gas or water pipes lightening rod or telephone ground wire.

• There is risk of fire or electric shock.

Install the panel and the cover of control box securely.

• There is risk of fire or electric shock due to dust , water etc.

Use the correctly rated breaker or fuse.

• There is risk of fire or electric shock.

Do not modify or extend the power cable. If the power cable or cord has scrathes or skin peeled off or deteriorated then it must be replaced.

• There is risk of fire or electric shock.

For installation, removal or reinstall , always contact the dealer or an Authorized Service Center.

• There is risk of fire, electric shock, explosion, or injury.

Do not install the product on a defective installation stand. Be sure that the installation area does not deteriorate with age.

• It may cause product to fall.

Never install the outdoor unit on a moving base or a place from where it can fall down.

• The falling outdoor unit can cause damage or injury or even death of a person.

When the product is soaked (flooded or submerged) in water , contact an Authorized Service Center for repair before using it again.

• There is risk of fire or eletric shock.

In outdoor unit the step-up capacitor supplies high voltage electricity to the electrical components. Be sure to discharge the capacitor completely before conducting the repair work.

• An charged capacitor can cause electrical shock.

When installing the unit, use the installation kit provided with the product.

• Otherwise the unit may fall and cause severe injury.

Be sure to use only those parts which are listed in the svc parts list. Never attempt to modify the equipment.

• The use of inappropriate parts can cause an electrical shock, excessive heat generation or fire.

Indoor/outdoor wiring connections must be secured tightly and the cable should be routed properly so that there is no force pulling the cable from the connection terminals.

• Improper or loose connections can cause heat generation or fire.

Safely dispose off the packing materials. Like screws, nails, batteries, broken things etc after installation or svc and then tear away and thraw away the plastic packaging bags.

• Children may play with them and cause injury.

Make sure to check that the power cable plug is not dirty, loose or broken and then only insert the plug completely.

• Dirty, loose or broken power plug can cause electric shock or fire.

Be sure to check the refrigerant to the used. Please read the label on the product.

• Incorrect refrigerant used can prevent the normal operation of the unit.

Don't use a power cord, a plug or a loose socket which is damaged.

• Otherwise it may cause a fire or electrical shock.

Do not touch , operate, or repair the product with wet hands. Hold the plug by hand when taking out

• There is risk of electric shock or fire.

Do not place a heater or other heating appliances near the power cable.

• There is risk of fire and electric shock.

Do not allow water to run into electric parts. Install the unit away from water sources.

• There is risk of fire, failure of the product, or electric shock.

Do not store or use or even allow flammable gas or combustibles near the product.

• There is risk of fire.

Do not use the product in a tightly closed space for a long time. Perform ventilation regularly.

• Oxygen deficiency could occur and hence harm your health.

Do not open the front grille of the product during operation. (Do not touch the electrostatic filter, if the unit is so equipped.)

• There is risk of physical injury, electric shock, or product failure.

If strange sounds, smell or smoke comes from product.Immediately turn the breaker off or disconnect the power supply cable.

• There is risk of electric shock or fire.

Ventilate the product room from time to time when operating it together with a stove, or heating element etc.

• Oxygen deficiency can occur and hence harm your health.

Turn the main power off and unplug the unit when cleaning or repairing the product.

• There is risk of electric shock.

When the product is not to be used for a long time, disconnect the power supply plug or turn off the breaker.

• There is risk of product damage or failure, or unintended operation.

Take care to ensure that nobody especially kids could step on or fall onto the outdoor unit.

• This could result in personal injury and product damage.

Take care to ensure that power cable could not be pulled out or damaged during operation.

• There is risk of fire or electric shock.

Do not place ANYTHING on the power cable.

• There is risk of fire or electric shock.

Do not plug or unplug the power supply plug to turn the unit ON/OFF .

• There is risk of fire or electric shock.

When flammable gas leaks, turn off the gas and open a window for ventilation before turn the product on.

• Do not use the telephone or turn switches on or off. There is risk of explosion or fire.

⚠CAUTION

Two or more people must lift and transport the product.

• Avoid personal injury.

Do not install the product where it will be exposed to sea wind (salt spray) directly.

• It may cause corrosion on the product.

Install the drain hose to ensure that the condensed water is drained away properly.

• A bad connection may cause water leakage.

Keep level even when installing the product.

• To avoid vibration or noise.

Do not install the product where the noise or hot air from the outdoor unit could damage or disturb the neighborhoods.

• It may cause a problem for your neighbors and hence dispute.

Always check for gas (refrigerant) leakage after installation or repair of product.

• Low refrigerant levels may cause failure of product.

Do not use the product for special purposes, such as preserving foods, works of art, etc. It is a consumer air conditioner, not a precision refrigeration system.

• There is risk of damage or loss of property.

Do not block the inlet or outlet of air flow.

• It may cause product failure.

Use a soft cloth to clean. Do not use harsh detergents, solvents or splashing water etc .

• There is risk of fire, electric shock, or damage to the plastic parts of the product.

Do not touch the metal parts of the product when removing the air filter.

• There is risk of personal injury.

Do not step on or put anyting on the product. (outdoor units)

• There is risk of personal injury and failure of product.

Always insert the filter securely after cleaning. Clean the filter every two weeks or more often if necessary.

• A dirty filter reduces the efficiency.

Do not insert hands or other objects through the air inlet or outlet while the product is operating.

• There are sharp and moving parts that could cause personal injury.

Be cautious when unpacking and installing the product.

• Sharp edges could cause injury.

If the refrigerant gas leaks during the repair, do not touch the leakaing refrigerant gas.

• The refrigernat gas can cause frostbite (cold burn)

Do not tilt the unit when removing or uninstalling it.

• The condensed water inside can spill .

Do not mix air or gas other than the specified refrigerant used in the system .

• If air enters the refrigerant system, an excessively high pressure results, causing equipment damage or injury.

If the refrigerant gas leaks during the installation, ventilate the area immediately.

• Otherwise it can be harmfull for your health.

Dismantling the unit, treatment of the refrigerant oil and eventual parts should be done in accordance with local and national standards.

Replace the all batteries in the remote control with new ones of the same type. Do not mix old and new batteries or different types of batteries.

• There is risk of fire or product failure.

Do not recharge or disassemble the batteries. Do not dispose off batteries in a fire.

• They may burn or explode.

If the liquid from the batteries gets onto your skin or clothes, wash it well with clean water. Do not use the remote if the batteries have leaked.

• The chemicals in batteries could cause burns or other health hazards.

If you eat the liquid from the batteries, brush your teeth and see doctor. Do not use the remote if the batteries have leaked.

• The chemicals in batteries could cause burns or other health hazards.

Do not let the air conditioner run for a long time when the humidity is very high and a door or a window is left open.

• Moisture may condense and wet or damage furniture.

Do not expose your skin or kids or plants to the cool or hot air draft.

• This could harm to your health.

Do not drink the water drained from the product.

• It is not sanitary and could cause serious health issues.

Use a firm stool or ladder when cleaning, maintaining or repairing the product at an height.

• Be careful and avoid personal injury.

Electrical Safety

⚠WARNING

- This appliance must be properly grounded.
  To minimize the risk of electric shock, you must alway plug into a grounded oulet.
- Do not cut or remove the grounding prong from the power plug.
- Attaching the adapter ground terminal to the wall receptacle cover screw does not ground the appliance unless the cover screw is metal and not insulated, and the wall receptacle is grounded through the house wiring.
- If you have any doubt whether the air conditioner is properly grounded, have the wall receptacle and circuit checked by a qualified electrician.

Temporary Use of an Adapter

We strongly discourage the use of an adapter due to potential safety hazards. For temporary connections, use only a genuine adapter, available from most local hardware stores. Ensure that the large slot in the adapter is aligned with the large slot in the receptacle for a proper polarity connection.

To disconnect the power cord from the adapter, use one hand on each to avoid damaging the ground terminal. Avoid frequently unplugging the power cord as this can lead to eventual ground terminal damage.

⚠WARNING

- Never use the appliance with a broken adapter.

Symbols used in this Manual



This symbol alerts you to the risk of electric shock.



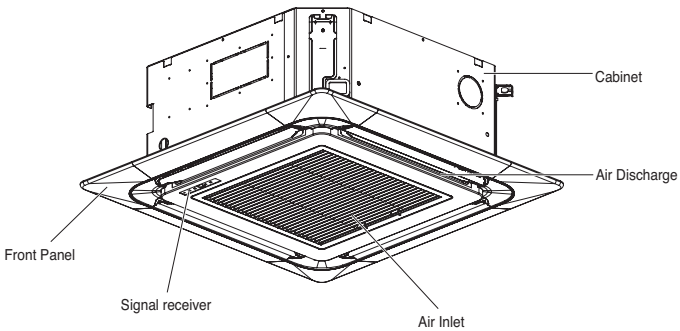
This symbol alerts you to hazards that may cause harm to the air conditioner.

NOTE **This symbol indicates special notes.**

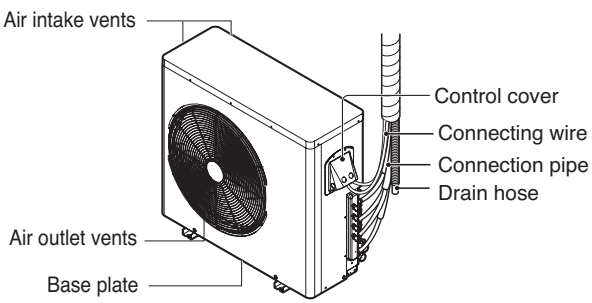
Product Introduction

Indoor Unit

[Ceiling Cassette Type]



Outdoor Unit

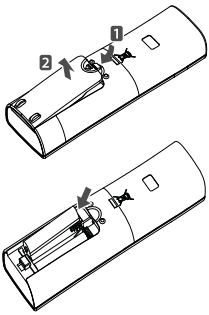


❊ **The figure can be changed according to model.**

Operating Instructions

How to insert the Batteries

1. Remove the battery cover by pulling it according to the arrow direction.
2. Insert new batteries making sure that the (+) and (-) of battery are installed correctly.(Battery Size = AAA)
3. Reattach the cover by sliding it back into position.

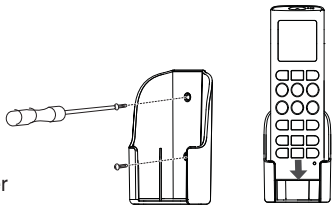


NOTE

1. Always use/replace both batteries of same type.
2. If the system is not to be used for a long time, remove the batteries to save their working life.
3. If the display screen of remote controller starts, fading replace both of the batteries.

Wireless Remote Controller Maintenance

1. Choose a suitable place where its safe & easy to reach.
2. Fix the holder to wall etc with the supplied screws firmly.
3. Slide the remote controller inside the holder.



NOTE

1. Remote controller should never be exposed to direct sunlight.
2. Signal transmitter & receiver should always be clean for proper communication. Use a soft cloth to clean them.
3. In case some other appliances also get operated with remote control, change their position or consult your serviceman.

Operation Indication Lamps

On/Off : Lights up during the system operation.

Filter Sign : Lights up after 2400 hours from the time of first operating unit.

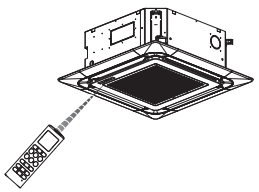
Timer : Lights up during Timer operation.

Defrost Mode : Lights up during Defrost Mode or Hot Start operation.(Heat pump model only)

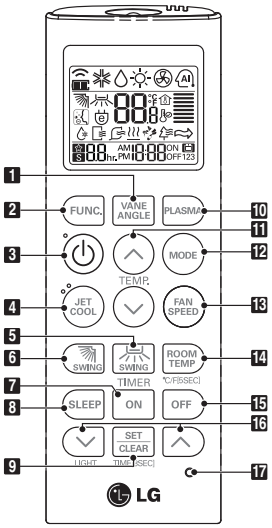
- Forced : To operate the unit when the remote control can't be used for any reason.

Operating Method

1. The signal receiver is inside the unit.
2. Aim the remote controller towards the unit to operate it. There should not be any blockage in between.



Wireless Remote Controller



1. VANE ANGLE Button
Used to set each vane angle.

2. FUNCTION SETTING Button
Used to set or clear Auto Clean, Smart Clean, Electric heater or Individual vane angle control.

3. ON/OFF Button
Used to turn on/off the unit.

4. JET COOL Button
Speed cooling operates super high fan speed.

5. LEFT/RIGHT AIRFLOW Button (OPTIONAL)
Used to set the desired left/right(horizontal) airflow direction.

6. UP/DOWN AIRFLOW Button
Used to stop or start louver movement and set the desired up/down airflow direction.

7. ON TIMER Button
Used to set the time of starting operation.

8. SLEEP TIMER Button
Used to set the time of sleeping operation.

9. SET / CLEAR Button
Used to set/clear the timer.
Used to set the current time(if it input for 3sec.)

10. PLASMA Button (OPTIONAL)
Used to start or stop the plasma-purification function.

11. ROOM TEMPERATURE SETTING Button
Used to select the room temperature.

12. OPERATION MODE SELECTION Button
Used to select the operation mode.

13. INDOOR FAN SPEED SELECTION Button
Used to select fan speed in four steps low, medium, high and chaos.

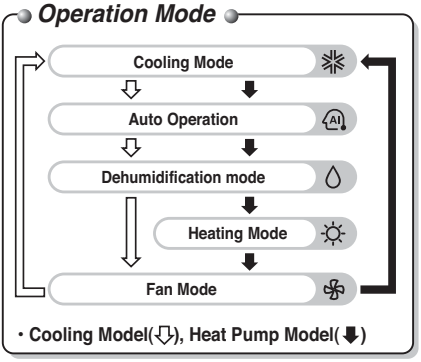
14. ROOM TEMPERATURE CHECKING Button
Used to check the room temperature.

15. OFF TIMER Button
Used to set the time of stopping operation.

16. TIMER SETTING(Up/Down)/LIGHT Button
Used to set the timer.
Used to adjust the brightness.(if it is not time adjust mode)

17. RESET Button
Used to reset the remote controller.

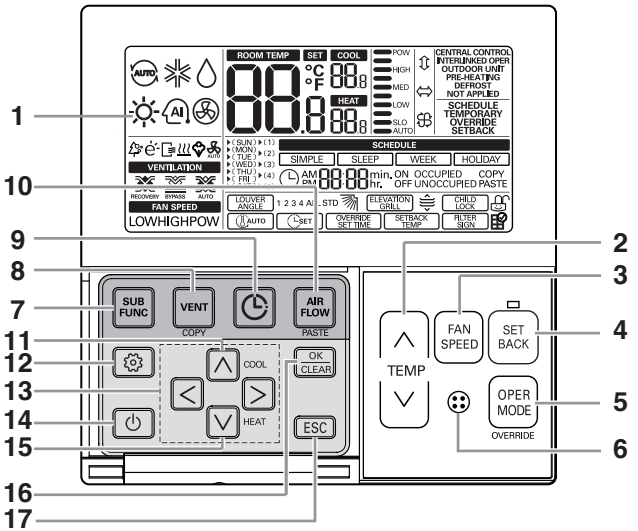
Operation Mode



NOTE

❊ Some functions may not be operated and displayed depending on the product type.

Wired Remote Controller (Optional)



1 **Operation indication screen**
2 **Set temperature button**
3 **Fan Speed button**
4 **Set back button**
5 **Operation mode selection button**
6 **Wireless remote controller receiver**
• Some product don't receive the wireless signals.
7 **Sub function button**
8 **Ventilation button**
9 **Reservation button**
10 **Air flow button**
11 **Cooling desired temperature**
12 **Function setting button**
13 **Up, Down, Left, Right button**
14 **On/Off button**
15 **Heating desired temperature**
16 **Setting/Cancel button**
17 **Exit button**

※ Some functions may not be operated and displayed depending on the product type.
※ If you want to know more information, please refer to Wide Wired Remote Control Manual.

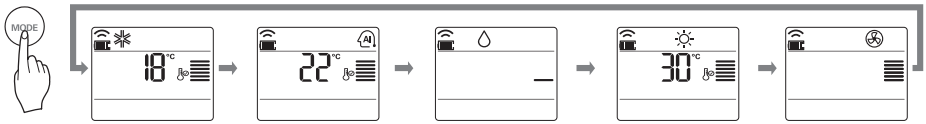
Model : PREMTB10U

Operation Mode

1 Press the ON/OFF BUTTON to turn the unit on.
The unit will respond with a beep.

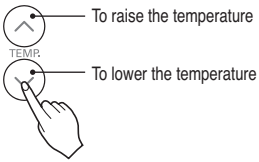


2 Open the door of the remote controller and press the operation mode button. Each time the button is pressed, the operation mode is shifted in the direction of the arrow.

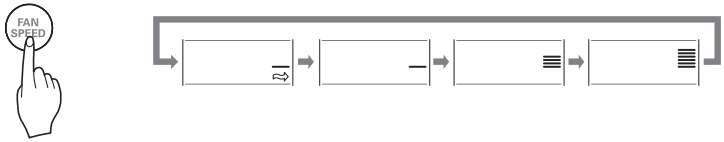


Cooling Mode | Auto Operation | Dehumidification mode | Heating Mode | Fan Mode

3 For cooling or heating operation set the desired indoor temperature by pressing the ROOM TEMPERATURE SETTING BUTTONS.
For cooling the temperature can be set within 18°C~30°C(64°F~86°F) and for heating the temperature range is 16°C~30°C(60°F~86°F).



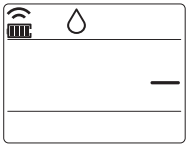
4 Set the fan speed with the remote controller. You can select the fan speed by pressing the INDOOR FAN SPEED SELECTOR BUTTON.
Each time the button is pressed, the fan speed mode is shifted.



Natural wind

❑ For fresher feeling, press the INDOOR FAN SPEED SELECTOR BUTTON selector and set to CHAOS or Natural wind mode. In this mode, the wind blows like a natural breeze by automatically changing fan speed.

Dehumidification mode



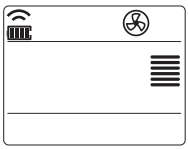
During Healthy Dehumidification Operation

❑ If you select the dehumidification mode on the OPERATION MODE SELECTION BUTTON, the product starts to run the dehumidification function. It automatically sets the room temperature and airflow volume to the best condition for dehumidification, based on the sensed current room temperature.
In this case, however, the setting temperature is not displayed on the remote ontroller and you are not able to control the room temperature either.



❑ During the healthy dehumidification function, the airflow volume is automatically set according to the optimization algorithm responding to the current room temperature status, so that the room condition is kept healthy and comfortable even in the very humid season.

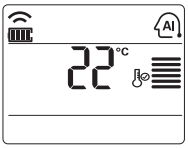
Fan Mode



This operation circulates the air without cooling or heating. It can be activated by pressing the OPERATION MODE SELECTION BUTTON. Once the air circulation is activated you can select the air speed by pressing the INDOOR FAN SPEED SELECTOR BUTTON.



Auto Operation



In this operation mode, the system is automatically operated by the electronic controls.

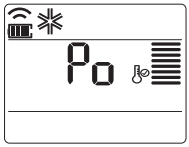
- You can set the desired temperature between 64°F and 86°F for Auto Operation mode.



NOTE

This function properly operates when you use the remote controller matching each model.

Power Cooling

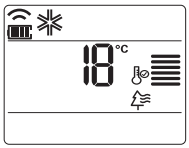


Jet cool function can be used to cool the room quickly in hot summer. When this function is turned on, the air conditioner runs in cooling operation mode with super high fan speed and 18°C(64°F) setting temperature for 30 minutes for fast and effective cooling.

You can activate this operation by pressing the JET COOL BUTTON.
To change from jet cool mode to high fan speed cooling mode, press the JET COOL BUTTON or ININDOOR FAN SPEED SELECTOR BUTTON or the ROOM TERPERATURE SETTING BUTTON again.



PLASMA Purification Operation (Optional)



Plasma filter is a technology developed by LG to get rid of microscopic contaminants in the intake air by generating a plasma of high charge electrons. This plasma kills and destroys the contaminants completely to provide clean and hygienic air.

Plasma purification can be started by pressing the PLASMA BUTTON on the remote controller. Repressing it will deactivate the operation.



NOTE

This feature can be used in any operation mode and any fan speed can be used while plasma filter is functioning.

Celsius/Fahrenheit Switching

Press the °C/°F SWITCH button to change from Celsius to Fahrenheit or from Fahrenheit to Celsius.

Whenever press TEMPERATURE SETTING button in Fahrenheit mode, the temperature will increase/drop 1°F.

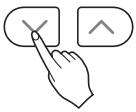


Setting the Current Time

1. Press the SET / CLEAR button for 3 seconds.



2. Press TIME SETTING buttons until the desired time is set. (If you press down the button for a long time, it will change quickly in the units of 10 min.)



3. Press the SET / CLEAR button.



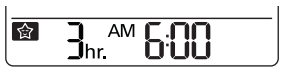
NOTE

Check the indicator for A.M. and P.M.

Sleep Timer Setting

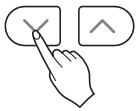
1. Press the TIMER button to turn timer on or off.





Timer Sleep

2. Press TIME SETTING buttons until the desired time is set. (7 hours is the maximum setting)



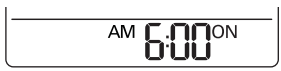
3. Press the SET / CLEAR button.



On Timer Setting

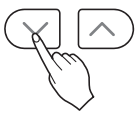
1. Press the ON button to turn timer on or off.





Timer ON

2. Press TIME SETTING buttons until the desired time is set.

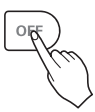


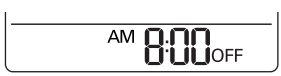
3. Press the SET / CLEAR button.



Off Timer Setting

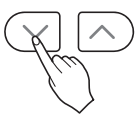
1. Press the OFF button to turn timer on or off.





Timer OFF

2. Press TIME SETTING buttons until the desired time is set.



3. Press the SET / CLEAR button.



To cancel the Timer Setting

- If you wish to cancel all timer setting, press the SET/CLEAR button.
- If you wish to cancel each timer setting, press the each timer button to turn timer sleep or on or off as you want. And then press the SET/CLEAR button aiming the remote controller at the signal receptor. (The timer lamp on the air conditioner and the display will go off.)



Up/Down Airflow Direction Control (Optional)

The up/down airflow (Vertical Airflow) can be adjusted by using the remote controller.

1. Press the ON/OFF button to start the unit.
2. Press UP/DOWN AIRFLOW button and the louvers will swing up and down. Press the UP/DOWN AIRFLOW button again to set the vertical louver at the desired airflow direction.



NOTE

- If you press the UP/DOWN AIRFLOW button, the horizontal airflow direction is changed automatically based on the Auto Swing algorithm to distribute the air in the room evenly and at the same time to make the human body feel more comfortable, as if enjoying a natural breeze.
- Always use the remote controller to adjust the up/down airflow direction. Manually moving the vertical airflow direction louver by hand, could damage the air conditioner.
- When the unit is shut off, the up/down airflow direction louver will close the air outlet vent of the system.

Left/Right Airflow Direction Control (Optional)

The left/right(horizontal) airflow can be adjusted by using the remote control.

1. Press the ON/OFF button to start the unit.
2. Press the LEFT/RIGHT AIRFLOW button and the louvers will swing left and right. Press the Horizontal Airflow Direction Control Button again to set the horizontal louver at the desired airflow direction.



❉ Up/Down and Left/Right Airflow function isn't shown on display of remote controller.

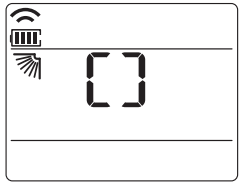
Individual vane angle control (Optional)

It is the function that can control 4 vane angles individually in the ceiling type 4Way cassette product group.

1 Press the VANE ANGLE button.
Individual vane angle control symbol will blink.

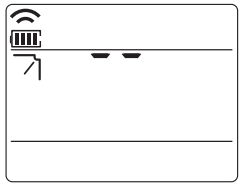


- If you press the VANE ANGLE button for 3 seconds, all vanes are set to standard angle.



2 Set each vane angle by pressing VANE ANGLE button.
- Every time TEMPERATURE SETTING button is pressed, corresponding vane angle and set values are displayed.
- When the button is pressed, the display window appears as of the figure in the right, and the angle can be set to 1~6.



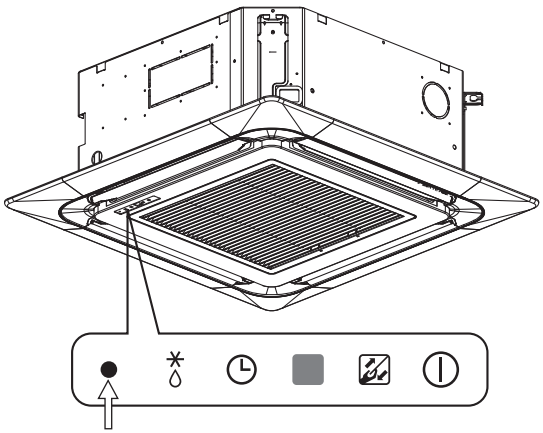


- There may be differences between vane angle set values and the wind discharge port directions.
- Set desired angle with checking the vane angle movement of the product.
- The individual vane control function is an additional function of a product, and it may not work in some products.

Forced operation

Forced operation is used when the remote controller can't be used. The operation will be started if the ON/OFF button is pressed. If you want to stop the operation, re-press the button.

[Ceiling Cassette Type]



	Heat pump Model		
	Room Temp. ≥ 24°C(75.2°F)	21°C(69.8°F) ≤ Room Temp. < 24°C(75.2°F)	Room Temp. < 21°C(69.8°F)
Operating mode	Cooling	Healthy Dehumidification	Heating
Indoor FAN Speed	High	High	High
Setting Temperature	22°C(71.6°F)	23°C(73.4°F)	24°C(75.2°F)

Test operation

During the TEST OPERATION, the unit operates in cooling mode at high speed fan, regardless of room temperature and resets in 18 minutes. During test operation, if remote controller signal is received, the unit operates as remote controller sets. If you want to use this operation, Press and hold the ON/OFF button for 3~5 seconds, then the buzzer sound 1 'beep'. If you want to stop the operation, re-press the button.

Auto Restart Function

This function is useful in the situation of power failure.
When power regains after a failure this feature restore the previous operating condition and the air conditioner will run in the same settings.

NOTE

This feature is enabled by factory default setting, but you can disable it by pressing the ON/OFF button for 6 seconds. The unit will beep twice and the lamp will blink 8 times.
To enable it, press the button again for 6 seconds. The unit will beep twice and the blue lamp will blink 4 times.

Maintenance and Service

⚠WARNING

Before performing any maintenance, turn off the main power to the system, disconnect the circuit breaker and unplug the power cord.

Ceiling Cassette Type

Grille, Case and Remote Control

❒ Turn the system off before cleanining, To clean, wipe with a soft, dry cloth. Do not use bleach or abrasives.

NOTE

Supply power must be disconnected before cleaning the indoor unit.

Air Filters

The air filters behind the front grille should be checked and cleaned once every 2 weeks or more often if neccessary.



■ Never use any of the followings:

- Water hotter than 40°C.
  Could cause deformation and/or discoloration.
- Volatile substances.
  Could damage the surfaces of the air conditioner.



1 **Remove the Air filters.**

■ Take hold of the tab and pull slightly forward to remove the filter.

CAUTION: When the air filter is to be removed, do not touch the metal parts of the indoor unit.
It may cause an injury.

2 **Clean dirt from the air filter using a vacuum cleaner or washing with water.**

■ If dirt is conspicuous, wash with a neutral detergent in lukewarm water.

■ If hot water (50°C or more) is used, it may be deformed.

3 **After washing with water, dry well in the shade.**

■ Do not expose the air filter to direct sunlight or heat from a fire when drying it.

4 **Install the air filter.**

Operation Tips!

Do not overcool the room.

This is not good for the health and wastes electricity.

Keep blinds or curtains closed.

Do not let direct sunshine enter the room when the air conditioner is in operation.

Keep the room temperature uniform.

Adjust the vertical and horizontal airflow direction to ensure a uniform temperature in the room.

Make sure that the doors and windows are shut thight.

Avoid opening doors and windows as much as possible to keep the cool air in the room.

Clean the air filter regularly.

Blockages in the air filter reduce the airflow and lower cooling and dehumidifying effects. Clean at least once every two weeks.

Ventilate the room occasionally.

Since windows are kept closed, it is a good idea to open them and ventilate the room now and ten.

Use high fan speed for effective and fast cooling.

The unit gives its rated cooling capacity when the fan speed is high.

LG
Life's Good

FRANÇAIS

MANUEL D'UTILISATION

CLIMATISEUR

Veuillez lire attentivement ce manuel avant d'utiliser
votre appareil, et le conserver pour toute consultation ultérieure.

TYPE : Casete Plafond

http://www.lghvac.com
www.lg.com

TABLE DES MATIÈRES

A. Précautions de sécurité.....3
B. Sécurité électrique.....6
Utilisation temporaire d'un adaptateur.....6
Symboles utilisés dans ce manuel.....6
C. Description du produit.....7
Unité intérieure.....7
Unité extérieure.....7
D. Instructions d'utilisation.....8
D. Comment insérer les piles.....8
Entretien de la télécommande sans fils....8
Voyants de fonctionnement.....8
Méthode de fonctionnement.....8
Fonctionnement de la Télécommande.....9
Dénominations et fonctions (en option)..10
Mode de fonctionnement.....11
Fonction déshumidificationsaine.....12
Mode ventilateur.....12
Fonctionnement automatique.....12
Refroidissement rapide.....12
Fonctionnement du purificateur d'air PLASMA (en option).....13
Affichage en degrés Celsius/Fahrenheit.....13
Réglage de l'heure.....13
Réglage de la veille programmée.....14
Réglage de la mise en marche programmée.....14
Réglage de l'arrêt programmé.....14
Annulation des réglages programmés....15
Commande verticale de direction du débit d'air (selon les modèles).....15
Commande horizontale de direction du débit d'air (selon les modèles).....15
Réglage individuel de l'angle des volets (selon les modèles).....16
Funzionamento Manuale.....17
Fonction Redémarrage automatique.....17
E. Entretien et service.....18
Type cassette plafond.....18
Conseils d'utilisation.....19

POUR VOS DOSSIERS

Écrivez les numéros de modèle et de série ci-après :

N° de modèle

N° de série

Vous les trouverez sur une étiquette dans la partie latérale de chaque unité.

Nom du revendeur

Date d'achat

■ Agrafez votre reçu à cette page au cas où vous en auriez besoin pour prouver la date d'achat ou pour vous prévaloir de la garantie.

LISEZ CE MANUEL

Vous y trouverez plusieurs conseils utiles sur la manière d'utiliser et d'entretenir correctement votre climatiseur. Quelques petites mesures préventives vous permettront d'épargner beaucoup de temps et d'argent pendant la durée de vie de votre climatiseur.

Vous trouverez une série de réponses aux problèmes les plus fréquents dans le tableau du guide de dépannage. Si vous passez en revue notre **Guide de dépannage** d'abord, il se peut que vous n'ayez pas du tout besoin d'appeler le Service Après-Vente.

PRÉCAUTION

- **Contactez le service technique agréé pour la réparation ou l'entretien de cette unité.**
- **Contactez un technicien autorisé pour l'installation de cette unité.**
- **Ce climatiseur ne doit pas être actionné par des petits enfants ou par des personnes infirmes sans surveillance.**
- **Les petits enfants doivent être surveillés afin de vous assurer qu'ils ne jouent pas avec le climatiseur.**
- **Si le cordon d'alimentation doit être remplacé, ce travail ne doit être confié qu'à du personnel autorisé et il ne doit être effectué qu'en utilisant des pièces de rechange authentiques.**



Précautions de sécurité

Les instructions ci-après doivent être observées dans le but de prévenir tout risque de dommages corporels ou matériels.

■ L'utilisation non conforme, résultant du non-respect des instructions, est susceptible de provoquer des dommages corporels ou matériels et dont la gravité est signalée par les indications suivantes.

⚠ AVERTISSEMENT	Ce symbole indique un risque de blessure grave, voire mortelle.
⚠ ATTENTION	Ce symbole indique un risque de blessure ou des dommages matériels.

■ Les significations des symboles utilisés dans ce manuel sont indiquées ci-dessous

	**Veillez à ne pas faire cela.**
	**Veillez à suivre cette instruction.**

⚠ AVERTISSEMENT

Utilisez toujours une fiche d'alimentation et une prise de courant avec borne de mise à la terre.

- Autrement, vous risquez de provoquer un choc électrique.

N'utilisez pas un disjoncteur défectueu ou valeur nominale inférieure. Utilisez un disjoncteur et un fusible appropriés.

- Autrement, vous risquez de provoquer un incendie ou un choc électrique.

N'utilisez pas de bloc d'alimentation à prises multiples. Utilisez toujours cet appareil sur un circuit dédié protégé par un disjoncteur.

- Autrement, vous risquez de provoquer un incendie ou un choc électrique.

Pour l'installation électrique, contactez votre distributeur ou vendeur, un électricien qualifié ou le S.A.V. agréé. Ne démontez ni ne réparez vous-même l'appareil.

- Autrement, vous risquez de provoquer un incendie ou un choc électrique.

Faites toujours une mise à la terre de l'appareil suivant le schéma de câblage. Ne reliez pas le fil de terre à une canalisation de gaz, à une conduite d'eau, à un paratonnerre ou à un fil de terre téléphonique.

- Autrement, vous risquez de provoquer un incendie ou un choc électrique.

Installez correctement le panneau et le couvercle du boîtier de commande.

- Autrement, vous risquez de provoquer un incendie ou un choc électrique à cause de la poussière, de l'humidité, etc.

Utilisez un disjoncteur ou un fusible à valeur nominale appropriée.

- Autrement, vous risquez de provoquer un incendie ou un choc électrique.

Ne modifiez ni ne prolongez le cordon d'alimentation. Si le cordon d'alimentation venait à être abîmé, déchiré ou épluché, remplacez-le.

- Autrement, vous risquez de provoquer un incendie ou un choc électrique.

Pour toute installation, enlèvement ou réinstallation, contactez toujours votre distributeur ou le S.A.V agrée.

- Autrement, vous risquez de provoquer un incendie ou un choc électrique, une explosion ou des blessures.

N'installez pas ce produit sur un support défecteux. Assurez-vous que l'emplacement choisi pour l'installation n'est pas abîmé par temps.

- Autrement, le produit risque de tomber par terre.

N'installez jamais l'unité extérieure sur une surface instable, ni dans un endroit où elle risque de tomber par terre.

- La chute de l'unité extérieure pourrait provoquer des dommages, des blessures, voire la mort.

Si le produit est mouillé (plongé ou submergé), contactez un S.A.V. agrée pour le faire réparer avant de le réutiliser.

- Autrement, vous risquez de provoquer un incendie ou un choc électrique.

Le transformateur élévateur de l'unité extérieure fournit aux composantes électriques de l'électricité haute tension. Assurez-vous de décharger complètement le condensateur avant de mener à bien un travail de réparation.

- Un condensateur chargé peut être à l'origine d'un choc électrique.

Lors de l'installation, utilisez le kit d'installation fourni avec l'appareil.

- Autrement, l'unité risque de tomber et de provoquer des dommages graves.

Assurez-vous d'utiliser uniquement les pièces énumérées dans le catalogue de pièces détachées. N'essayer jamais de modifier cet appareil.

- L'utilisation des pièces inadéquates peut causer un choc électrique, un dégagement excessif de chaleur ou un incendie.

Les connexions électriques des unités intérieure et extérieure doivent être bien solides et les câbles doivent être acheminés correctement, de sorte qu'il n'y ait aucune force qui tire le cordon vis-à-vis des bornes de connexion.

• Les connexions inadéquates ou lâches peuvent causer un dégagement excessif de chaleur ou un incendie.

Veillez à la mise au rebut sûre des matériaux d'emballage. Par exemple, des vis, des clous, des piles, des objets cassés, etc., après installation ou service. Puis déchirez et jetez les sacs d'emballage en plastique.

• Les enfants pourraient jouer avec ces matériaux et subir des blessures.

Assurez-vous de vérifier que la prise du cordon d'alimentation n'est pas sale, lâche ou cassée, puis veuillez insérer complètement la fiche.

• Une prise sale, lâche ou cassée peut provoquer un choc électrique ou un incendie.

Assurez-vous de vérifier que le condenseur soit correctement utilisé. Veuillez lire l'étiquette sur l'appareil.

• L'utilisation incorrecte du condenseur risque d'empêcher le bon fonctionnement de l'unité.

N'utilisez pas un cordon d'alimentation, une fiche ou une prise lâche s'ils sont endommagés.

• Autrement, vous risquez de provoquer un incendie ou un choc électrique.

Ne touchez, n'actionnez ne pas réparez l'appareil avec les mains humides. Prenez la prise avec la main pour la débrancher.

• Autrement, vous risquez de provoquer un incendie ou un choc électrique.

Ne placez pas le cordon d'alimentation près d'un poêle ni tout autre appareil de chauffage.

• Autrement, vous risquez de provoquer un incendie ou un choc électrique.

Assurez-vous que l'eau n'entre pas en contact avec les pièces électriques. Installez l'unité loin des sources d'eau.

• Autrement, vous risquez de provoquer un incendie ou un choc électrique ou un dysfonctionnement de l'appareil.

Ne stockez ni n'utilisez de gaz ou de combustibles inflammables près de l'appareil

• Autrement, il y a risque d'incendie.

N'utilisez pas l'appareil dans un endroit fermé hermétiquement pendant une période prolongée. Aérez la pièce régulièrement.

• Il peut y avoir un manque d'oxygène, qui nuirait à votre santé.

N'ouvrez pas la grille avant de l'appareil en cours de fonctionnement. (Ne touchez pas le filtre électrostatique, si l'unité en est équipée).

• Autrement, vous risquez de subir des blessures physiques, un choc électrique, ou de provoquer un dysfonctionnement de l'appareil.

Si l'unité dégage des sons étranges, des odeurs ou de la fumée, éteignez immédiatement le disjoncteur ou débranchez le cordon d'alimentation.

• Autrement, vous risquez de provoquer un incendie ou un choc électrique.

Aérez la pièce où se trouve l'appareil de temps en temps lorsque vous l'utilisez simultanément avec un poêle ou avec tout autre appareil de chauffage.

• Il peut y avoir un manque d'oxygène, qui nuirait à votre santé.

Débranchez l'appareil avant de procéder à des opérations de nettoyage ou d'entretien.

• Autrement, vous risquez de provoquer un choc électrique.

Si l'appareil va rester inutilisé pendant une longue période, débranchez-le ou mettez le disjoncteur sur la position arrêt.

• Autrement, vous risquez d'endommager l'appareil, d'en causer un dysfonctionnement ou la mise en marche involontaire.

Assurez-vous que personne, en particulier les enfants, ne puissent marcher ou tomber sur l'unité extérieure.

• Ceci pourrait provoquer des blessures personnelles et endommager l'appareil.

Veillez à ce qu'on ne tire n'y que l'on endommage le cordon d'alimentation pendant le fonctionnement de l'appareil.

• Autrement, vous risquez de provoquer un incendie ou un choc électrique.

Ne placez aucun objet sur le cordon d'alimentation.

• Autrement, vous risquez de provoquer un incendie ou un choc électrique.

Ne mettez en marche ni n'arrêtez le climatiseur en branchant ou en débranchant la fiche d'alimentation.

• Autrement, vous risquez de provoquer un incendie ou un choc électrique.

S'il y a une fuite de gaz inflammable, fermez le robinet à gaz et ouvrez une fenêtre pour ventiler la pièce avant de mettre en marche le climatiseur.

• N'utilisez pas le téléphone, ni ne mettez les interrupteurs en marche ou en arrêt. Ceci risquerait de provoquer une explosion ou un incendie.

⚠ ATTENTION

Faites appel à deux personnes ou plus pour soulever et déplacer cet appareil.

• Évitez les blessures personnelles.

N'installez pas l'appareil dans un endroit où il serait exposé directement au vent de la mer (pulvérisation d'eau de mer).

• Ceci pourrait corroder l'appareil.

Installez le raccord de drainage de manière à assurer un drainage approprié.

• Une mauvaise connexion peut provoquer des fuites d'eau.

Maintenez l'appareil de niveau lors de son installation.

• Ceci permet d'éviter des vibrations et des bruits.

N'installez pas l'appareil dans un endroit où le bruit ou l'air chaud dégagés par l'unité extérieure pourraient gêner vos voisins.

• Ceci peut provoquer des problèmes à vos voisins et de là, être à l'origine de disputes avec eux.

Vérifiez toujours s'il y a des fuites de gaz (frigorigène) après installation ou réparation de l'appareil.

• Des niveaux de frigorigène trop bas peuvent être à l'origine d'une défaillance de l'appareil.

N'utilisez pas cet appareil pour des fins particulières telles que la préservation d'aliments, d'œuvres d'art, etc. C'est un climatiseur grand public, non pas un système de refroidissement de précision.

• Autrement, il y a risque de dommages à la propriété ou de pertes matérielles.

N'obstruez pas l'entrée ou la sortie du flux d'air.

• Ceci peut provoquer un mauvais fonctionnement de l'appareil.

Utilisez un chiffon doux pour le nettoyage. N'utilisez pas de détergents agressifs, de dissolvants, ni n'aspergez de l'eau, etc.

• Ceci risquerait de provoquer un incendie, un choc électrique ou des dommages aux pièces plastiques de l'appareil.

Ne touchez pas les pièces métalliques du climatiseur lorsque vous enlevez le filtre à air.

• Autrement, vous risquez de subir des blessures.

Ne marchez ne placez aucun objet sur l'appareil (unités extérieures).

• Autrement, ceci risquerait de provoquer des blessures et une défaillance de l'appareil.

Insérez toujours fermement le filtre après nettoyage. Nettoyez le filtre tous les quinze jours ou plus souvent si nécessaire.

• Un filtre sale réduit l'efficacité du climatiseur.

N'insérez pas les mains ou d'autres objets à travers l'entrée ou la sortie d'air lorsque le climatiseur est en marche.

• Il y a des bords aiguisés et des pièces mobiles qui pourraient vous blesser.

Prenez soin lors du déballage et de l'installation de l'appareil.

• Les bords aiguisés peuvent provoquer des blessures.

S'il y a une fuite de gaz frigorigène pendant la réparation, ne touchez pas au gaz échappé.

• Le contact du gaz frigorigène avec la peau peut causer des engelures (« brûlure froide »).

N'inclinez pas l'unité lors d'un déplacement ou d'une désinstallation.

• L'eau condensée qui se trouve à l'intérieur pourrait se renverser.

Ne mélangez pas d'air ou de gaz autre que le gaz frigorigène spécifié utilisé dans le système.

• Si de l'air entre dans le système réfrigérant, la pression devient excessivement élevée, ce qui peut provoquer des dommages à l'appareil ou des blessures personnelles.

S'il se produit une fuite de gaz frigorigène pendant l'installation de l'appareil, aérez immédiatement la pièce.

• Autrement, ceci peut être nocif pour votre santé.

Le démantèlement de l'unité, le traitement de l'huile réfrigérante et des pièces ultimes devrait se faire conformément aux normes locales et nationales.

Remplacez toutes les piles de la télécommande par des piles neuves du même type. Ne mélangez pas de piles neuves avec des piles usées ou différents types de piles.

• Autrement, vous risquez de provoquer un incendie ou un dysfonctionnement.

Ne rechargez ni ne démontez les piles. Ne les jetez pas au feu.

• Elles pourraient brûler ou exploser.

En cas de contact du liquide des piles avec votre peau ou vos vêtements, lavez-les à l'eau. N'utilisez pas la télécommande si les piles ont coulé.

• Les produits chimiques à l'intérieur des piles peuvent causer des brûlures ou d'autres blessures.

Si vous ingurgitez le liquide de la pile, lavezvous les dents et consultez votre dentiste. Ne pas utiliser la télécommande si les piles ont fuit.

• Les produits chimiques àl'intérieur des piles pourraient vous causer des brûlures ou d'autres ennuis de santé.

Ne laissez pas le climatiseur fonctionner pendant longtemps lorsque le taux d'humidité est très élevé et que la porte ou une fenêtre a été laissée ouverte.

• Il peut y avoir une condensation d'humidité qui risque de mouiller ou d'endommager vos meubles.

N'exposez pas votre peau, ni les enfants ou les plantes au courant d'air froid ou chaud.

• Ceci peut nuire à leur santé.

Ne buvez pas l'eau qui s'écoule de l'appareil.

• Ce n'est pas hygiénique et pourrait entraîner de sérieux problèmes de santé.

Utilisez une banquette ou une échelle solide lorsque vous menez à bien des opérations de nettoyage ou d'entretien de l'appareil.

• Faites attention et évitez de vous blesser.

Sécurité électrique

⚠ AVERTISSEMENT

- Cet appareil doit être correctement mis à la terre. Pour réduire au minimum le risque de choc électrique, vous devez toujours brancher l'appareil sur une prise de courant mise à la terre.
- Ne coupez ni n'enlevez la broche de mise à la terre de la fiche d'alimentation.
- Raccordez la borne de mise à la terre de l'adaptateur à la vis du couvercle de la prise murale n'assure pas la mise à la terre, à moins que la vis du couvercle soit métallique et non isolée et que la prise murale soit mise à la terre par l'intermédiaire de l'installation électrique.
- Si vous doutez que le climatiseur soit correctement relié à la terre, demandez à un électricien qualifié d'examiner la prise murale ainsi que le circuit électrique.

Utilisation temporaire d'un adaptateur

Nous décourageons vivement l'utilisation d'un adaptateur en raison des risques potentiels pour la sécurité. Pour des connexions temporaires, utilisez uniquement un adaptateur d'origine, disponible dans la plupart des magasins de matériel électrique. Assurez-vous que la grande encoche de l'adaptateur est alignée avec la grande encoche de la prise murale afin de les brancher en respectant la polarité.

Pour débrancher le cordon d'alimentation de l'adaptateur, prenez chacun d'eux avec une main, afin ne pas endommager la borne de terre. Évitez de débrancher fréquemment le cordon d'alimentation car ceci pourrait endommager la borne de terre.

⚠ AVERTISSEMENT

- Ne branchez jamais cet appareil à l'aide d'un adaptateur cassé.

Symboles utilisés dans ce manuel



Ce symbole indique un risque de choc électrique.



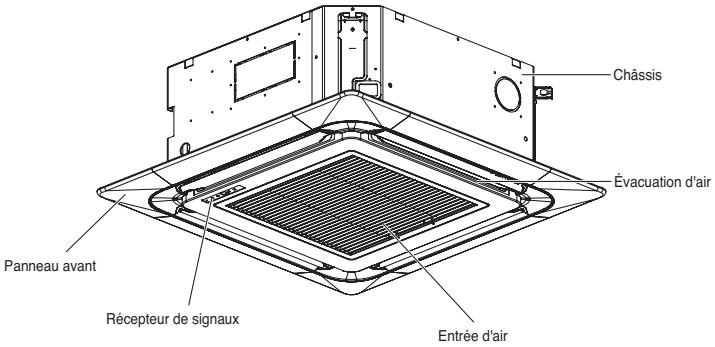
Ce symbole indique des risques pouvant endommager le climatiseur.

REMARQUE **Ce symbole indique des remarques particulières.**

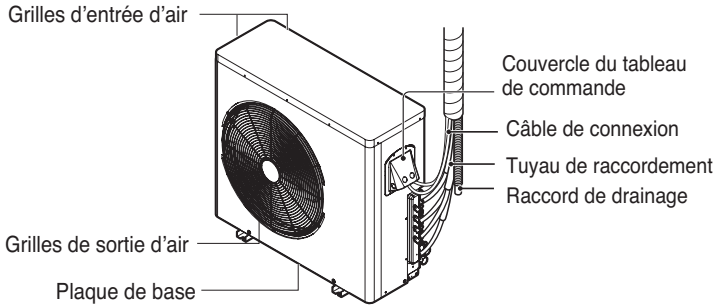
Description du produit

Unité intérieure

[Type cassette plafond]



Unité extérieure

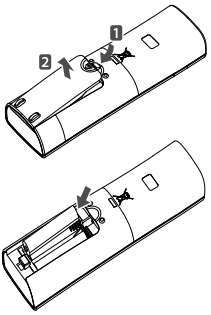


❊ **La imagen pueden variar según el modelo.**

Instructions d'utilisation

Comment insérer les piles

1. Enlevez le couvercle du réceptacle à piles suivant le sens de la flèche.
2. Insérez des piles neuves en veillant à bien placer les pôles (+) et (-). (Type de pile = AAA)
3. Replacez le couvercle en le poussant de nouveau dans sa position.

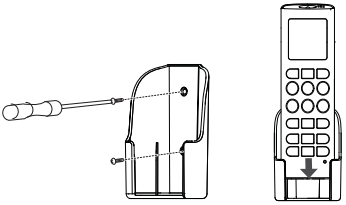


REMARQUE

1. Utilisez/remplacez toujours les deux piles par des piles du même type.
2. Si le système ne va pas être utilisé pendant une longue période, enlevez les piles pour prolonger leur durée de vie.
3. Si l'écran d'affichage de la télécommande commence à devenir sombre, remplacez les deux piles.

Entretien de la télécommande sans fils

1. Choisissez un endroit convenable où on puisse l'atteindre facilement et elle soit en même temps protégée.
2. Fixez solidement le support au mur, etc. à l'aide des vis fournies.
3. Glissez la télécommande à l'intérieur du support.



REMARQUE

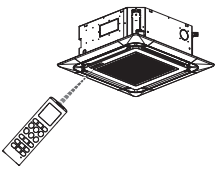
1. La télécommande ne devrait jamais être exposée à la lumière directe du soleil.
2. L'émetteur et le récepteur de signaux devraient être toujours propres pour une communication appropriée. Utilisez un chiffon doux pour les nettoyer.
3. Au cas où d'autres appareils seraient également actionnés depuis la télécommande, changez la position de ceux-là ou consultez un technicien agrée.

Voyants de fonctionnement

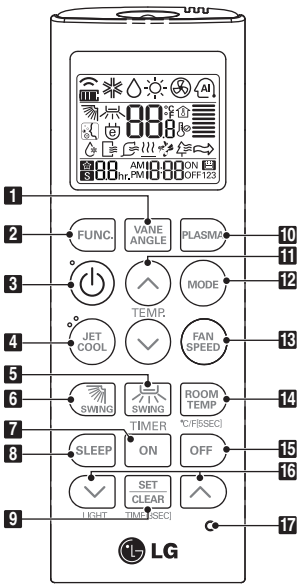
- On/Off : Les indicateurs s'allument durant le fonctionnement.
- Signe du filtre : Les indicateurs s'allument après 2400 heures à partir de la première mise en route de l'appareil.
- Minuteur : Les indicateurs s'allument durant le fonctionnement du minuteur.
- Mode décongélation : Les indicateurs s'allument durant le mode de décongélation ou de hot start (démarrage chaleur). (Seulement pour les modèles disposant d'une pompe à chaleur)
- Forcé : Pour opérer l'unité quand la télécommande ne peut pas être utilisée pour une raison quelconque.

Méthode de fonctionnement

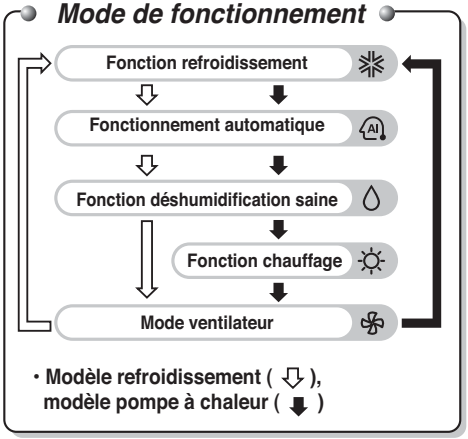
1. Le récepteur de signal se trouve à l'intérieur de l'unité.
2. Pointez la télécommande en direction de l'unité pour la commander. Il ne doit y avoir aucun obstacle entre la télécommande et l'unité.



Fonctionnement de la Télécommande



Mode de fonctionnement



1. Touche de réglage de l'angle des volets
Permet de régler l'inclinaison de chaque volet de manière indépendante.

2. Touche de réglage des fonctions
Permet de régler ou annuler les fonctions d'autonettoyage, de nettoyage intelligent, de chauffage électrique ou de réglage individuel de l'angle des volets.

3. Touche marche/arrêt
Permet d'allumer ou éteindre l'unité.

4. Touche de refroidissement rapide
Permet un refroidissement rapide en projetant de l'air frais à grande vitesse.

5. Touche de contrôle du débit d'air gauche/droite (selon les modèles)
Permet de régler le débit d'air dans la direction de votre choix vers la gauche/droite (commande horizontale).

6. Touche de contrôle du débit d'air haut/bas
Permet d'arrêter ou de démarrer le mouvement des volets et de régler le débit d'air dans la direction de votre choix vers le haut/bas (commande verticale).

7. Touche de mise en marche programmée
Permet de régler l'heure de démarrage.

8. Touche de veille programmée
Permet de régler le délai de veille programmée.

9. Touche de réglage/annulation
Permet de définir ou annuler les réglages programmés. Permet également de régler l'heure (maintenez la touche enfoncée pendant 3 secondes).

10. Touche de filtration plasma (selon les modèles)
Permet de démarrer ou arrêter la fonction de filtration plasma.

11. Touches de réglage de la température
Permettent de sélectionner la température de la pièce.

12. Touche de sélection du mode de fonctionnement
Permet de sélectionner le mode de fonctionnement.

13. Touche de réglage de la vitesse du ventilateur intérieur
Permet de régler la vitesse du ventilateur parmi quatre options : basse, moyenne, élevée et Chaos.

14. Touche de vérification de la température
Permet de vérifier la température de la pièce.

15. Touche d'arrêt programmé
Permet de régler l'heure d'arrêt.

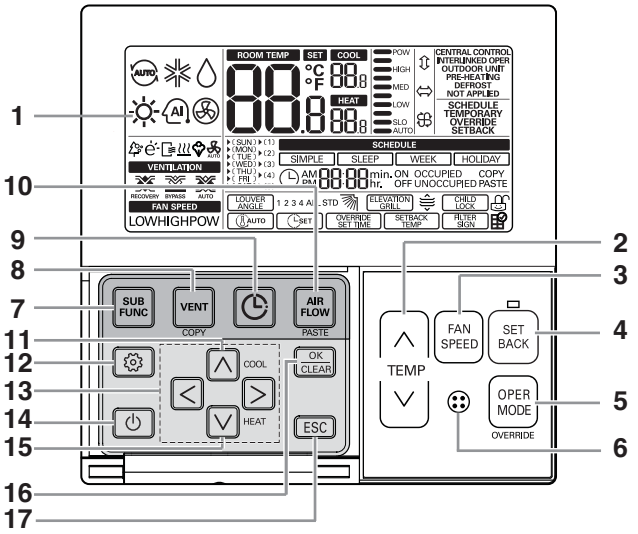
16. Touches de réglage de la programmation (haut/bas)/luminosité
Permettent d'ajuster les réglages programmés. Permettent également d'ajuster la luminosité. (Sauf en mode d'ajustement des réglages programmés.)

17. Bouton de réinitialisation
Permet de réinitialiser la télécommande.

REMARQUE

✻ Sur certains produits, certaines fonctions ne sont pas disponibles.

Dénominations et fonctions (en option)



1 **Écran d'indication du fonctionnement**
2 **Touche de réglage de la température**
3 **Touche de réglage de la vitesse du ventilateur**
4 **Touche du mode d'abaissement de la température**
5 **Touche de sélection du mode de fonctionnement**
6 **Récepteur de la télécommande sans fil**
• Certains produits ne reçoivent pas les signaux sans fil.
7 **Touche d'accès aux fonctions annexes**
8 **Touche de ventilation**
9 **Touche de programmation**
10 **Touche du débit d'air**
11 **Température de refroidissement souhaitée**
12 **Touche de réglage des fonctions**
13 **Touches haut, bas, gauche et droite**
14 **Touche marche/arrêt**
15 **Température de chauffage souhaitée**
16 **Touche de réglage/annulation**
17 **Touche Quitter**

※ Certaines fonctions ne peuvent pas être utilisées et affichées selon le type de produit.
※ Si vous voulez avoir plus d'information, veuillez vous référer au manuel de la télécommande avec fil.

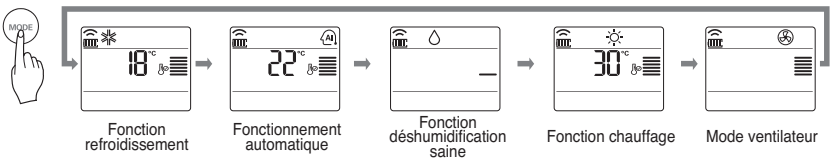
Modèle : PREMTB10U

Mode de fonctionnement

1 Appuyez sur la TOUCHE ON/OFF pour mettre l'appareil en marche.
L'unité émettra un bip sonore.

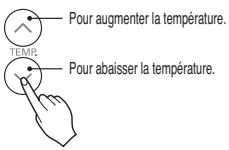


2 Ouvrez le couvercle basculant de la télécommande et appuyez sur la touche de mode de fonctionnement.
Chaque fois que vous appuyez sur cette touche, le mode de fonctionnement change dans le sens de la flèche.

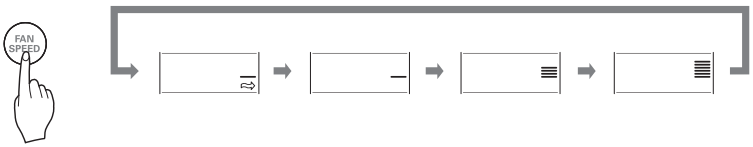


Fonction refroidissement | Fonctionnement automatique | Fonction déshumidification saine | Fonction chauffage | Mode ventilateur

3 En mode de refroidissement ou de chauffage, réglez la température intérieure désirée en appuyant sur les TOUCHES DE RÉGLAGE DE LA TEMPÉRATURE AMBIANTE.
En mode refroidissement, la température peut être réglée entre 18°C~30°C(64°F~86°F) alors qu'on mode chauffage, la plage de température va de 16°C~30°C(60°F~86°F).



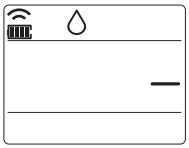
4 Réglez la vitesse du ventilateur à l'aide de la télécommande. Vous pouvez régler la vitesse du ventilateur, en appuyant sur le SÉLECTEUR DE VITESSE DU VENTILATEUR INTÉRIEUR.
Chaque fois que vous appuyez sur cette touche, le mode de vitesse du ventilateur change.



Ventilation naturelle

❑ Pour obtenir une sensation plus fraîche, appuyez sur le bouton SÉLECTEUR DE LA VITESSE DU VENTILATEUR INTERIEUR et réglez-le en mode CHAOS ou ventilation naturelle. Le vent soufflera alors comme une brise naturelle grâce aux changements automatiques de la vitesse du ventilateur.

Fonction déshumidificationsaine

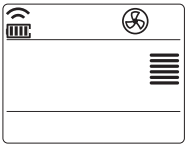


Pendant le fonctionnement en mode déshumidification saine



- ❏ Si vous sélectionnez le mode de fonctionnement déshumidification à l'aide de la TOUCHE DE SÉLECTION DU MODE DE FONCTIONNEMENT, la fonction de déshumidification se met en marche. L'appareil règle automatiquement la température ambiante ainsi que le volume d'air, de manière à créer les meilleures conditions de déshumidification et sur la base de la température ambiante réelle ayant été captée. Dans ce cas, cependant, la température réglée n'est pas affichée sur la télécommande et vous ne pouvez pas non plus régler la température ambiante.
- ❏ En mode de déshumidification saine, le volume d'air, réglé automatiquement suivant l'algorithme d'optimisation en fonction de la température ambiante réelle, rend la pièce saine et confortable même en saison très humide.

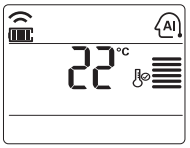
Mode ventilateur



Cette fonction permet de faire circuler l'air sans le refroidir ni le réchauffer. Vous pouvez l'activer en appuyant sur la TOUCHE DE SELECTION DE MODE DE FONCTIONNEMENT. Elle peut être activée en appuyant sur la TOUCHE CIRCULATION D'AIR. Une fois que la circulation d'air est activée, vous pouvez sélectionner la vitesse de l'air en appuyant sur le BOUTON SÉLECTEUR DE VITESSE DU VENTILATEUR INTÉRIEUR.



Fonctionnement automatique



Lorsque le mode est sélectionné, le système fonctionne automatiquement grâce aux commandes électroniques.

- Vous pouvez régler la température souhaitée entre 64°F et 86°F pour le mode Fonctionnement automatique.



REMARQUE

Cette fonction fonctionne correctement lorsque vous utilisez la télécommande adaptée au modèle.

Refroidissement rapide

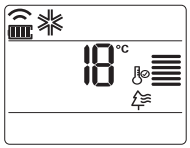


La fonction de refroidissement rapide peut être utilisée pour refroidir la pièce rapidement durant les étés très chauds. Lorsque cette fonction est activée en mode refroidissement, le ventilateur commence à marcher à une vitesse extrêmement rapide pendant 30 minutes, réglant ainsi la température ambiante sur 18°C(64°F) et en atteignant un refroidissement rapide et efficace.

Pour activer cette fonction, appuyez sur la TOUCHE JET COOL (REFROIDISSEMENT RAPIDE). Pour passer du mode refroidissement rapide au mode de refroidissement par fonctionnement du ventilateur à une vitesse élevée, appuyez sur la TOUCHE REFROIDISSEMENT RAPIDE ou sur le BOUTON SÉLECTEUR DE VITESSE DU VENTILATEUR INTÉRIEUR ou de nouveau sur la TOUCHE DE RÉGLAGE DE LA TEMPÉRATURE AMBIANTE.

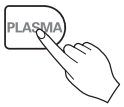


Fonctionnement du purificateur d'air PLASMA (en option)



Le filtre de plasma est une technologie développée par LG pour éliminer les contaminants microscopiques de l'air aspiré en produisant un plasma avec une charge élevée d'électrons.
Ce plasma tue et détruit au complet les contaminants pour fournir un air propre et hygiénique.

La fonction de purification par plasma peut être activée en appuyant sur la TOUCHE PLASMA de la télécommande. Appuyez-y de nouveau annuler cette fonction.



REMARQUE

Cette fonction peut être activée en n'importe quel mode de fonctionnement et le ventilateur peut marcher à n'importe quelle vitesse lorsque le filtre de plasma est actionné.

Affichage en degrés Celsius/Fahrenheit

Appuyez sur la touche d'alternance °C/°F pour changer les degrés Celsius en Fahrenheit et inversement.

En mode Fahrenheit, chaque fois que vous appuyez sur les touches de réglage de la température, la température augmente ou diminue de 1 degrés à la fois.

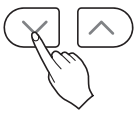


Réglage de l'heure

1. Appuyez sur la touche SET/CLEAR pendant 3 secondes.



2. Utilisez les touches de réglage de l'heure jusqu'à ce que la bonne heure soit affichée. (Maintenez la touche enfoncée pour changer l'heure par incréments de 10 minutes.)



3. Appuyez sur la touche SET/CLEAR.



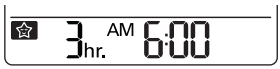
REMARQUE

Attention aux mentions AM et PM.

Réglage de la veille programmée

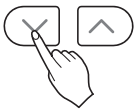
1. Appuyez sur la touche SLEEP pour activer ou désactiver la veille programmée.



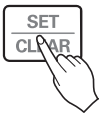


Veille programmée

2. Utilisez les touches de réglage de l'heure jusqu'à ce que le délai souhaité soit affiché. (7 heures est le réglage maximal.)



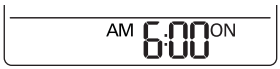
3. Appuyez sur la touche SET/CLEAR.



Réglage de la mise en marche programmée

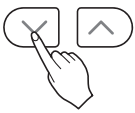
1. Appuyez sur la touche ON pour régler la mise en marche programmée.





Heure de mise en marche programmée

2. Utilisez les touches de réglage de l'heure jusqu'à ce que l'heure souhaitée soit affichée.

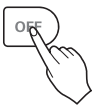


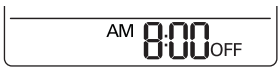
3. Appuyez sur la touche SET/CLEAR.



Réglage de l'arrêt programmé

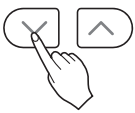
1. Appuyez sur la touche OFF pour régler l'arrêt programmé.





Heure d'arrêt programmé

2. Utilisez les touches de réglage de l'heure jusqu'à ce que l'heure souhaitée soit affichée.



3. Appuyez sur la touche SET/CLEAR.



Annulation des réglages programmés



- Si vous voulez annuler tous les réglages programmés, appuyez sur la touche SET/CLEAR.
- Si vous voulez annuler chaque réglage programmé individuellement, appuyez sur la touche correspondante pour sélectionner au choix la veille programmée, la mise en marche programmée ou l'arrêt programmé. Puis, appuyez sur la touche SET/CLEAR en dirigeant la télécommande vers le récepteur du signal. (Le symbole de programmation affiché sur le climatiseur et dans l'afficheur disparaîtra.)

Commande verticale de direction du débit d'air (selon les modèles)

Vous pouvez ajuster le débit d'air vers le haut/bas (commande verticale) à l'aide de la télécommande.

1. Appuyez sur la touche marche/arrêt pour démarrer l'unité.
2. Appuyez sur la touche de contrôle du débit d'air haut/bas. Les volets se mettent à osciller de haut en bas. Appuyez une nouvelle fois sur cette touche pour bloquer les volets verticaux dans la direction du débit d'air souhaitée.



REMARQUE

- Si vous appuyez sur la touche de contrôle du débit d'air haut/bas, la direction horizontale du débit d'air est modifiée automatiquement en fonction de l'algorithme Auto Swing pour répartir l'air de façon homogène dans la pièce, tout en offrant un écoulement d'air plus agréable pour le corps humain, comme avec une ventilation naturelle.
- Utilisez toujours la télécommande pour ajuster la direction du débit d'air haut/bas. L'ajustement manuel des volets de direction du débit d'air verticaux pourrait endommager le climatiseur.
- Lorsque l'unité est éteinte, les volets de direction du débit d'air haut/bas fermeront l'évent de sortie d'air du système.

Commande horizontale de direction du débit d'air (selon les modèles)

Vous pouvez ajuster le débit d'air vers la gauche/droite (commande horizontale) à l'aide de la télécommande.

1. Appuyez sur la touche marche/arrêt pour démarrer l'unité.
2. Appuyez sur la touche de contrôle du débit d'air gauche/droite. Les volets se mettent à osciller de gauche à droite. Appuyez une nouvelle fois sur cette touche pour bloquer les volets horizontaux dans la direction du débit d'air souhaitée.



❊ La fonction de commande verticale et horizontale du débit d'air n'apparaît pas dans l'afficheur de la télécommande.

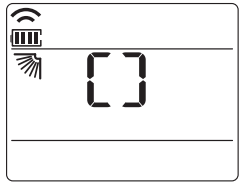
Réglage individuel de l'angle des volets (selon les modèles)

Cette fonction permet de contrôler l'angle des quatre volets individuellement sur les climatiseurs de type cassette 4 voies.

1 Appuyez sur la touche VANE ANGLE. Le symbole de réglage individuel de l'angle des volets se met à clignoter.



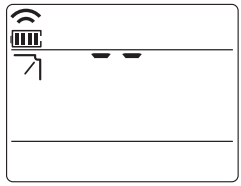
- Si vous appuyez pendant trois secondes sur la touche VANE ANGLE, tous les volets sont réglés sur un angle standard.



2 Réglez l'angle de chaque volet en appuyant sur la touche VANE ANGLE.

- Chaque fois que vous appuyez sur la touche TEMPERATURE SETTING, l'angle et les valeurs de réglage du volet correspondant s'affichent.
- Lorsque vous appuyez sur la touche, l'afficheur apparaît comme dans la figure de droite et vous pouvez régler l'angle entre 1 et 6.



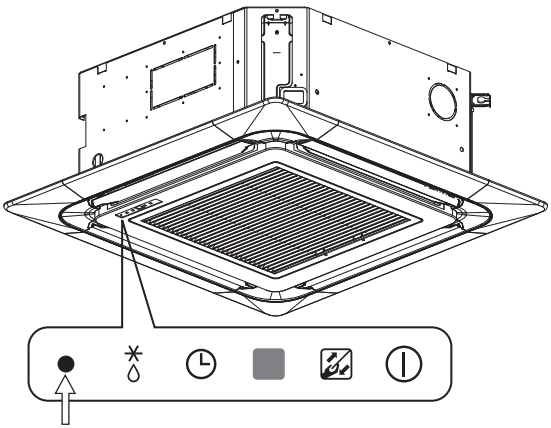


- Il peut exister des différences entre les valeurs réglées de l'angle des volets et la direction des volets.
- Réglez l'angle de votre choix tout en vérifiant le mouvement des volets du produit.
- La fonction de réglage individuel des volets est une fonction annexe et il se peut qu'elle ne soit pas disponible sur certains produits.

Funzionamento Manuale

Le fonctionnement forcé est employé lorsqu'il est impossible d'utiliser la télécommande. Ce mode démarre lorsque vous appuyez sur le bouton ON/OFF. Pour l'arrêter, appuyez à nouveau sur le bouton.

[Type Casete Rlafond]



	Modèle réversible		
	Température de la pièce ≥24°C(75.2°F)	21°C(69.8°F) ≤ Température de la pièce < 24°C(75.2°F)	Température de la pièce < 21°C(69.8°F)
Mode de fonctionnement	Froid	Déshumidification saine	Chaud
Vitesse du ventilateur intérieur	Haut	Haut	Haut
Température réglée	22°C(71.6°F)	23°C(73.4°F)	24°C(75.2°F)

Test de fonctionnement

Durant le TEST DE FONCTIONNEMENT, l'unité est en mode Froid avec une vitesse du ventilateur élevée, quelle que soit la température de la pièce, et elle se réinitialise au bout de 18 minutes. Durant le test de fonctionnement, si l'unité reçoit un signal de la télécommande, elle fonctionne conformément aux instructions de la télécommande. Pour utiliser le mode Test, appuyez sur le bouton ON/OFF et maintenez-le enfoncé pendant 3 à 5 secondes ; un signal sonore retentit. Pour l'arrêter, appuyez à nouveau sur le bouton.

Fonction Redémarrage automatique

Cette fonction est utile en cas de panne de courant.
Lorsque le courant revient après une coupure, cette fonction permet de restaurer les conditions de fonctionnement précédentes et le climatiseur récupère ses paramètres.

REMARQUE

Cette fonction est réglée en usine, mais vous pouvez la désactiver en appuyant sur le bouton ON/OFF pendant 6 secondes. L'unité émet deux signaux sonores et le voyant bleu clignote 8 fois. Pour activer la fonction, appuyez à nouveau sur le bouton pendant six secondes. L'unité émet deux signaux sonores et le voyant bleu clignote quatre fois.

Entretien et service

⚠ATTENTION

Avant d'effectuer toute opération d'entretien, veuillez placer l'interrupteur principal du système sur la position arrêt, puis débranchez l'interrupteur et le cordon d'alimentation.

Type cassette plafond

Grille, logement et télécommande

❒ Éteindre l'appareil avant de le nettoyer. Pour le nettoyer, l'essuyer avec un chiffon doux et sec. Ne pas utiliser de produits blanchissants ou abrasifs.

REMARQUE

Vous pouvez débrancher le courant avant de nettoyer l'unité d'entrée.

Filtres à air

Les filtres à air se trouvant sous la grille doivent être vérifiés et nettoyés tous les 15 jours ou plus si nécessaire.



■ Ne jamais utiliser les éléments suivants :

- Eau d'une température supérieure à 40ºC qui pourrait le déformer ou le décolorer.
- Substances volatiles qui pourraient endommager les surfaces du climatiseur.



1 **Retrait des filtres.**

■ Retirer les onglets et tirer doucement pour enlever le filtre.

ATTENTION : Lors du retrait du filtre à air ne pas toucher les parties métalliques de l'unité d'entrée.
Risque de blessure.

2 **Nettoyer le filtre à air à l'aide d'un aspirateur ou le laver à l'eau claire.**

■ Si la saleté est profonde, le laver avec une solution d'eau tiède et de détergent.

■ Ne pas utiliser d'eau chaude (50ºC ou plus) qui pourrait le déformer.

3 **Après le lavage du filtre à air, le faire sécher à l'ombre.**

■ Ne pas exposer le filtre à air directement aux rayons du soleil ou à la chaleur d'un feu lors du séchage.

4 **Installation du filtre à air.**

Conseils d'utilisation

Ne refroidissez pas à l'excès la pièce.

Ce n'est pas bon pour la santé et cela vous fera gaspiller l'électricité.

Maintenez fermés stores et rideaux.

Veillez à ce que le soleil n'entre pas directement dans la pièce lorsque le climatiseur est en fonctionnement.

Gardez une température ambiante uniforme.

Réglez la direction du flux d'air vertical et horizontal afin d'assurer une température ambiante uniforme.

Veillez à ce que les portes et les fenêtres soient bien fermées.

Évitez autant que possible d'ouvrir les portes et les fenêtres afin de conserver l'air froid dans la pièce.

Nettoyez régulière-ment les filtres à air.

Les obstructions dans le filtre à air réduisent le flux d'air ainsi que les effets de refroidissement et de déshumidification.
Nettoyez-les au moins une fois tous les quinze jours.

Aérez la salle de temps en temps.

Puisque les fenêtres restent fermées, il est conseillé de les ouvrir et d'aérer la pièce de temps en temps.

Utilisez la vitesse élevée du ventilateur pour un refroidissement rapide et efficace.

La capacité de refroidissement de l'unité est d'autant plus grande que le ventilateur tourne à une vitesse élevée.

LG
Life's Good

ESPAÑOL

MANUAL DEL PROPIETARIO

AIRE ACONDICIONADO

Por favor lea este manual detenidamente antes de utilizar su equipo y guárdelo para consultas futuras.

TIPO: Casete de Techo

http://www.lghvac.com
www.lg.com

CONTENIDO

A. Precauciones de seguridad 3
B. Seguridad eléctrica 6
Uso temporal de un adaptador 6
Símbolos utilizados en este manual 6
C. Presentación del producto 7
Unidades interiores 7
Unidad exterior 7
D. Instrucciones de funcionamiento 8
Inserción de pilas 8
Mantenimiento del mando a distancia inalámbrico 8
Indicadores luminosos de funcionamiento 8
Método de funcionamiento 8
Operación del mando a distancia 9
Nombre y función de los botones del controlador remoto (Opcional) 10
Modo funcionamiento 11
Funcionamiento de deshumidificación sana 12
Modo Ventilador 12
Funcionamiento automático 12
Refrigeracion rapida 12
Funcionamiento de purificación PLASMA (opcional) 13
Cambio Centígrados/Fahrenheit 13
Ajuste de la hora actual 13
Ajuste del temporizador de apagado automático 14
Ajuste del temporizador de encendido 14
Ajuste del temporizador de apagado 14
Para cancelar el ajuste del temporizador 15
Control de dirección de aire arriba/abajo (opcional) 15
Control de dirección de aire izquierda/derecha (opcional) 15
Control de ángulo de aletas individual (opcional) 16
Funcionamiento Forzado 17
Función de reinicio automático 17
E.Mantenimiento y servicio 18
Tipo casete de techo 18
Sugerencias 19

PARA SUS ARCHIVOS

Escriba el número de modelo y el de serie aquí:

Nº de modelo

Nº de serie

Podrá encontrarlos en una etiqueta en el lateral de cada unidad.

Nombre del distribuidor

Fecha de compra

■ Adjunte y grape su recibo a esta página en casi de necesitar probar la fecha de compra o por motivos de la garantía.

LEA ESTE MANUAL

Dentro encontrará muchas sugerencias útiles sobre el uso y mantenimiento corrector del aire acondicionado. Apenas unos simples cuidados preventivos de su parte pueden ahorrarle mucho tiempo y dinero a lo largo de la vida útil de su aire acondicionado. Encontrará muchas respuestas a los problemas comunes en el gráfico de sugerencias para la solución de averías. Si examina antes su tabla de **Sugerencias para la solución de averías,** puede que no necesite llamar al servicio técnico.

PRECAUCIÓN

- **Entre en contacto con un técnico de servicio autorizado para realizar la reparación o el mantenimiento de esta unidad.**
- **Entre en contacto con el instalador para la instalación de esta unidad.**
- **El aire acondicionado no está diseñado para su uso por niños pequeños o personas discapacitadas sin supervisión.**
- **Los niños pequeños deben estar supervisados para asegurarse que no juegan con el aire acondicionado.**
- **Si el cordon de alimentacion es danado, este debe de sustituirse por un cordon o ensamble especial disponible por parte del fabricante o su agente de servicio autorizado.**



Precauciones de seguridad

Para evitar lesiones al usuario u otras personas o daños a la propiedad, deberá seguir las instrucciones a continuación.

■ El funcionamiento incorrecto debido a la omisión de las instrucciones causará lesiones o daños. La seriedad se clasificará mediante las siguientes indicaciones:

⚠ADVERTENCIA	Este símbolo indica la posibilidad de muerte o lesión seria.
⚠ ATENCIÓN	Este símbolo sólo indica la posibilidad de lesión o daños a la propiedad.

■ El significado de los símbolos utilizados en este manual se muestra a continuación.

	**Asegúrese de no hacer esto.**
	**Asegúrese de seguir las instrucciones.**

⚠ADVERTENCIA

Utilice siempre un enchufe y una toma de alimentación con el terminal de tierra.

• Existe riesgo de descarga eléctrica.

No utilice un interruptor defectuoso o de capacidad equivocada. Utilice un interruptor y fusible de la capacidad correcta.

• Existe riesgo de incendio o descarga eléctrica.

No utilice un multiconector. Utilice siempre este electrodoméstico en un circuito e interruptor dedicado.

• De lo contrario podría ser causa de incendio o descarga eléctrica.

Para trabajos eléctricos, entre en contacto con el distribuidor, el vendedor, un electricista cualificado, o un centro de servicio autorizado. No desmonte o repare el producto usted mismo.

• Existe riesgo de incendio o descarga eléctrica.

Ponga siempre el producto a tierra conforme al diagrama de cableado. No conecte el cable de puesta a tierra a los cables de tierra de los conductos de agua, gas, del pararrayos o teléfono.

• Existe riesgo de incendio o descarga eléctrica.

Instale firmemente el panel y la cubierta de la caja de control.

• Existe riesgo de incendio o descarga eléctrica debido a la acumulación de polvo, agua, etc.

Utilice un interruptor o fusible de la capacidad correcta.

• Existe riesgo de incendio o descarga eléctrica.

No modifique ni alargue el cable de alimentación. Si el cable de alimentación sufriera daños, estuviera pelado, o deteriorado, deberá sustituirse por otro en perfecto estado.

• Existe riesgo de incendio o descarga eléctrica.

Para las labores de instalación, desmontaje o reinstalación, entre siempre en contacto con el distribuidor o un centro de servicio autorizado.

• Existe riesgo de incendio, descarga eléctrica, explosión o lesiones.

No instale el producto sobre un soporte de instalación defectuoso. Asegúrese que el área de instalación no se deteriora con el tiempo.

• Podría provocar averías en el producto.

No instale nunca la unidad exterior sobre una base móvil o en un lugar del que podría caerse.

• La caída de la unidad exterior podría causar daños, lesiones, o incluso la muerte.

Si el producto estuviera mojado (debido a inundaciones, etc.), póngase en contacto con el centro de servicio autorizado para realizar labores de reparación antes de volver a utilizar el producto.

• Existe riesgo de incendio o descarga eléctrica.

El condensador de aumento de la unidad exterior suministra electricidad de alta tensión a los componentes eléctricos. Asegúrese de descargar completamente el condensador antes de realizar tareas de reparación.

• Un condensador cargado de electricidad puede causar descargas eléctricas.

Utilice el equipo de instalación incluido con el producto durante la instalación de la unidad.

• De lo contrario la unidad podría caer y causar lesiones severas.

Asegúrese de utilizar únicamente aquellas piezas listadas en la lista de piezas del circuito virtual conmutado (SVC). Nunca intente modificar el equipo.

• El uso de piezas no adecuadas puede ser causa de descarga eléctrica, generación excesiva de calor o incluso incendio.

Las conexiones del cableado interior/exterior deben estar firmemente aseguradas, y el cable deberá tenderse correctamente a fin de evitar tensiones no deseadas en los terminales de conexión.

- Las conexiones flojas o inadecuadas pueden ser causa de una generación excesiva de calor o incluso incendio.

Deseche los materiales de embalaje de forma segura. Como tornillos, clavos, pilas, piezas rotas, etc., tras la instalación o SVC y, a continuación, retire y deseche los plásticos de embalaje.

- Los niños podrían jugar con los desechos y sufrir lesiones.

Asegúrese de comprobar que el enchufe del cable de alimentación no esté sucio, flojo o roto y, sólo entonces, inserte el enchufe en la toma de pared.

- Un enchufe sucio, flojo o roto puede ser causa de descarga eléctrica o incendio.

Asegúrese de comprobar el tipo de refrigerante empleado. Por favor, lea la etiqueta informativa del producto.

- El uso de un refrigerante incorrecto podría evitar el funcionamiento normal de la unidad.

No utilice cables, tomas o enchufes dañados.

- De lo contrario podría ser causa de incendio o descarga eléctrica.

No toque, opere, o repare el producto con las manos húmedas. Sujete el enchufe firmemente con la mano antes de tirar para extraerlo.

- Existe riesgo de descarga eléctrica o incendio.

No coloque un radiador u otros electrodomésticos generadores de calor cerca del cable de alimentación.

- Existe riesgo de incendio o descarga eléctrica.

No permita que el agua se introduzca en las piezas eléctricas. Instale la unidad lejos de posibles fuentes de agua.

- Existe riesgo de incendio, avería en el producto o descarga eléctrica.

No almacene, ni utilice, ni tan siquiera permita la presencia de gases inflamables o combustibles cerca del producto.

- Existe riesgo de incendio.

No utilice el producto en un espacio cerrado durante mucho tiempo. Realice periódicamente la ventilación del producto.

- Podría sufrir una carencia de oxígeno y, consecuentemente, sufrir daños en su salud.

No abra la rejilla de entrada frontal del producto durante su funcionamiento. (No toque el filtro electrostático, si la unidad está equipada con uno.)

- Existe riesgo de lesiones físicas, descarga eléctrica o averías en el producto.

Si escucha ruidos, percibe olores extraños, o si su producto emite humo. Cierre inmediatamente el interruptor o desconecte el cable de alimentación.

- Existe riesgo de descarga eléctrica o incendio.

Ventile periódicamente el cuarto donde se encuentra el producto siempre que funcione cerca de una estufa, elemento calefactor, etc.

- Podría sufrir una carencia de oxígeno y, consecuentemente, sufrir daños en su salud.

Desconecte la alimentación y desenchufe la unidad antes de realizar labores de limpieza o reparación del producto.

- Existe riesgo de descarga eléctrica.

Cuando no piense utilizar el producto durante un largo período de tiempo, desconecte el enchufe de suministro de alimentación o cierre el interruptor.

- Existe riesgo de daños o averías en el producto o funcionamiento involuntario.

Tenga cuidado de asegurarse que nadie, especialmente niños, puede caminar por encima de o caerse sobre la unidad de exterior.

- Esto podría causar lesiones personales y daños al producto.

Tenga cuidado de asegurar que el cable de alimentación no pueda extraerse o dañarse durante el funcionamiento.

- Existe riesgo de incendio o descarga eléctrica.

No coloque NINGÚN objeto sobre el cable de alimentación.

- Existe riesgo de incendio o descarga eléctrica.

No enchufe ni desenchufe el cable de alimentación a fin de ENCENDER/APAGAR la unidad.

- Existe riesgo de incendio o descarga eléctrica.

Si existen fugas de gas inflamable, apague el gas y abra una ventana para la ventilación del cuarto antes de volver a encender el producto.

- No utilice el teléfono ni abra y cierre interruptores. Existe riesgo de explosión o incendio.

⚠ ATENCIÓN

Son necesarias dos o más personas para levantar y transportar el producto.

- Evite lesiones personales.

No instale el producto donde pueda estar directamente expuesto al viento del mar (salitre).

- Podría causar la oxidación del producto.

Instale la manguera de desagüe para asegurar que el agua condensada se drene correctamente.

- Una mala conexión puede causar fugas de agua.

Mantenga el nivel incluso durante la instalación del producto.

- Para evitar vibraciones o ruido.

No instale el producto donde el ruido o el aire caliente de la unidad exterior pudieran ocasionar daños o molestar a los vecinos.

- Podría causar problemas y disputas con sus vecinos.

Compruebe siempre si existen fugas de gas (refrigerante) tras la instalación o reparación del producto.

- Los niveles bajos de refrigerante pueden causar averías en el producto.

No utilice el producto con propósitos especiales, como la preservación de alimentos, obras de arte, etc. Este es un aire acondicionado de consumidor, no un sistema de refrigeración de precisión.

- Existe el riesgo de daños o pérdidas de propiedad.

No bloquee la entrada o salida del flujo de aire.

- Podría provocar averías en el producto.

Emplee un paño suave para limpiar la unidad. No utilice detergentes fuertes, disolventes, etc.

- Existe el riesgo de fuego, descarga eléctrica o daños a las piezas plásticas del producto.

No toque las piezas metálicas del producto al desmontar el filtro de aire.

- Existe el riesgo de lesiones personales.

No pise ni coloque nada sobre el producto. (Unidades de exterior)

- Existe el riesgo de lesiones personales y averías en el producto.

Inserte siempre el filtro de forma segura tras su limpieza. Limpie el filtro cada dos semanas o más a menudo en caso de necesidad.

- Un filtro sucio reducirá la eficacia del producto.

No introduzca las manos u otros objetos en la entrada o la salida de aire mientras el producto esté en funcionamiento.

- Existen piezas afiladas y móviles que podrían causar lesiones personales.

Tenga cuidado al desempaquetar e instalar el producto.

- Los bordes afilados podrían causar lesiones.

Si el producto sufriera fugas de gas refrigerante durante las labores de reparación, no entre en contacto con el refrigerante.

- El gas refrigerante puede causar lesiones por congelación (quemaduras por frío)

No incline la unidad durante los procesos de desmontaje o desinstalación.

- El agua condensada del interior podría verterse.

No realice mezclas distintas a las especificadas por el refrigerante utilizado en el sistema.

- Si el aire entrara en el sistema de refrigeración, podría causar una presión excesivamente alta, provocando daños en el equipo o lesiones personales.

Si el gas refrigerante sufriera fugas durante la instalación, ventile inmediatamente el área.

- De lo contrario podría resultar perjudicial para su salud.

El desmontaje de la unidad, el tratamiento del aceite refrigerante y de distintas piezas, deberá realizarse conforme a las normativas locales y nacionales.

Sustituya las pilas del mando a distancia por otras nuevas del mismo tipo.
No mezcle pilas viejas y nuevas o de distintos tipos.

- Existe riesgo de incendio o averías en el producto.

No recargue ni abra las pilas. No las tire al fuego.

- Pueden quemarse o explotar.

Si el líquido de las pilas entra en contacto con su piel o ropas, lávese bien con agua limpia. No utilice el mando a distancia si las pilas han experimentado fugas.

- Los productos químicos de las pilas podrían causar quemaduras u otros peligros para la salud.

Si el líquido de las pilas alcanzara su boca, cepille sus dientes y consulte a un médico.No utilice el mando a distancia si las pilas han experimentado fugas.

- Los productos químicos de las pilas podrían causar quemaduras u otros perjuicios a la salud.

No deje el aire acondicionado en funcionamiento durante mucho tiempo cuando la humedad sea muy alta y haya dejado abierta una puerta o ventana.

- La humedad podría condensarse y mojar o dañar el mobiliario.

No exponga a los niños, plantas, o su propia piel, directamente a la corriente de aire frío o caliente.

- Esto podría resultar perjudicial para su salud.

No beba el agua de desagüe del producto.

- No es potable y podría causar problemas serios de salud.

Utilice un taburete o escalera firme al realizar labores de limpieza, mantenimiento, o reparación del producto desde una cierta altura.

- Tenga cuidado y evite las lesiones personales.

Seguridad eléctrica

⚠ ADVERTENCIA

- Este pequeño electrodoméstico debe estar correctamente puesto a tierra.
  Para reducir al mínimo el riesgo de descargas eléctricas, siempre deberá enchufar la unidad en una toma con puesta a tierra.
- No corte ni quite la clavija de puesta a tierra del enchufe de alimentación.
- Fijar el terminal de puesta a tierra del adaptador al tornillo de la tapa de la toma de pared no pondrá a tierra la unidad a menos que el tornillo de la tapa sea metálico y no esté aislado, y la toma de pared esté puesta a tierra a través del cableado de la casa.
- Si tiene alguna duda sobre si el aire acondicionado está puesto a tierra correctamente, solicite a un electricista cualificado que revise la toma de pared y el circuito.

Uso temporal de un adaptador

Desaconsejamos firmemente el uso de un adaptador debido a los potenciales peligros de seguridad. En conexiones temporales, utilice únicamente un adaptador original, disponible en la mayoría de sus almacenes locales de ferretería. Asegúrese que la ranura grande del adaptador esté alineada con la ranura grande de la toma para realizar una conexión correcta de la polaridad.

Para desconectar el cable de alimentación del adaptador, coloque una mano en cada uno para evitar dañar la clavija de puesta a tierra. Evite desenchufar con frecuencia el cable de alimentación, ya que esto podría provocar daños eventuales a la clavija de puesta a tierra.

⚠ ADVERTENCIA

- No utilice nunca la unidad con un adaptador roto.

Símbolos utilizados en este manual



Este símbolo le alerta del riesgo de descarga eléctrica.



Este símbolo le alerta de los peligros que pueden causar daños al aire acondicionado.

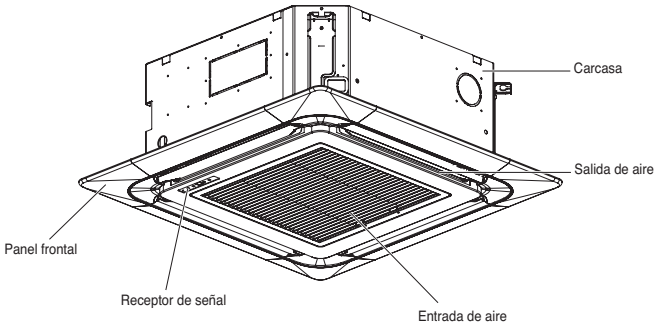
NOTA **Este símbolo indica notas especiales.**

Presentación del producto

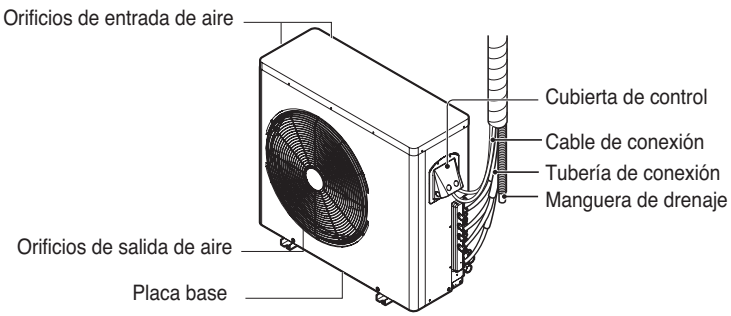
A continuación encontrará una breve presentación de las unidades de interior y exterior.
Por favor, consulte la información específica relativa al tipo de su unidad interior.

Unidades interiores

[Tipo casete de techo]



Unidad exterior

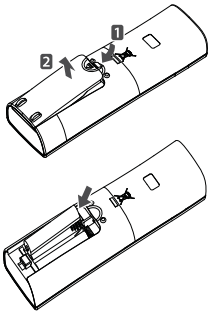


❊ La imagen pueden variar según el modelo.

Instrucciones de funcionamiento

Inserción de pilas

1. Desmonte la tapa de la batería tirando de ella en la dirección de la flecha.
2. Inserte las nuevas pilas asegurándose de que los signos (+) y (-) de la pila están instalados correctamente.(Tamaño de las baterías = AAA)
3. Monte de nuevo la tapa deslizándola nuevamente en posición.

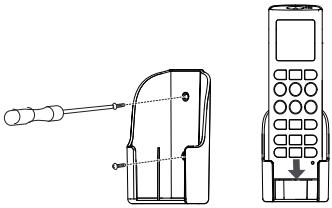


NOTA

1. Utilice/Sustituya siempre ambas pilas por otras del mismo tipo.
2. Si no piensa utilizar el sistema durante un largo período de tiempo, retire las pilas a fin de extender su vida útil.
3. Si la información en la pantalla del mando a distancia comenzara a desvanecerse, sustituya ambas pilas.

Mantenimiento del mando a distancia inalámbrico

1. Seleccione para éste un lugar seguro y de fácil acceso.
2. Fije el soporte a la pared mediante los tornillos incluidos.
3. Deslice el mando a distancia en su soporte.



NOTA

1. El mando a distancia nunca debe ser expuesto a la luz directa del sol.
2. Debe mantener siempre limpio el transmisor/receptor de señal a fin de asegurar una correcta comunicación. Emplee un paño suave para limpiarlo.
3. Si el mando a distancia opera además otros equipos, cambie su posición o consulte al técnico de servicio.

Indicadores luminosos de funcionamiento

Encendido/Apagado : Se ilumina durante el funcionamiento del sistema.

Señal del filtro : Se ilumina pasadas 2400 horas desde que se utilizara por primera vez el producto.

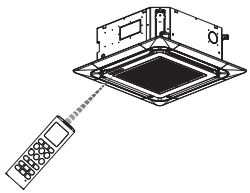
Temporizador : Se ilumina durante el funcionamiento del Temporizador.

Modo de descongelación : Se ilumina durante el modo de descongelación o funcionamiento de puesta en marcha en caliente (sólo en modelos de bomba de calor).

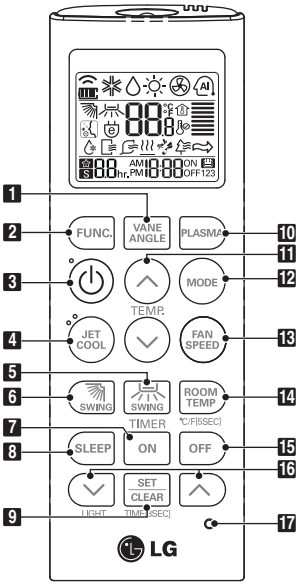
- Forzado : Para utilizar la unidad cuando no pueda utilizarse el mando a distancia.

Método de funcionamiento

1. El receptor de señal se encuentra en el interior de la unidad.
2. Apunte a la unidad con el mando a distancia a fin de ponerla en funcionamiento. No deben existir obstáculos entre ambos.



Operación del mando a distancia



1. Botón VANE ANGLE
Se utiliza para ajustar el ángulo de cada aleta.

2. Botón de CONFIGURACIÓN DE FUNCIONES
Se utilizar para seleccionar Limpieza automática, Limpieza inteligente, calefactor electrónico o Control de ángulo de aletas individuales.

3. Botón de encendido/apagado
Enciende/apaga la unidad.

4. Botón JET COOL
Refrigeración rápida con alta velocidad del ventilador.

5. Botón de control de dirección de aire izquierda/derecha (opcional)
Se utiliza para ajustar la dirección deseada (izquierda/derecha) del flujo de aire.

6. Botón de flujo de aire ARRIBA/ABAJO
Se utiliza para detener o iniciar el movimiento de las aletas y seleccionar la dirección arriba/abajo del flujo de aire.

7. Botón de temporizador encendido
Se puede seleccionar el tiempo de finalización del funcionamiento.

8. Botón de temporizador de apagado automático
Se puede seleccionar el tiempo de finalización del funcionamiento.

9. Botón PLASMA (OPCIONAL)
Se utiliza para configurar/borrar el temporizador. Se utiliza para ajustar la hora actual (si la entrada se hace durante 3 s).

10. PLASMA Button (OPTIONAL)
Se utiliza para iniciar o parar la función de purificación de plasma.

11. Botón de ajuste de temperatura interior
Se utiliza para seleccionar la temperatura de la habitación.

12. Botón de selección de modo de funcionamiento
Se utiliza para seleccionar el modo de funcionamiento.

13. Botón de velocidad del ventilador interior
Se utiliza para seleccionar la velocidad del ventilador en cuatro niveles: bajo, medio, alto y caos.

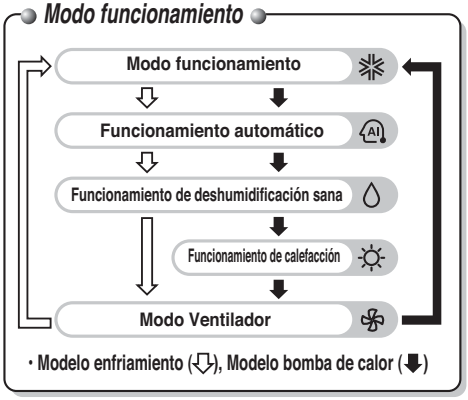
14. Botón de comprobación de temperatura interior
Se utiliza para comprobar la temperatura de la habitación.

15. Botón de apagado del temporizador
Se utiliza para seleccionar el tiempo de finalización del funcionamiento.

16. Botón de ajuste de temporizador (arriba/abajo)/Luz
Se utiliza para configurar el temporizador. Se utiliza para ajustar el brillo. (Si no está en el modo de ajuste de tiempo)

17. Botón de reinicio
Se utiliza para reiniciar el mando a distancia.

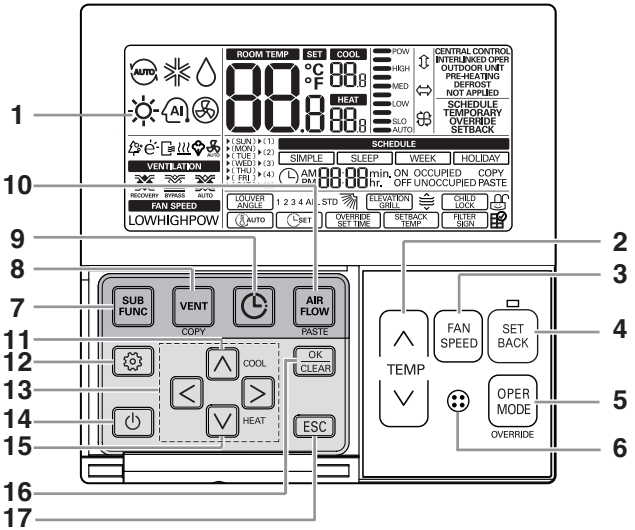
Modo funcionamiento



NOTA

✻ Dependiendo del producto, algunas funciones pueden no estar operativas o no mostrarse.

Nombre y función de los botones del controlador remoto (Opcional)



1 **Pantalla de indicación de operación**
2 **Botón para establecer temperatura**
3 **Botón de velocidad de ventilador**
4 **Botón SET BACK**
5 **Botón de selección de modo de operación**
6 **Receptor de control remoto inalámbrico**
• Algunos productos no reciben las señales inalámbricas.
7 **Botón de sub-función**
8 **Botón de ventilación**
9 **Botón de reservación**
10 **Botón de flujo de aire**
11 **Botón de temperatura deseada**
12 **Botón para establecer función**
13 **Botón Arriba, Abajo, Izquierda, Derecha**
14 **Botón Encendido/Apagado (ON/OFF)**
15 **Temperatura de calefacción deseada**
16 **Botón Establecer/Cancelar**
17 **Botón Salir**

※ Algunas funciones pueden no ser operadas y mostradas dependiendo del tipo de producto.
※ Si usted quiere conocer más información, favor de consultar el Manual del Control Remoto Amplio por Cable.

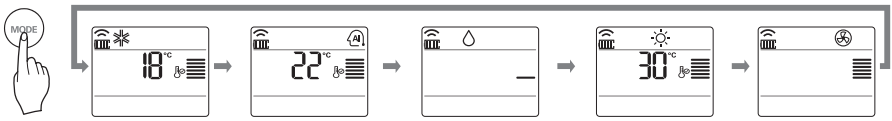
Modelo : PREMTB10U

Modo funcionamiento

1 Presione el botón ON/OFF para encender la unidad. La unidad responderá con una señal sonora

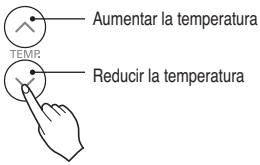


2 Abra la puerta del mando a distancia y presione el botón modo de funcionamiento. Cada vez que presione el botón, el modo de funcionamiento cambiará en la dirección de la flecha.

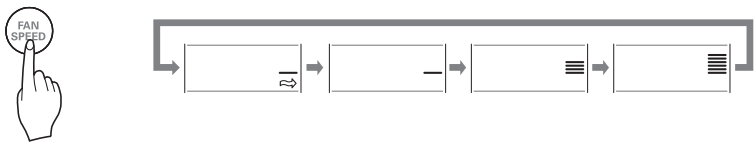


Modo funcionamiento | Funcionamiento automático | Funcionamiento de deshumidificación sana | Funcionamiento de calefacción | Modo Ventilador

3 Establezca la temperatura interior deseada, para la operación de enfriamiento o calefacción presionando los BOTONES DE AJUSTE DE TEMPERATURA AMBIENTE. La temperatura de enfriamiento debe establecerse entre los 18 °C y los 30 °C y(64°F y los 86°F), para la calefacción, entre los 16 °C y los 30 °C(60°F y los 86°F).



4 Establezca la velocidad del ventilador mediante el mando a distancia. Usted puede seleccionar la velocidad del ventilador. Cada vez que presione el botón, cambiará el modo de velocidad del ventilador.

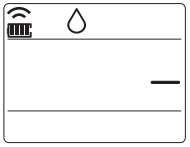


Viento natural

❏ Para lograr una sensación más fresca, presione el BOTÓN SELECTOR DE VELOCIDAD DEL VENTILADOR INTERIOR y configure el modo CAOS o Brisa natural.
En este modo, el viento sopla como una brisa natural cambiando automáticamente la velocidad del ventilador.

ESPAÑOL

Funcionamiento de deshumidificación sana

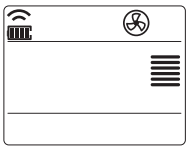


Durante el funcionamiento de la deshumidificación sana



- ❏ Si selecciona el modo deshumidificación mediante el BOTÓN DE SELECCIÓN DEL MODO DE FUNCIONAMIENTO, el producto activará la función de deshumidificación. Establece automáticamente la temperatura ambiente y el volumen del flujo de aire a las mejores condiciones para la deshumidificación, basándose en la temperatura ambiente actual detectada. En este caso, sin embargo, la temperatura establecida no se muestra en el mando a distancia y usted tampoco podrá controlar la temperatura ambiente.
- ❏ Durante la función de deshumidificación sana el volumen del flujo de aire se establece automáticamente según el algoritmo de optimización que responde al estado actual de la temperatura ambiente, para mantener las condiciones del cuarto sanas y confortables incluso en estaciones muy húmedas.

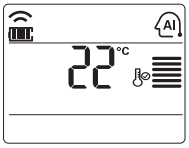
Modo Ventilador



Esta operación hace circular el aire del cuarto sin enfriarlo ni calentarlo. Puede ser activado presionando el BOTÓN SELECCIÓN DEL MODO DE OPERACIÓN. Una vez activada la circulación de aire, usted podrá seleccionar la velocidad del aire presionando el BOTÓN SELECTOR DE VELOCIDAD DEL VENTILADOR INTERIOR.



Funcionamiento automático



En el modo de funcionamiento, el sistema se active de forma automática mediante los controles electrónicos.

- Puede ajustar la temperatura deseada entre 64°F y 86°F para el modo de funcionamiento automático.



NOTA

Esta función funciona correctamente si utiliza un controlador a distancia que corresponda a cada modelo.

Refrigeracion rapida

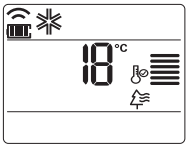


La función de chorro de aire frío puede ser empleada para enfriar rápidamente un cuarto en un día caluroso. Cuando esta función esté activa, el aire acondicionado funcionará en modo operación de enfriamiento, con una velocidad ultrarrápida del ventilador y una temperatura de 18 °C(64°F) durante 30 minutos a fin de lograr un enfriamiento rápido y eficaz.

Podrá activar este funcionamiento presionando el BOTÓN JET COOL (enfriamiento por chorro de aire). Para cambiar del modo enfriamiento por chorro de aire al modo enfriamiento por velocidad alta del ventilador, presione de nuevo el BOTÓN JET COOL o BOTÓN SELECTOR DE VELOCIDAD DEL VENTILADOR INTERIOR o el BOTÓN DE AJUSTE DE TEMPERATURA AMBIENTE.



Funcionamiento de purificación PLASMA (opcional)

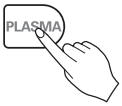


El filtro de plasma es una tecnología desarrollada por LG a fin de lograr eliminar los contaminantes microscópicos presentes en el aire de entrada mediante la generación de un plasma con electrones de altas cargas.
Este plasma elimina y destroza completamente los contaminantes para proporcionar un aire limpio e higiénico.

La purificación por plasma puede iniciarse presionando el BOTÓN PLASMA en el mano a distancia. Volver a presionarlo cancelará su ejecución.

NOTA

Esta característica puede emplearse en cualquier modo de funcionamiento y a cualquier velocidad del ventilador.



ESPAÑOL

Cambio Centígrados/Fahrenheit

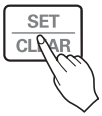
Pulse el botón °C/°F para cambiar de Centígrados a Fahrenheit y viceversa.

Cuando pulse el botón de ajuste de temperatura en el modo Fahrenheit, la temperatura subirá/bajará 1°F.

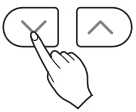


Ajuste de la hora actual

1. Pulse el botón SET / CLEAR durante 3 segundos.



2. Pulse los botones TIME SETTING hasta ajustar la hora deseada. (Si mantiene el botón pulsado, cambiará rápidamente en unidades de 10 min.)



3. Pulse el botón SET / CLEAR.



NOTA

Compruebe el indicador de A.M. y P.M.

Ajuste del temporizador de apagado automático

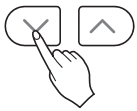
1. Pulse el botón TIMER para activar o apagar el temporizador.





Apagado automático

2. Pulse los botones TIME SETTING hasta ajustar la hora deseada. (7 horas es el ajuste máximo)



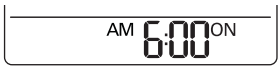
3. Pulse el botón SET / CLEAR.



Ajuste del temporizador de encendido

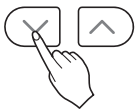
1. Pulse el botón ON para activar o apagar el temporizador.





Temporizador encendido

2. Pulse los botones TIME SETTING hasta ajustar la hora deseada.

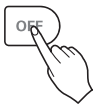


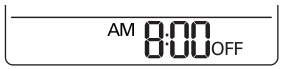
3. Pulse el botón SET / CLEAR.



Ajuste del temporizador de apagado

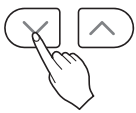
1. Pulse el botón OFF para activar o apagar el temporizador.





Temporizador apagado

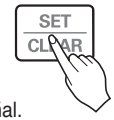
2. Pulse los botones TIME SETTING hasta ajustar la hora deseada.



3. Pulse el botón SET / CLEAR.



Para cancelar el ajuste del temporizador



- Si desea cancelar los ajustes del temporizador, pulse SET/CLEAR .
- Si desea cancelar cada ajuste del temporizador, pulse cada botón del temporizador para encender o apagar el temporizador según lo desee. Y pulse SET/CLEAR con el mando a distancia orientado al receptor de señal. (Se apagará la luz del temporizador en el aparato de aire acondicionado y la pantalla.)

Control de dirección de aire arriba/abajo (opcional)

El flujo de aire arriba/abajo (flujo de aire vertical) se puede cambiar con el mando a distancia.

1. Pulse el botón encendido/apagado para poner en funcionamiento la unidad.
2. Pulse el botón ARRIBA/ABAJO y la aletas oscilarán arriba y abajo. Pulse el botón ARRIBA/ABAJO de nuevo para ajustar la aleta vertical en la dirección deseada.



NOTA

- Si pulsa el botón de dirección arriba/abajo, la dirección horizontal del aire cambia automáticamente según el algoritmo de oscilación automáticamente para distribuir el aire de manera uniforme y, al mismo tiempo, para que resulte más cómodo, como si se tratara de una brisa natural.
- Utilice siempre el mando a distancia para ajustar la dirección arriba/abajo del flujo de aire. Si mueve la aleta de dirección del flujo de aire manualmente, podría dañar el aparato.
- Cuando se apaga la unidad, la aleta de dirección del aire arriba/abajo cierre la salida de aire del sistema.

Control de dirección de aire izquierda/derecha (opcional)

El flujo de aire a izquierda/derecha (horizontal) se puede ajustar con el mando a distancia.

1. Pulse el botón encendido/apagado para poner en funcionamiento la unidad.
2. Pulse el botón de dirección IZQUIERDA/DERECHA y las aletas oscilarán a izquierda y derecha. Pulse el botón de control del flujo de aire horizontal de nuevo para ajustar la aleta horizontal en la dirección deseada.



❊ La función arriba/abajo e izquierda/derecha no se muestra en la pantalla del mando a distancia.

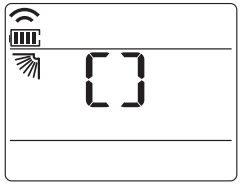
Control de ángulo de aletas individual (opcional)

Es la función que permite controlar 4 ángulos de aleta individualmente en el grupo de productos de cassette de 4 direcciones para techo.

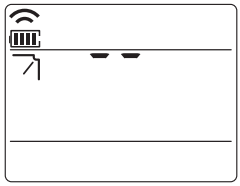
1 Pulse el botón VANE ANGLE. Parpadeará el símbolo de control individual del ángulo de las aletas.



• Si pulsa el botón VANE ANGLE durante 2 segundos, todas las aletas se moverán a su ángulo estándar.



2 Ajuste el ángulo de cada aleta pulsando el botón VANE ANGLE.
- Cada vez que se pulsa el botón TEMPERATURE SETTING, se muestran los valores de ángulo y ajuste de la aleta correspondiente.
- Cuando se pulsa el botón, la pantalla aparece como en la figura de la derecha, y el ángulo se puede ajustar a 1-6.



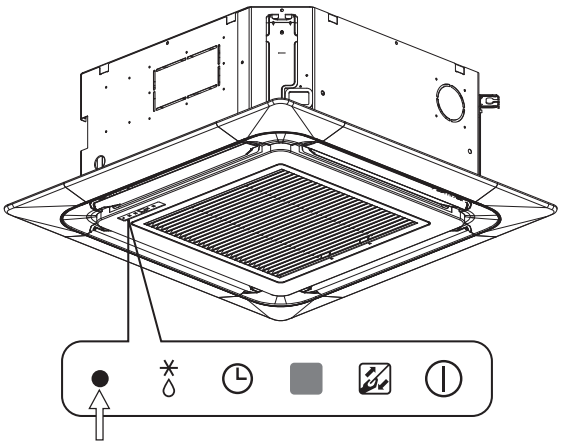


- Puede haber diferencias entre los valores de ajuste de los ángulos de las aletas y las direcciones de los orificios de descarga.
- Ajuste el ángulo deseado con la comprobación del movimiento del ángulo de la aleta del producto.
- El control individual del ángulo de las aletas es una función añadida del producto y puede no funcionar en algunos productos.

Funcionamiento Forzado

La operación forzada se usa cuando no puede usarse el control remoto. La operación comenzará cuando se pulse el botón ON/OFF (ENCENDIDO/APAGADO). Si desea detener la operación, vuelva a pulsar el botón.

[Tipo casete de techo]



	Modelo con bomba de calor		
	Temp. de sala ≥24°C(75.2°F)	**21°C(69.8°F) ≤ Temp. de sala < 24°C(75.2°F)**	**Temp. de sala < 21°C(69.8°F)**
Modo de funcionamiento	Refrigeración	Deshumidificación saludable	Calefacción
Velocidad de ventilador de interior	Alto	High	Alto
Selección de temperatura	22°C(71.6°F)	23°C(73.4°F)	24°C(75.2°F)

Funcionamiento de prueba

Durante el FUNCIONAMIENTO DE PRUEBA, la unidad funcionará en modo refrigeración con una velocidad de ventilador alta, independientemente de la temperatura de la sala y se reiniciará a los 18 minutos. Durante el funcionamiento de prueba, si se recibe señal del control remoto, la unidad funcionará con las órdenes del control remoto. Si desea usar esta operación, mantenga pulsado el botón ON/OFF (ENCENDIDO/APAGADO) durante 3~5 segundos y podrá oír un pitido. Si desea detener la operación, vuelva a pulsar el botón.

Función de reinicio automático

Esta función es útil en caso de un fallo eléctrico.
Cuando se recupere la alimentación, esta función recupera la situación de funcionamiento anterior y el aire acondicionado funcionará con la misma configuración.

NOTA

Esta función está habilitada de forma predeterminada de fábrica pero puede deshabilitarla pulsando el botón ON/OFF (ENCENDIDO/APAGADO) durante 8 segundos. La unidad emitirá dos pitidos y el indicador azul parpadeará 6 veces. Para habilitarlo, pulse el botón de nuevo durante 6 segundos. La unidad emitirá dos pitidos y el indicador azul parpadeará 4 veces.

Mantenimiento y servicio

⚠ ATENCIÓN

Antes de realizar labores de mantenimiento, desconecte la alimentación del sistema, cierre el interruptor y desenchufe el cable de alimentación.

Tipo casete de techo

Parilla, carcasa y mando a distancia

❒ Apague el sistema antes de limpiar. Para limpiar, utilice un paño suave y seco. No utilice lejía ni productos abrasivos.

NOTA

La alimentación debe estar desconectada antes de limpiar la unidad interior.

Filtros de aire

Los filtros del aire de detrás de la parrilla frontal deberían verificarse y limpiarse una vez cada 2 semanas o más frecuentemente si es necesario.



■ No utilice nunca nada de lo siguiente:

- Agua más caliente de 40°C. Podría deformar y/o decolorar.
- Substancias volátiles. Podrían dañarse las superficies del aire acondicionado.



1 **Saque los filtros de aire.**

■ Tome la pestaña y jale de ella hacia adelante para extraer el filtro.

PRECAUCIÓN: Cuando haya que retirar el filtro del aire, no toque las partes metálicas de la unidad interior. Podría ocasionar daños.

2 **Limpie la suciedad del filtro del aire mediante una aspiradora o lavándolo con agua.**

■ Si queda suciedad oculta, lave con detergente neutro en agua tibia

■ Si se usa agua caliente (50°C o más), podría deformarse el aparato.

3 **Después de lavar con agua, séquelo bien a la sombra.**

■ No exponga el filtro del aire a la luz solar directa o al calor de un fuego para secarlo.

4 **Instale el filtro de aire.**

Sugerencias

No enfríe demasiado el habitáculo.

Esto no es sano para su salud y además representa un derroche de electricidad.

Mantenga cerradas cortinas y persianas.

No permita que la luz directa del sol entre en el habitáculo mientras el aire acondicionado se encuentre en funcionamiento.

Mantenga uniforme la temperatura del habitáculo.

Ajuste la dirección del flujo de aire vertical y horizontal para asegurar una temperatura uniforme en todo el habitáculo.

Asegúrese que las puertas y ventanas estén bien cerradas.

En lo posible, vite abrir puertas y ventanas para mantener el aire frío en el interior del habitáculo.

Limpie el filtro de aire con regularidad.

Las obstrucciones en el filtro de aire reducen el flujo de aire y reduce los efectos de enfriamiento y deshumidificación. Límpielo al menos cada dos semanas.

Ventile el habitáculo ocasionalmente.

Como las ventanas permanecen cerradas, es buena idea abrirlas para ventilar el cuarto de vez en cuando.

Configure el ventilador a alta velocidad para lograr un enfriamiento rápido y eficaz.

Cuando la velocidad del ventilador sea alta, la unidad proporcionará su capacidad nominal de enfriamiento.



LG Customer Information Center

888-865-3026 USA, press #2 for PTAC, TTW
888-865-3026 USA, press #3 for DFS, Multi V
1-888-LG-Canada CANADA

Register your product Online!

www.lge.com

LGEUS
LG Electronics, Air conditioning Division
1000 Sylvan Ave., Englewood Cliffs, NJ 07632

LGECI
LG ELECTRONICS CANADA INC.
20 NORELCO DRIVE.
NORTH YORK, ONTARIO M9L 2X6.



US	1. Please call the installing contractor of your product, as warranty service will be provided by them. 2. If you have service issues that have not been addressed by the contractor, please call 1-888-865-3026.
CANADA	Service call Number # : (888) LG Canada, (888) 542-2623

LG
Life's Good

ENGLISH
FRANÇAIS
ESPAÑOL

OWNER'S MANUAL

AIR CONDITIONER

Please read this manual carefully before operating your set and retain it for future reference.

TYPE : Ceiling Cassette

http://www.lghvac.com
www.lg.com

P/NO : MFL67449211

TABLE OF CONTENTS

A. Safety Precautions 3
B. Electrical Safety 6
Temporary Use of an Adapter 6
Symbols used in this Manual 6
C. Product Introduction 7
Indoor Units 7
Outdoor Unit 7
D. Operating Instructions 8
How to insert the Batteries 8
Wireless Remote Controller Maintenance 8
Operation Indication Lamps 8
Operating Method 8
Wireless Remote Controller 9
Wired Remote Controller (Optional) ... 10
Operation Mode 11
Dehumidification mode 12
Fan Mode 12
Auto Operation 12
Power Cooling 12
PLASMA Purification Operation (Optional) 13
Celsius/Fahrenheit Switching 13
Setting the Current Time 13
Sleep Timer Setting 14
On Timer Setting 14
Off Timer Setting 14
To cancel the Timer Setting 15
Up/Down Airflow Direction Control (Optional) 15
Left/Right Airflow Direction Control (Optional) 15
Individual vane angle control (Optional) 16
Forced operation 17
Auto Restart Function 17
E. Maintenance and Service 18
Ceiling Cassette Type 18
Operation Tips! 19

FOR YOUR RECORDS

Write the model and serial numbers here:

Model #

Serial #

You can find them on a label on the side of each unit.

Dealer's Name

Date Purchased

■ Staple your receipt to this page in the event you need it to prove date of purchase or for warranty issues.

READ THIS MANUAL

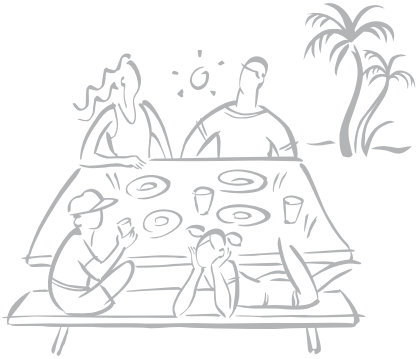
Inside you will find many helpful hints on how to use and maintain your air conditioner properly. Just a little preventive care on your part can save you a great deal of time and money over the life of your air conditioner.

You'll find many answers to common problems in the chart of troubleshooting tips. If you review our chart of

Troubleshooting Tips first, you may not need to call for service at all.

PRECAUTION

- **Contact the authorized service technician for repair or maintenance of this unit.**
- **Contact the installer for installation of this unit.**
- **The air conditioner is not intended for use by young children or invalids without supervision.**
- **Young children should be supervised to ensure that they do not play with the air conditioner.**
- **When the power cord is to be replaced, replacement work shall be performed by authorized personnel only using only genuine replacement parts.**



Safety Precautions

To prevent injury to the user or other people and property damage, the following instructions must be followed.

■ Incorrect operation due to ignoring instruction will cause harm or damage. The seriousness is classified by the following indications.

⚠WARNING	This symbol indicates the possibility of death or serious injury.
⚠CAUTION	This symbol indicates the possibility of injury or damage.

■ Meanings of symbols used in this manual are as shown below.

	**Be sure not to do.**
	**Be sure to follow the instruction.**

⚠WARNING

Always use a power plug and socket with a ground terminal.

• There is a risk of electric shock.

Do not use a defective or underrated circuit breaker. Use the correctly rated breaker and fuse.

• There is risk of fire or electric shock .

Do not use a multi consent. Always use this appliance on a dedicated cicuit and breaker.

• Otherwise it can cause electric shock or fire.

For electrical work, contact the dealer, seller, a qualified electrician, or an Authorized Service Center. Do not disassemble or repair the product by yourself.

• There is risk of fire or electric shock.

Always ground the product as per the wiring diagram. Do not connect the ground wire to gas or water pipes lightening rod or telephone ground wire.

• There is risk of fire or electric shock.

Install the panel and the cover of control box securely.

• There is risk of fire or electric shock due to dust , water etc.

Use the correctly rated breaker or fuse.

• There is risk of fire or electric shock.

Do not modify or extend the power cable. If the power cable or cord has scrathes or skin peeled off or deteriorated then it must be replaced.

• There is risk of fire or electric shock.

For installation, removal or reinstall , always contact the dealer or an Authorized Service Center.

• There is risk of fire, electric shock, explosion, or injury.

Do not install the product on a defective installation stand. Be sure that the installation area does not deteriorate with age.

• It may cause product to fall.

Never install the outdoor unit on a moving base or a place from where it can fall down.

• The falling outdoor unit can cause damage or injury or even death of a person.

When the product is soaked (flooded or submerged) in water , contact an Authorized Service Center for repair before using it again.

• There is risk of fire or eletric shock.

In outdoor unit the step-up capacitor supplies high voltage electricity to the electrical components. Be sure to discharge the capacitor completely before conducting the repair work.

• An charged capacitor can cause electrical shock.

When installing the unit, use the installation kit provided with the product.

• Otherwise the unit may fall and cause severe injury.

Be sure to use only those parts which are listed in the svc parts list. Never attempt to modify the equipment.

• The use of inappropriate parts can cause an electrical shock, excessive heat generation or fire.

Indoor/outdoor wiring connections must be secured tightly and the cable should be routed properly so that there is no force pulling the cable from the connection terminals.

• Improper or loose connections can cause heat generation or fire.

Safely dispose off the packing materials. Like screws, nails, batteries, broken things etc after installation or svc and then tear away and thraw away the plastic packaging bags.

• Children may play with them and cause injury.

Make sure to check that the power cable plug is not dirty, loose or broken and then only insert the plug completely.

• Dirty, loose or broken power plug can cause electric shock or fire.

Be sure to check the refrigerant to the used. Please read the label on the product.

• Incorrect refrigerant used can prevent the normal operation of the unit.

Don't use a power cord, a plug or a loose socket which is damaged.

• Otherwise it may cause a fire or electrical shock.

Do not touch , operate, or repair the product with wet hands. Hold the plug by hand when taking out

• There is risk of electric shock or fire.

Do not place a heater or other heating appliances near the power cable.

• There is risk of fire and electric shock.

Do not allow water to run into electric parts. Install the unit away from water sources.

• There is risk of fire, failure of the product, or electric shock.

Do not store or use or even allow flammable gas or combustibles near the product.

• There is risk of fire.

Do not use the product in a tightly closed space for a long time. Perform ventilation regularly.

• Oxygen deficiency could occur and hence harm your health.

Do not open the front grille of the product during operation. (Do not touch the electrostatic filter, if the unit is so equipped.)

• There is risk of physical injury, electric shock, or product failure.

If strange sounds, smell or smoke comes from product.Immediately turn the breaker off or disconnect the power supply cable.

• There is risk of electric shock or fire.

Ventilate the product room from time to time when operating it together with a stove, or heating element etc.

• Oxygen deficiency can occur and hence harm your health.

Turn the main power off and unplug the unit when cleaning or repairing the product.

• There is risk of electric shock.

When the product is not to be used for a long time, disconnect the power supply plug or turn off the breaker.

• There is risk of product damage or failure, or unintended operation.

Take care to ensure that nobody especially kids could step on or fall onto the outdoor unit.

• This could result in personal injury and product damage.

Take care to ensure that power cable could not be pulled out or damaged during operation.

• There is risk of fire or electric shock.

Do not place ANYTHING on the power cable.

• There is risk of fire or electric shock.

Do not plug or unplug the power supply plug to turn the unit ON/OFF .

• There is risk of fire or electric shock.

When flammable gas leaks, turn off the gas and open a window for ventilation before turn the product on.

• Do not use the telephone or turn switches on or off. There is risk of explosion or fire.

⚠CAUTION

Two or more people must lift and transport the product.

• Avoid personal injury.

Do not install the product where it will be exposed to sea wind (salt spray) directly.

• It may cause corrosion on the product.

Install the drain hose to ensure that the condensed water is drained away properly.

• A bad connection may cause water leakage.

Keep level even when installing the product.

• To avoid vibration or noise.

Do not install the product where the noise or hot air from the outdoor unit could damage or disturb the neighborhoods.

• It may cause a problem for your neighbors and hence dispute.

Always check for gas (refrigerant) leakage after installation or repair of product.

• Low refrigerant levels may cause failure of product.

Do not use the product for special purposes, such as preserving foods, works of art, etc. It is a consumer air conditioner, not a precision refrigeration system.

• There is risk of damage or loss of property.

Do not block the inlet or outlet of air flow.

• It may cause product failure.

Use a soft cloth to clean. Do not use harsh detergents, solvents or splashing water etc .

• There is risk of fire, electric shock, or damage to the plastic parts of the product.

Do not touch the metal parts of the product when removing the air filter.

• There is risk of personal injury.

Do not step on or put anyting on the product. (outdoor units)

• There is risk of personal injury and failure of product.

Always insert the filter securely after cleaning. Clean the filter every two weeks or more often if necessary.

• A dirty filter reduces the efficiency.

Do not insert hands or other objects through the air inlet or outlet while the product is operating.

• There are sharp and moving parts that could cause personal injury.

Be cautious when unpacking and installing the product.

• Sharp edges could cause injury.

If the refrigerant gas leaks during the repair, do not touch the leakaing refrigerant gas.

• The refrigernat gas can cause frostbite (cold burn)

Do not tilt the unit when removing or uninstalling it.

• The condensed water inside can spill .

Do not mix air or gas other than the specified refrigerant used in the system .

• If air enters the refrigerant system, an excessively high pressure results, causing equipment damage or injury.

If the refrigerant gas leaks during the installation, ventilate the area immediately.

• Otherwise it can be harmfull for your health.

Dismantling the unit, treatment of the refrigerant oil and eventual parts should be done in accordance with local and national standards.

Replace the all batteries in the remote control with new ones of the same type. Do not mix old and new batteries or different types of batteries.

• There is risk of fire or product failure.

Do not recharge or disassemble the batteries. Do not dispose off batteries in a fire.

• They may burn or explode.

If the liquid from the batteries gets onto your skin or clothes, wash it well with clean water. Do not use the remote if the batteries have leaked.

• The chemicals in batteries could cause burns or other health hazards.

If you eat the liquid from the batteries, brush your teeth and see doctor. Do not use the remote if the batteries have leaked.

• The chemicals in batteries could cause burns or other health hazards.

Do not let the air conditioner run for a long time when the humidity is very high and a door or a window is left open.

• Moisture may condense and wet or damage furniture.

Do not expose your skin or kids or plants to the cool or hot air draft.

• This could harm to your health.

Do not drink the water drained from the product.

• It is not sanitary and could cause serious health issues.

Use a firm stool or ladder when cleaning, maintaining or repairing the product at an height.

• Be careful and avoid personal injury.

Electrical Safety

⚠WARNING

- This appliance must be properly grounded.
  To minimize the risk of electric shock, you must alway plug into a grounded oulet.
- Do not cut or remove the grounding prong from the power plug.
- Attaching the adapter ground terminal to the wall receptacle cover screw does not ground the appliance unless the cover screw is metal and not insulated, and the wall receptacle is grounded through the house wiring.
- If you have any doubt whether the air conditioner is properly grounded, have the wall receptacle and circuit checked by a qualified electrician.

Temporary Use of an Adapter

We strongly discourage the use of an adapter due to potential safety hazards. For temporary connections, use only a genuine adapter, available from most local hardware stores. Ensure that the large slot in the adapter is aligned with the large slot in the receptacle for a proper polarity connection.

To disconnect the power cord from the adapter, use one hand on each to avoid damaging the ground terminal. Avoid frequently unplugging the power cord as this can lead to eventual ground terminal damage.

⚠WARNING

- Never use the appliance with a broken adapter.

Symbols used in this Manual



This symbol alerts you to the risk of electric shock.



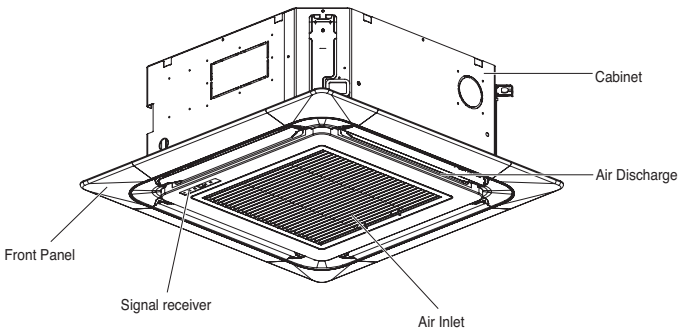
This symbol alerts you to hazards that may cause harm to the air conditioner.

NOTE **This symbol indicates special notes.**

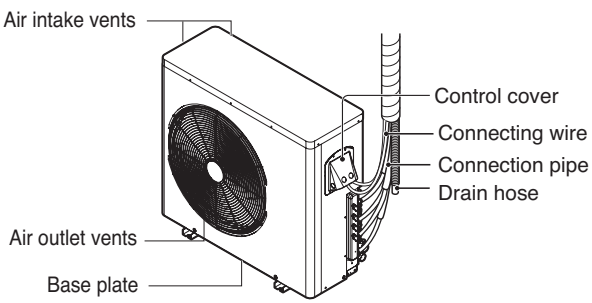
Product Introduction

Indoor Unit

[Ceiling Cassette Type]



Outdoor Unit

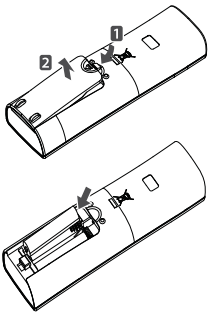


❊ **The figure can be changed according to model.**

Operating Instructions

How to insert the Batteries

1. Remove the battery cover by pulling it according to the arrow direction.
2. Insert new batteries making sure that the (+) and (-) of battery are installed correctly.(Battery Size = AAA)
3. Reattach the cover by sliding it back into position.

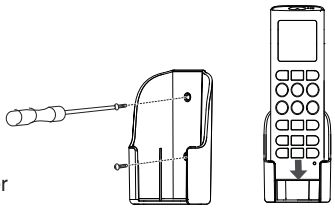


NOTE

1. Always use/replace both batteries of same type.
2. If the system is not to be used for a long time, remove the batteries to save their working life.
3. If the display screen of remote controller starts, fading replace both of the batteries.

Wireless Remote Controller Maintenance

1. Choose a suitable place where its safe & easy to reach.
2. Fix the holder to wall etc with the supplied screws firmly.
3. Slide the remote controller inside the holder.



NOTE

1. Remote controller should never be exposed to direct sunlight.
2. Signal transmitter & receiver should always be clean for proper communication. Use a soft cloth to clean them.
3. In case some other appliances also get operated with remote control, change their position or consult your serviceman.

Operation Indication Lamps

On/Off : Lights up during the system operation.

Filter Sign : Lights up after 2400 hours from the time of first operating unit.

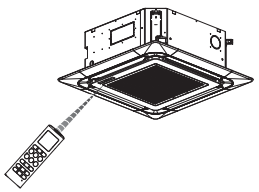
Timer : Lights up during Timer operation.

Defrost Mode : Lights up during Defrost Mode or Hot Start operation.(Heat pump model only)

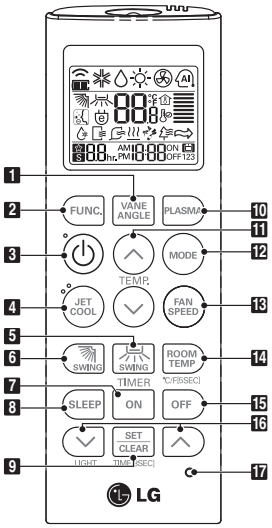
- Forced : To operate the unit when the remote control can't be used for any reason.

Operating Method

1. The signal receiver is inside the unit.
2. Aim the remote controller towards the unit to operate it. There should not be any blockage in between.



Wireless Remote Controller



1. VANE ANGLE Button
Used to set each vane angle.

2. FUNCTION SETTING Button
Used to set or clear Auto Clean, Smart Clean, Electric heater or Individual vane angle control.

3. ON/OFF Button
Used to turn on/off the unit.

4. JET COOL Button
Speed cooling operates super high fan speed.

5. LEFT/RIGHT AIRFLOW Button (OPTIONAL)
Used to set the desired left/right(horizontal) airflow direction.

6. UP/DOWN AIRFLOW Button
Used to stop or start louver movement and set the desired up/down airflow direction.

7. ON TIMER Button
Used to set the time of starting operation.

8. SLEEP TIMER Button
Used to set the time of sleeping operation.

9. SET / CLEAR Button
Used to set/clear the timer.
Used to set the current time(if it input for 3sec.)

10. PLASMA Button (OPTIONAL)
Used to start or stop the plasma-purification function.

11. ROOM TEMPERATURE SETTING Button
Used to select the room temperature.

12. OPERATION MODE SELECTION Button
Used to select the operation mode.

13. INDOOR FAN SPEED SELECTION Button
Used to select fan speed in four steps low, medium, high and chaos.

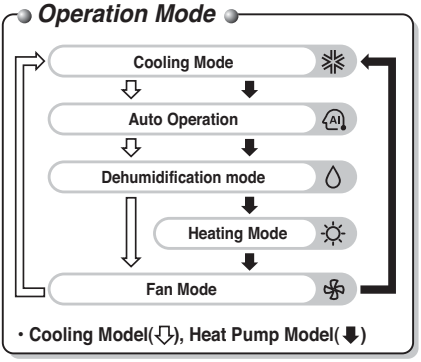
14. ROOM TEMPERATURE CHECKING Button
Used to check the room temperature.

15. OFF TIMER Button
Used to set the time of stopping operation.

16. TIMER SETTING(Up/Down)/LIGHT Button
Used to set the timer.
Used to adjust the brightness.(if it is not time adjust mode)

17. RESET Button
Used to reset the remote controller.

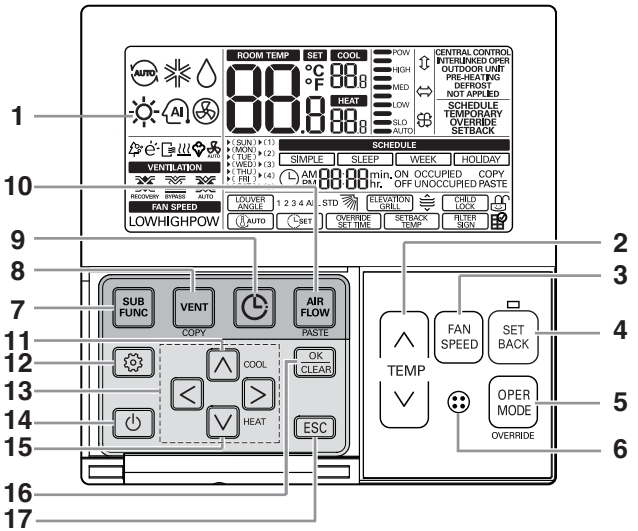
Operation Mode



NOTE

❊ Some functions may not be operated and displayed depending on the product type.

Wired Remote Controller (Optional)



1 **Operation indication screen**
2 **Set temperature button**
3 **Fan Speed button**
4 **Set back button**
5 **Operation mode selection button**
6 **Wireless remote controller receiver**
• Some product don't receive the wireless signals.
7 **Sub function button**
8 **Ventilation button**
9 **Reservation button**
10 **Air flow button**
11 **Cooling desired temperature**
12 **Function setting button**
13 **Up, Down, Left, Right button**
14 **On/Off button**
15 **Heating desired temperature**
16 **Setting/Cancel button**
17 **Exit button**

※ Some functions may not be operated and displayed depending on the product type.
※ If you want to know more information, please refer to Wide Wired Remote Control Manual.

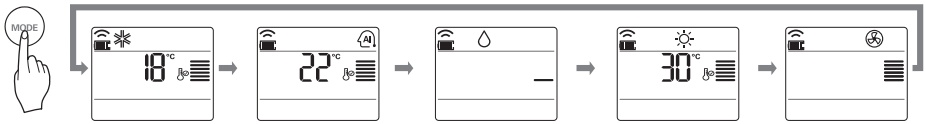
Model : PREMTB10U

Operation Mode

1 Press the ON/OFF BUTTON to turn the unit on.
The unit will respond with a beep.

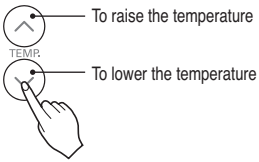


2 Open the door of the remote controller and press the operation mode button. Each time the button is pressed, the operation mode is shifted in the direction of the arrow.

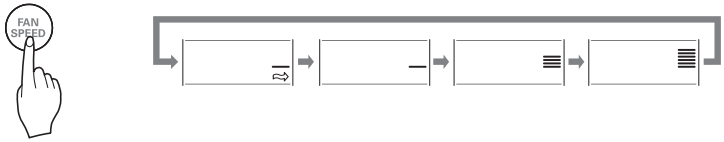


Cooling Mode | Auto Operation | Dehumidification mode | Heating Mode | Fan Mode

3 For cooling or heating operation set the desired indoor temperature by pressing the ROOM TEMPERATURE SETTING BUTTONS.
For cooling the temperature can be set within 18°C~30°C(64°F~86°F) and for heating the temperature range is 16°C~30°C(60°F~86°F).



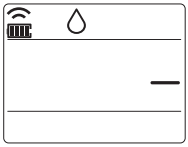
4 Set the fan speed with the remote controller. You can select the fan speed by pressing the INDOOR FAN SPEED SELECTOR BUTTON.
Each time the button is pressed, the fan speed mode is shifted.



Natural wind

❑ For fresher feeling, press the INDOOR FAN SPEED SELECTOR BUTTON selector and set to CHAOS or Natural wind mode. In this mode, the wind blows like a natural breeze by automatically changing fan speed.

Dehumidification mode



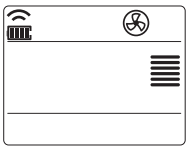
During Healthy Dehumidification Operation

❑ If you select the dehumidification mode on the OPERATION MODE SELECTION BUTTON, the product starts to run the dehumidification function. It automatically sets the room temperature and airflow volume to the best condition for dehumidification, based on the sensed current room temperature.
In this case, however, the setting temperature is not displayed on the remote ontroller and you are not able to control the room temperature either.



❑ During the healthy dehumidification function, the airflow volume is automatically set according to the optimization algorithm responding to the current room temperature status, so that the room condition is kept healthy and comfortable even in the very humid season.

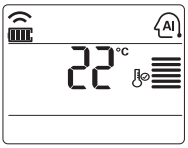
Fan Mode



This operation circulates the air without cooling or heating. It can be activated by pressing the OPERATION MODE SELECTION BUTTON. Once the air circulation is activated you can select the air speed by pressing the INDOOR FAN SPEED SELECTOR BUTTON.



Auto Operation



In this operation mode, the system is automatically operated by the electronic controls.

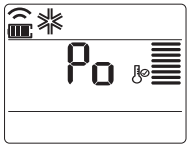
- You can set the desired temperature between 64°F and 86°F for Auto Operation mode.



NOTE

This function properly operates when you use the remote controller matching each model.

Power Cooling

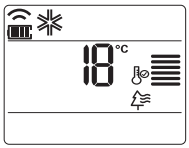


Jet cool function can be used to cool the room quickly in hot summer. When this function is turned on, the air conditioner runs in cooling operation mode with super high fan speed and 18°C(64°F) setting temperature for 30 minutes for fast and effective cooling.

You can activate this operation by pressing the JET COOL BUTTON.
To change from jet cool mode to high fan speed cooling mode, press the JET COOL BUTTON or ININDOOR FAN SPEED SELECTOR BUTTON or the ROOM TERPERATURE SETTING BUTTON again.



PLASMA Purification Operation (Optional)



Plasma filter is a technology developed by LG to get rid of microscopic contaminants in the intake air by generating a plasma of high charge electrons. This plasma kills and destroys the contaminants completely to provide clean and hygienic air.

Plasma purification can be started by pressing the PLASMA BUTTON on the remote controller. Repressing it will deactivate the operation.



NOTE

This feature can be used in any operation mode and any fan speed can be used while plasma filter is functioning.

Celsius/Fahrenheit Switching

Press the °C/°F SWITCH button to change from Celsius to Fahrenheit or from Fahrenheit to Celsius.

Whenever press TEMPERATURE SETTING button in Fahrenheit mode, the temperature will increase/drop 1°F.

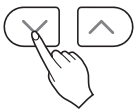


Setting the Current Time

1. Press the SET / CLEAR button for 3 seconds.



2. Press TIME SETTING buttons until the desired time is set. (If you press down the button for a long time, it will change quickly in the units of 10 min.)



3. Press the SET / CLEAR button.



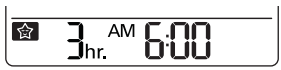
NOTE

Check the indicator for A.M. and P.M.

Sleep Timer Setting

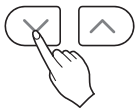
1. Press the TIMER button to turn timer on or off.





Timer Sleep

2. Press TIME SETTING buttons until the desired time is set. (7 hours is the maximum setting)



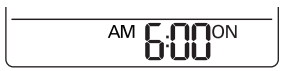
3. Press the SET / CLEAR button.



On Timer Setting

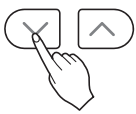
1. Press the ON button to turn timer on or off.





Timer ON

2. Press TIME SETTING buttons until the desired time is set.

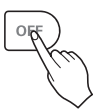


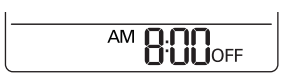
3. Press the SET / CLEAR button.



Off Timer Setting

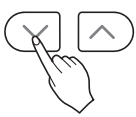
1. Press the OFF button to turn timer on or off.





Timer OFF

2. Press TIME SETTING buttons until the desired time is set.



3. Press the SET / CLEAR button.



To cancel the Timer Setting

- If you wish to cancel all timer setting, press the SET/CLEAR button.
- If you wish to cancel each timer setting, press the each timer button to turn timer sleep or on or off as you want. And then press the SET/CLEAR button aiming the remote controller at the signal receptor. (The timer lamp on the air conditioner and the display will go off.)



Up/Down Airflow Direction Control (Optional)

The up/down airflow (Vertical Airflow) can be adjusted by using the remote controller.

1. Press the ON/OFF button to start the unit.
2. Press UP/DOWN AIRFLOW button and the louvers will swing up and down. Press the UP/DOWN AIRFLOW button again to set the vertical louver at the desired airflow direction.



NOTE

- If you press the UP/DOWN AIRFLOW button, the horizontal airflow direction is changed automatically based on the Auto Swing algorithm to distribute the air in the room evenly and at the same time to make the human body feel more comfortable, as if enjoying a natural breeze.
- Always use the remote controller to adjust the up/down airflow direction. Manually moving the vertical airflow direction louver by hand, could damage the air conditioner.
- When the unit is shut off, the up/down airflow direction louver will close the air outlet vent of the system.

Left/Right Airflow Direction Control (Optional)

The left/right(horizontal) airflow can be adjusted by using the remote control.

1. Press the ON/OFF button to start the unit.
2. Press the LEFT/RIGHT AIRFLOW button and the louvers will swing left and right. Press the Horizontal Airflow Direction Control Button again to set the horizontal louver at the desired airflow direction.



❉ Up/Down and Left/Right Airflow function isn't shown on display of remote controller.

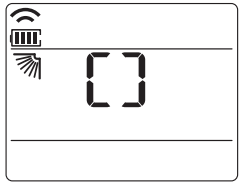
Individual vane angle control (Optional)

It is the function that can control 4 vane angles individually in the ceiling type 4Way cassette product group.

1 Press the VANE ANGLE button.
Individual vane angle control symbol will blink.

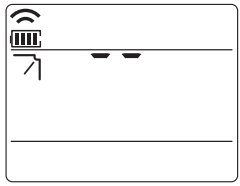


- If you press the VANE ANGLE button for 3 seconds, all vanes are set to standard angle.



2 Set each vane angle by pressing VANE ANGLE button.
- Every time TEMPERATURE SETTING button is pressed, corresponding vane angle and set values are displayed.
- When the button is pressed, the display window appears as of the figure in the right, and the angle can be set to 1~6.



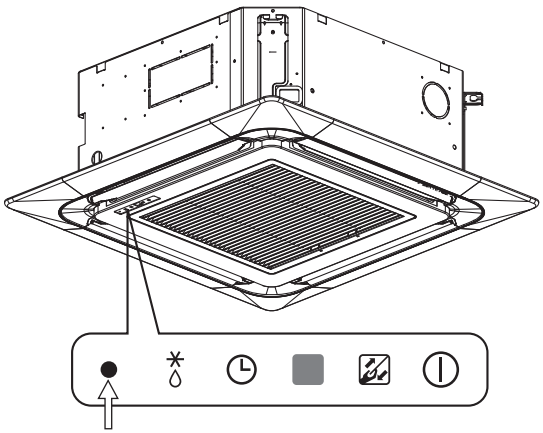


- There may be differences between vane angle set values and the wind discharge port directions.
- Set desired angle with checking the vane angle movement of the product.
- The individual vane control function is an additional function of a product, and it may not work in some products.

Forced operation

Forced operation is used when the remote controller can't be used. The operation will be started if the ON/OFF button is pressed. If you want to stop the operation, re-press the button.

[Ceiling Cassette Type]



	Heat pump Model		
	Room Temp. ≥ 24°C(75.2°F)	21°C(69.8°F) ≤ Room Temp. < 24°C(75.2°F)	Room Temp. < 21°C(69.8°F)
Operating mode	Cooling	Healthy Dehumidification	Heating
Indoor FAN Speed	High	High	High
Setting Temperature	22°C(71.6°F)	23°C(73.4°F)	24°C(75.2°F)

Test operation

During the TEST OPERATION, the unit operates in cooling mode at high speed fan, regardless of room temperature and resets in 18 minutes. During test operation, if remote controller signal is received, the unit operates as remote controller sets. If you want to use this operation, Press and hold the ON/OFF button for 3~5 seconds, then the buzzer sound 1 'beep'. If you want to stop the operation, re-press the button.

Auto Restart Function

This function is useful in the situation of power failure.
When power regains after a failure this feature restore the previous operating condition and the air conditioner will run in the same settings.

NOTE

This feature is enabled by factory default setting, but you can disable it by pressing the ON/OFF button for 6 seconds. The unit will beep twice and the lamp will blink 8 times.
To enable it, press the button again for 6 seconds. The unit will beep twice and the blue lamp will blink 4 times.

Maintenance and Service

⚠WARNING

Before performing any maintenance, turn off the main power to the system, disconnect the circuit breaker and unplug the power cord.

Ceiling Cassette Type

Grille, Case and Remote Control

❒ Turn the system off before cleanining, To clean, wipe with a soft, dry cloth. Do not use bleach or abrasives.

NOTE

Supply power must be disconnected before cleaning the indoor unit.

Air Filters

The air filters behind the front grille should be checked and cleaned once every 2 weeks or more often if neccessary.



■ Never use any of the followings:

- Water hotter than 40°C.
  Could cause deformation and/or discoloration.
- Volatile substances.
  Could damage the surfaces of the air conditioner.



1 **Remove the Air filters.**

■ Take hold of the tab and pull slightly forward to remove the filter.

CAUTION: When the air filter is to be removed, do not touch the metal parts of the indoor unit.
It may cause an injury.

2 **Clean dirt from the air filter using a vacuum cleaner or washing with water.**

■ If dirt is conspicuous, wash with a neutral detergent in lukewarm water.

■ If hot water (50°C or more) is used, it may be deformed.

3 **After washing with water, dry well in the shade.**

■ Do not expose the air filter to direct sunlight or heat from a fire when drying it.

4 **Install the air filter.**

Operation Tips!

Do not overcool the room.

This is not good for the health and wastes electricity.

Keep blinds or curtains closed.

Do not let direct sunshine enter the room when the air conditioner is in operation.

Keep the room temperature uniform.

Adjust the vertical and horizontal airflow direction to ensure a uniform temperature in the room.

Make sure that the doors and windows are shut thight.

Avoid opening doors and windows as much as possible to keep the cool air in the room.

Clean the air filter regularly.

Blockages in the air filter reduce the airflow and lower cooling and dehumidifying effects. Clean at least once every two weeks.

Ventilate the room occasionally.

Since windows are kept closed, it is a good idea to open them and ventilate the room now and ten.

Use high fan speed for effective and fast cooling.

The unit gives its rated cooling capacity when the fan speed is high.

LG
Life's Good

FRANÇAIS

MANUEL D'UTILISATION

CLIMATISEUR

Veuillez lire attentivement ce manuel avant d'utiliser
votre appareil, et le conserver pour toute consultation ultérieure.

TYPE : Casete Plafond

http://www.lghvac.com
www.lg.com

TABLE DES MATIÈRES

A. Précautions de sécurité.....3
B. Sécurité électrique.....6
Utilisation temporaire d'un adaptateur.....6
Symboles utilisés dans ce manuel.....6
C. Description du produit.....7
Unité intérieure.....7
Unité extérieure.....7
D. Instructions d'utilisation.....8
D. Comment insérer les piles.....8
Entretien de la télécommande sans fils....8
Voyants de fonctionnement.....8
Méthode de fonctionnement.....8
Fonctionnement de la Télécommande.....9
Dénominations et fonctions (en option)..10
Mode de fonctionnement.....11
Fonction déshumidificationsaine.....12
Mode ventilateur.....12
Fonctionnement automatique.....12
Refroidissement rapide.....12
Fonctionnement du purificateur d'air PLASMA (en option).....13
Affichage en degrés Celsius/Fahrenheit.....13
Réglage de l'heure.....13
Réglage de la veille programmée.....14
Réglage de la mise en marche programmée.....14
Réglage de l'arrêt programmé.....14
Annulation des réglages programmés....15
Commande verticale de direction du débit d'air (selon les modèles).....15
Commande horizontale de direction du débit d'air (selon les modèles).....15
Réglage individuel de l'angle des volets (selon les modèles).....16
Funzionamento Manuale.....17
Fonction Redémarrage automatique.....17
E. Entretien et service.....18
Type cassette plafond.....18
Conseils d'utilisation.....19

POUR VOS DOSSIERS

Écrivez les numéros de modèle et de série ci-après :

N° de modèle

N° de série

Vous les trouverez sur une étiquette dans la partie latérale de chaque unité.

Nom du revendeur

Date d'achat

■ Agrafez votre reçu à cette page au cas où vous en auriez besoin pour prouver la date d'achat ou pour vous prévaloir de la garantie.

LISEZ CE MANUEL

Vous y trouverez plusieurs conseils utiles sur la manière d'utiliser et d'entretenir correctement votre climatiseur. Quelques petites mesures préventives vous permettront d'épargner beaucoup de temps et d'argent pendant la durée de vie de votre climatiseur.

Vous trouverez une série de réponses aux problèmes les plus fréquents dans le tableau du guide de dépannage. Si vous passez en revue notre **Guide de dépannage** d'abord, il se peut que vous n'ayez pas du tout besoin d'appeler le Service Après-Vente.

PRÉCAUTION

- **Contactez le service technique agréé pour la réparation ou l'entretien de cette unité.**
- **Contactez un technicien autorisé pour l'installation de cette unité.**
- **Ce climatiseur ne doit pas être actionné par des petits enfants ou par des personnes infirmes sans surveillance.**
- **Les petits enfants doivent être surveillés afin de vous assurer qu'ils ne jouent pas avec le climatiseur.**
- **Si le cordon d'alimentation doit être remplacé, ce travail ne doit être confié qu'à du personnel autorisé et il ne doit être effectué qu'en utilisant des pièces de rechange authentiques.**



Précautions de sécurité

Les instructions ci-après doivent être observées dans le but de prévenir tout risque de dommages corporels ou matériels.

■ L'utilisation non conforme, résultant du non-respect des instructions, est susceptible de provoquer des dommages corporels ou matériels et dont la gravité est signalée par les indications suivantes.

⚠ AVERTISSEMENT	Ce symbole indique un risque de blessure grave, voire mortelle.
⚠ ATTENTION	Ce symbole indique un risque de blessure ou des dommages matériels.

■ Les significations des symboles utilisés dans ce manuel sont indiquées ci-dessous

	**Veillez à ne pas faire cela.**
	**Veillez à suivre cette instruction.**

⚠ AVERTISSEMENT

Utilisez toujours une fiche d'alimentation et une prise de courant avec borne de mise à la terre.

- Autrement, vous risquez de provoquer un choc électrique.

N'utilisez pas un disjoncteur défectueu ou valeur nominale inférieure. Utilisez un disjoncteur et un fusible appropriés.

- Autrement, vous risquez de provoquer un incendie ou un choc électrique.

N'utilisez pas de bloc d'alimentation à prises multiples. Utilisez toujours cet appareil sur un circuit dédié protégé par un disjoncteur.

- Autrement, vous risquez de provoquer un incendie ou un choc électrique.

Pour l'installation électrique, contactez votre distributeur ou vendeur, un électricien qualifié ou le S.A.V. agréé. Ne démontez ni ne réparez vous-même l'appareil.

- Autrement, vous risquez de provoquer un incendie ou un choc électrique.

Faites toujours une mise à la terre de l'appareil suivant le schéma de câblage. Ne reliez pas le fil de terre à une canalisation de gaz, à une conduite d'eau, à un paratonnerre ou à un fil de terre téléphonique.

- Autrement, vous risquez de provoquer un incendie ou un choc électrique.

Installez correctement le panneau et le couvercle du boîtier de commande.

- Autrement, vous risquez de provoquer un incendie ou un choc électrique à cause de la poussière, de l'humidité, etc.

Utilisez un disjoncteur ou un fusible à valeur nominale appropriée.

- Autrement, vous risquez de provoquer un incendie ou un choc électrique.

Ne modifiez ni ne prolongez le cordon d'alimentation. Si le cordon d'alimentation venait à être abîmé, déchiré ou épluché, remplacez-le.

- Autrement, vous risquez de provoquer un incendie ou un choc électrique.

Pour toute installation, enlèvement ou réinstallation, contactez toujours votre distributeur ou le S.A.V agrée.

- Autrement, vous risquez de provoquer un incendie ou un choc électrique, une explosion ou des blessures.

N'installez pas ce produit sur un support défecteux. Assurez-vous que l'emplacement choisi pour l'installation n'est pas abîmé par temps.

- Autrement, le produit risque de tomber par terre.

N'installez jamais l'unité extérieure sur une surface instable, ni dans un endroit où elle risque de tomber par terre.

- La chute de l'unité extérieure pourrait provoquer des dommages, des blessures, voire la mort.

Si le produit est mouillé (plongé ou submergé), contactez un S.A.V. agrée pour le faire réparer avant de le réutiliser.

- Autrement, vous risquez de provoquer un incendie ou un choc électrique.

Le transformateur élévateur de l'unité extérieure fournit aux composantes électriques de l'électricité haute tension. Assurez-vous de décharger complètement le condensateur avant de mener à bien un travail de réparation.

- Un condensateur chargé peut être à l'origine d'un choc électrique.

Lors de l'installation, utilisez le kit d'installation fourni avec l'appareil.

- Autrement, l'unité risque de tomber et de provoquer des dommages graves.

Assurez-vous d'utiliser uniquement les pièces énumérées dans le catalogue de pièces détachées. N'essayer jamais de modifier cet appareil.

- L'utilisation des pièces inadéquates peut causer un choc électrique, un dégagement excessif de chaleur ou un incendie.

Les connexions électriques des unités intérieure et extérieure doivent être bien solides et les câbles doivent être acheminés correctement, de sorte qu'il n'y ait aucune force qui tire le cordon vis-à-vis des bornes de connexion.

• Les connexions inadéquates ou lâches peuvent causer un dégagement excessif de chaleur ou un incendie.

Veillez à la mise au rebut sûre des matériaux d'emballage. Par exemple, des vis, des clous, des piles, des objets cassés, etc., après installation ou service. Puis déchirez et jetez les sacs d'emballage en plastique.

• Les enfants pourraient jouer avec ces matériaux et subir des blessures.

Assurez-vous de vérifier que la prise du cordon d'alimentation n'est pas sale, lâche ou cassée, puis veuillez insérer complètement la fiche.

• Une prise sale, lâche ou cassée peut provoquer un choc électrique ou un incendie.

Assurez-vous de vérifier que le condenseur soit correctement utilisé. Veuillez lire l'étiquette sur l'appareil.

• L'utilisation incorrecte du condenseur risque d'empêcher le bon fonctionnement de l'unité.

N'utilisez pas un cordon d'alimentation, une fiche ou une prise lâche s'ils sont endommagés.

• Autrement, vous risquez de provoquer un incendie ou un choc électrique.

Ne touchez, n'actionnez ne pas réparez l'appareil avec les mains humides. Prenez la prise avec la main pour la débrancher.

• Autrement, vous risquez de provoquer un incendie ou un choc électrique.

Ne placez pas le cordon d'alimentation près d'un poêle ni tout autre appareil de chauffage.

• Autrement, vous risquez de provoquer un incendie ou un choc électrique.

Assurez-vous que l'eau n'entre pas en contact avec les pièces électriques. Installez l'unité loin des sources d'eau.

• Autrement, vous risquez de provoquer un incendie ou un choc électrique ou un dysfonctionnement de l'appareil.

Ne stockez ni n'utilisez de gaz ou de combustibles inflammables près de l'appareil

• Autrement, il y a risque d'incendie.

N'utilisez pas l'appareil dans un endroit fermé hermétiquement pendant une période prolongée. Aérez la pièce régulièrement.

• Il peut y avoir un manque d'oxygène, qui nuirait à votre santé.

N'ouvrez pas la grille avant de l'appareil en cours de fonctionnement. (Ne touchez pas le filtre électrostatique, si l'unité en est équipée).

• Autrement, vous risquez de subir des blessures physiques, un choc électrique, ou de provoquer un dysfonctionnement de l'appareil.

Si l'unité dégage des sons étranges, des odeurs ou de la fumée, éteignez immédiatement le disjoncteur ou débranchez le cordon d'alimentation.

• Autrement, vous risquez de provoquer un incendie ou un choc électrique.

Aérez la pièce où se trouve l'appareil de temps en temps lorsque vous l'utilisez simultanément avec un poêle ou avec tout autre appareil de chauffage.

• Il peut y avoir un manque d'oxygène, qui nuirait à votre santé.

Débranchez l'appareil avant de procéder à des opérations de nettoyage ou d'entretien.

• Autrement, vous risquez de provoquer un choc électrique.

Si l'appareil va rester inutilisé pendant une longue période, débranchez-le ou mettez le disjoncteur sur la position arrêt.

• Autrement, vous risquez d'endommager l'appareil, d'en causer un dysfonctionnement ou la mise en marche involontaire.

Assurez-vous que personne, en particulier les enfants, ne puissent marcher ou tomber sur l'unité extérieure.

• Ceci pourrait provoquer des blessures personnelles et endommager l'appareil.

Veillez à ce qu'on ne tire n'y que l'on endommage le cordon d'alimentation pendant le fonctionnement de l'appareil.

• Autrement, vous risquez de provoquer un incendie ou un choc électrique.

Ne placez aucun objet sur le cordon d'alimentation.

• Autrement, vous risquez de provoquer un incendie ou un choc électrique.

Ne mettez en marche ni n'arrêtez le climatiseur en branchant ou en débranchant la fiche d'alimentation.

• Autrement, vous risquez de provoquer un incendie ou un choc électrique.

S'il y a une fuite de gaz inflammable, fermez le robinet à gaz et ouvrez une fenêtre pour ventiler la pièce avant de mettre en marche le climatiseur.

• N'utilisez pas le téléphone, ni ne mettez les interrupteurs en marche ou en arrêt. Ceci risquerait de provoquer une explosion ou un incendie.

⚠ ATTENTION

Faites appel à deux personnes ou plus pour soulever et déplacer cet appareil.

• Évitez les blessures personnelles.

N'installez pas l'appareil dans un endroit où il serait exposé directement au vent de la mer (pulvérisation d'eau de mer).

• Ceci pourrait corroder l'appareil.

Installez le raccord de drainage de manière à assurer un drainage approprié.

• Une mauvaise connexion peut provoquer des fuites d'eau.

Maintenez l'appareil de niveau lors de son installation.

• Ceci permet d'éviter des vibrations et des bruits.

N'installez pas l'appareil dans un endroit où le bruit ou l'air chaud dégagés par l'unité extérieure pourraient gêner vos voisins.

• Ceci peut provoquer des problèmes à vos voisins et de là, être à l'origine de disputes avec eux.

Vérifiez toujours s'il y a des fuites de gaz (frigorigène) après installation ou réparation de l'appareil.

• Des niveaux de frigorigène trop bas peuvent être à l'origine d'une défaillance de l'appareil.

N'utilisez pas cet appareil pour des fins particulières telles que la préservation d'aliments, d'œuvres d'art, etc. C'est un climatiseur grand public, non pas un système de refroidissement de précision.

• Autrement, il y a risque de dommages à la propriété ou de pertes matérielles.

N'obstruez pas l'entrée ou la sortie du flux d'air.

• Ceci peut provoquer un mauvais fonctionnement de l'appareil.

Utilisez un chiffon doux pour le nettoyage. N'utilisez pas de détergents agressifs, de dissolvants, ni n'aspergez de l'eau, etc.

• Ceci risquerait de provoquer un incendie, un choc électrique ou des dommages aux pièces plastiques de l'appareil.

Ne touchez pas les pièces métalliques du climatiseur lorsque vous enlevez le filtre à air.

• Autrement, vous risquez de subir des blessures.

Ne marchez ne placez aucun objet sur l'appareil (unités extérieures).

• Autrement, ceci risquerait de provoquer des blessures et une défaillance de l'appareil.

Insérez toujours fermement le filtre après nettoyage. Nettoyez le filtre tous les quinze jours ou plus souvent si nécessaire.

• Un filtre sale réduit l'efficacité du climatiseur.

N'insérez pas les mains ou d'autres objets à travers l'entrée ou la sortie d'air lorsque le climatiseur est en marche.

• Il y a des bords aiguisés et des pièces mobiles qui pourraient vous blesser.

Prenez soin lors du déballage et de l'installation de l'appareil.

• Les bords aiguisés peuvent provoquer des blessures.

S'il y a une fuite de gaz frigorigène pendant la réparation, ne touchez pas au gaz échappé.

• Le contact du gaz frigorigène avec la peau peut causer des engelures (« brûlure froide »).

N'inclinez pas l'unité lors d'un déplacement ou d'une désinstallation.

• L'eau condensée qui se trouve à l'intérieur pourrait se renverser.

Ne mélangez pas d'air ou de gaz autre que le gaz frigorigène spécifié utilisé dans le système.

• Si de l'air entre dans le système réfrigérant, la pression devient excessivement élevée, ce qui peut provoquer des dommages à l'appareil ou des blessures personnelles.

S'il se produit une fuite de gaz frigorigène pendant l'installation de l'appareil, aérez immédiatement la pièce.

• Autrement, ceci peut être nocif pour votre santé.

Le démantèlement de l'unité, le traitement de l'huile réfrigérante et des pièces ultimes devrait se faire conformément aux normes locales et nationales.

Remplacez toutes les piles de la télécommande par des piles neuves du même type. Ne mélangez pas de piles neuves avec des piles usées ou différents types de piles.

• Autrement, vous risquez de provoquer un incendie ou un dysfonctionnement.

Ne rechargez ni ne démontez les piles. Ne les jetez pas au feu.

• Elles pourraient brûler ou exploser.

En cas de contact du liquide des piles avec votre peau ou vos vêtements, lavez-les à l'eau. N'utilisez pas la télécommande si les piles ont coulé.

• Les produits chimiques à l'intérieur des piles peuvent causer des brûlures ou d'autres blessures.

Si vous ingurgitez le liquide de la pile, lavezvous les dents et consultez votre dentiste. Ne pas utiliser la télécommande si les piles ont fuit.

• Les produits chimiques àl'intérieur des piles pourraient vous causer des brûlures ou d'autres ennuis de santé.

Ne laissez pas le climatiseur fonctionner pendant longtemps lorsque le taux d'humidité est très élevé et que la porte ou une fenêtre a été laissée ouverte.

• Il peut y avoir une condensation d'humidité qui risque de mouiller ou d'endommager vos meubles.

N'exposez pas votre peau, ni les enfants ou les plantes au courant d'air froid ou chaud.

• Ceci peut nuire à leur santé.

Ne buvez pas l'eau qui s'écoule de l'appareil.

• Ce n'est pas hygiénique et pourrait entraîner de sérieux problèmes de santé.

Utilisez une banquette ou une échelle solide lorsque vous menez à bien des opérations de nettoyage ou d'entretien de l'appareil.

• Faites attention et évitez de vous blesser.

Sécurité électrique

⚠ AVERTISSEMENT

- Cet appareil doit être correctement mis à la terre. Pour réduire au minimum le risque de choc électrique, vous devez toujours brancher l'appareil sur une prise de courant mise à la terre.
- Ne coupez ni n'enlevez la broche de mise à la terre de la fiche d'alimentation.
- Raccordez la borne de mise à la terre de l'adaptateur à la vis du couvercle de la prise murale n'assure pas la mise à la terre, à moins que la vis du couvercle soit métallique et non isolée et que la prise murale soit mise à la terre par l'intermédiaire de l'installation électrique.
- Si vous doutez que le climatiseur soit correctement relié à la terre, demandez à un électricien qualifié d'examiner la prise murale ainsi que le circuit électrique.

Utilisation temporaire d'un adaptateur

Nous décourageons vivement l'utilisation d'un adaptateur en raison des risques potentiels pour la sécurité. Pour des connexions temporaires, utilisez uniquement un adaptateur d'origine, disponible dans la plupart des magasins de matériel électrique. Assurez-vous que la grande encoche de l'adaptateur est alignée avec la grande encoche de la prise murale afin de les brancher en respectant la polarité.

Pour débrancher le cordon d'alimentation de l'adaptateur, prenez chacun d'eux avec une main, afin ne pas endommager la borne de terre. Évitez de débrancher fréquemment le cordon d'alimentation car ceci pourrait endommager la borne de terre.

⚠ AVERTISSEMENT

- Ne branchez jamais cet appareil à l'aide d'un adaptateur cassé.

Symboles utilisés dans ce manuel



Ce symbole indique un risque de choc électrique.



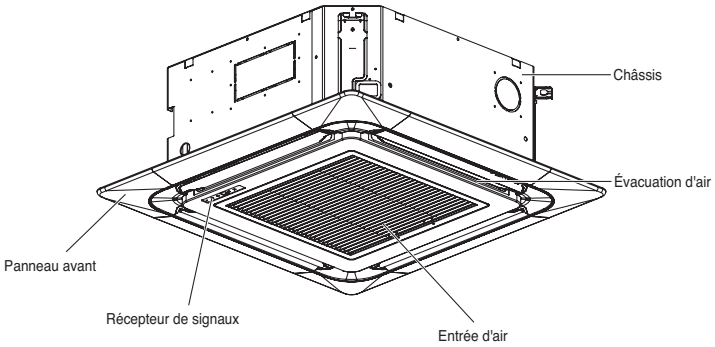
Ce symbole indique des risques pouvant endommager le climatiseur.

REMARQUE **Ce symbole indique des remarques particulières.**

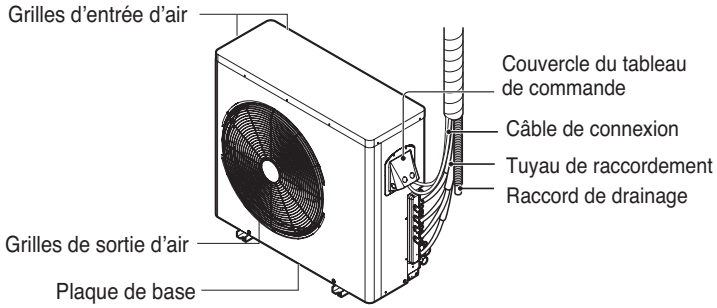
Description du produit

Unité intérieure

[Type cassette plafond]



Unité extérieure

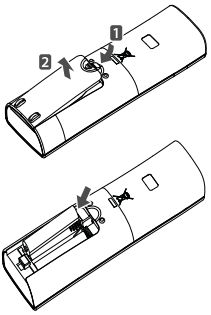


❊ **La imagen pueden variar según el modelo.**

Instructions d'utilisation

Comment insérer les piles

1. Enlevez le couvercle du réceptacle à piles suivant le sens de la flèche.
2. Insérez des piles neuves en veillant à bien placer les pôles (+) et (-). (Type de pile = AAA)
3. Replacez le couvercle en le poussant de nouveau dans sa position.

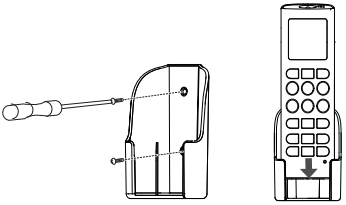


REMARQUE

1. Utilisez/remplacez toujours les deux piles par des piles du même type.
2. Si le système ne va pas être utilisé pendant une longue période, enlevez les piles pour prolonger leur durée de vie.
3. Si l'écran d'affichage de la télécommande commence à devenir sombre, remplacez les deux piles.

Entretien de la télécommande sans fils

1. Choisissez un endroit convenable où on puisse l'atteindre facilement et elle soit en même temps protégée.
2. Fixez solidement le support au mur, etc. à l'aide des vis fournies.
3. Glissez la télécommande à l'intérieur du support.



REMARQUE

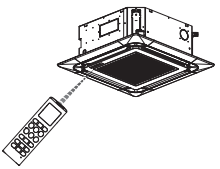
1. La télécommande ne devrait jamais être exposée à la lumière directe du soleil.
2. L'émetteur et le récepteur de signaux devraient être toujours propres pour une communication appropriée. Utilisez un chiffon doux pour les nettoyer.
3. Au cas où d'autres appareils seraient également actionnés depuis la télécommande, changez la position de ceux-là ou consultez un technicien agrée.

Voyants de fonctionnement

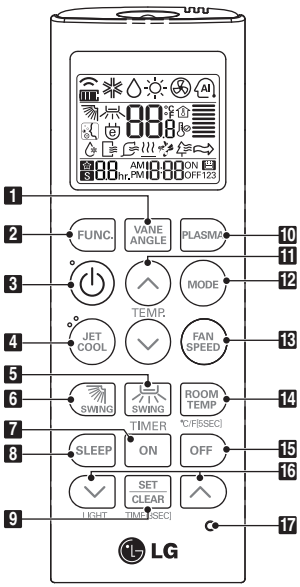
- On/Off : Les indicateurs s'allument durant le fonctionnement.
- Signe du filtre : Les indicateurs s'allument après 2400 heures à partir de la première mise en route de l'appareil.
- Minuteur : Les indicateurs s'allument durant le fonctionnement du minuteur.
- Mode décongélation : Les indicateurs s'allument durant le mode de décongélation ou de hot start (démarrage chaleur). (Seulement pour les modèles disposant d'une pompe à chaleur)
- Forcé : Pour opérer l'unité quand la télécommande ne peut pas être utilisée pour une raison quelconque.

Méthode de fonctionnement

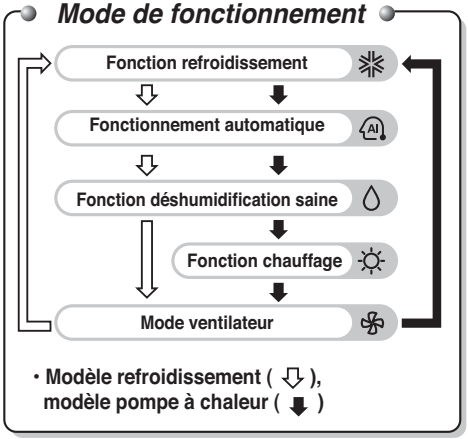
1. Le récepteur de signal se trouve à l'intérieur de l'unité.
2. Pointez la télécommande en direction de l'unité pour la commander. Il ne doit y avoir aucun obstacle entre la télécommande et l'unité.



Fonctionnement de la Télécommande



Mode de fonctionnement



1. Touche de réglage de l'angle des volets
Permet de régler l'inclinaison de chaque volet de manière indépendante.

2. Touche de réglage des fonctions
Permet de régler ou annuler les fonctions d'autonettoyage, de nettoyage intelligent, de chauffage électrique ou de réglage individuel de l'angle des volets.

3. Touche marche/arrêt
Permet d'allumer ou éteindre l'unité.

4. Touche de refroidissement rapide
Permet un refroidissement rapide en projetant de l'air frais à grande vitesse.

5. Touche de contrôle du débit d'air gauche/droite (selon les modèles)
Permet de régler le débit d'air dans la direction de votre choix vers la gauche/droite (commande horizontale).

6. Touche de contrôle du débit d'air haut/bas
Permet d'arrêter ou de démarrer le mouvement des volets et de régler le débit d'air dans la direction de votre choix vers le haut/bas (commande verticale).

7. Touche de mise en marche programmée
Permet de régler l'heure de démarrage.

8. Touche de veille programmée
Permet de régler le délai de veille programmée.

9. Touche de réglage/annulation
Permet de définir ou annuler les réglages programmés. Permet également de régler l'heure (maintenez la touche enfoncée pendant 3 secondes).

10. Touche de filtration plasma (selon les modèles)
Permet de démarrer ou arrêter la fonction de filtration plasma.

11. Touches de réglage de la température
Permettent de sélectionner la température de la pièce.

12. Touche de sélection du mode de fonctionnement
Permet de sélectionner le mode de fonctionnement.

13. Touche de réglage de la vitesse du ventilateur intérieur
Permet de régler la vitesse du ventilateur parmi quatre options : basse, moyenne, élevée et Chaos.

14. Touche de vérification de la température
Permet de vérifier la température de la pièce.

15. Touche d'arrêt programmé
Permet de régler l'heure d'arrêt.

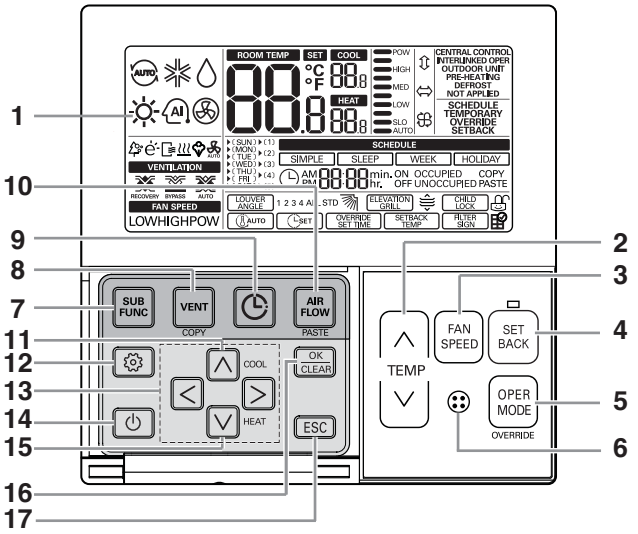
16. Touches de réglage de la programmation (haut/bas)/luminosité
Permettent d'ajuster les réglages programmés. Permettent également d'ajuster la luminosité. (Sauf en mode d'ajustement des réglages programmés.)

17. Bouton de réinitialisation
Permet de réinitialiser la télécommande.

REMARQUE

✻ Sur certains produits, certaines fonctions ne sont pas disponibles.

Dénominations et fonctions (en option)



1 **Écran d'indication du fonctionnement**
2 **Touche de réglage de la température**
3 **Touche de réglage de la vitesse du ventilateur**
4 **Touche du mode d'abaissement de la température**
5 **Touche de sélection du mode de fonctionnement**
6 **Récepteur de la télécommande sans fil**
• Certains produits ne reçoivent pas les signaux sans fil.
7 **Touche d'accès aux fonctions annexes**
8 **Touche de ventilation**
9 **Touche de programmation**
10 **Touche du débit d'air**
11 **Température de refroidissement souhaitée**
12 **Touche de réglage des fonctions**
13 **Touches haut, bas, gauche et droite**
14 **Touche marche/arrêt**
15 **Température de chauffage souhaitée**
16 **Touche de réglage/annulation**
17 **Touche Quitter**

※ Certaines fonctions ne peuvent pas être utilisées et affichées selon le type de produit.
※ Si vous voulez avoir plus d'information, veuillez vous référer au manuel de la télécommande avec fil.

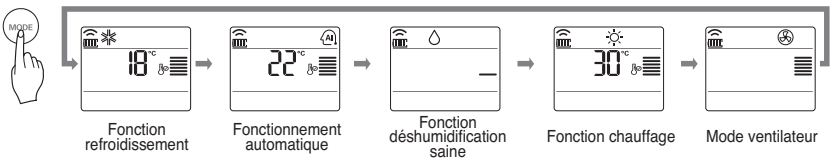
Modèle : PREMTB10U

Mode de fonctionnement

1 Appuyez sur la TOUCHE ON/OFF pour mettre l'appareil en marche.
L'unité émettra un bip sonore.

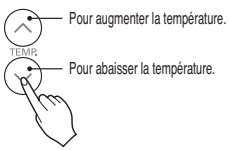


2 Ouvrez le couvercle basculant de la télécommande et appuyez sur la touche de mode de fonctionnement.
Chaque fois que vous appuyez sur cette touche, le mode de fonctionnement change dans le sens de la flèche.

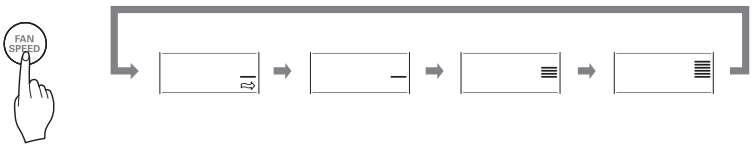


Fonction refroidissement | Fonctionnement automatique | Fonction déshumidification saine | Fonction chauffage | Mode ventilateur

3 En mode de refroidissement ou de chauffage, réglez la température intérieure désirée en appuyant sur les TOUCHES DE RÉGLAGE DE LA TEMPÉRATURE AMBIANTE.
En mode refroidissement, la température peut être réglée entre 18°C~30°C(64°F~86°F) alors qu'on mode chauffage, la plage de température va de 16°C~30°C(60°F~86°F).



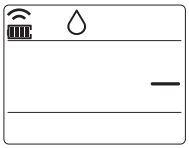
4 Réglez la vitesse du ventilateur à l'aide de la télécommande. Vous pouvez régler la vitesse du ventilateur, en appuyant sur le SÉLECTEUR DE VITESSE DU VENTILATEUR INTÉRIEUR.
Chaque fois que vous appuyez sur cette touche, le mode de vitesse du ventilateur change.



Ventilation naturelle

❑ Pour obtenir une sensation plus fraîche, appuyez sur le bouton SÉLECTEUR DE LA VITESSE DU VENTILATEUR INTERIEUR et réglez-le en mode CHAOS ou ventilation naturelle. Le vent soufflera alors comme une brise naturelle grâce aux changements automatiques de la vitesse du ventilateur.

Fonction déshumidificationsaine

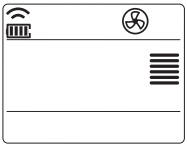


Pendant le fonctionnement en mode déshumidification saine



- ❏ Si vous sélectionnez le mode de fonctionnement déshumidification à l'aide de la TOUCHE DE SÉLECTION DU MODE DE FONCTIONNEMENT, la fonction de déshumidification se met en marche. L'appareil règle automatiquement la température ambiante ainsi que le volume d'air, de manière à créer les meilleures conditions de déshumidification et sur la base de la température ambiante réelle ayant été captée. Dans ce cas, cependant, la température réglée n'est pas affichée sur la télécommande et vous ne pouvez pas non plus régler la température ambiante.
- ❏ En mode de déshumidification saine, le volume d'air, réglé automatiquement suivant l'algorithme d'optimisation en fonction de la température ambiante réelle, rend la pièce saine et confortable même en saison très humide.

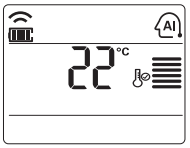
Mode ventilateur



Cette fonction permet de faire circuler l'air sans le refroidir ni le réchauffer. Vous pouvez l'activer en appuyant sur la TOUCHE DE SELECTION DE MODE DE FONCTIONNEMENT. Elle peut être activée en appuyant sur la TOUCHE CIRCULATION D'AIR. Une fois que la circulation d'air est activée, vous pouvez sélectionner la vitesse de l'air en appuyant sur le BOUTON SÉLECTEUR DE VITESSE DU VENTILATEUR INTÉRIEUR.



Fonctionnement automatique



Lorsque le mode est sélectionné, le système fonctionne automatiquement grâce aux commandes électroniques.

- Vous pouvez régler la température souhaitée entre 64°F et 86°F pour le mode Fonctionnement automatique.



REMARQUE

Cette fonction fonctionne correctement lorsque vous utilisez la télécommande adaptée au modèle.

Refroidissement rapide

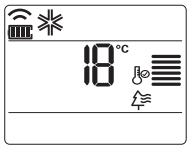


La fonction de refroidissement rapide peut être utilisée pour refroidir la pièce rapidement durant les étés très chauds. Lorsque cette fonction est activée en mode refroidissement, le ventilateur commence à marcher à une vitesse extrêmement rapide pendant 30 minutes, réglant ainsi la température ambiante sur 18°C(64°F) et en atteignant un refroidissement rapide et efficace.

Pour activer cette fonction, appuyez sur la TOUCHE JET COOL (REFROIDISSEMENT RAPIDE). Pour passer du mode refroidissement rapide au mode de refroidissement par fonctionnement du ventilateur à une vitesse élevée, appuyez sur la TOUCHE REFROIDISSEMENT RAPIDE ou sur le BOUTON SÉLECTEUR DE VITESSE DU VENTILATEUR INTÉRIEUR ou de nouveau sur la TOUCHE DE RÉGLAGE DE LA TEMPÉRATURE AMBIANTE.

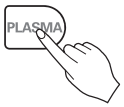


Fonctionnement du purificateur d'air PLASMA (en option)



Le filtre de plasma est une technologie développée par LG pour éliminer les contaminants microscopiques de l'air aspiré en produisant un plasma avec une charge élevée d'électrons.
Ce plasma tue et détruit au complet les contaminants pour fournir un air propre et hygiénique.

La fonction de purification par plasma peut être activée en appuyant sur la TOUCHE PLASMA de la télécommande. Appuyez-y de nouveau annuler cette fonction.



REMARQUE

Cette fonction peut être activée en n'importe quel mode de fonctionnement et le ventilateur peut marcher à n'importe quelle vitesse lorsque le filtre de plasma est actionné.

Affichage en degrés Celsius/Fahrenheit

Appuyez sur la touche d'alternance °C/°F pour changer les degrés Celsius en Fahrenheit et inversement.

En mode Fahrenheit, chaque fois que vous appuyez sur les touches de réglage de la température, la température augmente ou diminue de 1 degrés à la fois.

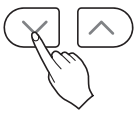


Réglage de l'heure

1. Appuyez sur la touche SET/CLEAR pendant 3 secondes.



2. Utilisez les touches de réglage de l'heure jusqu'à ce que la bonne heure soit affichée. (Maintenez la touche enfoncée pour changer l'heure par incréments de 10 minutes.)



3. Appuyez sur la touche SET/CLEAR.



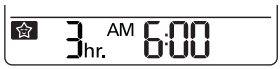
REMARQUE

Attention aux mentions AM et PM.

Réglage de la veille programmée

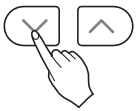
1. Appuyez sur la touche SLEEP pour activer ou désactiver la veille programmée.



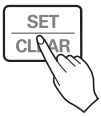


Veille programmée

2. Utilisez les touches de réglage de l'heure jusqu'à ce que le délai souhaité soit affiché. (7 heures est le réglage maximal.)



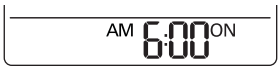
3. Appuyez sur la touche SET/CLEAR.



Réglage de la mise en marche programmée

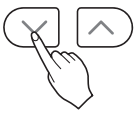
1. Appuyez sur la touche ON pour régler la mise en marche programmée.





Heure de mise en marche programmée

2. Utilisez les touches de réglage de l'heure jusqu'à ce que l'heure souhaitée soit affichée.

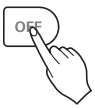


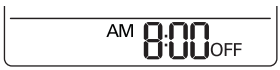
3. Appuyez sur la touche SET/CLEAR.



Réglage de l'arrêt programmé

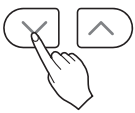
1. Appuyez sur la touche OFF pour régler l'arrêt programmé.





Heure d'arrêt programmé

2. Utilisez les touches de réglage de l'heure jusqu'à ce que l'heure souhaitée soit affichée.



3. Appuyez sur la touche SET/CLEAR.



Annulation des réglages programmés



- Si vous voulez annuler tous les réglages programmés, appuyez sur la touche SET/CLEAR.
- Si vous voulez annuler chaque réglage programmé individuellement, appuyez sur la touche correspondante pour sélectionner au choix la veille programmée, la mise en marche programmée ou l'arrêt programmé. Puis, appuyez sur la touche SET/CLEAR en dirigeant la télécommande vers le récepteur du signal. (Le symbole de programmation affiché sur le climatiseur et dans l'afficheur disparaîtra.)

Commande verticale de direction du débit d'air (selon les modèles)

Vous pouvez ajuster le débit d'air vers le haut/bas (commande verticale) à l'aide de la télécommande.

1. Appuyez sur la touche marche/arrêt pour démarrer l'unité.
2. Appuyez sur la touche de contrôle du débit d'air haut/bas. Les volets se mettent à osciller de haut en bas. Appuyez une nouvelle fois sur cette touche pour bloquer les volets verticaux dans la direction du débit d'air souhaitée.



REMARQUE

- Si vous appuyez sur la touche de contrôle du débit d'air haut/bas, la direction horizontale du débit d'air est modifiée automatiquement en fonction de l'algorithme Auto Swing pour répartir l'air de façon homogène dans la pièce, tout en offrant un écoulement d'air plus agréable pour le corps humain, comme avec une ventilation naturelle.
- Utilisez toujours la télécommande pour ajuster la direction du débit d'air haut/bas. L'ajustement manuel des volets de direction du débit d'air verticaux pourrait endommager le climatiseur.
- Lorsque l'unité est éteinte, les volets de direction du débit d'air haut/bas fermeront l'évent de sortie d'air du système.

Commande horizontale de direction du débit d'air (selon les modèles)

Vous pouvez ajuster le débit d'air vers la gauche/droite (commande horizontale) à l'aide de la télécommande.

1. Appuyez sur la touche marche/arrêt pour démarrer l'unité.
2. Appuyez sur la touche de contrôle du débit d'air gauche/droite. Les volets se mettent à osciller de gauche à droite. Appuyez une nouvelle fois sur cette touche pour bloquer les volets horizontaux dans la direction du débit d'air souhaitée.



❊ La fonction de commande verticale et horizontale du débit d'air n'apparaît pas dans l'afficheur de la télécommande.

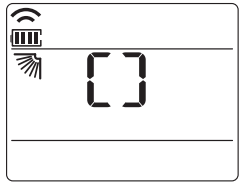
Réglage individuel de l'angle des volets (selon les modèles)

Cette fonction permet de contrôler l'angle des quatre volets individuellement sur les climatiseurs de type cassette 4 voies.

1 Appuyez sur la touche VANE ANGLE. Le symbole de réglage individuel de l'angle des volets se met à clignoter.



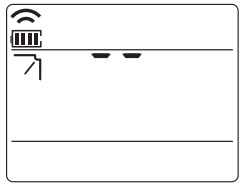
- Si vous appuyez pendant trois secondes sur la touche VANE ANGLE, tous les volets sont réglés sur un angle standard.



2 Réglez l'angle de chaque volet en appuyant sur la touche VANE ANGLE.

- Chaque fois que vous appuyez sur la touche TEMPERATURE SETTING, l'angle et les valeurs de réglage du volet correspondant s'affichent.
- Lorsque vous appuyez sur la touche, l'afficheur apparaît comme dans la figure de droite et vous pouvez régler l'angle entre 1 et 6.



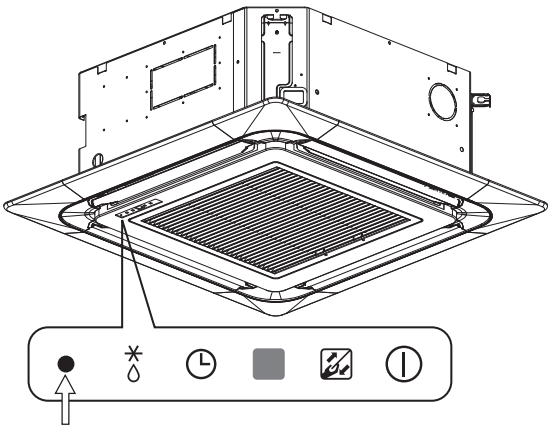


- Il peut exister des différences entre les valeurs réglées de l'angle des volets et la direction des volets.
- Réglez l'angle de votre choix tout en vérifiant le mouvement des volets du produit.
- La fonction de réglage individuel des volets est une fonction annexe et il se peut qu'elle ne soit pas disponible sur certains produits.

Funzionamento Manuale

Le fonctionnement forcé est employé lorsqu'il est impossible d'utiliser la télécommande. Ce mode démarre lorsque vous appuyez sur le bouton ON/OFF. Pour l'arrêter, appuyez à nouveau sur le bouton.

[Type Casete Rlafond]



	Modèle réversible		
	Température de la pièce ≥24°C(75.2°F)	21°C(69.8°F) ≤ Température de la pièce < 24°C(75.2°F)	Température de la pièce < 21°C(69.8°F)
Mode de fonctionnement	Froid	Déshumidification saine	Chaud
Vitesse du ventilateur intérieur	Haut	Haut	Haut
Température réglée	22°C(71.6°F)	23°C(73.4°F)	24°C(75.2°F)

Test de fonctionnement

Durant le TEST DE FONCTIONNEMENT, l'unité est en mode Froid avec une vitesse du ventilateur élevée, quelle que soit la température de la pièce, et elle se réinitialise au bout de 18 minutes. Durant le test de fonctionnement, si l'unité reçoit un signal de la télécommande, elle fonctionne conformément aux instructions de la télécommande. Pour utiliser le mode Test, appuyez sur le bouton ON/OFF et maintenez-le enfoncé pendant 3 à 5 secondes ; un signal sonore retentit. Pour l'arrêter, appuyez à nouveau sur le bouton.

Fonction Redémarrage automatique

Cette fonction est utile en cas de panne de courant.
Lorsque le courant revient après une coupure, cette fonction permet de restaurer les conditions de fonctionnement précédentes et le climatiseur récupère ses paramètres.

REMARQUE

Cette fonction est réglée en usine, mais vous pouvez la désactiver en appuyant sur le bouton ON/OFF pendant 6 secondes. L'unité émet deux signaux sonores et le voyant bleu clignote 8 fois. Pour activer la fonction, appuyez à nouveau sur le bouton pendant six secondes. L'unité émet deux signaux sonores et le voyant bleu clignote quatre fois.

Entretien et service

⚠ATTENTION

Avant d'effectuer toute opération d'entretien, veuillez placer l'interrupteur principal du système sur la position arrêt, puis débranchez l'interrupteur et le cordon d'alimentation.

Type cassette plafond

Grille, logement et télécommande

❒ Éteindre l'appareil avant de le nettoyer. Pour le nettoyer, l'essuyer avec un chiffon doux et sec. Ne pas utiliser de produits blanchissants ou abrasifs.

REMARQUE

Vous pouvez débrancher le courant avant de nettoyer l'unité d'entrée.

Filtres à air

Les filtres à air se trouvant sous la grille doivent être vérifiés et nettoyés tous les 15 jours ou plus si nécessaire.



■ Ne jamais utiliser les éléments suivants :

- Eau d'une température supérieure à 40ºC qui pourrait le déformer ou le décolorer.
- Substances volatiles qui pourraient endommager les surfaces du climatiseur.



1 **Retrait des filtres.**

■ Retirer les onglets et tirer doucement pour enlever le filtre.

ATTENTION : Lors du retrait du filtre à air ne pas toucher les parties métalliques de l'unité d'entrée.
Risque de blessure.

2 **Nettoyer le filtre à air à l'aide d'un aspirateur ou le laver à l'eau claire.**

■ Si la saleté est profonde, le laver avec une solution d'eau tiède et de détergent.

■ Ne pas utiliser d'eau chaude (50ºC ou plus) qui pourrait le déformer.

3 **Après le lavage du filtre à air, le faire sécher à l'ombre.**

■ Ne pas exposer le filtre à air directement aux rayons du soleil ou à la chaleur d'un feu lors du séchage.

4 **Installation du filtre à air.**

Conseils d'utilisation

Ne refroidissez pas à l'excès la pièce.

Ce n'est pas bon pour la santé et cela vous fera gaspiller l'électricité.

Maintenez fermés stores et rideaux.

Veillez à ce que le soleil n'entre pas directement dans la pièce lorsque le climatiseur est en fonctionnement.

Gardez une température ambiante uniforme.

Réglez la direction du flux d'air vertical et horizontal afin d'assurer une température ambiante uniforme.

Veillez à ce que les portes et les fenêtres soient bien fermées.

Évitez autant que possible d'ouvrir les portes et les fenêtres afin de conserver l'air froid dans la pièce.

Nettoyez régulière-ment les filtres à air.

Les obstructions dans le filtre à air réduisent le flux d'air ainsi que les effets de refroidissement et de déshumidification.
Nettoyez-les au moins une fois tous les quinze jours.

Aérez la salle de temps en temps.

Puisque les fenêtres restent fermées, il est conseillé de les ouvrir et d'aérer la pièce de temps en temps.

Utilisez la vitesse élevée du ventilateur pour un refroidissement rapide et efficace.

La capacité de refroidissement de l'unité est d'autant plus grande que le ventilateur tourne à une vitesse élevée.

LG
Life's Good

ESPAÑOL

MANUAL DEL PROPIETARIO

AIRE ACONDICIONADO

Por favor lea este manual detenidamente antes de utilizar su equipo y guárdelo para consultas futuras.

TIPO: Casete de Techo

http://www.lghvac.com
www.lg.com

CONTENIDO

A. Precauciones de seguridad 3
B. Seguridad eléctrica 6
Uso temporal de un adaptador 6
Símbolos utilizados en este manual 6
C. Presentación del producto 7
Unidades interiores 7
Unidad exterior 7
D. Instrucciones de funcionamiento 8
Inserción de pilas 8
Mantenimiento del mando a distancia inalámbrico 8
Indicadores luminosos de funcionamiento 8
Método de funcionamiento 8
Operación del mando a distancia 9
Nombre y función de los botones del controlador remoto (Opcional) 10
Modo funcionamiento 11
Funcionamiento de deshumidificación sana 12
Modo Ventilador 12
Funcionamiento automático 12
Refrigeracion rapida 12
Funcionamiento de purificación PLASMA (opcional) 13
Cambio Centígrados/Fahrenheit 13
Ajuste de la hora actual 13
Ajuste del temporizador de apagado automático 14
Ajuste del temporizador de encendido 14
Ajuste del temporizador de apagado 14
Para cancelar el ajuste del temporizador 15
Control de dirección de aire arriba/abajo (opcional) 15
Control de dirección de aire izquierda/derecha (opcional) 15
Control de ángulo de aletas individual (opcional) 16
Funcionamiento Forzado 17
Función de reinicio automático 17
E.Mantenimiento y servicio 18
Tipo casete de techo 18
Sugerencias 19

PARA SUS ARCHIVOS

Escriba el número de modelo y el de serie aquí:

Nº de modelo

Nº de serie

Podrá encontrarlos en una etiqueta en el lateral de cada unidad.

Nombre del distribuidor

Fecha de compra

■ Adjunte y grape su recibo a esta página en casi de necesitar probar la fecha de compra o por motivos de la garantía.

LEA ESTE MANUAL

Dentro encontrará muchas sugerencias útiles sobre el uso y mantenimiento corrector del aire acondicionado. Apenas unos simples cuidados preventivos de su parte pueden ahorrarle mucho tiempo y dinero a lo largo de la vida útil de su aire acondicionado. Encontrará muchas respuestas a los problemas comunes en el gráfico de sugerencias para la solución de averías. Si examina antes su tabla de **Sugerencias para la solución de averías,** puede que no necesite llamar al servicio técnico.

PRECAUCIÓN

- **Entre en contacto con un técnico de servicio autorizado para realizar la reparación o el mantenimiento de esta unidad.**
- **Entre en contacto con el instalador para la instalación de esta unidad.**
- **El aire acondicionado no está diseñado para su uso por niños pequeños o personas discapacitadas sin supervisión.**
- **Los niños pequeños deben estar supervisados para asegurarse que no juegan con el aire acondicionado.**
- **Si el cordon de alimentacion es danado, este debe de sustituirse por un cordon o ensamble especial disponible por parte del fabricante o su agente de servicio autorizado.**



Precauciones de seguridad

Para evitar lesiones al usuario u otras personas o daños a la propiedad, deberá seguir las instrucciones a continuación.

■ El funcionamiento incorrecto debido a la omisión de las instrucciones causará lesiones o daños. La seriedad se clasificará mediante las siguientes indicaciones:

⚠ADVERTENCIA	Este símbolo indica la posibilidad de muerte o lesión seria.
⚠ ATENCIÓN	Este símbolo sólo indica la posibilidad de lesión o daños a la propiedad.

■ El significado de los símbolos utilizados en este manual se muestra a continuación.

	**Asegúrese de no hacer esto.**
	**Asegúrese de seguir las instrucciones.**

⚠ADVERTENCIA

Utilice siempre un enchufe y una toma de alimentación con el terminal de tierra.

• Existe riesgo de descarga eléctrica.

No utilice un interruptor defectuoso o de capacidad equivocada. Utilice un interruptor y fusible de la capacidad correcta.

• Existe riesgo de incendio o descarga eléctrica.

No utilice un multiconector. Utilice siempre este electrodoméstico en un circuito e interruptor dedicado.

• De lo contrario podría ser causa de incendio o descarga eléctrica.

Para trabajos eléctricos, entre en contacto con el distribuidor, el vendedor, un electricista cualificado, o un centro de servicio autorizado. No desmonte o repare el producto usted mismo.

• Existe riesgo de incendio o descarga eléctrica.

Ponga siempre el producto a tierra conforme al diagrama de cableado. No conecte el cable de puesta a tierra a los cables de tierra de los conductos de agua, gas, del pararrayos o teléfono.

• Existe riesgo de incendio o descarga eléctrica.

Instale firmemente el panel y la cubierta de la caja de control.

• Existe riesgo de incendio o descarga eléctrica debido a la acumulación de polvo, agua, etc.

Utilice un interruptor o fusible de la capacidad correcta.

• Existe riesgo de incendio o descarga eléctrica.

No modifique ni alargue el cable de alimentación. Si el cable de alimentación sufriera daños, estuviera pelado, o deteriorado, deberá sustituirse por otro en perfecto estado.

• Existe riesgo de incendio o descarga eléctrica.

Para las labores de instalación, desmontaje o reinstalación, entre siempre en contacto con el distribuidor o un centro de servicio autorizado.

• Existe riesgo de incendio, descarga eléctrica, explosión o lesiones.

No instale el producto sobre un soporte de instalación defectuoso. Asegúrese que el área de instalación no se deteriora con el tiempo.

• Podría provocar averías en el producto.

No instale nunca la unidad exterior sobre una base móvil o en un lugar del que podría caerse.

• La caída de la unidad exterior podría causar daños, lesiones, o incluso la muerte.

Si el producto estuviera mojado (debido a inundaciones, etc.), póngase en contacto con el centro de servicio autorizado para realizar labores de reparación antes de volver a utilizar el producto.

• Existe riesgo de incendio o descarga eléctrica.

El condensador de aumento de la unidad exterior suministra electricidad de alta tensión a los componentes eléctricos. Asegúrese de descargar completamente el condensador antes de realizar tareas de reparación.

• Un condensador cargado de electricidad puede causar descargas eléctricas.

Utilice el equipo de instalación incluido con el producto durante la instalación de la unidad.

• De lo contrario la unidad podría caer y causar lesiones severas.

Asegúrese de utilizar únicamente aquellas piezas listadas en la lista de piezas del circuito virtual conmutado (SVC). Nunca intente modificar el equipo.

• El uso de piezas no adecuadas puede ser causa de descarga eléctrica, generación excesiva de calor o incluso incendio.

Las conexiones del cableado interior/exterior deben estar firmemente aseguradas, y el cable deberá tenderse correctamente a fin de evitar tensiones no deseadas en los terminales de conexión.

- Las conexiones flojas o inadecuadas pueden ser causa de una generación excesiva de calor o incluso incendio.

Deseche los materiales de embalaje de forma segura. Como tornillos, clavos, pilas, piezas rotas, etc., tras la instalación o SVC y, a continuación, retire y deseche los plásticos de embalaje.

- Los niños podrían jugar con los desechos y sufrir lesiones.

Asegúrese de comprobar que el enchufe del cable de alimentación no esté sucio, flojo o roto y, sólo entonces, inserte el enchufe en la toma de pared.

- Un enchufe sucio, flojo o roto puede ser causa de descarga eléctrica o incendio.

Asegúrese de comprobar el tipo de refrigerante empleado. Por favor, lea la etiqueta informativa del producto.

- El uso de un refrigerante incorrecto podría evitar el funcionamiento normal de la unidad.

No utilice cables, tomas o enchufes dañados.

- De lo contrario podría ser causa de incendio o descarga eléctrica.

No toque, opere, o repare el producto con las manos húmedas. Sujete el enchufe firmemente con la mano antes de tirar para extraerlo.

- Existe riesgo de descarga eléctrica o incendio.

No coloque un radiador u otros electrodomésticos generadores de calor cerca del cable de alimentación.

- Existe riesgo de incendio o descarga eléctrica.

No permita que el agua se introduzca en las piezas eléctricas. Instale la unidad lejos de posibles fuentes de agua.

- Existe riesgo de incendio, avería en el producto o descarga eléctrica.

No almacene, ni utilice, ni tan siquiera permita la presencia de gases inflamables o combustibles cerca del producto.

- Existe riesgo de incendio.

No utilice el producto en un espacio cerrado durante mucho tiempo. Realice periódicamente la ventilación del producto.

- Podría sufrir una carencia de oxígeno y, consecuentemente, sufrir daños en su salud.

No abra la rejilla de entrada frontal del producto durante su funcionamiento. (No toque el filtro electrostático, si la unidad está equipada con uno.)

- Existe riesgo de lesiones físicas, descarga eléctrica o averías en el producto.

Si escucha ruidos, percibe olores extraños, o si su producto emite humo. Cierre inmediatamente el interruptor o desconecte el cable de alimentación.

- Existe riesgo de descarga eléctrica o incendio.

Ventile periódicamente el cuarto donde se encuentra el producto siempre que funcione cerca de una estufa, elemento calefactor, etc.

- Podría sufrir una carencia de oxígeno y, consecuentemente, sufrir daños en su salud.

Desconecte la alimentación y desenchufe la unidad antes de realizar labores de limpieza o reparación del producto.

- Existe riesgo de descarga eléctrica.

Cuando no piense utilizar el producto durante un largo período de tiempo, desconecte el enchufe de suministro de alimentación o cierre el interruptor.

- Existe riesgo de daños o averías en el producto o funcionamiento involuntario.

Tenga cuidado de asegurarse que nadie, especialmente niños, puede caminar por encima de o caerse sobre la unidad de exterior.

- Esto podría causar lesiones personales y daños al producto.

Tenga cuidado de asegurar que el cable de alimentación no pueda extraerse o dañarse durante el funcionamiento.

- Existe riesgo de incendio o descarga eléctrica.

No coloque NINGÚN objeto sobre el cable de alimentación.

- Existe riesgo de incendio o descarga eléctrica.

No enchufe ni desenchufe el cable de alimentación a fin de ENCENDER/APAGAR la unidad.

- Existe riesgo de incendio o descarga eléctrica.

Si existen fugas de gas inflamable, apague el gas y abra una ventana para la ventilación del cuarto antes de volver a encender el producto.

- No utilice el teléfono ni abra y cierre interruptores. Existe riesgo de explosión o incendio.

⚠ ATENCIÓN

Son necesarias dos o más personas para levantar y transportar el producto.

- Evite lesiones personales.

No instale el producto donde pueda estar directamente expuesto al viento del mar (salitre).

- Podría causar la oxidación del producto.

Instale la manguera de desagüe para asegurar que el agua condensada se drene correctamente.

- Una mala conexión puede causar fugas de agua.

Mantenga el nivel incluso durante la instalación del producto.

- Para evitar vibraciones o ruido.

No instale el producto donde el ruido o el aire caliente de la unidad exterior pudieran ocasionar daños o molestar a los vecinos.

- Podría causar problemas y disputas con sus vecinos.

Compruebe siempre si existen fugas de gas (refrigerante) tras la instalación o reparación del producto.

- Los niveles bajos de refrigerante pueden causar averías en el producto.

No utilice el producto con propósitos especiales, como la preservación de alimentos, obras de arte, etc. Este es un aire acondicionado de consumidor, no un sistema de refrigeración de precisión.

- Existe el riesgo de daños o pérdidas de propiedad.

No bloquee la entrada o salida del flujo de aire.

- Podría provocar averías en el producto.

Emplee un paño suave para limpiar la unidad. No utilice detergentes fuertes, disolventes, etc.

- Existe el riesgo de fuego, descarga eléctrica o daños a las piezas plásticas del producto.

No toque las piezas metálicas del producto al desmontar el filtro de aire.

- Existe el riesgo de lesiones personales.

No pise ni coloque nada sobre el producto. (Unidades de exterior)

- Existe el riesgo de lesiones personales y averías en el producto.

Inserte siempre el filtro de forma segura tras su limpieza. Limpie el filtro cada dos semanas o más a menudo en caso de necesidad.

- Un filtro sucio reducirá la eficacia del producto.

No introduzca las manos u otros objetos en la entrada o la salida de aire mientras el producto esté en funcionamiento.

- Existen piezas afiladas y móviles que podrían causar lesiones personales.

Tenga cuidado al desempaquetar e instalar el producto.

- Los bordes afilados podrían causar lesiones.

Si el producto sufriera fugas de gas refrigerante durante las labores de reparación, no entre en contacto con el refrigerante.

- El gas refrigerante puede causar lesiones por congelación (quemaduras por frío)

No incline la unidad durante los procesos de desmontaje o desinstalación.

- El agua condensada del interior podría verterse.

No realice mezclas distintas a las especificadas por el refrigerante utilizado en el sistema.

- Si el aire entrara en el sistema de refrigeración, podría causar una presión excesivamente alta, provocando daños en el equipo o lesiones personales.

Si el gas refrigerante sufriera fugas durante la instalación, ventile inmediatamente el área.

- De lo contrario podría resultar perjudicial para su salud.

El desmontaje de la unidad, el tratamiento del aceite refrigerante y de distintas piezas, deberá realizarse conforme a las normativas locales y nacionales.

Sustituya las pilas del mando a distancia por otras nuevas del mismo tipo.
No mezcle pilas viejas y nuevas o de distintos tipos.

- Existe riesgo de incendio o averías en el producto.

No recargue ni abra las pilas. No las tire al fuego.

- Pueden quemarse o explotar.

Si el líquido de las pilas entra en contacto con su piel o ropas, lávese bien con agua limpia. No utilice el mando a distancia si las pilas han experimentado fugas.

- Los productos químicos de las pilas podrían causar quemaduras u otros peligros para la salud.

Si el líquido de las pilas alcanzara su boca, cepille sus dientes y consulte a un médico.No utilice el mando a distancia si las pilas han experimentado fugas.

- Los productos químicos de las pilas podrían causar quemaduras u otros perjuicios a la salud.

No deje el aire acondicionado en funcionamiento durante mucho tiempo cuando la humedad sea muy alta y haya dejado abierta una puerta o ventana.

- La humedad podría condensarse y mojar o dañar el mobiliario.

No exponga a los niños, plantas, o su propia piel, directamente a la corriente de aire frío o caliente.

- Esto podría resultar perjudicial para su salud.

No beba el agua de desagüe del producto.

- No es potable y podría causar problemas serios de salud.

Utilice un taburete o escalera firme al realizar labores de limpieza, mantenimiento, o reparación del producto desde una cierta altura.

- Tenga cuidado y evite las lesiones personales.

Seguridad eléctrica

⚠ ADVERTENCIA

- Este pequeño electrodoméstico debe estar correctamente puesto a tierra.
  Para reducir al mínimo el riesgo de descargas eléctricas, siempre deberá enchufar la unidad en una toma con puesta a tierra.
- No corte ni quite la clavija de puesta a tierra del enchufe de alimentación.
- Fijar el terminal de puesta a tierra del adaptador al tornillo de la tapa de la toma de pared no pondrá a tierra la unidad a menos que el tornillo de la tapa sea metálico y no esté aislado, y la toma de pared esté puesta a tierra a través del cableado de la casa.
- Si tiene alguna duda sobre si el aire acondicionado está puesto a tierra correctamente, solicite a un electricista cualificado que revise la toma de pared y el circuito.

Uso temporal de un adaptador

Desaconsejamos firmemente el uso de un adaptador debido a los potenciales peligros de seguridad. En conexiones temporales, utilice únicamente un adaptador original, disponible en la mayoría de sus almacenes locales de ferretería. Asegúrese que la ranura grande del adaptador esté alineada con la ranura grande de la toma para realizar una conexión correcta de la polaridad.

Para desconectar el cable de alimentación del adaptador, coloque una mano en cada uno para evitar dañar la clavija de puesta a tierra. Evite desenchufar con frecuencia el cable de alimentación, ya que esto podría provocar daños eventuales a la clavija de puesta a tierra.

⚠ ADVERTENCIA

- No utilice nunca la unidad con un adaptador roto.

Símbolos utilizados en este manual



Este símbolo le alerta del riesgo de descarga eléctrica.



Este símbolo le alerta de los peligros que pueden causar daños al aire acondicionado.

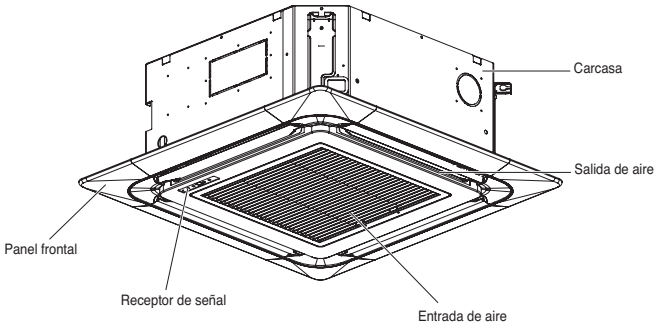
NOTA **Este símbolo indica notas especiales.**

Presentación del producto

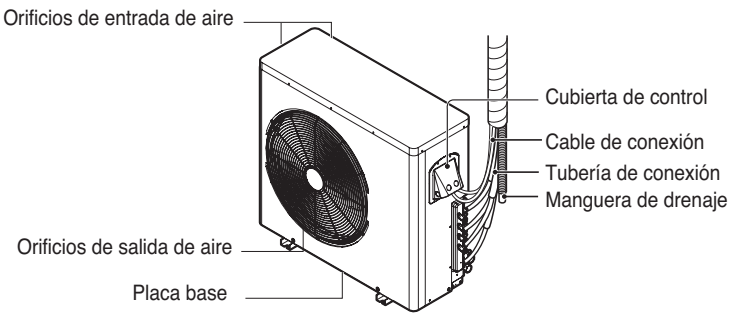
A continuación encontrará una breve presentación de las unidades de interior y exterior.
Por favor, consulte la información específica relativa al tipo de su unidad interior.

Unidades interiores

[Tipo casete de techo]



Unidad exterior

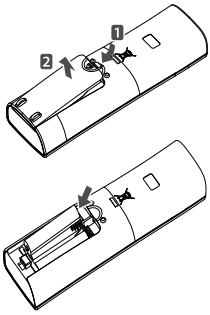


❊ La imagen pueden variar según el modelo.

Instrucciones de funcionamiento

Inserción de pilas

1. Desmonte la tapa de la batería tirando de ella en la dirección de la flecha.
2. Inserte las nuevas pilas asegurándose de que los signos (+) y (-) de la pila están instalados correctamente.(Tamaño de las baterías = AAA)
3. Monte de nuevo la tapa deslizándola nuevamente en posición.

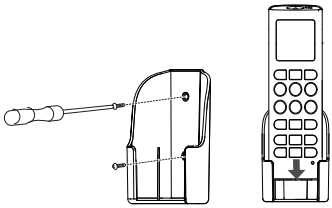


NOTA

1. Utilice/Sustituya siempre ambas pilas por otras del mismo tipo.
2. Si no piensa utilizar el sistema durante un largo período de tiempo, retire las pilas a fin de extender su vida útil.
3. Si la información en la pantalla del mando a distancia comenzara a desvanecerse, sustituya ambas pilas.

Mantenimiento del mando a distancia inalámbrico

1. Seleccione para éste un lugar seguro y de fácil acceso.
2. Fije el soporte a la pared mediante los tornillos incluidos.
3. Deslice el mando a distancia en su soporte.



NOTA

1. El mando a distancia nunca debe ser expuesto a la luz directa del sol.
2. Debe mantener siempre limpio el transmisor/receptor de señal a fin de asegurar una correcta comunicación. Emplee un paño suave para limpiarlo.
3. Si el mando a distancia opera además otros equipos, cambie su posición o consulte al técnico de servicio.

Indicadores luminosos de funcionamiento

Encendido/Apagado : Se ilumina durante el funcionamiento del sistema.

Señal del filtro : Se ilumina pasadas 2400 horas desde que se utilizara por primera vez el producto.

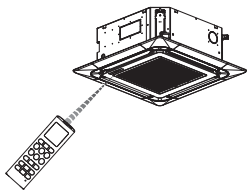
Temporizador : Se ilumina durante el funcionamiento del Temporizador.

Modo de descongelación : Se ilumina durante el modo de descongelación o funcionamiento de puesta en marcha en caliente (sólo en modelos de bomba de calor).

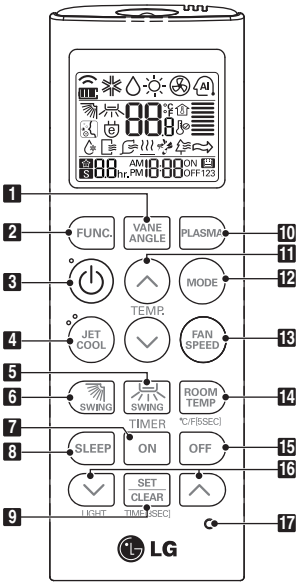
- Forzado : Para utilizar la unidad cuando no pueda utilizarse el mando a distancia.

Método de funcionamiento

1. El receptor de señal se encuentra en el interior de la unidad.
2. Apunte a la unidad con el mando a distancia a fin de ponerla en funcionamiento. No deben existir obstáculos entre ambos.



Operación del mando a distancia



1. Botón VANE ANGLE
Se utiliza para ajustar el ángulo de cada aleta.

2. Botón de CONFIGURACIÓN DE FUNCIONES
Se utilizar para seleccionar Limpieza automática, Limpieza inteligente, calefactor electrónico o Control de ángulo de aletas individuales.

3. Botón de encendido/apagado
Enciende/apaga la unidad.

4. Botón JET COOL
Refrigeración rápida con alta velocidad del ventilador.

5. Botón de control de dirección de aire izquierda/derecha (opcional)
Se utiliza para ajustar la dirección deseada (izquierda/derecha) del flujo de aire.

6. Botón de flujo de aire ARRIBA/ABAJO
Se utiliza para detener o iniciar el movimiento de las aletas y seleccionar la dirección arriba/abajo del flujo de aire.

7. Botón de temporizador encendido
Se puede seleccionar el tiempo de finalización del funcionamiento.

8. Botón de temporizador de apagado automático
Se puede seleccionar el tiempo de finalización del funcionamiento.

9. Botón PLASMA (OPCIONAL)
Se utiliza para configurar/borrar el temporizador. Se utiliza para ajustar la hora actual (si la entrada se hace durante 3 s).

10. PLASMA Button (OPTIONAL)
Se utiliza para iniciar o parar la función de purificación de plasma.

11. Botón de ajuste de temperatura interior
Se utiliza para seleccionar la temperatura de la habitación.

12. Botón de selección de modo de funcionamiento
Se utiliza para seleccionar el modo de funcionamiento.

13. Botón de velocidad del ventilador interior
Se utiliza para seleccionar la velocidad del ventilador en cuatro niveles: bajo, medio, alto y caos.

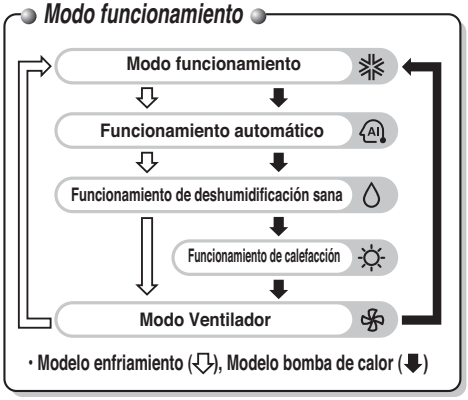
14. Botón de comprobación de temperatura interior
Se utiliza para comprobar la temperatura de la habitación.

15. Botón de apagado del temporizador
Se utiliza para seleccionar el tiempo de finalización del funcionamiento.

16. Botón de ajuste de temporizador (arriba/abajo)/Luz
Se utiliza para configurar el temporizador. Se utiliza para ajustar el brillo. (Si no está en el modo de ajuste de tiempo)

17. Botón de reinicio
Se utiliza para reiniciar el mando a distancia.

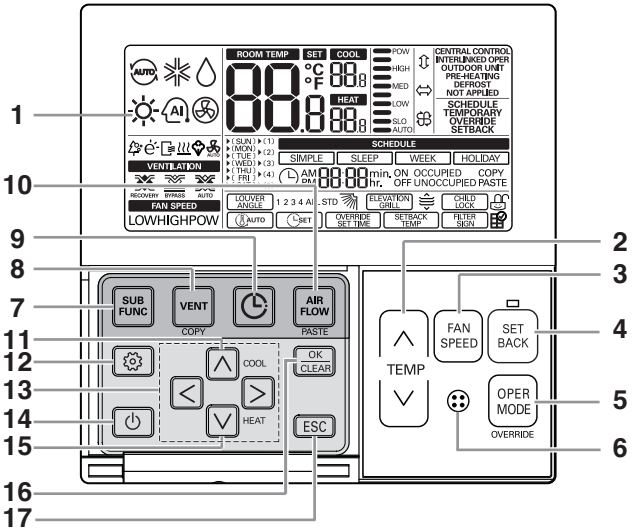
Modo funcionamiento



NOTA

✻ Dependiendo del producto, algunas funciones pueden no estar operativas o no mostrarse.

Nombre y función de los botones del controlador remoto (Opcional)



1 **Pantalla de indicación de operación**
2 **Botón para establecer temperatura**
3 **Botón de velocidad de ventilador**
4 **Botón SET BACK**
5 **Botón de selección de modo de operación**
6 **Receptor de control remoto inalámbrico**
• Algunos productos no reciben las señales inalámbricas.
7 **Botón de sub-función**
8 **Botón de ventilación**
9 **Botón de reservación**
10 **Botón de flujo de aire**
11 **Botón de temperatura deseada**
12 **Botón para establecer función**
13 **Botón Arriba, Abajo, Izquierda, Derecha**
14 **Botón Encendido/Apagado (ON/OFF)**
15 **Temperatura de calefacción deseada**
16 **Botón Establecer/Cancelar**
17 **Botón Salir**

※ Algunas funciones pueden no ser operadas y mostradas dependiendo del tipo de producto.
※ Si usted quiere conocer más información, favor de consultar el Manual del Control Remoto Amplio por Cable.

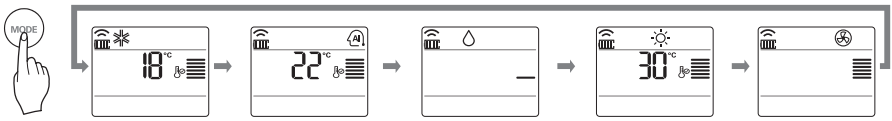
Modelo : PREMTB10U

Modo funcionamiento

1 Presione el botón ON/OFF para encender la unidad. La unidad responderá con una señal sonora

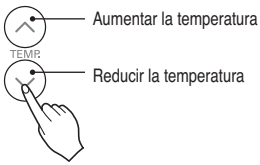


2 Abra la puerta del mando a distancia y presione el botón modo de funcionamiento. Cada vez que presione el botón, el modo de funcionamiento cambiará en la dirección de la flecha.

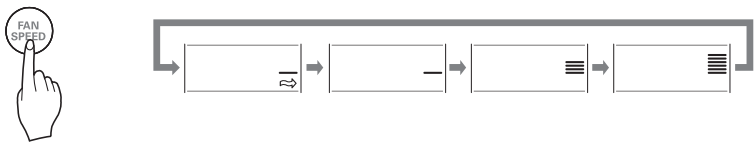


Modo funcionamiento | Funcionamiento automático | Funcionamiento de deshumidificación sana | Funcionamiento de calefacción | Modo Ventilador

3 Establezca la temperatura interior deseada, para la operación de enfriamiento o calefacción presionando los BOTONES DE AJUSTE DE TEMPERATURA AMBIENTE. La temperatura de enfriamiento debe establecerse entre los 18 °C y los 30 °C y(64°F y los 86°F), para la calefacción, entre los 16 °C y los 30 °C(60°F y los 86°F).



4 Establezca la velocidad del ventilador mediante el mando a distancia. Usted puede seleccionar la velocidad del ventilador. Cada vez que presione el botón, cambiará el modo de velocidad del ventilador.

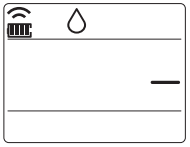


Viento natural

❏ Para lograr una sensación más fresca, presione el BOTÓN SELECTOR DE VELOCIDAD DEL VENTILADOR INTERIOR y configure el modo CAOS o Brisa natural.
En este modo, el viento sopla como una brisa natural cambiando automáticamente la velocidad del ventilador.

ESPAÑOL

Funcionamiento de deshumidificación sana

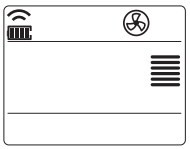


Durante el funcionamiento de la deshumidificación sana



- ❏ Si selecciona el modo deshumidificación mediante el BOTÓN DE SELECCIÓN DEL MODO DE FUNCIONAMIENTO, el producto activará la función de deshumidificación. Establece automáticamente la temperatura ambiente y el volumen del flujo de aire a las mejores condiciones para la deshumidificación, basándose en la temperatura ambiente actual detectada. En este caso, sin embargo, la temperatura establecida no se muestra en el mando a distancia y usted tampoco podrá controlar la temperatura ambiente.
- ❏ Durante la función de deshumidificación sana el volumen del flujo de aire se establece automáticamente según el algoritmo de optimización que responde al estado actual de la temperatura ambiente, para mantener las condiciones del cuarto sanas y confortables incluso en estaciones muy húmedas.

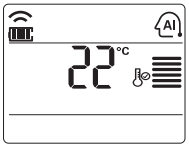
Modo Ventilador



Esta operación hace circular el aire del cuarto sin enfriarlo ni calentarlo. Puede ser activado presionando el BOTÓN SELECCIÓN DEL MODO DE OPERACIÓN. Una vez activada la circulación de aire, usted podrá seleccionar la velocidad del aire presionando el BOTÓN SELECTOR DE VELOCIDAD DEL VENTILADOR INTERIOR.



Funcionamiento automático



En el modo de funcionamiento, el sistema se active de forma automática mediante los controles electrónicos.

- Puede ajustar la temperatura deseada entre 64°F y 86°F para el modo de funcionamiento automático.



NOTA

Esta función funciona correctamente si utiliza un controlador a distancia que corresponda a cada modelo.

Refrigeracion rapida

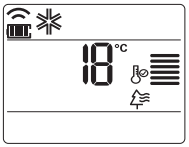


La función de chorro de aire frío puede ser empleada para enfriar rápidamente un cuarto en un día caluroso. Cuando esta función esté activa, el aire acondicionado funcionará en modo operación de enfriamiento, con una velocidad ultrarrápida del ventilador y una temperatura de 18 °C(64°F) durante 30 minutos a fin de lograr un enfriamiento rápido y eficaz.

Podrá activar este funcionamiento presionando el BOTÓN JET COOL (enfriamiento por chorro de aire). Para cambiar del modo enfriamiento por chorro de aire al modo enfriamiento por velocidad alta del ventilador, presione de nuevo el BOTÓN JET COOL o BOTÓN SELECTOR DE VELOCIDAD DEL VENTILADOR INTERIOR o el BOTÓN DE AJUSTE DE TEMPERATURA AMBIENTE.



Funcionamiento de purificación PLASMA (opcional)

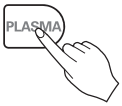


El filtro de plasma es una tecnología desarrollada por LG a fin de lograr eliminar los contaminantes microscópicos presentes en el aire de entrada mediante la generación de un plasma con electrones de altas cargas.
Este plasma elimina y destroza completamente los contaminantes para proporcionar un aire limpio e higiénico.

La purificación por plasma puede iniciarse presionando el BOTÓN PLASMA en el mano a distancia. Volver a presionarlo cancelará su ejecución.

NOTA

Esta característica puede emplearse en cualquier modo de funcionamiento y a cualquier velocidad del ventilador.



ESPAÑOL

Cambio Centígrados/Fahrenheit

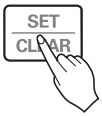
Pulse el botón °C/°F para cambiar de Centígrados a Fahrenheit y viceversa.

Cuando pulse el botón de ajuste de temperatura en el modo Fahrenheit, la temperatura subirá/bajará 1°F.

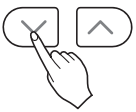


Ajuste de la hora actual

1. Pulse el botón SET / CLEAR durante 3 segundos.



2. Pulse los botones TIME SETTING hasta ajustar la hora deseada. (Si mantiene el botón pulsado, cambiará rápidamente en unidades de 10 min.)



3. Pulse el botón SET / CLEAR.



NOTA

Compruebe el indicador de A.M. y P.M.

Ajuste del temporizador de apagado automático

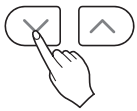
1. Pulse el botón TIMER para activar o apagar el temporizador.





Apagado automático

2. Pulse los botones TIME SETTING hasta ajustar la hora deseada. (7 horas es el ajuste máximo)



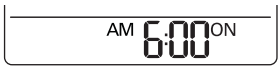
3. Pulse el botón SET / CLEAR.



Ajuste del temporizador de encendido

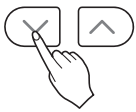
1. Pulse el botón ON para activar o apagar el temporizador.





Temporizador encendido

2. Pulse los botones TIME SETTING hasta ajustar la hora deseada.

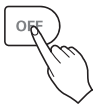


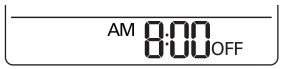
3. Pulse el botón SET / CLEAR.



Ajuste del temporizador de apagado

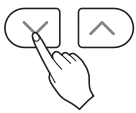
1. Pulse el botón OFF para activar o apagar el temporizador.





Temporizador apagado

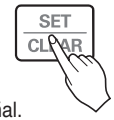
2. Pulse los botones TIME SETTING hasta ajustar la hora deseada.



3. Pulse el botón SET / CLEAR.



Para cancelar el ajuste del temporizador



- Si desea cancelar los ajustes del temporizador, pulse SET/CLEAR .
- Si desea cancelar cada ajuste del temporizador, pulse cada botón del temporizador para encender o apagar el temporizador según lo desee. Y pulse SET/CLEAR con el mando a distancia orientado al receptor de señal. (Se apagará la luz del temporizador en el aparato de aire acondicionado y la pantalla.)

Control de dirección de aire arriba/abajo (opcional)

El flujo de aire arriba/abajo (flujo de aire vertical) se puede cambiar con el mando a distancia.

1. Pulse el botón encendido/apagado para poner en funcionamiento la unidad.
2. Pulse el botón ARRIBA/ABAJO y la aletas oscilarán arriba y abajo. Pulse el botón ARRIBA/ABAJO de nuevo para ajustar la aleta vertical en la dirección deseada.



NOTA

- Si pulsa el botón de dirección arriba/abajo, la dirección horizontal del aire cambia automáticamente según el algoritmo de oscilación automáticamente para distribuir el aire de manera uniforme y, al mismo tiempo, para que resulte más cómodo, como si se tratara de una brisa natural.
- Utilice siempre el mando a distancia para ajustar la dirección arriba/abajo del flujo de aire. Si mueve la aleta de dirección del flujo de aire manualmente, podría dañar el aparato.
- Cuando se apaga la unidad, la aleta de dirección del aire arriba/abajo cierre la salida de aire del sistema.

Control de dirección de aire izquierda/derecha (opcional)

El flujo de aire a izquierda/derecha (horizontal) se puede ajustar con el mando a distancia.

1. Pulse el botón encendido/apagado para poner en funcionamiento la unidad.
2. Pulse el botón de dirección IZQUIERDA/DERECHA y las aletas oscilarán a izquierda y derecha. Pulse el botón de control del flujo de aire horizontal de nuevo para ajustar la aleta horizontal en la dirección deseada.



❊ La función arriba/abajo e izquierda/derecha no se muestra en la pantalla del mando a distancia.

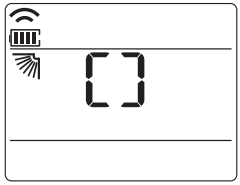
Control de ángulo de aletas individual (opcional)

Es la función que permite controlar 4 ángulos de aleta individualmente en el grupo de productos de cassette de 4 direcciones para techo.

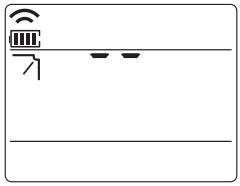
1 Pulse el botón VANE ANGLE. Parpadeará el símbolo de control individual del ángulo de las aletas.



• Si pulsa el botón VANE ANGLE durante 2 segundos, todas las aletas se moverán a su ángulo estándar.



2 Ajuste el ángulo de cada aleta pulsando el botón VANE ANGLE.
- Cada vez que se pulsa el botón TEMPERATURE SETTING, se muestran los valores de ángulo y ajuste de la aleta correspondiente.
- Cuando se pulsa el botón, la pantalla aparece como en la figura de la derecha, y el ángulo se puede ajustar a 1-6.



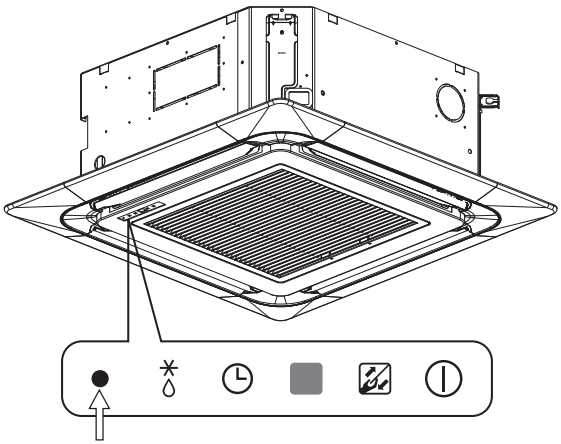


- Puede haber diferencias entre los valores de ajuste de los ángulos de las aletas y las direcciones de los orificios de descarga.
- Ajuste el ángulo deseado con la comprobación del movimiento del ángulo de la aleta del producto.
- El control individual del ángulo de las aletas es una función añadida del producto y puede no funcionar en algunos productos.

Funcionamiento Forzado

La operación forzada se usa cuando no puede usarse el control remoto. La operación comenzará cuando se pulse el botón ON/OFF (ENCENDIDO/APAGADO). Si desea detener la operación, vuelva a pulsar el botón.

[Tipo casete de techo]



	Modelo con bomba de calor		
	Temp. de sala ≥24°C(75.2°F)	**21°C(69.8°F) ≤ Temp. de sala < 24°C(75.2°F)**	**Temp. de sala < 21°C(69.8°F)**
Modo de funcionamiento	Refrigeración	Deshumidificación saludable	Calefacción
Velocidad de ventilador de interior	Alto	High	Alto
Selección de temperatura	22°C(71.6°F)	23°C(73.4°F)	24°C(75.2°F)

Funcionamiento de prueba

Durante el FUNCIONAMIENTO DE PRUEBA, la unidad funcionará en modo refrigeración con una velocidad de ventilador alta, independientemente de la temperatura de la sala y se reiniciará a los 18 minutos. Durante el funcionamiento de prueba, si se recibe señal del control remoto, la unidad funcionará con las órdenes del control remoto. Si desea usar esta operación, mantenga pulsado el botón ON/OFF (ENCENDIDO/APAGADO) durante 3~5 segundos y podrá oír un pitido. Si desea detener la operación, vuelva a pulsar el botón.

Función de reinicio automático

Esta función es útil en caso de un fallo eléctrico.
Cuando se recupere la alimentación, esta función recupera la situación de funcionamiento anterior y el aire acondicionado funcionará con la misma configuración.

NOTA

Esta función está habilitada de forma predeterminada de fábrica pero puede deshabilitarla pulsando el botón ON/OFF (ENCENDIDO/APAGADO) durante 8 segundos. La unidad emitirá dos pitidos y el indicador azul parpadeará 6 veces. Para habilitarlo, pulse el botón de nuevo durante 6 segundos. La unidad emitirá dos pitidos y el indicador azul parpadeará 4 veces.

Mantenimiento y servicio

⚠ ATENCIÓN

Antes de realizar labores de mantenimiento, desconecte la alimentación del sistema, cierre el interruptor y desenchufe el cable de alimentación.

Tipo casete de techo

Parilla, carcasa y mando a distancia

❒ Apague el sistema antes de limpiar. Para limpiar, utilice un paño suave y seco. No utilice lejía ni productos abrasivos.

NOTA

La alimentación debe estar desconectada antes de limpiar la unidad interior.

Filtros de aire

Los filtros del aire de detrás de la parrilla frontal deberían verificarse y limpiarse una vez cada 2 semanas o más frecuentemente si es necesario.



■ No utilice nunca nada de lo siguiente:

- Agua más caliente de 40°C. Podría deformar y/o decolorar.
- Substancias volátiles. Podrían dañarse las superficies del aire acondicionado.



1 **Saque los filtros de aire.**

■ Tome la pestaña y jale de ella hacia adelante para extraer el filtro.

PRECAUCIÓN: Cuando haya que retirar el filtro del aire, no toque las partes metálicas de la unidad interior. Podría ocasionar daños.

2 **Limpie la suciedad del filtro del aire mediante una aspiradora o lavándolo con agua.**

■ Si queda suciedad oculta, lave con detergente neutro en agua tibia

■ Si se usa agua caliente (50°C o más), podría deformarse el aparato.

3 **Después de lavar con agua, séquelo bien a la sombra.**

■ No exponga el filtro del aire a la luz solar directa o al calor de un fuego para secarlo.

4 **Instale el filtro de aire.**

Sugerencias

No enfríe demasiado el habitáculo.

Esto no es sano para su salud y además representa un derroche de electricidad.

Mantenga cerradas cortinas y persianas.

No permita que la luz directa del sol entre en el habitáculo mientras el aire acondicionado se encuentre en funcionamiento.

Mantenga uniforme la temperatura del habitáculo.

Ajuste la dirección del flujo de aire vertical y horizontal para asegurar una temperatura uniforme en todo el habitáculo.

Asegúrese que las puertas y ventanas estén bien cerradas.

En lo posible, vite abrir puertas y ventanas para mantener el aire frío en el interior del habitáculo.

Limpie el filtro de aire con regularidad.

Las obstrucciones en el filtro de aire reducen el flujo de aire y reduce los efectos de enfriamiento y deshumidificación. Límpielo al menos cada dos semanas.

Ventile el habitáculo ocasionalmente.

Como las ventanas permanecen cerradas, es buena idea abrirlas para ventilar el cuarto de vez en cuando.

Configure el ventilador a alta velocidad para lograr un enfriamiento rápido y eficaz.

Cuando la velocidad del ventilador sea alta, la unidad proporcionará su capacidad nominal de enfriamiento.



LG Customer Information Center

888-865-3026 USA, press #2 for PTAC, TTW
888-865-3026 USA, press #3 for DFS, Multi V
1-888-LG-Canada CANADA

Register your product Online!

www.lge.com

LGEUS
LG Electronics, Air conditioning Division
1000 Sylvan Ave., Englewood Cliffs, NJ 07632

LGECI
LG ELECTRONICS CANADA INC.
20 NORELCO DRIVE.
NORTH YORK, ONTARIO M9L 2X6.



US	1. Please call the installing contractor of your product, as warranty service will be provided by them. 2. If you have service issues that have not been addressed by the contractor, please call 1-888-865-3026.
CANADA	Service call Number # : (888) LG Canada, (888) 542-2623