Job Name/Location:

Tag No:

Resubmit

ife's Good

Operating Range:

Cooling (°F DB)

Unit Data: **Refrigerant Type**

Compressor: Type

Quantity Oil / Type

Quantity

Notes:

3745

only.

Motor / Drive

Max. Airflow Rate (CFM)

2. Piping lengths are equivalent.

LMU183HV: 16.4 ft. x 2 = 32.8 ft. LMU243HV: 16.4 ft. x 3 = 49.2 ft. LMU303HV: 16.4 ft. x 4 = 65.6 ft.

LMU363HV: 16.4 ft. x 4 = 65.6 ft.

1. Acceptable operating voltage: 187V - 253V.

3. Sound pressure levels are tested in an anechoic chamber under ISO Standard

5. Power wiring size must comply with the applicable local and national codes. 6. This data is rated 0 ft. above sea level, with 0 ft. level difference between outdoor

and indoor units, and the following refrigerant pipe lengths:

All capacities are net with a combination ratio between 95 - 105%.

8. Refer to the Combintion Data Manual for combination capacity tables.

9. See the Performance Data Manual for sensible and latent capacities.

7. Must follow installation instructions in the applicable LG installation manual.

4. All power / communication cable to be minimum 14 AWG, 4-conductor, stranded, shielded or unshielded wire, and must comply with applicable local and national codes. If shielded, the wire must be grounded to the chassis at the outdoor unit

Fan: Type

Heating (°F WB)

Refrigerant Control

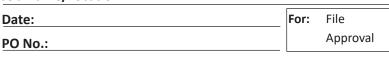
Net / Shipping Weight (lbs.)

Maximum No. of Indoor Units

Heat Exchanger Coating Minimum No. of Indoor Units

Sound Pressure (Cool / Heat) ±1 dB(A)³

Other



Mech:

(Project Manager)



14 to 118

-4 to +64

R410A

101.4 / 110.2

Gold Fin™

Twin Rotary

FVC68D

Propeller

Brushless Digitally Controlled/Direct

1

1.766

EEV 50/54

2

3

Architect: GC:

Engr:

Rep: (Company)

LMU243HV

Multi F Inverter Heat Pump Outdoor Unit

Performance:

Cooling Capacity (MinRated-Max., Btu/h)		8,400~24,000~	-25,000
Heating Capacity (MinRated-Max.	, Btu/h)	10,080~24,600-	-29,000
Max. Heating Capacity at 5°F (Btu/	h)		18,400
Max. Heating Capacity at 0°F (Btu/	h)		16,730
Max. Heating Capacity at -4°F (Btu/h)			15,400
EER2			12.5
SEER2			22.5
COP			4.2
HSPF2			9.4
Cooling Nominal Test Conditions:	Heating Nominal		
Indoor: 80°F DB / 67°F WB Outdoor: 95°F DB / 75°F WB	Indoor: 70°F DB / Outdoor: 47°F DB		

Electrical:

Power Supply (V/Hz/Ø) ¹	208-230V, 60,	, 1
MOP (A)		20
MCA (A)	16	6.0
Recommended Fuse Size (A)	2	20
Cooling Rated Amps (A)	13	3.0
Heating Rated Amps (A)	13	3.0
Compressor (A)	12	2.0
Fan Motor (A)	0.4	40
Locked Rotor Amps (A)	16	5.0
MOP - Maximum Overcurrent Protection	MCA - Minimum Circuit Ampacity	

MOP - Maximum Overcurrent Protection

Piping:

Refrigerant Charge (lbs.)	3.97
Liquid Line Connection (in., O.D.)	1/4 x 3
Vapor Line Connection (in., O.D.)	3/8 x 3
Maximum Total Piping ² (ft.)	230.0
Min. / Max. ODU to IDU Piping (ft.)	9.8 / 82.0
Piping Length (no add'l refrigerant, ft.)	98.4
Maximum Elevation between ODU and IDU (ft.)	49.2
Maximum Elevation between IDU and IDU (ft.)	24.6

ODU = Outdoor Unit

Features:

- Auto operation
- Auto restart
- Inverter (variable speed compressor)
- Defrost / Deicing

Optional Accessories:

□ PI-485 - PMNFP14A1 □ MultiSITE Comm. Mgr. -**PBACNBTROA** AC Smart 5 - PACS5A000 \square ACP 5 - PACP5A000 □ Power Distribution Indicator (PDI) Premium - PONUD1S41

IDU = Indoor Unit

- Restart delay (three [3] minutes)
- Self diagnosis
- Soft start
- Low ambient cooling down to 14°F

□ Mobile LGMV - PLGMVW100 Drain Pan Heater - PQSH1203 Low Ambient Baffle Kit (Cooling operation to -4°F) - ZLABGP03A



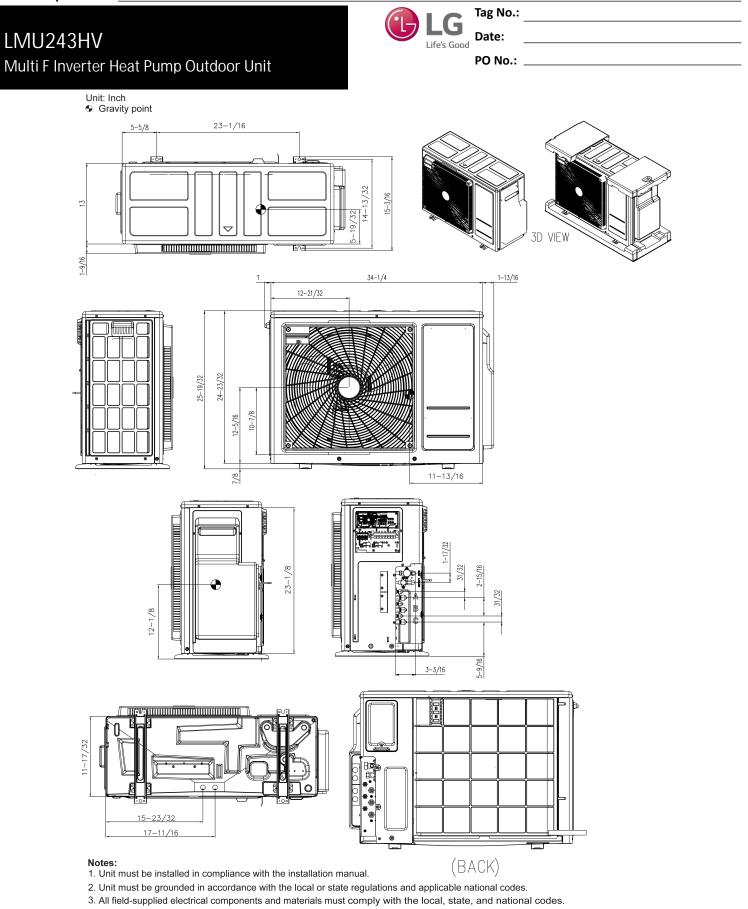




For a complete list of available accessories, contact your LG representative.

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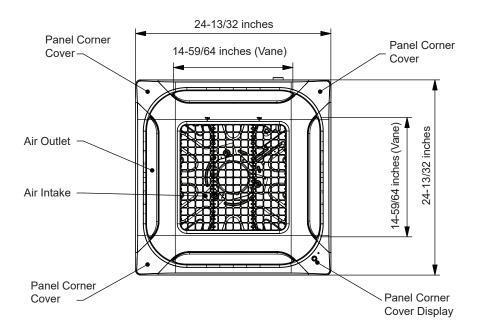
- 4. Electrical characteristics must be considered for electrical work and design. The capacity of power cable and circuit breaker for the outdoor unit must follow local, state, national, and manufacturer requirements.
- 5. For LMU183HV Unit, ports A and B are available.
- 6. For LMU243HV Unit, ports A, B, and C are available.

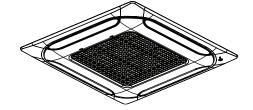
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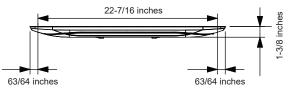
Job Name/Location:				Tag No.:
Date:	For:	File	Resubmit	
PO No.:		Approval	Other	•
Architect:	GC:			
Engr:	Mech:			
Rep: (Company)	(Project Manager)			
PT-QAGW0 2' x 2' Cassette Panel For Multi V™/Single-Zone /Multi F 4-Way Ceilin	ng-Cassette Indoo	r Units	Life's Good	•.c

Unit Data:

Color	White
RAL Color Code	RAL 9003
RGB Color Code	236 - 236 - 231
Material	ABS XG571
Net Dimensions (W x H x D, in.)	24-13/32 x 1-3/8 x 24-13/32
Shipping Dimensions	
(W x H x D, in.)	27-/32 x 5 x 26-1/2
Net Weight (lbs.)	6.3
Shipping Weight (lbs.)	8.6
Display LED Color	Green
Filter	Washable







Job	Name/	Location:
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	-
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Date:	

PO	No.	
гU	INO.	

Architect:

Engr:

Rep:

(Company)

LCN098HV4

Multi F Ceiling Cassette Indoor Unit 9,000 Btu/h

Performance:

l'enormanee.	
Nominal Cooling Capacity (Btu/h)	9,000
Nominal Heating Capacity (Btu/h)	10,400
Cooling Nominal Test Conditions: ndoor: 80°F DB / 67°F WB Dutdoor: 95°F DB / 75°F WB	Heating Nominal Test Conditions: Indoor: 70°F DB / 60°F WB Outdoor: 47°F DB / 43°F WB
Electrical:	
Power Supply (V ¹ /Hz/Ø)	208-230/60/1
Rated Amps (A)	0.25
Piping:	
Installed Liquid Pipe (in., O.D.)	ø1/4
Installed Vapor Pipe (in., O.D.)	ø3/8
Liquid Connection (in., O.D.)	ø1/4
Vapor Connection (in., O.D.)	ø3/8
Drain (in., O.D. / I.D.)	1-1/4, 1
Temperature Sensor	Thermistor
Controls Features:	
 Two thermistor control 	 Group control
 24-Hour on / off timer 	 Inverter (variable speed fan)
 Auto operation 	• Jet cool
Auto restart	 Compatible with accessory Wi-Fi
Chaos swing	module
Control lock function	Compatible with applicable
Drain pump	Single Zone Outdoor Units (see
	single zone literature for matching
Included Accessories:	system details)
Wireless Remote Controller — Ak	B73757604
Required Accessories:	
🗆 Grille Kit (27-9/16" x 27-9/16") - F	ንT-UQC, or
🗆 Grille Kit (24-7/16" x 24-7/16") - F	?Т-QСНW0
Optional Accessories:	
☐ MultiSITE™ CRC1 Controller - PRE	EMTBVCO
⊐ MultiSITE™ CRC1+ Controller - PF	REMTBVC1
☐ Simple Remote Controller - PREM	1TC00U
🗆 Premium Remote Controller - PR	EMTA000
□ AC Smart Premium - PQCSW421E	E0A
☐ ACP Premium - PQCPC22A1	
☐ ACP Standard - PQCPC22N1	
□ LonWorks® Gateway* - PQNFB16	5A1
BACnet [®] Gateway* - PQNFB17C1	
Remote Temperature Button Sen	sor - ZRTBS01
Simple Dry Contact (1 contact, 24	4 VAC external power) - PDRYCB100
Dry Contact for Third Party Thern	nostat - PDRYCB300
Dry Contact for Economizer - PDF	{YCB400
□ Plasma Filter Kit - PTPKQ0	

Approval Other_ GC:

File

For:

Mech:

(Project Manager)





Resubmit

Entering Mixed Air:

Cooling (°F DB)	57 ~ 77
Heating (°F WB)	59 ~ 81

Unit Data:

R410A
EEV
36 / 33 / 30
Washable Pre-filter
29
34
7
9

Fan:

Туре	Turbo
Quantity	1
Motor/Drive	Brushless Digitally Controlled/Direct
Air Flow H/M/L (CFM)	300 / 265 / 230

Notes:

IN OLES:
I. Acceptable operating voltage: 187V-253V.
Sound Pressure levels are tested in an anechoic chamber under ISO Standard 3745.
Removable Washable Filter size: 14" x 14" x 1".
See Engineering Manual for sensible and latent capacities.
All communication / connection (power) cable from the outdoor unit to the indoor unit is field supplied and must be a minimum of four-conductor, 18 AWG, stranded, shielded or unshielded (if shielded, it must be a minimum of four-conductor, 18 AWG, stranded, shielded or unshielded (if shielded, it must be a minimum of four-conductor, 18 AWG, stranded, shielded or unshielded (if shielded, it must be a minimum of four-conductor, unit and), and must complex with an another unit and and codes.

and must be a minimum of non-conductor, 12 Awys, standed, sinded, of minimum of minimum of the det, it must be grounded to the chassis of the outdoor unit only), and must comply with applicable local and national codes. 6. Power wiring cable size must comply with the applicable local and national code. 7. The indoor unit comes with a dry helium charge. 8. Corresponding refrigerant piping length is in accordance with standard length of each outdoor unit and the level difference is 0 ft. All capacities are net with a combination ratio between 95 - 105%. 9. Must follow installation instructions in the applicable LG installation manual.





Unitary Small HP AHRI Standard 210/240 Certification applies only when the complete system is listed with AHRI.

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For a complete list of available accessories, contact your LG representative.

□ Auxiliary Heater Kit - PRARH1 🗆 Wi-Fi Module - PWFMDD200

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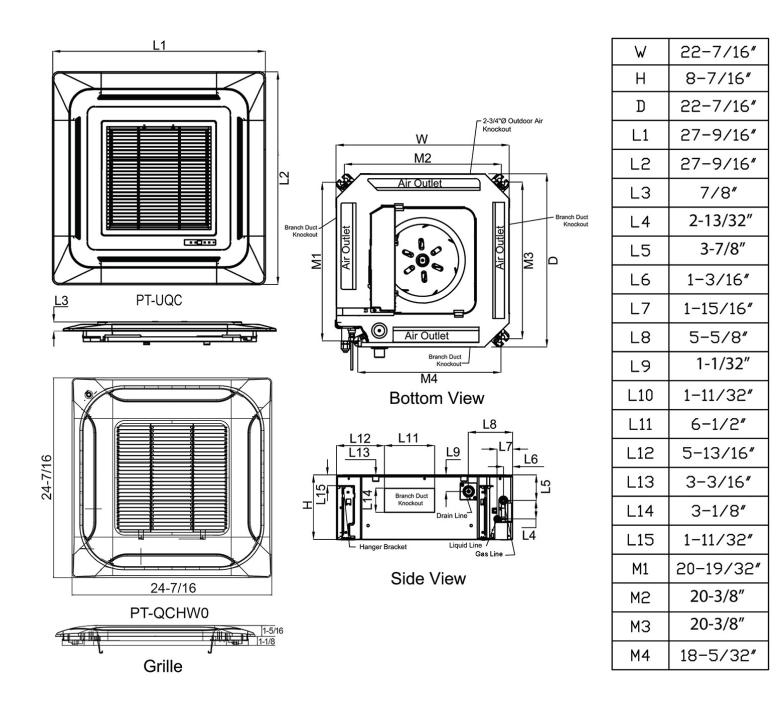
SB_MultiF_FourWayCassette_LCN098HV4_2018_11_16_133735 Page 1 of 2 Job Name/Location:

LCN098HV4 Multi F Ceiling Cassette Indoor Unit 9.000 Btu/h



Tag No.: _ Date: _

PO No.: _



Job	Name/	Location:
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Da	to	,
νa	ιe	1

PO No.:

Architect:

Engr:

Rep:

(Company)

(Project Manager)

Mech:

GC:

For:

File

Approval



Resubmit

Other_

Tag #:

Entering Mixed Air:

Cooling (°F DB)	57 ~ 77
Heating (°F WB)	59 ~ 81

Unit Data:

Refrigerant Type	R410A
Refrigerant Control	EEV
Sound Pressure (H/M/L) dB(A) ²	38 / 35 / 32
Primary Filter ³	Washable Pre-filter
Net Weight (lbs.)	29
Shipping Weight (lbs.)	34
Grille Net Weight (lbs.)	7
Grille Shipping Weight (lbs.)	9

Fan:

Туре	Turbo
Quantity	1
Motor/Drive	Brushless Digitally Controlled/Direct
Air Flow H/M/L (CFM)	335 / 283 / 247

Notes:

IN OLCES:
1. Acceptable operating voltage: 187V-253V.
2. Sound Pressure levels are tested in an anechoic chamber under ISO Standard 3745.
3. Removable Washable Filter size: 14" x 14" x 1".
4. See Engineering Manual for sensible and latent capacities.
5. All communication / connection (power) cable from the outdoor unit to the indoor unit is field supplied and must be a minimum of four-conductor, 18 AWG, stranded, shielded or unshielded [if shielded, it must be a minimum of four-conductor, 18 AWG, stranded, shielded or unshielded [if shielded, it must be a minimum of the evidence with a bit and remet whether the primeric and the strand primeric and strand prime

and must be a minimum or non-conductor, to a wws, stranded, stranded or instituted of instituted, it must be grounded to the chassis of the outdoor unit only), and must comply with applicable local and national codes. 6. Power wiring cable size must comply with the applicable local and national code. 7. The indoor unit comes with a dry helium charge. 8. Corresponding refrigerant piping length is in accordance with standard length of each outdoor unit and the level difference is 0 ft. All capacities are net with a combination ratio between 95 - 105%. 9. Must follow installation instructions in the applicable LG installation manual.





Unitary Small HP AHRI Standard 210/240 Certification applies only when the complete system is listed with AHRI.

Performance:

12,000 Btu/h

LCN128HV4

Multi F Ceiling Cassette Indoor Unit

Nominal Cooling Capacity (Btu/h)	12,000
Nominal Heating Capacity (Btu/h)	13,800
Cooling Nominal Test Conditions: Indoor: 80°F DB / 67°F WB Dutdoor: 95°F DB / 75°F WB	Heating Nominal Test Conditions: Indoor: 70°F DB / 60°F WB Outdoor: 47°F DB / 43°F WB
Electrical:	
Power Supply (V¹/Hz/Ø)	208-230/60/1
Rated Amps (A)	0.25
Piping:	
Installed Liquid Pipe (in., O.D.)	ø1/4
Installed Vapor Pipe (in., O.D.)	ø3/8
Liquid Connection (in., O.D.)	ø1/4
Vapor Connection (in., O.D.)	ø3/8
Drain (in., O.D. / I.D.)	1-1/4, 1
Temperature Sensor	Thermistor
Controls Features:	
 Two thermistor control 	 Group control
 24-Hour on / off timer 	 Inverter (variable speed fan)
 Auto operation 	• Jet cool
Auto restart	Compatible with accessory Wi-F
Chaos swing	module
Control lock function	Compatible with applicable
Drain pump	Single Zone Outdoor Units (see
	single zone literature for matching
ncluded Accessories:	system details)
Wireless Remote Controller — Ak	(B73757604
Required Accessories:	
□ Grille Kit (27-9/16" x 27-9/16") - I	
□ Grille Kit (24-7/16" x 24-7/16") - I	PT-QCHW0
Optional Accessories:	
☐ MultiSITE™ CRC1 Controller - PRI	
☐ MultiSITE™ CRC1+ Controller - PI	
Simple Remote Controller - PREN	
Premium Remote Controller - PR	
AC Smart Premium - PQCSW421	EOA
ACP Premium - PQCPC22A1	
ACP Standard - PQCPC22N1	
LonWorks [®] Gateway* - PQNFB16	
BACnet [®] Gateway* - PQNFB17C1	
Remote Temperature Button Sen	sor - ZRTBS01

- □ Simple Dry Contact (1 contact, 24 VAC external power) PDRYCB100
- Dry Contact for Third Party Thermostat PDRYCB300
- □ Dry Contact for Economizer PDRYCB400
- □ Plasma Filter Kit PTPKQ0
- □ Auxiliary Heater Kit PRARH1
- UWi-Fi Module PWFMDD200

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For a complete list of available accessories, contact your LG representative.

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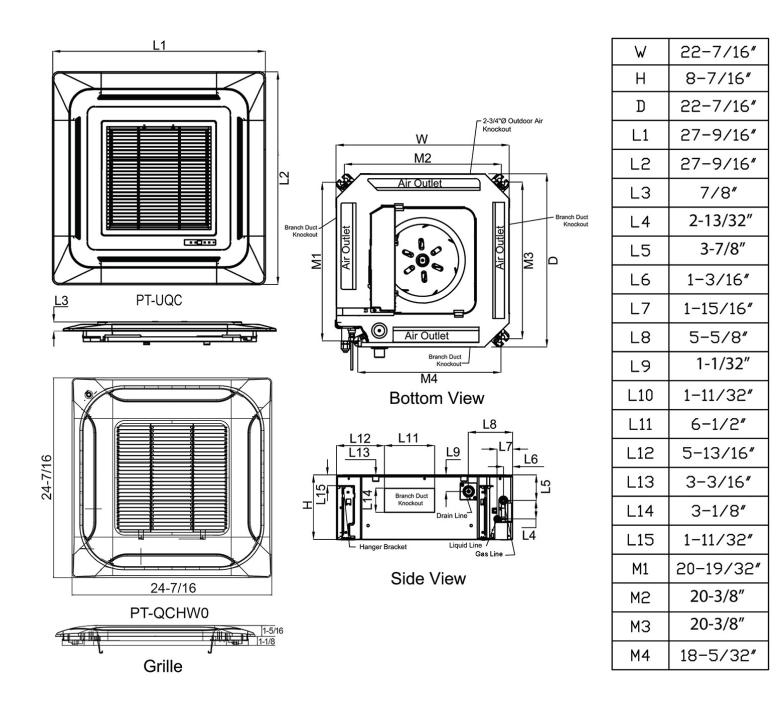
Job Name/Location:

LCN128HV4 Multi F Ceiling Cassette Indoor Unit 12.000 Btu/h



Tag No.: _ Date: _

PO No.: _



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Job N	lame/	Location:
-------	-------	-----------

Date:

PO No.:

Architect:

Engr:

Rep:

(Company)

LMCN078HV

Multi F Ceiling Cassette Indoor Unit 7,000 Btu/h

Performance:

r chronnance.		
Nominal Cooling Capacity (Btu/h)		7,000
Nominal Heating Capacity (Btu/h)		8,100
Cooling Nominal Test Conditions: Indoor: 80°F DB / 67°F WB Outdoor: 95°F DB / 75°F WB	Heating Nominal Test Conditions: Indoor: 70°F DB / 60°F WB Outdoor: 47°F DB / 43°F WB	
Electrical:		
Power Supply (V ¹ /Hz/Ø)	208-2	230/60/1
Rated Amps (A)		0.25
Piping:		
Installed Liquid Pipe (in., O.D.)		ø1/4
Installed Vapor Pipe (in., O.D.)		ø3/8
Liquid Connection (in., O.D.)		ø1/4
Vapor Connection (in., O.D.)		ø3/8
Drain (in., O.D. / I.D.)		1-1/4, 1
Temperature Sensor	Th	ermistor
Controls Features:		
 Two thermistor control 	 Group control 	
• 24-Hour on / off timer	 Inverter (variable speed 	fan)
 Auto operation 	 Jet cool 	
Auto restart	Compatible with access	ory Wi-Fi
 Chaos swing 	module	

- Control lock function
- Drain pump

Included Accessories:

Wireless Remote Controller — AKB73757604

Required Accessories:

Grille Kit (27-9/16" x 27-9/16") - PT-UQC, or Grille Kit (24-7/16" x 24-7/16") - PT-QCHW0

Optional Accessories:

- □ MultiSITE[™] CRC1 Controller PREMTBVC0
- □ MultiSITE[™] CRC1+ Controller PREMTBVC1
- □ Simple Remote Controller PREMTC00U
- Premium Remote Controller PREMTA000
- □ Remote Temperature Button Sensor ZRTBS01
- □ Simple Dry Contact (1 contact, 24 VAC external power) PDRYCB100
- Dry Contact for Third Party Thermostat PDRYCB300
- □ Dry Contact for Economizer PDRYCB400 □ Auxiliary Heater Kit - PRARH1
- UWi-Fi Module PWFMDD200





Unitary Small HP AHRI Standard 210/240 Certification applies only when the complete sy s listed with AHRI

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(Project Manager)

GC:

Mech:

For:

File

Approval



Resubmit

Other_

Entering Mixed Air:

Cooling (°F WB)	57 ~ 77
Heating (°F DB)	59 ~ 81

Unit Data:

Refrigerant Type	R410A
Refrigerant Control	EEV
Sound Pressure (H/M/L) dB(A) ²	31 / 27 / 24
Primary Filter ³	Washable Pre-filter
Net Weight (lbs.)	26
Shipping Weight (lbs.)	31
Grille Net Weight (lbs.)	7
Grille Shipping Weight (lbs.)	9

Fan:

Туре	Turbo
Quantity	1
Motor/Drive	Brushless Digitally Controlled/Direct
Air Flow H/M/L (CFM)	265 / 212 / 177

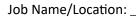
Notes:

NOLES:
1. Acceptable operating voltage: 187V-253V.
2. Sound Pressure levels are tested in an anechoic chamber under ISO Standard 3745.
3. Removable Washable Filter size: 14" x 14" x 1".
4. See Engineering Manual for sensible and latent capacities.
5. All communication / connection (power) cable from the outdoor unit to the indoor unit is field supplied and must be a minimum of four-conductor, 18 AWG, stranded, shielded or unshielded (if shielded, it must be converded to the absence of the outdoor unit on the network of the stranded of the strande

and must be a minimum or non-conductor, to a wws, stranded, stranded or instituted of instituted, it must be grounded to the chassis of the outdoor unit only), and must comply with applicable local and national codes. 6. Power wiring cable size must comply with the applicable local and national code. 7. The indoor unit comes with a dry helium charge. 8. Corresponding refrigerant piping length is in accordance with standard length of each outdoor unit and the level difference is 0 ft. All capacities are net with a combination ratio between 95 - 105%. 9. Must follow installation instructions in the applicable LG installation manual.

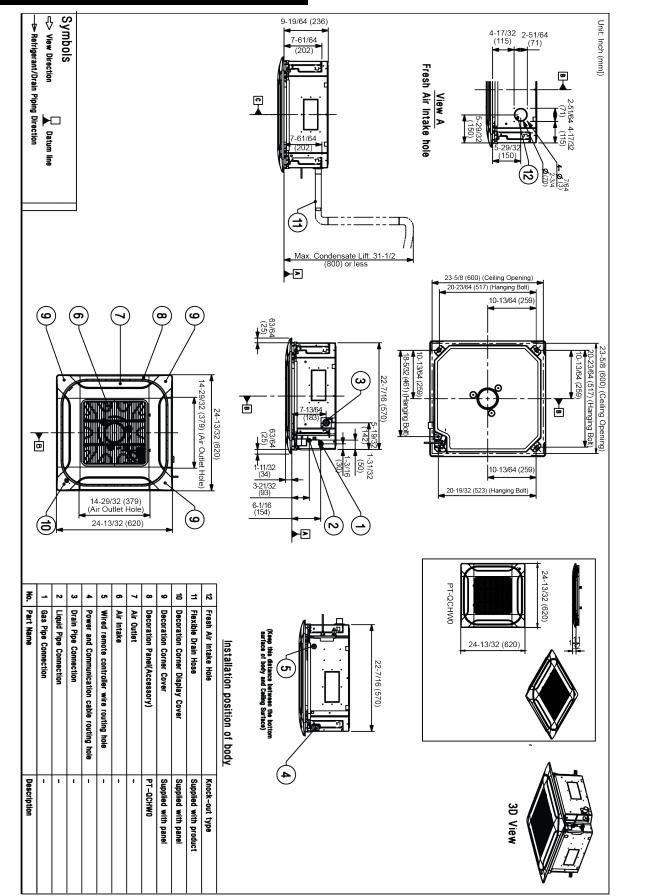
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LMCN078HV Multi F Ceiling Cassette Indoor Unit 7.000 Btu/h LG Tag No.: Date:

Life's Good PO No.:



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