### MLZ-KP09NA2 9.000 BTU/H EZ FIT CEILING CASSETTE



Job	Name:
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System Reference: Date:



#### **GENERAL FEATURES**

- · Fits between 16" joists spacing
- Stylish, square design panel
- Built-in condensate lift mechanism (19.6")
- · Serviceable from the bottom (electrical and flare connections)
- · Adjustable fan speeds and vane directions
- · Washable antibacterial and deodorizing filter
- · Multiple control options available:
  - o Hand-held Remote Controller (provided with unit)
  - o kumo cloud<sup>®</sup> smart device app for remote access
  - o Third-party interface options
  - o Wired or wireless controllers
- Pocket inside the access panel for kumo cloud® Wireless Interface

	Specifications		System
Unit Type			MLZ-KP09NA2
Cooling Capacity <sup>1, 3</sup>	cooling Capacity <sup>1, 3</sup> BTU/H		9,000
Heating Capacity <sup>2, 3</sup>		BTU/H	12,000
	Voltage, Phase, Frequency	tage, Phase, Frequency	
	Guaranteed Voltage Range	VAC	187- 253V
Electrical	Voltage: Indoor - Outdoor, S1-S2	VAC	208/230
	Voltage: Indoor - Outdoor, S2-S3	V DC	24
	Short-circuit Current Rating [SCCR]	kA	5
	MCA	A	1.0
	Fan Motor Full Load Amperage	A	0.68
	Airflow Rate at Cooling, Dry	CFM	212–247–282–311
	Airflow Rate at Cooling, Wet	CFM	180–216–240–264
	Airflow Rate at Heating, Dry	CFM	212–247–290–325
	Sound Pressure Level [Cooling]	dB[A]	27–31–34–38
	Sound Pressure Level [Heating]	dB[A]	26-29-34-37
Indoor Unit	Drain Pipe Size	In. [mm]	1-1/4 [32]
	Condensate Lift Mechanism, Maximum Distance	In. [mm]	19-11/16 [500]
	Coating on Heat Exchanger	Coating on Heat Exchanger	
	External Finish Color	External Finish Color	
	Unit Dimensions	W x D x H: In. [mm]	43-3/8 x 14-3/16 x 7-5/16 [1,102 x 360 x 185]
	Package Dimensions	W x D x H: In. [mm]	46-5/16 x 15-3/4 x 11-1/8 [1,177 x 400 x 284]
	Unit Weight	Lbs. [kg]	34 [15.5]
	Package Weight	Lbs. [kg]	41 [19.0]
Refrigerant	Туре		R410A
Dining	Gas Pipe Size O.D. [Flared]	In.[mm]	3/8 [9.52]
Piping	Liquid Pipe Size O.D. [Flared]	In.[mm]	1/4 [6.35]

NOTES: Conditions

¹Cooling (Indoor // Outdoor) ²Heating at 47°F (Indoor // Outdoor)

<sup>&</sup>lt;sup>3</sup>Capacity varies based on the number of indoor units operating and the model of the Multi-zone Outdoor Unit. For reference to connected capacity charts, please refer Multi-zone Outdoor Unit Operational Performance.:

# **INDOOR UNIT ACCESSORIES: MLZ-KP09NA2**

	BACnet <sup>®</sup> and Modbus <sup>®</sup> Interface	PAC-UKPRC001-CN-1
	CN24 Relay Kit	CN24RELAY-KIT-CM3
	IT Extender	PAC-WHS01IE-E
	kumo station® for kumo cloud®	PAC-WHS01HC-E
Control Interface	Lockdown bracket for remote controller	RCMKP1CB
Control Interface	System Control Interface	MAC-334IF-E
	Thermostat Interface	PAC-US444CN-1
	Thermostat Interface	PAC-US445CN-1
	USNAP Adapter	PAC-WHS01UP-E
	Wireless Interface for kumo cloud®	PAC-USWHS002-WF-2
Remote Sensor	Wired Remote Sensor	M21EAA307
Remote Sensor	Wireless temperature and humitity sensor for kumo cloud®	PAC-USWHS003-TH-1
	Deluxe Wired MA Remote Controller <sup>†</sup>	PAR-40MAAU
Wired Remote Controller	Simple MA Remote Controller <sup>†</sup>	PAC-YT53CRAU-J
	Touch MA Controller <sup>†</sup>	PAR-CT01MAU-SB
Wireless Remote Controller	kumo touch™ RedLINK™ Wireless Controller	MHK2
	Blue Diamond (Advanced) Mini Condensate Pump w/ Reservoir & Sensor (208/230V) [recommended]	X87-721
Condensate	Blue Diamond (MicroBlue) Mini Condensate Pump (110/208/230V) up to 18,000 BTU/H	X86-003
	Refco Condensate Pump (100-240 VAC) up to 120,000 BTU/H	COMBI
Disconnect Switch	(30A/600V/UL) [fits 2" X 4" utility box] - Black	TAZ-MS303
Disconnect Switch	(30A/600V/UL) [fits 2" X 4" utility box] - White	TAZ-MS303W
ilter	Anti-allergy Enzyme Filter	MAC-408FT-E
Grille	Grille (required)	MLP-444WU
	15' x 1/4" x 15' / 3/8" Lineset (Twin-Tube Insulation)	MLS143812T-15
ineset	30' x 1/4" x 30' / 3/8" Lineset (Twin-Tube Insulation)	MLS143812T-30
LINESEL	50' x 1/4" x 50' / 3/8" Lineset (Twin-Tube Insulation)	MLS143812T-50
	65' x 1/4" x 65' / 3/8" Lineset (Twin-Tube Insulation)	MLS143812T-65

NOTES:

†Requires MAC-334IF-E

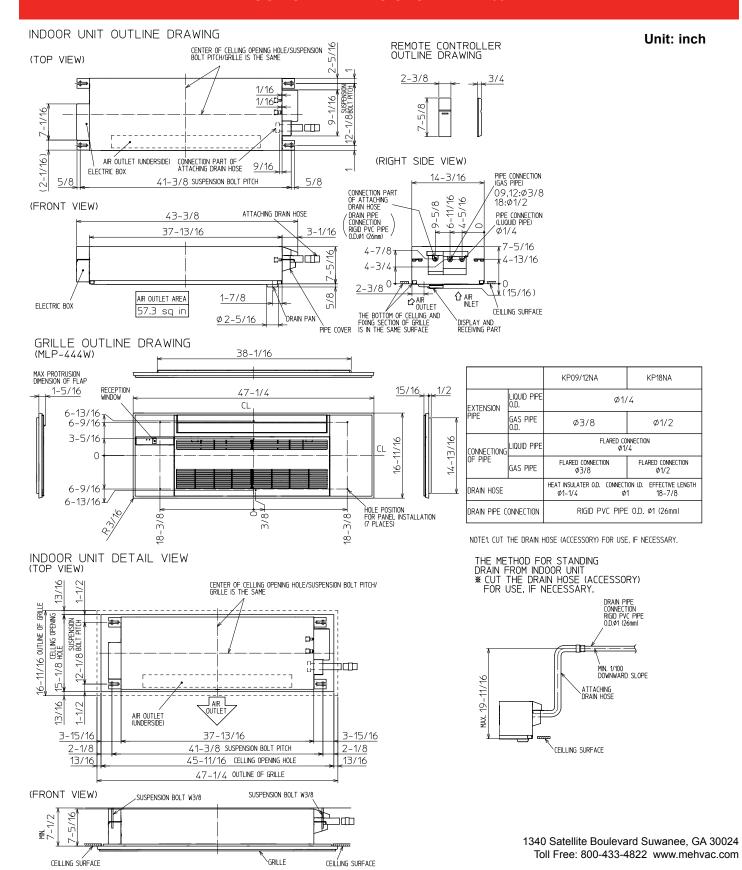
• M-Series EZ FIT® Recessed Ceiling Cassette, Floor-mount and Wall-mount Allows indoor units to connect to an MA Controller:

Deluxe MA Remote Controller

Simple MA Controller

Touch MA Controller

#### INDOOR UNIT DIMENSIONS: MLZ-KP09NA2



FORM# MLZ-KP09NA2-U1 - 202209





## MLZ-KP12NA2 12,000 BTU/H EZ FIT CEILING CASSETTE



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System Reference: Date:



#### **GENERAL FEATURES**

- · Fits between 16" joists spacing
- · Stylish, square design panel
- Built-in condensate lift mechanism (19.6")
- · Serviceable from the bottom (electrical and flare connections)
- · Adjustable fan speeds and vane directions
- · Washable antibacterial and deodorizing filter
- · Multiple control options available:
  - o Hand-held Remote Controller (provided with unit)
  - o kumo cloud® smart device app for remote access
  - o Third-party interface options
  - o Wired or wireless controllers
- Pocket inside the access panel for kumo cloud® Wireless Interface

	Specifications		System
Unit Type			MLZ-KP12NA2
Cooling Capacity <sup>1, 3</sup>	cooling Capacity <sup>1, 3</sup> BTU/H		12,000
Heating Capacity <sup>2, 3</sup>		BTU/H	15,400
	Voltage, Phase, Frequency	age, Phase, Frequency	
	Guaranteed Voltage Range	VAC	187- 253V
Electrical	Voltage: Indoor - Outdoor, S1-S2	VAC	208/230
	Voltage: Indoor - Outdoor, S2-S3	V DC	24
	Short-circuit Current Rating [SCCR]	kA	5
	MCA	A	1.0
	Fan Motor Full Load Amperage	A	0.68
	Airflow Rate at Cooling, Dry	CFM	212-272-297-332
	Airflow Rate at Cooling, Wet	CFM	180-219-252-282
	Airflow Rate at Heating, Dry	CFM	212-272-311-350
	Sound Pressure Level [Cooling]	dB[A]	27-32-36-40
	Sound Pressure Level [Heating]	dB[A]	26-32-36-40
Indoor Unit	Drain Pipe Size	In. [mm]	1-1/4 [32]
	Condensate Lift Mechanism, Maximum Distance	In. [mm]	19-11/16 [500]
	Coating on Heat Exchanger	Coating on Heat Exchanger	
	External Finish Color	External Finish Color	
	Unit Dimensions	W x D x H: In. [mm]	43-3/8 x 14-3/16 x 7-5/16 [1,102 x 360 x 185]
	Package Dimensions	W x D x H: In. [mm]	46-5/16 x 15-3/4 x 11-1/8 [1,177 x 400 x 284]
	Unit Weight	Lbs. [kg]	34 [15.5]
	Package Weight	Lbs. [kg]	41 [19.0]
Refrigerant	Туре		R410A
Dining	Gas Pipe Size O.D. [Flared]	In.[mm]	3/8 [9.52]
Piping	Liquid Pipe Size O.D. [Flared]	In.[mm]	1/4 [6.35]

NOTES: Conditions

¹Cooling (Indoor // Outdoor) ²Heating at 47°F (Indoor // Outdoor)

<sup>&</sup>lt;sup>3</sup>Capacity varies based on the number of indoor units operating and the model of the Multi-zone Outdoor Unit. For reference to connected capacity charts, please refer Multi-zone Outdoor Unit Operational Performance.:

# **INDOOR UNIT ACCESSORIES: MLZ-KP12NA2**

	BACnet <sup>®</sup> and Modbus <sup>®</sup> Interface	PAC-UKPRC001-CN-1
	CN24 Relay Kit	CN24RELAY-KIT-CM3
	IT Extender	PAC-WHS01IE-E
	kumo station® for kumo cloud®	PAC-WHS01HC-E
Control Interface	Lockdown bracket for remote controller	RCMKP1CB
Control Interface	System Control Interface	MAC-334IF-E
	Thermostat Interface	PAC-US444CN-1
	Thermostat Interface	PAC-US445CN-1
	USNAP Adapter	PAC-WHS01UP-E
	Wireless Interface for kumo cloud®	PAC-USWHS002-WF-2
Remote Sensor	Wired Remote Sensor	M21EAA307
Remote Sensor	Wireless temperature and humitity sensor for kumo cloud®	PAC-USWHS003-TH-1
	Deluxe Wired MA Remote Controller <sup>†</sup>	PAR-40MAAU
Wired Remote Controller	Simple MA Remote Controller <sup>†</sup>	PAC-YT53CRAU-J
	Touch MA Controller <sup>†</sup>	PAR-CT01MAU-SB
Wireless Remote Controller	kumo touch™ RedLINK™ Wireless Controller	MHK2
	Blue Diamond (Advanced) Mini Condensate Pump w/ Reservoir & Sensor (208/230V) [recommended]	X87-721
Condensate	Blue Diamond (MicroBlue) Mini Condensate Pump (110/208/230V) up to 18,000 BTU/H	X86-003
	Refco Condensate Pump (100-240 VAC) up to 120,000 BTU/H	COMBI
Disconnect Switch	(30A/600V/UL) [fits 2" X 4" utility box] - Black	TAZ-MS303
Disconnect Switch	(30A/600V/UL) [fits 2" X 4" utility box] - White	TAZ-MS303W
ilter	Anti-allergy Enzyme Filter	MAC-408FT-E
Grille	Grille (required)	MLP-444WU
	15' x 1/4" x 15' / 3/8" Lineset (Twin-Tube Insulation)	MLS143812T-15
ineset	30' x 1/4" x 30' / 3/8" Lineset (Twin-Tube Insulation)	MLS143812T-30
LINESEL	50' x 1/4" x 50' / 3/8" Lineset (Twin-Tube Insulation)	MLS143812T-50
	65' x 1/4" x 65' / 3/8" Lineset (Twin-Tube Insulation)	MLS143812T-65

NOTES:

†Requires MAC-334IF-E

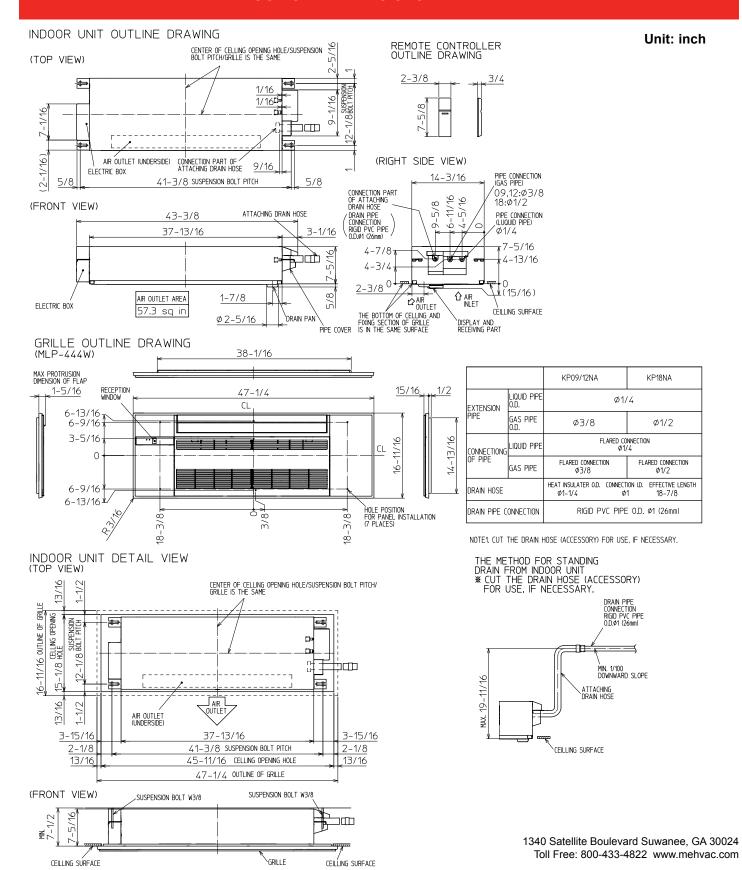
• M-Series EZ FIT® Recessed Ceiling Cassette, Floor-mount and Wall-mount Allows indoor units to connect to an MA Controller:

Deluxe MA Remote Controller

Simple MA Controller

Touch MA Controller

#### INDOOR UNIT DIMENSIONS: MLZ-KP12NA2



FORM# MLZ-KP12NA2-U1 - 202209





### MLZ-KP18NA2 18,000 BTU/H EZ FIT CEILING CASSETTE



Job	Name:
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System Reference: Date:



#### **GENERAL FEATURES**

- · Fits between 16" joists spacing
- · Stylish, square design panel
- Built-in condensate lift mechanism (19.6")
- · Serviceable from the bottom (electrical and flare connections)
- · Adjustable fan speeds and vane directions
- · Washable antibacterial and deodorizing filter
- · Multiple control options available:
  - o Hand-held Remote Controller (provided with unit)
  - o kumo cloud® smart device app for remote access
  - o Third-party interface options
  - o Wired or wireless controllers
- Pocket inside the access panel for kumo cloud® Wireless Interface

	Specifications		System
Unit Type			MLZ-KP18NA2
Cooling Capacity <sup>1, 3</sup>	Cooling Capacity <sup>1,3</sup> BTU/H		18,000
Heating Capacity <sup>2, 3</sup>		BTU/H	20,000
	Voltage, Phase, Frequency	rage, Phase, Frequency	
	Guaranteed Voltage Range	V AC	187- 253V
Electrical	Voltage: Indoor - Outdoor, S1-S2	VAC	208/230
	Voltage: Indoor - Outdoor, S2-S3	V DC	24
	Short-circuit Current Rating [SCCR]	kA	5
	MCA	A	1.0
	Fan Motor Full Load Amperage	A	0.68
	Airflow Rate at Cooling, Dry	CFM	212-311-346-403
	Airflow Rate at Cooling, Wet	CFM	180-249-294-343
	Airflow Rate at Heating, Dry	CFM	212–311–364–417
	Sound Pressure Level [Cooling]	dB[A]	29–36–41–47
	Sound Pressure Level [Heating]	dB[A]	26-37-42-48
Indoor Unit	Drain Pipe Size	In. [mm]	1-1/4 [32]
	Condensate Lift Mechanism, Maximum Distance	In. [mm]	19-11/16 [500]
	Coating on Heat Exchanger	Coating on Heat Exchanger	
	External Finish Color	External Finish Color	
	Unit Dimensions	W x D x H: In. [mm]	43-3/8 x 14-3/16 x 7-5/16 [1,102 x 360 x 185]
	Package Dimensions	W x D x H: In. [mm]	46-5/16 x 15-3/4 x 11-1/8 [1,177 x 400 x 284]
	Unit Weight	Lbs. [kg]	35 [16]
	Package Weight	Lbs. [kg]	42 [19]
Refrigerant	Туре		R410A
Dining	Gas Pipe Size O.D. [Flared]	In.[mm]	1/2 [12.7]
Piping	Liquid Pipe Size O.D. [Flared]	In.[mm]	1/4 [6.35]

NOTES: Conditions

¹Cooling (Indoor // Outdoor) ²Heating at 47°F (Indoor // Outdoor)

<sup>&</sup>lt;sup>3</sup>Capacity varies based on the number of indoor units operating and the model of the Multi-zone Outdoor Unit. For reference to connected capacity charts, please refer Multi-zone Outdoor Unit Operational Performance.:

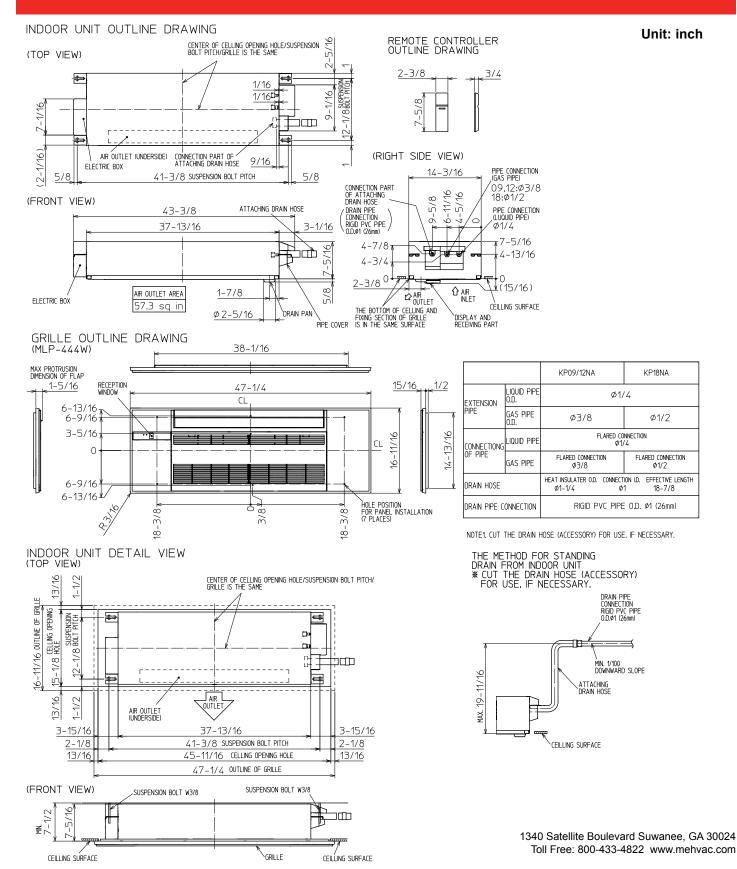
# **INDOOR UNIT ACCESSORIES: MLZ-KP18NA2**

	BACnet® and Modbus® Interface	PAC-UKPRC001-CN-1
	CN24 Relay Kit	CN24RELAY-KIT-CM3
	IT Extender	PAC-WHS01IE-E
	kumo station® for kumo cloud®	PAC-WHS01HC-E
Control Interfese	Lockdown bracket for remote controller	RCMKP1CB
Control Interface	System Control Interface	MAC-334IF-E
	Thermostat Interface	PAC-US444CN-1
	Thermostat Interface	PAC-US445CN-1
	USNAP Adapter	PAC-WHS01UP-E
	Wireless Interface for kumo cloud®	PAC-USWHS002-WF-2
Damata Oanaa	Wired Remote Sensor	M21EAA307
Remote Sensor	Wireless temperature and humitity sensor for kumo cloud®	PAC-USWHS003-TH-1
	Deluxe Wired MA Remote Controller <sup>†</sup>	PAR-40MAAU
Wired Remote Controller	Simple MA Remote Controller <sup>†</sup>	PAC-YT53CRAU-J
	Touch MA Controller†	PAR-CT01MAU-SB
Wireless Remote Controller	kumo touch™ RedLINK™ Wireless Controller	MHK2
	Blue Diamond (Advanced) Mini Condensate Pump w/ Reservoir & Sensor (208/230V) [recommended]	X87-721
Condensate	Blue Diamond (MicroBlue) Mini Condensate Pump (110/208/230V) up to 18,000 BTU/H	X86-003
	Refco Condensate Pump (100-240 VAC) up to 120,000 BTU/H	COMBI
Disconnect Curitab	(30A/600V/UL) [fits 2" X 4" utility box] - Black	TAZ-MS303
Disconnect Switch	(30A/600V/UL) [fits 2" X 4" utility box] - White	TAZ-MS303W
Filter	Anti-allergy Enzyme Filter	MAC-408FT-E
Grille	Grille (required)	MLP-444WU
	100' x 1/4" x 100' / 1/2" Lineset (Twin-Tube Insulation)	MLS141212T-100
	15' x 1/4" x 15' / 1/2" Lineset (Twin-Tube Insulation)	MLS141212T-15
Lineset	30' x 1/4" x 30' / 1/2" Lineset (Twin-Tube Insulation)	MLS141212T-30
	50' x 1/4" x 50' / 1/2" Lineset (Twin-Tube Insulation)	MLS141212T-50
	65' x 1/4" x 65' / 1/2" Lineset (Twin-Tube Insulation)	MLS141212T-65

NOTES:
'Requires MAC-334IF-E

'M-Series EZ FIT® Recessed Ceiling Cassette, Floor-mount and Wall-mount
Allows indoor units to connect to an MA Controller:
Deluxe MA Remote Controller
Simple MA Controller
Touch MA Controller

#### INDOOR UNIT DIMENSIONS: MLZ-KP18NA2



FORM# MLZ-KP18NA2-U1 - 202209



# MXZ-4C36NA3 3-TON MULTI-ZONE INVERTER HEAT-PUMP SYSTEM



Job	N	an	ne:

System Reference: Date:



#### **FEATURES**

- Variable speed INVERTER-driven compressor
- · Optional base pan heater
- Quiet outdoor unit operation as low as 54 dB(A)
- · High pressure protection
- Compressor thermal protection
- · Compressor overcurrent detection
- Fan motor overheating/voltage protection

### **SPECIFICATIONS: MXZ-4C36NA3**

	Maximum Capacity	BTU/H	36,400 // 36,400 // 36,400
	Rated Capacity	BTU/H	35,400 // 34,900 // 34,400
	Minimum Capacity	BTU/H	11,700 // 11,500 // 11,300
Cooling <sup>1</sup> (Non-Ducted // Mix // Ducted)	Maximum Power Input	W	3,960 // 3,960 // 3,960
	Rated Power Input	W	3,760 // 3,850 // 3,940
	Power Factor (208V, 230V)	%	99.0, 99.0 // 99.0, 99.0 // 99.0, 99.0
	Maximum Capacity	BTU/H	43,000 // 43,000 // 43,000
	Rated Capacity	BTU/H	
Heating at 47°F2 (New Dueted // Mix //	• •	BTU/H	36,000 // 35,200 // 34,400
Heating at 47°F <sup>2</sup> (Non-Ducted // Mix // Ducted)	Minimum Capacity	W W	18,300 // 18,800 // 19,300
Zaotou,	Maximum Power Input	W	4,020 // 4,020 // 4,020
	Rated Power Input Power Factor (208V, 230V)	%	3,020 // 3,060 // 3,100
			98.7, 98.7 // 98.8, 98.8 // 98.8, 98.8
Harting at 479F2 (Nam Doorted // Min //	Maximum Capacity	BTU/H	26,600 // 26,600 // 26,600
Heating at 17°F³ (Non-Ducted // Mix // Ducted)	Rated Capacity	BTU/H W	22,400 // 22,400 // 22,400
Buoled)	Maximum Power Input		3,440 // 3,490 // 3,540
	Rated Power Input	W	2,300 // 2,470 // 2,640
Heating at 5°F <sup>4</sup> (Non-Ducted // Mix // Ducted)	Maximum Capacity	BTU/H	24,000 // 24,000 // 24,000
Ducted)	Maximum Power Input	W	3,320 // 3,280 // 3,240
	SEER		19.2 // 17.6 // 16.0
	EER¹		9.41 // 9.07 // 8.73
Effective Aller Door 1 1/14 1/2 1/2	HSPF (IV)		11.0 // 10.4 // 9.8
Efficiency (Non-Ducted // Mix // Ducted)	COP at 47°F <sup>2</sup>		3.5 // 3.37 // 3.25
	COP at 17°F at Maximum Capacity³		2.27 // 2.24 // 2.2
	COP at 5°F at Maximum Capacity⁴		2.12 // 2.14 // 2.17
	ENERGY STAR® Certified		No // No // No
	Electrical Power Requirements	Voltage, Phase, Frequency	208/230, 1, 60
	Guaranteed Voltage Range	V AC	187-253
	Voltage: Indoor - Outdoor, S1-S2	V AC	208/230
	Voltage: Indoor - Outdoor, S2-S3	V DC	24
Electrical	Short-circuit Current Rating (SCCR)	kA	5
	Recommended Fuse/Breaker Size	Α	25
	Recommended Wire Size	AWG	14
	Minimum Circuit Ampacity	A	23.1
	Maximum Overcurrent Protection	A	25
	Fan Motor Full Load Amperage	A	2.43
	Airflow Rate (Cooling / Heating)	CFM	2,287 / 2,382
	Refrigerant Control		LEV
	Defrost Method		Reverse Cycle
	Heat Exchanger Type		Plate fin coil
	Sound Pressure Level, Cooling <sup>1</sup>	dB(A)	54
	Sound Pressure Level, Heating <sup>2</sup>	dB(A)	56
	Compressor Type		DC INVERTER-driven Twin Rotary
	Compressor Model		SNB220FQGMC
	Compressor Rated Load Amps	A	12
Outdoorunit	Compressor Locked Rotor Amps	A	13.7
Outdoor unit	Compressor Oil Type // Charge	OZ.	FV50S // 23.7
	Base Pan Heater		Optional
		W: In. [mm]	37-13/32 [950]
	Unit Dimensions	D: In. [mm]	13 [330]
		H: In. [mm]	31-11/32 [796]
		W: In. [mm]	40-15/16 [1,040]
	Package Dimensions	D: In. [mm]	17-11/16 [450]
		H: In. [mm]	40-11/16 [1,033]
	Unit Weight	Lbs.[kg]	139 [63]
	Package Weight	Lbs.[kg]	159 [72]
	Cooling Intake Air Temp (Maximum / Minimum*A)	°FDB	115 / 14
Outdoor unit operating temperature	Cooling Thermal Lock-out / Re-start Temperatures	°FDB	10.4 / 14
range	Heating Intake Air Temp (Maximum / Minimum)	°FWB	65 / 5
	Heating Thermal Lock-out / Re-start Temperatures	°FDB	1.4 / 5
	Charge	Lbs, oz	6.0, 13.0
D (: .		Ft. [m]	98.0 [30.0]
Retriderant			
Refrigerant	Additional Refrigerant Charge Per Additional Piping Length	oz./Ft. [g/m]	0.216 [20]

NOTES: AHRI Rated Conditions (Rated data is determined at a fixed compressor speed)

¹Cooling (Indoor // Outdoor) °F ²Heating at 47°F (Indoor // Outdoor) °F ³Heating at 17°F (Indoor // Outdoor) °F

80 DB, 67 WB // 95 DB, 75 WB 70 DB, 60 WB // 47 DB, 43 WB 70 DB, 60 WB // 17 DB, 15 WB

Conditions <sup>4</sup>Heating at 5°F (Indoor // Outdoor) 70 DB, 60 WB // 5 DB, 4 WB

For actual capacity performance based on indoor unit type and number of indoor units connected, please refer to MXZ Operational Performance.

Although the maximum connectable capacity is 130%, the outdoor unit cannot provide more than 100% of the rated capacity. Please utilize this over capacity capability for load shedding or applications where it is known that all connected units will NOT be operating at the same time.

<sup>&#</sup>x27;Applications should be restricted to comfort cooling only; equipment cooling applications are not recommended for low ambient temperature conditions. 'A 5°F DB - 115°F DB when optional wind baffles are installed

### **SPECIFICATIONS: MXZ-4C36NA3**

	Maximum Number of Connected IDU		4
Indoor unit connection	Minimum Number of Connected IDU		2
mader unit connection	Minimum connected capacity	BTU/H	12,000
	Maximum connected capacity	BTU/H	42,000
	Liquid Pipe Size O.D. (Flared)	In.[mm]	A,B,C,D: 1/4 [A,B,C,D: 6.35]
	Gas Pipe Size O.D. (Flared)	In.[mm]	A: 1/2; B,C,D: 3/8 [A: 12.72; B,C,D: 9.52]
	Total Piping Length	Ft. [m]	230 [70]
Piping	Maximum Height Difference, ODU above IDU	Ft. [m]	49 [15]
	Maximum Height Difference, ODU below IDU	Ft. [m]	49 [15]
	Farthest Piping Length from ODU to IDU	Ft. [m]	82 [25]
	Maximum Number of Bends for IDU		70

NOTES: AHRI Rated Conditions (Rated data is determined at a fixed compressor speed)

¹Cooling (Indoor // Outdoor) °F ²Heating at 47°F (Indoor // Outdoor) °F ³Heating at 17°F (Indoor // Outdoor) °F

80 DB, 67 WB // 95 DB, 75 WB 70 DB, 60 WB // 47 DB, 43 WB 70 DB, 60 WB // 17 DB, 15 WB

4Heating at 5°F (Indoor // Outdoor)

°F 70 DB, 60 WB // 5 DB, 4 WB

For actual capacity performance based on indoor unit type and number of indoor units connected, please refer to MXZ Operational Performance.

Although the maximum connectable capacity is 130%, the outdoor unit cannot provide more than 100% of the rated capacity. Please utilize this over capacity capability for load shedding or applications where it is known that all connected units will NOT be operating at the same time.

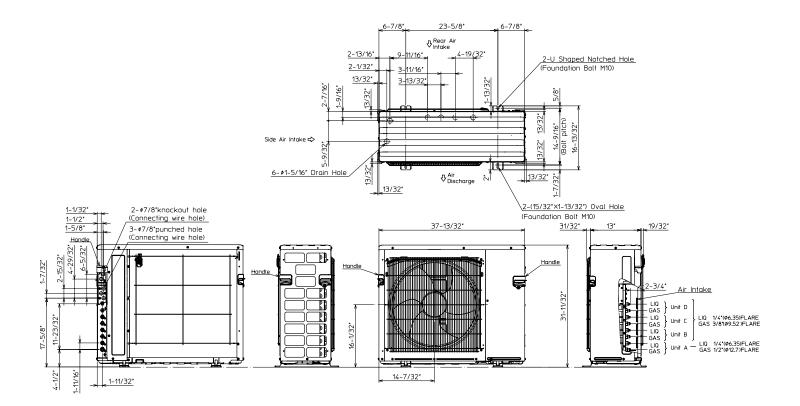
Applications should be restricted to comfort cooling only; equipment cooling applications are not recommended for low ambient temperature conditions. A 5°F DB - 115°F DB when optional wind baffles are installed

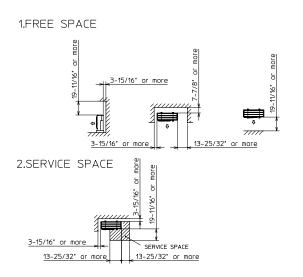
# **OUTDOOR UNIT ACCESSORIES: MXZ-4C36NA3**

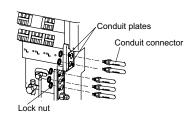
	Refrigeration Ball Valve - 1/2"	BV12FFSI2
Ball Valve	Refrigeration Ball Valve - 1/4"	BV14FFSI2
	Refrigeration Ball Valve - 3/8"	BV38FFSI2
	Refrigeration Ball Valve - 5/8"	BV58FFSI2
Control Wire	M-Net Control Wire, 1,000' Roll (16-AWG, Standard, Twisted Pair, Shielded, Jacketed- Plenum rated)	CW162S-1000
	M-Net Control Wire, 250' Roll (16-AWG, Standard, Twisted Pair, Shielded, Jacketed- Plenum rated)	CW162S-250
Drain Socket	Drain Socket	PAC-SG60DS-E
Hail Guards	Hail Guard HG-A9	
M-NET Converter	M-NET Converter	PAC-IF01MNT-E
	14 Gauge, 4 wire MiniSplit Cable—250 ft. roll	S144-250
	14 Gauge, 4 wire MiniSplit Cable—250 ft. roll	SW144-250
	14 Gauge, 4 wire MiniSplit Cable—50 ft. roll	S144-50
Adia: Outlib Nation	14 Gauge, 4 wire MiniSplit Cable—50 ft. roll	SW144-50
Mini-Split Wire	16 Gauge, 4 wire MiniSplit Cable—250 ft. roll	S164-250
	16 Gauge, 4 wire MiniSplit Cable—250 ft. roll	SW164-250
	16 Gauge, 4 wire MiniSplit Cable—50 ft. roll	S164-50
	16 Gauge, 4 wire MiniSplit Cable—50 ft. roll	SW164-50
Mounting Pad	Condensing Unit Mounting Pad: 16" x 36" x 3"	ULTRILITE1
	Outdoor Unit 3-1/4 inch Mounting Base (Pair) - Plastic	DSD-400P
Optional Defrost Heater	Optional Defrost Heater	PAC-645BH-E
	Adaptor: 1/2" x 3/8"	MAC-A455JP-E
Dort Adorton	Adaptor: 1/2" x 5/8"	MAC-A456JP-E
Port Adapter	Adaptor: 3/8" x 1/2"	MAC-A454JP-E
	Adaptor: 3/8" x 5/8"	PAC-SG76RJ-E
Stand	18" Single Fan Stand	QSMS1801M
	24" Single Fan Stand	QSMS2401M
	Condenser Wall Bracket	QSWB2000M-1
	Condenser Wall Bracket - Stainless Steel Finish	QSWBSS
	Outdoor Unit Stand — 12" High	QSMS1201M

### **OUTDOOR UNIT DIMENSIONS: MXZ-4C36NA3**

Unit: inch (mm)







1340 Satellite Boulevard Suwanee, GA 30024 Toll Free: 800-433-4822 www.mehvac.com





## MLZ-KY06NA 6,000 BTU/H EZ FIT CEILING CASSETTE



Job Name:

System Reference: Date:



#### **GENERAL FEATURES**

- · Designed to fit between I-joist spacing
- · Stylish, square design panel
- Built-in condensate lift mechanism (19.6")
- · Serviceable from the bottom (electrical and flare connections)
- · Adjustable fan speeds and vane directions
- · Washable antibacterial and deodorizing filter
- · Multiple control options available:
  - o Hand-held Remote Controller (provided with unit)
  - o kumo cloud® smart device app for remote access
  - o Third-party interface options
  - o Wired or wireless controllers
- Pocket inside the access panel for kumo cloud® Wireless Interface
- UL 60335-2-40 Compliant

	Specifications		System
Unit Type			MLZ-KY06NA
Cooling Capacity <sup>1, 3</sup>		BTU/H	6,000
Heating Capacity <sup>2, 3</sup>		BTU/H	7,200
Electrical	Voltage, Phase, Frequency		208/230, 1, 60
	Guaranteed Voltage Range	V AC	187- 253V
	Voltage: Indoor - Outdoor, S1-S2	VAC	208/230
	Voltage: Indoor - Outdoor, S2-S3	V DC	24
	Short-circuit Current Rating [SCCR]	kA	5
	MCA	A	1.0
	Fan Motor Full Load Amperage	A	0.68
	Airflow Rate at Cooling, Dry	CFM	152–173–184–198
	Airflow Rate at Cooling, Wet	CFM	129–141–156–168
Indoor Unit	Airflow Rate at Heating, Dry	CFM	152–173–194–212
	Drain Pipe Size	In. [mm]	1-1/16 [26]
	Condensate Lift Mechanism, Maximum Distance	In. [mm]	19-11/16 [500]
	Coating on Heat Exchanger		<del>-</del>
	External Finish Color		Munsell 4.0GY 9.1/0.2
	Unit Dimensions	W x D x H: In. [mm]	33-3/16 x 11-7/8 x 7-11/16 [842 x 301 x 194]
	Package Dimensions	W x D x H: In. [mm]	35-3/4 x 14-1/8 x 12-/1-8 [910 x 360 x 310]
	Unit Weight	Lbs. [kg]	24.3 [11.0]
	Package Weight	Lbs. [kg]	28.7 [13.0]
Refrigerant	Туре		R410A
Dining.	Gas Pipe Size O.D. [Flared]	In.[mm]	3/8 [9.52]
Piping	Liquid Pipe Size O.D. [Flared]	In.[mm]	1/4 [6.35]

Conditions

¹Cooling (Indoor // Outdoor) ²Heating at 47°F (Indoor // Outdoor)

<sup>&</sup>lt;sup>3</sup>Capacity varies based on the number of indoor units operating and the model of the Multi-zone Outdoor Unit. For reference to connected capacity charts, please refer Multi-zone Outdoor Unit Operational Performance:

# **INDOOR UNIT ACCESSORIES: MLZ-KY06NA**

Control Interface	BACnet® and Modbus® Interface	PAC-UKPRC001-CN-1
	CN24 Relay Kit	CN24RELAY-KIT-CM3
	IT Extender	PAC-WHS01IE-E
	kumo station® for kumo cloud®	PAC-WHS01HC-E
	Lockdown bracket for remote controller	RCMKP1CB
	System Control Interface	MAC-334IF-E
	Thermostat Interface	PAC-US444CN-1
	Thermostat Interface	PAC-US445CN-1
	USNAP Adapter	PAC-WHS01UP-E
	Wireless Interface for kumo cloud®	PAC-USWHS002-WF-2
Remote Sensor	Wired Remote Sensor	M21EAA307
Remote Sensor	Wireless temperature and humitity sensor for kumo cloud®	PAC-USWHS003-TH-1
	Deluxe Wired MA Remote Controller <sup>†</sup>	PAR-40MAAU
Wired Remote Controller	Simple MA Remote Controller <sup>↑</sup>	PAC-YT53CRAU-J
	Touch MA Controller <sup>†</sup>	PAR-CT01MAU-SB
Wireless Remote Controller	kumo touch™ RedLINK™ Wireless Controller	MHK2
Condensate	Blue Diamond (Advanced) Mini Condensate Pump w/ Reservoir & Sensor (208/230V) [recommended]	X87-721
	Blue Diamond (MicroBlue) Mini Condensate Pump (110/208/230V) up to 18,000 BTU/H	X86-003
	Refco Condensate Pump (100-240 VAC) up to 120,000 BTU/H	СОМВІ
Disconnect Switch	(30A/600V/UL) [fits 2" X 4" utility box] - Black	TAZ-MS303
	(30A/600V/UL) [fits 2" X 4" utility box] - White	TAZ-MS303W
Filter	Anti-allergy Enzyme Filter	MAC-408FT-E
Grille	Grille (required)	MLP-448WU
Lineset	15' x 1/4" x 15' / 3/8" Lineset (Twin-Tube Insulation)	MLS143812T-15
	30' x 1/4" x 30' / 3/8" Lineset (Twin-Tube Insulation)	MLS143812T-30
	50' x 1/4" x 50' / 3/8" Lineset (Twin-Tube Insulation)	MLS143812T-50
	65' x 1/4" x 65' / 3/8" Lineset (Twin-Tube Insulation)	MLS143812T-65

NOTES:

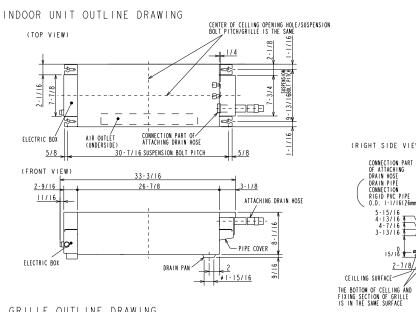
¹Requires MAC-334IF-E

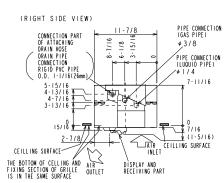
• M-Series EZ FIT® Recessed Ceiling Cassette, Floor-mount and Wall-mount
Allows indoor units to connect to an MA Controller:

Deluxe MA Remote Controller
Simple MA Controller
Touch MA Controller

#### INDOOR UNIT DIMENSIONS: MLZ-KY06NA

Unit: inch

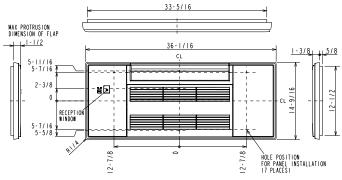




REMOTE CONTROLLER OUTLINE DRAWING

<del>| | 3/4</del>

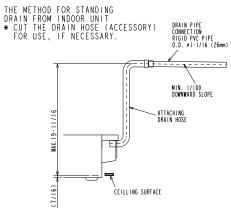
GRILLE OUTLINE DRAWING (MLP-448WU)



EXTENSION PIPE	LIQUID PIPE O.D.		φ   / 4	
	GAS PIPE O.D.		φ3/8	
CONNECTIONG OF PIPE	LIQUID PIPE	FLARED CONNECTION \$1/4		
	GAS PIPE	FLARED CONNECTION		
DRAIN HOSE		HEAT INSULATER O.D. CO	NNECTION I.D.	EFFECTIVE LENGTH
		φI-5/I6	φ	18-15/16
DRAIN PIPE	CONNECTION	RIGID PVC PIPE	0.D.øl-	1/16(26mm)

NOTEL. CUT THE DRAIN HOSE (ACCESSORY) FOR USE, IF NECESSARY.

INDOOR UNIT DETAIL VIEW	OF CELLING OBENING HOLF/GUEDENCION BOLT DITCH/
S CENTER GRILLE	OF CELLING OPENING HOLE/SUSPENSION BOLT PITCH/ IS THE SAME
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16 000 17 16 HO 18 305 18 305 18 305 19 305 19 305 10 3	;
0011116 0011116 0011116 0011116 0011116 0011116 0011116 0011116 0011116 0011116 0011116 0011116 0011116	<u> </u>
AIR OUTLET OUTLET (UNDERSIDE)	AIR
'       \	-7/8 3-15/16
2-1/8 30-7/16	SSUSPENSION BOLT PITCH 2-1/8
11/16 34-11/1	6 CELLING OPENING HOLE   11/16
36-1/1	6 OUTLINE OF GRILLE
(FRONT VIEW) SUSPENSION BOLT W3/8	SUSPENSION BOLT W3/8
	//////////////////////////////////////
® J	<del></del>
7-7/8	
	w d
-V V	
CEILLING SURFACE	GRILLE CEILLING SURFACE



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FORM# MLZ-KY06NA-U1 - 202209