

SUBMITTAL DATA: MLZ-KP12NA(2)-U1

12,000 BTU/H 1-WAY CEILING CASSETTE INDOOR UNIT FOR MXZ MULTI-ZONE HEAT PUMP SYSTEM

Job Name:	Location:	Date:
Purchaser:	Engineer:	
Submitted to:	For ☐ Reference ☐ Approval ☐ Construction	
System Designation:	Schedule No.:	



INDOOR UNIT FEATURES

- Available sizes: 9, 12, 18 kBtu/h
- Fits between 16" joists
- 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

ACCESSORIES:

Grille.....(Required ordered separately) MLP-444WU
 Auxilliary Heat Connector Cable.....(MAC-1710RA-U)

Optional Controls

Wireless Controller (MHK2)
 Wired Remote Controller (PAR-40MAA) (Requires MAC-334IF-E)
 Thermostat Interface (PAC-US444CN-1)
 System Control Interface (MAC-334IF-E)

SPECIFICATIONS:

Rated Capacity*		
Cooling ¹	Btu/h / W	12,000
Heating at 47°F ²	Btu/h / W	15,400

Rating Conditions per AHRI Standard:

¹ Cooling | Indoor: 80°F (27°C) DB / 67°F (19°C) WB; Outdoor: 95°F (35°C) DB / 75°F (24°C) WB

² Heating at 47°F | Indoor: 70°F (21°C) DB / 60°F (16°C) WB; Outdoor: 47°F (8°C) DB / 43°F (6°C) WB

For data on specific indoor units (all ducted, all non-ducted) combinations, see the MXZ Technical and Service Manual.

Applications should be restricted to comfort cooling only; equipment cooling applications are not recommended for low ambient temperature conditions.

Electrical Power Requirements	208 / 230V, 1-Phase, 60 Hz	
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Minimum Circuit Ampacity (MCA) *	A	1
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* All electrical work shall comply with National (CEC) and local codes and regulations.

Blower Motor (ECM)	F.L.A.	0.68
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Blower Motor Output	W	30
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Field Drainpipe Size O.D.	In.(mm)	1-1/4 (32)
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Airflow Rate (Quiet - Lo - Med - Hi - Super Hi)			
Cooling	DRY	CFM	212-258-297-332
Heating	WET		180-216-240-264
	DRY		212-272-311-350

Sound Pressure Level (Quiet - Lo - Med - Hi - Super Hi)		
Cooling	dB(A)	27-32-36-40
Heating		26-32-36-40

External Dimensions (H x W x D)	In.(mm)	7-5/16 x 43-3/8 x 14-3/16 (185 x 1102 x 360)
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Net Weight	Lbs.(kg)	34 (15)
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External Finish	Munsell No.3Y 7.8/1.1	
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Refrigerant Piping (Flared)		
Liquid (High Pressure)	In.(mm)	1/4 (6.35)
Gas (Low Pressure)		3/8 (9.52)

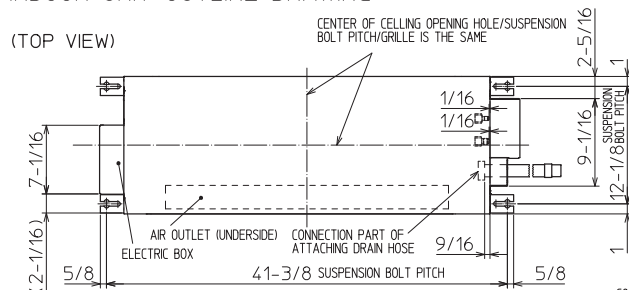
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Specifications are subject to change without notice.

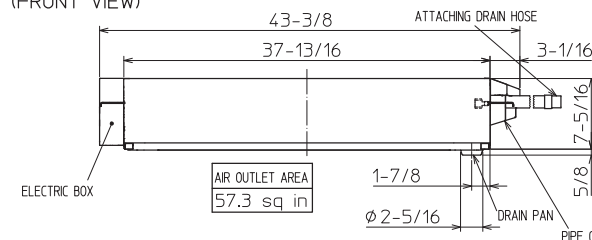
DIMENSIONS: MLZ-KP12NA(2)-U1

INDOOR UNIT OUTLINE DRAWING

(TOP VIEW)

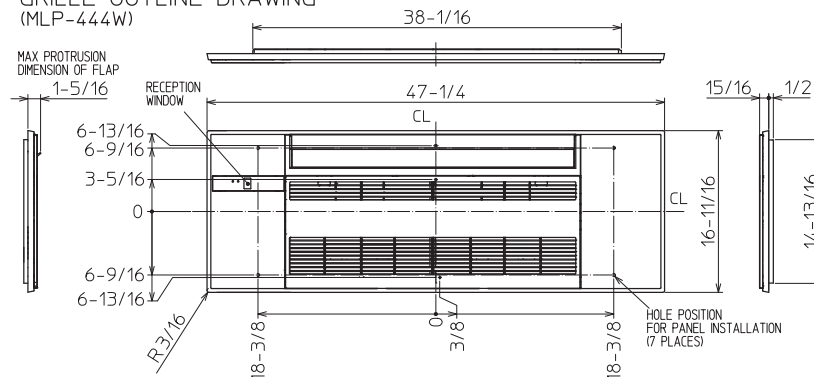


(FRONT VIEW)



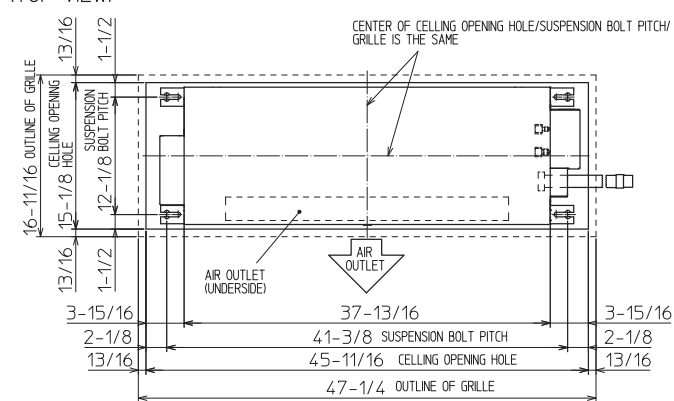
GRILLE OUTLINE DRAWING

(MLP-444W)

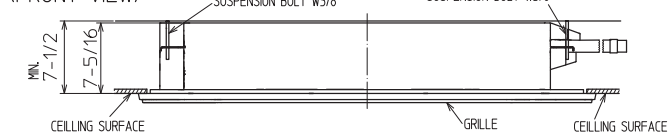


INDOOR UNIT DETAIL VIEW

INDOOR C
(TOP VIEW)

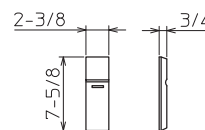


(FRONT VIEW)

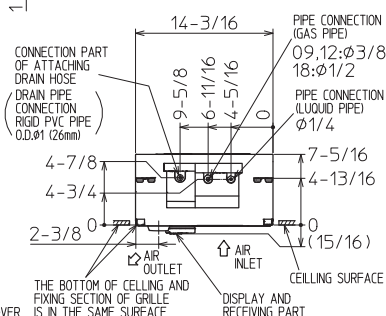


REMOTE CONTROLLER OUTLINE DRAWING

Unit: in.



(RIGHT SIDE VIEW)



		KP09/12NA	KP18NA
EXTENSION PIPE	LIQUID PIPE O.D.	ø1/4	
	GAS PIPE O.D.	ø3/8	ø1/2
CONNECTIONS OF PIPE	LIQUID PIPE	FLARED CONNECTION ø1/4	
	GAS PIPE	FLARED CONNECTION ø3/8	FLARED CONNECTION ø1/2
DRAIN HOSE		HEAT INSULATOR O.D. CONNECTION I.D. EFFECTIVE LENGTH ø1-1/4 ø1 18-7/8	
DRAIN PIPE CONNECTION		RIGID PVC PIPE O.D. ø1 (26mm)	

NOTE1. CUT THE DRAIN HOSE (ACCESSORY) FOR USE, IF NECESSARY.

THE METHOD FOR STANDING
DRAIN FROM INDOOR UNIT
※ CUT THE DRAIN HOSE (ACCESSORY)
FOR USE, IF NECESSARY.

