M-SERIES

SUBMITTAL DATA: MSZ-FH12NA

12,000 BTU/H WALL-MOUNTED INDOOR UNIT FOR MXZ-C MULTI-ZONE HEAT-PUMP SYSTEMS

Inspections Division
Date: 05/26/16

Job Name:	
System Reference:	Date:

Indoor Unit: MSZ-FH12NA

Wireless Remote Controller

SPECIFICATIONS:

Rated Capacity*		
Cooling[1]	Btu/h / W	12,000
Heating at 47° F[2]	Btu/h / W	13,600

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, and both ducted and 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	
Minimum Circuit Ampacity (MCA)	A	1
Blower Motor (ECM)	F.L.A.	0.67
Blower Motor Output	W	30
Field Drainpipe Size O.D.	In.(mm)	5/8 (15)

Airflow Rate (Lo - Med - Hi - Super Hi - Powerful)			
Cooling	DRY	CFM	137-167-221-304-398
	WET		117-143-190-261-342
Heating	DRY		140-167-225-325-454

Sound Pressure Level (Lo - Med - Hi - Super Hi - Powerful)		
Cooling	dB(A)	21-24-29-36-41
Heating		21-24-29-36-42

External Dimensions (H x W x D)	In.(mm)	12 + 11/16 x 36-7/16 x 9-3/16 (305 +17 x 925 x 234)
Net Weight	Lbs.(kg)	29 (12)
External Finish	Munsell 1.0Y 9.2 / 0.2	

Refrigerant Piping (Flared)		
Liquid (High Pressure)	In.(mm)	1/4 (6.35)
Gas (Low Pressure)		3/8 (9.52)

ACCESSORIES:

Indoor Unit

- ☐ Condensate Pump (BlueDiamond X87-711/721; 115/230V)
- ☐ Condensate Pump (Sauermann SI30-115/230; 115/230V)
- ☐ Replacement Platinum Deodorizing Filter (MAC-3000FT-E)
- ☐ Replacement Anti-allergy Enzyme Filter (MAC-2330FT-E)

Controls

- ☐ Wireless Controller (MHK1)
- ☐ Wired Remote Controller PAR-31MAA (Requires MAC-333IF-E)
- ☐ Wireless Interface for kumo cloud™ (PAC-WHS01WF-E)
- ☐ Thermostat Interface (PAC-US444CN-1)

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DIMENSIONS: MSZ-FH12NA

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MSZ-FH12NA

Unit: mm (in.)

(MSZ-FH09/12NA)

Piping	Insulation	Ø1-7/16 O.D
	Liquid line	Ø1/4 15-3/8 (Flared connection Ø1/4)
	Gas line	Ø3/8 13-3/8 (Flared connection Ø3/8)
Drain hose		Inslation Ø1-1/8 Connected part Ø5/8 O.D

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COOLING & HEATING

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