MITSUBISHI ELECTRIC
COOLING & HEATING

ENERGY STAR

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SUBMITTAL DATA: MSZ-FH12NA

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

Reviewed for Code Compliance
Inspections Division
Approved with Conditions

Job Name:

System Reference: | Date: 09/30/15

Indoor Unit: MSZ-FH12NA

Wireless Remote Controller

GENERAL FEATURES

- Highly energy-efficient system that features 100% heating capacity at 5°F, 82% at -4°F, and 62% at -13°F
- Updated sleek, compact indoor unit design
- Includes Standard, Platinum Deodorizing, and Anti-allergy Enzyme filters for a complete air purifying system
- "Powerful Mode" function permits system to temporarily run at a lower/higher temperature with an increased fan speed, which quickly brings the room to the optimum comfort level
- Integrated i-see Sensor automatically adjusts the unit's operation according to temperature differences detected between the floor and the intake air, ensuring optimum comfort and energy usage
- Hand-held Wireless Remote Controller
- Base heater is available as an option
- Limited warranty: five years parts and seven years compressors

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)

Controller Options

- □ Wireless Wall-mounted Remote Controller Kit (MHK1)*
- □ Portable Central Controller (MCCH1)*
- □ Outdoor Air Sensor (MOS1)*
- □ Wired Wall-mounted Controller (PAR-31MAA requires MAC-333IF)*
- □ Simple MA Remote Controller (PAC-YT53CRAU requires MAC-333IF)*

*See Submittal for information on each option.

- □ System Control Interface (MAC-333IF)
- □ Remote Temperature Sensor (M21-JKO-307)
- □ Lockdown Bracket for Hand-held Controller (RCMKP1CB)

SPECIFICATIONS

Cooling Capacity* ..... 12,000 Btu/h
Heating Capacity* ..... 13,600 Btu/h

***Rating Conditons:**
Cooling | Indoor: 80º F (27º C) DB / 67º F (19º C) WB
Cooling | Outdoor: 95º F (35º C) DB / 75º F (24º C) WB
Heating at 47ºF | Indoor: 70º F (21º C) DB / 60º F (16º C) WB
Heating at 47ºF | Outdoor: 47º F (8º C) DB / 43º F (6º 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.)

Electrical Requirements
Power Supply ..... 208 / 230V, 1-Phase, 60 Hz
Breaker Size ..... 15 A

Voltage
Indoor - Outdoor S1-S2 ..... AC 208 / 230V
Indoor - Outdoor S2-S3 ..... DC +/- 24V
Indoor - Remote Controller ..... MKH1 DC 3V
PAR-31MAA DC 12V
PAC-YT53CRAU DC 12V

MCA ..... 1.0 A
Blower Motor (ECM) ..... 0.67 F.L.A.
Airflow (Lo - Med - Hi - Super Hi - Powerful)
Cooling ..... 137-167-221-304-398 Dry CFM
117-143-190-261-342 Wet CFM
Heating ..... 140-167-225-325-454 Dry CFM
Sound Pressure Level (Lo - Med - Hi - Super Hi - Powerful)
Cooling ..... 21-24-29-36-41dB(A)
Heating ..... 21-24-29-36-42 dB(A)
External Finish Color ..... Munsell 1.0Y 9.2/0.2
External Dimensions
Inches: ..... 12 + 11/16 H x 36-7/16 W x 9-3/16 D
mm: ..... 305 +17 H x 925 W x 234 D
Weight Unit ..... 29 lbs. / 12 kg
Field Drainpipe Size O.D. ..... 19/32 In. (15mm)
Refrigerant Type R410A
Refrigerant Pipe
Gas Side O.D. ..... 3/8" x 9.52 mm
Liquid Side O.D. ..... 1/4" x 6.35 mm
Connection Method
Indoor/Outdoor ..... Flared

R410A INVERTER

Specifications are subject to change without notice.
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DIMENSIONS: MSZ-FH12NA

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MSZ-FH12NA

(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

(MSZ-FH15NA)

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 Ø1/2)
Drain hose		Inslation Ø1-1/8 Connected part Ø5/8 O.D

AHRI CERTIFIED™ www.ahridirectory.org
Unitary Small HP
AHRI Standard 210/240
Certification applies only when the complete system is listed with AHRI.

Intertek

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COOLING & HEATING

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