

## SUBMITTAL DATA: MSZ-FE09NA-8

9,000 BTU/H WALL-MOUNTED INDOOR UNIT FOR MXZ MULTI-ZONE HEAT-PUMP SYSTEMS

Job Name:

System Reference:

Date:



Indoor Unit: MSZ-FE09NA-8


 Wireless Remote  
Controller

### GENERAL FEATURES

- Highly energy-efficient system with quiet operation
- 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 detects room air temperature
- Autochangeover for cooling and heating
- Hand-held Wireless Remote Controller
- Limited warranty: five years parts and seven years compressors

### ACCESSORIES

#### Outdoor Unit

- Base Heater (MAC-640BH-U)
- Drain Socket (MAC-851DS)

#### Indoor Unit

- Condensate Pump (SI3100-230; 230V)
- Replacement Platinum Deodorizing Filter (MAC-308FT)
- Replacement Anti-allergy Enzyme Filter (MAC-418FT; MERV 8)

#### 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)

### SPECIFICATIONS

**Cooling Capacity\*** ..... 9,000 Btu/h  
**Heating Capacity\*** ..... 10,900 Btu/h

#### \* Rating Conditions per AHRI Standard

Cooling | Indoor: 80° F (27° C) DB / 67° F (19° C) WB  
 Cooling | Outdoor: 95° F (35° C) DB / 75° F (24° C) WB  
 Heating at 47° F | Indoor: 70° F (21° C) DB / 60° F (16° C) WB  
 Heating at 47° F | 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-B Technical and Service Manual.)**

#### Electrical Requirements

Power Supply ..... 208 / 230V, 1-Phase, 60 Hz  
 MCA ..... 1 A

#### Voltage

Indoor - Outdoor S1-S2 ..... AC 208 / 230V  
 Indoor - Outdoor S2-S3 ..... DC +/- 24V

Blower Motor (ECM) ..... 0.76 F.L.A.

#### Airflow

Cooling (Lo - Med - Hi - Powerful) ..... 162 - 226 - 339 - 381 Dry CFM  
 144 - 202 - 307 - 343 Wet CFM  
 Heating (Lo - Med - Hi - Powerful) ..... 166 - 240 - 367 - 381 Dry CFM  
 Sound Pressure Level (Lo - Med - Hi - Powerful)  
 Cooling ..... 22 - 31 - 39 - 42 dB(A)  
 Heating ..... 22 - 31 - 40 - 42 dB(A)

| DIMENSIONS | UNIT INCHES / MM |
|------------|------------------|
| W          | 31-3/8 / 799     |
| D          | 10-1/8 / 257     |
| H          | 11-5/8 / 295     |

Weight ..... .27 lbs. / 12 kg

External Finish ..... Munsell No. 1.0Y 9.2 / 0.2  
 Field Drainpipe Size O.D. .... 5/8" / 15.88 mm

Refrigerant Type ..... R410A

Refrigerant Pipe Size O.D.

Gas Side ..... 3/8" / 9.52 mm

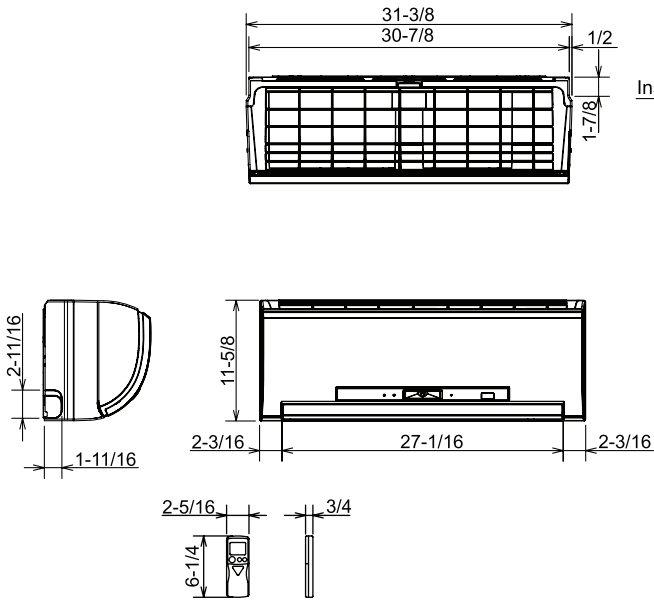
Liquid Side ..... 1/4" / 6.35 mm

Connection Method ..... Flared

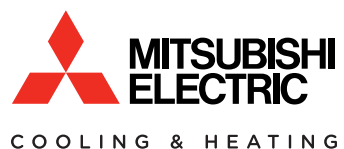
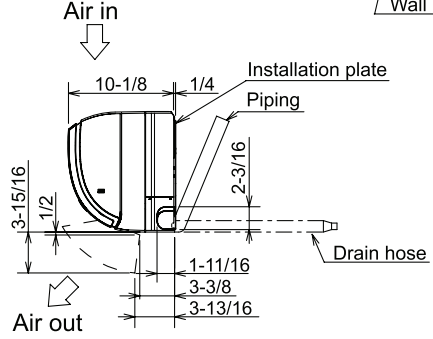
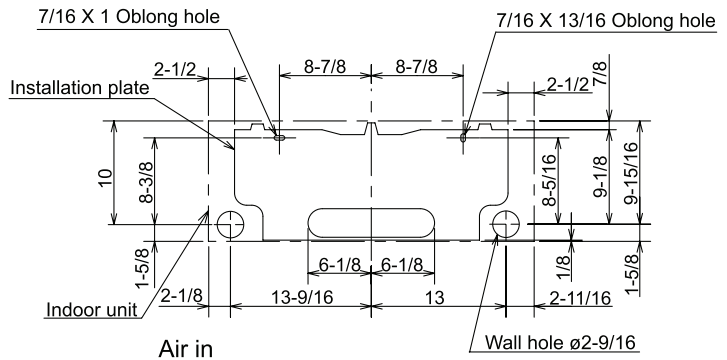


# DIMENSIONS: MSZ-FE09NA-8

**Unit: inch**



|            |   |  |
|------------|---|--|
| Piping     | Insulation                                    | ø1-3/8 O.D                             |
|            | Liquid line                                   | ø1/4 19-11/16 (Flared connection ø1/4) |
|            | Gas line                                      | ø3/8 16-15/16 (Flared connection ø3/8) |
| Drain hose | Insulation ø1-1/8 O.D Connected part ø5/8 O.D |  |



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