

## SUBMITTAL DATA: MSZ-JP09WA-U1 & MUZ-JP09WA-U1

### 9,000 BTU/H WALL-MOUNTED HEAT PUMP SYSTEM

|                     |                                                                                                                |       |
|---------------------|----------------------------------------------------------------------------------------------------------------|-------|
| Job Name:           | Location:                                                                                                      | Date: |
| Purchaser:          | Engineer:                                                                                                      |       |
| Submitted to:       | For <input type="checkbox"/> Reference <input type="checkbox"/> Approval <input type="checkbox"/> Construction |       |
| System Designation: | Schedule No.:                                                                                                  |       |



#### ACCESSORIES:

Windscreens (ME-FR-15-17)  
Anti-allergy Enzyme Filter (MAC-408FT-E)  
Portable Central Controller (MCCH1)  
Outside Air Sensor for MHK1 (MOS1)

#### Controls

Wired Remote Controller (PAR-33MAA)  
Wireless Controller (MHK1)  
Simple MA Remote Controller (PAC-YT53CRAU-J)  
Thermostat Interface (PAC-US444CN-1)  
System Control Interface (MAC-334IF-E)  
Touch MA Controller (PAR-CT01MAU-SB)

| Outdoor unit model      |               |       | MUZ-JP09WA                |
|-------------------------|---------------|-------|---------------------------|
| Capacity                | Cooling *1    | Btu/h | 9,000 ( 3,800 ~ 10,000 )  |
| Rated (Minimum~Maximum) | Heating 47 *1 | Btu/h | 10,900 ( 4,500 ~ 11,800 ) |
| Capacity                | Heating 17 *2 | Btu/h | 6,700 (7,200)             |
| Rated (Maximum)         |               |       |                           |
| Power consumption       | Cooling *1    | W     | 750 (240 - 850)           |
| Rated (Minimum~Maximum) | Heating 47 *1 | W     | 900 (240 - 1,000)         |
| Power consumption       | Heating 17 *2 | W     | 700 (780)                 |
| Rated (Maximum)         |               |       |                           |
| EER *1 [SEER] *3        | Cooling       |       | 12.0 [ 17.0 ]             |
| HSPF IV *4              | Heating       |       | 9                         |
| COP                     | Heating *1    |       | 3.55                      |
|                         |               |       |                           |
| Power factor            | Cooling       | %     | 93                        |
|                         | Heating       | %     | 94                        |
| Power supply            | V, phase, HZ  | A     | 115, 1, 60                |

#### Indoor unit

|             |                          |              |                       |
|-------------|--------------------------|--------------|-----------------------|
| Indoor unit | MCA (*)                  | A            | 1.4                   |
|             | Fan Motor                | F.L.A        | 1.07                  |
|             | Air flow                 | CLG DRY(CFM) | 170 - 237 - 321 - 399 |
|             | (Lo-Mid-High-Super High) | CLG WET(CFM) | 134 - 201 - 286 - 364 |
|             | Moisture removal         | pt./h        | 1.5                   |
|             | Sound Level CLG          |              |                       |
|             | (Low-Med-Hi-Super High)  | dB (A)       | 22 - 30 - 37 - 43     |
|             | Sound Level HTG          |              |                       |
|             | (Low-Med-Hi-Super High)  | dB (A)       | 22 - 37 - 30 - 43     |
|             | External Finish Color    |              | Munsell 1.0Y 9.2/0.2  |
|             | Dimensions               | W: in        | 31-7/16               |
|             |                          | D: in        | 9-1/8                 |
|             |                          | H: in        | 11-5/8                |
| Weight Unit |                          | lbs          | 22                    |
|             | Field Drainpipe O.D.     | in           | 5/8                   |

#### Outdoor unit

|                                             |                   |                    |                        |
|---------------------------------------------|-------------------|--------------------|------------------------|
| Max. fuse size (time delay) (*)             |                   | A                  | 15                     |
| Min. circuit ampacity (*)                   |                   | A                  | 12                     |
| Fan motor                                   | F.L.A             | A                  | 0.7                    |
| Compressor                                  | Model             |                    | KNB073FRXMC            |
|                                             | R.L.A             | A                  | 8.8                    |
|                                             | L.R.A             | A                  | 11                     |
|                                             | Refrigeration oil | fl oz. (L) (Model) | 9.1 (0.27) (FV50S)     |
| Refrigerant control                         |                   |                    | Linear expansion valve |
| Sound level *1                              | Cooling           | dB(A)              | 46                     |
|                                             | Heating           | dB(A)              | 50                     |
| Airflow                                     | Cooling           | CFM                | 1,105 - 1,105 - 1,063  |
|                                             | Heating           | CFM                | 1,282 - 1,105 - 1,105  |
| Fan speed                                   | Cooling           | rpm                | 770 - 770 - 740        |
|                                             | Heating           | rpm                | 890 - 770 - 770        |
| Defrost method                              |                   |                    | Reverse cycle          |
| Dimensions                                  | W                 | in.                | 31-1/2                 |
|                                             | D                 | in.                | 11-1/4                 |
|                                             | H                 | in.                | 21-5/8                 |
|                                             | Weight            | lb.                | 73                     |
| External finish                             |                   |                    | Munsell 3Y 7.8/1.1     |
| Refrigerant piping                          |                   |                    | Not supplied           |
| Refrigerant pipe size (Min. wall thickness) | Liquid            | in.                | 1/4                    |
|                                             | Gas               | in.                | 3/8                    |
| Connection method                           | Indoor            |                    | Flared                 |
|                                             | Outdoor           |                    | Flared                 |
| Between the indoor & outdoor units          | Height difference | ft.                | 40                     |
|                                             | Piping length     | ft.                | 65                     |
| Refrigerant charge (R410A)                  |                   |                    | 1 lb. 12 oz.           |

NOTE: Test conditions are based on AHRI 210/240.

- \* 1: Rating conditions (Cooling) — Indoor: 80°FDB, 67°FWB, Outdoor: 95°FDB, (75°FWB)  
(Heating) — Indoor: 70°FDB, 60°FWB, Outdoor: 47°FDB, 43°FWB  
\* 2: (Heating) — Indoor: 70°FDB, 60°FWB, Outdoor: 17°FDB, 15°FWB

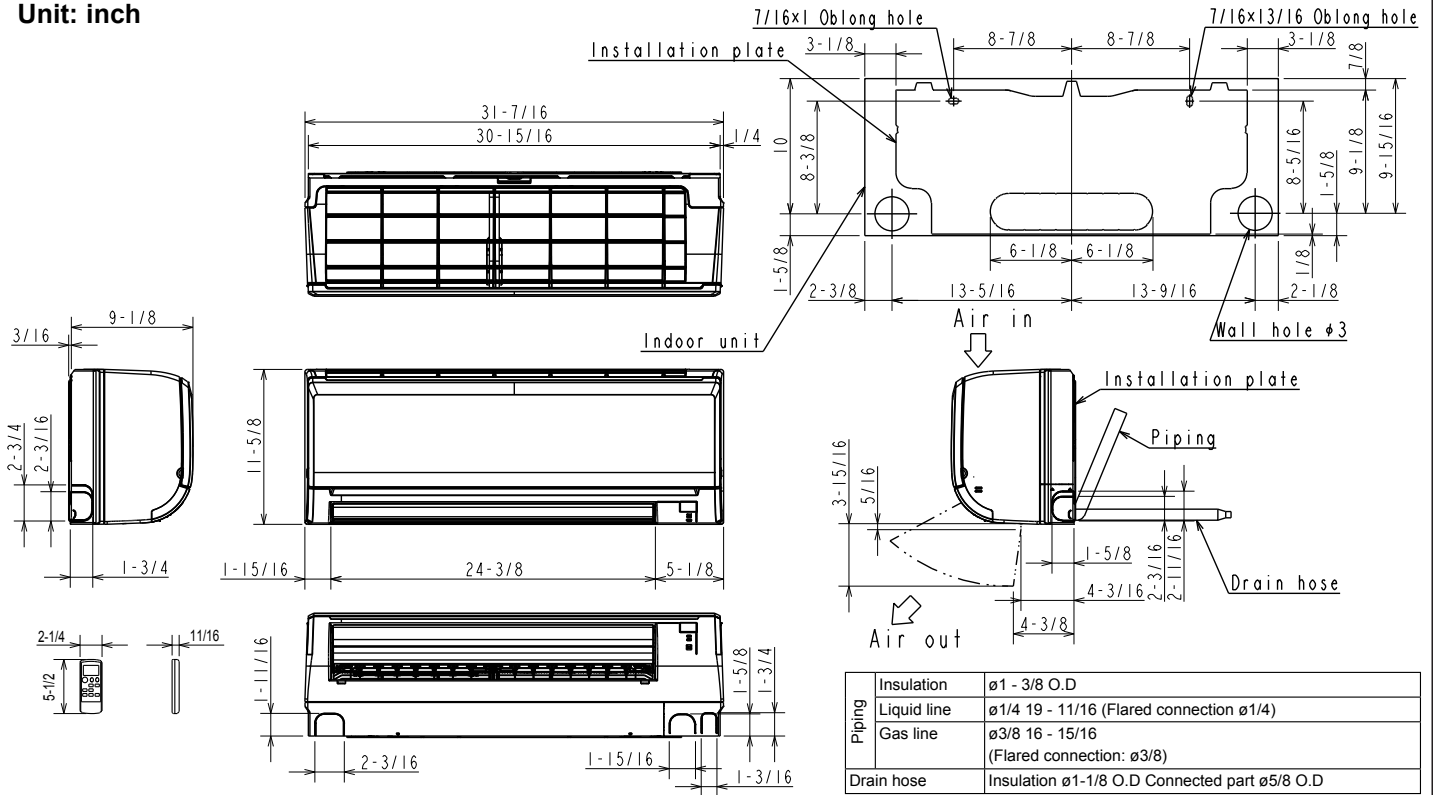
| ARI            | Mode | Test                                                           | Indoor air condition (°F) |          | Outdoor air condition (°F) |          |
|----------------|------|----------------------------------------------------------------|---------------------------|----------|----------------------------|----------|
|                |      |                                                                | Dry bulb                  | Wet bulb | Dry bulb                   | Wet bulb |
| SEER (Cooling) |      | "A-2" Cooling steady state at rated compressor speed           | 80                        | 67       | 95                         | (75)     |
|                |      | "B-2" Cooling steady state at rated compressor speed           | 80                        | 67       | 82                         | (65)     |
|                |      | "B-1" Cooling steady state at minimum compressor speed         | 80                        | 67       | 82                         | (65)     |
|                |      | "F-1" Cooling steady state at minimum compressor speed         | 80                        | 67       | 67                         | (53.5)   |
|                |      | "E-V" Cooling steady state at intermediate compressor speed *5 | 80                        | 67       | 87                         | (69)     |
|                |      | "H1-2" Heating steady state at rated compressor speed          | 70                        | 60       | 47                         | 43       |
| HSPF (Heating) |      | "H3-2" Heating at rated compressor speed                       | 70                        | 60       | 17                         | 15       |
|                |      | "H0-1" Heating steady state at minimum compressor speed        | 70                        | 60       | 62                         | 56.5     |
|                |      | "H1-1" Heating steady state at minimum compressor speed        | 70                        | 60       | 47                         | 43       |
|                |      | "H2-V" Heating at intermediate compressor speed *5             | 70                        | 60       | 35                         | 33       |

\*5: at intermediate compressor speed  
= ("Rated compressor speed" - "minimum compressor speed") / 3 + "minimum compressor speed".

Specifications are subject to change without notice

# DIMENSIONS: MSZ-JP09WA-U1 & MUZ-JP09WA-U1

Unit: inch



Unit: inch

## REQUIRED SPACE

\*1 4 in. (100 mm) or more when front and sides of the unit are clear

