

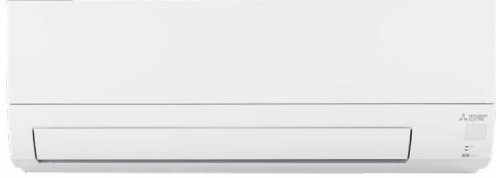
MSZ-JX09WL & MUZ-JX09WL  
9,000 BTU/H WALL-MOUNTED INDOOR UNIT  
9,000 BTU/H INVERTER HEAT PUMP OUTDOOR UNIT



Job Name:

System Reference:

Date:



Indoor Unit.....MSZ-JX09WL

Outdoor Unit.....MUZ-JX09WL



#### INDOOR UNIT FEATURES

- 115V
- 12-hour timer
- Dual Barrier Coating: The patented Dual Barrier Coating reduces the collection of contaminants like dust, fibers, smoke, and oil on the inner surface of the heat pump, resulting in optimal airflow and easier maintenance.
- Econo Cool: Econo Cool temporarily and automatically adjusts the airflow based on heat exchanger temperature. The set temperature is increased slightly, which saves energy, while maintaining comfort.
- Four fan speed options: Low, Medium, high, Super-high
- Multiple control options including: Back-lit screen hand-held Remote Controller (provided with unit), comfort app, third-party interfaces and both wired and wireless controllers
- Smart Dry Mode: Improves humidity control with minimal over-cooling of the space

#### OUTDOOR UNIT FEATURES

- Blue Fin Coating: An anti-corrosion treatment applied to the aluminum fins of the heat exchanger of the outdoor unit to protect against corrosion caused by salt, sulfur, and other airborne contaminants, especially in coastal and industrial areas.
- INVERTER-driven compressor: An inverter-driven compressor generates the precise capacity needed to maintain a temperature set point.

# SPECIFICATIONS: MSZ-JX09WL & MUZ-JX09WL

|                             |                                              |                                      |                                        |
|-----------------------------|----------------------------------------------|--------------------------------------|----------------------------------------|
| Cooling at 95F <sup>1</sup> | Maximum Capacity                             | Btu/h                                | 11,000                                 |
|                             | Rated Capacity                               | Btu/h                                | 9,000                                  |
|                             | Minimum Capacity                             | Btu/h                                | 3,600                                  |
|                             | Maximum Power Input                          | W                                    | 1,100                                  |
|                             | Rated Power Input                            | W                                    | 720                                    |
|                             | Moisture Removal                             | Pints/h                              | 1.8                                    |
|                             | Sensible Heat Factor                         | -                                    | 0.78                                   |
| Heating at 47F <sup>2</sup> | Power Factor [208V / 230V]                   | %                                    | 96 / 96                                |
|                             | Maximum Capacity                             | Btu/h                                | 13,000                                 |
|                             | Rated Capacity                               | Btu/h                                | 10,900                                 |
|                             | Minimum Capacity                             | Btu/h                                | 4,000                                  |
|                             | Maximum Power Input                          | W                                    | 1,400                                  |
|                             | Rated Power Input                            | W                                    | 900                                    |
|                             | Power Factor [208V / 230V]                   | %                                    | 99 / 99                                |
| Heating at 17F <sup>3</sup> | Maximum Capacity                             | Btu/h                                | 7,200                                  |
|                             | Rated Capacity                               | Btu/h                                | 6,800                                  |
|                             | Maximum Power Input                          | W                                    | 1,230                                  |
|                             | Rated Power Input                            | W                                    | 820                                    |
| Heating at 5F <sup>4</sup>  | Maximum Capacity                             | Btu/h                                | 7,700                                  |
|                             | Maximum Power Input                          | W                                    | 1,250                                  |
| Heating at -5F <sup>5</sup> | Maximum Capacity                             | Btu/h                                | 6,740                                  |
| Efficiency                  | SEER2                                        |                                      | 20                                     |
|                             | EER2 <sup>1</sup>                            |                                      | 12.5                                   |
|                             | HSPF2 [IV]                                   |                                      | 10                                     |
|                             | COP at 47°F <sup>2</sup>                     |                                      | 3.55                                   |
|                             | COP at 17°F at Maximum Capacity <sup>3</sup> |                                      | 1.7                                    |
|                             | COP at 5°F at Maximum Capacity <sup>4</sup>  |                                      | 1.8                                    |
|                             | COP at -5°F at Maximum Capacity <sup>5</sup> |                                      | 1.56                                   |
| Electrical                  | ENERGY STAR® Certified                       |                                      | Yes                                    |
|                             | Voltage, Phase, Frequency                    | V AC / V AC, ø, Hz                   | 115 / 115, 1, 60                       |
|                             | Guaranteed Voltage Range                     | V AC                                 | 103 - 127                              |
|                             | Voltage: Indoor - Outdoor, S1-S2             | V AC                                 | 115                                    |
|                             | Voltage: Indoor - Outdoor, S2-S3             | V DC                                 | 24                                     |
|                             | Short-circuit Current Rating [SCCR]          | kA                                   | 5                                      |
|                             | Recommended Fuse/Breaker Size (Outdoor)      | A                                    | 15                                     |
| Indoor Unit                 | Recommended Wire Size [Indoor - Outdoor]     | AWG                                  | 14                                     |
|                             | MCA                                          | A                                    | 1.4                                    |
|                             | Fan Motor Output                             | W                                    | 30                                     |
|                             | Airflow Rate at Cooling, Dry                 | CFM                                  | 146, 210, 293, 374                     |
|                             | Airflow Rate at Cooling, Wet                 | CFM                                  | 131, 189, 263, 337                     |
|                             | Airflow Rate at Heating, Dry                 | CFM                                  | 146, 219, 313, 384                     |
|                             | Sound Pressure Level [Cooling]               | dB (A)                               | 22, 30, 37, 43                         |
|                             | Sound Pressure Level [Heating]               | dB (A)                               | 22, 30, 37, 43                         |
|                             | Drain Pipe Size O.D.                         | inch [mm]                            | 5/8 [15.88]                            |
|                             | External Finish Color                        |                                      | Munsell 0.7PB 9.2/0.4                  |
|                             | Unit Dimensions (W x D x H)                  | inch x inch x inch<br>[mm x mm x mm] | 33 x 9-1/4 x 11-1/32 [838 x 235 x 280] |
|                             | Package Dimensions (W x D x H)               | inch x inch x inch<br>[mm x mm x mm] | 36 x 13-1/4 x 11-1/2 [920 x 340 x 300] |
|                             | Unit Weight                                  | lbs [kg]                             | 20 [9]                                 |
|                             | Package Weight                               | lbs [kg]                             | 24 [10.50]                             |
|                             | Fan Motor Type                               |                                      | DC Motor                               |
| IDU Operating Temp. Range   | Cooling Intake Air Temp [Maximum / Minimum]  | °FDB, °FWB / °FDB, °FWB              | 90, 73 / 67, 57                        |
|                             | Heating Intake Air Temp [Maximum / Minimum]  | °FDB                                 | 80 / 70                                |

## NOTES

<sup>1</sup>Cooling at 95°F (Indoor: 80°F DB, 67°F WB // Outdoor: 95°F DB, 75°F WB)

<sup>2</sup>Heating at 47°F (Indoor: 70°F DB, 60°F WB // Outdoor: 47°F DB, 43°F WB)

<sup>3</sup>Heating at 17°F (Indoor: 70°F DB, 60°F WB // Outdoor: 17°F DB, 15°F WB)

<sup>4</sup>Heating at 5°F (Indoor: 70°F DB, 60°F WB // Outdoor: 5°F DB, 4°F WB)

<sup>5</sup>Heating at -5°F (Indoor: 70°F DB, 60°F WB // Outdoor: -5°F DB, -6°F WB)

<sup>\*</sup> Indoor/Outdoor Unit Operating Temperature Range (Cooling Air Temp [Maximum / Minimum]):

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

**\*\* Outdoor Unit Operating Temperature Range (Cooling Thermal Lock-out / Re-start Temperatures; Heating Thermal Lock-out / Re-start Temperatures):**

• System cuts out in heating mode and automatically restarts at these temperatures.

# SPECIFICATIONS: MSZ-JX09WL & MUZ-JX09WL

|                           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                                      |                                              |
|---------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------|----------------------------------------------|
| Outdoor Unit              | MCA                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | A                                    | 15                                           |
|                           | MOCP                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | A                                    | 26                                           |
|                           | Fan Motor Full Load Amperage                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | A                                    | 0.5                                          |
|                           | Fan Motor Output                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | W                                    | 55                                           |
|                           | Airflow Rate Cooling                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | CFM                                  | 1,305                                        |
|                           | Airflow Rate Heating                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | CFM                                  | 1,196                                        |
|                           | Defrost Method                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |                                      | Reverse Cycle                                |
|                           | Coating on Heat Exchanger (Bluefin, Sea Coast)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |                                      | Yes, Yes                                     |
|                           | Sound Pressure Level, Cooling <sup>1</sup>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | dB (A)                               | 46                                           |
|                           | Sound Pressure Level, Heating <sup>2</sup>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | dB (A)                               | 50                                           |
|                           | Compressor Type                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                                      | Single Rotary                                |
|                           | Compressor Model                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |                                      | KRB073FATMC                                  |
|                           | Compressor Oil [Type // Charge]                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | Type // oz                           | RM68EH // 9.1                                |
|                           | External Finish Color                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |                                      | Munsell 3Y 7.8/1.1                           |
|                           | Base Pan Heater                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                                      | Optional                                     |
| ODU Operating Temp. Range | Unit Dimensions (W x D x H)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | inch x inch x inch<br>[mm x mm x mm] | 31-1/2 x 11-1/4 x 21-5/8 [800 x 285 x 550]   |
|                           | Package Dimensions (W x D x H)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | inch x inch x inch<br>[mm x mm x mm] | 38-3/4 x 16-3/4 x 40-3/4 [980 x 420 x 1,030] |
|                           | Unit Weight                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | lbs [kg]                             | 68 [30.6]                                    |
|                           | Package Weight                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | lbs [kg]                             | 75 [34]                                      |
| Refrigerant               | Cooling Intake Air Temp [Maximum / Minimum*]                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | °FDB                                 | 115 / 14                                     |
|                           | Cooling Thermal Lock-out / Re-start Temperatures**                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | °FDB                                 | -1 / 3                                       |
|                           | Heating Intake Air Temp [Maximum / Minimum]                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | °FDB, °FWB / °FDB, °FWB              | 75, 65 / -5, -6                              |
|                           | Heating Thermal Lock-out / Re-start Temperatures**                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | °FDB                                 | -14 / -4                                     |
| Piping                    | Type                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |                                      | R454B                                        |
|                           | Pre-Charged Refrigerant Amount                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | lbs, oz                              | 1, 6                                         |
|                           | Maximum Pre-Charged Piping Length                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | ft [m]                               | 25 [7.50]                                    |
|                           | Additional Refrigerant Charge Per Additional Piping Length                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | oz/ft                                | 0.22                                         |
| NOTES                     | Gas Pipe Size O.D. [Flared]                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | inch [mm]                            | 3/8 [9.52]                                   |
|                           | Liquid Pipe Size O.D. [Flared]                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | inch [mm]                            | 1/4 [6.35]                                   |
|                           | Maximum Piping Length                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | ft [m]                               | 65 [20]                                      |
|                           | Maximum Height Difference                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | ft [m]                               | 40 [12]                                      |
|                           | Maximum Number of Bends                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |                                      | 10                                           |
|                           | NOTES<br><sup>1</sup> Cooling at 95°F (Indoor: 80°F DB, 67°F WB // Outdoor: 95°F DB, 75°F WB)<br><sup>2</sup> Heating at 47°F (Indoor: 70°F DB, 60°F WB // Outdoor: 47°F DB, 43°F WB)<br><sup>3</sup> Heating at 17°F (Indoor: 70°F DB, 60°F WB // Outdoor: 17°F DB, 15°F WB)<br><sup>4</sup> Heating at 5°F (Indoor: 70°F DB, 60°F WB // Outdoor: 5°F DB, 4°F WB)<br><sup>5</sup> Heating at -5°F (Indoor: 70°F DB, 60°F WB // Outdoor: -5°F DB, -6°F WB)<br>* Indoor/Outdoor Unit Operating Temperature Range (Cooling Air Temp [Maximum / Minimum]):<br>• Applications should be restricted to comfort cooling only; equipment cooling applications are not recommended for low ambient temperature conditions.<br>** Outdoor Unit Operating Temperature Range (Cooling Thermal Lock-out / Re-start Temperatures; Heating Thermal Lock-out / Re-start Temperatures):<br>• System cuts out in heating mode and automatically restarts at these temperatures. |                                      |                                              |
|                           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                                      |                                              |
|                           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                                      |                                              |

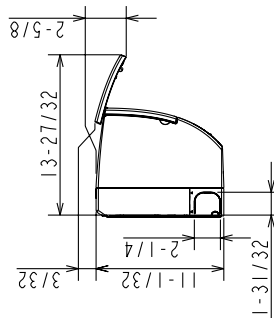
## INDOOR UNIT ACCESSORIES: MSZ-JX09WL

|                                                                                                                                                                                                                                                                                                                                                                                                                                             |                                                                                                          |                   |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------|-------------------|
| Lineset                                                                                                                                                                                                                                                                                                                                                                                                                                     | 15 x 1/4 x 15 3/8 Lineset Twin-Tube Insulation                                                           | MLS143812T-15     |
|                                                                                                                                                                                                                                                                                                                                                                                                                                             | 30 x 1/4 x 30 3/8 Lineset Twin-Tube Insulation                                                           | MLS143812T-30     |
|                                                                                                                                                                                                                                                                                                                                                                                                                                             | 50 x 1/4 x 50 3/8 Lineset Twin-Tube Insulation                                                           | MLS143812T-50     |
|                                                                                                                                                                                                                                                                                                                                                                                                                                             | 65 x 1/4 x 65 3/8 Lineset Twin-Tube Insulation                                                           | MLS143812T-65     |
| Control Interface                                                                                                                                                                                                                                                                                                                                                                                                                           | Airzone Wired Blueface Controller Black                                                                  | AZZBSBLUEZEROCN   |
|                                                                                                                                                                                                                                                                                                                                                                                                                                             | Airzone Wired Blueface Controller White                                                                  | AZZBSBLUEZEROCB   |
|                                                                                                                                                                                                                                                                                                                                                                                                                                             | Airzone Wireless Lite Controller Black                                                                   | AZZBSLITERN       |
|                                                                                                                                                                                                                                                                                                                                                                                                                                             | Airzone Wireless Lite Controller White                                                                   | AZZBSLITERB       |
|                                                                                                                                                                                                                                                                                                                                                                                                                                             | Airzone Wireless Think Controller Black                                                                  | AZZBSTHINKRN      |
|                                                                                                                                                                                                                                                                                                                                                                                                                                             | Airzone Wireless Think Controller White                                                                  | AZZBSTHINKRB      |
|                                                                                                                                                                                                                                                                                                                                                                                                                                             | IT Extender for kumo station                                                                             | PAC-WHS01IE-E     |
|                                                                                                                                                                                                                                                                                                                                                                                                                                             | kumo station for the Comfort app                                                                         | PAC-WHS01HC-E     |
|                                                                                                                                                                                                                                                                                                                                                                                                                                             | M-Net I/O Control Interface for M-Series <sup>2</sup>                                                    | MAC-334IF-E       |
|                                                                                                                                                                                                                                                                                                                                                                                                                                             | Procon BACnet and Modbus Interface                                                                       | PAC-UKPRC001-CN-1 |
|                                                                                                                                                                                                                                                                                                                                                                                                                                             | Thermostat Interface for 3rd Party Thermostats                                                           | PAC-US445CN-1     |
|                                                                                                                                                                                                                                                                                                                                                                                                                                             | Wireless Interface Adapter for the Comfort app                                                           | PAC-USWHS002-WF-2 |
| Remote Sensor                                                                                                                                                                                                                                                                                                                                                                                                                               | Remote Temperature Sensor for MFZ MLZ and MSZ models                                                     | M21EAA307         |
|                                                                                                                                                                                                                                                                                                                                                                                                                                             | Wireless temperature and humidity sensor for the Comfort app                                             | PAC-USWHS003-TH-1 |
| Condensate                                                                                                                                                                                                                                                                                                                                                                                                                                  | Blue Diamond Advanced Mini Condensate Pump w Reservoir Sensor 208230V recommended                        | X87-721           |
|                                                                                                                                                                                                                                                                                                                                                                                                                                             | Blue Diamond MaxiBlue Advanced Mini Condensate Pump w Reservoir Sensor 110V up to 48000 BTUH recommended | X87-711           |
|                                                                                                                                                                                                                                                                                                                                                                                                                                             | Blue Diamond MegaBlue Advanced Condensate Pump w Reservoir Sensor                                        | X87-835           |
|                                                                                                                                                                                                                                                                                                                                                                                                                                             | Blue Diamond MicroBlue Mini Condensate Pump 110208230V up to 18000 BTUH                                  | X86-003           |
|                                                                                                                                                                                                                                                                                                                                                                                                                                             | Blue Diamond Sensor Extension Cable 15 Ft                                                                | C13-103           |
|                                                                                                                                                                                                                                                                                                                                                                                                                                             | Drain Pan Level SensorControl                                                                            | SS610E            |
|                                                                                                                                                                                                                                                                                                                                                                                                                                             | Refco Condensate Pump 100-240 VAC up to 120000 BTUH                                                      | COMBI             |
|                                                                                                                                                                                                                                                                                                                                                                                                                                             | Refco Condensate Pump 100-240 VAC                                                                        | GOBI-II           |
|                                                                                                                                                                                                                                                                                                                                                                                                                                             | REFCO PUMP 100-240 VAC 506O HZ                                                                           | X86-011           |
| Wireless Remote Controller                                                                                                                                                                                                                                                                                                                                                                                                                  | Sauermann Condensate Pump                                                                                | SI30-230          |
|                                                                                                                                                                                                                                                                                                                                                                                                                                             | Lockdown Bracket for Wireless Handheld Remote Controllers                                                | RCMKP1CB          |
| Disconnect Switch                                                                                                                                                                                                                                                                                                                                                                                                                           | RedLINK Wireless Remote Controller                                                                       | MHK2              |
|                                                                                                                                                                                                                                                                                                                                                                                                                                             | 30A600VUL fits 2 X 4 utility box - Black                                                                 | TAZ-MS303         |
| Drain Hose                                                                                                                                                                                                                                                                                                                                                                                                                                  | 30A600VUL fits 2 X 4 utility box - White                                                                 | TAZ-MS303W        |
|                                                                                                                                                                                                                                                                                                                                                                                                                                             | Flexible Mini-Split Drain Hose                                                                           | DRX-16            |
| Wired Remote Controller                                                                                                                                                                                                                                                                                                                                                                                                                     | Deluxe Wired MA Remote Controller                                                                        | PAR-42MAAUB       |
|                                                                                                                                                                                                                                                                                                                                                                                                                                             | Simple Direct Wired Remote Controller                                                                    | PAC-SDW01RC-1     |
|                                                                                                                                                                                                                                                                                                                                                                                                                                             | Simple MA Remote Controller <sup>1</sup>                                                                 | PAC-YT53CRAU-J    |
|                                                                                                                                                                                                                                                                                                                                                                                                                                             | Touch MA Wired Remote Controller <sup>1</sup>                                                            | PAR-CT01MAU-SB    |
| Filter                                                                                                                                                                                                                                                                                                                                                                                                                                      | Electro Static Anti-allergy Enzyme Filter                                                                | MAC-2320FT-E      |
|                                                                                                                                                                                                                                                                                                                                                                                                                                             | Microparticle Filter                                                                                     | MAC-EMF515FT-E    |
| Power Supplies and Auxiliary Components                                                                                                                                                                                                                                                                                                                                                                                                     | Backup Heat Relay Kit Adapter for CN24 or CN152 Connector                                                | CN24RELAY-KIT-CM3 |
| NOTES<br><sup>1</sup> Requires MAC-334IF-E Interface to connect MA controller<br><sup>1</sup> Requires MAC-334IF-E Interface to connect MA controller<br><sup>1</sup> Requires MAC-334IF-E Interface to connect MA controller<br><sup>1</sup> Requires MAC-334IF-E Interface to connect MA controller<br><sup>2</sup> Allows IDU Connection to MA Controller:<br>Deluxe MA Remote Controller<br>Simple MA Controller<br>Touch MA Controller |                                                                                                          |                   |

OUTDOOR UNIT ACCESSORIES: MUZ-JX09WL

|                      |                                                     |                |
|----------------------|-----------------------------------------------------|----------------|
| Hail Guards          | Hail Guard                                          | HG-B4          |
| Mini-Split Wire      | 14 Gauge 4 wire Armored MiniSplit Cable250 ft roll  | SW144-250      |
|                      | 14 Gauge 4 wire Armored MiniSplit Cable50 ft roll   | SW144-50       |
|                      | 14 Gauge 4 wire MiniSplit Cable250 ft roll          | S144-250       |
|                      | 14 Gauge 4 wire MiniSplit Cable50 ft roll           | S144-50        |
| Air Outlet Guide     | Air Outlet Guide                                    | MAC-881SG-E    |
| Control/Service Tool | M- & P-Series Maintenance Tool Cable Set            | M21EC0397      |
|                      | Maintenance Tool Interface                          | PAC-USCMS-MN-1 |
| Stand                | 18 Single Fan Stand                                 | QSMS1801M      |
|                      | 24 Single Fan Stand                                 | QSMS2401M      |
|                      | Condenser Wall Bracket - Stainless Steel Finish     | QSWBSS         |
|                      | Condenser Wall Bracket                              | QSWB2000M-1    |
|                      | Outdoor Unit 3-14 inch Mounting Base Pair - Plastic | DSD-400P       |
|                      | Outdoor Unit Stand 12 High                          | QSMS1201M      |
| Mounting Pad         | Condensing Unit Mounting Pad 16 x 36 x 3            | ULTRILITE1     |
| Snow/Rain Diverter   | SnowRain Diverter                                   | SRD-1          |
| Drain Socket         | Drain Socket                                        | MAC-871DS      |
| NOTES                |                                                     |                |

MSZ-JX09WL- U1  
MSZ-JX12WL- U1



|         |  |
|---------|--|
| REMOCON |  |
|---------|--|

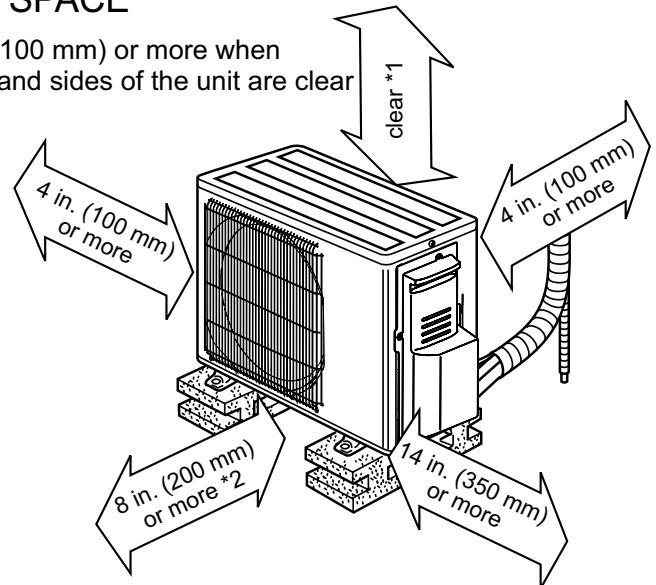
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|------|-------------|-------------------------------------------|
| PING | INSULATION  | φ1-15/32 0.D                              |
| P    | LIQUID LINE | φ1/4 - 19-11/16 (FLARED CONNECTION φ1/4)  |
| P    | GAS LINE    | φ3/8 - 17-23/32 (FLARED CONNECTION φ3/8)  |
|      | DRAIN HOSE  | INSULATION φ1-5/32 CONNECTED PAR φ5/8 O.D |

# OUTDOOR UNIT DIMENSIONS: MUZ-JX09WL

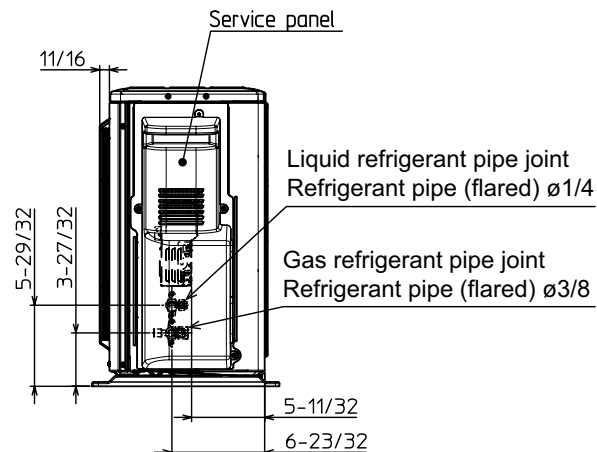
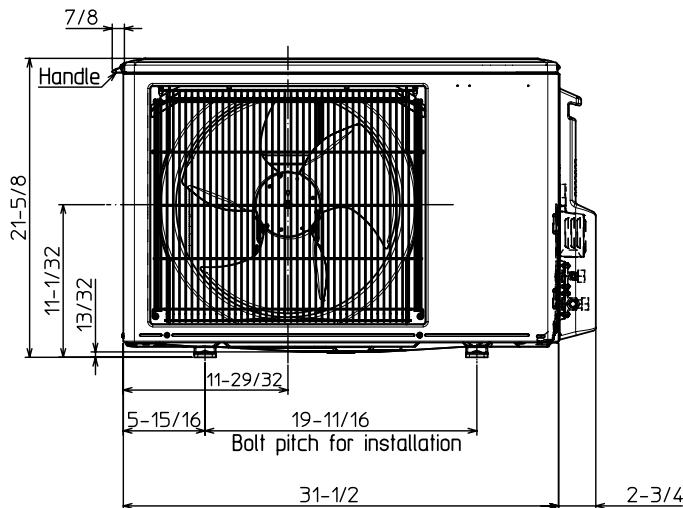
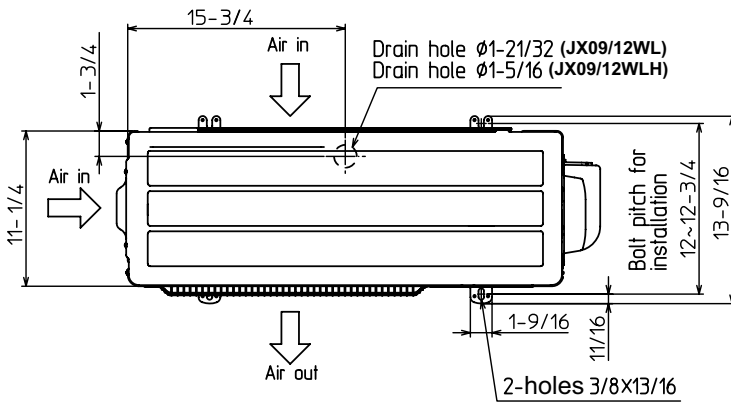
**MUZ-JX09WL-U1**  
**MUZ-JX12WL-U1**  
**MUZ-JX09WLH-U1**  
**MUZ-JX12WLH-U1**

## REQUIRED SPACE

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



\*2 When any 2 sides of left, right and rear of the unit are clear



|                        |                         |             |
|------------------------|-------------------------|-------------|
| REFRIGERANT PIPE JOINT | LIQUID REFRIGERANT PIPE | FLARED 1/4" |
|                        | GAS REFRIGERANT PIPE    | FLARED 3/8" |

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