

Outdoor Unit Single Zone Heat Pump Ductless System

Outdoor Model: 38MHRBQ12AA3

Submittal Data

Job Data: Location:

Buyer: Buyer P.O. #: Carrier #:

Unit Number: Model Number:

Performance Data Certified By: Date:



STANDARD FEATURES

- Cost competitive
- Variable Speed (Inverter)
- Factory installed Base Pan Heater
- Auto-restart function
- Condenser high-temperature protection
- Refrigerant leakage detection
- Quiet outdoor operation
- Anti-corrosive fin coating

LIMITED WARRANTY*

- 10 year limited to original purchaser on compressor and parts upon timely registration, otherwise 5 years
- *For residential applications. See warranty for full details.

Specifications

| | | | |
|-----------------|--------------------------------|-----------------|----------------|
| System | Size | 12 | |
| | Outdoor Model | 38MHRBQ12AA3 | |
| Electrical | Voltage, Phase, Cycle | V/Ph/Hz | 208/230-1-60 |
| | MCA | A. | 10 |
| | MOCP - Fuse Rating | A. | 15 |
| Operating Range | Cooling Outdoor DB Min - Max | °F(°C) | 0~122 (-17~50) |
| | Heating Outdoor DB Min - Max | °F(°C) | 0~86 (-17~30) |
| Piping | Total Piping Length | ft (m) | 82 (25) |
| | Piping Lift* | ft (m) | 33 (10) |
| | Pipe Connection Size - Liquid | in (mm) | 1/4 (6.35) |
| | Pipe Connection Size - Suction | in (mm) | 1/2 (12.7) |
| Refrigerant | Refrigerant Type | R410A | |
| | Charge | lbs (kg) | 2.12 (0.96) |
| | Metering Device | EEV | |
| Outdoor Coil | Face Area | Sq. Ft. | 4.1 |
| | No. Rows | 1.6 | |
| | Fins per inch | 18 | |
| | Circuits | 4 | |
| Compressor | Type | Rotary Inverter | |
| | Model | ASN98D22UFZ | |
| | Oil Type | VG74 | |
| | Oil Charge | Fl. Oz. | 13.0 |
| | Rated Current | RLA | 6.8 |

* Condensing unit above or below indoor unit

| | | | |
|--------------------------|--------------------------------|----------|--------------|
| Performance High Wall | Energy Star | | NO |
| | Cooling System Tons | | 1 |
| | Cooling Rated Capacity | Btu/h | 12,000 |
| | Cooling Cap. Range Min - Max | Btu/h | 3,700~13,000 |
| | SEER | Btu/Wh | 19.8 |
| | EER | Btu/Wh | 11.2 |
| | Heating Rated Capacity (47°F) | Btu/h | 12,000 |
| | Heating Maximum Capacity (5°F) | Btu/h | 8,880 |
| | Heating Cap. Range Min - Max | Btu/h | 3,500~13,500 |
| | HSPF | | 9.6 |
| Outdoor | COP (47°F) | W/W | 3.22 |
| | COP (5°F) | W/W | 1.6 |
| | Unit Width | in (mm) | 30.31 (770) |
| | Unit Height | in (mm) | 21.85 (555) |
| | Unit Depth | in (mm) | 11.81 (300) |
| | Net Weight | lbs (kg) | 65.5 (29.7) |
| | Airflow | CFM | 1,170 |
| Sound Pressure | dB(A) | 57.4 | |

Compatibility Table

| | |
|--------------|--------------|
| OUTDOOR UNIT | 38MHRBQ12AA3 |
| INDOOR UNIT | 40MHHQ12--3 |

Construction View

