

# Outdoor Unit Single Zone Heat Pump Ductless System

Outdoor Model: 38MHRQ12A--3

## Submittal Data

Job Data:  Location:

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

Unit Number:  Model Number:

Performance Data Certified By:  Date:



### STANDARD FEATURES

- Cost competitive
- Auto-restart function
- Condenser high-temperature protection
- Refrigerant leakage detection
- Quiet outdoor operation
- Aluminum Blue Hydrophilic pre-coated fins

### 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                  |          | 38MHRQ12A--3    |
| 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)   | 32 (10)         |
|                 | Pipe Connection Size - Liquid  | in (mm)  | 1/4 (6.35)      |
|                 | Pipe Connection Size - Suction | in (mm)  | 1/2 (12.7)      |
| Refrigerant     | Type                           |          | R410A           |
|                 | Charge                         | lbs (kg) | 2.11 (0.96)     |
|                 | Metering Device                |          | EEV             |
| Outdoor Coil    | Face Area                      | Sq. Ft.  | 4.1             |
|                 | No. Rows                       |          | 1.5             |
|                 | Fins per inch                  |          | 18              |
|                 | Circuits                       |          | 4               |
| Compressor      | 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<br>High Wall | Energy Star                    |          | NO         |
|                          | Cooling System Tons            |          | 1          |
|                          | Cooling Rated Capacity         | Btu/h    | 12000      |
|                          | Cooling Cap. Range Min - Max   | Btu/h    | 3000~12500 |
|                          | SEER                           | Btu/Wh   | 17         |
|                          | EER                            | Btu/Wh   | 10.9       |
|                          | Heating Rated Capacity (47°F)  | Btu/h    | 12000      |
|                          | Heating Maximum Capacity (5°F) | Btu/h    | 8880       |
|                          | Heating Cap. Range Min - Max   | Btu/h    | 3000~12800 |
|                          | HSPF                           |          | 9          |
|                          | COP (47°F)                     | W/W      | 3.2        |
|                          | COP (5°F)                      | W/W      | 1.6        |
| Outdoor                  | 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) | 60.6(27.5) |
|                          | Airflow                        | CFM      | 506        |
|                          | Sound Pressure                 | dB(A)    | 53         |

# Compatibility Table

|              |              |
|--------------|--------------|
| OUTDOOR UNIT | 38MHRQ12A--3 |
| INDOOR UNIT  | 40MHHQ12--3  |

## Construction View

