

# Outdoor Unit Single Zone Heat Pump Ductless System

**Outdoor Model:** 38MARBQ12AA1

## Submittal Data

Job Data:

Location:

Buyer:  Buyer P.O. #:

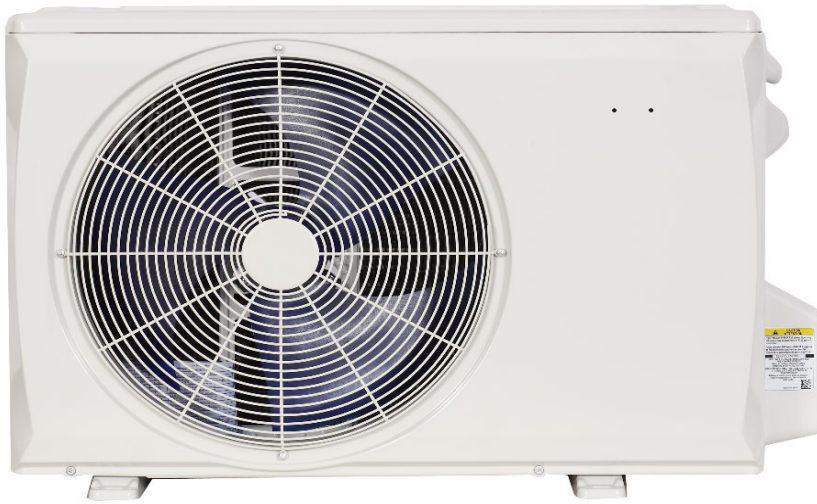
Carrier #:

Unit Number:

Model Number:

Performance Data Certified By:

Date:



### STANDARD FEATURES

- Variable Speed (Inverter)
- Factory installed Base Pan Heater
- Factory installed Crankcase Heater
- Low Voltage Controls
- Auto-Restart function
- Condenser High Temp Protection
- Modes: Cool, Heat, Dry, Fan, Auto
- Quiet 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.



NOTE: Images for illustration purposes only. Actual models may be slightly different.

|                 |                                |              |                  |
|-----------------|--------------------------------|--------------|------------------|
| System          | Size                           | 12           |                  |
|                 | Outdoor Model                  | 38MARBQ12AA1 |                  |
| Electrical      | Voltage, Phase, Cycle          | V/Ph/Hz      | 115-1-60         |
|                 | MCA                            | A.           | 19               |
|                 | MOCP - Fuse Rating             | A.           | 25               |
| Operating Range | Cooling Outdoor DB Min - Max   | °F(°C)       | -22~122 (-30~50) |
|                 | Heating Outdoor DB Min - Max   | °F(°C)       | -22~86 (-30~30)  |
| Piping          | Total Piping Length            | ft (m)       | 82 (25)          |
|                 | Piping Lift <sup>1</sup>       | 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     | Refrigerant Type               | R410A        |                  |
|                 | Metering Device                | EEV          |                  |
|                 | Charge                         | lbs (kg)     | 2.47 (1.12)      |

\* Condensing unit above or below indoor unit  
For Compatibility See Product Data

|              |                |                 |              |
|--------------|----------------|-----------------|--------------|
| Outdoor Coil | Face Area      | Sq. Ft.         | 7.9          |
|              | No. Rows       | 2               |              |
|              | Fins per inch  | 21              |              |
|              | Circuits       | 4               |              |
| Compressor   | Type           | Rotary Inverter |              |
|              | Model          | KSK103D33UEZ3   |              |
|              | Oil Type       | VG74            |              |
|              | Oil Charge     | Fl. Oz.         | 10.5         |
|              | Rated Current  | RLA             | 11.5         |
| Outdoor      | Unit Width     | in (mm)         | 30.12 (765)  |
|              | Unit Height    | in (mm)         | 24.02 (610)  |
|              | Unit Depth     | in (mm)         | 11.93 (303)  |
|              | Net Weight     | lbs (kg)        | 66.80 (30.3) |
|              | Airflow        | CFM             | 794          |
|              | Sound Pressure | dB(A)           | 54.0         |

# Performance

|           |                                 |       |              |
|-----------|---------------------------------|-------|--------------|
| High Wall | Indoor Model                    |       | DHMAHBQ12XA1 |
|           | Energy Star                     |       | YES          |
|           | Cooling Rated Capacity          | Btu/h | 12,000       |
|           | Cooling Cap. Range Min - Max    | Btu/h | 3,500~13,200 |
|           | SEER                            |       | 23.0         |
|           | EER                             |       | 13           |
|           | Heating Rated Capacity (47°F)   | Btu/h | 12,100       |
|           | Heating Rated Capacity (17°F)   | Btu/h | 7,400        |
|           | Heating Maximum Capacity (17°F) | Btu/h | 12,200       |
|           | Heating Maximum Capacity (5°F)  | Btu/h | 7,100        |
|           | Heating Cap. Range Min - Max    | Btu/h | 5,000~12,200 |
|           | HSPF                            |       | 11.5         |
|           | COP (47°F)                      | W/W   | 3.70         |
|           | COP (17°F)                      | W/W   | 2.67         |
|           | COP (5°F)                       | W/W   | 2.18         |

# Construction View

Outdoor Model: 38MARBQ12AA1

