

Outdoor Unit Single Zone Heat Pump Ductless System

Outdoor Model: 38MBRBQ36AA3

Submittal Data

Job Data: Location:

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

Unit Number: Model Number:

Performance Data Certified By: Date:



STANDARD FEATURES

Features Outdoor:

- Variable Speed (Inverter) Compressor
- Basepan Heater factory installed
- Quiet operation
- Aluminum Hydrophilic pre-coated fins

- Piping length 213 ft. (65 m)

Cooling operating range -13° ~ 122° F (-25° ~ 50°C)

Heating operating range -22°~86°F (-30°~30°C)

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 | | 36 |
| | Outdoor Model | | 38MBRBQ36AA3 |
| Electrical | Voltage, Phase, Cycle | V/Ph/Hz | 208/230-1-60 |
| | MCA | A. | 30 |
| | MOCP - Fuse Rating | A. | 45 |
| Operating Range | Cooling Outdoor DB Min - Max | °F(°C) | -13~122 (-25~50) |
| | Heating Outdoor DB Min - Max | °F(°C) | -22~86 (-30~30) |
| Piping | Total Piping Length | ft (m) | 213 (65) |
| | Piping Lift | ft (m) | 98 (30) |
| | Pipe Connection Size - Liquid | in (mm) | 3/8 (9.52) |
| | Pipe Connection Size - Suction | in (mm) | 5/8 (16) |
| Refrigerant | Type | | R410A |
| | Charge | lbs (kg) | 7.05 (3.2) |
| | Metering Device | | EEV |
| Outdoor Coil | Face Area | Sq. Ft. | 9 |
| | No. Rows | | 2 |
| | Fins per inch | | 20 |
| | Circuits | | 4 |
| Compressor | Type | | R410A |
| | Model | | KTF310D43UMT |
| | Oil Type | | ESTER OIL VG74 |
| | Oil Charge | Fl. Oz. | 33.82 |
| | Rated Current | RLA | 23.5 |
| Outdoor | Unit Width | in (mm) | 41.1 (1,045) |
| | Unit Height | in (mm) | 31.9 (810) |
| | Unit Depth | in (mm) | 17.9 (455) |
| | Net Weight | lbs (kg) | 155.42 (70.5) |
| | Airflow | CFM | 2,118 |
| | Sound Pressure | dB(A) | 61.7 |

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

Performance

| | | | |
|-------------|--------------------------------|-------|---------------|
| Air Handler | Indoor Model | | 40MBAAQ36XA3 |
| | Energy Star | | NO |
| | Cooling Rated Capacity | Btu/h | 36,000 |
| | Cooling Cap. Range Min - Max | Btu/h | 7,500~52,200 |
| | SEER | | 16.5 |
| | EER | | 8.5 |
| | Heating Rated Capacity (47°F) | Btu/h | 39,000 |
| | Heating Rated Capacity (17°F) | Btu/h | 25,000 |
| | Maximum Heating Capacity (5°F) | Btu/h | 25,800 |
| | Heating Cap. Range Min - Max | Btu/h | 11,800~45,400 |
| | HSPF | | 10.4 |
| | COP (47°F) | W/W | 3.2 |
| | COP (17°F) | W/W | 2.45 |
| | COP (5°F) | W/W | 2.3 |

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|--------|--------------------------------|-------|---------------|
| Ducted | Indoor Model | | 40MBDQ36---3 |
| | Energy Star | | NO |
| | Cooling Rated Capacity | Btu/h | 36,000 |
| | Cooling Cap. Range Min - Max | Btu/h | 7,500~52,100 |
| | SEER | | 16.7 |
| | EER | | 9 |
| | Heating Rated Capacity (47°F) | Btu/h | 40,000 |
| | Heating Rated Capacity (17°F) | Btu/h | 27,000 |
| | Maximum Heating Capacity (5°F) | Btu/h | 29,100 |
| | Heating Cap. Range Min - Max | Btu/h | 11,400~50,500 |
| | HSPF | | 11.5 |
| | COP (47°F) | W/W | 3.37 |
| | COP (17°F) | W/W | 2.6 |
| | COP (5°F) | W/W | 2.5 |

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|----------|--------------------------------|-------|---------------|
| Cassette | Indoor Model | | 40MBCQ36---3 |
| | Energy Star | | NO |
| | Cooling Rated Capacity | Btu/h | 36,000 |
| | Cooling Cap. Range Min - Max | Btu/h | 7,500~52,200 |
| | SEER | | 17.6 |
| | EER | | 9 |
| | Heating Rated Capacity (47°F) | Btu/h | 38,000 |
| | Heating Rated Capacity (17°F) | Btu/h | 22,000 |
| | Maximum Heating Capacity (5°F) | Btu/h | 32,200 |
| | Heating Cap. Range Min - Max | Btu/h | 12,600~55,800 |
| | HSPF | | 10.6 |
| | COP (47°F) | W/W | 3.01 |
| | COP (17°F) | W/W | 2.49 |
| | COP (5°F) | W/W | 2.41 |

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|---------------|--------------------------------|-------|---------------|
| Floor Console | Indoor Model | | 40MBFQ36---3 |
| | Energy Star | | NO |
| | Cooling Rated Capacity | Btu/h | 36,000 |
| | Cooling Cap. Range Min - Max | Btu/h | 7,500~52,100 |
| | SEER | | 17 |
| | EER | | 8 |
| | Heating Rated Capacity (47°F) | Btu/h | 38,000 |
| | Heating Rated Capacity (17°F) | Btu/h | 22,000 |
| | Maximum Heating Capacity (5°F) | Btu/h | 29,300 |
| | Heating Cap. Range Min - Max | Btu/h | 11,400~50,000 |
| | HSPF | | 10 |
| | COP (47°F) | W/W | 2.8 |
| | COP (17°F) | W/W | 2.3 |
| | COP (5°F) | W/W | 2.05 |

Construction View

