

Single Phase VRF Outdoor Unit 38VMB048HDS3-1—Heat Pump



Submittal Data

Job Name _____ Location _____
Tag _____



A210498

Standard Features

- High Efficiency Rotary Inverter Compressor
- Optimized Compressor Start-Up Technology
- DC Condenser Fan Motor
- Aerodynamic Fan Design for Increased Airflow
- Field Configurable Four Side Piping Connection
- 492 ft (150m) actual total system piping (liquid line)

| | | |
|--|---------|----------------|
| Header Unit Model | | 38VMB048HDS3-1 |
| PERFORMANCE | | |
| Nominal Cooling Capacity | Btu/h | 48,000 |
| Nominal Heating Capacity | Btu/h | 52,500 |
| Maximum Total Connected Indoor Unit Capacity | | 50% to 130% |
| COOLING EFFICIENCY† | | |
| SEER2, Ducted FCUs | Btu/Wh | 17.00 |
| SEER2, Ductless FCUs | Btu/Wh | 19.00 |
| HEATING EFFICIENCY† | | |
| HSPF2, Ducted FCUs | Btu/Wh | 8.50 |
| HSPF2, Ductless FCUs | Btu/Wh | 8.90 |
| Fan Type (Qty) | | Propeller (2) |
| Airflow, Standard Range | CFM | 4,100 |
| Sound Pressure, Cooling/Heating | dBA | 60.1 |
| ELECTRICAL | | |
| Power Supply | V/Ph/Hz | 208-230/1/60 |
| Minimum Circuit Amps (MCA) | A | 38 |
| Recommended Fuse Size | A | 40 |

LEGEND

SEER —Seasonal Energy Efficiency Ratio
FCU —Fan Coil Unit
HSPF—Heating Seasonal Performance Factor

| | | |
|---|-----|--|
| COMPRESSORS | | |
| Type (Number) | | Hermetically Sealed Rotary DC Inverter (1) |
| FAN MOTOR | | |
| Motor Type (Qty) | | Brushless DC (2) |
| PHYSICAL DATA | | |
| Pipe Connection Size - Liquid (High Pressure) | in. | 3/8 |
| Pipe Connection Size - Gas (Low Pressure) | in. | 5/8 |
| Refrigerant | | R-410A |
| Factory Charge†† | lb | 8.6 |
| Unit Width | in. | 35-1/2 |
| Unit Height | in. | 52-1/4 |
| Unit Depth | in. | 15-3/4 |
| Net Weight | lb | 220.0 |
| OPERATING TEMPERATURE RANGE | | |
| Cooling (DB) | °F | 5~118 |
| Heating (WB) | °F | -13~64 |

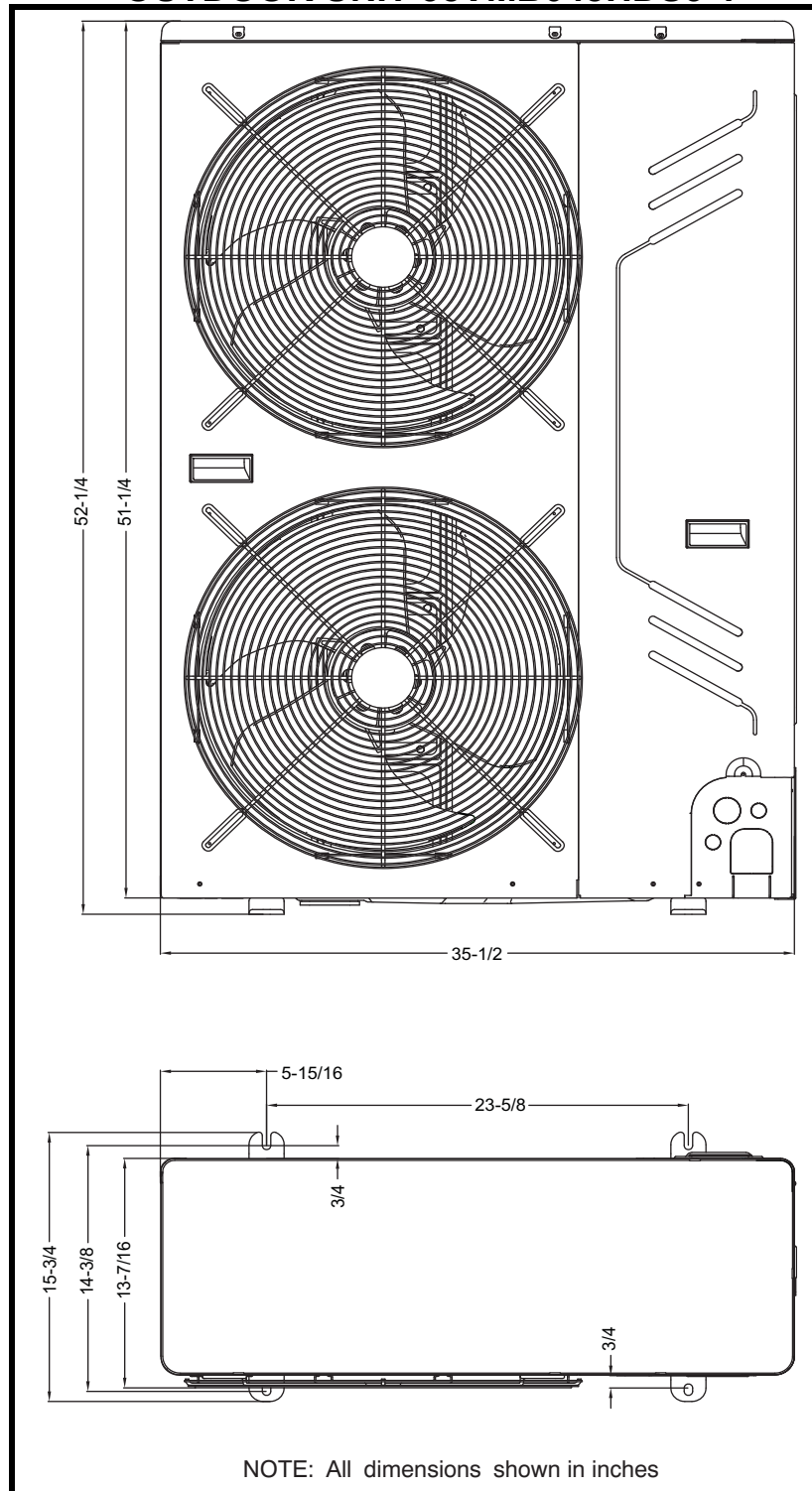
†Rated per AHRI (Air-Conditioning, Heating and Refrigeration Institute) 210/240 Standard.

Cooling: Indoor 80°F (27°C) db/67°F (20°C) wb; Outdoor 95°F (35°C) db

Heating: Indoor 70°F (21°C) db; Outdoor 47°F (8°C) db/43°F (6°C) wb

††Additional charge required.

DIMENSIONAL DRAWING OUTDOOR UNIT 38VMB048HDS3-1



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