

Single Phase VRF Outdoor Unit 38VMA048HDS3-1—Heat Pump



Submittal Data

Job Data _____ Location _____
 Buyer _____ Buyer PO # _____ Carrier # _____
 Unit Number _____ Model Number _____
 Performance Data Certified By _____ Date _____



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		38VMA048HDS3-1	
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†			
SEER, Ducted FCUs	Btu/Wh	17.80	
SEER, Ductless FCUs	Btu/Wh	18.00	
HEATING EFFICIENCY†			
HSPF, Ducted FCUs	Btu/Wh	9.60	
HSPF, Ductless FCUs	Btu/Wh	9.20	
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)
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FAN MOTOR

Motor Type (Qty)	Brushless DC (2)	
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PHYSICAL DATA

Pipe Connection Size - Liquid (High Pressure)	in.	3/8
Pipe Connection Size - Gas (Low Pressure)	in.	5/8
Refrigerant		
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

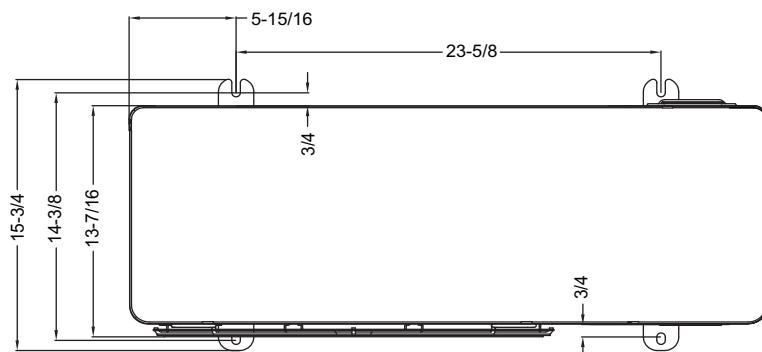
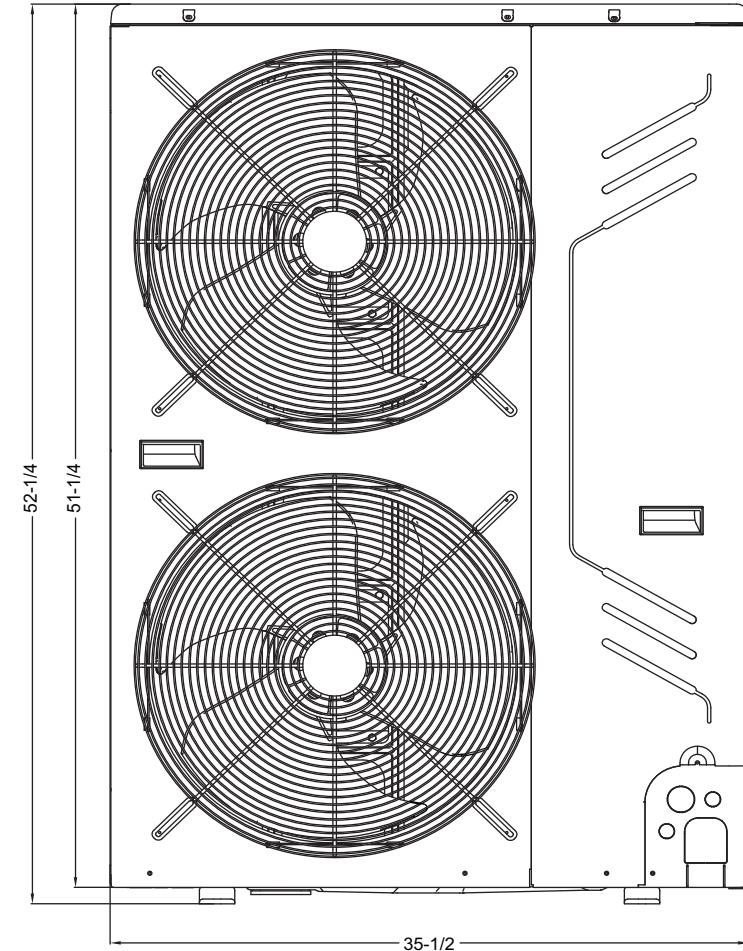
†Rated per AHRI (Air-Conditioning, Heating and Refrigeration Institute) 210/240 Standard.

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 38VMA048HDS3-1**



NOTE: All dimensions shown in inches



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Replaces: New

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