

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

Carrier

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

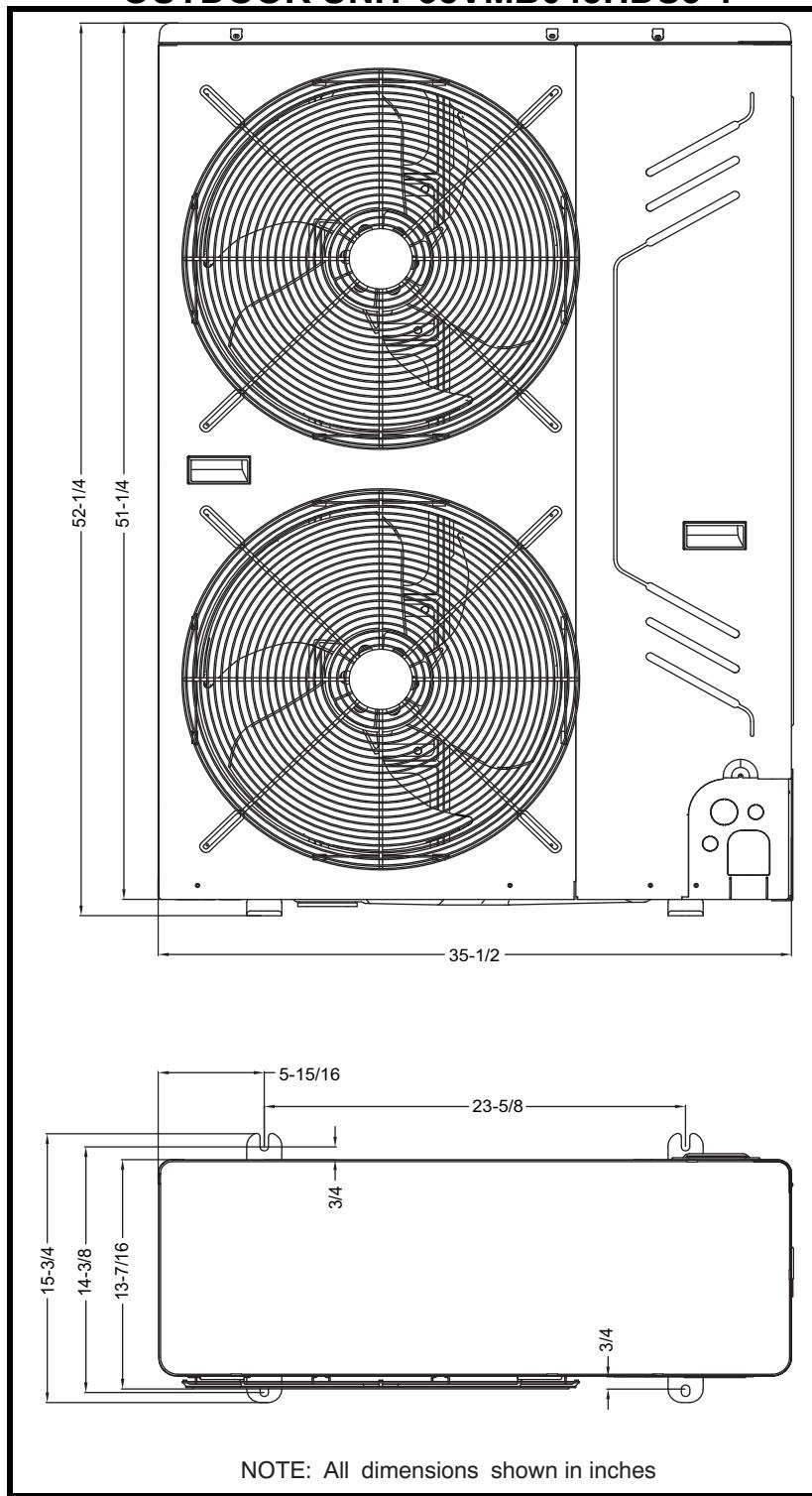
†Rated per AHRI (Air-Conditioning, Heating and Refrigeration Institute) 210/240 Standard.

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 38VMH048HDS3-1



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