



Submittal Data Sheet

04-Ton VRV-III-S Heat Pump Unit

RXYMQ48PVJU

FEATURES

- Single-phase technology enables installation in light commercial and residential applications
- Space-saving design and flexible indoor unit options offer quick and easy installation
- Standard Limited Warranty: 10-year warranty on compressor and all parts





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PERFORMANCE

Outdoor Unit Model No.	RXYMQ48PVJU	Outdoor Unit Name:	04-Ton VRV-III-S Heat Pump Unit
Type:	Heat Pump	Rated Cooling Conditions:	Indoor (°F DB/DB): 80 / 67 Ambient (°F DB/WB): 95 / 75
Rated Cooling Capacity (Btu/hr):	47,500	Rated Heating Conditions:	Indoor (°F DB/WB): 70 / 70 Ambient (°F DB/WB): 47 / 43
Max/Min Cooling Capacity (Btu/hr):	48,000 /	Rated Piping Length(ft):	
Cooling Input Power (kW):	4.73	Rated Height Difference (ft):	0.00
Rated Heating Capacity (Btu/hr):	54,000	SEER (Non-Ducted/Ducted):	15.10 / 13.20
Max/Min Heating Capacity (Btu/hr):	52,500 /	HSPF (Non-Ducted/Ducted):	9.1 / 8.8
Heating Input Power (kW):	4.26	Heating COP (Non-Ducted/Ducted):	2.6 /

OUTDOOR UNIT DETAILS

Power Supply (V/Hz/Ph):	208-230 / 60 / 1	Compressor Type:	Inverter
Power Supply Connections:	L1, L2, Ground	Capacity Control Range (%):	29 - 100
Min. Circuit Amps MCA (A):	27.00	Airflow Rate (H) (CFM):	3,740
Max Overcurrent Protection (MOP) (A):	30.00	Gas Pipe Connection (inch):	5/8
Max Starting Current MSC(A):		Liquid Pipe Connection (inch):	3/8
Rated Load Amps RLA(A):	23.3	Sound Pressure (H) (dBA):	58
Dimensions (HxWxD) (in):	52-15/16 x 35-7/16 x 12-5/8	Sound Power Level (dBA):	69
Net Weight (lb):	283		

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SYSTEM DETAILS

Refrigerant Type:	R-410A	Cooling Operation Range (°F DB):	23 - 115
Holding Refrigerant Charge (lbs):	8.8	Heating Operation Range (°F WB):	0 - 77
Additional Charge (lb/ft):		Max. Pipe Length (Vertical) (ft):	
Pre-charge Piping (Length) (ft):		Cooling Range w/Baffle (°F DB):	-
Max. Pipe Length (Total) (ft):	492	Heating Range w/Baffle (°F WB):	4 - 60
Max Height Separation (Ind to Ind ft):	0		

DIMENSIONAL DRAWING

