



Submittal Data Sheet

4 Ton VRV-IV S Heat Pump Unit

RXTQ48TAVJU

FEATURES

- Variable Refrigerant Temperature (VRT) technology allows VRV IV S series to deliver improved efficiencies and year round comfort
- Improved efficiencies with SEER values up to 18.0 and HSPF values up to 10.0
- Engineered with highly reliable Daikin Swing compressors
- All inverter compressors to increase efficiency and avoid starting current rush
- Can provide heating down to -4°F
- Added safety with optional auto changeover to auxiliary heat
- Easier installation with over 60% weight reduction compared to VRV III S

BENEFITS

- Single-phase technology enables installation in light commercial and residential applications
- Broader diversity with up to 10 indoor units connectivity
- Space saving compact design
- Design flexibility with long piping lengths up to 984ft total and 49ft vertical separation between indoor units
- Designed with reduced MOP to optimize installation costs
- Backed by best in class 10-years Parts Limited Warranty and 10-years Replacement Compressor Limited Warranty*





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PERFORMANCE

Outdoor Unit Model No.	RXTQ48TAVJU	Outdoor Unit Name:	4 Ton VRV-IV S Heat Pump Unit
Type:	Heat Pump		
Rated Cooling Conditions:	Indoor (°F DB/DB): 80 / 67 Ambient (°F DB/WB): 95 / 75	Rated Heating Conditions:	Indoor (°F DB/WB): 70 / 60 Ambient (°F DB/WB): 47 / 43
Rated Piping Length(ft):	25		
Rated Height Difference (ft):			
Rated Cooling Capacity (Btu/hr):	45,500	Rated Heating Capacity (Btu/hr):	49,500
Cooling Input Power (kW):	4.85	Heating Input Power (kW):	4.00
EER (Non-Ducted/Ducted):	10.30 / 9.40	Heating COP (Non-Ducted/Ducted):	/
SEER (Non-Ducted/Ducted):	18.00 / 16.00	HSPF (Non-Ducted/Ducted):	10.0 / 9.0
Max/Min Cooling Capacity (Btu/hr):	/	Max/Min Heating Capacity (Btu/hr):	

OUTDOOR UNIT DETAILS

Power Supply (V/Hz/Ph):	208-230 / 60 / 1	Compressor Type:	Inverter
Power Supply Connections:		Capacity Control Range (%):	14 - 100
Min. Circuit Amps MCA (A):	29.10	Airflow Rate (H) (CFM):	2,682
Max Overcurrent Protection (MOP) (A):	35.00	Gas Pipe Connection (inch):	5/8
Max Starting Current MSC(A):		Liquid Pipe Connection (inch):	3/8
Rated Load Amps RLA(A):	19.0	Sound Pressure (H) (dBA):	58
Dimensions (HxWxD) (in):	39.00 x 37.00 x 12-5/8	Sound Power Level (dBA):	76
Net Weight (lb):	176		

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 4 Ton VRV-IV S Heat Pump Unit
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SYSTEM DETAILS

Refrigerant Type:	R-410A	Cooling Operation Range (°F DB):	23 - 122
Holding Refrigerant Charge (lbs):	7.5	Heating Operation Range (°F WB):	-4 - 60
Additional Charge (lb/ft):		Max. Pipe Length (Vertical) (ft):	98
Pre-charge Piping (Length) (ft):		Cooling Range w/Baffle (°F DB):	-
Max. Pipe Length (Total) (ft):	984	Heating Range w/Baffle (°F WB):	-
Max Height Separation (Ind to Ind ft):			

DIMENSIONAL DRAWING

