



## Submittal Data Sheet

2.0 Ton R-32 VRV-S Heat Pump

RXTA24AAVJU

### FEATURES

- Expanded line up with 2 ton 5 ton offering.
- Extended piping capability with vertical separation up to 164ft and total pipe length up to 984 ft.
- Simplicity in design and installation with compact and space saving single fan chassis size, across all tonnages, allows the unit to be installed in tight spaces.
- Compact height of 34-1/4 enables the unit to be tucked under in most ledge/balcony applications
- Efficient operation and year-round energy savings through Smart Variable Refrigerant Temperature (VRT) technology
- Improved efficiencies in heating and cooling operation compared to R-410A lineup
- Quiet operation with sound levels as low as 56 dB(A)
- Ease of retrofit of existing R-410A installation with ability to re-use larger diameter refrigerant pipes via field setting
- Optional base pan heater to defrost base pan in cooler climate applications
- Increased nominal capacity for 5 ton unit to 60,000 Btu/hr
- New 7 segment display for easier access to field setting



### BENEFITS

- Single-phase technology enables installation in light commercial and residential applications
- Broader diversity with up to 9 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



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PERFORMANCE

Outdoor Unit Model No.	RXTA24AAVJU	Outdoor Unit Name:	2.0 Ton R-32 VRV-S Heat Pump
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):			
Rated Height Difference (ft):	49.00		
Cooling Capacity (Rated/Non-Ducted/Ducted) (Btu/hr):	/ 23,000 / 23,000	Heating Capacity (Rated/Non-Ducted/Ducted) (Btu/hr):	/ 25,800 / 25,000
Cooling Input Power (kW):		Heating Input Power (kW):	
EER2 (Non-Ducted/Ducted):	14.80 / 11.80	SEER2 (Non-Ducted/Ducted):	23.30 / 16.00
HSPF2 (Non-Ducted/Ducted):	9.6 / 8.2	Heating COP (Non-Ducted/Ducted):	

OUTDOOR UNIT DETAILS

Power Supply (V/Hz/Ph):	208/230 / 60 / 1	Compressor Stage:	Inverter
Power Supply Connections:	L1, L2, G	Capacity Control Range (%):	14 - 100
Min. Circuit Amps MCA (A):	19.8	Airflow Rate (H) (CFM):	3000
Max Overcurrent Protection (MOP) (A):	20	Gas Pipe Connection (inch):	5/8
Max Starting Current MSC(A):		Liquid Pipe Connection (inch):	3/8
Fan/Compressor Drive Input:	15.1	Sound Pressure (H) (dBA):	56
Dimensions (HxWxD) (in):	34-1/4 x 43-5/16 x 18-1/8	Sound Power Level (dBA):	74
Net Weight (lb):	220		

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## SYSTEM DETAILS

Refrigerant Type:	R-32	Cooling Operation Range (°F DB):	23 - 122
Holding Refrigerant Charge (lbs):	7.5	Heating Operation Range (°F WB):	-4 - 60
Additional Charge (oz/ft):		Max. Pipe Length (Vertical) (ft):	164
Pre-charge Piping (Length) (ft):		Cooling Range w/Baffle (°F DB):	-
Max. Pipe Length (Total) (ft):	984		
Max Height Separation (Ind to Ind ft):	49		
Fan/Compressor Drive Input:	15.1		

## DIMENSIONAL DRAWING

