

#### **Submittal Data Sheet**

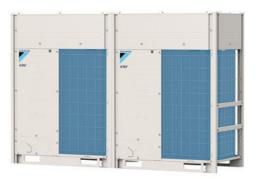
18 Ton, 230V, VRV IV HP RXYQ216TATJU

## **FEATURES**

- Larger capacity single modules ranging up to 14 tons and systems up to 34 tons allow for a more flexible system design
- Variable Refrigerant Temperature (VRT) control allows the VRV IV to deliver up to 28% of improvement in seasonal cooling efficiency compared to previous Daikin VRV heat pump systems
- Modular and lightweight enables flexibility in system layout and installation with larger capacity single modules reducing electrical, piping connections
- System wide auto-climate adjustment technology to increase the energy efficiency
- Improved efficiency with IEER values now up to 28
- The rated seasonal cooling efficiency has been improved by an average of 11%
- All inverter compressors to increase the efficiency and avoid starting current inrush
- Same product structure for 230V and 460V simplifies ordering
- New configurator software designed to simplify the commissioning and maintenance of the system
- Factory standard coil guards
- Assembled in the US to increase flexibility and reduce lead times
- Standard Limited Warranty: 10-year limited parts warranty

#### **BENEFITS**

- Can operate up to 37 indoor units on a single piping network
- Modular and lightweight enables flexibility in system layout and installation
- Refrigerant cooled inverted technology to avoid influence from ambient temperatures
- Integrated inverter technology deliver maximum efficiency during part load conditions and provide precise individual zone control
- Heat exchanger coil wraps around on all 4 sides of the unit to increase the surface area and efficiency
- Corrosion resistance 1000hr salt spray tested Daikin PE blue fin heat exchanger
- Design flexibility with long piping lengths up to 3,280 ft. total and 100 ft. vertical separation between indoor units
- Designed with reduced MOP to optimize installation cost
- Digital display on the unit for improved and faster configuration, commissioning, and trouble shooting











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18 Ton, 230V, VRV IV HP RXYQ216TATJU

PERFORMANCE			
Outdoor Unit Model No.	RXYQ216TATJU	Outdoor Unit Name:	18 Ton, 230V, VRV IV HP
Туре:	Heat Pump	Unit Combination:	RXYQ96TATJU + RXYQ120TATJU
Rated Cooling Conditions:	Indoor (°F DB/WB): 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):			
Rated Cooling Capacity (Btu/hr):	206,000	Rated Heating Capacity (Btu/hr):	230,000
Nom Cooling Capacity (Btu/hr):	216,000	Nom Heating Capacity (Btu/hr):	243,000
Cooling Input Power (kW):	17.90	Heating Input Power (kW):	16.60
EER (Non-Ducted/Ducted):	10.70 / 10.90	Heating COP (Non-Ducted/Ducted):	3.8 / 3.5
IEER (Non-Ducted/Ducted):	20.50 / 21.10	Heating COP 17F (Non-Ducted/Ducted):	2.6 / 2.5
OUTDOOR UNIT DETAILS			
Power Supply (V/Hz/Ph):	208-230 / 60 / 3	Compressor Stage:	Inverter
Power Supply Connections:	L1, L2, L3 Ground	Capacity Control Range (%):	15 - 100
Min. Circuit Amps MCA (A):	36.3+36.3	Capacity Index Limit:	108.0 - 280.0
Max Overcurrent Protection (MOP) (A):	45+45	Airflow Rate (H) (CFM):	5827+6286
Max Starting Current MSC(A):		Gas Pipe Connection (inch):	1-1/8
Rated Load Amps RLA(A):	23.8+26.2	Liquid Pipe Connection (inch):	5/8
Dimensions (Height) (in):	66-11/16	H/L Pressure Connection (inch)	
Dimensions (Width) (in):	48-7/8+48-7/8	H/L Equalizing Connection (inch)	
Dimensions (Depth) (in):	30-3/16	Sound Pressure (H) (dBA):	64
Net Weight (lb):	525+528	Sound Power Level (dBA):	
		Max. No. of Indoor Units:	37

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Daikin City Generated Submittal Data

www.daikinac.com www.daikincomfort.com

(Daikin's products are subject to continuous improvements. Daikin reserves the right to modify product design, specifications and information in this data sheet without notice and without incurring any obligations)

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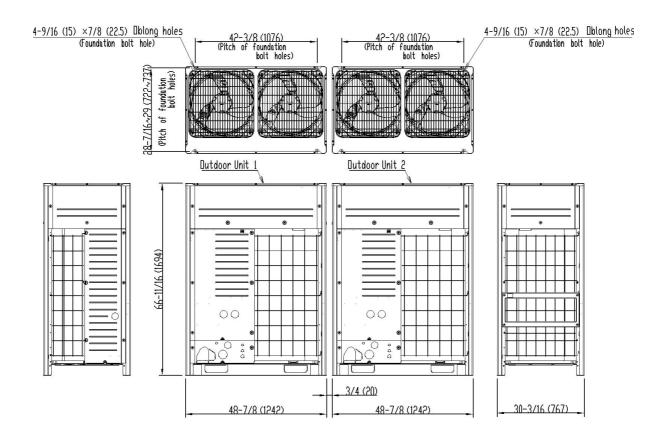


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SYSTEM DETAILS				
Refrigerant Type:	R-410A	Cooling Operation Range (°F DB):	23 - 122	
Holding Refrigerant Charge (lbs):	22.7+22.9	Heating Operation Range (°F WB):	-4 - 60	
Additional Charge (lb/ft):		Max. Pipe Length (Vertical) (ft):	295	
Pre-charge Piping (Length) (ft):		Cooling Range w/Baffle (°F DB):	-	
Max. Pipe Length (Total) (ft):	540	Heating Range w/Baffle (°F WB):	-	
Max Height Separation (Ind to Ind ft):				

# **DIMENSIONAL DRAWING**



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