



Submittal Data Sheet

16-ton VRV T-series WC HP 460V

RWEQ192TBYDA

FEATURES

- Wide capacity range with single modules of 6, 8, 10 and 12 tons and systems up to 36 tons for a more flexible system design
- Year round comfort and energy efficiency by combining VRV and VRT technologies
- Compact casing (Height: 38-9/16 in Width: 30-1/8 in Depth: 22-1/16 in) allows flexibility in system layout and installation
- Engineered with heat rejection cancellation technology to minimize mechanical room conditioning requirements
- Variable water flow control logic as standard to increase waterside system operational efficiencies
- Operates with closed loop cooling tower, dry cooler, boiler, and geothermal solutions for optimum flexibility in system layout
- New configurator software designed to simplify the commissioning and maintenance of the system
- 3-digit 7-segment digital display on the unit for improved and faster configuration, commissioning, and troubleshooting
- Compatible with P series or T series branch selector boxes
- Standard Limited Warranty: 10-year limited parts warranty

BENEFITS

- Maximum system diversity with up to 150% connectivity of nominal capacity
- Continuous operation allows for cold climate capability delivering comfortable heating performance with no defrost operation
- Design flexibility with long piping lengths up to 980 ft. total (540 ft. max. linear liquid piping length) and 100 ft. vertical separation between indoor units
- Modular - can be installed in double or triple-stack style to maximize space saving
- Refrigerant cooled inverter technology enables consistent and reliable PCB operation
- Developed for easy installation and service: field selectable top or front refrigerant connections and drop-down electrical box for easy service to key components
- Connects to the full suite of advanced Daikin Control Solutions including I-Touch Controller and I-Touch Manager for complete system control





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PERFORMANCE

Outdoor Unit Model No.	RWEQ192TBYDA	Outdoor Unit Name:	16-ton VRV T-series WC HP 460V
Type:	Heat Pump	Unit Combination:	RWEQ96TBYDA(x2)
Rated Cooling Conditions:	Indoor (°F DB/WB): 80.6 / 66.2 EWT (°F): 86	Rated Heating Conditions:	Indoor (°F DB/WB): 68 / 59 EWT (°F): 68
Rated Piping Length(ft):			
Rated Height Difference (ft):			
Rated Cooling Capacity (Btu/hr):	184,000	Rated Heating Capacity (Btu/hr):	184,000
Nom Cooling Capacity (Btu/hr):	192,000	Nom Heating Capacity (Btu/hr):	216,000
Cooling Input Power (kW):		Heating Input Power (kW):	
EER (Non-Ducted/Ducted):	14.40 / 12.60	Heating COP (Non-Ducted/Ducted):	5.3 / 5.5
IEER (Non-Ducted/Ducted):	20.60 / 17.80	Heating COP 17F (Non-Ducted/Ducted):	/

OUTDOOR UNIT DETAILS

Power Supply (V/Hz/Ph):	460 / 60 / 3	Compressor Stage:	Inverter
Power Supply Connections:	L1, L2, L3, Ground	Capacity Control Range (%):	8-100
Min. Circuit Amps MCA (A):	17.3 + 17.3	Capacity Index Limit:	-
Max Overcurrent Protection (MOP) (A):	20 + 20	Airflow Rate (H) (CFM):	
Max Starting Current MSC(A):		Gas Pipe Connection (inch):	1-1/8
Rated Load Amps RLA(A):	8.6 + 8.6	Liquid Pipe Connection (inch):	5/8
Dimensions (Height) (in):	38-9/16		
Dimensions (Width) (in):	30-1/8		
Dimensions (Depth) (in):	22-1/16	Sound Pressure (H) (dBA):	57
Net Weight (lb):	440.9 + 440.9	Sound Power Level (dBA):	
		Max. No. of Indoor Units:	33

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SYSTEM DETAILS

Refrigerant Type:	R-410A	Cooling Operation Range (°F DB):	-
Holding Refrigerant Charge (lbs):	17.4 + 17.4		
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):	540		
Max Height Separation (Ind to Ind ft):	98		

DIMENSIONAL DRAWING

