

Submittal Data Sheet

14-ton VRV T-series WC HP 460V RWEQ168TBYDA

FEATURES

- Wide capacity range with single modules of 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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RWEQ168TBYDA

PERFORMANCE

Outdoor Unit Model No.	RWEQ168TBYDA	Outdoor Unit Name:	14-ton VRV T-series WC HP 460V
Туре:	Heat Pump	Unit Combination:	RWEQ72TBYDA + RWEQ96TBYDA
Rated Cooling Capacity (Btu/hr):	156,000	Rated Cooling Conditions:	Indoor (°F DB/WB): 80.6 / 66.2 EWT (°F): 86
Nom Cooling Capacity (Btu/hr):	162,000	Rated Heating Conditions:	Indoor (°F DB/WB): 68 / 59 EWT (°F): 68
Cooling Input Power (kW):		Rated Piping Length(ft):	
Rated Heating Capacity (Btu/hr):	156,000	Rated Height Difference (ft):	
Heating Input Power (kW):		IEER (Non-Ducted/Ducted):	20.60 / 18.30
Nom Heating Capacity (Btu/hr):	189,000	Heating COP 17F (Non- Ducted/Ducted):	1
		Heating COP (Non-Ducted/Ducted):	5.4 / 5.6

OUTDOOR UNIT DETAILS				
Power Supply (V/Hz/Ph):	460 / 60 / 3	Compressor Stage:	Inverter	
Power Supply Connections:	L1, L2, L3, Ground	Gas Pipe Connection (in):	1-1/8	
Min. Circuit Amps MCA (A):	17.2 + 17.3	Liquid Pipe Connection (in):	5/8	
Max Overcurrent Protection (MOP) (A):	20 + 20			
Max Starting Current MSC(A):				
Rated Load Amps RLA(A):	8.6 + 8.6	Water Inlet Connection (in):	1-1/4	
Dimensions (HxWxD) (in):	38-9/16 x 30-1/8 x 22-1/16	Water Outlet Connection (in):	1-1/4	
Net Weight (lb):	440.9 + 440.9	Condensate Drain Outlet (in):	3/8	
Capacity Control Range (%):	8-100	Sound Pressure (H) (dBA):	57	
Capacity Index Limit (Btu\hr):	-	Sound Power Level (dBA):		
Unit Heat Rejection (kW):		Max. No. of Indoor Units:	28	

Daikin North America LLC, 19001 Kermier Rd, Waller, TX 77484

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(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)



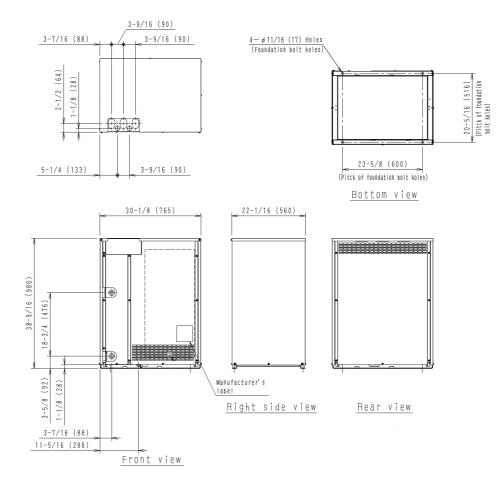
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SYSTEM DETAILS

Cooling Operation Range (°F DB):	-
Max. Pipe Length (Vertical) (ft):	164
Cooling Inlet Water Temp (Standard) (°F DB):	/ 86
Heating Inlet Water Temp (Standard) (°F WB):	/ 68
Cooling Inlet Water Temp (Geothermal) (°F DB):	/
Heating Inlet Water Temp (Geothermal) (°F WB):	/
	Max. Pipe Length (Vertical) (ft): Cooling Inlet Water Temp (Standard) (°F DB): Heating Inlet Water Temp (Standard) (°F WB): Cooling Inlet Water Temp (Geothermal) (°F DB): Heating Inlet Water Temp

DIMENSIONAL DRAWING



Daikin City Generated Submittal Data

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