

Submittal Data Sheet

24-ton VRV T-series WC HP 575V RWEQ288TBYCU

FEATURES

- Wide capacity range with single modules of 6, 8, 10 and 12 tons and systems up to 35.5 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
- 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



(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)



Submittal Data Sheet

24-ton VRV T-series WC HP 575V RWEQ288TBYCU

PERFORMANCE

Outdoor Unit Model No.	RWEQ288TBYCU	Outdoor Unit Name:	24-ton VRV T-series WC HP 575V
Туре:	Heat Pump	Unit Combination:	RWEQ144TBYCU(x2)
Rated Cooling Capacity (Btu/hr):	274,000	Rated Cooling Conditions:	Indoor (°F DB/WB): 80.6 / 66.2 EWT (°F): 86
Nom Cooling Capacity (Btu/hr):	286,000	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):	274,000	Rated Height Difference (ft):	
Heating Input Power (kW):		IEER (Non-Ducted/Ducted):	18.40 / 17.00
Nom Heating Capacity (Btu/hr):	324,000	Heating COP 17F (Non- Ducted/Ducted):	1
		Heating COP (Non-Ducted/Ducted):	5.0 / 4.8

OUTDOOR UNIT DETAILS					
Power Supply (V/Hz/Ph):	575 / 60 / 3	Compressor Stage:	Inverter		
Power Supply Connections:	L1, L2, L3, Ground	Gas Pipe Connection (in):	1-3/8		
Min. Circuit Amps MCA (A):	19.9 + 19.9	Liquid Pipe Connection (in):	3/4		
Max Overcurrent Protection (MOP) (A):	25 + 25				
Max Starting Current MSC(A):					
Rated Load Amps RLA(A):	10.6 + 10.6	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 (%):	5-100	Sound Pressure (H) (dBA):	64		
Capacity Index Limit (Btu\hr):	-	Sound Power Level (dBA):			
Unit Heat Rejection (kW):		Max. No. of Indoor Units:			

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)



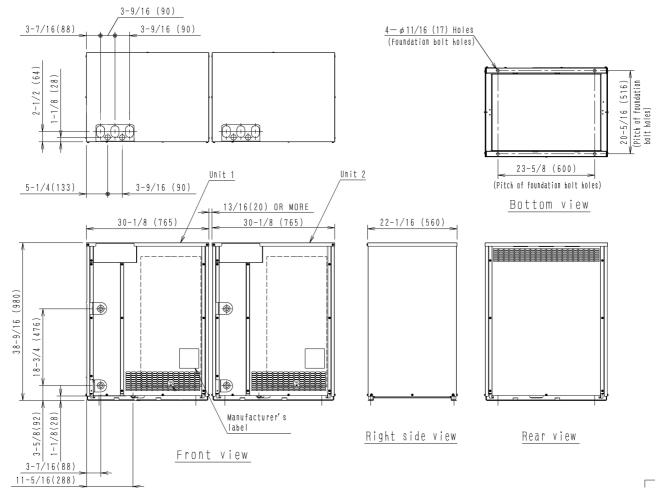
Submittal Data Sheet

24-ton VRV T-series WC HP 575V RWEQ288TBYCU

SYSTEM DETAILS

Refrigerant Type:	R-410A	Cooling Operation Range (°F DB):	-
Holding Refrigerant Charge (lbs):	21.2 + 21.2		
Additional Charge (oz/ft):		Max. Pipe Length (Vertical) (ft):	164
Pre-charge Piping (Length) (ft):		Cooling Inlet Water Temp (Standard) (°F DB):	/ 86
Max. Pipe Length (Total) (ft):	540	Heating Inlet Water Temp (Standard) (°F WB):	/ 68
Max Height Separation (Ind to Ind ft):	98	Cooling Inlet Water Temp (Geothermal) (°F DB):	1
Water Flow Range (GPM):	-	Heating Inlet Water Temp (Geothermal) (°F WB):	1

DIMENSIONAL DRAWING



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

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)