

Submittal Data Sheet

36 ton, 230V, VRV EMERION HR

REYQ432AATJB

FEATURES

- New Simple and Stylish design with expanded line up with singlemodule units from 6 - 20T and dual-modules up to 40 T
- Space-saving 16 20 T single module units provide up to 34% footprint and up to 500 lbs./unit weight reduction compared to previous series
- High energy efficiency with IEERs up to 30.0 delivers up to 30% efficiency increase
- Year-round comfort and energy savings with Daikin's Variable Refrigerant Temperature technology (VRT)
- Heating down to -13°F as standard and high heating capacities at 17°F make it an ideal choice for all-electric heat pump solutions
- Continuous heating during defrost capability with single module (16 T - 20 T) and all dual module systems
- Hot gas defrost circuit allows for installation without base pan heater
- High dust and moisture protection withan IP55 rated sealed E-box
- Dual-fuel ready with connectivity to Daikin communicating gas furnace or all-electric heat pump heating for optimized operational costs based on utility rates
- Design flexibility to enlarge system from single to a dual-module without changes to installed main pipe sizes for phased installation or tenant fit-out buildings
- Local code compliance-ready from factory via alignment with compliance needs, such as OSHPD Seismic, Miami Dade Wind, and Chicago pressure relief codes
- Reduced wiring costs with up to 34% reduction in MCA values compared to previous series
- Engineered for ease of installation and service with three-segment panel design
- Factory ships with increased space for easy field piping connections to service valves.
- Built-in data recorder to store up to 40 minutes of operational data
- Integrates with new Daikin HERO ecosystem, an IoT-based remote monitoring and diagnostics platform.

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PERFORMANCE

Outdoor Unit Model No.	REYQ432AATJB	Outdoor Unit Name:	36 ton, 230V, VRV EMERION HR
Туре:	Heat Recovery	Unit Combination:	REYQ216AATJB(x2)
Rated Cooling Conditions:	Indoor (°F DB/WB): 80 / 67 Ambient (°F DB/WB): 95 /	Rated Heating Conditions:	Indoor (°F DB/WB): / Ambient (°F DB/WB): 47 / 43
Rated Piping Length(ft):			
Rated Height Difference (ft):			
Rated Cooling Capacity (Btu/hr):	410,000	Rated Heating Capacity (Btu/hr):	404,000
Nom Cooling Capacity (Btu/hr):	430,000	Nom Heating Capacity (Btu/hr):	486,000
Cooling Input Power (kW):		Heating Input Power (kW):	
EER (Non-Ducted/Ducted):	9.80 / 9.20	Heating COP (Non-Ducted/Ducted):	3.3 / 3.2
IEER (Non-Ducted/Ducted):	18.10 / 16.30	Heating COP 17F (Non- Ducted/Ducted):	2.1/2.1
		SCHE (Non-Ducted/Ducted):	12.10 / 11.40

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 (%):	-		
Min. Circuit Amps MCA (A):	67.2 + 67.2	Capacity Index Limit:	-		
Max Overcurrent Protection (MOP) (A):	70 + 70	Airflow Rate (H) (CFM):	14505 + 14505		
Max Starting Current MSC(A):		Gas Pipe Connection (inch):	1-5/8		
Rated Load Amps RLA(A):	(20.0 + 20.0) x 2	Liquid Pipe Connection (inch):	3/4		
Dimensions (Height) (in):	65-3/8	H/L Pressure Connection (inch)	1-3/8		
Dimensions (Width) (in):	68-7/8 + 68-7/8				
Dimensions (Depth) (in):	30-1/8	Sound Pressure (H) (dBA):	72		
Net Weight (lb):	957 + 657	Sound Power Level (dBA):			

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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)

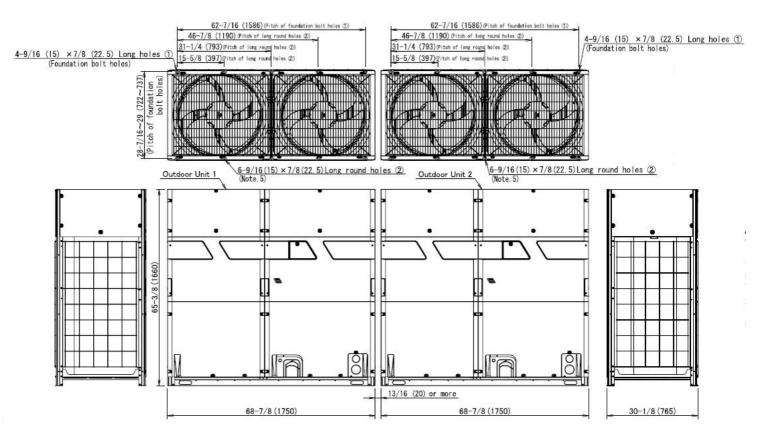


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SYSTEM DETAILS Refrigerant Type: R-410A Cooling Operation Range (°F DB): 23 - 110 25.8 + 25.8 -13 - 60 Holding Refrigerant Charge (lbs): Heating Operation Range (°F WB): Additional Charge (oz/ft): Max. Pipe Length (Vertical) (ft): 164 Cooling Range w/Baffle (°F DB): Pre-charge Piping (Length) (ft): Max. Pipe Length (Total) (ft): 3,280 Max Height Separation (Ind to Ind ft): 98

DIMENSIONAL DRAWING



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