

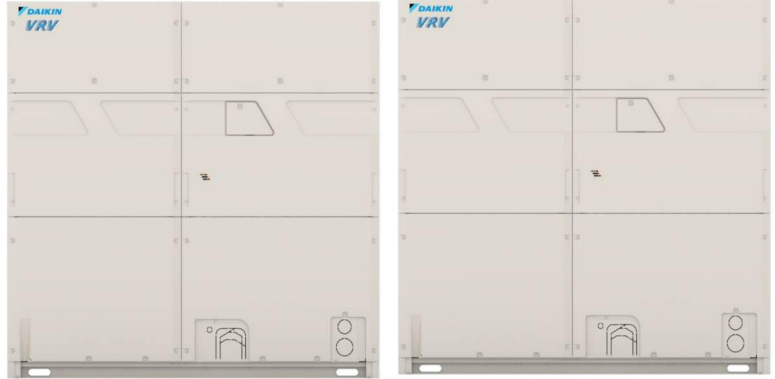


Submittal Data Sheet

40 Ton, 230V R32 EMERION HP
RXYA480AATJA

FEATURES

- Low ambient cooling operation down to -4° F (-20° C) with a field setting and the addition of wind covers onto the outdoor unit
- Expanded Heating operation down to -22°F as standard
- New improved D4 net provides faster communication speeds and larger data volume compared to the D3 net up to 30 times the amount of data compared to D3 net
- Reduced install and commissioning time through auto addressing feature with D4 communications protocol
- R-32 system with lower Global Warming Potential (GWP), provides improved efficiency compared to R410A and requires lower total system charge
- Increased energy savings through new improved VRT technology with evaporation temperature control at each indoor unit (SSOV required)
- New remote field setting option that allows data retrieval and field setting changes of units on the system from anywhere, without the need for physical access to each room
- Seven segment display to read refrigerant temperatures and pressure on digital display
- Vertical separation up to 361 FT with field setting
- New field setting that allows reuse of R410Aa piping network for new R32 system, eliminating need to replace for retrofit applications
- Hot gas defrost circuit allows for installation without base pan heater
- High dust moisture protection with an IP55 rated sealed E-box
- 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
- Engineered for ease of installation and service with three-segment panel design
- Ease of field piping connections to service valves
- Built-in data recorder to store up to 45 minutes of operational data
- Integrates with new Daikin HERO ecosystem, an IoT -based remote monitoring and diagnostics platform
- Extend benefits of inverter technology to custom terminal units and AHUs through AHU integration kits





Submittal Data Sheet

40 Ton, 230V R32 EMERION HP

RXYA480AATJA

PERFORMANCE

Outdoor Unit Model No.	RXYA480AATJA	Outdoor Unit Name:	40 Ton, 230V R32 EMERION HP
Type:	Heat Pump	Unit Combination:	RXYA240AATJA(x2)
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 Cooling Capacity (Btu/hr):	436,000	Rated Heating Capacity (Btu/hr):	418,000
Nom Cooling Capacity (Btu/hr):	456,000	Nom Heating Capacity (Btu/hr):	540,000
EER (Non-Ducted/Ducted):	9.40/9.10	Heating COP (Non-Ducted/Ducted):	3.25/3.20
IEER (Non-Ducted/Ducted):	18.40/16.80	Heating COP 17F (Non-Ducted/Ducted):	2.10/2.10
Heating COP 5F (Non-Ducted/Ducted):	2.18/2.12*		

* 5F COP is provided for reference only

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 (%):	1 - 100
Min. Circuit Amps MCA (A):	79.1 + 79.1	Airflow Rate (H) (CFM):	29020
Max Overcurrent Protection (MOP) (A):	90 + 90	Gas Pipe Connection (inch):	1-5/8
Dimensions (Height) (in):	65-3/8	Liquid Pipe Connection (inch):	3/4
Dimensions (Width) (in):	68-7/8 + 68-7/8	Sound Pressure (H) (dBA):	73
Dimensions (Depth) (in):	30-1/8	Sound Power Level (dBA):	95
Net Weight (lb):	1944		

Submittal Data Sheet

40 Ton, 230V R32 EMERION HP

RXYA480AATJA

SYSTEM DETAILS

Refrigerant Type:	R-32	Cooling Operation Range (°F DB):	23 - 122
Holding Refrigerant Charge (lbs):	25.8 + 25.8	Heating Operation Range (°F WB):	-22 - 60
Additional Charge (oz/ft):	Check install manual or selection tool	Max. Pipe Length (Vertical) (ft):	361
Max. Pipe Length (Total) (ft):	3,280	Cooling Range w/Baffle (°F DB):	-4 - 122
Max Height Separation (Ind to Ind ft):	98		

DIMENSIONAL DRAWING

