Submittal Data: RXYQ144MTJU

12 Ton VRV® Outdoor Unit – Heat Pump

(RXYQ72MTJU + RXYQ72MTJU + Manifold Kit)

Job Name:	Location:
Purchaser:	
Engineer:	
Submitted To:	For: ☐ Reference ☐ Approval ☐ Construction
Submitted By:	Date:
Unit Designation: Schedule #:	Model No.:

Capacities:

Cooling Capacity	144,000 Btu/h
Cooling Input Power	11.4 kW
Heating Capacity	162,000 Btu/h
Heating Input Power	13.2 kW (45,038 Btu/h)

Cooling Mode Nominal Conditions:
Indoor: 80°F DB / 67°F WB
Outdoor: 95°F DB
Pipe Length: 25 ft
Level Difference: 0 ft

Heating Mode Nominal Conditions:
Indoor: 70°F DB
Outdoor: 47°F DB / 43°F WB
Pipe Length: 25 ft
Level Difference: 0 ft

Operating Range:

Cooling	23°F – 110°F DB
Heating	0°F – 64°F DB -5°F – 60°F WB

Compressor:

Type	Daikin High Pressure Dome Scroll
Quantity	4 (2 PAM inverter and 2 on/off)
Capacity Control Range	10% - 100%
Motor Rating Output	(2.7 + 4.5) x 2 kW

Fan:

Fan Type x Quantity	Propeller Fan x 2
Fan Motor Output	750 + 750 Watts
Airflow Rate	7,400 + 7,400 cfm
Drive	Direct Drive

Power Supply:

V/PH/Hz	208-230/3/60
Minimum Circuit Amps (MCA)	44.8 + 44.8 Amps
Maximum Fuse Amps (MFA)	60 + 60 Amps
Maximum Starting Current (MSC)	142 Amps
Total Overcurrent Amps (TOCA)	90.9 Amps

Refrigerant & Piping:

Refrigerant Type/Charge	R-410A/25.1 + 25.1 lbs
Control	Electronic Expansion Valve
Liquid Refrigerant Piping	ϕ5/8" Brazing
Gas Refrigerant Piping	ϕ1-1/8" Brazing
Oil equalizing pipe	ϕ1/4" Flare

Unit Data:

Max. Number of Indoor Units	20
Sound Pressure Level at 3 ft	63 dBA
Weight	666 + 666 lbs

Standard Features:

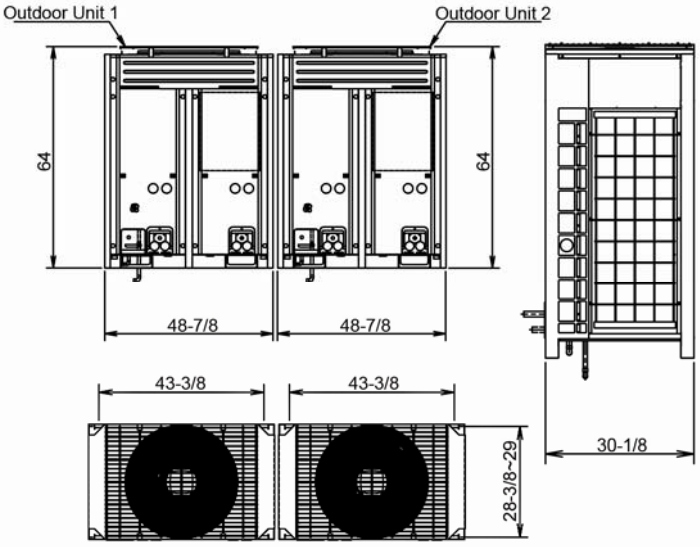
- Six year compressor warranty
- One year limited labor warranty
- One year parts warranty
- Heating or cooling operation
- PE coated condenser coil to prevent corrosion
- VFD controlled outdoor motor fan
- Internal ground fault circuit breaker

VRV® SYSTEM
THE INTELLIGENT AIR CONDITIONING SYSTEM



R-410A

INVERTER



For further information about the installation allowances on manifolded systems, please refer to the Installation and Engineering Guides

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