

Submittal Data Sheet

6 Ton, 230V VRV IV HP RXYQ72TATJU

FEATURES

- Larger capacity single modules ranging up to 14 tons and systems up to 34 tons allow for a more flexible system design
- Variable Refrigerant Temperature (VRT) control allows the VRV IV to deliver up to 28% of improvement in seasonal cooling efficiency compared to previous Daikin VRV heat pump systems
- Modular and lightweight enables flexibility in system layout and installation with larger capacity single modules reducing electrical, piping connections
- System wide auto-climate adjustment technology to increase the energy efficiency
- Improved efficiency with IEER values now up to 28
- The rated seasonal cooling efficiency has been improved by an average of 11%
- All inverter compressors to increase the efficiency and avoid starting current inrush
- Same product structure for 230V and 460V simplifies ordering
- New configurator software designed to simplify the commissioning and maintenance of the system
- Factory standard coil guards
- Assembled in the US to increase flexibility and reduce lead times
- Standard Limited Warranty: 10-year limited parts warranty

BENEFITS

- Can operate up to 12 indoor units on a single piping network
- Modular and lightweight enables flexibility in system layout and installation
- Refrigerant cooled inverted technology to avoid influence from ambient temperatures
- Integrated inverter technology deliver maximum efficiency during part load conditions and provide precise individual zone control
- Heat exchanger coil wraps around on all 4 sides of the unit to increase the surface area and efficiency
- Corrosion resistance 1000hr salt spray tested Daikin PE blue fin heat exchanger
- Design flexibility with long piping lengths up to 3,280 ft. total and 100 ft. vertical separation between indoor units
- Designed with reduced MOP to optimize installation cost
- Digital display on the unit for improved and faster configuration, commissioning, and trouble shooting











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| PERFORMANCE | | | |
|---------------------------------------|---|--------------------------------------|---|
| Outdoor Unit Model No. | RXYQ72TATJU | Outdoor Unit Name: | 6 Ton, 230V VRV IV HP |
| Туре: | Heat Pump | Unit Combination: | |
| 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 Piping Length(ft): | | | |
| Rated Height Difference (ft): | | | |
| Rated Cooling Capacity (Btu/hr): | 69,000 | Rated Heating Capacity (Btu/hr): | 73,000 |
| Nom Cooling Capacity (Btu/hr): | 72,000 | Nom Heating Capacity (Btu/hr): | 81,000 |
| Cooling Input Power (kW): | 4.62 | Heating Input Power (kW): | 5.46 |
| EER (Non-Ducted/Ducted): | 14.70 / 12.70 | Heating COP (Non-Ducted/Ducted): | 3.7 / 3.3 |
| IEER (Non-Ducted/Ducted): | 25.80 / 20.70 | Heating COP 17F (Non-Ducted/Ducted): | 2.4 / 2.3 |
| | | | |
| 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 (%): | 20 - 100 |
| Min. Circuit Amps MCA (A): | 27.6 | Capacity Index Limit: | 36.0 - 93.0 |
| Max Overcurrent Protection (MOP) (A): | 35 | Airflow Rate (H) (CFM): | 5544 |
| Max Starting Current MSC(A): | | Gas Pipe Connection (inch): | 3/4 |
| Rated Load Amps RLA(A): | 15.7 | Liquid Pipe Connection (inch): | 3/8 |
| Dimensions (Height) (in): | 66-11/16 | H/L Pressure Connection (inch) | |
| Dimensions (Width) (in): | 36-11/16 | H/L Equalizing Connection (inch) | |
| Dimensions (Depth) (in): | 30-3/16 | Sound Pressure (H) (dBA): | 58 |
| Net Weight (lb): | 435 | Sound Power Level (dBA): | 78 |
| | | Max. No. of Indoor Units: | 12 |
| | | | |

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Daikin City Generated Submittal Data

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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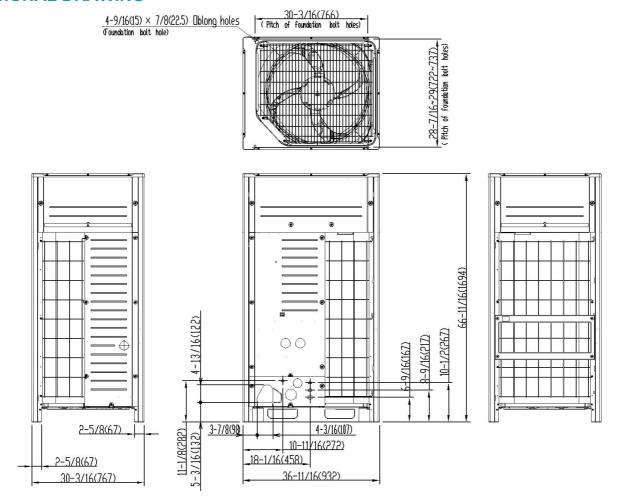


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| SYSTEM DETAILS | | | | |
|--|--------|-----------------------------------|----------|--|
| Refrigerant Type: | R-410A | Cooling Operation Range (°F DB): | 23 - 122 | |
| Holding Refrigerant Charge (lbs): | 13 | Heating Operation Range (°F WB): | -4 - 6 | |
| Additional Charge (lb/ft): | | Max. Pipe Length (Vertical) (ft): | 295 | |
| Pre-charge Piping (Length) (ft): | | Cooling Range w/Baffle (°F DB): | - | |
| Max. Pipe Length (Total) (ft): | 540 | Heating Range w/Baffle (°F WB): | - | |
| Max Height Separation (Ind to Ind ft): | | | | |

DIMENSIONAL DRAWING



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