



Submittal Data Sheet

22-Ton VRV-IV Heat Recovery Unit - 230V

REYQ264TTJU

FEATURES

- 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 recovery systems
- Improved efficiency with IEER values now up to 29.3
- Can provide heating down to -13°F WB as standard
- Larger capacity single modules ranging up to 14 tons and systems up to 38 tons allow for a more flexible system design, when compared to VRV III
- New configurator software designed to simplify the commissioning and maintenance of the system
- Standard Limited Warranty: 10-year warranty on compressor and all parts
- Larger capacity single modules allow for opportunity to reduce electrical connections, piping connections and outdoor unit mounting fixtures
- All inverter compressors to increase the efficiency and avoid starting current inrush
- Assembled in the US to increase flexibility and reduce lead times

BENEFITS

- Can operate up to 64 indoor units on a single piping network
- Inverter control board cooled by refrigerant 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/efficiency
- Continuous heating during defrost and oil return allows constant comfort control
- Modular and lightweight - enables flexibility in system layout and installation
- Ultra gold fin coating with a salt spray test rating of 1000 hours provides superior corrosion resistance for applications near seacoasts and other corrosive environments
- 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 troubleshooting.





Submittal Data Sheet

22-Ton VRV-IV Heat Recovery Unit - 230V

REYQ264TTJU

PERFORMANCE

| | | | |
|----------------------------------|--|--------------------------------------|--|
| Outdoor Unit Model No. | REYQ264TTJU | Outdoor Unit Name: | 22-Ton VRV-IV Heat Recovery Unit - 230V |
| Type: | Heat Recovery | Unit Combination: | REYQ120TTJU + REYQ144TTJU |
| Rated Cooling Conditions: | Indoor (°F DB/WB): 80 / 67 Ambient (°F DB/WB): 95 / | Rated Heating Conditions: | Indoor (°F DB/WB): 70 / Ambient (°F DB/WB): 47 / 43 |
| Rated Piping Length(ft): | | | |
| Rated Height Difference (ft): | | | |
| Rated Cooling Capacity (Btu/hr): | 246,000 | Rated Heating Capacity (Btu/hr): | 276,000 |
| Nom Cooling Capacity (Btu/hr): | 264,000 | Nom Heating Capacity (Btu/hr): | 297,000 |
| Cooling Input Power (kW): | 21.10 | Heating Input Power (kW): | 27.40 |
| EER (Non-Ducted/Ducted): | 11.80 / 10.50 | Heating COP (Non-Ducted/Ducted): | 3.6 / 3.4 |
| IEER (Non-Ducted/Ducted): | 21.60 / 18.10 | Heating COP 17F (Non-Ducted/Ducted): | 2.4 / 2.3 |
| | | SCHE (Non-Ducted/Ducted): | 24.40 / 22.00 |

OUTDOOR UNIT DETAILS

| | | | |
|---------------------------------------|-------------------------|----------------------------------|-----------|
| Power Supply (V/Hz/Ph): | 208-230 / 60 / 3 | Compressor Type | Inverter |
| Power Supply Connections: | L1, L2, L3 Ground | Capacity Control Range (%): | 5 - 100 |
| Min. Circuit Amps MCA (A): | 43+55 | Capacity Index Limit: | - |
| Max Overcurrent Protection (MOP) (A): | 50+70 | Airflow Rate (H) (CFM): | 6286+8228 |
| Max Starting Current MSC(A): | | Gas Pipe Connection (inch): | 1-3/8 |
| Rated Load Amps RLA(A): | (15.0+15.0)+(16.2+22.6) | Liquid Pipe Connection (inch): | 3/4 |
| Dimensions (Height) (in): | 66-11/16 | H/L Pressure Connection (inch) | 1-1/8 |
| Dimensions (Width) (in): | 97-3/4 | H/L Equalizing Connection (inch) | |
| Dimensions (Depth) (in): | 30-3/16 | Sound Pressure () (dBA): | |
| Net Weight (lb): | 703+780 | Sound Power Level (dBA): | |
| | | Max. No. of Indoor Units: | 45 |



Submittal Data Sheet

22-Ton VRV-IV Heat Recovery Unit - 230V

REYQ264TTJU

SYSTEM DETAILS

| | | | |
|--|-----------|-----------------------------------|----------|
| Refrigerant Type: | R-410A | Cooling Operation Range (°F DB): | 23 - 122 |
| Holding Refrigerant Charge (lbs): | 25.8+25.8 | Heating Operation Range (°F WB): | -13 - 60 |
| 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

