# Submittal AOUA264RLCVG

## 22 Ton Heat Pump Outdoor Unit - 460 VAC, 3-Phase, 60Hz

1X (AOUA72RLCV) + 2X (AOUA96RLCV)

### CAPACITY

- **Nominal Cooling Capacity - BTU/h [kW]** 264,000 [77.4]
- **Nominal Heating Capacity - BTU/h [kW]** 297,000 [87.0]
- **Nominal Tonage - Ton(s)** 22
- **Maximum Connectable Indoor Units** 41
- **Connectable Capacity** 50% to 150%

### OPERATING TEMPERATURES

- **Operating Temp. Cooling (DB) - °F [°C]** 23 to 115 [-5 to 46]
- **Operating Temp. Heating (DB) - °F [°C]** -4 to 70 [-20 to 21]

### EFFICIENCY

- **EER Cooling (Ducted/Non Ducted)** 10.9 / 10.9
- **IEER Cooling (Ducted/Non Ducted)** 20.1 / 20.8
- **COP / High Heating 47°F (Ducted/Non Ducted)** 3.4 / 3.45

### ELECTRICAL

- **Electrical Power Requirements** 460 VAC, 3-Phase, 60Hz
- **Voltage Range** 414 to 506 VAC
- **Maximum Circuit Breaker - A** 3X (25)
- **Minimum Circuit Ampacity (MCA) - A** 3X (21)
- **Cooling Power Input - kW** 22.58
- **Heating Power Input - kW** 23.41
- **Unit Group** 1X (AOUA72RLCV) + 2X (AOUA96RLCV)

### PIPING

- **Max. Total Refrigerant Line Length - ft [m]** 3,280 [1,000]
- **Max. Starting Current (MSC) - A** 3X (16.8)
- **Compressor - Rated Load Amperage (RLA) - A** 1X (8.5) + 2X (12.5)
- **Pipe Connection Method: Liquid/Gas** Brazed
- **Pipe Connection: Liquid - in [mm]** 5/8 [15.88]

### HEAT EXCHANGER

- **H. E. Pipe Type (Material)** Grooved H-pin (Copper)
- **H. E. Tube (Material)** Corrugate (Aluminum)
- **H. E. Fin Pitch - FPI [mm]** 18 [1.45]
- **H. E. Rows x Stages** 3X (3 x 60)
- **H. E. Face Area - ft² [m²]** 3X (23 [2.24])
- **H. E. Length - in [mm]** 3X (69-5/16 [1760])

### CODE

- **ETL** 3170288
- **AHRI Certified** Standard 1230

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**Note:** Specifications are based on the following conditions:
- **Cooling:** Indoor temperature of 80°F (26.7°C) DB/67°F (19.4°C) WB, and outdoor temperature of 95°F (35°C) DB/75°F (23.9°C) WB.
- **Heating:** Indoor temperature of 70°F (21.1°C) DB/60°F (15.6°C) WB, and outdoor temperature of 47°F (8.3°C) DB/43°F (6.1°C) WB. Pipe length: 25 ft. (7.5m), height difference: DB, [ft] (Ducted unit - indoor unit).