### SUBMITTAL  AOUA264RLBVG1

**22 Ton Heat Pump Outdoor Unit - 208/230 VAC, 3-Phase, 60Hz**

**1X (AOUA72RLBVZ1) + 2X (AOUA96RLBVZ1)**

<table>
<thead>
<tr>
<th>Job Name</th>
<th>Location</th>
<th>Date</th>
<th>Engineer</th>
<th>Approval</th>
<th>Submitted To</th>
<th>Construction</th>
<th>Unit No</th>
<th>Drawing No</th>
</tr>
</thead>
</table>

- Inverter driven compressor
- New style high power DC fan motor.
- Blue fin heat-exchanger (Corrosion resistance)
- 10 year Extended Warranty on parts and compressor. See Warranty Statement.
- Optional: Internet, BACnet, LonWorks, or Modbus communication.

### 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% |
| Cooling Power Input - kW | 22.58 |
| Heating Power Input - kW | 23.41 |
| Unit Group | 1X (AOUA72RLBVZ1) + 2X (AOUA96RLBVZ1) |

### 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) | 20.10 / 20.80 |

### ELECTRICAL

- **Electrical Power Requirements**: 208/230 VAC, 3-Phase, 60Hz
- **Voltage Range**: 187 to 253 VAC
- **Maximum Circuit Breaker - A**: 3X (50)
- **Minimum Circuit Ampacity (MCA) - A**: 3X (41)
- **Cooling Power Input - kW**: 22.58
- **Heating Power Input - kW**: 23.41
- **Maximum Starting Current (MSC) - A**: 3X (33.2)
- **Compressor - Rated Load Amperage (RLA) - A**: 1X (17) + 2X (25)
- **Fan Motor - Full Load Amperage (FLA) - A**: 1X (3) + 2X (3)

### COMPRESSOR

- **Type**: 3X Rotary Inverter
- **Refrigerant Type**: R410A
- **Refrigerant Charge - lbs [kg]**: 3X (25.79 [11.70])
- **Compressor Crankcase Heater - W**: 3X (2X 35)
- **Refrigerant Oil / Lubricant**: VG74 (Ester oil)
- **Compressor Capacity Control - Steps/Range**: 951 / 20 - 115 (per unit)

### FAN

- **Type**: 3X Propeller fan
- **Airflow Rate - CFM [m3/h]**: 3X (6,533 [11,100])
- **Power Output - W**: 3X (2X (740))
- **Fan Motor - Full Load Amperage (FLA) - A**: 1X (3) + 2X (3)
- **External Static Pressure (Max) - in.WG [Pa]**: 0.32 [80]

### HEAT EXCHANGER

- **Material**: Grooved H-pin (Copper)
- **Fin Tube (Material)**: Corrugate (Aluminum)
- **Surface Treatment**: Corrosion resistance (Blue fin)
- **Pitch - FPI [mm]**: 18 [1.45]
- **Rows x Stages**: 2X (2X (3 x 60))
- **Face Area - ft² [m²]**: 1X (23 [2.2]) + 2X (23 [2.2])
- **Length - in [mm]**: 3X (69-5/16 [1760])

### DIMENSIONS

- **Net Dim. (HxWxD) - in [mm]**: 3X (2X (66-9/16 x 36-5/8 x 30-1/8 [1690 x 930 x 765]))
- **Gross Dim. (HxWxD) - in [mm]**: 3X (2X (71-5/16 x 39-7/16 x 33-3/8 [1811 x 1002 x 847]))

### 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**: 25ft. (7.5m), Height difference: 0ft. (0m) (Outdoor unit – indoor unit).

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