### CAPACITY

<table>
<thead>
<tr>
<th>Description</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Nominal Cooling Capacity - BTU/h [kW]</td>
<td>240,000 [70.3]</td>
</tr>
<tr>
<td>Nominal Heating Capacity - BTU/h [kW]</td>
<td>270,000 [79.1]</td>
</tr>
<tr>
<td>Nominal Tonnage - Ton(s)</td>
<td>20</td>
</tr>
<tr>
<td>Maximum Connectable Indoor Units</td>
<td>37</td>
</tr>
<tr>
<td>Connectable Capacity [50% to 150%]</td>
<td></td>
</tr>
<tr>
<td>Cooling Power Input - kW</td>
<td>20.45</td>
</tr>
<tr>
<td>Heating Power Input - kW</td>
<td>21.9</td>
</tr>
</tbody>
</table>

### ELECTRICAL

- **Electrical Power Requirements**: 460 VAC, 3-Phase, 60Hz
- **Voltage Range**: 414 to 506 VAC
- **Maximum Circuit Breaker - A**: 2X (30)
- **Minimum Circuit Amperage (MCA) - A**: 2X (25)
- **Cooling Power Input - kW**: 20.45
- **Heating Power Input - kW**: 21.9

### COMPRESSOR

- **Compressor Type**: 2X Rotary Inverter
- **Refrigerant**: R410A
- **Refrigerant Charge - lbs [kg]**: 2X (26.01 [11.800])
- **Compressor Crankcase Heater - W**: 2X (2.5)
- **Refrigerant Oil / Lubricant**: POE
- **Compressor Capacity Control - Steps/Range**: 951 / 20 - 115 (per unit)

### FAN

- **Fan Type**: 2X Propeller fan
- **Fan Airflow Rate - CFM [m3/h]**: 2X (7,652 [13,000])
- **Fan Power Output - W**: 2X (750)
- **Application**: 2X (1.7)
- **External Static Pressure (Max) - in.WG [Pa]**: 0.32 [80]

### HEAT EXCHANGER

- **H. E. Pipe Type (Material)**: Grooved H-pin (Copper)
- **H. E. Fin Tube (Material)**: Corrugate (Aluminum)
- **H. E. Fin Surface Treatment**: Corrosion resistance (Blue fin)
- **H. E. Rows x Stages**: 18 [1.45]
- **H. E. Area - ft² [m²]**: 2X (3 x 60)
- **H. E. Face Area - ft² [m²]**: 2X (28 [2.6])
- **H. E. Length - in [mm]**: 2X (111.12 (270))

### 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)**: 20.2 / 20.8
- **COP / High Heating 47°F (Ducted/Non Ducted)**: 3.36 / 3.36

### WIRING

- **Communication Cable**: LonWorks (Fujitsu Pink Cable. See AE Bulletin 009)

### PIPING

- **Max. Total Refrigerant Line Length - ft [m]**: 3,280 [1,000]
- **Max Height Diff. (OD & ID)(Upper/Lower) - ft [m]**: 164/131 [50/40]
- **Compressor - Rated Load Amperage (RLA) - A**: 2X (16)
- **Fan Motor - Full Load Amperage (FLA) - A**: 2X (1.7)

### SOUND

- **Sound Pressure Levels (Cooling/Heating) - dB(A)**: 64 / 65

### WEIGHT

- **Net Weight - lbs [kg]**: 2X (635 [288])
- **Gross Weight - lbs [kg]**: 2X (684 [310])

### DIMENSIONS

- **Dim.Net (HxWxD) - in [mm]**: 2X (66-9/16 × 48-13/16 ×30-1/8 [1690 × 1240 × 765])
- **Dim.Gross (HxWxD) - in [mm]**: 2X (71-5/16 × 51-5/8 × 33-3/8 [1811 × 1312 × 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: 25 ft. (7.5m), height difference: 0 ft. (0m) (Outdoor unit – indoor unit).

- 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.
- Outdoor separation tube must be ordered separately (UTP-CX567A).