**FHP-6263**

**Air Conditioner/Heat Exchanger**

- **Air Cooled**
- **Flush Mounted**
- **Nema-12, 4, 4X**

**Air Cooled 3 Phase, 240 VAC, 3 Wire Delta**

**High Capacity**

**4970 BTU/HR**

### FEATURES

- High capacity thermoelectric design
- Power saving air to air heat exchanger (ECO-mode)
- Heavy duty full perimeter mounting
- No intrusion into enclosure
- Central input cord for easy mounting
- Closed loop design
- Condensate control and evaporation system
- Increased efficiency at higher ambients by as much as 10%
- Virtually maintenance free
- No compressor
- Environmentally friendly and safe
- Stainless Steel exterior housing
- Mounts and operates in any orientation
- Integral temperature controller
- Weight 180 LBS.

### CONTROL TEMPERATURES

<table>
<thead>
<tr>
<th>Active Cooling</th>
<th>35 °C</th>
</tr>
</thead>
<tbody>
<tr>
<td>Heat Exchanger (ECO-Mode)</td>
<td>25 °C</td>
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<tr>
<td>Active Heating</td>
<td>10 °C</td>
</tr>
<tr>
<td>Typical Hysteresis</td>
<td>5 °C</td>
</tr>
<tr>
<td>Operating Ambient</td>
<td>-40/+65 °C</td>
</tr>
<tr>
<td>Operating Enclosure</td>
<td>-10/+60 °C</td>
</tr>
</tbody>
</table>

### POWER INPUTS

- **Voltage, 3 Phase Delta** 240 VAC
- **Current, Active** 11 AMPS
- **Current, ECO-Mode** 1.5 AMP
- **Frequency** 50/60 Hz

### PERFORMANCE RATINGs

- **Cooling (Traditional)** 4970 BTU/HR
- **Cooling (Din 3168)** 1458 WATTS
- **Cooling COP (at L35 L35)** 0.32
- **Heating (Traditional)** > 15000 BTU/HR
- **Heating (Din 3168)** > 4570 WATTS
- **Heating COP** > 1.0
- **Heat Exchanger (ECO-mode)** 45 W/°C

### INCLUDES

- Power supply
- Temperature controller
- Power saving heat exchanger mode (ECO-Mode)
- Mounting gasket
- Mounting hardware
- Power input cord
- Circuit breaker

### 250 VDC configuration for crane applications available

### CONFIGURATIONS

<table>
<thead>
<tr>
<th>MODEL</th>
<th>PART NUMBER</th>
<th>NOTES</th>
<th>TEMPERATURE CONTROL</th>
<th>ENVIRONMENT</th>
</tr>
</thead>
<tbody>
<tr>
<td>FHP-6263</td>
<td>7-K5JD-0-000</td>
<td>Cool only, industrial fans &amp; power supply</td>
<td>TC-4F</td>
<td>NEMA-12, IP 52</td>
</tr>
<tr>
<td>FHP-6263HC</td>
<td>7-K5ID-1-000</td>
<td>Heat/Cool, industrial fans &amp; power supply</td>
<td>TC-7F</td>
<td>NEMA-12, IP 52</td>
</tr>
<tr>
<td>FHP-6263XE</td>
<td>7-K5JD-4-000</td>
<td>Cool only, sealed hot side fans &amp; power supply</td>
<td>TC-4F</td>
<td>NEMA-4, IP 56</td>
</tr>
<tr>
<td>FHP-6263XEH</td>
<td>7-K5ID-5-000</td>
<td>Heat/Cool, sealed hot side fans &amp; power supply</td>
<td>TC-7F</td>
<td>NEMA-4, IP 56</td>
</tr>
<tr>
<td>FHP-6263X</td>
<td>7-K5JD-2-000</td>
<td>Cool only, Mil. grade hot side fans &amp; power supply</td>
<td>TC-4F</td>
<td>NEMA-4X, IP 56</td>
</tr>
<tr>
<td>FHP-6263XHC</td>
<td>7-K5ID-3-000</td>
<td>Heat/Cool, Mil. grade hot side fans &amp; power supply</td>
<td>TC-7F</td>
<td>NEMA-4X, IP 56</td>
</tr>
</tbody>
</table>

**TECA**

1-888-TECA-USA (832-2872)  www.teca-usa.com
PERFORMANCE CURVE

- **Ambient 35°C:** 
  \[ y = 0.026x - 37.9 \]
- **Ambient 50°C:** 
  \[ y = 0.026x - 38.9 \]
- **Enclosure Air:** 
  \[ y = 0.018x - 37.9 \]
- **Cold Sink:** 
  \[ y = 0.018x - 38.9 \]

**DIMENSIONS**

- **External Hot Side Fans:** 20.52 [521] x 9.68 [246] x 1.00 [25]
- **Mounting Surface:** 4.95 [126] x 9.89 [251]
- **Internal Cold Side Fans:** 9.40 [239] x 9.40 [239]
- **Circuit Breaker:** 11.00 [279] x 15.00 [381]
- **Input Cord:** 18.10 [460] x 7.00 [178]
- **Mounting Cutout:** 19.00 x 35.30 [483x987]

Dimensions do not include hardware. Mounting hardware and gasket included but not shown. Dimensions: Inches [Millimeters]

**ENVIRONMENTS SERVED**

- NEMA-12 IP 52
- NEMA-4,4X IP 56

**RATING (TRADITIONAL)**

- 4970 BTU/hr @ 0 °F \( \Delta T \)
- 6428 BTU/hr @ +20 °F \( \Delta T \)

**RATING (DIN 3168)**

- 1458 Watts L35 L35
- 919 Watts L35 L50

**MOUNTING STYLE**

- Flush Mounted