### AHP-6263 Air Conditioner/Heat Exchanger

**Air Cooled**  
Through Mounted  
Nema-12, 4, 4X  
High Capacity  
5660 - 6000 BTU/HR

#### FEATURES
- High capacity thermoelectric design
- Power saving air to air heat exchanger (ECO-mode)
- Heavy duty full perimeter mounting
- Lower profile intrusion into enclosure
- Central input cord for easy mounting
- Closed loop design
- Condensate control and evaporation system
- Increased efficiency at higher ambient 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>Condition</th>
<th>Temperature (°C)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Active Cooling</td>
<td>35</td>
</tr>
<tr>
<td>Heat Exchanger (ECO-Mode)</td>
<td>25</td>
</tr>
<tr>
<td>Active Heating</td>
<td>10</td>
</tr>
<tr>
<td>Typical Hysteresis</td>
<td>5</td>
</tr>
<tr>
<td>Operating Ambient</td>
<td>-40/+65</td>
</tr>
<tr>
<td>Operating Enclosure</td>
<td>-10/+60</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)**: 5660 BTU/HR  
- **Cooling (Din 3168)**: 1660 WATTS  
- **Cooling COP (at L35 L35)**: 0.36  
- **Heating (Traditional)**: > 15000 BTU/HR  
- **Heating (Din 3168)**: > 4570 WATTS  
- **Heating COP**: > 1.0  
- **Heat Exchanger (ECO-mode)**: 40 W/°C

#### 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>AHP-6263</td>
<td>0-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>AHP-6263</td>
<td>0-K55D-0-000</td>
<td>Cool only, industrial fans &amp; power supply</td>
<td>EXT*</td>
<td>NEMA-12, IP 52</td>
</tr>
<tr>
<td>AHP-6263HC</td>
<td>0-K51D-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>AHP-6263HC</td>
<td>0-K55D-1-000</td>
<td>Heat/Cool, industrial fans &amp; power supply</td>
<td>EXT*</td>
<td>NEMA-12, IP 52</td>
</tr>
<tr>
<td>AHP-6263XE</td>
<td>0-K5JD-4-000</td>
<td>Cool only, sealed hot side fans &amp; power supply</td>
<td>TC-4F</td>
<td>NEMA-4/4X, IP 56</td>
</tr>
<tr>
<td>AHP-6263XE</td>
<td>0-K55D-4-000</td>
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</tr>
<tr>
<td>AHP-6263X</td>
<td>0-K5JD-2-000</td>
<td>Cool only, Mil. grade hot side fans &amp; power supply</td>
<td>TC-4F</td>
<td>NEMA-4X/Harsh, IP 56</td>
</tr>
<tr>
<td>AHP-6263X</td>
<td>0-K55D-2-000</td>
<td>Cool only, Mil. grade hot side fans &amp; power supply</td>
<td>EXT*</td>
<td>NEMA-4X/Harsh, IP 56</td>
</tr>
<tr>
<td>AHP-6263XHC</td>
<td>0-K5JD-3-000</td>
<td>Heat/Cool, Mil. grade hot side fans &amp; power supply</td>
<td>TC-7F</td>
<td>NEMA-4X/Harsh, IP 56</td>
</tr>
<tr>
<td>AHP-6263XHC</td>
<td>0-K55D-3-000</td>
<td>Heat/Cool, Mil. grade hot side fans &amp; power supply</td>
<td>EXT*</td>
<td>NEMA-4X/Harsh, IP 56</td>
</tr>
</tbody>
</table>

* Unit is set for 5-32 VDC external signal, relay(s) included

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**TECA**  
1-888-TECA-USA (832-2872)  
www.thermoelectric.com
**AHP-6263**

**Mounting Style**
- Through Mounted

**Environments Served**
- NEMA-12  IP 52
- NEMA-4,4X  IP 56

**Rating (Traditional)**
- 5660 BTU/hr @ 0 °F ∆T
- 7295 BTU/hr @ +20 °F ∆T

**Rating (DIN 3168)**
- 1/2 TON L50 L50
- 1660 Watts L35 L35
- 1080 Watts L50 L50

**Dimensions**

![Diagram](image)

**Performance Curve**

Equation of line: $y = AT(°C) = \text{Capacity (Watts)}$

<table>
<thead>
<tr>
<th>Ambient Temp</th>
<th>35°C</th>
<th>50°C</th>
</tr>
</thead>
<tbody>
<tr>
<td>Enclosure Air</td>
<td>$y = 0.23x - 38.1$</td>
<td>$y = 0.23x - 40$</td>
</tr>
<tr>
<td>Cold Sink</td>
<td>$y = 0.15x - 38.1$</td>
<td>$y = 0.15x - 40$</td>
</tr>
</tbody>
</table>

**Air Flow Pattern**

External Hot Side Fans

Mounting Surface

Internal Cold Side Fans

Circuit Breaker

Input Cord

Mounting Cutout: 19.00X35.30 [483X897]

Dimensions do not include hardware.

Mounting hardware and gasket included but not shown.

Dimension: Inches [Millimeters].