AHP-6263 Air Conditioner/Heat Exchanger

- Air Cooled
- Through Mounted
- High Capacity
- 3 Phase, 240 VAC, 3 Wire Delta
- Nema-12, 4, 4X
- 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 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 (optional remote control *)
- Weight 180 LBS.

**CONTROL TEMPERATURES**

| Active Cooling | 35 °C |
| Heat Exchanger (ECO-Mode) | 25 °C |
| Active Heating | 10 °C |
| Typical Hysteresis | 5 °C |
| Operating Ambient | -40/+65 °C |
| Operating Enclosure | -10/+60 °C |

**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

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

**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-6263HC</td>
<td>0-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>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, IP 56</td>
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<tr>
<td>AHP-6263XEH</td>
<td>0-K5JD-5-000</td>
<td>Heat/Cool, sealed hot side fans &amp; power supply</td>
<td>TC-7F</td>
<td>NEMA-4, IP 56</td>
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<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, 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, IP 56</td>
</tr>
</tbody>
</table>

* Consult factory

TECA 1-888-TECA-USA (832-2872) www.teca-usa.com
Air Conditioner - Air Cooled

AHP-6263

MOUNTING STYLE
Through Mounted

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

RATING (TRADITIONAL)
5660 BTU/hr @ 0 °F ΔT
7295 BTU/hr @ +20 °F ΔT

RATING (DIN 3168)
1/2 TON  L50 L50
1660 Watts L35 L35
1080 Watts L35 L50

DIMENSIONS

DIMENSIONS do not include hardware
Mounting hardware and gasket included but not shown
Dimension: Inches [Millimeters]

Equation of line: y=ΔT(°C) = 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

PERFORMANCE CURVE

Cooling Capacity (BTU/HR)

Temperature Differential (°C)

PERFORMANCE CURVE

Cooling Capacity (Watts)

Temperature Differential (°F)