**AHP-3253 Air Conditioner/Heat Exchanger**

**Features**
- High capacity thermoelectric design
- Power saving air to air heat exchanger mode (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
- Weight 88 LBS.

**Control Temperatures**

<table>
<thead>
<tr>
<th>Mode</th>
<th>Temperature</th>
</tr>
</thead>
<tbody>
<tr>
<td>Active Cooling</td>
<td>35 °C</td>
</tr>
<tr>
<td>Heat Exchanger (ECO-Mode)</td>
<td>25 °C</td>
</tr>
<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 (per phase): 2.9 AMPS
- Current, ECO-Mode: 0.70 AMP
- Frequency: 50/60 Hz

**Performance Ratings**

- Cooling (Traditional): 2973 BTU/HR
- Cooling (Din 3168): 872 WATTS
- Cooling COP (at L35 L35): 0.72
- Heating (Traditional): > 4100 BTU/HR
- Heating (Din 3168): > 1205 WATTS
- Heating COP: > 1.0
- Heat Exchanger (ECO-Mode): 18 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-3253</td>
<td>0-I4JD-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-3253HC</td>
<td>0-I4ID-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-3253XE</td>
<td>0-I4JD-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>AHP-3253XEHC</td>
<td>0-I4ID-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>AHP-3253X</td>
<td>0-I4JD-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-3253XHC</td>
<td>0-I4ID-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>

**Includes**

- Power supply
- Temperature controller
- Power saving heat exchanger mode (ECO-Mode)
- Mounting gasket
- Mounting hardware
- Power input cord
- Circuit breaker
**AHP-3253**

**MOUNTING STYLE**
- Through Mounted

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

**RATING (TRADITIONAL)**
- 2973 BTU/hr @ 0 °F $\Delta T$
- 3945 BTU/hr @ +20 °F $\Delta T$

**RATING (DIN 3168)**
- 872 Watts L35 L35
- 480 Watts L35 L50

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**PERFORMANCE CURVE**

Equation of line: $y=\Delta T \ (^\circ C)$, $x=$Capacity (Watts)

- Enclosure Air: $y=0.039x-34.02$
- Cold Sink: $y=0.029x-34.02$

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**DIMENSIONS**

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

**Air Conditioner - Air Cooled**

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