# AHP-3250 Air Conditioner/Heat Exchanger

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

**120 VAC Input**

**High Efficiency**

**2250 BTU/HR**

## 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.

## 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-3250</td>
<td>0-1450-0-000</td>
<td>Cool only, industrial fans &amp; power supply</td>
<td>TC-4F</td>
<td>NEMA-12, IP 52</td>
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<tr>
<td>AHP-3250</td>
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<td>Cool only, industrial fans &amp; power supply</td>
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<td>AHP-3250HC</td>
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<td>Heat/Cool, industrial fans &amp; power supply</td>
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<td>Cool only, sealed hot side fans &amp; power supply</td>
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<td>NEMA-4/4X, IP 56</td>
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<td>Cool only, sealed hot side fans &amp; power supply</td>
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</table>

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

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

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**Performance Ratings**

- **Cooling (Traditional):** 2250 BTU/HR
- **Cooling (Din 3168):** 660 WATTS
- **Cooling COP (at L35 L35):** 0.78
- **Heating (Traditional):** > 2780 BTU/HR
- **Heating (Din 3168):** > 815 WATTS
- **Heating COP:** > 1.0
- **Heat Exchanger (ECO-Mode):** 18 W/°C

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**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

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**Power Inputs**

- **Voltage:** 120 VAC
- **Current, Active:** 7.0 AMPS
- **Current, ECO-Mode:** 1.4 AMP
- **Frequency:** 50/60 Hz

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**Dimensions:**

- **Width:** 19.75" (501.5 mm)
- **Height:** 19.41" (493.4 mm)
- **Depth:** 11.50" (291.9 mm)
- **Shipping Weight:** 88 LBS (39.8 kg)

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250 VDC configuration for crane applications available
**DIMENSIONS**

<table>
<thead>
<tr>
<th>Internal Cold Side Fans</th>
<th>4.64 [118]</th>
<th>3.77 [96]</th>
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<tbody>
<tr>
<td>External Hot Side Fans</td>
<td>20.22 [512]</td>
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<tr>
<td>Mounting Surface</td>
<td>18.79 [477]</td>
<td>9.10 [231]</td>
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<tr>
<td>Circuit Breaker</td>
<td>8.54 [217]</td>
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<tr>
<td>Input Cord</td>
<td>8.54 [217]</td>
<td>9.89 [251]</td>
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<tr>
<td>(18) 10-32 Studs</td>
<td>4.95 [126]</td>
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<td>Mounting Cutout</td>
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<tr>
<td></td>
<td>17.20X18.90 [437X480]</td>
<td></td>
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</tbody>
</table>

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