AHP-250 Air Conditioner

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

12 VDC, 24 VDC
129 BTU/HR

FEATURES

• Compact (only 6” X 4.75” X 6.6”)
• Mounts and operates in any orientation: horizontal, vertical, etc.
• Low vibration and noise
• No moving parts except fans
• Environmentally safe
• No compressor, fluorocarbons or filters
• Heat via reverse polarity
• Virtually maintenance-free operation
• Weight 4.4 LBS.

OPERATING TEMPERATURES

Operating Ambient  -40/+70 °C
Operating Enclosure -10/+60 °C

PERFORMANCE RATINGS

Cooling (Traditional) 129 BTU/HR
Cooling (Din 3168) 38 WATTS
Cooling COP (at L35 L35) 0.53

OPTIONS

• Temperature Control TC-6F DC for cool only
• Temperature Control TC-3F DC for heat/cool
• Adaptable for TC-3400
• Stainless steel exterior housing

INCLUDES

• Mounting gasket
• Mounting hardware
• Power input leads

CONFIGURATIONS

<table>
<thead>
<tr>
<th>MODEL</th>
<th>PART NUMBER</th>
<th>NOTES</th>
<th>HEAT Watts</th>
<th>VOLTAGE VDC</th>
<th>CURRENT AMPS</th>
<th>ENVIRONMENT</th>
</tr>
</thead>
<tbody>
<tr>
<td>AHP-250FF</td>
<td>0-L094-1-000</td>
<td>Industrial Fans</td>
<td>100</td>
<td>12</td>
<td>6</td>
<td>NEMA-12, IP 52</td>
</tr>
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</tr>
<tr>
<td>AHP-250XE</td>
<td>0-L094-5-000</td>
<td>Sealed Hot Side Fan</td>
<td>100</td>
<td>12</td>
<td>6</td>
<td>NEMA-4, IP 56</td>
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<td>Mil. Grade Hot Side Fan</td>
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Heat function via reverse polarity (controller dependent)
PERFORMANCE CURVE

Equation of Line: \( y = \frac{\Delta T(\degree C)}{9004} x = \text{Capacity (Watts)} \)

<table>
<thead>
<tr>
<th>Ambient Temp</th>
<th>Enclosure Air</th>
<th>Cold Sink</th>
</tr>
</thead>
<tbody>
<tr>
<td>Ambient 35°C</td>
<td>( y = 1.35x - 51 )</td>
<td>( y = 1.15x - 51.7 )</td>
</tr>
<tr>
<td>Ambient 50°C</td>
<td>( y = 1.34x - 52 )</td>
<td>( y = 1.13x - 52.6 )</td>
</tr>
</tbody>
</table>

AHP-250
Air Conditioner - Air Cooled

MOUNTING STYLE
Through Mounted

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

RATING (TRADITIONAL)
129 BTU/hr @ 0 °F \( \Delta T \)
162 BTU/hr @ +20 °F \( \Delta T \)

RATING (DIN 3168)
38 Watts L35 L35
28 Watts L35 L50

DIMENSIONS

MOUNTING CUTOUT DIMENSIONS

www.teca-eu.com 1-888-TECA-USA (832-2872)