AHP-270CP  Cold/Hot Plate

Air Cooled  General Purpose 12 VDC, 24 VDC
64 Watts

FEATURES
• Compact (only 6" X 4.75" X 4.4")
• Mounts and operates in any orientation: horizontal, vertical, etc.
• Low vibration and noise
• No moving parts except fan
• Environmentally safe
• No compressor, fluorocarbons or filters
• Heat via reverse polarity
• Virtually maintenance-free operation
• Weight 3.8 LBS. (1.7 KG)

INCLUDES
• Mounting gasket
• Mounting hardware
• Power input leads

OPTIONS
• Adaptable for TC-3400 controller
• Adaptable for TC-3500 H-Bridge controller (24VDC only)
• Stainless steel exterior housing

PERFORMANCE RATINGS
Cooling  64 WATTS
Cooling COP  0.67
Heating  > 96 Watts

OPTIONS
• Adaptable for TC-3400 controller
• Adaptable for TC-3500 H-Bridge controller (24VDC only)
• Stainless steel exterior housing

SPECIFICATIONS

<table>
<thead>
<tr>
<th>MODEL</th>
<th>PART NUMBER</th>
<th>NOTES</th>
<th>PERFORMANCE RATING</th>
<th>VOLTAGE VDC</th>
<th>CURRENT AMPS.</th>
<th>TEMP. CONTROL</th>
<th>OPERATING AMBIENT °C</th>
</tr>
</thead>
<tbody>
<tr>
<td>AHP-270CPHC</td>
<td>1-L094-1-001</td>
<td>Heat/Cool</td>
<td>64</td>
<td>12</td>
<td>8</td>
<td>None</td>
<td>-10/+60</td>
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<td>AHP-270CPHC</td>
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</tr>
</tbody>
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Heat function via reverse polarity (requires controller with H-Bridge)
**PERFORMANCE CURVE**

- **Equation of Line:**
  - Ambient Temp 35°C: \( y = 0.81x - 52 \)
  - Ambient Temp 50°C: \( y = 0.81x - 54.3 \)

- **DIMENSIONS**
  - External Hot Side Fan: 6.00 [152] x 4.75 [121]
  - Cold Plate Surface: 4.38 [111] x 1.00 [25]

- **Air Flow Pattern**

- **ENVIRONMENTS**
  - Bench Top, Factory, Industrial, OEM

- **COOLING CAPACITY**
  - 64 Watts @ 0 °C ΔT

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