AHP-570CP Cold/Hot Plate

Air Cooled General Purpose 24 VDC
High Efficiency
97 Watts

**FEATURES**
- Flat aluminum plate (8” x 4.70”) [203 x 119]
- Standard 6-32X.25 UNC threads
- Compact (only 10” x 5.76” x 4.45”) [254 x 146 x 113]
- 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
- Cools and heats via reverse polarity
- Virtually maintenance-free operation
- Pivot clean
- Weight 7 LBS. (3.2 KG)

**INCLUDES**
- Mounting gasket
- Mounting hardware
- Power input leads

**OPTIONS**
- Custom cold plate threads and/or inserts
- Flat plate without holes or threads
- Stainless steel exterior fan shroud and housing
- Custom fans: Quiet, Speed Control, Waterproof
- Use with TC-3400, TC-3500 and TC-4600 controls

**PERFORMANCE RATINGS**

<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-570CPHC</td>
<td>1-G095-1-000</td>
<td>Heat/Cool</td>
<td>97</td>
<td>24</td>
<td>2.5</td>
<td>None</td>
<td>-10/+60</td>
</tr>
<tr>
<td>AHP-570CPHC</td>
<td>1-G094-1-000</td>
<td>Heat/Cool</td>
<td>97</td>
<td>12</td>
<td>5</td>
<td>None</td>
<td>-10/+60</td>
</tr>
</tbody>
</table>

Heat function via reverse polarity (requires controller with H-Bridge)

**SPECIFICATIONS**

Heat/Cool 97 WATTS
Cooling COP 1.6
Heating > 60 Watts

TECA 1-888-TECA-USA (832-2872) www.teca-usa.com
PERFORMANCE CURVE

Equation of Line: \[ y = \frac{T}{2900} \]

Ambient Temp 35°C 50°C
Cold Plate

\[ y = 0.29x - 28.2 \]  \[ y = 0.29x - 29 \]

AHP-570CP
Cold Plate- Air Cooled

ENVIRONMENTS
Bench Top, Factory, Industrial, OEM

COOLING CAPACITY
97 Watts @ 0 °C \(\Delta T\)

DIMENSIONS

Air Flow Pattern

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