### 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 Watts</th>
<th>Voltage VDC</th>
<th>Current Amps</th>
<th>Temp Control</th>
<th>Operating Ambient °C</th>
</tr>
</thead>
<tbody>
<tr>
<td>AHP-470CPHC</td>
<td>1-F095-1-001</td>
<td>Heat/Cool</td>
<td>105</td>
<td>24</td>
<td>5.2</td>
<td>None</td>
<td>-10/+60</td>
</tr>
<tr>
<td>AHP-470CPHC</td>
<td>1-F094-1-001</td>
<td>Heat/Cool</td>
<td>105</td>
<td>12</td>
<td>10</td>
<td>None</td>
<td>-10/+60</td>
</tr>
</tbody>
</table>

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

Equation of Line: \( y = \frac{1}{9004} x \) for both 35°C and 50°C Ambient Temp.

- 35°C Ambient: \( y = 0.42x - 44 \)
- 50°C Ambient: \( y = 0.42x - 45.4 \)

DIMENSIONS

Hot Side Fan

Cold Plate Surface

4X6-32 Cold Plate Accessory Holes

4 X 6-32 Threads

4 X 10-32 Threads

Dimension does not include hardware and sealant. Hardware and gasket included but not shown. Dimensions: Inches [Millimeters]