AHP-690CP Cold/Hot Plate
Air Cooled
General Purpose 24 VDC
163 Watts

FEATURES
• Flat aluminum plate (8” x 4.70”) [203 x 119]
• Standard 6-32X.25 UNC threads
• Compact (only 10” x 5.9” x 5.2”) [254 x 150 x 132]
• 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 9 LBS. (4 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 and TC-4600 controls

PERFORMANCE RATINGS

<table>
<thead>
<tr>
<th>MODELS</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-690CPHC</td>
<td>1-M095-1-000</td>
<td>Heat/Cool</td>
<td>163</td>
<td>24</td>
<td>14</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: \( y = \frac{205}{9004} x = \text{Capacity (Watts)} \)

Ambient Temp 35°C  50°C

Cold Plate  \( y = 0.30x - 48.8 \)  \( y = 0.30x - 51 \)

DIMENSIONS

Air Flow Pattern

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]

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