**AHP-1200CP Cold Plate**

**Air Cooled Bench Top**

General Purpose 120 VAC, 240 VAC Input

225 Watts

**Features**

- Direct contact cooling as much as 46 °C below room temperature
- Weighs only 19 lbs. (8.6 kg)
- Bench top or enclosure mounting
- No compressor, fluorocarbons or filters
- Virtually maintenance-free operation
- Stainless steel exterior housing
- Mounts in any orientation

**Includes**

- Integral power supply (120 VAC input)
- Cold plate mounting taps
- Rubber feet
- Power input cord

**Specifications**

<table>
<thead>
<tr>
<th>Model</th>
<th>Part Number</th>
<th>Notes</th>
<th>Performance Rating BTU/HR</th>
<th>Voltage Vac 50/60 Hz</th>
<th>Current Amps</th>
<th>Weight Lbs. (Kg)</th>
<th>Temp Control</th>
<th>Operating Ambient °C</th>
</tr>
</thead>
<tbody>
<tr>
<td>AHP-1200CP</td>
<td>1-3090-0-000</td>
<td>Cool only</td>
<td>830-950</td>
<td>120</td>
<td>4.0</td>
<td>18 (8.2)</td>
<td>None</td>
<td>-15/+60</td>
</tr>
<tr>
<td>AHP-1200CP</td>
<td>1-3050-0-000</td>
<td>Cool only</td>
<td>830-950</td>
<td>120</td>
<td>4.0</td>
<td>18 (8.2)</td>
<td>EXT*</td>
<td>-15/+60</td>
</tr>
<tr>
<td>AHP-1200CPHC</td>
<td>1-3050-1-000</td>
<td>Heat/Cool</td>
<td>830-950</td>
<td>120</td>
<td>4.0</td>
<td>18 (8.2)</td>
<td>EXT*</td>
<td>-15/+60</td>
</tr>
<tr>
<td>AHP-1202CP</td>
<td>1-3092-0-000</td>
<td>Cool only</td>
<td>830-950</td>
<td>240</td>
<td>2.5</td>
<td>23 (10.5)</td>
<td>None</td>
<td>-15/+60</td>
</tr>
<tr>
<td>AHP-1202CP</td>
<td>1-3052-0-000</td>
<td>Cool only</td>
<td>830-950</td>
<td>240</td>
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</table>

* Unit is set for 5-32 VDC external control signal

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

Equation of line: $y = \frac{1}{9004} T(°C) \quad x =$ Capacity (Watts)

<table>
<thead>
<tr>
<th>Ambient Temp</th>
<th>20°C</th>
<th>40°C</th>
<th>60°C</th>
</tr>
</thead>
<tbody>
<tr>
<td>Cold Plate</td>
<td>$y = 0.199x - 44.9$</td>
<td>$y = 0.199x - 47.9$</td>
<td>$y = 0.199x - 50.8$</td>
</tr>
</tbody>
</table>

**ENVIRONMENTS**

- Bench top
- Factory
- Industrial/OEM

**COOLING CAPACITY**

225 Watts @ 0 °C $\Delta T$

**DIMENSIONS**

- Input, Fuse, Switch (VAC Models)
- Hot Side Fan
- Cold Plate Surface
- Accessory Holes
- (4) 6-32 X 0.25 DP

*Dimension does not include hardware and sealant.
Dimension: Inches [Millimeters]