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

**INCLUDES**
- Cold plate accessory tapped holes
- Cold plate mounting taps
- Rubber feet
- Power input leads

**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>WEIGHT LBS. (KG)</th>
<th>TEMP. CONTROL</th>
<th>OPERATING TEMP °C</th>
</tr>
</thead>
<tbody>
<tr>
<td>AHP-1200CP</td>
<td>1-3095-0-000</td>
<td>Cool only</td>
<td>830-950</td>
<td>24(16-28)</td>
<td>9.0</td>
<td>18(8.2)</td>
<td>None</td>
<td>-15/+70</td>
</tr>
<tr>
<td>AHP-1200CP</td>
<td>1-3055-0-000</td>
<td>Cool only</td>
<td>830-950</td>
<td>24(16-28)</td>
<td>9.0</td>
<td>18(8.2)</td>
<td>EXT *</td>
<td>-15/+70</td>
</tr>
<tr>
<td>AHP-1200CPHC</td>
<td>1-3055-1-000</td>
<td>Heat/Cool</td>
<td>830-950</td>
<td>24(16-28)</td>
<td>9.0</td>
<td>19(8.6)</td>
<td>EXT †</td>
<td>-15/+70</td>
</tr>
</tbody>
</table>

* Unit is set for 5-32 VDC external control signal, relay included
† Unit is set for 5-32 VDC external control signal, H-Bridge relay(s) included
**PERFORMANCE CURVE**

Equation of line: $y = \Delta T(\degree C) = \text{Capacity (Watts)}$

<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>$y=0.199x-40.0$</td>
<td>$y=0.199x-43.0$</td>
<td>$y=0.199x-46.0$</td>
</tr>
</tbody>
</table>

**DIMENSIONS**

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

**ENVIRONMENTS**

- Bench top
- Factory
- Industrial/OEM

**COOLING CAPACITY**

200 Watts @ 0 °C $\Delta T$

**AHP-1200CP**

Cold Plate - Air Cooled

Ambient Air Path

Input, Fuse, Switch (VAC Models)

Hot Side Fan

Cold Plate Surface

(4) 6-32 X 0.25 DP. Accessory Holes

(12) 10-32 Threads

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