AHP-301CP Cold Plate

**FEATURES**
- Direct contact cooling as much as 52°C below room temperature
- Weighs only 11 lbs. (5.0 kg)
- Mounts through 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
- Rubber feet
- Power input cord
- Machined cold plate surface

**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-301CP</td>
<td>1-7090-0-000</td>
<td>Cool only</td>
<td>225-265</td>
<td>120</td>
<td>1.2</td>
<td>11(5)</td>
<td>none</td>
<td>-10/+60</td>
</tr>
<tr>
<td>AHP-301CP</td>
<td>1-7050-0-000</td>
<td>Cool only</td>
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<tr>
<td>AHP-301CP</td>
<td>1-7092-0-000</td>
<td>Cool only</td>
<td>225-265</td>
<td>240</td>
<td>0.6</td>
<td>11(5)</td>
<td>none</td>
<td>-10/+60</td>
</tr>
<tr>
<td>AHP-301CP</td>
<td>1-7052-0-000</td>
<td>Cool only</td>
<td>225-265</td>
<td>240</td>
<td>0.6</td>
<td>11(5)</td>
<td>EXT*</td>
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</tr>
</tbody>
</table>

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

Equation of line: \( y = \frac{\Delta T(\circ C)}{9004} \)  

<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 = \frac{68x-44.0}{9004} )</td>
<td>( y = \frac{68x-48.0}{9004} )</td>
<td>( y = \frac{68x-52.0}{9004} )</td>
</tr>
</tbody>
</table>

**DIMENSIONS**

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

- External Hot Side Fan
- Input, Fuse, Switch Module
- Plug
- Accessory Holes

**ENVIRONMENTS**

- Bench top
- Factory
- Industrial/OEM

**COOLING CAPACITY**

70 Watts @ 0 °C \( \Delta T \) (40 °C Ambient)

Cold Plate - Air Cooled

AHP-301CP

Ambient Air Path

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