AHP-401CP Cold/Hot Plate

**Air Cooled**

**Bench Top**

**General Purpose 120 VAC & 240 VAC**

**75 Watts**

**PERFORMANCE RATINGS**

<table>
<thead>
<tr>
<th>MODEL</th>
<th>PART NUMBER</th>
<th>NOTES</th>
<th>PERFORMANCE RATING WATTS</th>
<th>VOLTAGE VAC</th>
<th>CURRENT AMPS</th>
<th>WEIGHT LBS. (KG)</th>
<th>TEMP CONTROL</th>
<th>OPERATING AMBIENT °C</th>
</tr>
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<tr>
<td>AHP-401CP</td>
<td>1-F090-0-001</td>
<td>Cool only</td>
<td>75</td>
<td>120</td>
<td>1.2</td>
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* Unit is set for 5-32 VDC external control signal, relay included

**FEATURES**

- Flat aluminum plate (8” x 4.70”) [203 x 119]
- Standard 6-32X.25 UNC inserts
- Compact (only 10” x 5.84” x 6.72”) [254 x 148 x 170]
- Mounts and operates in any orientation: horizontal, vertical, etc.
- Low vibration and noise
- No moving parts except fan
- Environmentally safe
- No compressor, fluorocarbon or filters
- Heating via embedded resistive heater
- Virtually maintenance-free operation
- Pivot clean feature
- Weighs less than 12 LBS. (5.5 KG)

**INCLUDES**

- Mounting gasket
- Mounting hardware
- Power cord

**OPTIONS**

- Custom cold plate threads and/or inserts
- Flat plate without holes or threads
- Quiet fan
- Use with external TC-3400 controller

**PERFORMANCE RATINGS**

- Cooling
  - 75 WATTS
- Cooling COP
  - 0.52

**SPECIFICATIONS**
**PERFORMANCE CURVE**

Equation of Line: \( y = \Delta T(°C) \) \( x = \text{Capacity (Watts)} \)

<table>
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<tr>
<th>Ambient Temp</th>
<th>35°C</th>
<th>50°C</th>
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<tr>
<td>Cold Plate</td>
<td>( y = 0.57x - 43 )</td>
<td>( y = 0.57x - 45 )</td>
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**DIMENSIONS**

* Dimension does not include hardware and sealant

Dimensions: Inches [Millimeters]