AHP-1200CAS
Extended Temperature Range Cold/Hot Plate

Air Cooled
Bench Top
100-240 VAC Input
360 Watts

FEATURES
• Precision machined cold plate surface
• Stainless Steel threaded inserts
• Easy clean stainless steel cap
• Cools down to -50 °C
• Heats up to 150 °C
• 100-240 VAC universal input
• Low-profile design with ergonomic sloped front
• Weighs less than 30 lbs. (13.6 kg)
• Operating ambient range 0 °C to 50 °C
• Compact bench top unit, 11.2” X 15.1” footprint
• Hinged clear acrylic cover
• Virtually maintenance-free operation
• Painted Enameled stainless steel exterior housing
• Accessories for glassware (beaker/test tube) cooling
• Provides power and control to cascades

CONTROL FEATURES
• Integral TC-4300 PID “tunable” temperature controller
• One shot smart PID control tuning or Adaptive Smart Continuous Tuning
• Heating and Cooling
• Internal 3-wire, platinum, 100Ω RTD sensor
• Remote Sensibility™ switchable exterior 100Ω RTD sensor
• Multi-segment ramp and soak programmable
• RS-232 communications
• Software for programming, charting and data acquisition

SPECIFICATIONS

<table>
<thead>
<tr>
<th>MODEL</th>
<th>PART NUMBER</th>
<th>CASCADE INCLUDED</th>
<th>COLD PLATE SURFACE AREA INCHES</th>
<th>VOLTAGE VAC 50/60 Hz</th>
<th>CURRENT DRAW AMPS. †</th>
<th>AMBIENT TEMPERATURE RANGE °C</th>
<th>COLD PLATE TEMPERATURE RANGE °C</th>
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<tbody>
<tr>
<td>AHP-1200CAS*</td>
<td>9-35EB-1-CAS*</td>
<td>None</td>
<td>13.3 x 5.8</td>
<td>100-240</td>
<td>5.0</td>
<td>0 / +50</td>
<td>-20 / +90</td>
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<td>9-35EB-1-C22</td>
<td>CCP-22</td>
<td>8.8 x 4.5</td>
<td>100-240</td>
<td>6.6</td>
<td>0 / +50</td>
<td>-30 / +90</td>
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<td>6.4</td>
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<td>6.8</td>
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<tr>
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</table>

* This part number is ready for use with a low temperature cascade option and includes CH-1200 hinged cover, CC-1200 rear panel for cascade power up and control, refer to accessory pages for information on cascades.
† Reflects the current draw @ 120 VAC, 60 Hz input
Many options and accessories available, see CPV accessory pages.
This performance curves represent tests performed in 25 °C ambient with a well insulated cold plate surface.

**DIMENSIONS**

**TWO STAGE - LARGE PLATE**

**TWO STAGE - SMALL PLATE**

**THREE STAGE**

Dimensions: Inches [Millimeters]