

AHP-1200CPV

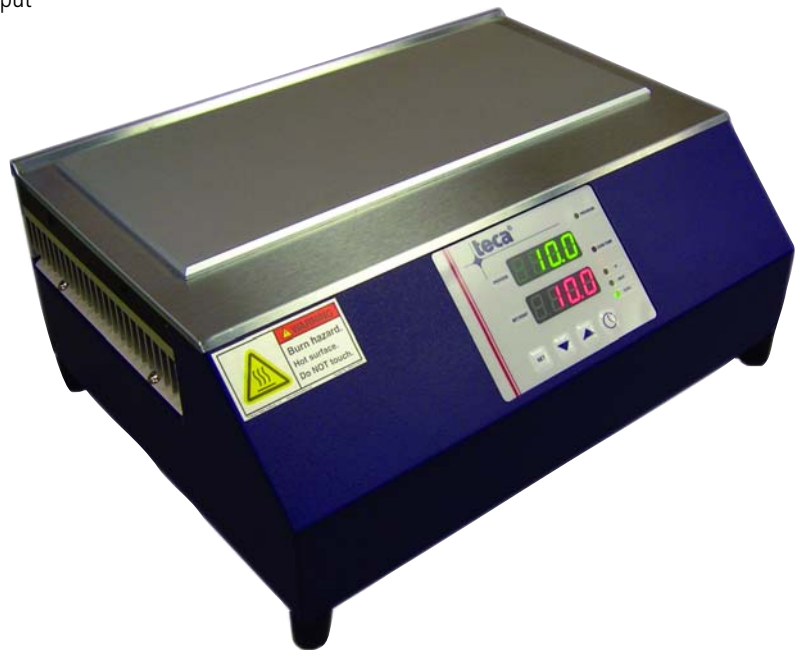
Versatile Cold/Hot Plate

Air Cooled
Bench Top

100-240 VAC Input
200 Watts

FEATURES

- Precision machined cold plate surface
- Stainless steel threaded inserts, optional
- Easy clean stainless steel top surface
- Integral temperature controller
- Cools and heats
- 100-240 VAC universal input
- Low-profile design with ergonomic sloped front
- Variable fan speed for quieter operation
- Weighs less than 30 lbs. (13.6 kg)
- Operating temperature range of 0 °C to 50 °C
- Compact bench top unit, 11.2" X 15.1" footprint
- Virtually maintenance-free operation
- Painted Enameled stainless steel exterior housing
- Accessories for glassware (beaker/test tube) cooling



CONTROL FEATURES

- Integral TC-4300 PID "tunable" temperature control
- One shot smart PID control tuning or Adaptive Smart Continuous Tuning
- EasyLog software for easy programming, tuning, charting and data acquisition
- Heating and Cooling
- Internal RTD sensor
- Remote Sensibility™ switchable exterior sensor
- Multi-segment ramp and soak programmable (4X8 or 2X16 or 1X32 segments)
- RS-232 communications

SPECIFICATIONS

MODEL	PART NUMBER	CAPACITY	COLD PLATE	PERFORMANCE RATING BTU/HR	VOLTAGE VAC 50/60 Hz (VDC)	CURRENT DRAW AMPS.	COLD PLATE TEMPERATURE Range °C
AHP-1200CPV	9-34EB-1-0A0	Standard	Smooth Surface	680-720	100-240	2.5†	-15 / +90
AHP-1200CPV	9-34EB-1-TAP	Standard	6-32 Tap Pattern	680-720	100-240	2.5†	-15 / +90
AHP-1200CPV	9-34EB-1-MET	Standard	M3 Tap Pattern	680-720	100-240	2.5†	-15 / +90
AHP-1200CPV	9-35EB-1-0A0	High	Smooth Surface	780-840	100-240	3.5†	-20 / +90
AHP-1200CPV	9-35EB-1-TAP	High	6-32 Tap Pattern	780-840	100-240	3.5†	-20 / +90
AHP-1200CPV	9-35EB-1-MET	High	M3 Tap Pattern	780-840	100-240	3.5†	-20 / +90
AHP-1200CPV	9-34E5-1-0A0	Standard	Smooth Surface	680-720	(24)	9.0	-15 / +90
AHP-1200CPV	9-34E5-1-TAP	Standard	6-32 Tap Pattern	680-720	(24)	9.0	-15 / +90
AHP-1200CPV	9-34E5-1-MET	Standard	M3 Tap Pattern	680-720	(24)	9.0	-15 / +90
AHP-1200CPV	9-35E5-1-0A0	High	Smooth Surface	680-720	(24)	17	-20 / +90
AHP-1200CPV	9-35E5-1-TAP	High	6-32 Tap Pattern	780-840	(24)	17	-20 / +90
AHP-1200CPV	9-35E5-1-MET	High	M3 Tap Pattern	780-840	(24)	17	-20 / +90
AHP-1200CPV	9-35EB-6-0A0	High	Smooth Surface	780-840	100-240	3.5†	-20 / +120
AHP-1200CPV	9-35EB-6-TAP	High	6-32 Tap Pattern	780-840	100-240	3.5†	-20 / +120
AHP-1200CPV	9-35EB-6-MET	High	M3 Tap Pattern	780-840	100-240	3.5†	-20 / +120
AHP-1200CPV	9-35E5-6-0A0	High	Smooth Surface	680-720	(24)	17	-20 / +120
AHP-1200CPV	9-35E5-6-TAP	High	6-32 Tap Pattern	780-840	(24)	17	-20 / +120
AHP-1200CPV	9-35E5-6-MET	High	M3 Tap Pattern	780-840	(24)	17	-20 / +120
AHP-1200CAS*	9-35EB-1-CAS*	High	6-32 Tap Pattern	780-840	100-240	5.0†	-20 / +90
AHP-1200CAS*	9-35EB-6-CAS*	High	6-32 Tap Pattern	780-840	100-240	5.0†	-20 / +120

* 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 next page for information on cascades options.

† Reflects the current draw @ 120 VAC, 60 Hz input

Many options and accessories available, see accessory pages

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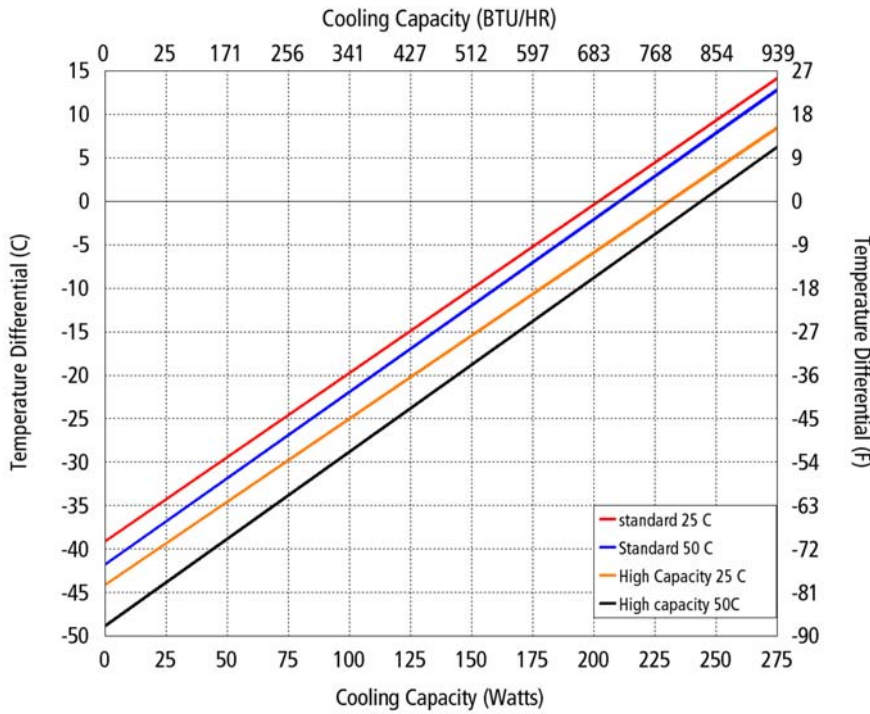
ENVIRONMENTS

- Bench top
- Laboratory
- Industrial

COOLING CAPACITY

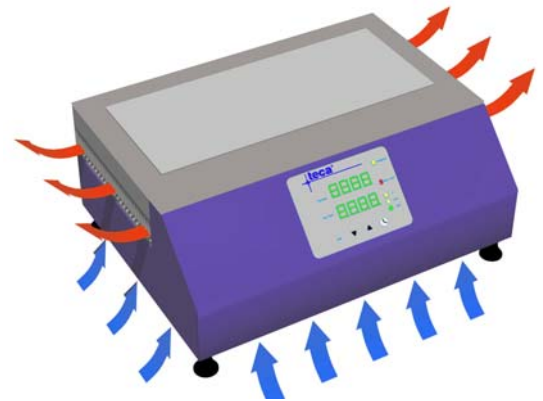
200 - 230 Watts @ 0 °C ΔT

PERFORMANCE CURVE



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

Ambient Temp	25°C	50°C
Standard	$y = .195x - 39.1$	$y = .195x - 41.8$
High capacity	$y = .185x - 44.9$	$y = .185x - 48.8$



Ambient Air Path

DIMENSIONS

