

AHP-301CPV

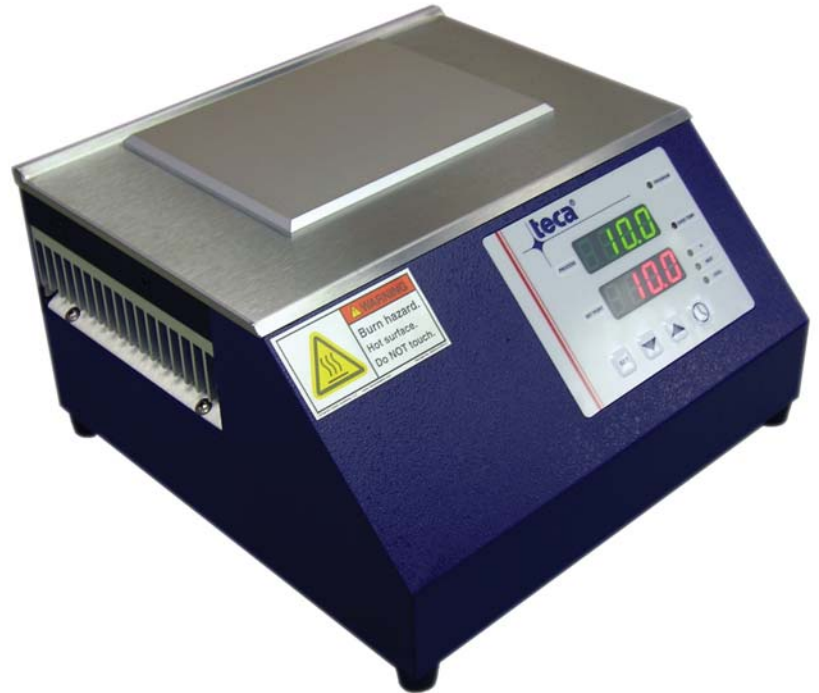
Versatile Cold/Hot Plate

Air Cooled
Bench Top

100-240 VAC Input
82 Watts

FEATURES

- Precision machined cold plate surface
- Stainless steel threaded inserts, optional
- Easy clean stainless steel top surface
- Integral temperature controller
- Controlled heating and cooling
- 100-240 VAC universal input
- Low-profile design with ergonomic sloped front
- Variable fan speed for quieter operation
- Weighs less than 14 lbs. (6.4 kg)
- Operating temperature range of 0 °C to 50 °C
- Compact bench top unit, 9.8" X 10.1" 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	COLD PLATE	PERFORMANCE RATING BTU/HR	VOLTAGE VAC 50/60 HZ	CURRENT AMPS.	WEIGHT LBS. (KG)	TEMP. CONTROL	OPERATING AMBIENT RANGE °C	COLD PLATE TEMPERATURE RANGE °C
AHP-301CPV	9-70EB-1-0A0	Smooth Surface	260-280	100-240	2.0*	13 (5.9)	TC-4300	0 / +50	-15 / +90
AHP-301CPV	9-70EB-1-TAP	6-32 Tap Pattern	260-280	100-240	2.0*	13 (5.9)	TC-4300	0 / +50	-15 / +90
AHP-301CPV	9-70EB-1-MET	M3 Tap Pattern	260-280	100-240	2.0*	13 (5.9)	TC-4300	0 / +50	-15 / +90
AHP-301CPV	9-70E5-1-0A0	Smooth Surface	260-280	24 VDC	7.0	10 (4.5)	TC-4300	0 / +50	-15 / +90
AHP-301CPV	9-70E5-1-TAP	6-32 Tap Pattern	260-280	24 VDC	7.0	10 (4.5)	TC-4300	0 / +50	-15 / +90
AHP-301CPV	9-70E5-1-MET	M3 Tap Pattern	260-280	24 VDC	7.0	10 (4.5)	TC-4300	0 / +50	-15 / +90
AHP-301CPV	9-70EB-6-0A0	Smooth Surface	260-280	100-240	2.0*	13 (5.9)	TC-4300	0 / +50	-15 / +120
AHP-301CPV	9-70EB-6-TAP	6-32 Tap Pattern	260-280	100-240	2.0*	13 (5.9)	TC-4300	0 / +50	-15 / +120
AHP-301CPV	9-70EB-6-MET	M3 Tap Pattern	260-280	100-240	2.0*	13 (5.9)	TC-4300	0 / +50	-15 / +120
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AHP-301CPV	9-70E5-6-MET	M3 Tap Pattern	260-280	24 VDC	7.0	10 (4.5)	TC-4300	0 / +50	-15 / +120

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

Many options and accessories available see accessory pages

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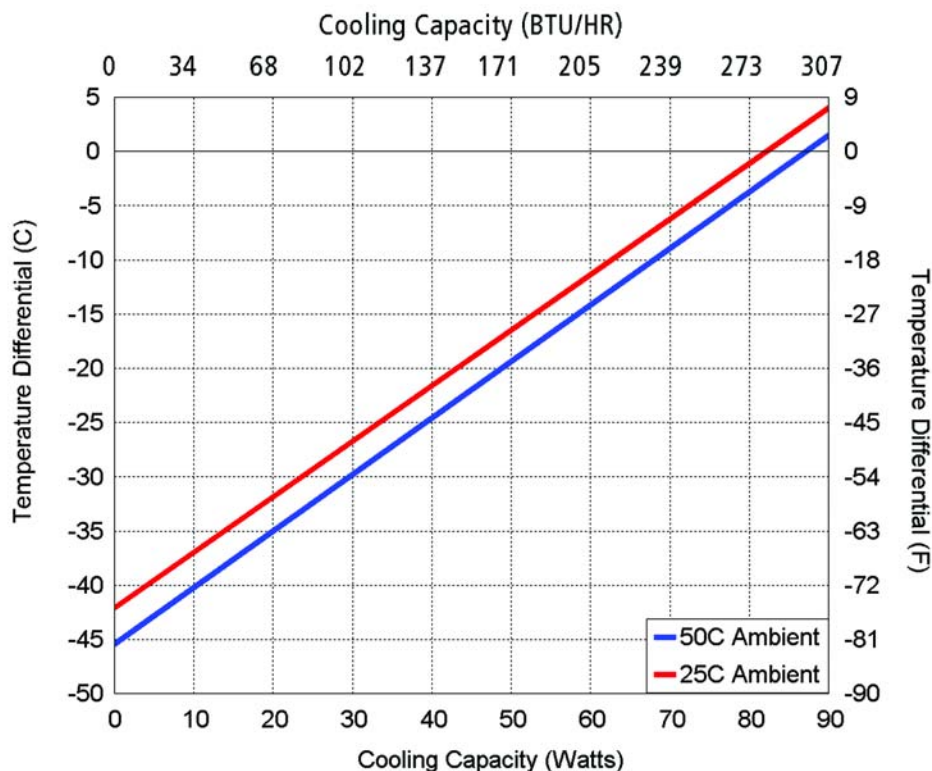
ENVIRONMENTS

- Bench top
- Laboratory
- Industrial

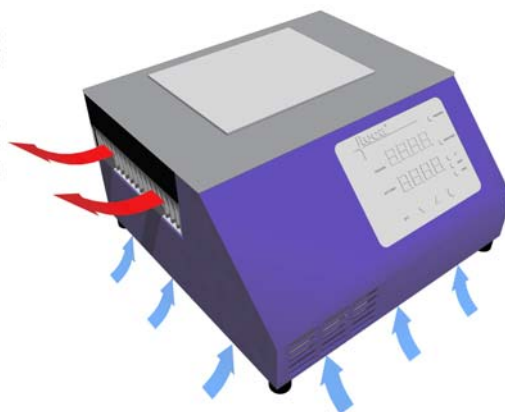
COOLING CAPACITY

82 Watts @ 0 °C ΔT

PERFORMANCE CURVE



Equation of line: $y = \Delta T(^{\circ}C)$ $x = \text{Capacity (Watts)}$		
Ambient Temp	25°C	50°C
Cold Plate	$y = .51x - 42.1$	$y = .51x - 45.4$



Ambient Air Path

DIMENSIONS

