

AHP-301CPV

Versatile Cold/Hot Plate

Air Cooled
Bench Top

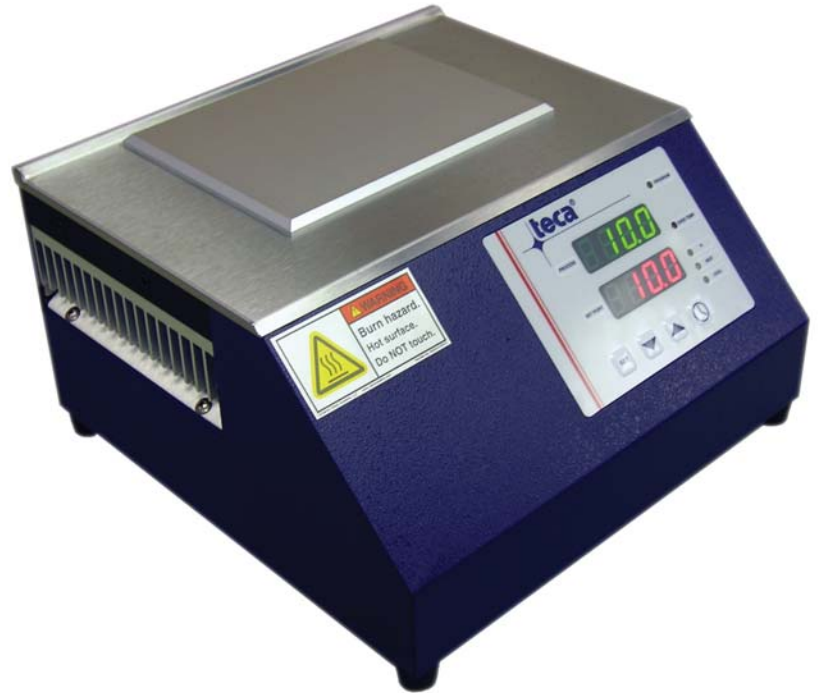
100-240 VAC Input

FEATURES

- Precision machined cold plate surface
- Easy clean stainless steel top surface
- Cools and heats (TYP. -20 °C to 90 °C)
- 100-240 VAC universal input
- Low-profile design with ergonomic sloped front
- Variable fan speed for quieter operation
- Weighs only 13 lbs. (5.9 kg)
- Compact bench top unit, 9.8" X 10.1" footprint
- No compressor, fluorocarbons or filters.
- Virtually maintenance-free operation
- See accessory page

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 °C
AHP-301CPV	9-70EB-1-0A0	Smooth Surface	260-280	100-240	2.0	13 (5.9)	TC-4300	0-45
AHP-301CPV	9-70E5-1-0A0	Smooth Surface	260-280	24 VDC	7.0	13 (5.9)	TC-4300	0-45
AHP-301CPV	9-70EB-1-TAP	Tap Pattern	260-280	100-240	2.0	13 (5.9)	TC-4300	0-45
AHP-301CPV	9-70E5-1-TAP	Tap Pattern	260-280	24 VDC	7.0	13 (5.9)	TC-4300	0-45

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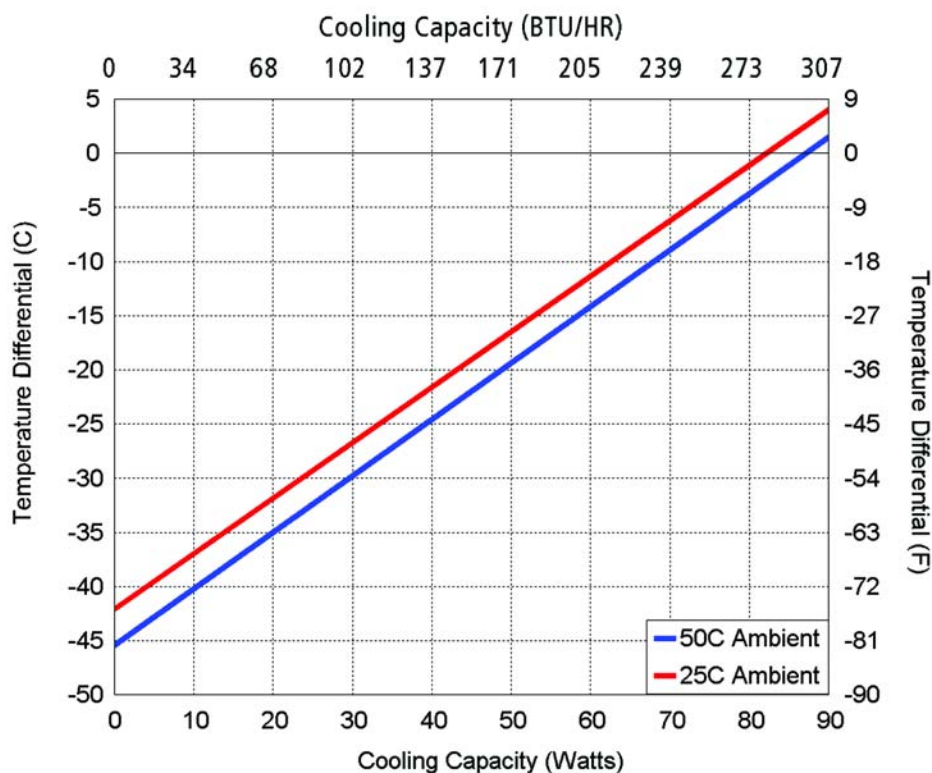
ENVIRONMENTS

- Bench top
- Laboratory
- Industrial

COOLING CAPACITY

85 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

