

AHP-401CP Cold/Hot Plate

Air Cooled
Bench Top

General Purpose 120 VAC & 240 VAC
75 Watts

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

MODEL	PART NUMBER	NOTES	PERFORMANCE RATING WATTS	VOLTAGE VAC	CURRENT AMPS.	WEIGHT LBS. (KG)	TEMP. CONTROL *	OPERATING AMBIENT °C
AHP-401CP	1-F090-0-001	Cool only	75	120	1.2	12(5.2)	None	-15/+70
AHP-401CP	1-F050-0-001	Cool only	75	120	1.2	12(5.2)	EXT *	-15/+70
AHP-401CPHC	1-F050-1-001	Heat/Cool	75	120	1.2	12(5.2)	EXT *	-15/+70
AHP-402CP	1-F092-0-001	Cool only	75	240	.6	12(5.2)	None	-15/+70
AHP-402CP	1-F052-0-001	Cool only	75	240	.6	12(5.2)	EXT *	-15/+70
AHP-402CPHC	1-F052-1-001	Heat/Cool	75	240	.6	12(5.2)	EXT *	-15/+70

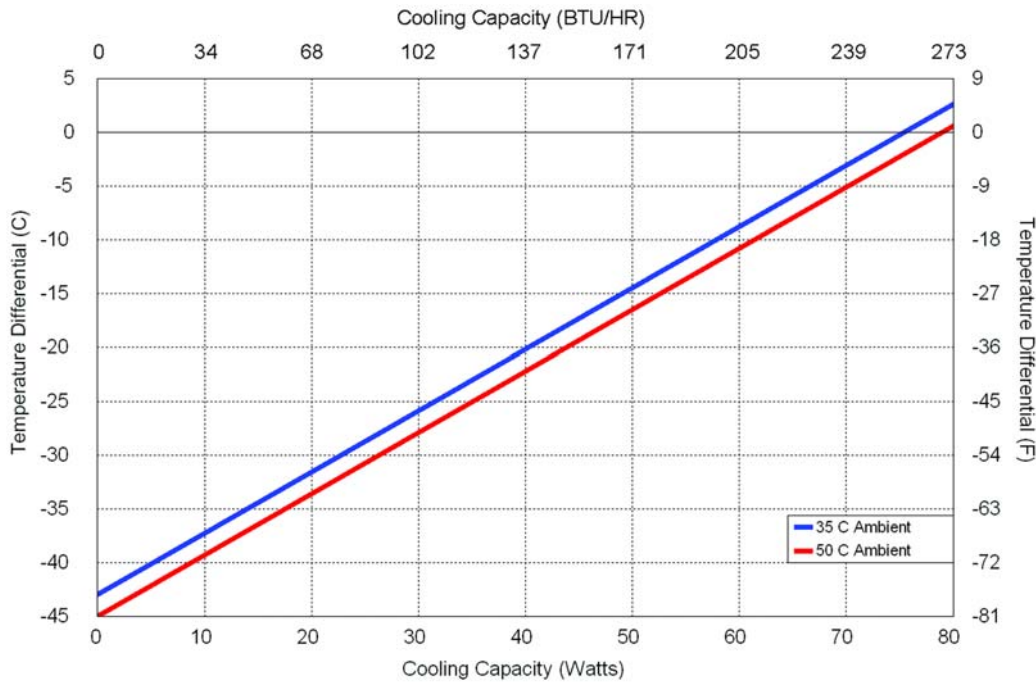
* Unit is set for 5-32 VDC external control signal, relay included

AHP-401CP**ENVIRONMENTS**

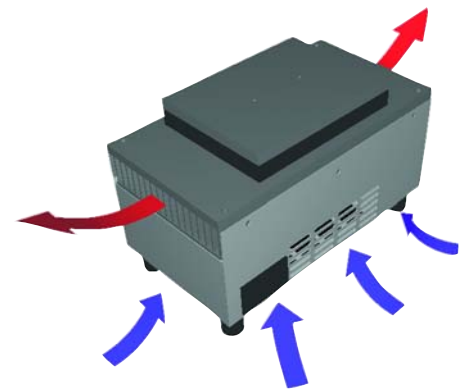
Bench Top, Factory, Industrial, OEM

COOLING CAPACITY

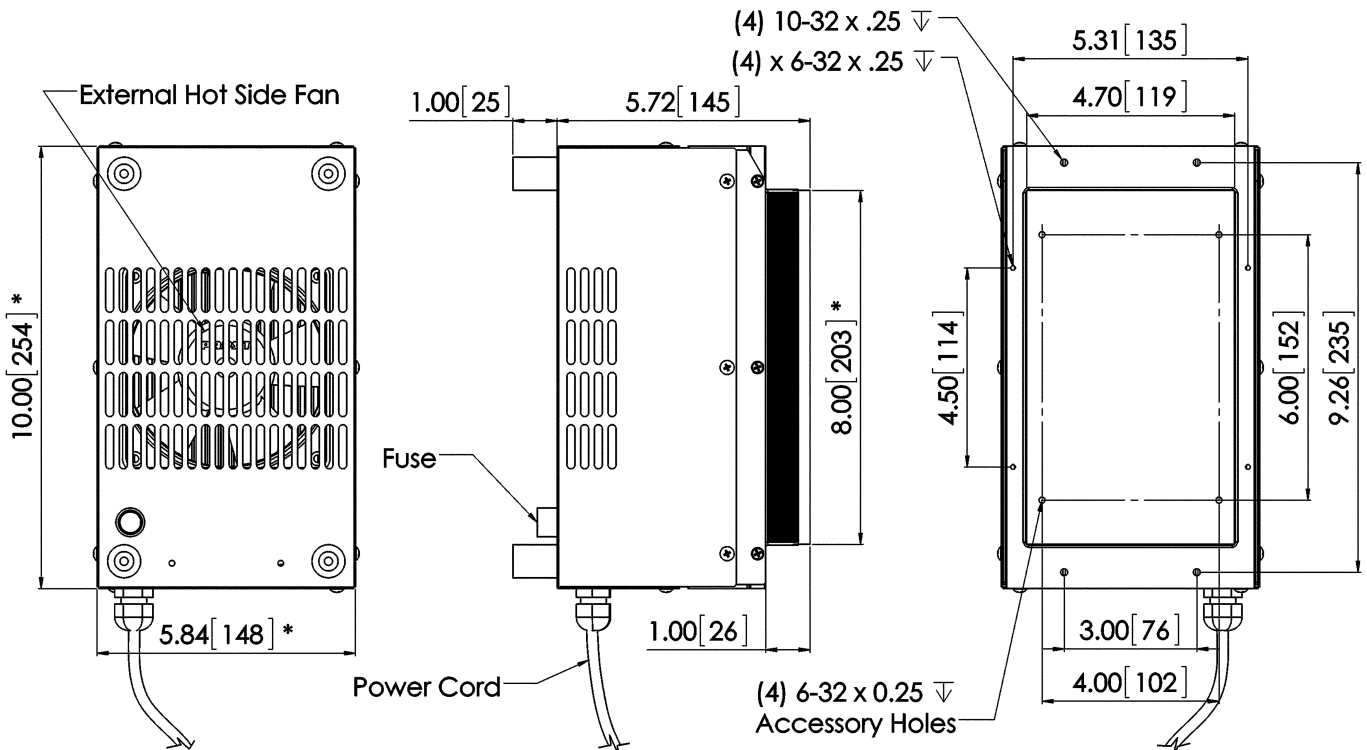
75 Watts @ 0 °C ΔT

PERFORMANCE CURVE

Equation of Line: $y = \Delta T(^{\circ}\text{C})$ $x = \text{Capacity (Watts)}$		
Ambient Temp	35°C	50°C
Cold Plate	$y = 0.57x - 43$	$y = 0.57x - 45$



Air Flow Pattern

DIMENSIONS

* Dimension does not include hardware and sealant
 Dimensions: Inches [Millimeters]