

# AHP-301CP Cold Plate

Air Cooled  
Bench Top

General Purpose 120 VAC, 240 VAC Input  
70 Watts

## FEATURES

- Direct contact cooling as much as 52°C below room temperature
- Weighs only 11 lbs. (5.0 kg)
- Mounts through bench top or enclosure wall
- No compressor, fluorocarbons or filters
- Virtually maintenance-free operation
- Stainless steel exterior housing
- Mounts in any orientation

## INCLUDES

- Cold plate accessory tapped holes
- Rubber feet
- Power input cord
- Machined cold plate surface



## SPECIFICATIONS

MODEL	PART NUMBER	NOTES	PERFORMANCE RATING BTU/HR	VOLTAGE VAC 50/60 Hz	CURRENT AMPS.	WEIGHT LBS. (KG)	TEMP. CONTROL *	OPERATING AMBIENT °C
AHP-301CP	1-7090-0-000	Cool only	225-265	120	1.2	11(5)	none	-10/+60
AHP-301CP	1-7050-0-000	Cool only	225-265	120	1.2	11(5)	EXT*	-10/+60
AHP-301CPHC	1-7050-1-000	Heat/Cool	225-265	120	1.2	11(5)	EXT*	-10/+60
AHP-301CP	1-7092-0-000	Cool only	225-265	240	0.6	11(5)	none	-10/+60
AHP-301CP	1-7052-0-000	Cool only	225-265	240	0.6	11(5)	EXT*	-10/+60
AHP-301CPHC	1-7052-1-000	Heat/Cool	225-265	240	0.6	11(5)	EXT*	-10/+60

\* Unit is set for 5-32 VDC external signal, relay(s) included

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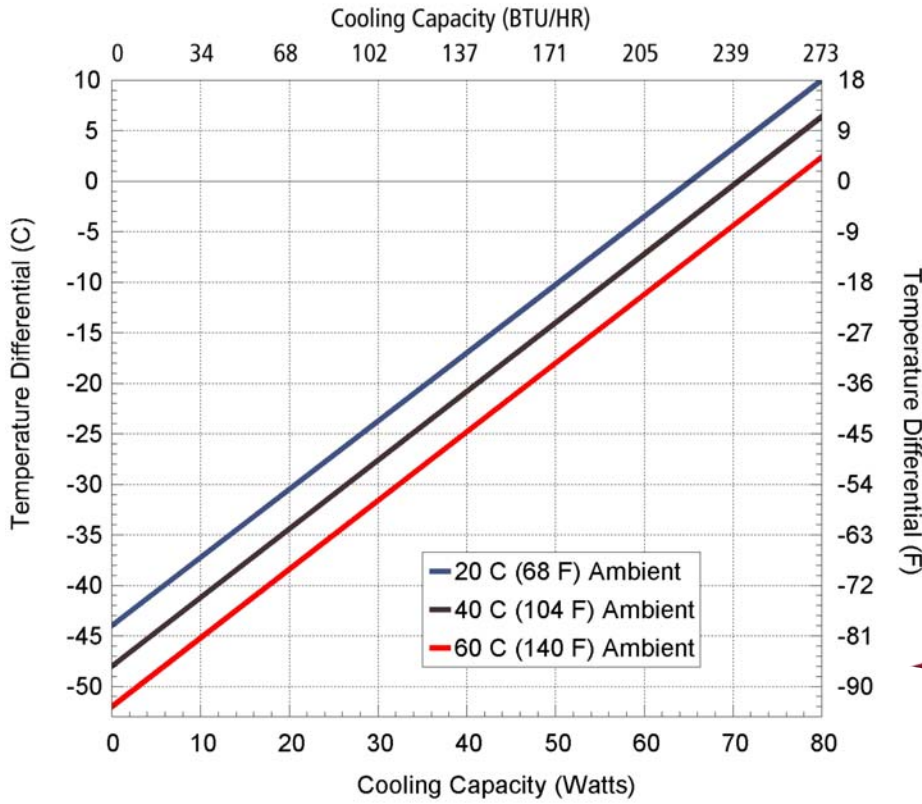
## ENVIRONMENTS

- Bench top
- Factory
- Industrial/OEM

## COOLING CAPACITY

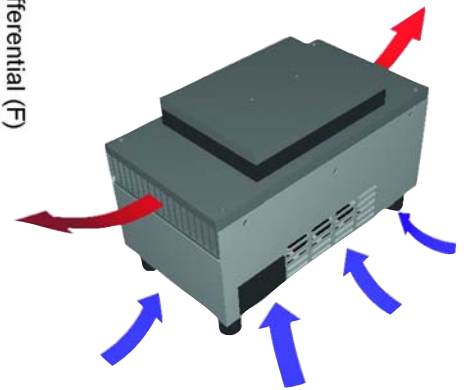
70 Watts @ 0 °C ΔT (40 °C Ambient)

## PERFORMANCE CURVE



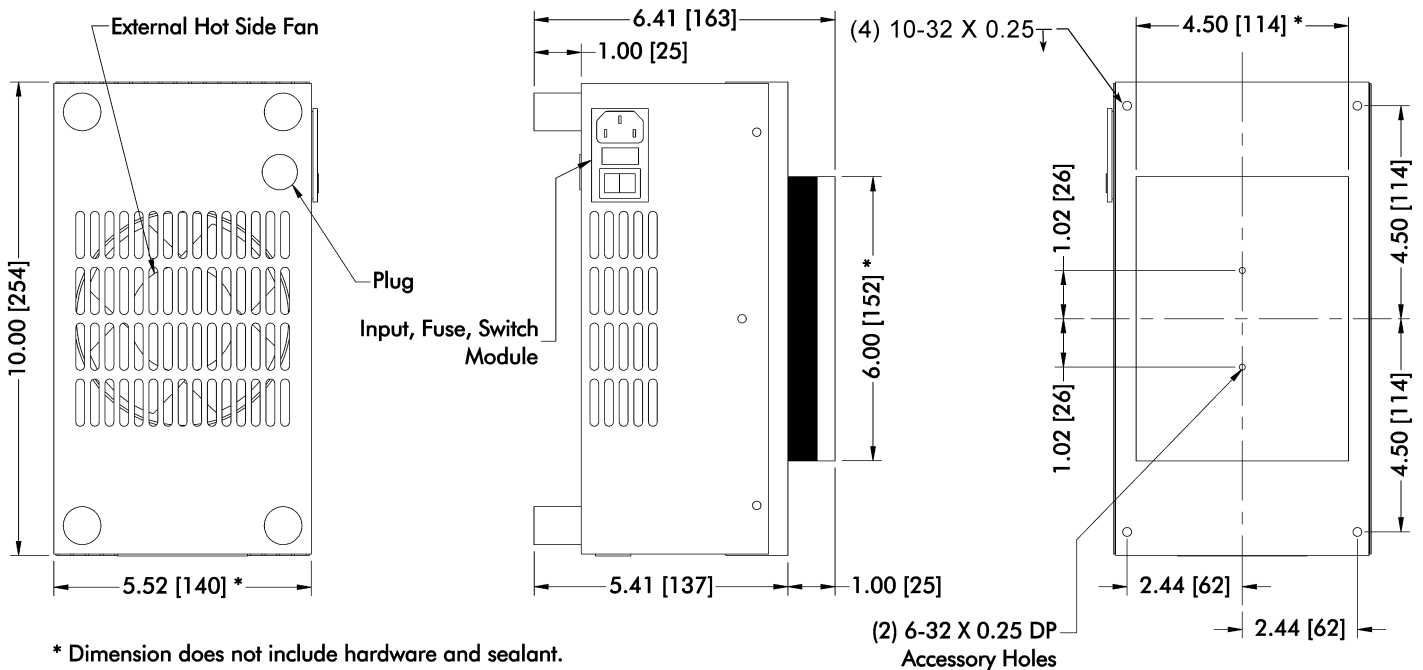
Equation of line:  $y = \Delta T(^{\circ}C)$   $x = \text{Capacity (Watts)}$

Ambient Temp	20°C	40°C	60°C
Cold Plate	$y = .68x - 44.0$	$y = .68x - 48.0$	$y = .68x - 52.0$



Ambient Air Path

## DIMENSIONS



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