AHP-250CP | Cold/Hot Plate

Air Cooled

General Purpose 12 VDC, 24 VDC
46 Watts

FEATURES

- Compact (only 6" X 4.75" X 4.4")
- Mounts and operates in any orientation: horizontal, vertical, etc.
- Low vibration and noise
- No moving parts except fan
- Environmentally safe
- No compressor, fluorocarbons or filters
- Heat via reverse polarity
- Virtually maintenance-free operation
- Weight 3.8 LBS. (1.7 KG)

INCLUDES

- Mounting gasket
- Mounting hardware
- Power input leads

OPTIONS

- Adaptable for TC-3400 controller
- Adaptable for TC-3500 H-Bridge controller
- Stainless steel exterior housing

PERFORMANCE RATINGS

Cooling	46 WATTS
Cooling COP	0.64
Heating	> 72 Watts

SPECIFICATIONS

MODEL	PART NUMBER	NOTES	PERFORMANCE RATING WATTS	VOLTAGE VDC	CURRENT AMPS.	TEMP. CONTROL	OPERATING AMBIENT °C
AHP-250CPHC	1-L094-1-000	Heat/Cool	46	12	6	None	-10/+60
AHP-250CPHC	1-L095-1-000	Heat/Cool	46	24	3	None	-10/+60

Heat function via reverse polarity (requires controller with H-Bridge)

Cold Plate- Air Cooled

AHP-250CP

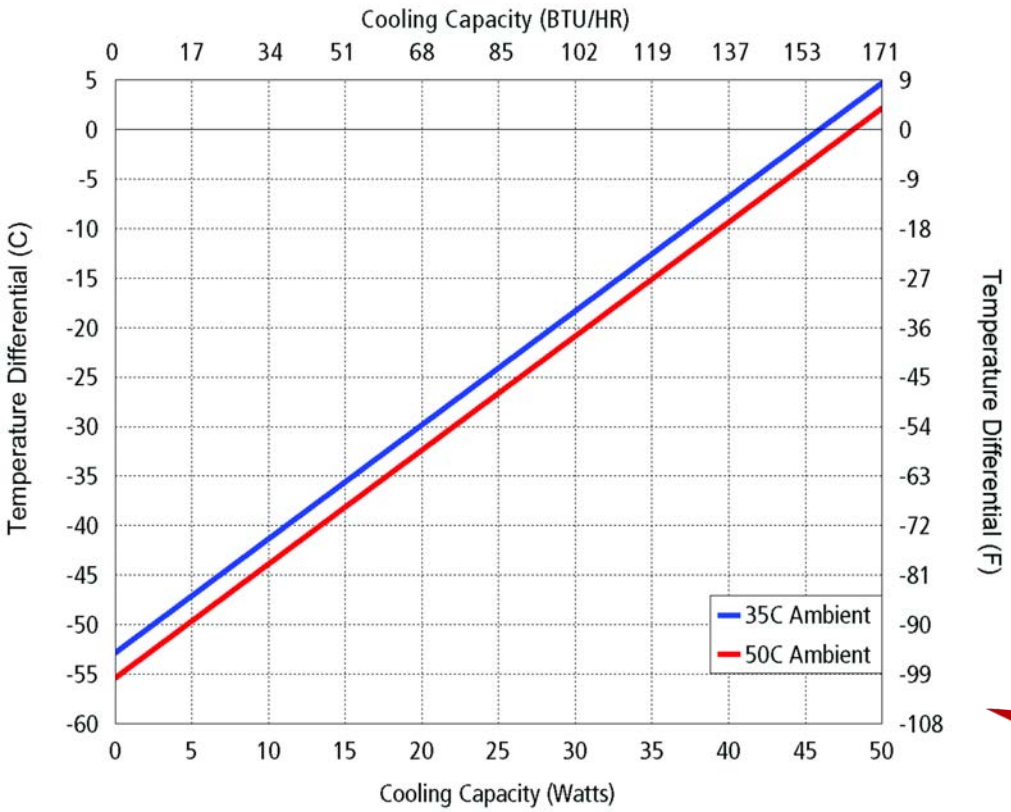
ENVIRONMENTS

Bench Top, Factory, Industrial, OEM

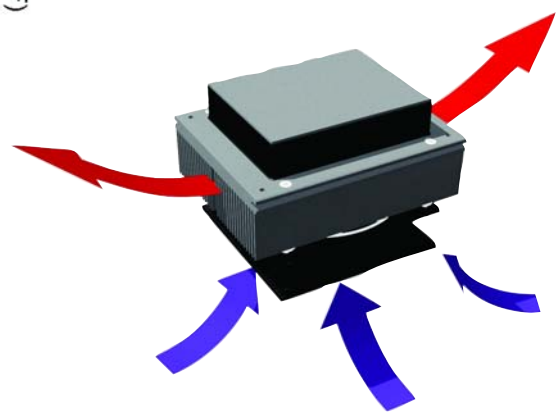
COOLING CAPACITY

46 Watts @ 0 °C ΔT

PERFORMANCE CURVE

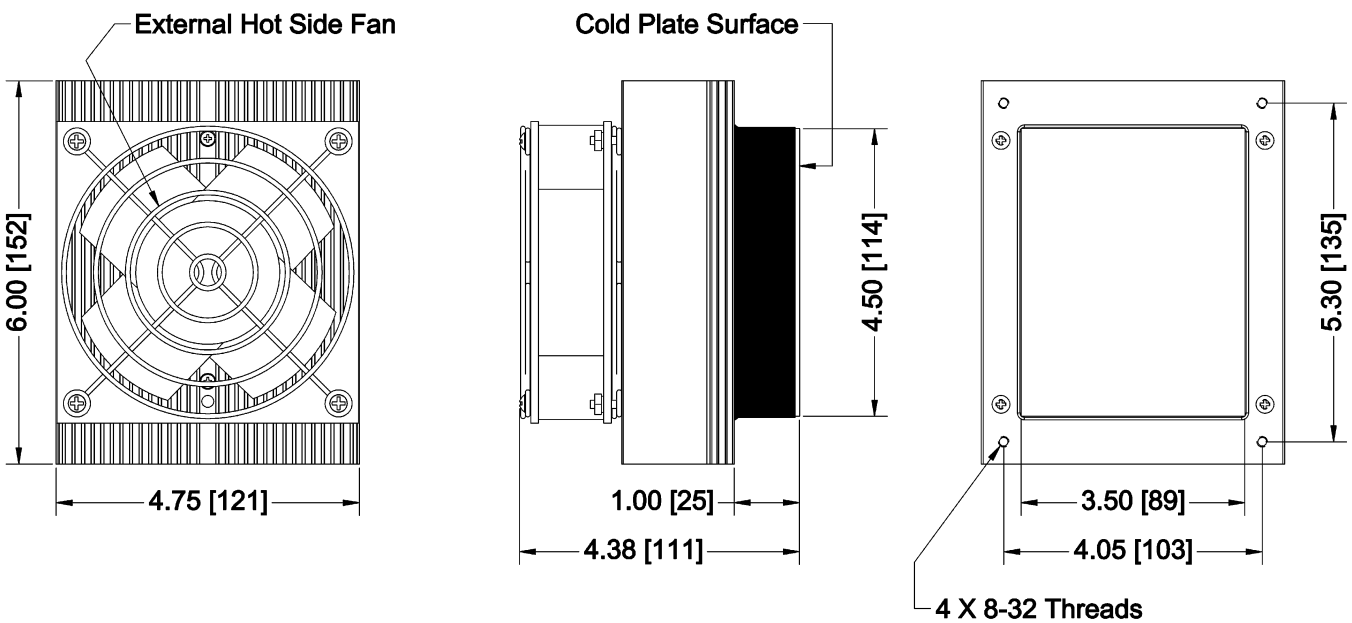


Equation of Line:	y=ΔT(°C)	x=Capacity (Watts)
Ambient Temp	**35°C**	**50°C**
Cold Plate	y=1.15x-52.8	y=1.15x-55.4



Air Flow Pattern

DIMENSIONS



Dimension does not include hardware and sealant.
Hardware and gasket included but not shown.
Dimensions: Inches [Millimeters]