

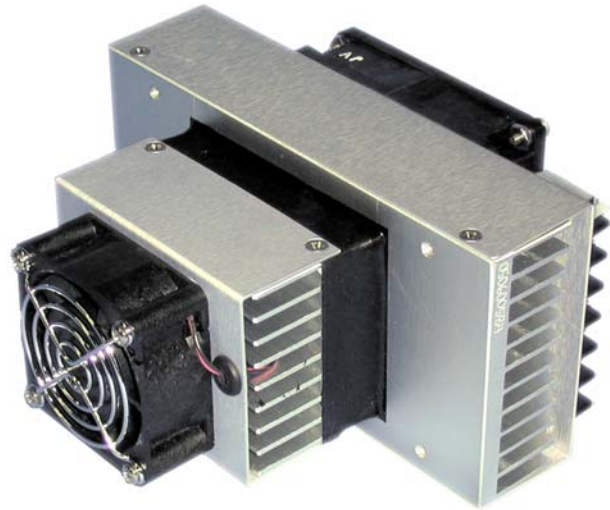
AHP-150FF Air Conditioner

Air Cooled
Through Mounted
NEMA-12, 4

General Purpose VDC Input
100 BTU/HR

FEATURES

- Compact (only 7" X 5" X 6")
- Mounts and operates in any orientation: horizontal, vertical, etc.
- Low vibration and noise
- No moving parts except fans
- Environmentally safe
- No compressor, fluorocarbons or filters
- Virtually maintenance-free operation
- Weight 3.2 LBS.



OPERATING TEMPERATURES

Operating Ambient -40/+70 °C
Operating Enclosure -10/+60 °C

PERFORMANCE RATINGS

Cooling (Traditional) 100 BTU/HR
Cooling (Din 3168) 29 WATTS
Cooling COP (at L35 L35) 0.40

OPTIONS

- Temperature Control TC-6F DC for cool only
- Temperature Control TC-3F DC for heat/cool
- Adaptable for TC-3400
- Adaptable for TC-3500 (only Rev. Pol. versions)

INCLUDES

- Mounting gasket
- Mounting hardware
- Power input leads

CONFIGURATIONS

MODEL	PART NUMBER	NOTES	HEAT Watts	VOLTAGE VDC	CURRENT AMPS	ENVIRONMENT
AHP-150FF	0-8098-0-000	Cool only, industrial fans	None	12/24	12/6/3	NEMA-12, IP 52
AHP-150FFHC	0-8094-1-000	Heat/Cool, industrial fans	36	12	6	NEMA-12, IP 52
AHP-150FFHC	0-8095-1-000	Heat/Cool, industrial fans	36	24	3	NEMA-12, IP 52
AHP-150FFHC	0-8098-1-001	Heat/Cool, industrial fans, Rev. Pol.	72	12/24	12/6/3	NEMA-12, IP 52
AHP-150XE	0-8094-4-000	Cool only, sealed hot side fan	None	12	6	NEMA-4, IP 56
AHP-150XEHC	0-8094-5-000	Heat/Cool, sealed hot side fan	36	12	6	NEMA-4, IP 56
AHP-150XEHC	0-8094-5-001	Heat/Cool, sealed hot side fan, Rev. Pol.	72	12	6	NEMA-4, IP 56

AHP-150FF

MOUNTING STYLE

Through Mounted

ENVIRONMENTS SERVED

NEMA-12 IP 52

NEMA-4 IP 54

RATING (TRADITIONAL)

100 BTU/hr @ 0 °F ΔT

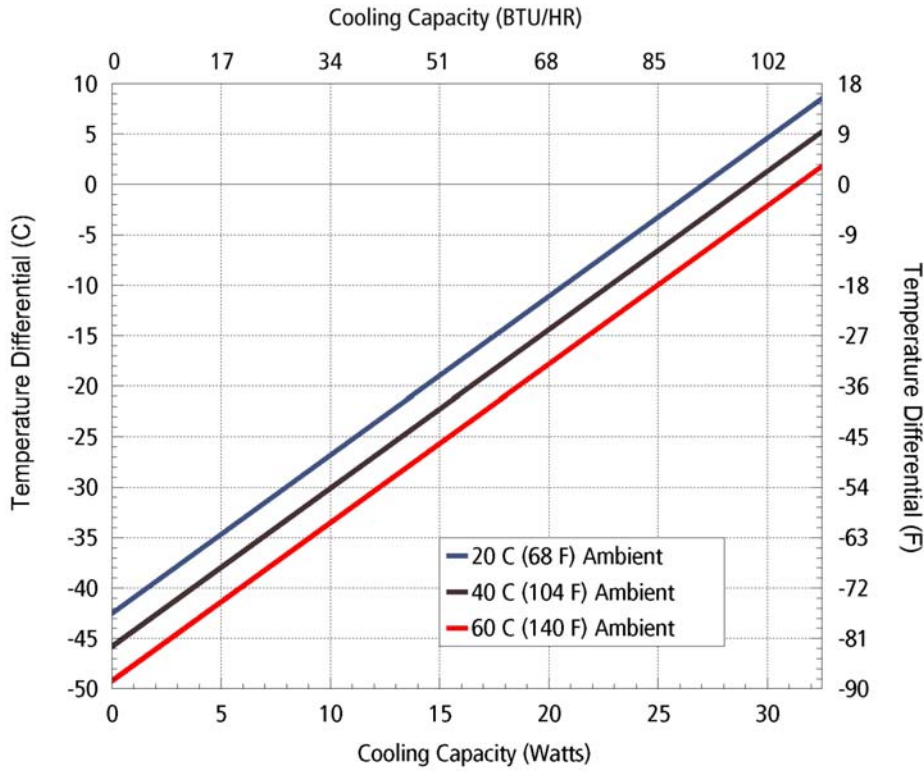
123 BTU/hr @ +20 °F ΔT

RATING (DIN 3168)

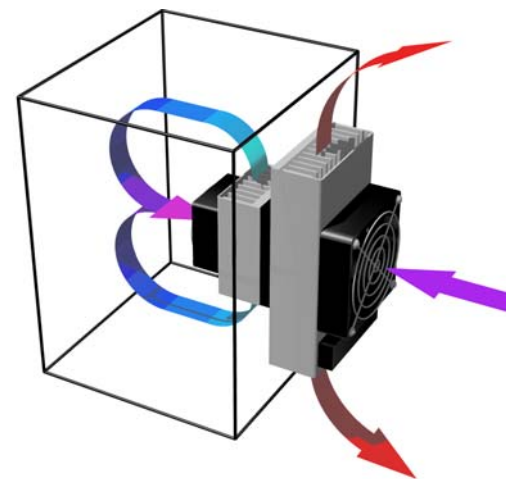
29 Watts L35 L35

21 Watts L35 L50

PERFORMANCE CURVE

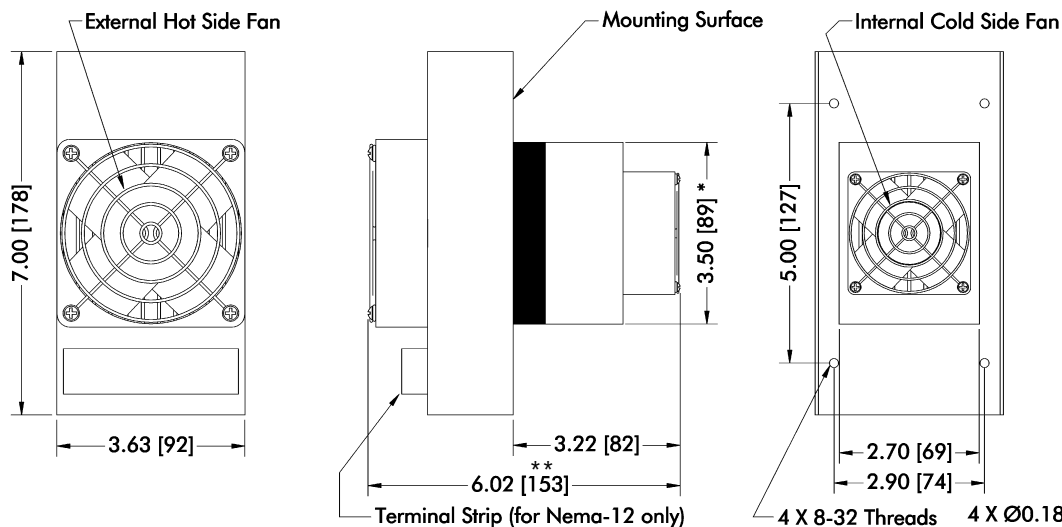


Equation of line: $y = \Delta T(^{\circ}C)$ $x = \text{Capacity (Watts)}$			
Ambient Temp	20°C	40°C	60°C
Enclosure Air	$y = 1.57x - 42.5$	$y = 1.57x - 45.8$	$y = 1.57x - 49.2$
Cold Sink	$y = 1.24x - 42.5$	$y = 1.24x - 45.8$	$y = 1.24x - 49.2$

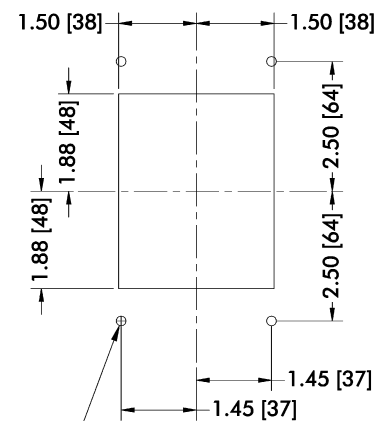


Air Flow Pattern

DIMENSIONS



MOUNTING CUTOUT DIMENSIONS



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