FHP-1501 | Air Conditioner

Air Cooled
Flush Mounted
NEMA-12, NEMA-4/4X

24 VDC Input
950 BTU/HR



FEATURES

- Externally mounted (no intrusion)
- Mounts in multi-unit array for incremental capacity
- Compact (only 15" X 12" X 9")
- Mounts in any orientation (condensate control may not work properly in all orientations)
- No moving parts except fans
- Environmentally safe
- No compressor, fluorocarbons or filters
- Virtually maintenance-free operation
- Stainless steel exterior housing
- Custom finishes
- Operating ambient temperature range -40/+70 °C
- Operating enclosure temperature range -10/+60 °C
- Weight 55 LBS.

POWER INPUTS

Voltage	24 VDC
Current, Active	18 AMPS

CONTROL TEMPERATURES

Temp. Control	Active Heat °C	ECO-Mode °C	Active Cool °C
TC-1F	-	-	35
TC-6F	-	-	25 or 35
TC-3F	10	-	35
TC-7F	10	25	35

PERFORMANCE RATINGS

Cooling (Traditional)	950 BTU/HR
Cooling (Din 3168)	278 WATTS
Cooling COP (at L35 L35)	0.64
Heating (Traditional)	1470 BTU/HR
Heating (Din 3168)	430 WATTS
Heating COP (at L35 L35)	> 1.0

INCLUDES

- Mounting gasket and hardware
- Power input leads
- Condensate control system

250 VDC configuration for crane applications available

CONFIGURATIONS

MODEL	PART NUMBER	NOTES	TEMPERATURE CONTROL	ENVIRONMENT
FHP-1501	7-2185-0-000	Cool only	TC-6F	NEMA-12, IP 52
FHP-1501	7-21F5-0-000	Cool only	TC-1F	NEMA-12, IP 52
FHP-1501	7-2155-0-000	Cool only	EXT*	NEMA-12, IP 52
FHP-1501HC	7-2135-1-000	Cool only	TC-3F	NEMA-12, IP 52
FHP-1501HC	7-21I5-1-000	Heat/Cool	TC-7F	NEMA-12, IP 52
FHP-1501HC	7-2155-1-000	Heat/Cool	EXT*	NEMA-12, IP 52
FHP-1501HC	7-21H5-1-000	Heat/Cool	TC-4600	NEMA-12, IP 52

MODEL	PART NUMBER	NOTES	TEMPERATURE CONTROL	ENVIRONMENT
FHP-1501XE	7-2185-4-000	Cool only	TC-6F	NEMA-4/4X, IP 56
FHP-1501XE	7-21F5-4-000	Cool only	TC-1F	NEMA-4/4X, IP 56
FHP-1501XE	7-2155-4-000	Cool only	EXT*	NEMA-4/4X, IP 56
FHP-1501XEHC	7-2135-5-000	Cool only	TC-3F	NEMA-4/4X, IP 56
FHP-1501XEHC	7-21I5-5-000	Heat/Cool	TC-7F	NEMA-4/4X, IP 56
FHP-1501XEHC	7-2155-5-000	Heat/Cool	EXT*	NEMA-4/4X, IP 56
FHP-1501XEHC	7-21H5-5-000	Heat/Cool	TC-4600	NEMA-4/4X, IP 56

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

FHP-1501

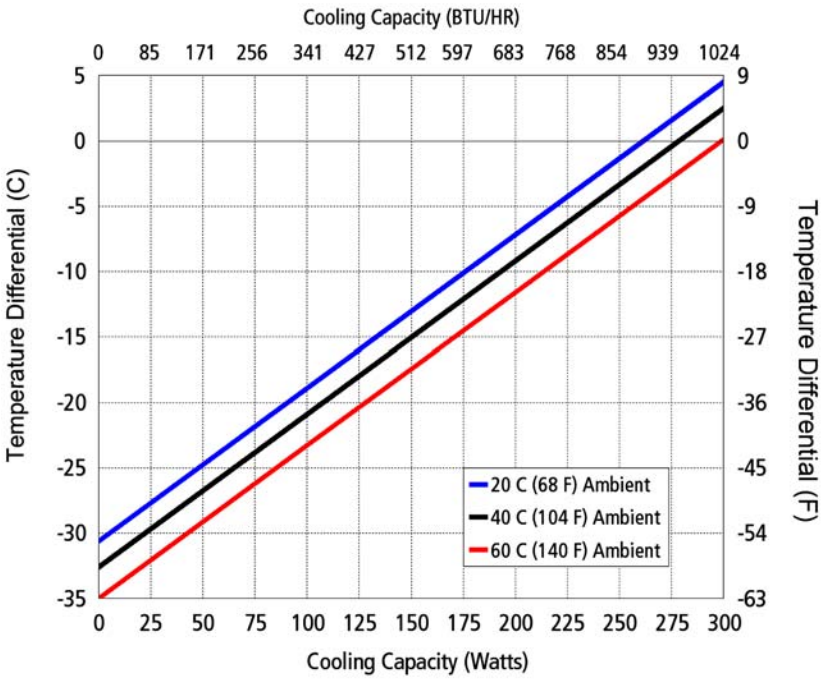
MOUNTING STYLE
Flush Mounted

ENVIRONMENTS SERVED
NEMA-12 IP 52
NEMA-4/4X IP 56

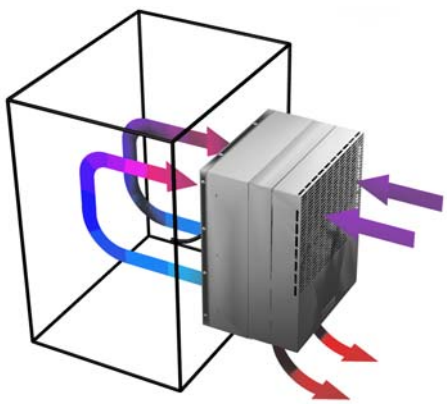
RATING (TRADITIONAL)
950 BTU/hr @ 0 °F ΔT
1270 BTU/hr @ +20 °F ΔT

RATING (DIN 3168)
278 Watts L35 L35
162 Watts L35 L50

PERFORMANCE CURVE

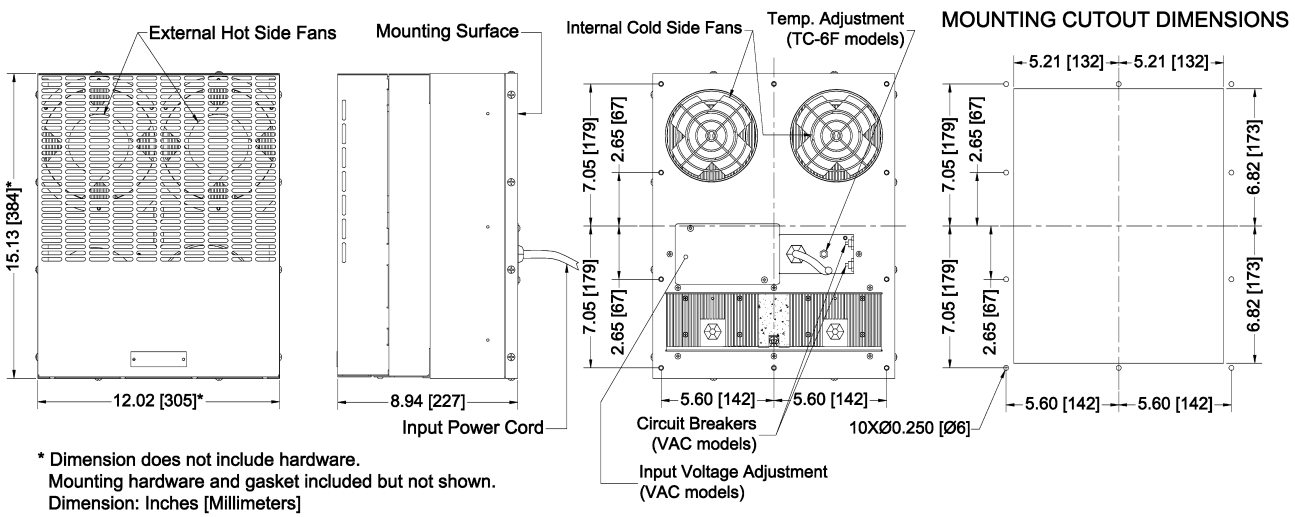


Equation of line: y=ΔT(°C) x=Capacity (Watts)			
Ambient Temp	**20°C**	**40°C**	**60°C**
Enclosure Air	y=.117x-30.6	y=.117x-32.6	y=.117x-35.0
Cold Sink	y=.093x-30.6	y=.093x-32.6	y=.093x-35.0



Air Flow Pattern

DIMENSIONS



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