

FHP-1501 Air Conditioner

Air Cooled
Flush Mounted
NEMA-4/4X

120/240 VAC Input
950 BTU/HR

FEATURES

- Externally mounted (no intrusion)
- Mounts in multi-unit array for incremental capacity
- 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
- Dual voltage (120/240 VAC)
- Custom finishes
- Operating ambient temperature range -40/+70 °C
- Operating enclosure temperature range -10/+60 °C
- Agency approvals: UL1995, CSA22.2, CE
- Weight 55 LBS.



POWER INPUTS

Voltage	120/240 VAC
Current, Active	8.0/5.5 AMPS

PERFORMANCE RATINGS

Cooling (Traditional)	950 BTU/HR
Cooling (Din 3168)	278 WATTS
Cooling COP (at L35 L35)	0.29

INCLUDES

- Integral power supply
- Mounting gasket and hardware
- Power input cord
- Condensate control system

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

CONFIGURATIONS

MODEL	PART NUMBER	NOTES	TEMPERATURE CONTROL	ENVIRONMENT
FHP-1501XE	7-2181-4-000	Cool only, sealed hot side fan	TC-6F	NEMA-4/4X, IP 56
FHP-1501XE	7-21F1-4-000	Cool only, sealed hot side fan	TC-1F	NEMA-4/4X, IP 56
FHP-1501XE	7-2151-4-000	Cool only, sealed hot side fan	EXT*	NEMA-4/4X, IP 56
FHP-1501XEHC	7-2131-5-000	Heat/Cool, sealed hot side fan	TC-3F	NEMA-4/4X, IP 56
FHP-1501XEHC	7-2151-5-000	Heat/Cool, sealed hot side fan	EXT*	NEMA-4/4X, IP 56

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



FHP-1501

MOUNTING STYLE

Flush Mounted

ENVIRONMENTS SERVED

NEMA-4/4X IP 56

RATING (TRADITIONAL)

950 BTU/hr @ 0 °F ΔT

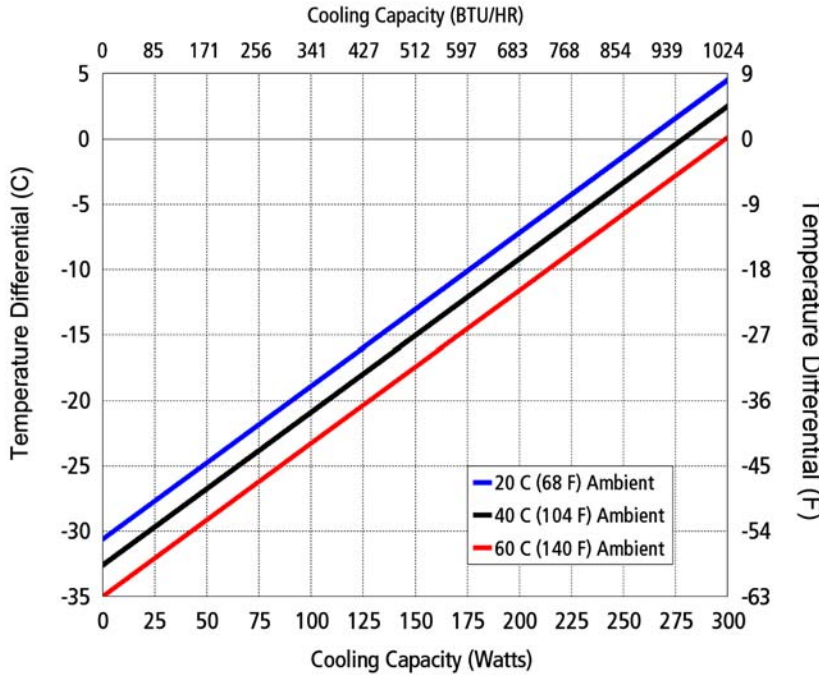
1270 BTU/hr @ +20 °F ΔT

RATING (DIN 3168)

278 Watts L35 L35

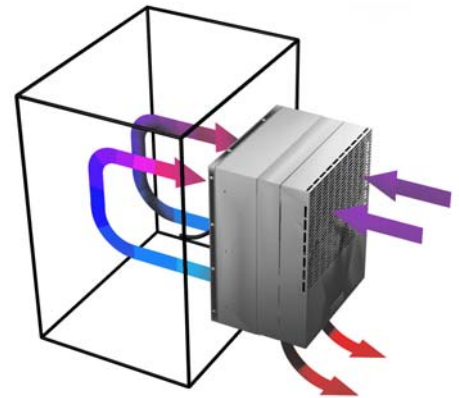
162 Watts L35 L50

PERFORMANCE CURVE



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

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

