

FHP-1501

Solid-State Air Conditioner

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

FEATURES

- Externally mounted (no intrusion)
- Mounts in multi-unit array for incremental capacity
- Compact (only 15" L X 12" W X 9" D)
- Weighs only 55 lbs. (25 kg)
- Ambient range -10°C to +70°C
- No compressor, fluorocarbons or filters
- Virtually maintenance-free operation
- Stainless steel exterior housing
- Dual voltage (120/240 VAC)
- No moving parts except fans
- Environmentally safe



INCLUDES

- Integral power supply
- Condensate removal system
- Adjustable temperature control
- Mounting gasket for Nema-12, Nema-4 seal
- Mounting hardware

APPLICATIONS

Used to cool electronic enclosures where limited amount of space is available for through mount style.

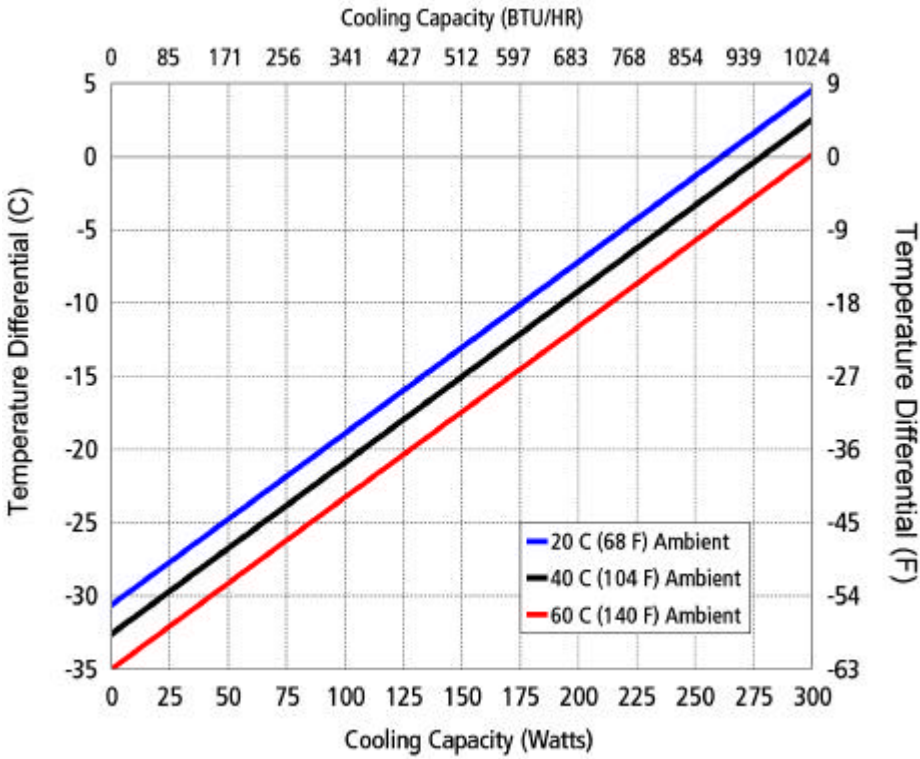
SPECIFICATIONS

	MODEL	PART NUMBER	NOTES	PERFORMANCE RATING BTU/HR	VOLTAGE VAC 50/60 HZ	CURRENT AMPS.	WEIGHT LBS. (KG)	TEMP. CONTROL *	CONDENSATE REMOVAL	OPERATING AMBIENT °C	AGENCY APPROVALS (ETL)
NEMA 12	→ FHP-1501	7-2181-0-000	Cool only	1000-1100	120/240	7.5/5.0	55(25)	TC-6F	Included	-10/+70	UL1995/CSA22.2, CE
	→ FHP-1501	7-2151-0-000	Cool only	1000-1100	120/240	7.5/5.0	55(25)	OPT*	Included	-10/+70	UL1995/CSA22.2, CE
NEMA 4X	→ FHP-1501HC	7-2131-1-000	Heat/Cool	1000-1100	120/240	7.5/5.0	55(25)	TC-3F	Included	-10/+70	UL1995/CSA22.2, CE
	→ FHP-1501HC	7-2151-1-000	Heat/Cool	1000-1100	120/240	7.5/5.0	55(25)	OPT*	Included	-10/+70	UL1995/CSA22.2, CE
NEMA 4X	→ FHP-1501XE	7-2181-4-000	Cool only	1000-1100	120/240	8.0/5.5	55(25)	TC-6F	Included	-10/+60	UL1995/CSA22.2, CE
	→ FHP-1501XE	7-2151-4-000	Cool only	1000-1100	120/240	8.0/5.5	55(25)	OPT*	Included	-10/+60	UL1995/CSA22.2, CE
NEMA 4X	→ FHP-1501XEHC	7-2131-5-000	Heat/Cool	1000-1100	120/240	7.5/5.0	55(25)	TC-3F	Included	-10/+70	UL1995/CSA22.2, CE
	→ FHP-1501XEHC	7-2151-5-000	Heat/Cool	1000-1100	120/240	7.5/5.0	55(25)	OPT*	Included	-10/+70	UL1995/CSA22.2, CE

*OPT; Unit is set up for TC-3300 controller (or similar)

FHP-1501

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	$y = .127x - 30.6$	$y = .127x - 32.6$	$y = .127x - 35.0$
Cold Sink	$y = .093x - 30.6$	$y = .093x - 32.6$	$y = .093x - 35.0$

MOUNTING STYLE

Flush Mounted

ENVIRONMENTS

Nema-12 IP 40 (maintains IP 52)

Nema-4/4X IP 56

RATING (TRADITIONAL)

950 BTU/hr @ 0 °F ΔT

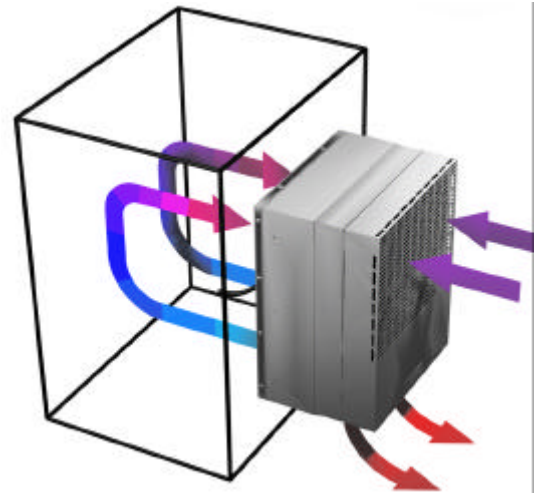
1270 BTU/hr @ +20 °F ΔT *

RATING (DIN 3168)

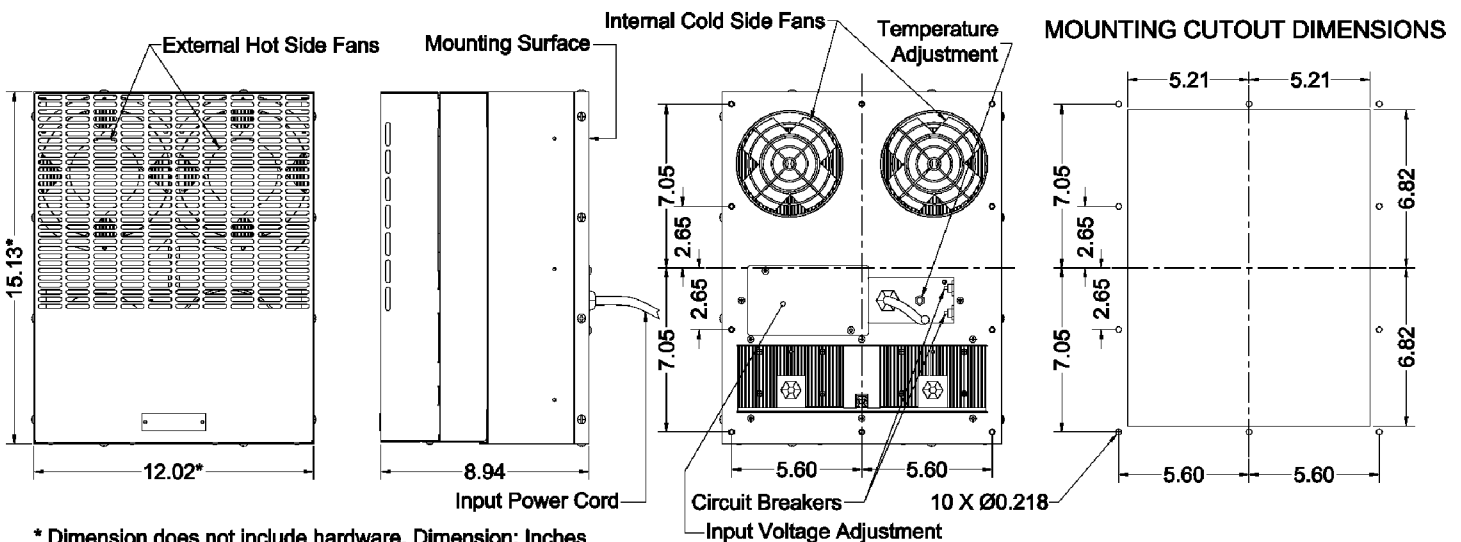
278 Watts L35 L35

162 Watts L35 L50

* See page 6



DIMENSIONS



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