

FHP-750

Solid-State Air Conditioner



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

FEATURES

- Externally mounted, no intrusion
- Compact (only 12" L X 6" W X 9" D)
- Weighs only 16 lbs. (7.2 kg)
- Ambient range -10°C to +70°C
- No compressor, fluorocarbons or filters
- Virtually maintenance-free operation
- Stainless steel exterior housing
- Nema-4 and Nema-12 versions
- Both 120 VAC and 240 VAC available
- CE marked

INCLUDES

- Integral power supply
- Power input cable
- Condensate removal system
- Adjustable temperature control
- Gasket for mounting
- Mounting hardware

APPLICATIONS

Used on small enclosures in electronics where space is premium. Telecommunications, medical and industrial.



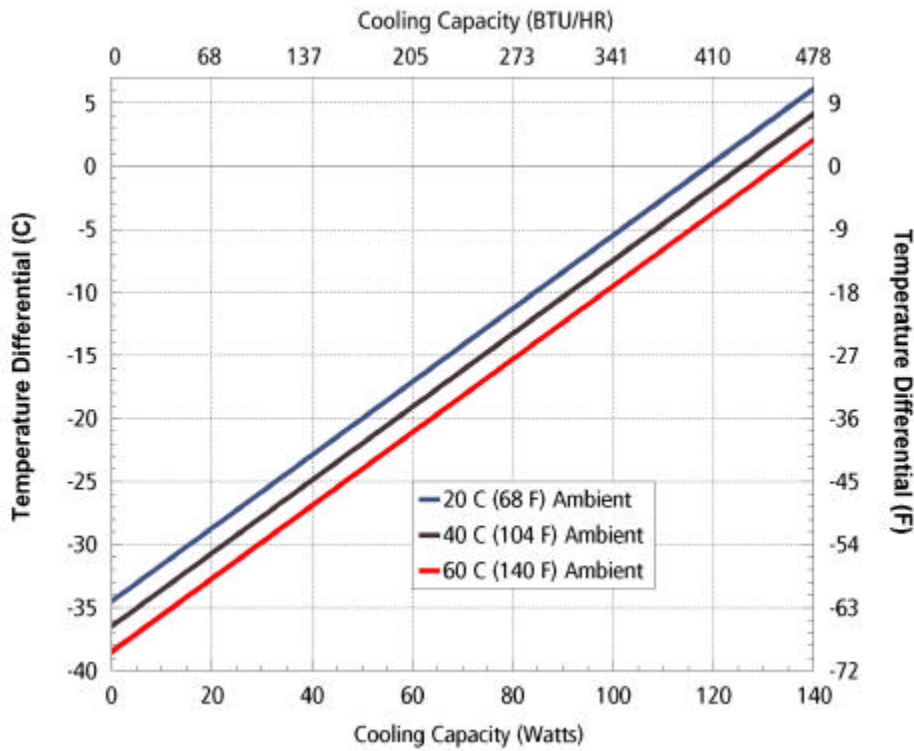
SPECIFICATIONS

	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-750	7-A580-0-000	Cool only, built in temperature control	400-450	120	4.5	16 (7.2)	TC-6F	Included	-10/+70	UL1995 CSA22.2, CE
	FHP-750	7-A550-0-000	Cool only, for remote temperature control	400-450	120	4.5	16 (7.2)	OPT*	Included	-10/+70	UL1995 CSA22.2, CE
	FHP-752	7-A582-0-000	Cool only, built in temperature control	400-450	240	2.5	23 (10.5)	TC-6F	Included	-10/+70	UL1995 CSA22.2, CE
	FHP-752	7-A552-0-000	Cool only, for remote temperature control	400-450	240	2.5	23 (10.5)	OPT*	Included	-10/+70	UL1995 CSA22.2, CE
NEMA 4X	FHP-750XE	7-A580-4-000	Cool only, built in temperature control	400-450	120	5.0	19(8.6)	TC-6F	Included	-10/+70	UL1995 CSA22.2, CE
	FHP-750XE	7-A550-4-000	Cool only, for remote temperature control	400-450	120	5.0	19(8.6)	OPT*	Included	-10/+70	UL1995 CSA22.2, CE
	FHP-752XE	7-A582-4-000	Cool only, built in temperature control	400-450	240	2.5	25(11.5)	TC-6F	Included	-10/+70	UL1995 CSA22.2, CE
	FHP-752XE	7-A552-4-000	Cool only, for remote temperature control	400-450	240	2.5	25(11.5)	OPT*	Included	-10/+70	UL1995 CSA22.2, CE

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

FHP-750

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	$y = .29x - 34.5$	$y = .29x - 36.5$	$y = .29x - 38.5$
Cold Sink	$y = .18x - 34.5$	$y = .18x - 36.5$	$y = .18x - 38.5$

MOUNTING STYLE

Flush Mounted

ENVIRONMENTS

Nema-12 IP 40 (maintains IP 52)

Nema-4/4X IP 56

RATING (TRADITIONAL)

430 BTU/hr @ 0 °F ΔT

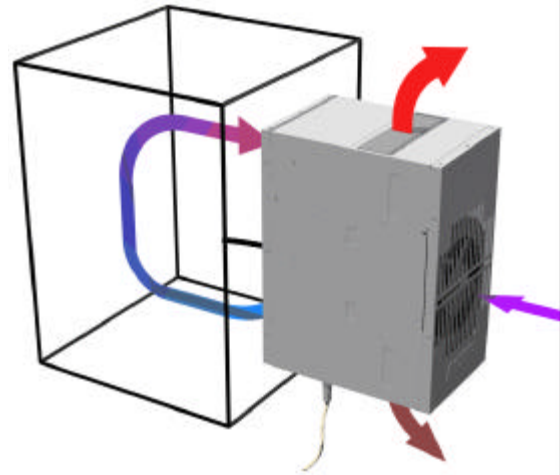
560 BTU/hr @ +20 °F ΔT *

RATING (DIN 3168)

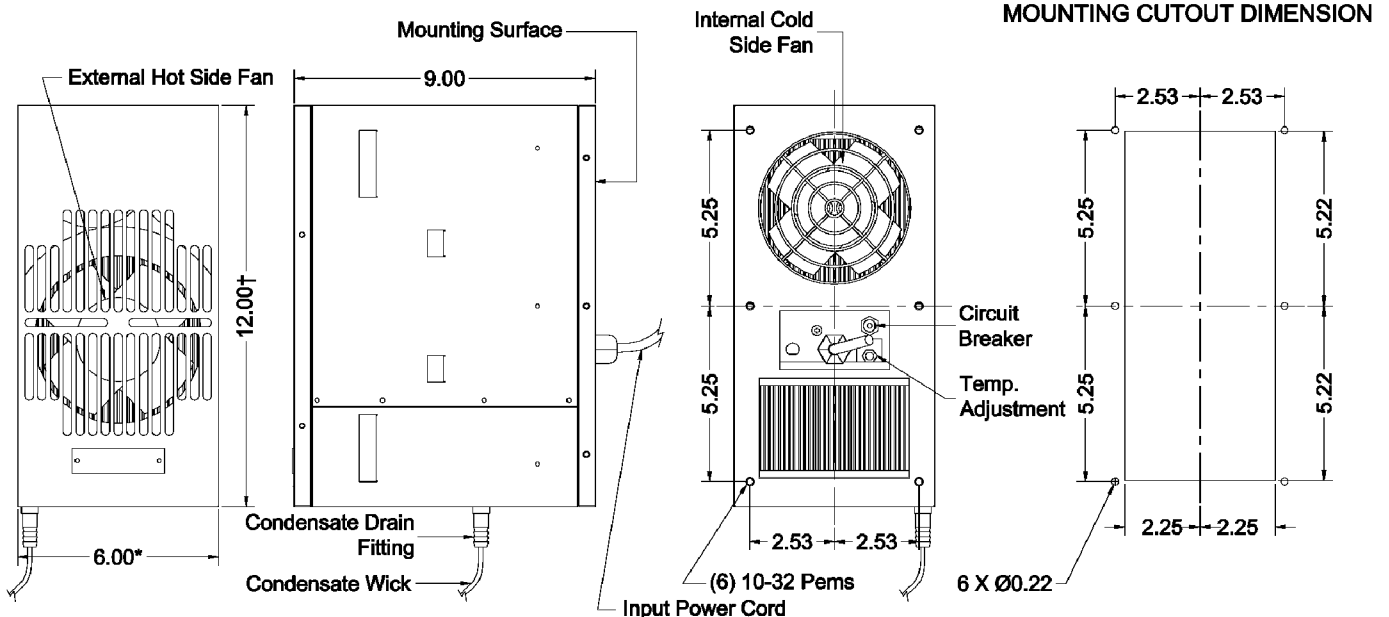
125 Watts L35 L35

78 Watts L35 L50

* See page 6



DIMENSIONS



* Dimension does not include hardware. Dimension: Inches
 † For FHP-752 this dimension is 14.55.
 Mounting hardware and gasket included but not shown.