

FHP-750 Air Conditioner

Air Cooled
Flush Mounted
NEMA-12, NEMA-4

24 VDC Input

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



INCLUDES

- Power input leads
- Condensate removal system
- Adjustable temperature control
- Gasket for mounting
- Mounting hardware

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-A585-0-000	Cool only, built in temperature control	400-450	24	9	16 (7.2)	TC-6F	Included	-10/+70	PENDING
	FHP-750	7-A555-0-000	Cool only, for remote temperature control	400-450	24	9	16 (7.2)	EXT*	Included	-10/+70	PENDING
	FHP-750HC	7-A595-1-000	Heat/Cool without temperature control	400-450	24	9	16 (7.2)	EXT**	Included	-10/+70	PENDING
NEMA 4	FHP-750XE	7-A585-4-000	Cool only, built in temperature control	400-450	24	9	19(8.6)	TC-6F	Included	-10/+70	PENDING
	FHP-750XE	7-A555-4-000	Cool only, for remote temperature control	400-450	24	9	19(8.6)	EXT*	Included	-10/+70	PENDING
	FHP-750XEHC	7-A595-5-000	Heat/Cool without temperature control	400-450	24	9	19(8.6)	EXT**	Included	-10/+70	PENDING

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

** Unit can be used with external H-Bridge "Relay-P" see page 115

FHP-750

MOUNTING STYLE

Flush Mounted

ENVIRONMENTS

NEMA-12 IP 40 (maintains IP 52)

NEMA-4 IP 56

RATING (TRADITIONAL)

430 BTU/hr @ 0 °F ΔT

560 BTU/hr @ +20 °F ΔT *

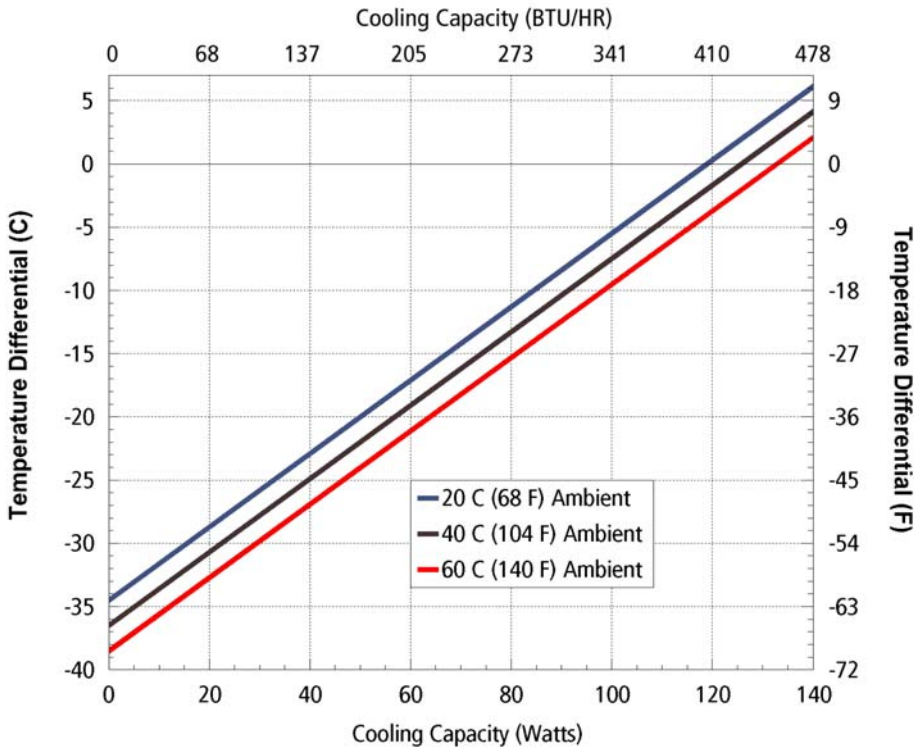
RATING (DIN 3168)

125 Watts L35 L35

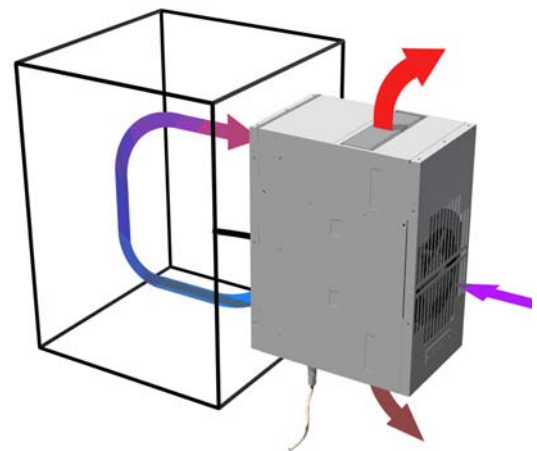
78 Watts L35 L50

* See page 10

PERFORMANCE CURVE

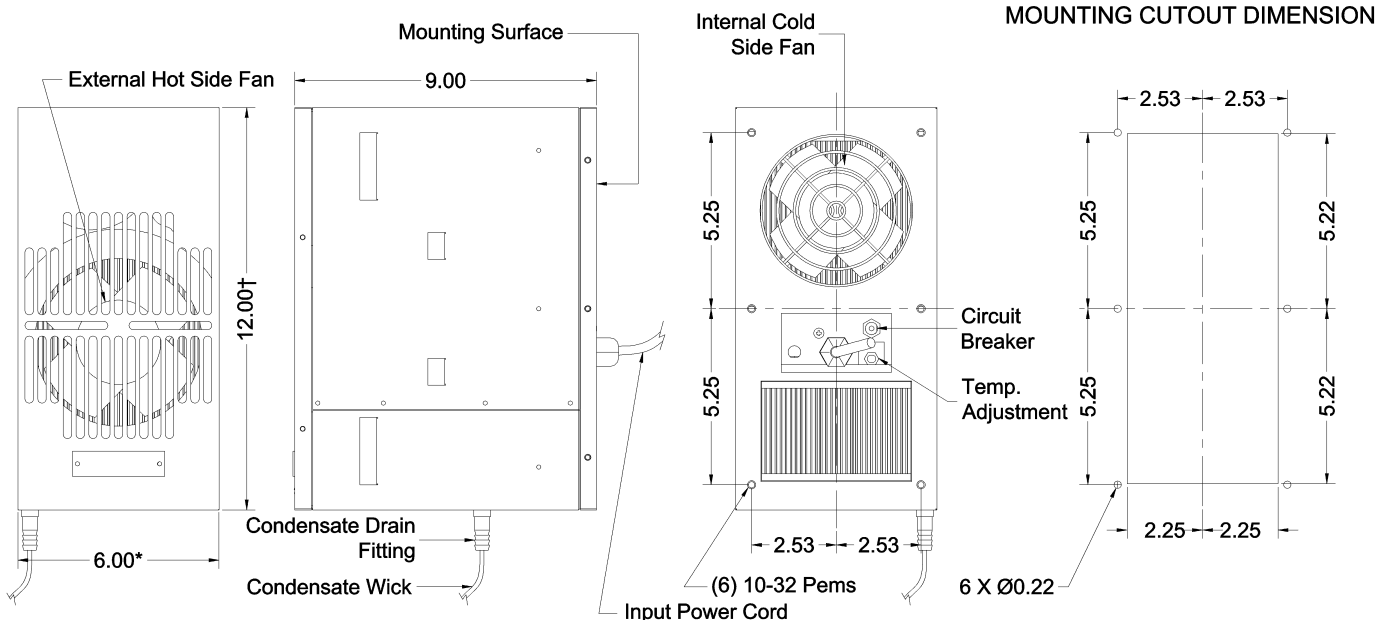


Equation of line: $y = \Delta T(^{\circ}C)$ $x = \text{Capacity (Watts)}$			
Ambient Temp	20°C	40°C	60°C
Enclosure Air	$y = .29x - 34.5$	$y = .29x - 36.5$	$y = .29x - 38.5$
Cold Sink	$y = .18x - 34.5$	$y = .18x - 36.5$	$y = .18x - 38.5$



Air Flow Pattern

DIMENSIONS



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