

FHP-750 Air Conditioner

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

120 VAC, 240 VAC Input
430 BTU/HR

FEATURES

- Externally mounted, no intrusion
- Compact (only 12" L X 6" W X 9" D)
- 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
- Mounts in any orientation (condensate control may not work properly in all orientations)
- Custom finishes
- Operating ambient temperature range -40/+70 °C
- Operating enclosure temperature range -10/+60 °C
- Agency approvals: UL1995, CSA22.2, CE
- Weight: (FHP-750 16 LBS.) (FHP-752 23 LBS.)



CONTROL TEMPERATURES

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

POWER INPUTS

Voltage	120/240 VAC
Current, Active (Nema-12)	4.0/2.5 AMPS
Current, Active XE (Nema-4)	5.0/2.5 AMPS

PERFORMANCE RATINGS

Cooling (Traditional)	430 BTU/HR
Cooling (Din 3168)	125 WATTS
Cooling COP (at L35 L35)	0.26

INCLUDES

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



CONFIGURATIONS

MODEL	PART NUMBER	VOLTAGE VAC	CURRENT AMPS	TEMPERATURE CONTROL	ENVIRONMENT
FHP-750	7-A580-0-000	120	4.0	TC-6F	NEMA-12, IP 52
FHP-750	7-A5F0-0-000	120	4.0	TC-1F	NEMA-12, IP 52
FHP-750	7-A550-0-000	120	4.0	EXT*	NEMA-12, IP 52
FHP-752	7-A582-0-000	240	2.5	TC-6F	NEMA-12, IP 52
FHP-752	7-A5F2-0-000	240	2.5	TC-1F	NEMA-12, IP 52
FHP-752	7-A552-0-000	240	2.5	EXT*	NEMA-12, IP 52

MODEL	PART NUMBER	VOLTAGE VAC	CURRENT AMPS	TEMPERATURE CONTROL	ENVIRONMENT
FHP-750XE	7-A580-4-000	120	5.0	TC-6F	NEMA-4/4X, IP 56
FHP-750XE	7-A5F0-4-000	120	5.0	TC-1F	NEMA-4/4X, IP 56
FHP-750XE	7-A550-4-000	120	5.0	EXT*	NEMA-4/4X, IP 56
FHP-752XE	7-A582-4-000	240	2.5	TC-6F	NEMA-4/4X, IP 56
FHP-752XE	7-A5F2-4-000	240	2.5	TC-1F	NEMA-4/4X, IP 56
FHP-752XE	7-A552-4-000	240	2.5	EXT*	NEMA-4/4X, IP 56

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

FHP-750

MOUNTING STYLE

Flush Mounted

ENVIRONMENTS SERVED

Nema-12 IP 52

Nema-4/4X IP 56

RATING (TRADITIONAL)

430 BTU/hr @ 0 °F ΔT

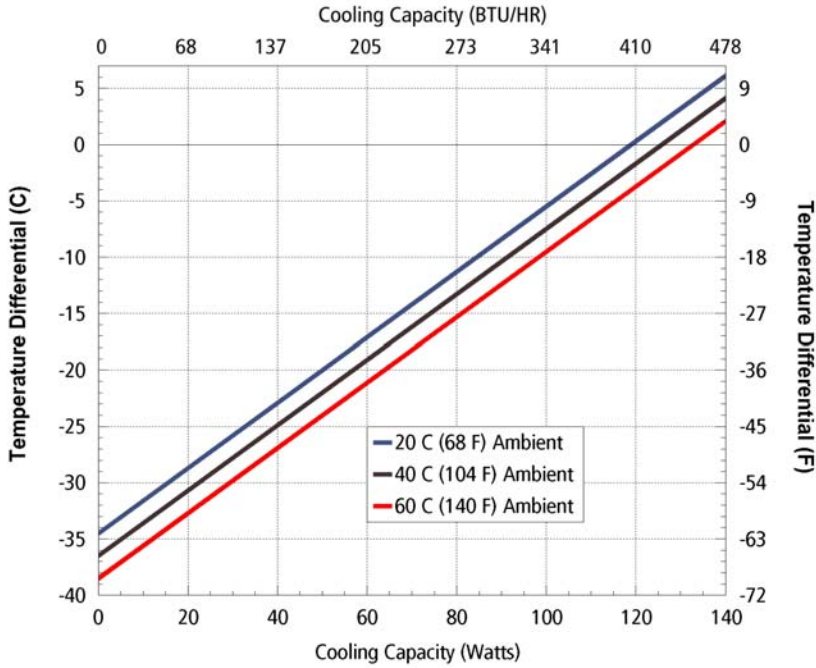
560 BTU/hr @ +20 °F ΔT

RATING (DIN 3168)

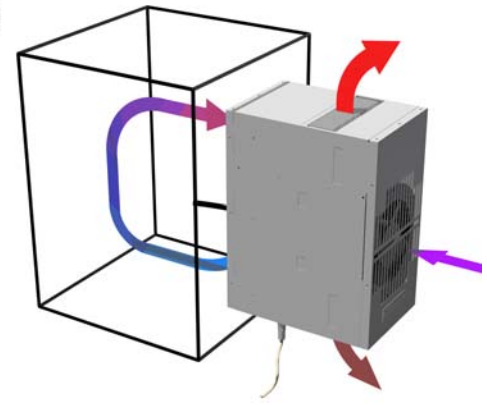
125 Watts L35 L35

78 Watts L35 L50

PERFORMANCE CURVE

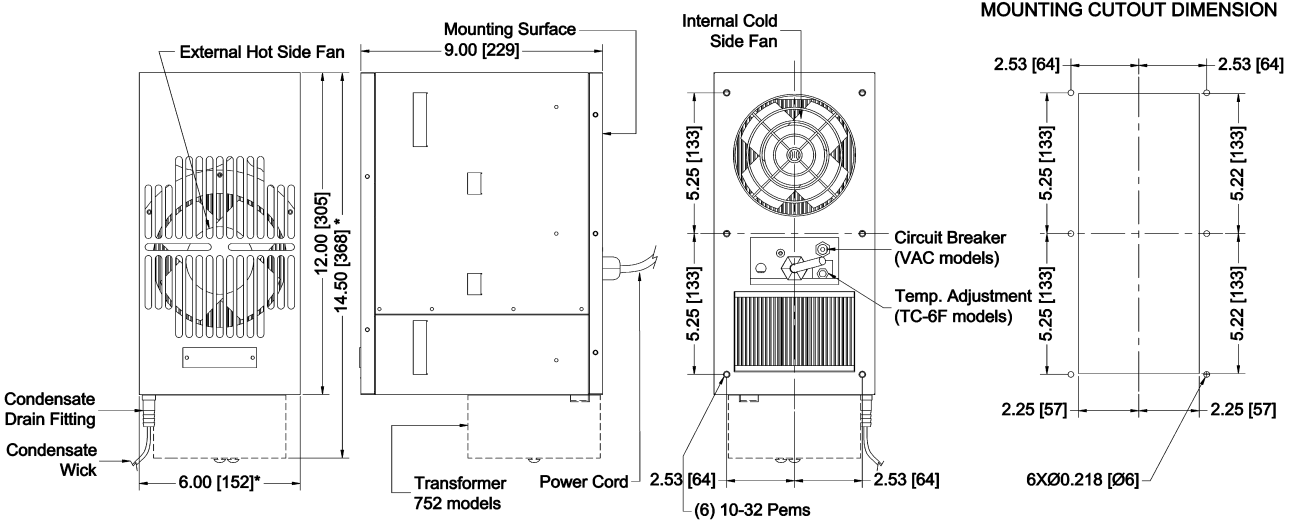


Equation of line: $y = \Delta T(^{\circ}C) \quad x = \text{Capacity (Watts)}$			
Ambient Temp	20°C	40°C	60°C
Enclosure Air	$y = .29x - 34.5$	$y = .29x - 36.5$	$y = .29x - 38.5$
Cold Sink	$y = .18x - 34.5$	$y = .18x - 36.5$	$y = .18x - 38.5$



Air Flow Pattern

DIMENSIONS



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