

# FHP-450XE

Air Cooled  
Flush Mounted  
Nema-4, 4X

# Solid-State Air Conditioner

## FEATURES

- Externally mounted , no intrusion
- Maintains Nema-4X rating
- Compact (only 10" L X 8" W X 6.93" D)
- Weighs less than 20 lbs.
- Ambient range -10°C to +70°C
- No compressor, fluorocarbons or filters
- Virtually maintenance-free operation
- Stainless steel exterior housing
- Mounts in any orientation
- 120 VAC and 240 VAC input versions

## INCLUDES

- Integral power supply
- Single set point control
- Gasket for Nema-4X seal
- Mounting hardware
- Optional condensate removal
- Power input cable

## APPLICATIONS

Intended for use in the communications industry for cooling small outdoor enclosures, also used in food and chemical industries for washdown areas.

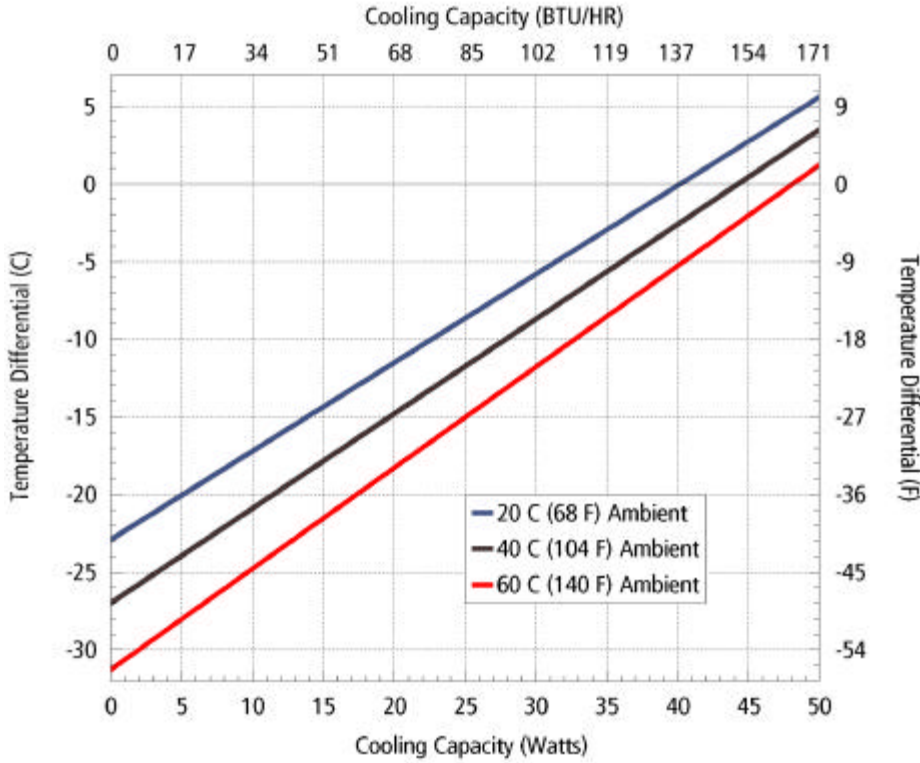


## SPECIFICATIONS

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
FHP-450XE	7-7070-4-000	Cool only temperature control	135-165	120	2.3	19.8(9)	T'stat 85 F	Optional	-10/+70
FHP-452XE	7-7072-4-000	Cool only temperature control	135-165	240	1.1	19.8(9)	T'stat 85 F	Optional	-10/+70

# FHP-450XE

## PERFORMANCE CURVE



Equation of line: $y = \Delta T(^{\circ}C)$ $x = \text{Capacity (Watts)}$			
Ambient Temp	20°C	40°C	60°C
Enclosure Air	$y = .57x - 22.9$	$y = .61x - 27.0$	$y = .65x - 31.3$
Cold Sink	$y = .48x - 22.9$	$y = .51x - 27.0$	$y = .55x - 31.3$

### MOUNTING STYLE

Flush Mounted

### ENVIRONMENTS

Nema-4/4X IP 56

### RATING (TRADITIONAL)

150 BTU/hr @ 0 °F ΔT

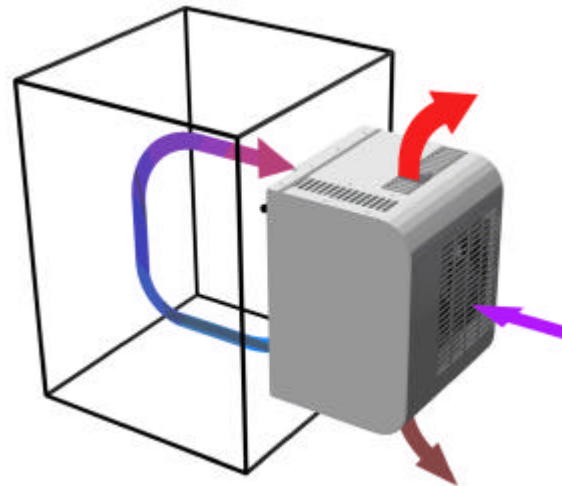
213 BTU/hr @ +20 °F ΔT \*

### RATING (DIN 3168)

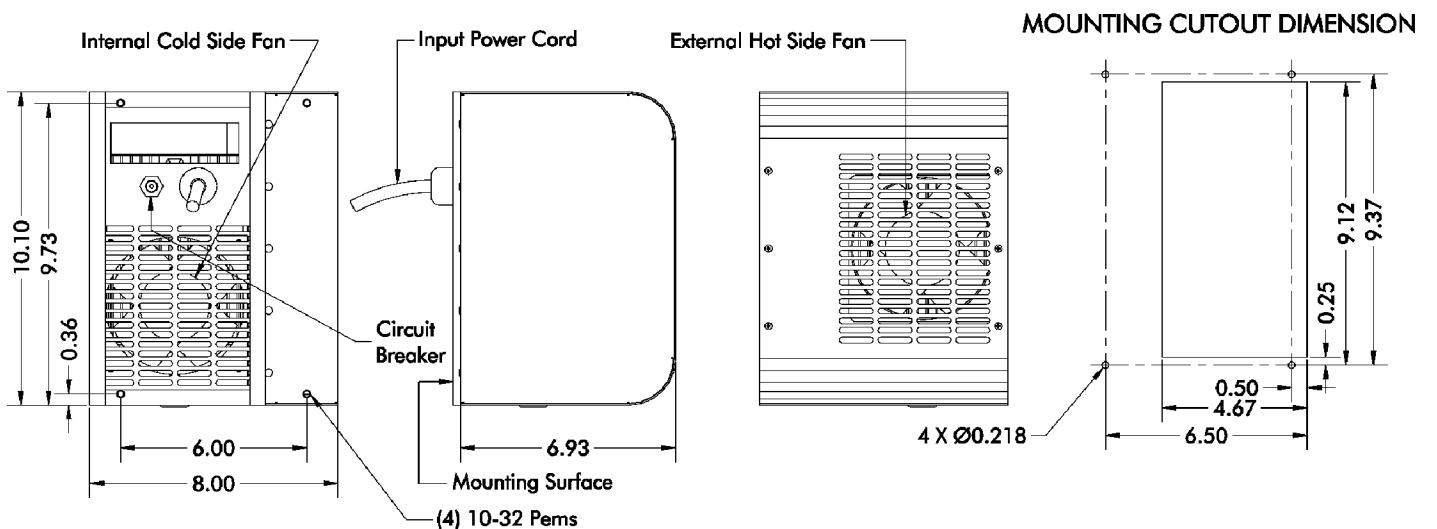
44 Watts L35 L35

23 Watts L35 L50

\* See page 6



## DIMENSIONS



Dimension: Inches  
Hardware and gasket included but not shown.