



## AHP-6252

## Air Conditioner/Heat Exchanger

Air Cooled  
Through Mounted  
Nema-12, 4, 4X

240 VAC Input  
High Efficiency  
5200 BTU/HR



### FEATURES

- High capacity thermoelectric design
- Power saving air to air heat exchanger (ECO-mode)
- Heavy duty full perimeter mounting
- Lower profile intrusion into enclosure
- Central input cord for easy mounting
- Closed loop design
- Condensate control and evaporation system
- Increased efficiency at higher ambients by as much as 10%
- Virtually maintenance free
- No compressor
- Environmentally friendly and safe
- Stainless Steel exterior housing
- Mounts and operates in any orientation
- Integral temperature controller
- Weight 170 LBS.

### CONTROL TEMPERATURES

Active Cooling	35 °C
Heat Exchanger (ECO-Mode)	25 °C
Active Heating	10 °C
Typical Hysteresis	5 °C
Operating Ambient	-40/+65 °C
Operating Enclosure	-10/+60 °C

### POWER INPUTS

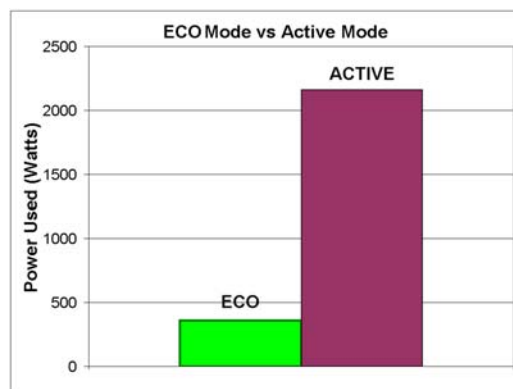
Voltage	240 VAC
Current, Active	9.2 AMPS
Current , ECO-Mode	1.5 AMP
Frequency	50/60 Hz

### PERFORMANCE RATINGS

Cooling (Traditional)	5196 BTU/HR
Cooling (Din 3168)	1524 WATTS
Cooling COP (at L35 L35)	0.7
Heating (Traditional)	> 7365 BTU/HR
Heating (Din 3168)	> 2160 WATTS
Heating COP	> 1.0
Heat Exchanger (ECO-mode)	45 W/°C

### INCLUDES

- Power supply
- Temperature controller
- Power saving heat exchanger mode (ECO-Mode)
- Mounting gasket
- Mounting hardware
- Power input cord
- Circuit breaker



250 VDC configuration for crane applications available

### CONFIGURATIONS

MODEL	PART NUMBER	NOTES	TEMPERATURE CONTROL	ENVIRONMENT
AHP-6252	0-K4J2-0-000	Cool only, industrial fans & power supply	TC-4F	NEMA-12, IP 52
AHP-6252HC	0-K4I2-1-000	Heat/Cool, industrial fans & power supply	TC-7F	NEMA-12, IP 52
AHP-6252XE	0-K4J2-4-000	Cool only, sealed hot side fans & power supply	TC-4F	NEMA-4, IP 56
AHP-6252XEHC	0-K4I2-5-000	Heat/Cool, sealed hot side fans & power supply	TC-7F	NEMA-4, IP 56
AHP-6252X	0-K4J2-2-000	Cool only, Mil. grade hot side fans & power supply	TC-4F	NEMA-4X, IP 56
AHP-6252XHC	0-K4I2-3-000	Heat/Cool, Mil. grade hot side fans & power supply	TC-7F	NEMA-4X, IP 56

**AHP-6252****MOUNTING STYLE**

Through Mounted

**ENVIRONMENTS SERVED**

NEMA-12 IP 52

NEMA-4,4X IP 56

**RATING (TRADITIONAL)**

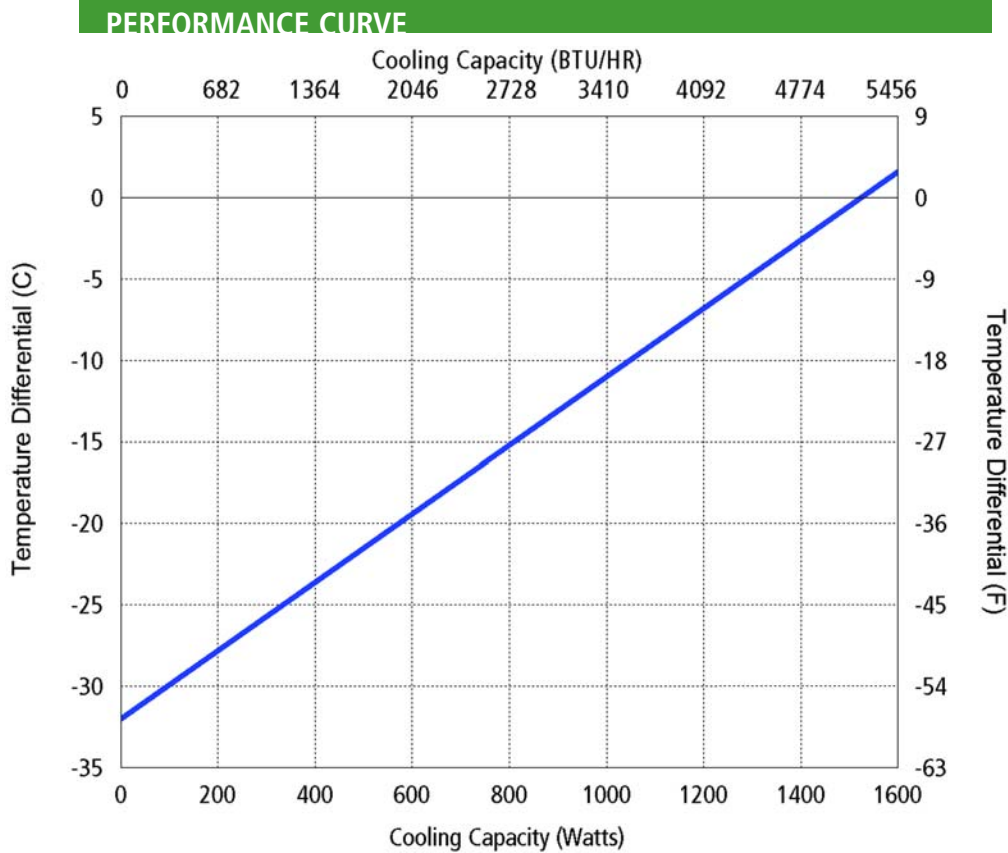
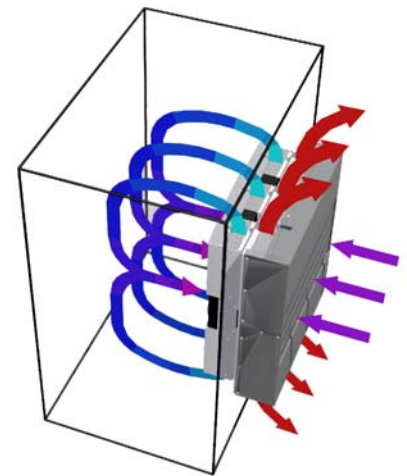
5200 BTU/hr @ 0 °F ΔT

7000 BTU/hr @ +20 °F ΔT

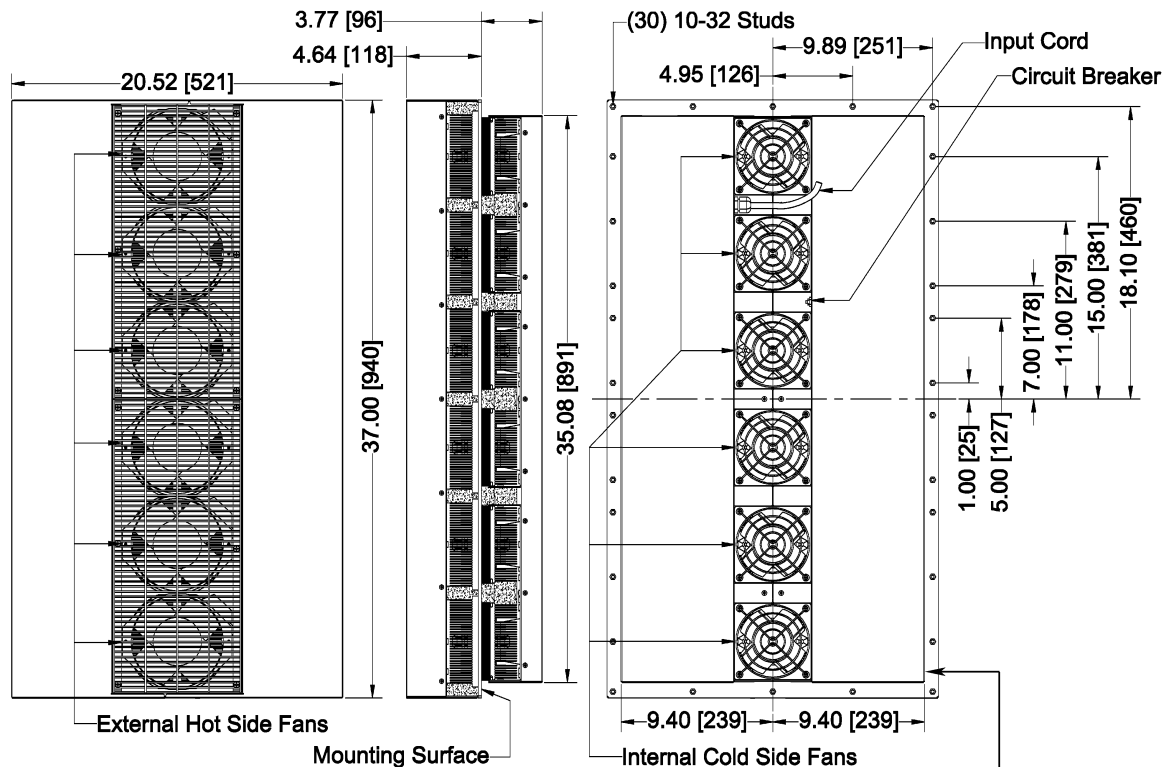
**RATING (DIN 3168)**

1524 Watts L35 L35

800 Watts L35 L50

Equation of line:  $y = \Delta T(^{\circ}\text{C})$   $x = \text{Capacity (Watts)}$ Enclosure Air  $y = .021x - 32$ Cold Sink  $y = .015x - 32$ 

Air Flow Pattern

**DIMENSIONS**

Dimensions do not include hardware  
 Mounting hardware and gasket included but not shown  
 Dimension: Inches [Millimeters]

Mounting Cutout  
 19.00X35.30 [483X897]