

**1/2  
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# AHP-6263

# Air Conditioner/Heat Exchanger

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

3 Phase, 240 VAC, 3 Wire Delta  
High Capacity  
5660 - 6000 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 (optional remote control \*)
- Weight 180 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

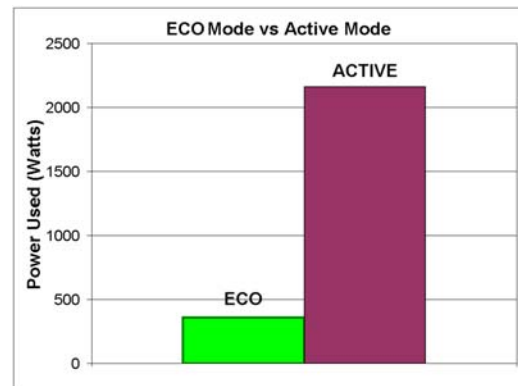
Voltage, 3 Phase Delta	240 VAC
Current, Active	11 AMPS
Current , ECO-Mode	1.5 AMP
Frequency	50/60 Hz

## PERFORMANCE RATINGS

Cooling (Traditional)	5660 BTU/HR
Cooling (Din 3168)	1660 WATTS
Cooling COP (at L35 L35)	0.36
Heating (Traditional)	> 15000 BTU/HR
Heating (Din 3168)	> 4570 WATTS
Heating COP	> 1.0
Heat Exchanger (ECO-mode)	40 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-6263	0-K5JD-0-000	Cool only, industrial fans & power supply	TC-4F	NEMA-12, IP 52
AHP-6263HC	0-K5ID-1-000	Heat/Cool, industrial fans & power supply	TC-7F	NEMA-12, IP 52
AHP-6263XE	0-K5JD-4-000	Cool only, sealed hot side fans & power supply	TC-4F	NEMA-4, IP 56
AHP-6263XEHC	0-K5ID-5-000	Heat/Cool, sealed hot side fans & power supply	TC-7F	NEMA-4, IP 56
AHP-6263X	0-K5JD-2-000	Cool only, Mil. grade hot side fans & power supply	TC-4F	NEMA-4X, IP 56
AHP-6263XHC	0-K5ID-3-000	Heat/Cool, Mil. grade hot side fans & power supply	TC-7F	NEMA-4X, IP 56

\* Consult factory

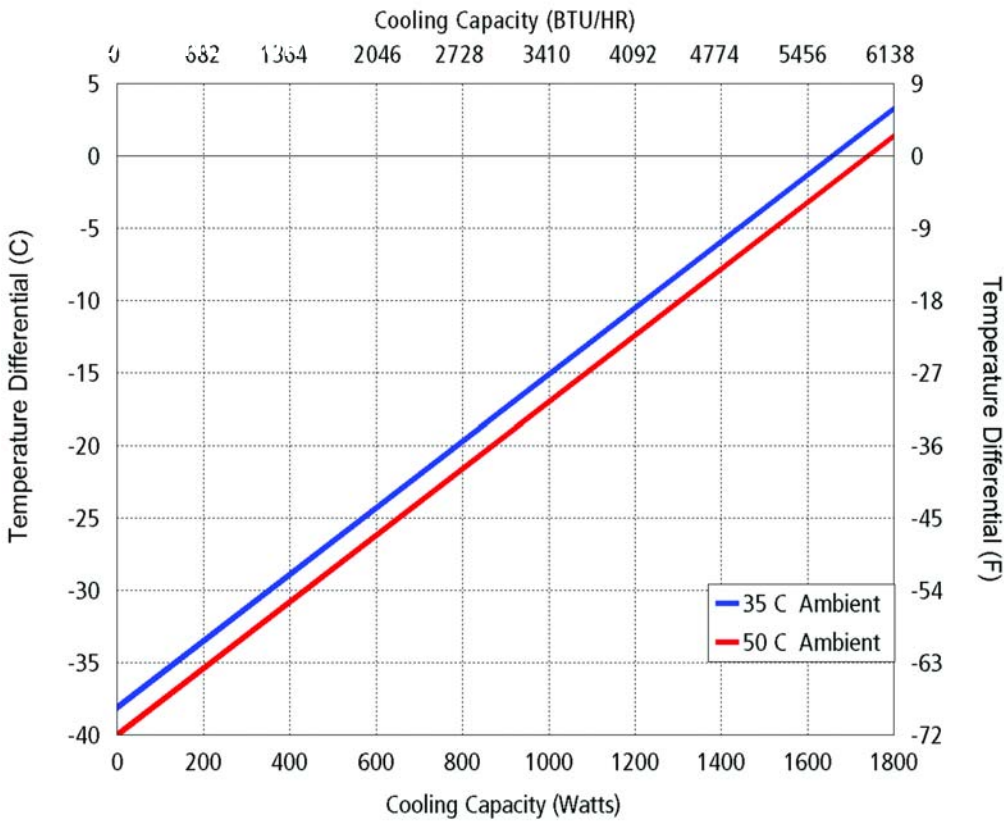
**TECA**

1-888-TECA-USA (832-2872)

[www.teca-usa.com](http://www.teca-usa.com)

# AHP-6263

## PERFORMANCE CURVE



Equation of line: $y = \Delta T(^{\circ}C) \quad x = \text{Capacity (Watts)}$		
Ambient Temp	35°C	50°C
Enclosure Air	$y = .023x - 38.1$	$y = .023x - 40$
Cold Sink	$y = .015x - 38.1$	$y = .015x - 40$

### MOUNTING STYLE

Through Mounted

### ENVIRONMENTS SERVED

NEMA-12 IP 52

NEMA-4,4X IP 56

### RATING (TRADITIONAL)

5660 BTU/hr @ 0 °F ΔT

7295 BTU/hr @ +20 °F ΔT

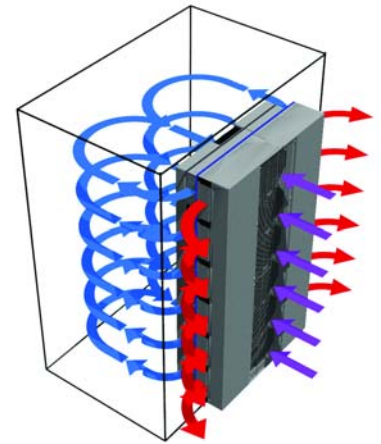
### RATING (DIN 3168)

1/2 TON L50 L50

1660 Watts L35 L35

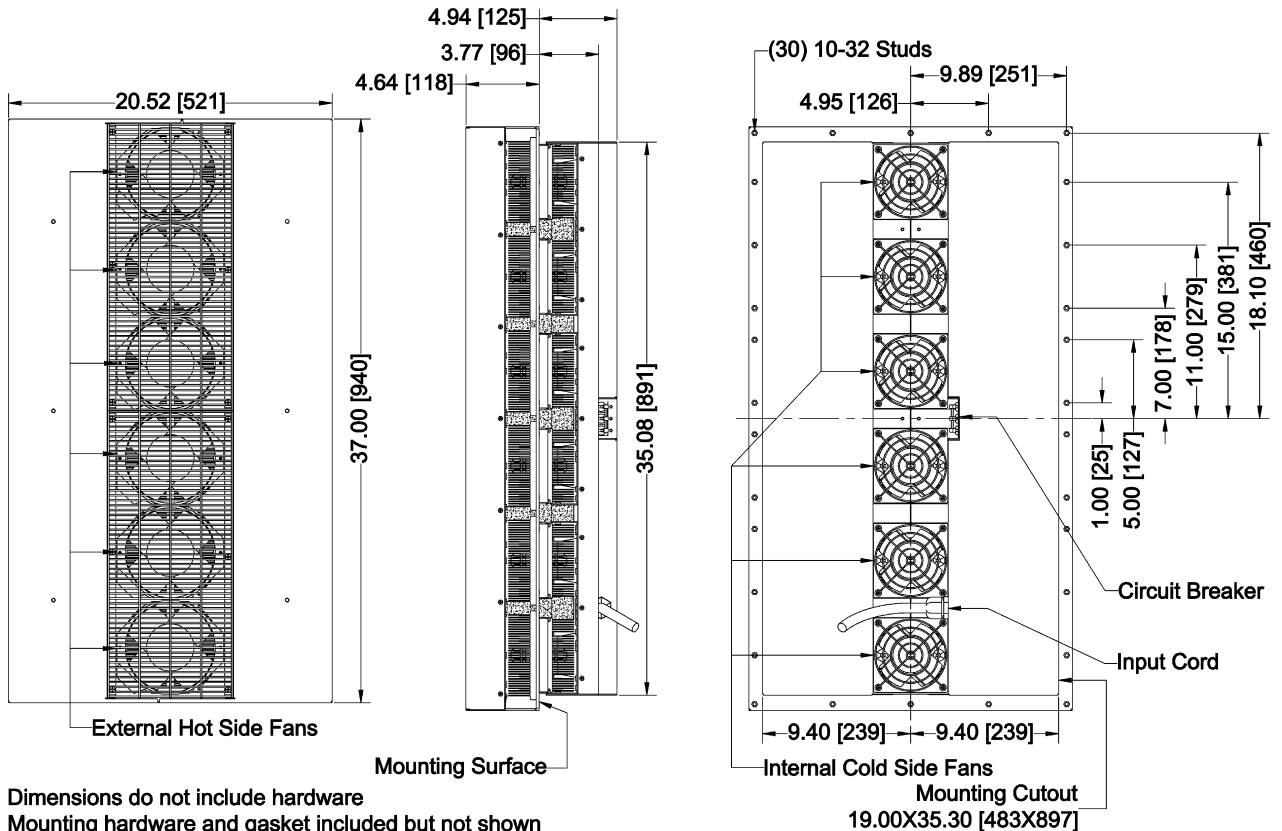
1080 Watts L35 L50

Temperature Differential (F)



Air Flow Pattern

## DIMENSIONS



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