



# AHP-3254

# Air Conditioner/Heat Exchanger

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

3 Phase, 208 VAC, 4 Wire Wye  
High Efficiency  
2686 BTU/HR

## FEATURES

- High capacity thermoelectric design
- Power saving air to air heat exchanger mode (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 88 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 Wye	208 VAC
Current, Active (per phase)	2.6 AMPS
Current , ECO-Mode	0.70 AMP
Frequency	50/60 Hz

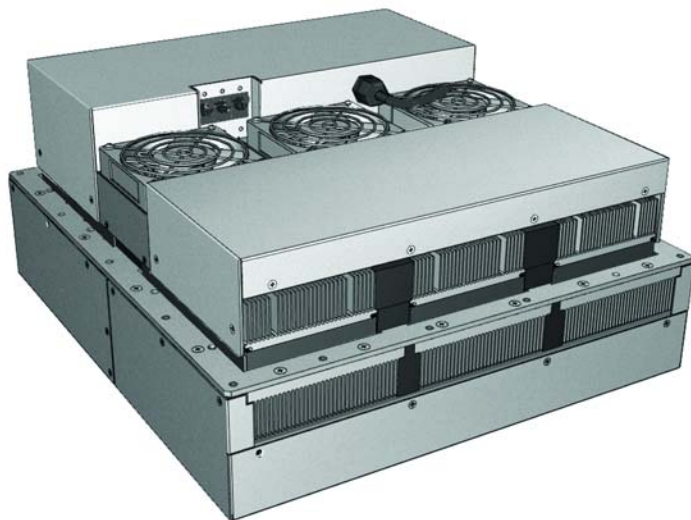
## PERFORMANCE RATINGS

Cooling (Traditional)	2686 BTU/HR
Cooling (Din 3168)	787 WATTS
Cooling COP (at L35 L35)	0.84
Heating (Traditional)	> 3294 BTU/HR
Heating (Din 3168)	> 937 WATTS
Heating COP	> 1.0
Heat Exchanger (ECO-Mode)	18 W/°C

## CONFIGURATIONS

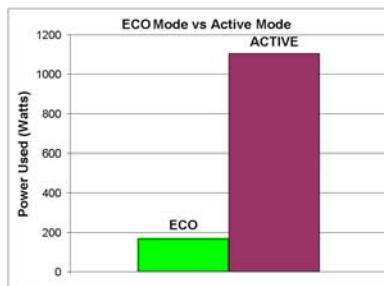
MODEL	PART NUMBER	NOTES	TEMPERATURE CONTROL	ENVIRONMENT
AHP-3254	0-14JE-0-000	Cool only, industrial fans & power supply	TC-4F	NEMA-12, IP 52
AHP-3254	0-14SE-0-000	Cool only, industrial fans & power supply	EXT*	NEMA-12, IP 52
AHP-3254HC	0-14IE-1-000	Heat/Cool, industrial fans & power supply	TC-7F	NEMA-12, IP 52
AHP-3254HC	0-14SE-1-000	Heat/Cool, industrial fans & power supply	EXT*	NEMA-12, IP 52
AHP-3254XE	0-14JE-4-000	Cool only, sealed hot side fans & power supply	TC-4F	NEMA-4/4X, IP 56
AHP-3254XE	0-14SE-4-000	Cool only, sealed hot side fans & power supply	EXT*	NEMA-4/4X, IP 56
AHP-3254XEHC	0-14IE-5-000	Heat/Cool, sealed hot side fans & power supply	TC-7F	NEMA-4/4X, IP 56
AHP-3254XEHC	0-14SE-5-000	Heat/Cool, sealed hot side fans & power supply	EXT*	NEMA-4/4X, IP 56
AHP-3254X	0-14JE-2-000	Cool only, Mil. grade hot side fans & power supply	TC-4F	NEMA-4X/Harsh, IP 56
AHP-3254X	0-14SE-2-000	Cool only, Mil. grade hot side fans & power supply	EXT*	NEMA-4X/Harsh, IP 56
AHP-3254XHC	0-14IE-3-000	Heat/Cool, Mil. grade hot side fans & power supply	TC-7F	NEMA-4X/Harsh, IP 56
AHP-3254XHC	0-14SE-3-000	Heat/Cool, Mil. grade hot side fans & power supply	EXT*	NEMA-4X/Harsh, IP 56

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



## INCLUDES

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



**AHP-3254****MOUNTING STYLE**

Through Mounted

**ENVIRONMENTS SERVED**

NEMA-12 IP 52

NEMA-4,4X IP 56

**RATING (TRADITIONAL)**

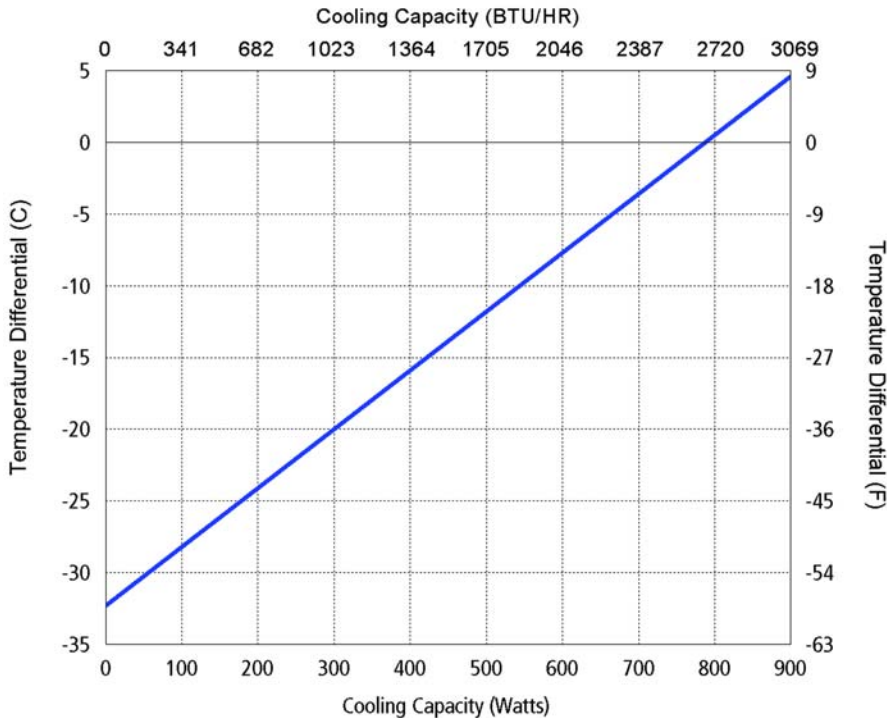
2686 BTU/hr @ 0 °F ΔT

3610 BTU/hr @ +20 °F ΔT

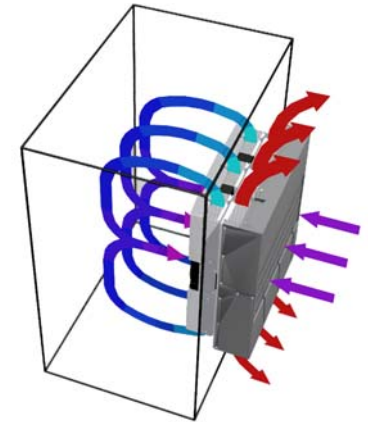
**RATING (DIN 3168)**

788 Watts L35 L35

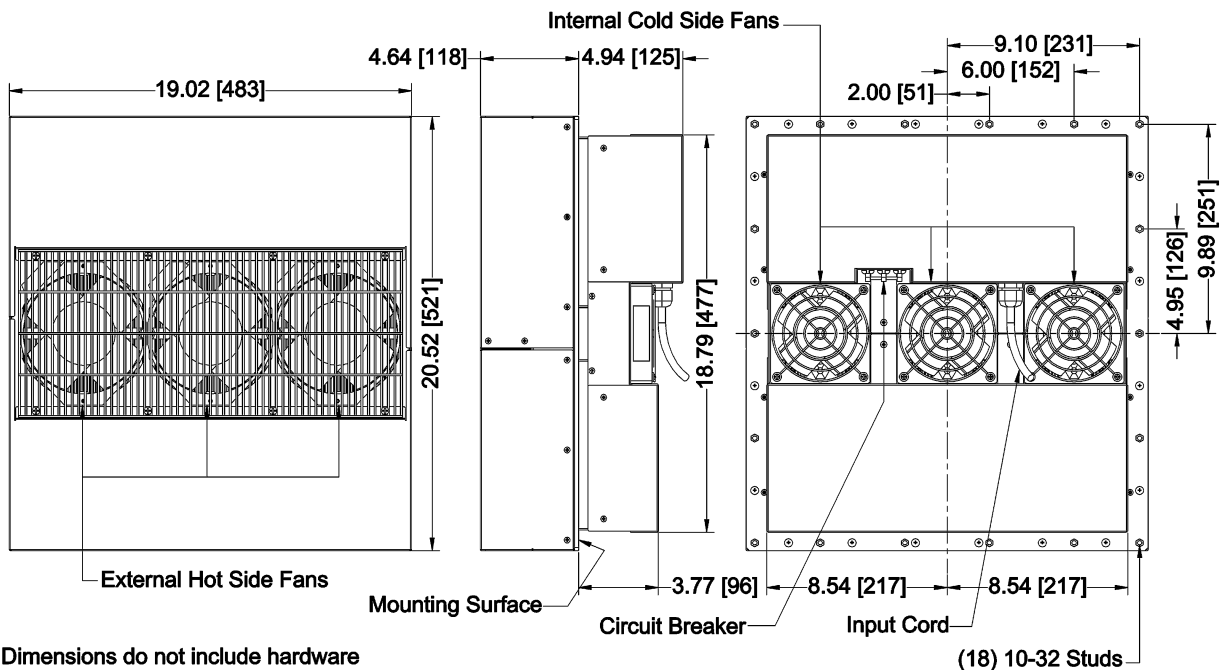
420 Watts L35 L50

Equation of line:  $y = \Delta T(^{\circ}\text{C})$   $x = \text{Capacity (Watts)}$ Enclosure Air  $y = .041x - 32.3$ Cold Sink  $y = .030x - 32.3$ 

Temperature Differential (F)



Air Flow Pattern

**DIMENSIONS**

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

Mounting Cutout  
 17.20X18.90 [437X480]