



# AHP-3253

# Air Conditioner/Heat Exchanger

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

3 Phase, 240 VAC, 3 Wire Delta  
High Efficiency  
2973 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

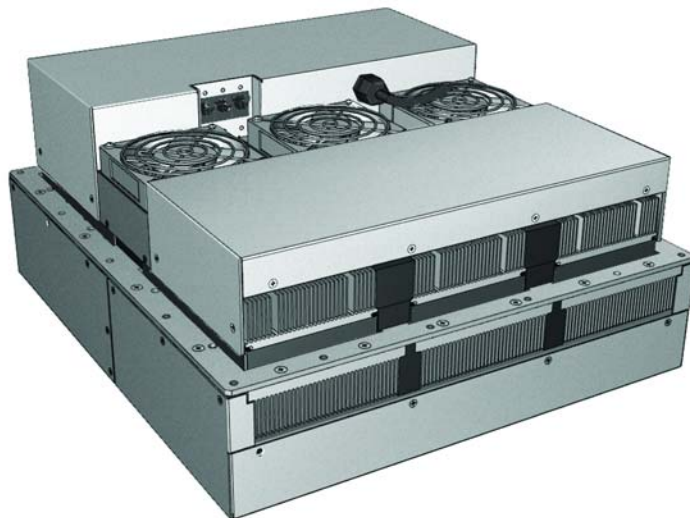
Active Cooling	35 °C
Heat Exchanger (ECO-Mode)	25 °C
Active Heating	10 °C
Typical Hysteresis	5 °C
Operating Ambient	-40/+65 °C
Operating Enclosure	-10/+60 °C

## POWER INPUTS

Voltage, 3 Phase Delta	240 VAC
Current, Active (per phase)	2.9 AMPS
Current , ECO-Mode	0.70 AMP
Frequency	50/60 Hz

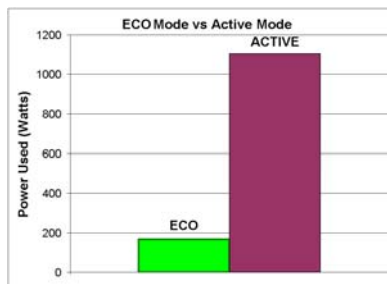
## PERFORMANCE RATINGS

Cooling (Traditional)	2973 BTU/HR
Cooling (Din 3168)	872 WATTS
Cooling COP (at L35 L35)	0.72
Heating (Traditional)	> 4100 BTU/HR
Heating (Din 3168)	> 1205 WATTS
Heating COP	> 1.0
Heat Exchanger (ECO-Mode)	18 W/°C



## INCLUDES

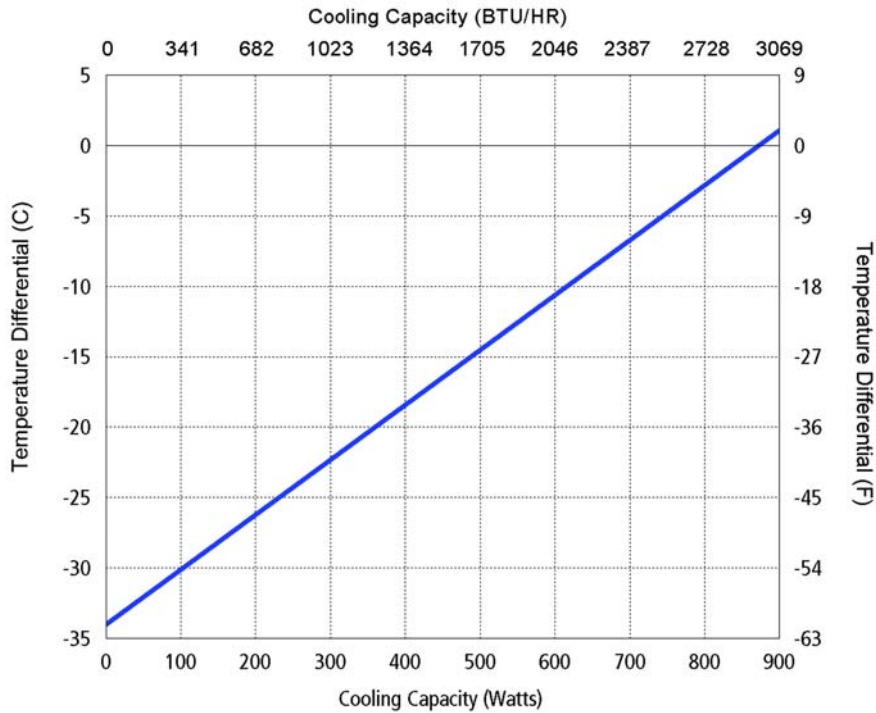
- Power supply
- Temperature controller
- Power saving heat exchanger mode (ECO-Mode)
- Mounting gasket
- Mounting hardware
- Power input cord
- Circuit breaker



## CONFIGURATIONS

MODEL	PART NUMBER	NOTES	TEMPERATURE CONTROL	ENVIRONMENT
AHP-3253	0-I4JD-0-000	Cool only, industrial fans & power supply	TC-4F	NEMA-12, IP 52
AHP-3253	0-I45D-0-000	Cool only, industrial fans & power supply	EXT*	NEMA-12, IP 52
AHP-3253HC	0-I4ID-1-000	Heat/Cool, industrial fans & power supply	TC-7F	NEMA-12, IP 52
AHP-3253HC	0-I45D-1-000	Heat/Cool, industrial fans & power supply	EXT*	NEMA-12, IP 52
AHP-3253XE	0-I4JD-4-000	Cool only, sealed hot side fans & power supply	TC-4F	NEMA-4/4X, IP 56
AHP-3253XE	0-I45D-4-000	Cool only, sealed hot side fans & power supply	EXT*	NEMA-4/4X, IP 56
AHP-3253XEHC	0-I4ID-5-000	Heat/Cool, sealed hot side fans & power supply	TC-7F	NEMA-4/4X, IP 56
AHP-3253XEHC	0-I45D-5-000	Heat/Cool, sealed hot side fans & power supply	EXT*	NEMA-4/4X, IP 56
AHP-3253X	0-I4JD-2-000	Cool only, Mil. grade hot side fans & power supply	TC-4F	NEMA-4X/Harsh, IP 56
AHP-3253X	0-I45D-2-000	Cool only, Mil. grade hot side fans & power supply	EXT*	NEMA-4X/Harsh, IP 56
AHP-3253XHC	0-I4ID-3-000	Heat/Cool, Mil. grade hot side fans & power supply	TC-7F	NEMA-4X/Harsh, IP 56
AHP-3253XHC	0-I45D-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

**AHP-3253****PERFORMANCE CURVE**Equation of line:  $y = \Delta T(^{\circ}\text{C})$   $x = \text{Capacity (Watts)}$ Enclosure Air  $y = .039x - 34$ Cold Sink  $y = .029x - 34$ **MOUNTING STYLE**

Through Mounted

**ENVIRONMENTS SERVED**

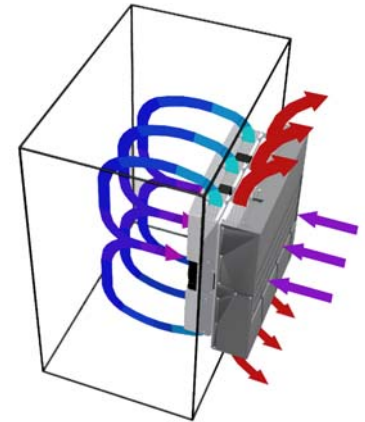
NEMA-12 IP 52

NEMA-4, 4X IP 56

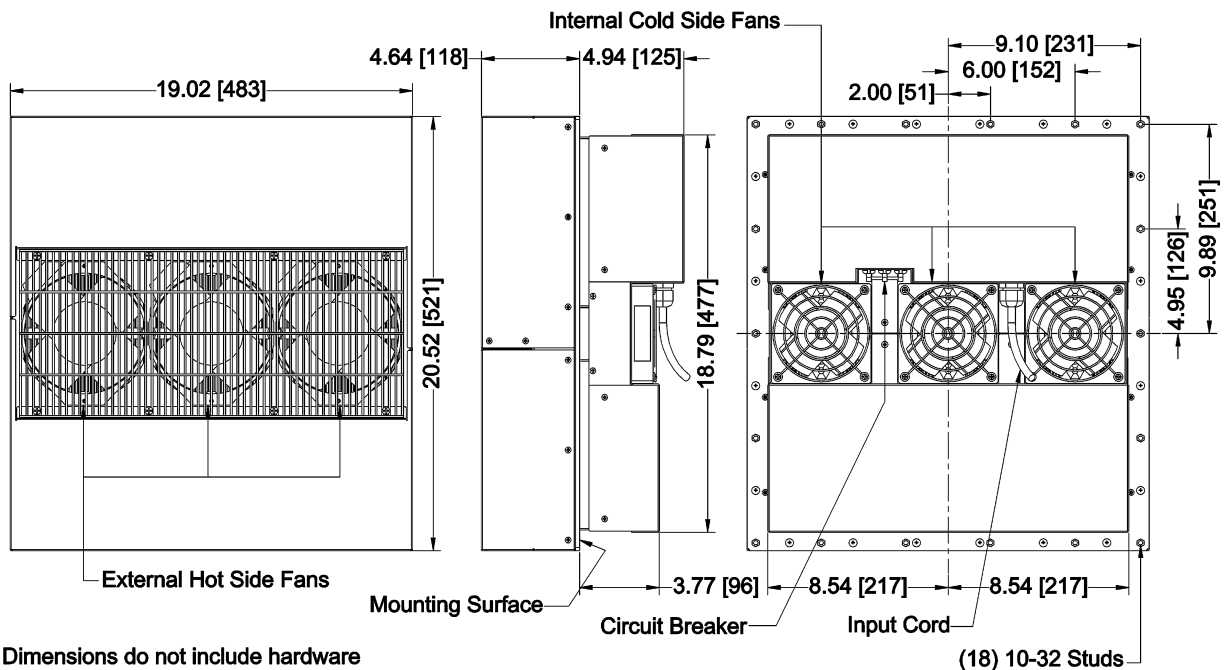
**RATING (TRADITIONAL)**2973 BTU/hr @ 0 °F  $\Delta T$ 3945 BTU/hr @ +20 °F  $\Delta T$ **RATING (DIN 3168)**

872 Watts L35 L35

480 Watts L35 L50



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]