



AHP-1300

Air Conditioner/Heat Exchanger

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

24 VDC
High Efficiency
760 BTU/HR



FEATURES

- Compact (only 15.2" x 6.2" x 8")
- Mounts and operates in any orientation (horizontal, vertical, etc.)
- Low vibration and noise
- No moving parts except fans
- Environmentally safe
- No compressor, fluorocarbons or filters
- Virtually maintenance-free
- Stainless steel exterior housing
- Efficient heat exchanger mode (ECO-Mode)
- Easy to use Pivot Clean feature
- Weight 20 LBS.

CONTROL TEMPERATURES

Active Cooling	35°C
Heat Exchanger (ECO-Mode)	25°C
Active Heating	10°C
Typical Hysteresis	5°C
Operating Ambient	-40/+70°C
Operating Enclosure	-10/+60°C

POWER INPUTS

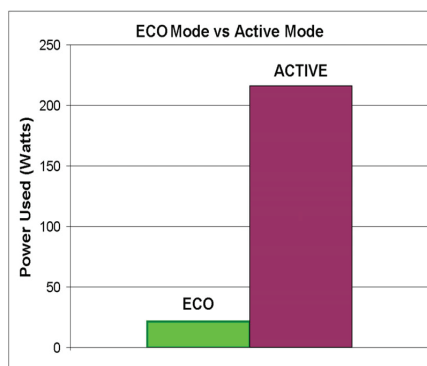
Voltage	24 VDC
Current, Active	11 AMPS
Current, ECO-Mode	2.3 AMPS

PERFORMANCE RATINGS

Cooling (Traditional)	760 BTU/HR
Cooling (Din 3168)	222 WATTS
Cooling COP (at L35)	0.84
Heating (Traditional)	>900 BTU/HR
Heating (Din 3168)	>264 WATTS
Heating COP	>1.0

INCLUDES

- Temperature controller
- Mounting gasket
- Mounting hardware
- Power input leads
- Power saving heat exchanger mode (ECO-Mode)



CONFIGURATIONS

MODEL	PART NUMBER	NOTES	External fan type	TEMP. CONTROL	ENVIRONMENT
AHP-1300	0-Q4J5-0-000	Cool only	Industrial grade	TC-4F	NEMA-12, IP 52
AHP-1300HC	0-Q495-1-000	Heat/Cool	Industrial grade	EXT*	NEMA-12, IP 52
AHP-1300HC	0-Q4I5-1-000	Heat/Cool	Industrial grade	TC-7F	NEMA-12, IP 52
AHP-1300XE	0-Q4J5-4-000	Cool only	Industrial grade, sealed	TC-4F	NEMA-4/4X, IP 56
AHP-1300XEHC	0-Q495-5-000	Heat/Cool	Industrial grade, sealed	EXT*	NEMA-4/4X, IP 56
AHP-1300XEHC	0-Q4I5-5-000	Heat/Cool	Industrial grade, sealed	TC-7F	NEMA-4/4X, IP 56
AHP-1300X	0-Q4J5-2-000	Cool only	Military grade, sealed	TC-4F	NEMA-4X/Harsh Env. IP 56
AHP-1300XHC	0-Q495-3-000	Heat/Cool	Military grade, sealed	EXT*	NEMA-4X/Harsh Env. IP 56
AHP-1300XHC	0-Q4I5-3-000	Heat/Cool	Military grade, sealed	TC-7F	NEMA-4X/Harsh Env. IP 56
AHP-1300XM♣	0-Q4J5-2-001	Cool only	Military grade, sealed	TC-4F	NEMA-4X/Harsh Env. IP 56
AHP-1300XMHC♣	0-Q495-3-001	Heat/Cool	Military grade, sealed	EXT*	NEMA-4X/Harsh Env. IP 56
AHP-1300XMHC♣	0-Q4I5-3-001	Heat/Cool	Military grade, sealed	TC-7F	NEMA-4X/Harsh Env. IP 56

♣ Full shock & vibration

* For controller options contact TECA

AHP-1300

Through Mounted

NEMA-12 IP 52

AHP-1300	760 BTU/hr @ 0°F ΔT
	992 BTU/hr @ +20°F ΔT

AHP-1300	222 Watts L35 L35
	125 Watts L35 L50

Ambient Temperature	35°C	50°C
Enclosure Air	$y = .157x - 34.8$	$y = .163x - 37.7$
Cold Sink	$y = .116x - 34.8$	$y = .121x - 37.7$

Technical drawing of the 1000W 1U Power Supply Unit showing front, side, and cutout views with dimensions in inches and millimeters.

Front View Dimensions:

- Overall Width: 6.20 [157]
- Overall Height: 15.25 [387]
- Hot Side Fan (indicated by a callout)

Side View Dimensions:

- Mounting Flange (indicated by a callout)
- Overall Depth: 4.11 [104]
- Internal Component Depth: 3.91 [99]
- Overall Height: 13.00 [330]

Cutout Dimensions:

- Overall Width: 6.20 [157]
- Overall Height: 15.25 [387]
- Hot Side Fan (indicated by a callout)
- Mounting Flange (indicated by a callout)
- Internal Component Depth: 3.91 [99]
- Overall Depth: 4.11 [104]
- Overall Height: 13.00 [330]

Dimensions: Inches [Millimeters]
 Dimensions do not include hardware