

# AHP-1200CP Cold Plate

Air Cooled  
Bench Top

General Purpose 120 VAC, 240 VAC Input  
225 Watts

## FEATURES

- Direct contact cooling as much as 46 °C below room temperature
- Weighs only 19 lbs. (8.6 kg)
- Bench top or enclosure mounting
- No compressor, fluorocarbons or filters
- Virtually maintenance-free operation
- Stainless steel exterior housing
- Mounts in any orientation



## INCLUDES

- Integral power supply (120 VAC input)
- Cold plate mounting taps
- Rubber feet
- Power input cord

## SPECIFICATIONS

| MODEL        | PART NUMBER  | NOTES     | PERFORMANCE<br>RATING<br>BTU/HR | VOLTAGE<br>VAC<br>50/60 HZ | CURRENT<br>AMPS. | WEIGHT<br>LBS. (KG) | TEMP.<br>CONTROL | OPERATING<br>AMBIENT °C |
|--------------|--------------|-----------|---------------------------------|----------------------------|------------------|---------------------|------------------|-------------------------|
| AHP-1200CP   | 1-3090-0-000 | Cool only | 830-950                         | 120                        | 4.0              | 18(8.2)             | None             | -15/+60                 |
| AHP-1200CP   | 1-3050-0-000 | Cool only | 830-950                         | 120                        | 4.0              | 18(8.2)             | EXT*             | -15/+60                 |
| AHP-1200CPHC | 1-3050-1-000 | Heat/Cool | 830-950                         | 120                        | 4.0              | 18(8.2)             | EXT*             | -15/+60                 |
| AHP-1202CP   | 1-3092-0-000 | Cool only | 830-950                         | 240                        | 2.5              | 23(10.5)            | None             | -15/+60                 |
| AHP-1202CP   | 1-3052-0-000 | Cool only | 830-950                         | 240                        | 2.5              | 23(10.5)            | EXT*             | -15/+60                 |
| AHP-1202CPHC | 1-3052-1-000 | Heat/Cool | 830-950                         | 240                        | 2.5              | 23(10.5)            | EXT*             | -15/+60                 |

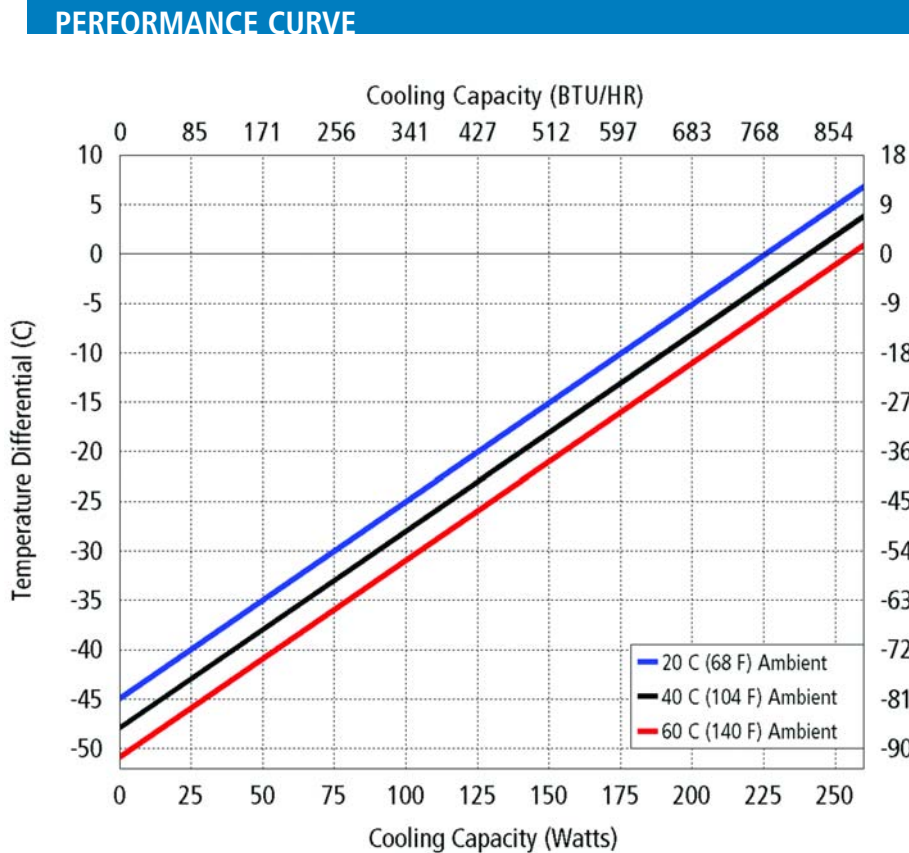
\* Unit is set for 5-32 VDC external control signal

**AHP-1200CP****ENVIRONMENTS**

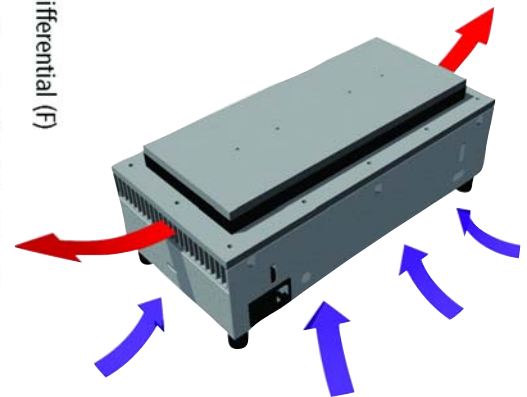
Bench top  
Factory  
Industrial/OEM

**COOLING CAPACITY**

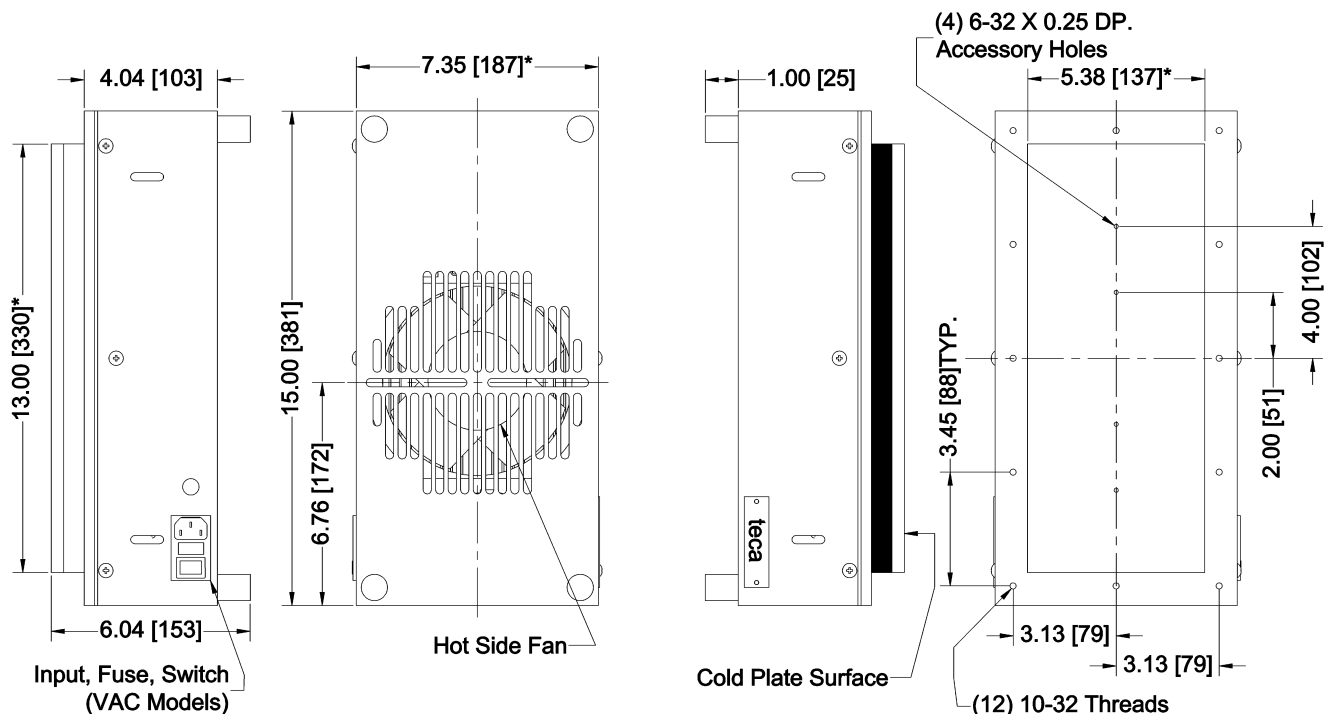
225 Watts @ 0 °C ΔT



| Equation of line: $y = \Delta T(^{\circ}\text{C})$ $x = \text{Capacity (Watts)}$ |                    |                    |                    |
|----------------------------------------------------------------------------------|--------------------|--------------------|--------------------|
| Ambient Temp                                                                     | 20°C               | 40°C               | 60°C               |
| Cold Plate                                                                       | $y = .199x - 44.9$ | $y = .199x - 47.9$ | $y = .199x - 50.8$ |



Ambient Air Path

**DIMENSIONS**

\* Dimension does not include hardware and sealant.  
Dimension: Inches [Millimeters]