# FHP-1501 | Air Conditioner

Air Cooled
Flush Mounted
NEMA-12, NEMA-4

24 VDC Input

## FEATURES

- Externally mounted (no intrusion)
- Mounts in multi-unit array for incremental capacity
- Compact (only 15"L X 12"W X 9"D)
- Weighs only 55 lbs. (25 kg)
- Ambient range -10°C to +70°C
- No compressor, fluorocarbons or filters
- Virtually maintenance-free operation
- Stainless steel exterior housing
- No moving parts except fans
- Environmetally safe

## INCLUDES

- Condensate removal system
- Adjustable temperature control
- Mounting gasket for NEMA-12, NEMA-4 seal
- Mounting hardware

## SPECIFICATIONS

| | MODEL | PART NUMBER | NOTES | PERFORMANCE RATING BTU/HR | VOLTAGE VDC | CURRENT AMPS. | WEIGHT LBS. (KG) | TEMP. CONTROL * | CONDENSATE REMOVAL | OPERATING AMBIENT °C | AGENCY APPROVALS (ETL) |
|---|---|---|---|---|---|---|---|---|---|---|---|
| NEMA 12 | FHP-1501 | 7-2185-0-000 | Cool only | 1000-1100 | 24 | 18 | 46(21) | TC-6F | Included | -10/+70 | Pending |
| | FHP-1501 | 7-2155-0-000 | Cool only | 1000-1100 | 24 | 18 | 46(21) | EXT* | Included | -10/+70 | Pending |
| | FHP-1501HC | 7-2135-1-000 | Heat/Cool | 1000-1100 | 24 | 18 | 46(21) | TC-3F | Included | -10/+70 | Pending |
| | FHP-1501HC | 7-2155-1-000 | Heat/Cool | 1000-1100 | 24 | 18 | 46(21) | EXT** | Included | -10/+70 | Pending |
| NEMA 4 | FHP-1501XE | 7-2185-4-000 | Cool only | 1000-1100 | 24 | 18 | 46(21) | TC-6F | Included | -10/+60 | Pending |
| | FHP-1501XE | 7-2155-4-000 | Cool only | 1000-1100 | 24 | 18 | 46(21) | EXT* | Included | -10/+60 | Pending |
| | FHP-1501XEHC | 7-2135-5-000 | Heat/Cool | 1000-1100 | 24 | 18 | 46(21) | TC-3F | Included | -10/+70 | Pending |
| | FHP-1501XEHC | 7-2155-5-000 | Heat/Cool | 1000-1100 | 24 | 18 | 46(21) | EXT** | Included | -10/+70 | Pending |

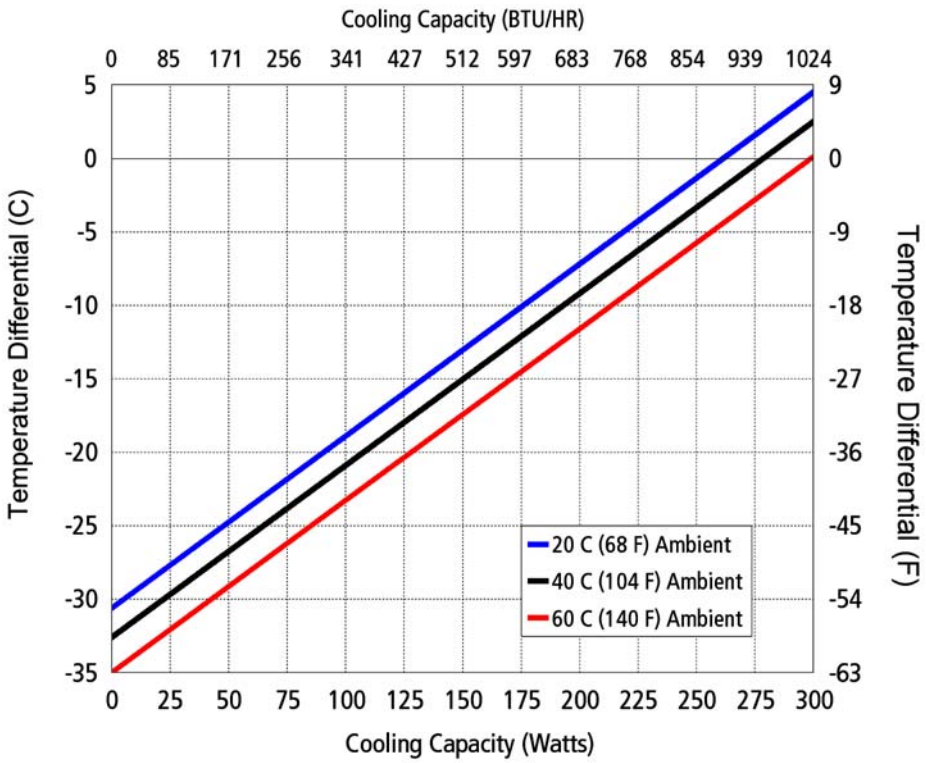
* Unit is set for 5-32 VDC external signal, relay(s) included

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

**For other voltages contact TECA**

# FHP-1501

## PERFORMANCE CURVE




| Equation of line: y=ΔT(°C) x=Capacity (Watts) | | | |
|---|---|---|---|
| **Ambient Temp** | **20°C** | **40°C** | **60°C** |
| Enclosure Air | y=.117x-30.6 | y=.117x-32.6 | y=.117x-35.0 |
| Cold Sink | y=.093x-30.6 | y=.093x-32.6 | y=.093x-35.0 |

**MOUNTING STYLE**

Flush Mounted

**ENVIRONMENTS**

NEMA-12 IP 40 (maintains IP 52)

NEMA-4 IP 56

**RATING (TRADITIONAL)**

950 BTU/hr @ 0 °F ΔT

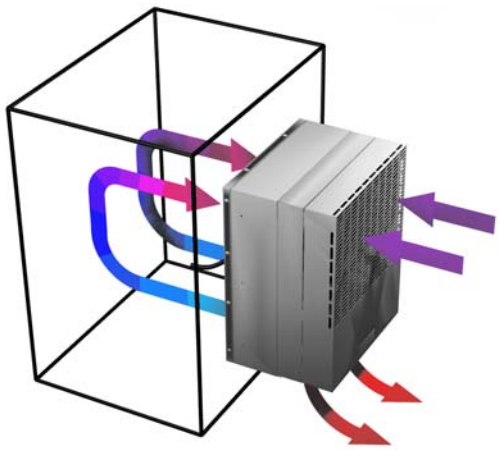
1270 BTU/hr @ +20 °F ΔT *

**RATING (DIN 3168)**

278 Watts L35 L35

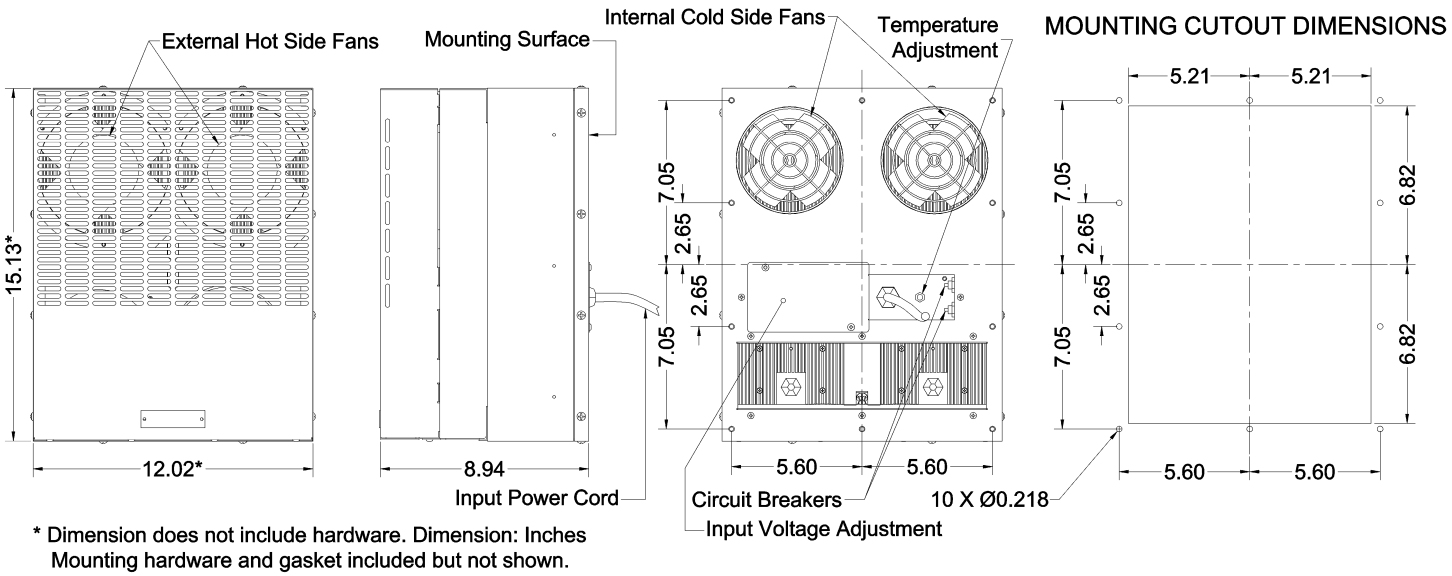
162 Watts L35 L50

* See page 10



Air Flow Pattern

## DIMENSIONS




* Dimension does not include hardware. Dimension: Inches
Mounting hardware and gasket included but not shown.