AHP-300FF
Air Conditioner

Air Cooled
Through Mounted
NEMA-12, 4, and 4x

FEATURES
- Compact (only 10” X 5.37” X 6.45”)
- 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 operation
- Weight 7.5 LBS.

OPERATING TEMPERATURES
- Operating Ambient: -40/+70 °C
- Operating Enclosure: -10/+60 °C

PERFORMANCE RATINGS
- Cooling (Traditional) 210 BTU/HR
- Cooling (Din 3168) 61 WATTS
- Cooling COP (at L35 L35) 0.42

OPTIONS
- Temperature Control TC-6F DC for cool only
- Temperature Control TC-3F DC for heat/cool
- Adaptable for TC-3400
- Adaptable for TC-3500 (only Rev. Pol. versions @ 24VDC)
- Cover for hot side

INCLUDES
- Mounting gasket
- Mounting hardware
- Power input leads

CONFIGURATIONS

<table>
<thead>
<tr>
<th>MODEL</th>
<th>PART NUMBER</th>
<th>NOTES</th>
<th>HEAT Watts</th>
<th>VOLTAGE VDC</th>
<th>CURRENT AMPS</th>
<th>ENVIRONMENT</th>
</tr>
</thead>
<tbody>
<tr>
<td>AHP-300FF</td>
<td>0-7097-0-000</td>
<td>Cool only, industrial fans</td>
<td>None</td>
<td>12/24/48</td>
<td>12/6/3</td>
<td>NEMA-12, IP 52</td>
</tr>
<tr>
<td>AHP-300FFHC</td>
<td>0-7094-1-000</td>
<td>Heat/Cool, industrial fans</td>
<td>75</td>
<td>12</td>
<td>12</td>
<td>NEMA-12, IP 52</td>
</tr>
<tr>
<td>AHP-300FFHC</td>
<td>0-7095-1-000</td>
<td>Heat/Cool, industrial fans</td>
<td>75</td>
<td>24</td>
<td>6</td>
<td>NEMA-12, IP 52</td>
</tr>
<tr>
<td>AHP-300FFHC</td>
<td>0-7097-1-001</td>
<td>Heat/Cool, industrial fans, Rev. Pol.</td>
<td>144</td>
<td>12/24/48</td>
<td>12/6/3</td>
<td>NEMA-12, IP 52</td>
</tr>
<tr>
<td>AHP-300XE</td>
<td>0-7097-4-000</td>
<td>Cool only, sealed hot side fan</td>
<td>None</td>
<td>12/24/48</td>
<td>12/6/3</td>
<td>NEMA-4, IP 56</td>
</tr>
<tr>
<td>AHP-300XEHC</td>
<td>0-7095-5-000</td>
<td>Heat/Cool, sealed hot side fan</td>
<td>75</td>
<td>24</td>
<td>6</td>
<td>NEMA-4, IP 56</td>
</tr>
<tr>
<td>AHP-300XEHC</td>
<td>0-7097-5-001</td>
<td>Heat/Cool, sealed hot side fan, Rev. Pol.</td>
<td>144</td>
<td>12/24/48</td>
<td>12/6/3</td>
<td>NEMA-4, IP 56</td>
</tr>
<tr>
<td>AHP-300X</td>
<td>0-7097-2-000</td>
<td>Cool only, Mil. grade hot side fan</td>
<td>None</td>
<td>12/24/48</td>
<td>12/6/3</td>
<td>NEMA-4X, IP 56</td>
</tr>
<tr>
<td>AHP-300XHC</td>
<td>0-7094-3-000</td>
<td>Heat/Cool, Mil. grade hot side fan</td>
<td>75</td>
<td>12</td>
<td>12</td>
<td>NEMA-4X, IP 56</td>
</tr>
<tr>
<td>AHP-300XHC</td>
<td>0-7095-3-000</td>
<td>Heat/Cool, Mil. grade hot side fan</td>
<td>75</td>
<td>24</td>
<td>6</td>
<td>NEMA-4X, IP 56</td>
</tr>
<tr>
<td>AHP-300XHC</td>
<td>0-7097-3-001</td>
<td>Heat/Cool, Mil. grade hot side fan, Rev. Pol.</td>
<td>144</td>
<td>12/24/48</td>
<td>12/6/3</td>
<td>NEMA-4X, IP 56</td>
</tr>
</tbody>
</table>

TECA 1-888-TECA-USA (832-2872) www.teca-usa.com
### Performance Curve

- **Ambient Temp**
  - 20°C
  - 40°C
  - 60°C

- **Enclosure Air**
  - 20°C: \( y = 0.82x - 47.0 \)
  - 40°C: \( y = 0.82x - 50.0 \)
  - 60°C: \( y = 0.82x - 53.0 \)

- **Cold Sink**
  - 20°C: \( y = 0.64x - 47.0 \)
  - 40°C: \( y = 0.64x - 50.0 \)
  - 60°C: \( y = 0.64x - 53.0 \)

### Dimensions

- **External Hot Side Fan**
  - 5.37 [136]" (5.37 [136]"

- **Internal Cold Side Fan**
  - 3.10 [79]" (3.10 [79]"

- **Mounting Surface**
  - 6.45 [163]" (6.45 [163]"

- **Terminal Strip**
  - 3.35 [85]" (3.35 [85]"

- **Mounting Cutout Dimensions**
  - 0.13 [3] (0.13 [3])
  - 4.62 [117] (4.62 [117])
  - 8.00 [203] (8.00 [203])
  - 4 X Ø0.218 [56] (4 X Ø0.218 [56])
  - (4) 10-32 Studs

* Dimension does not include hardware and sealant.
† On all models of AHP-300X, these dimensions are greater by 0.25 inch.

**Mounting Style:** Through Mounted

**Environments Served:**
- NEMA-12 IP 52
- NEMA-4,4X IP 56

**Rating (Traditional):**
- 210 BTU/hr @ 0 °F \(\Delta T\)
- 250 BTU/hr @ +20 °F \(\Delta T\)

**Rating (DIN 3168):**
- 61 Watts L35 L35
- 44 Watts L35 L50

---

**AHP-300FF**

**Air Conditioner - Air Cooled**

![Air Flow Pattern](image)