FHP-1501 Air Conditioner

**Features**
- Externally mounted (no intrusion)
- Mounts in multi-unit array for incremental capacity
- Mounts in any orientation (condensate control may not work properly in all orientations)
- No moving parts except fans
- Environmentally safe
- No compressor, fluorocarbons or filters
- Virtually maintenance-free operation
- Stainless steel exterior housing
- Dual voltage (120/240 VAC)
- Custom finishes
- Operating ambient temperature range -40/+70 °C
- Operating enclosure temperature range -10/+60 °C
- Agency approvals: UL1995, CSA22.2, CE
- Weight 55 LBS.

**Power Inputs**
- Voltage 120/240 VAC
- Current, Active 8.0/5.5 AMPS

**Performance Ratings**
- Cooling (Traditional) 950 BTU/HR
- Cooling (Din 3168) 278 WATTS
- Cooling COP (at L35 L35) 0.29

**Includes**
- Integral power supply
- Mounting gasket and hardware
- Power input cord
- Condensate control system

**Configurations**

<table>
<thead>
<tr>
<th>Model</th>
<th>Part Number</th>
<th>Notes</th>
<th>Temperature Control</th>
<th>Environment</th>
</tr>
</thead>
<tbody>
<tr>
<td>FHP-1501</td>
<td>7-2181-0-000</td>
<td>Cool only, industrial fans</td>
<td>TC-6F</td>
<td>NEMA-12, IP 52</td>
</tr>
<tr>
<td>FHP-1501</td>
<td>7-21F1-0-000</td>
<td>Cool only, industrial fans</td>
<td>TC-1F</td>
<td>NEMA-12, IP 52</td>
</tr>
<tr>
<td>FHP-1501</td>
<td>7-2151-0-000</td>
<td>Cool only, industrial fans</td>
<td>EXT*</td>
<td>NEMA-12, IP 52</td>
</tr>
<tr>
<td>FHP-1501HC</td>
<td>7-2131-1-000</td>
<td>Heat/Cool, industrial fans</td>
<td>TC-3F</td>
<td>NEMA-12, IP 52</td>
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</tr>
<tr>
<td>FHP-1501XE</td>
<td>7-2181-4-000</td>
<td>Cool only, sealed hot side fan</td>
<td>TC-6F</td>
<td>NEMA-4, IP 56</td>
</tr>
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</table>

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

Equation of line: \( y = \Delta T \degree C \times x \text{ Capacity (Watts)} \)

<table>
<thead>
<tr>
<th>Ambient Temp</th>
<th>20°C</th>
<th>40°C</th>
<th>60°C</th>
</tr>
</thead>
<tbody>
<tr>
<td>Enclosure Air</td>
<td>( y = 0.117x - 30.6 )</td>
<td>( y = 0.117x - 32.6 )</td>
<td>( y = 0.117x - 35.0 )</td>
</tr>
<tr>
<td>Cold Sink</td>
<td>( y = 0.093x - 30.6 )</td>
<td>( y = 0.093x - 32.6 )</td>
<td>( y = 0.093x - 35.0 )</td>
</tr>
</tbody>
</table>

**MOUNTING STYLE**

- Flush Mounted

**ENVIRONMENTS SERVED**

- NEMA-12    | IP 52
- NEMA-4     | IP 56

**RATING (TRADITIONAL)**

- 950 BTU/hr @ 0 °F \( \Delta T \)
- 1270 BTU/hr @ +20 °F \( \Delta T \)

**RATING (DIN 3168)**

- 278 Watts  | L35 L35
- 162 Watts  | L35 L50

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**DIMENSIONS**

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

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**MOUNTING CUTOUT DIMENSIONS**

- 5.21 [132] ×  5.21 [132]