FHP-750 Air Conditioner

Air Cooled 120 VAC, 240 VAC Input
Flush Mounted 430 BTU/HR
NEMA-12, NEMA-4

FEATURES
- Externally mounted, no intrusion
- Compact (only 12"L X 6"W X 9"D)
- No compressor, fluorocarbons or filters
- Virtually maintenance-free operation
- Stainless steel exterior housing
- NEMA-4 and NEMA-12 versions
- Both 120 VAC and 240 VAC available
- Mounts in any orientation (condensate control may not work properly in all orientations)
- Custom finishes
- Operating ambient temperature range -40/+70 °C
- Operating enclosure temperature range -10/+60 °C
- Agency approvals: UL1995, CSA22.2, CE
- Weight: (FHP-750 16 LBS.) (FHP-752 23 LBS.)

POWER INPUTS
Voltage 120/240 VAC
Current, Active (Nema-12) 4.0/2.5 AMPS
Current, Active XE (Nema-4) 5.0/2.5 AMPS

PERFORMANCE RATINGS
Cooling (Traditional) 430 BTU/HR
Cooling (Din 3168) 125 WATTS
Cooling COP (at L35 L35) 0.26

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>VOLTAGE VAC</th>
<th>CURRENT AMPS</th>
<th>TEMPERATURE CONTROL</th>
<th>ENVIRONMENT</th>
</tr>
</thead>
<tbody>
<tr>
<td>FHP-750</td>
<td>7-A580-0-000</td>
<td>120</td>
<td>4.0</td>
<td>TC-6F</td>
<td>NEMA-12, IP 52</td>
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<tr>
<td>FHP-750</td>
<td>7-A5F0-0-000</td>
<td>120</td>
<td>4.0</td>
<td>TC-1F</td>
<td>NEMA-12, IP 52</td>
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<tr>
<td>FHP-750</td>
<td>7-A550-0-000</td>
<td>120</td>
<td>4.0</td>
<td>EXT*</td>
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<td>FHP-752</td>
<td>7-A582-0-000</td>
<td>240</td>
<td>2.5</td>
<td>TC-6F</td>
<td>NEMA-12, IP 52</td>
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<tr>
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<td>7-A5F2-0-000</td>
<td>240</td>
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<td>TC-1F</td>
<td>NEMA-12, IP 52</td>
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<tr>
<td>FHP-752</td>
<td>7-A552-0-000</td>
<td>240</td>
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<td>7-A580-4-000</td>
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<td>5.0</td>
<td>TC-6F</td>
<td>NEMA-4, IP 56</td>
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* Unit is set for 5-32 VC external signal, relay(s) included

TECA 1-888-TECA-USA (832-2872) www.teca-usa.com
PERFORMANCE CURVE

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

<table>
<thead>
<tr>
<th>Ambient Temp</th>
<th>Enclosure Air</th>
<th>Cold Sink</th>
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</thead>
<tbody>
<tr>
<td>20°C</td>
<td>( y = 0.29x - 34.5 )</td>
<td>( y = 0.18x - 34.5 )</td>
</tr>
<tr>
<td>40°C</td>
<td>( y = 0.29x - 36.5 )</td>
<td>( y = 0.18x - 36.5 )</td>
</tr>
<tr>
<td>60°C</td>
<td>( y = 0.29x - 38.5 )</td>
<td>( y = 0.18x - 38.5 )</td>
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FHP-750

MOUNTING STYLE
Flush Mounted

ENVIRONMENTS SERVED
NEMA-12 IP 52
NEMA-4 IP 56

RATING (TRADITIONAL)
430 BTU/hr @ 0 °F \( \Delta T \)
560 BTU/hr @ +20 °F \( \Delta T \)

RATING (DIN 3168)
125 Watts L35 L35
78 Watts L35 L50

Air Flow Pattern

DIMENSIONS

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