AHP-1802XP

Hazardous Location Air Conditioner

Through Mounted

950 BTU/HR

FEATURES
- Designed for European Zone 1 and Zone 2
- Compact (24” L X 12.35” W X 19.9” D)
- Weighs approximately 100 lbs. (45 kg)
- Heavy gauge aluminum and stainless steel construction
- Ambient temperature up to +50°C
- No compressor, fluorocarbons or filters
- Virtually maintenance-free operation
- Integral power supply
- Environmentally safe
- Mounts and operates in any orientation

CONTROL TEMPERATURES
<table>
<thead>
<tr>
<th>Feature</th>
<th>Temperature</th>
</tr>
</thead>
<tbody>
<tr>
<td>Active Cooling (TC-6F)</td>
<td>25 °C or 35 °C</td>
</tr>
<tr>
<td>Active Cooling (TC-3F)</td>
<td>35 °C</td>
</tr>
<tr>
<td>Active Heating</td>
<td>10 °C</td>
</tr>
<tr>
<td>Typical Hysteresis</td>
<td>5 °C</td>
</tr>
<tr>
<td>Operating Ambient</td>
<td>-40/+65 °C</td>
</tr>
<tr>
<td>Operating Enclosure</td>
<td>-10/+60 °C</td>
</tr>
</tbody>
</table>

POWER INPUTS
- Voltage: 240 VAC
- Current, Active: 5.3 AMPS
- Frequency: 50/60 Hz

PERFORMANCE RATINGS
- Cooling (Traditional): 950 BTU/HR
- Cooling (Din 3168): 280 WATTS
- Heating (Traditional): < 1300 BTU/HR
- Heating (Din 3168): < 400 WATTS
- Weight: 98 LBS.

INCLUDES
- Semi-Centrifugal duct fan, DN 220, AC, explosion proof, zones 1and 2
- Integral linear power supply
- TC-6F, adjustable, cool only controller
- TC-3F, heat/cool, controller available
- Versions for customer supplied control
- Gasket and mounting hardware included
- Power input line cord

CONFIGURATIONS

<table>
<thead>
<tr>
<th>MODEL</th>
<th>PART NUMBER</th>
<th>NOTES</th>
<th>TEMPERATURE CONTROL</th>
</tr>
</thead>
<tbody>
<tr>
<td>AHP-1802XP</td>
<td>0-0182-2-007</td>
<td>Cool only</td>
<td>TC-6F</td>
</tr>
<tr>
<td>AHP-1802XP</td>
<td>0-0172-3-009</td>
<td>Cool Only</td>
<td>EXT*</td>
</tr>
<tr>
<td>AHP-1802XPHC</td>
<td>0-0132-3-008</td>
<td>Heat/Cool</td>
<td>TC-3F</td>
</tr>
<tr>
<td>AHP-1802XPHC</td>
<td>0-0172-3-010</td>
<td>Heat/Cool</td>
<td>EXT*</td>
</tr>
</tbody>
</table>

* Unit is controlled by a separate 5-32 VDC external signal, relay(s) included
**AHP-1802XP**

**PERFORMANCE CURVE**

![Performance Curve Graph]

**MOUNTING STYLE**

Through Mounted

**ENVIRONMENTS SERVED**

IP54
- Zone 1, Zone 2
- Ex II 2 G
- T1 - T3

**RATING (TRAADITIONAL)**

- 950 BTU/hr @ 0 °F ΔT
- 1210 BTU/hr @ +20 °F ΔT

**RATING (DIN 3168)**

- 280 Watts L35 L35
- 160 Watts L35 L50

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**DIMENSIONS**

![Dimensions Diagram]