NE040D48
4,000 BTU/H 48 Volt DC Powered Air Conditioner
Indoor/Outdoor, UL Types 12, 4 & 4X Available

Engineered & manufactured to endure the most difficult of environments and applications. Thermal Edge air conditioners will exceed environmental requirements in applications like Telecom Outside Plant, Off-Grid Solar, Wind & other Battery Powered Electrical Cabinets.

Digital Temperature Controller
- Programmable set point and temperature controls
- Visible Error and/or alarm messaging
- System status indication & keypad lockout function

Active Condensate Evaporation System
- Constant elimination of condensate
- Increases unit efficiency by pre-cooling refrigerant

Key Design Features
- Sloped top to allow for water runoff
- Designed with rigid chassis and seam welded shroud
- Thoughtful interior design for easy maintenance
- Narrow body style fits on 12" enclosure

Unit Efficiency
- Temperature operated blower control saves energy
- Highly efficient rotary compressor
- Fully insulated & sealed cabinet
- Thermal Expansion Valve to maintain cooling capacity over a broad ambient temperature range

Compressor Protection System
- High & Low refrigerant cutouts with fault indication
- Compressor anti short cycle protection
- Thermal overload protector
- Compressor motor drive controller eliminates power inrush, saves energy and increases compressor life

Options:
- Dry Contact Alarm Capabilities
- Remote Controller
- Open Door Kill Switch
- Corrosive Environment Packages
- Remote Monitoring Options
- Redundant Systems
- Tamper Resistant Filters

---

<table>
<thead>
<tr>
<th>Model</th>
<th>UL Type</th>
<th>BTU/Hour</th>
<th>Material</th>
<th>Voltage</th>
<th>Running Amps</th>
<th>Max. Amb. Temperature</th>
<th>H x W x D</th>
<th>Weight (lbs.) Unit/Ship</th>
</tr>
</thead>
<tbody>
<tr>
<td>NE040D4812</td>
<td>12</td>
<td>4000</td>
<td>Powder coated steel</td>
<td>48 VDC</td>
<td>25.3</td>
<td>131°F</td>
<td>35.27&quot; x 11.8&quot; x 9.5&quot;</td>
<td>103 / 120</td>
</tr>
<tr>
<td>NE040D4804</td>
<td>4</td>
<td>4000</td>
<td>Powder coated steel</td>
<td>48 VDC</td>
<td>25.3</td>
<td>131°F</td>
<td>35.27&quot; x 11.8&quot; x 9.5&quot;</td>
<td>103 / 120</td>
</tr>
<tr>
<td>NE040D484X</td>
<td>4X</td>
<td>4000</td>
<td>Stainless steel</td>
<td>48 VDC</td>
<td>25.3</td>
<td>131°F</td>
<td>35.27&quot; x 11.8&quot; x 9.5&quot;</td>
<td>103 / 120</td>
</tr>
<tr>
<td>NE040D484XL6</td>
<td>4X</td>
<td>4000</td>
<td>Mill finish aluminum</td>
<td>48 VDC</td>
<td>25.3</td>
<td>131°F</td>
<td>35.27&quot; x 11.8&quot; x 9.5&quot;</td>
<td>85 / 102</td>
</tr>
</tbody>
</table>
ATTENTION: If ordering a replacement for a Thermal Edge air conditioner, please include the part number and serial number of the unit being replaced in your order. This will assure that we ship a replacement that is compatible with the cutout dimensions and power connection features of the older model.

All information subject to change without notice.