INDUSTRY STANDARDS
UL Recognized
CE
Telcordia GR-487 capable

APPLICATION
• Outdoor telecommunications equipment
• Industrial automation
• Outdoor kiosk
• Outdoor displays
• OSP applications

FEATURES
• Customizable solutions to meet any customer need
• Two models utilizing Hydrophobic GORE® filter
• Two models with MERV 12, pleated filter
• Standard power input: 48 VDC
• UL Listed to save time and money with agency approvals
• Power Cord included
• Easy to replace filters
• Broad operating temperature range -40 C to 55 C
• Every unit functionally tested before shipping
• Hydrophobic GORE® filter protects against salt and other corrosive agents
• Controller provides soft start and current limiting at start up
• Vibration resistant to withstand over-the-ground transportation of the telecom system
• Variable speed blowers standard on units for quiet running
• Controller provides fan speed control and temperature alarm

FINISH
• Standard Finish: Galvanized steel with RAL 7035 light-gray semi-textured powder coat paint

OPTIONS
• Custom Material: Aluminum, Stainless Steel, Mild Steel
• Custom Finish: Paint Color
• Custom Power Input: 24 VDC, 115 VAC, & 230 VAC
• Custom Sizes: Height 29 in. (737 mm) to 56 in. (1422 mm)

NOTES
Visit www.PentairProtect.com to download 2D and 3D CAD drawings into the overall design of your electrical system.

GORE® is a registered trademark of W.L. Gore & Associates, Inc.
### Performance Data DACS

<table>
<thead>
<tr>
<th>CATALOG NUMBERS</th>
<th>DCG4108548100</th>
<th>DCG2904248100</th>
<th>DCT5615048100</th>
<th>DCT3809448100</th>
</tr>
</thead>
</table>

#### Cooling Performance

<table>
<thead>
<tr>
<th>Watts/°F</th>
<th>85</th>
<th>42</th>
<th>50</th>
<th>94</th>
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</thead>
<tbody>
<tr>
<td>Watts/°C</td>
<td>152</td>
<td>75</td>
<td>270</td>
<td>170</td>
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</tbody>
</table>

**Operating Temperature Range:**

- **Maximum (°F/°C):**
  - DCG4108548100: 131/55
  - DCG2904248100: 131/55
  - DCT5615048100: 131/55
  - DCT3809448100: 131/55
- **Minimum (°F/°C):**
  - DCG4108548100: -40/-40
  - DCG2904248100: -40/-40
  - DCT5615048100: -40/-40
  - DCT3809448100: -40/-40

**Air Flow at 0 Static Pressure:**

- DCG4108548100: 265/450
- DCG2904248100: 130/221
- DCT5615048100: 470/799
- DCT3809448100: 300/510

#### Electrical Data

<table>
<thead>
<tr>
<th>Rated Voltage (VDC)</th>
<th>48</th>
</tr>
</thead>
<tbody>
<tr>
<td>Operating Range [VDC]</td>
<td>40-60</td>
</tr>
<tr>
<td>Max. Power Consumption [Watts]</td>
<td>159</td>
</tr>
<tr>
<td>Max. Nominal Current [Amps]</td>
<td>3.3</td>
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</table>

**Agency Approvals:**

- UL Recognized, CE

#### Enclosure Protection

<table>
<thead>
<tr>
<th>UL Type</th>
<th>Type 3R</th>
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</table>

**Controller Description:**

- Fan speed control and temperature alarm

**Factory Thermostat Setting [°F/°C]:**

- DCG4108548100: 67.1
- DCG2904248100: 68.1
- DCT5615048100: 65.0
- DCT3809448100: 63.4

#### Sound Level

<table>
<thead>
<tr>
<th>At 1.5 Meters - Full Speed [dBA]</th>
<th>67.1</th>
<th>68.1</th>
<th>65.0</th>
<th>63.4</th>
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</thead>
</table>

#### Unit Construction

<table>
<thead>
<tr>
<th>Material</th>
<th>Galvanized Steel</th>
</tr>
</thead>
<tbody>
<tr>
<td>Finish</td>
<td>RAL 7035 light-gray, semi-textured powder-coat paint standard</td>
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</table>

#### Filter Type

<table>
<thead>
<tr>
<th>Hydrophobic GORE®</th>
<th>Pleated Filter Merv 12</th>
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</table>

#### Unit Dimensions

<table>
<thead>
<tr>
<th>Height [in./mm]</th>
<th>40.75/1035</th>
<th>28.75/730</th>
<th>56/1422</th>
<th>38/965</th>
</tr>
</thead>
<tbody>
<tr>
<td>Width [in./mm]</td>
<td>15/381</td>
<td>12/305</td>
<td>20/508</td>
<td>16/406</td>
</tr>
<tr>
<td>Depth [in./mm]</td>
<td>7.88/200</td>
<td>7.12/181</td>
<td>7/176</td>
<td>6/152</td>
</tr>
<tr>
<td>Weight [lb./kg]</td>
<td>50/22.7</td>
<td>40/18.1</td>
<td>65/29.5</td>
<td>38/17.2</td>
</tr>
</tbody>
</table>
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FRESH AIR ENCLOSURE COOLING  DIRECT AIR COOLING SYSTEMS (DACs)

DCG2904248100

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