PowerCool™ Series

power distribution and cooling

- Space saving 1 rackspace design
- Fan speed proportional to temperature of enclosure to extend fan life, reduce dust and maintenance
- 2 stage surge suppression protects against damage from power surges and spikes
- Provides notification when surge protection is compromised via local LEDs and dry contact (depending on model)
- Quiet operation, 29 dB
- Available keyswitch model prevents unauthorized control of unit
- Available in flat black or black brushed and anodized finishes

EIA compliant 19” PowerCool™ Rackmount power distribution and cooling unit shall be Middle Atlantic Products model # PD-COOL-__(refer to chart), with a __ (15, 20 refer to chart) amp capacity, 2 stage, normal mode (Line to Neutral) spike and surge suppression with dry contact and LED status indicators and EMI filtering. PowerCool shall activate at 87°F (30.5°C), reach full speed at 95°F (35°C) and switch off at 85°F (29.4°C). PowerCool shall displace 50 CFM with a maximum decibel level of 29 dB (measurements made 1 meter from source, centered horizontally and vertically). PowerCool shall operate at a static pressure of .031 in. H2O. PowerCool shall have a removable 10“ temperature probe. PowerCool shall have a normally open contact closure for remote surge suppression status notification to customer supplied monitoring device shall operate on 120 volt AC/60Hz nominal power. PowerCool shall have a removable 6’ __A (14-3) IEC SignalSAFE™ power cord with IEC C-(14 or 20) receptacle (refer to chart). PowerCool shall have __(0,1) front and 10 NEMA 5-__R outlets, and (circuit breaker switch with switch guard, keyswitch, always on, refer to chart) located on the front of the unit. “Clean ground” surge suppressor design shall not pass noise contamination to the ground. PowerCool shall occupy one rackspace with a (flat black, black brushed and anodized finish, refer to chart). PowerCool shall be manufactured by an ISO 9001 registered company. PowerCool shall be warranted to be free from defects in materials and workmanship under normal use and conditions for a period of 3 years. PowerCool shall be ETL listed to UL standard 60950 in the US and CAN/CSA C22.2 #60950 in Canada.

Customizable specification clips available at middleatlantic.com
## PowerCool™ Series

### basic dimensions

All dimensions in inches unless otherwise noted [all dimensions in brackets are in millimeters]

### Part Numbers and Specifications

<table>
<thead>
<tr>
<th>Part #</th>
<th>Front Face Finish</th>
<th>Power Input</th>
<th>IEC Cord</th>
<th>Front Outlet</th>
<th>Rear Outlet Qty</th>
<th>Rear Outlet Type</th>
<th>Maximum Peak Load @ 120VAC</th>
<th>Maximum Continuous Load</th>
<th>Input Voltage Range (60 Hz Only)</th>
<th>Circuit Breaker Switch</th>
<th>Switch Keylock</th>
</tr>
</thead>
<tbody>
<tr>
<td>PDCOOL-1115R</td>
<td>Flat Black</td>
<td>Locking IEC C14 Inlet</td>
<td>6' C13 5-15P SignalSAFE™ IEC Cord</td>
<td>1 Qty X 15A</td>
<td>10</td>
<td>NEMA 5-15R</td>
<td>12A</td>
<td>100-130VAC / 60Hz</td>
<td>Yes</td>
<td>No</td>
<td></td>
</tr>
<tr>
<td>PDCOOL-1120R</td>
<td>Flat Black</td>
<td>Locking IEC C20 Inlet</td>
<td>6' C19 5-20P SignalSAFE™ IEC Cord</td>
<td>1 Qty X 20A</td>
<td>10</td>
<td>NEMA 5-20R</td>
<td>16A</td>
<td>100-130VAC / 60Hz</td>
<td>Yes</td>
<td>No</td>
<td></td>
</tr>
<tr>
<td>PDCOOL-1020RK</td>
<td>Flat Black</td>
<td>Locking IEC C20 Inlet</td>
<td>6' C19 5-20P SignalSAFE™ IEC Cord</td>
<td>None</td>
<td>10</td>
<td>NEMA 5-20R</td>
<td>20A</td>
<td>60Hz</td>
<td>No</td>
<td>Yes</td>
<td></td>
</tr>
<tr>
<td>PDCOOL-1015RA</td>
<td>Black Brushed &amp; Anodized</td>
<td>Locking IEC C14 Inlet</td>
<td>6' C13 5-15P SignalSAFE™ IEC Cord</td>
<td>None</td>
<td>10</td>
<td>NEMA 5-15R</td>
<td>15A</td>
<td>100-130VAC / 60Hz</td>
<td>No</td>
<td>No</td>
<td></td>
</tr>
</tbody>
</table>

Note:

- Fan Specifications (All Models)
  - Airflow: 50 CFM [1.4 M3/MIN]
  - Sound Level: 29dBA @1M
  - Static Pressure: 201 IN H2O [77.22Pa]
  - Turn On: 87°F [30.5°C]
  - Turn Off: 85°F [29.4°C]

---

**What great systems are built on.™**

[Logo: Middle Atlantic Products]

middleatlantic.com | middleatlantic.ca

2