# OD1238 Series

DC Fan - Super High Speed
120x38mm (4.7”x 1.5”)

![Image of OD1238 Series DC Fan](image)

### Frame & Impeller
- PBT, UL94V-O plastic

### Connection
- 2x Lead wires 22AWG

### Motor
- Brushless DC, auto restart, impedance and polarity protected

### Bearing System
- Dual ball bearing

### Insulation Resistance
- 10M ohm between leadwire and frame (500VDC)

### Dielectric Strength
- 1 second at 500 VAC, max leakage - 500 Microamp

### Temperature Range
- -20°C ~ +75°C

### Life (L10)
- 65,000 hours (45°C)

### Available Options:
- Tachometer (Frequency Generator)
- Alarm (Rotation Detector)
- Thermistor (Thermal Speed Control)
- Sleeve Bearing
- IP55
- Salt Fog

### Performance Table

<table>
<thead>
<tr>
<th>Model Number</th>
<th>Speed (RPM)</th>
<th>Airflow (CFM)</th>
<th>Noise (dB)</th>
<th>Volts DC</th>
<th>Voltage Range (VDC)</th>
<th>Amps</th>
<th>Max. Static Pressure (&quot;H2O)</th>
</tr>
</thead>
<tbody>
<tr>
<td>OD1238-12HBB</td>
<td>3800</td>
<td>154</td>
<td>52</td>
<td>12</td>
<td>6 ~ 14</td>
<td>1.30</td>
<td>0.57</td>
</tr>
<tr>
<td>OD1238-24HBB</td>
<td>3800</td>
<td>154</td>
<td>52</td>
<td>24</td>
<td>12 ~ 28</td>
<td>0.60</td>
<td>0.57</td>
</tr>
<tr>
<td>OD1238-48HBB</td>
<td>3800</td>
<td>154</td>
<td>52</td>
<td>48</td>
<td>24 ~ 55</td>
<td>0.35</td>
<td>0.57</td>
</tr>
</tbody>
</table>

---

OrionFans.com

Information and data is subject to change without prior notification.