### OA200EC Series

**EC Fan Dual Speed - 115V, 230V**  
250 x 76mm (9.85”x 3.0”)

<table>
<thead>
<tr>
<th>Frame</th>
<th>PBT UL94V-0 Plastic</th>
</tr>
</thead>
<tbody>
<tr>
<td>Impeller</td>
<td>Metal</td>
</tr>
<tr>
<td>Connection</td>
<td>3x Lead wires Black (line), Blue (neutral), Brown (speed)</td>
</tr>
<tr>
<td>Motor</td>
<td>Brushless EC motor, electronically protected</td>
</tr>
<tr>
<td>Bearing System</td>
<td>Dual ball</td>
</tr>
<tr>
<td>Insulation Resistance</td>
<td>&gt;100M ohm between lead-wire and frame (500VDC)</td>
</tr>
<tr>
<td>Dielectric Strength</td>
<td>1 min at 1,500 VAC, 50/60Hz</td>
</tr>
</tbody>
</table>

**Operating Temperature**

- Ball Bearing
  - -25°C ~ +50°C (non-condensing)
- Storage Temp
  - -40°C ~ +80°C

**Life Expectancy**

- Ball Bearing
  - 40,000 hours (L10 at 40°C)
- IP55 Rated

Weight: ~ 2.20 lbs.

### Performance Curves

#### OA200EC-11-1WB

- Speed (RPM): 1,400, 2,200
- Airflow (CFM): 290, 460
- Noise (dB): 44, 55
- Volts AC: 115
- Nominal Current: 0.13, 0.40
- Watts: 8.1, 26
- Max. Static Pressure (“H₂O): 0.28, 0.46
- Curves: 2, 1

#### OA200EC-22-1WB

- Speed (RPM): 1,400, 2,200
- Airflow (CFM): 290, 460
- Noise (dB): 44, 55
- Volts AC: 230
- Nominal Current: 0.08, 0.24
- Watts: 8.5, 27
- Max. Static Pressure (“H₂O): 0.28, 0.46
- Curves: 2, 1

*Speed (RPM) can be factory programmed

Noise, power and static pressure values will change per requirement.

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**Orion Fans**  
Information and data is subject to change without prior notification.