General Specifications

- **Frame Size**: 60x60x25mm
- **Material**: Frame: Plastic (UL94V-0), Impeller: Plastic (UL94V-0)
- **Motor Protection**: EC series fans have auto restart function
- **Input Voltage**: A rated voltage range of 100VAC~240VAC (50/60Hz) Rotation speed remains constant even at different input voltages
- **Dielectric Strength**: 50/60Hz 1500VAC 1min (Between input terminal and frame)
- **Temperature Range**: Operating temperature -30°C~70°C (Non-condensing) Storage temperature -40°C~70°C (Non-condensing)
- **Expected Life**: Ball Bearing 50,000hrs at 40°C (approximately 6 years)
- **Fan Specials**: RD or FG, have 4 lead wire, RD is white color, FG is yellow color, Brown is ground. PWM with RD or FG signal have 5 lead wire, PWM is blue color, Brown is ground.

Specifications

<table>
<thead>
<tr>
<th>Part No.</th>
<th>Bearing Type</th>
<th>Rated Voltage</th>
<th>Input Current</th>
<th>Input Power</th>
<th>Speed</th>
<th>Max Air Flow</th>
<th>Max Static Pressure</th>
<th>Noise</th>
<th>Weight</th>
</tr>
</thead>
<tbody>
<tr>
<td>EC06025B**HL(T)</td>
<td>B</td>
<td>100~240</td>
<td>0.06</td>
<td>2.30</td>
<td>4500</td>
<td>16.78</td>
<td>0.48</td>
<td>0.24</td>
<td>59.62</td>
</tr>
<tr>
<td>EC06025B**ML(T)</td>
<td>B</td>
<td>100~240</td>
<td>0.05</td>
<td>1.70</td>
<td>4000</td>
<td>13.47</td>
<td>0.38</td>
<td>0.19</td>
<td>47.37</td>
</tr>
<tr>
<td>EC06025B**LL(T)</td>
<td>B</td>
<td>100~240</td>
<td>0.04</td>
<td>1.40</td>
<td>3500</td>
<td>12.30</td>
<td>0.35</td>
<td>0.16</td>
<td>39.03</td>
</tr>
</tbody>
</table>

Specifications are subject to change without notice. Please visit our website at www.ecdrives.com for update information.

Dimensions (Unit:mm)

- Diameter: Φ42.0
- Height: 30±0.5
- Depth: 60±0.5
- Width: 50±0.3
- 8-Φ4.3±0.3

PQ Curve (At rated Voltage)

Wiring Diagram

- **Standard**: AC Power Supply → FAN → LED
- **RD or FG**: White or Yellow FG → 5 mA MAX → Pull-up resistor → Senser output
- **PWM with RD or FG signal**: Blue → Duty Cycle 0~100% → Input Signal (0 to 5VDC) [20k~30k Hz] → White or Yellow FG → 5 mA MAX → Pull-up resistor → Senser output

Note: Standard EC fan have two lead wire or Terminal. RD or FG, have 4 lead wire. RD is white color, FG is yellow color, Brown is ground. PWM with RD or FG signal have 5 lead wire, PWM is blue color, Brown is ground.