## 8025 Energy Saving EC Fan

### General Specifications
- **Frame Size:** 80x80x25mm
- **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 1500 VAC 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 wires. RD is White color, FG is Yellow 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>EC08025B**HL(T) B 1</td>
<td>100~240</td>
<td>0.06</td>
<td>4.50</td>
<td>3500</td>
<td>38.92</td>
<td>1.10</td>
<td>0.25</td>
<td>61.49</td>
<td>31.0</td>
</tr>
<tr>
<td>EC08025B**ML(T) B 1</td>
<td>100~240</td>
<td>0.05</td>
<td>2.40</td>
<td>3000</td>
<td>32.13</td>
<td>0.91</td>
<td>0.17</td>
<td>42.27</td>
<td>27.0</td>
</tr>
<tr>
<td>EC08025B**LL(T) B 1</td>
<td>100~240</td>
<td>0.04</td>
<td>1.60</td>
<td>2500</td>
<td>26.90</td>
<td>0.74</td>
<td>0.11</td>
<td>27.75</td>
<td>24.0</td>
</tr>
</tbody>
</table>

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

Note: “00” is 100 to 240VAC, “11” is 110 VAC, “22” is 220 VAC. (L) is Leadwire. (T) is Terminal.

### Dimensions (Unit:mm)

### PQ Curve (At rated Voltage)

### Wiring Diagram

Note: Standard EC fan have two lead wire or Terminal.
RD or FG, have 4 lead wires. RD is White color, FG is Yellow color. Brown is Ground
PWM with RD or FG signal have 5 lead wires. PWM is Blue color, Brown is Ground