ENERGY SAVING EC AXIAL FAN

8038 100VAC to 240VAC Energy Saving EC Fan

- **General Specifications**
  - Frame Size: 80x80x38mm
  - 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. PWM with RD or FG signal have 5 lead wires. 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></td>
<td>B VAC &amp; VDC</td>
<td>Amp</td>
<td>Watt</td>
<td>RPM</td>
<td>CFM</td>
<td>m³/min</td>
<td>Inch-H₂O</td>
<td>Pa</td>
<td>dB-A</td>
</tr>
<tr>
<td>EC080388**HL(T)</td>
<td>B</td>
<td>0.09</td>
<td>5.50</td>
<td>4000</td>
<td>40.95</td>
<td>1.16</td>
<td>0.28</td>
<td>70.41</td>
<td>31.0</td>
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<tr>
<td>EC080388**ML(T)</td>
<td>B</td>
<td>0.06</td>
<td>3.20</td>
<td>3500</td>
<td>36.30</td>
<td>1.03</td>
<td>0.22</td>
<td>54.23</td>
<td>27.0</td>
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<tr>
<td>EC080388**LL(T)</td>
<td>B</td>
<td>0.04</td>
<td>2.70</td>
<td>3000</td>
<td>30.61</td>
<td>0.87</td>
<td>0.16</td>
<td>40.80</td>
<td>24.0</td>
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</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)**

- **Wiring Diagram**

  - **Standard**: AC Power supply
  - **PWM + RD or FG**: PWM Control, Input Signal
  - **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

- **PQ Curve (At rated Voltage)**

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