ENERGY SAVING EC AXIAL FAN

12038

ENERGY SAVING EC Fan

100VAC to 240VAC

General Specifications

- Frame Size: 120x120x38mm, 7 blades
- 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)
- Operating temperature: -30°C~70°C (Non-condensing)
- Temperature Range: Operating temperature -30°C~70°C (Non-condensing)
- Expected life: Ball Bearing 50,000hrs at 40°C (approximately 6 years)
- Fan Specials: RD, FG, PWM, IP54, AS

Specifications

<table>
<thead>
<tr>
<th>Model</th>
<th>Bearing Type</th>
<th>Part No.</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></td>
<td>B</td>
<td>B</td>
<td>Amp</td>
<td>Watt</td>
<td>RPM</td>
<td>CFM</td>
<td>Inch-H2O</td>
<td>Pa</td>
<td>g</td>
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<tr>
<td>EC12038B**HL(T)</td>
<td>B</td>
<td>100–240</td>
<td>0.18</td>
<td>9.50</td>
<td>3500</td>
<td>123.92</td>
<td>0.36</td>
<td>90.51</td>
<td>49.3</td>
<td>285.0</td>
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<tr>
<td>EC12038B**ML(T)</td>
<td>B</td>
<td>100–240</td>
<td>0.12</td>
<td>6.20</td>
<td>3000</td>
<td>109.88</td>
<td>0.29</td>
<td>72.08</td>
<td>45.2</td>
<td>285.0</td>
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<tr>
<td>EC12038B**LL(T)</td>
<td>B</td>
<td>100–240</td>
<td>0.08</td>
<td>4.20</td>
<td>2500</td>
<td>86.25</td>
<td>0.20</td>
<td>49.13</td>
<td>38.5</td>
<td>285.0</td>
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</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)

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PQ Curve (At rated Voltage)

Wiring Diagram

Note: Standard AF 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