



An EC fan (stand for Electronically Commutated) is a brushless, direct current, motor. This runs on a DC voltage, but with a single phase AC supply. Thanks an electronic PCB board included in the stator, single phase AC voltage is transformed into a direct voltage by an AC/DC converter. EC motors assure energy efficiency, quiet operation and high performances.

| Technical data      |                           |                   |
|---------------------|---------------------------|-------------------|
| APPROVALS           |                           |                   |
| Approvals           | CE; UKCA                  |                   |
| PERFORMANCE         |                           |                   |
| Max Airflow         | 198/206                   | m <sup>3</sup> /h |
|                     | 117/121                   | CFM               |
| Max Static Pressure | 79/77                     | Pa                |
|                     | 0.32/0.31                 | in H2O            |
| RPM                 | 3000/3100                 | RPM               |
| ELECTRICAL DATA     |                           |                   |
| Rated Voltage       | 230                       | V a.c.            |
| Rated Current       | 0.05/0.05                 | A                 |
| Rated Power         | 6/6                       | W                 |
| Operating Voltage   | 140-264                   | V a.c.            |
| Frequency           | 50/60                     | Hz                |
| Appliance Class     | II                        |                   |
| Insulation Class    | B                         |                   |
| Motor Protection    | Impedance Protected       |                   |
| MECHANICAL DATA     |                           |                   |
| Bearing             | Ball Bearing              |                   |
| GENERIC DATA        |                           |                   |
| Casing Material     | Plastic UL94-V0           |                   |
| Airflow Direction   | Air exhaust over brackets |                   |

Image is for illustrative purpose only. All specifications, data and drawing are subject to change without notice. Please refer to our terms of sales including our warranty and limited liabilities clauses.

E12B23HWBL00

AC axial fans

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VENTILATION SYSTEMS

| Technical data                 |         |             |
|--------------------------------|---------|-------------|
| Electrical Connection          | Wires   |             |
| Life Expectancy                | 50000   | h at 40 °C  |
|                                | 50000   | h at 104 °F |
| Fan Noise                      | 45/46.8 | dB(A)       |
| Cable Length                   | 300     | mm          |
|                                | 11.81   | in          |
| Fixing System                  | Screws  |             |
| ENVIRONMENTAL AND THERMAL DATA |         |             |
| IP Protection Degree           | IP20    |             |
| Operating Temperature          | -20÷70  | °C          |
|                                | -4÷158  | °F          |
| Storage Temperature            | -40÷75  | °C          |
|                                | -40÷167 | °F          |

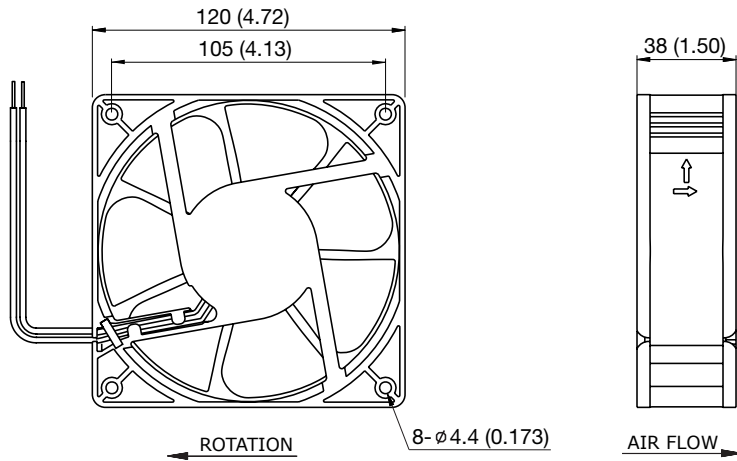
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Technical drawing mm (in)



Air Performance

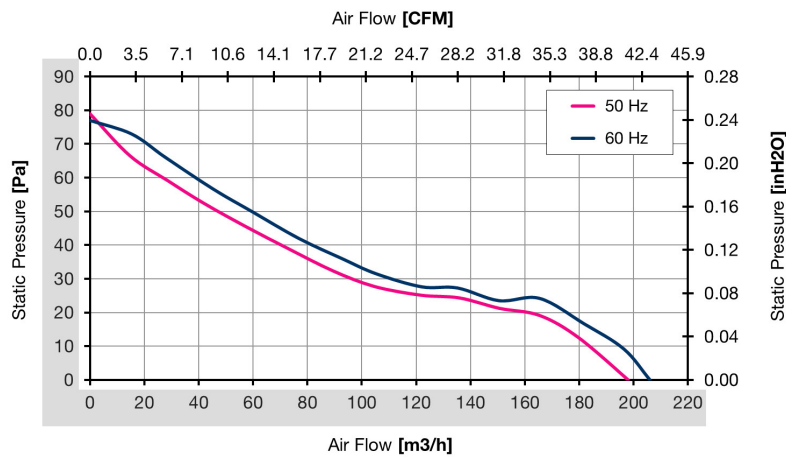


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