



JE8025EC — 80 × 80 × 25 mm EC Axial Fan

Typical Applications

Frequency Converters & Servo Drives Heat dissipation for internal power modules of industrial drivers	Electrical Control Cabinets Distribution boxes & PLC cabinets: internal ventilation & heat dissipation
Welding & Power Supplies Welding equipment, small-sized industrial power supplies, switching power supplies	3D Printers & Industrial Controllers 3D printers, small industrial controllers, industrial PC (IPC)
New Energy & Power Small charging-pile modules, on-board charger (OBC), PV inverters, BMS battery cabinets, UPS	Lighting & Stage Equipment High-power LED power supplies & control cabinets, moving-head stage lights, laser lights
Medical Equipment Small medical instruments: cabinet ventilation for analyzers & monitoring devices (silent version preferred)	Telecom & Network Equipment Switch enclosures, compact communication cabinets, network-device power supply heat dissipation
Home Appliances & Air Handling Air purifiers, small drying equipment, electric-control cabinets for fitness equipment	Office Equipment Heat dissipation for internal power boards of laser printers & photocopiers

General Specifications

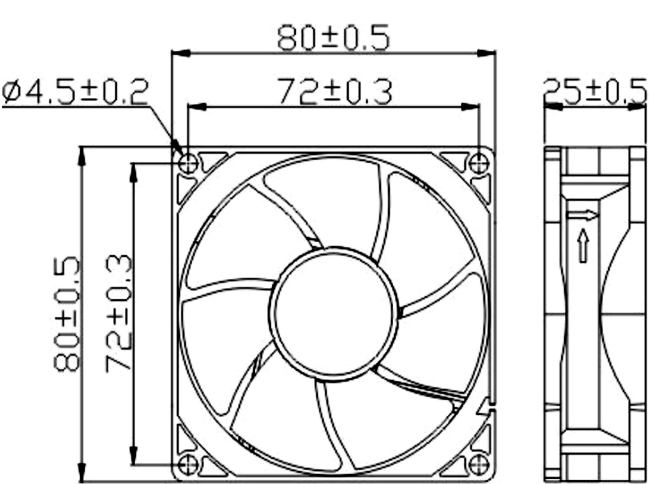
- **Series size:** 80 × 80 × 25 mm
 - **Frame:** Thermoplastic PBT, UL 94V-0
 - **Impeller:** Thermoplastic PBT, UL 94V-0
 - **Bearing system:** Ball or Sleeve
 - **Life expectancy:** 30,000 hrs (Sleeve) / 50,000 hrs (Ball), continuous operation at 25°C, 65% RH
- **Rated voltages:** 115 / 230 VAC
 - **Frequency:** 50 / 60 Hz
 - **Speed:** 3,000 RPM
 - **Max airflow:** 40.2 CFM | **Max pressure:** 4.57 mmH₂O
 - **Weight:** 78 g

Performance Data

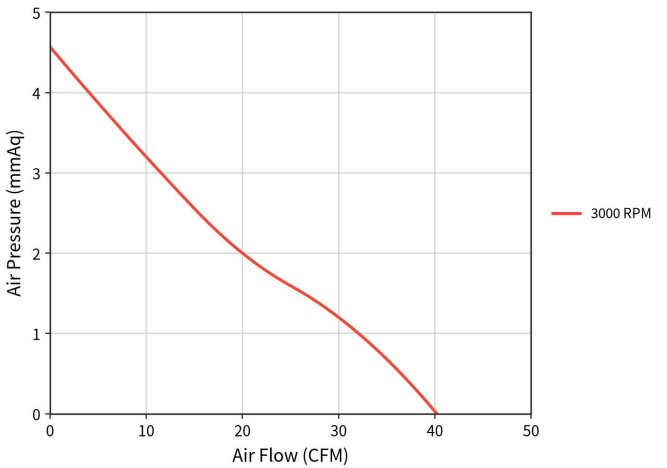
Model	Rated Voltage	Operating Voltage Range	Frequency	Rated Input Power	Speed	Max. Airflow	Max. Static Pressure	Noise
JE8025M110	115 VAC	80–135 VAC	50/60 Hz	4.0 W	3,000 RPM	40.2 CFM	4.57 mmH ₂ O	38.5 dB(A)
JE8025M220	230 VAC	180–265 VAC	50/60 Hz	4.0 W	3,000 RPM	40.2 CFM	4.57 mmH ₂ O	38.5 dB(A)

Available Functions

Motor Protection	Signal Output	Speed Control Mode
RP ○ SS ○ LP ○ CL ○ OVP ○	FG ○ RD ○ RDB ○ LD ○	PWM ○ TC ○ VC ○ CC ○ CS ○



Mechanical Dimensions (mm)



Airflow — Static Pressure Curve