



JE8038EC — 80 × 80 × 38 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

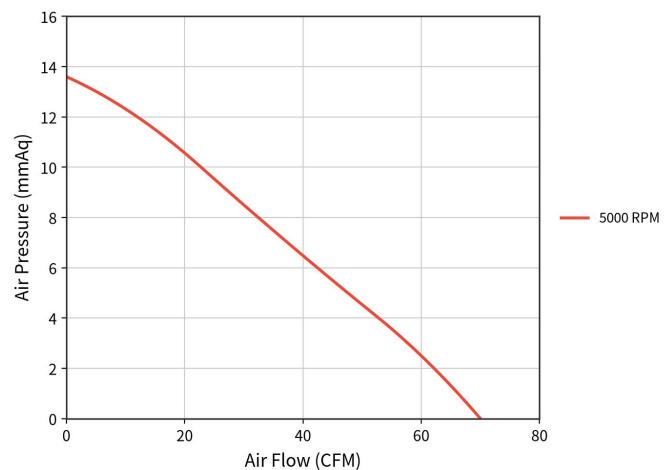
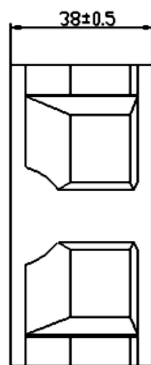
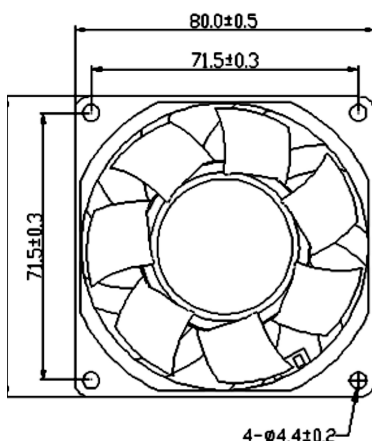
- **Series size:** 80 × 80 × 38 mm
- **Frame:** Thermoplastic PBT, UL 94V-0
- **Impeller:** Thermoplastic PBT, UL 94V-0
- **Bearing system:** Ball or Sleeve
- **Life expectancy:** 30,000 hrs (Sleeve) / 50,000 hrs (Ball), continuous operation at 25°C, 65% RH
- **Rated voltages:** 115 / 230 VAC
- **Frequency:** 50 / 60 Hz
- **Speed:** 5,000 RPM
- **Max airflow:** 62.3 CFM | **Max pressure:** 13.6 mmH₂O
- **Weight:** 177.6 g

Performance Data

Model	Rated Voltage	Operating Voltage Range	Frequency	Rated Input Power	Speed	Max. Airflow	Max. Static Pressure	Noise
JE8038H110	115 VAC	80–135 VAC	50/60 Hz	9.0 W	5,000 RPM	62.3 CFM	13.6 mmH ₂ O	52.1 dB(A)
JE8038H220	230 VAC	180–265 VAC	50/60 Hz	9.0 W	5,000 RPM	62.3 CFM	13.6 mmH ₂ O	52.1 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 ○



Airflow — Static Pressure Curve

Mechanical Dimensions (mm)