



JE15050EC — 150 × 150 × 51 mm EC Axial Fan

Typical Applications

Industrial Automation Heat dissipation for high-power frequency converters and servo drives; ventilation for large PLC electrical control cabinets, distribution cabinets and industrial control enclosures	Welding & Power Supplies Welding equipment, high-power industrial switching power supplies; industrial IPC, large-size 3D printing equipment (large airflow for devices with high heat output)
New Energy & Power UPS uninterruptible power supplies; cooling for large charging station modules; ventilation and heat dissipation for PV inverters and BMS of energy-storage battery cabinets; outdoor power control cabinets	Commercial Refrigeration & HVAC Condenser cooling for commercial freezer units and cold storage equipment; air circulation for large refrigerated display cabinets; ventilation for air-handling units and fresh-air systems
Lighting & Stage Equipment Heat dissipation for high-power LED display cabinets; large moving-head stage lights and professional stage lighting systems	Telecommunication & Data Center Ventilation cooling for server racks, network equipment cabinets and outdoor telecom base-station enclosures
Medical Equipment Heat dissipation for large analytical instruments and medical test equipment	Other Industrial Applications Ventilation for environmental test chambers, industrial drying equipment, large fitness equipment control cabinets

General Specifications

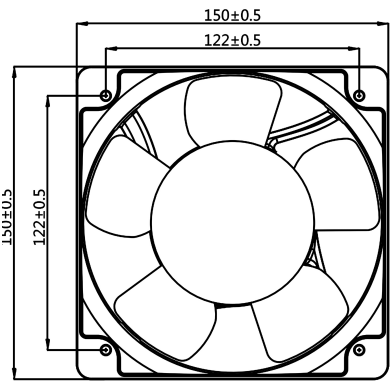
- **Series size:** 150 × 150 × 51 mm
- **Frame:** Aluminum
- **Impeller:** Thermoplastic PBT, UL 94V-0
- **Bearing system:** Two Ball
- **Life expectancy:** 50,000 hrs continuous operation at 25°C, 65% RH
- **Rated voltages:** 115 / 230 VAC
- **Frequency:** 50 / 60 Hz
- **Speed:** 5,000 RPM
- **Max airflow:** 375.4 CFM | **Max pressure:** 35.4 mmH₂O
- **Weight:** 700 g

Performance Data

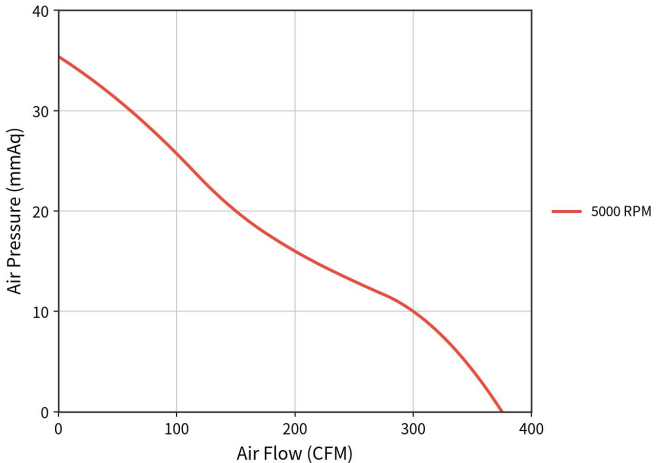
Model	Rated Voltage	Operating Voltage Range	Frequency	Rated Input Power	Speed	Max. Airflow	Max. Static Pressure	Noise
JE15050H110	115 VAC	80–135 VAC	50/60 Hz	64.0 W	5,000 RPM	375.4 CFM	35.4 mmH ₂ O	71.2 dB(A)
JE15050H220	230 VAC	180–265 VAC	50/60 Hz	55.0 W	5,000 RPM	375.4 CFM	35.4 mmH ₂ O	71.2 dB(A)

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