



JE25489EC — 254 × 89 mm EC Tube Axial Fan

Typical Applications

Industrial Automation Heat dissipation for high-power frequency converters and heavy-duty servo systems; ventilation for large-size industrial control cabinets and electrical enclosures	Welding & Power Supplies Cooling for heavy welding equipment and large industrial switching power supplies (huge airflow for devices with substantial heat output)
New Energy & Power Thermal management for high-power charging station modules and DC fast charging piles; ventilation and heat dissipation for central PV inverters and large-capacity energy-storage battery cabinets with BMS; high-capacity UPS systems	Commercial Refrigeration & HVAC Condenser cooling for commercial cold-storage units and freezer systems; air circulation for extra-large refrigerated display cabinets; ventilation for air-handling units, industrial air-conditioners and large drying systems
Lighting & Stage Equipment Heat dissipation for oversized high-power LED screen cabinets; cooling for heavy-duty professional stage lighting rigs	Telecommunication & Data Center Ventilation cooling for server racks, large network equipment cabinets and outdoor telecom base-station enclosures
Medical Equipment Thermal dissipation for large-scale medical analytical instruments and high-capacity laboratory test equipment	Other Industrial Applications Ventilation for environmental test chambers, industrial ovens, large-size drying facilities and machinery cabinet exhaust

General Specifications

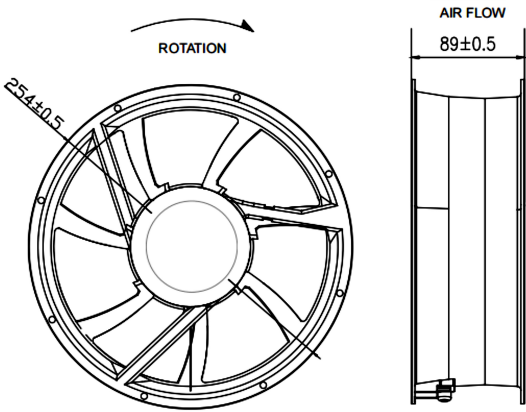
- **Series size:** 254 × 89 mm
 - **Frame:** Aluminum
 - **Impeller:** Thermoplastic PBT, UL 94V-0
 - **Bearing system:** Two Ball
 - **Life expectancy:** 50,000 hrs continuous operation at 25°C, 65% RH
- **Rated voltages:** 115 / 230 VAC
 - **Frequency:** 50 / 60 Hz
 - **Speed:** 2,500 RPM
 - **Max airflow:** 739.2 CFM | **Max pressure:** 21.7 mmH₂O
 - **Weight:** 2,600 g

Performance Data

Model	Rated Voltage	Operating Voltage Range	Frequency	Rated Input Power	Speed	Max. Airflow	Max. Static Pressure	Noise
JE25489H110	115 VAC	80–135 VAC	50/60 Hz	60.0 W	2,500 RPM	739.2 CFM	21.7 mmH ₂ O	65.4 dB(A)
JE25489H220	230 VAC	180–265 VAC	50/60 Hz	60.0 W	2,500 RPM	739.2 CFM	21.7 mmH ₂ O	65.4 dB(A)

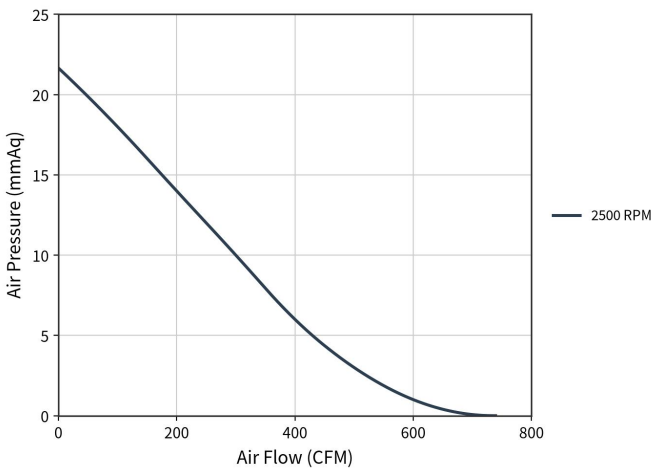
Available Functions

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



unit:mm

Mechanical Dimensions (mm)



Airflow — Static Pressure Curve