

145FZY2-S Jiulong 220VAC 172mm 30W Axial Fan Datasheet



SKU: [724815400000](#)

Category: Axial & Centrifugal Fans

Price: **\$26.99**

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Product Page: <https://www.equipspares.com/product/145fzy2-s-jiulong-220vac-172mm-30w-axial-fan>

Product Description

The Jiulong 145FZY2-S is a robust AC Axial Fan designed for critical thermal management in industrial equipment. Engineered with an external rotor motor architecture, this unit delivers consistent airflow with optimized static pressure capabilities. The construction features a durable die-cast aluminum housing that provides structural rigidity and effective heat dissipation for the motor assembly. Designed for continuous operation, the fan utilizes a precision sleeve bearing system to maintain rotational stability and minimize vibration during operation. Its aerodynamic impeller design ensures efficient air displacement, making it suitable for high-impedance environments requiring reliable cooling performance.

Model Number: 145FZY2-S

Brand: Jiulong

Product Type: AC Axial Fan

Rated Voltage: 220 VAC

Frequency: 50 Hz

Input Power: 30 W

Rated Current: 0.14 A

Rated Speed: 2600 RPM

Bearing Type: Sleeve Bearing

Max. Air Flow: 180 CFM (305 m³/h / 5.09 m³/min)

Max. Static Pressure: 14.2 mmH₂O (139 Pa / 0.56 inH₂O)

Dimensions: 172 mm x 150 mm x 51 mm

Weight: 0.85 kg

Life Expectancy: 30,000 Hours at 25°C

Housing Material: Die-Cast Aluminum

Impeller Material: Sheet Steel / UL94V-0 Plastic

Termination: 2 Flat Pin Terminals

Operating Temperature: -10°C to +60°C

Storage Temperature: -30°C to +70°C

Ingress Protection: IP44

Insulation Class: Class B

Motor Type: External Rotor Induction Motor

Mounting Orientation: Any

The 145FZY2-S is specifically engineered for demanding industrial applications, most notably in electric welding machines where consistent heat dissipation is vital for duty cycle maintenance. It is also widely utilized in chassis and cabinet cooling systems, providing necessary airflow to prevent thermal throttling in server racks and control panels. The 145FZY2-S ensures reliable operation in power supply units, instrumentation, and automation equipment requiring a compact yet powerful air movement solution.

Supplemental Images

