

# 150FZY8-D JiuLong 220VAC 150mm 40W Industrial Axial Fan Datasheet



**Brand:** JiuLong

**SKU:** 994566085492

**Category:** Axial & Centrifugal Fans

**Price:** \$29.99

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Product Page:

<https://www.equipspares.com/product/150fzy8-d-jiulong-220vac-150mm-40w-industrial-axial-fan>

## Product Description

The JiuLong 150FZY8-D is a robust AC Axial Fan engineered for high-demand industrial thermal management applications. Utilizing an advanced external rotor motor architecture, this unit delivers consistent airflow while maintaining optimal thermal impedance under heavy load conditions. The construction features a die-cast aluminum housing which provides superior structural rigidity and effective vibration damping, essential for industrial environments. Equipped with precision ball bearings, the 150FZY8-D ensures extended operational service life and reliable performance. Its aerodynamic blade design minimizes turbulence, optimizing static pressure for dense equipment integration and efficient heat exchange.

Model Number: 150FZY8-D

Brand: JiuLong (Ningbo JiuLong Telecommunications)

Product Type: AC Axial Fan

Rated Voltage: 220 VAC

Frequency: 50/60 Hz

Power Input: 40 W

Rated Current: 0.25 A (Estimated)

Rated Speed: 2600 RPM

Bearing Type: Dual Ball Bearing

Max. Air Flow: 195 CFM (331 m<sup>3</sup>/h / 5.52 m<sup>3</sup>/min)

Max. Static Pressure: 14.5 mmH<sub>2</sub>O (142 Pa / 0.57 inH<sub>2</sub>O)

Dimensions: 150mm x 150mm x 60mm

Weight: 0.85 kg

Frame Material: Die-Cast Aluminum Alloy

Blade Material: Thermoplastic PBT (UL94V-0) or Metal

Motor Type: External Rotor Induction Motor

Insulation Class: Class B

Ingress Protection: IP44

Operating Temperature: -10°C to +65°C

Termination: Lead Wires / Terminal Block

Mounting Orientation: Any

Life Expectancy: 50,000 Hours at 25°C

Phase: Single Phase

This cooling solution is specifically calibrated for industrial machinery requiring sustained heat dissipation and reliability. The 150FZY8-D is frequently deployed in telecommunication server racks and electrical control cabinets where space constraints and airflow efficiency are critical factors. Additionally, the 150FZY8-D serves as a primary cooling component in heavy-duty welding machines, CNC controllers, and power supply units, ensuring sensitive electronic components remain within safe thermal operating limits during continuous duty cycles.

## Supplemental Images

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