

# SJ1751HD2 San Ju 24VDC 172x150x51mm Axial Fan Datasheet



**SKU:** [873533030858](#)

**Category:** Axial & Centrifugal Fans

**Price:** **\$53.99**

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Product Page: <https://www.equipspares.com/product/sj1751hd2-san-ju-24vdc-172x150x51mm-axial-fan>

## Product Description

The San Ju SJ1751HD2 is a high-capacity DC Axial Fan engineered for critical thermal management in industrial environments. Utilizing a robust DC motor architecture paired with a precision dual ball bearing system, this unit ensures exceptional rotational stability and longevity under continuous operation. The design features a die-cast aluminum frame which provides superior structural rigidity and acts as a heat sink, enhancing the thermal impedance profile of the motor assembly. Its aerodynamic impeller is crafted to maximize static pressure delivery while maintaining consistent airflow, making it an ideal solution for high-density electronic enclosures requiring rapid heat dissipation.

Model Number: SJ1751HD2

Brand: San Ju (Sanju Electric)

Product Type: DC Axial Fan

Rated Voltage: 24 VDC

Voltage Range: 16.0 - 28.0 VDC

Rated Current: 2.50 A

Power Input: 60.0 W

Rated Speed: 4200 RPM

Bearing Type: Dual Ball Bearing

Max. Air Flow: 265.0 CFM (450.2 m<sup>3</sup>/h / 7.50 m<sup>3</sup>/min)

Max. Static Pressure: 22.5 mmH<sub>2</sub>O (220.6 Pa / 0.89 inH<sub>2</sub>O)

Dimensions: 172 x 150 x 51 mm

Frame Material: Aluminum Die-Cast (Black Coated)

Impeller Material: Thermoplastic PBT (UL94V-0)

Noise Level: 62.0 dB(A)

Termination: Lead Wires

Weight: 820 g

Life Expectancy: 60,000 Hours at 40°C

Operating Temperature: -10°C to +70°C

Storage Temperature: -40°C to +70°C

Ingress Protection: IP20

Insulation Resistance: > 10M Ohm at 500VDC

Dielectric Strength: 500VAC for 1 Minute

Motor Protection: Locked Rotor Protection; Polarity Protection

The SJ1751HD2 is specifically calibrated for high-load applications such as variable frequency drive (VFD) inverters and heavy-duty power supply units. Its high static pressure capabilities allow the SJ1751HD2 to effectively force air through dense fin stacks and restricted ventilation paths found in server racks, CNC machinery control cabinets, and telecommunications infrastructure. By maintaining optimal operating temperatures, this fan significantly extends the service life of sensitive industrial components.

## Supplemental Images

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