

# SJ4015HD2 SANJUN 24V 0.10A 40x40x15mm DC Axial Fan

**SKU:** SJ4015HD2

**Price:** \$9.99

**Categories:** Fans

**Tags:** Sanju

**Product Link:**

<https://www.electspares.com/product/sj4015hd2-sanjun-24v-0-10a-40x40x15mm-dc-axial-fan/>

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## Product Description

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The SANJUN SJ4015HD2 is a high-performance 24VDC DC Axial Fan with dimensions of 40 x 40 x 15 mm, specifically engineered for mission-critical cooling in Industrial Frequency Converters and high-density electronic modules. Driven by a high-torque brushless motor with precision dual ball bearings, this 21.0 g unit operates within a 14.0 - 27.6 VDC range, delivering a Max. Power Consumption of 2.4 W and a Max. Current Draw of 0.10 A at a rated speed of 7500 RPM. This High-performance unit features a 7-blade reinforced aerodynamic impeller designed for maximum static pressure, achieving a Max. Air Flow of 11.9 m<sup>3</sup>/h (7.0 CFM) and a Max. Static Pressure of 50.80 mmH<sub>2</sub>O (498.17 Pa / 2.00 inAq). Featuring a 2-wire electrical interface and a glass-fiber reinforced PBT structure, this fan is optimized for environments requiring concentrated airflow and extreme pressure stability in compact VFD and power electronics systems at the end.

SJ4015HD2 Fan Parameters

Model Number: SJ4015HD2

Manufacturer: SANJUN

Type: DC Axial Fan

Dimensions: 40 x 40 x 15 mm

Weight: 21.0 g

Bearing Type: Dual ball bearing

Nominal Voltage: 24 VDC

Voltage Range: 14.0 - 27.6 VDC

Max. Current Draw: 0.10 A

Max. Power Consumption: 2.4 W

Rated Speed: 7500 RPM

Max. Air Flow: 7.0 CFM (11.9 m<sup>3</sup>/h / 0.20 m<sup>3</sup>/min)  
Max. Static Pressure: 50.80 mmH<sub>2</sub>O (498.17 Pa / 2.00 inAq)  
Working Air Flow: 11.9 m<sup>3</sup>/h  
Static Pressure Increase: 498.17 Pa  
Motor Protection: Polarity and locked-rotor protection; Auto-restart  
Insulation Class: Class A  
Insulation Resistance: 10 MΩ at 500 VDC  
Dielectric Strength: 5 mA max. at 500 VAC for 1 minute  
Touch Current: ≤ 0.25 mA  
Degree of Protection: IP54  
Electrical Hookup: 2-Wires (UL 1007 AWG#26, 200 mm)  
Number of Blades: 7  
Direction of Rotation: Counter-clockwise (viewed toward impeller)  
Impeller Material: Glass-fiber reinforced PBT (UL 94V-0)  
Frame Material: Glass-fiber reinforced PBT (UL 94V-0)  
Sound Pressure Level: 28.0 dB(A)  
Service Life: 70,000 h (at 40 °C)  
Operating Temperature: -10 - +70 °C  
Storage Temperature: -40 - +80 °C  
Standard Compliance: CE; TUV; UL; RoHS

#### Application

The SANJUN SJ4015HD2 axial fan is the primary cooling component for industrial frequency converters, compact power supplies, and high-density server modules requiring concentrated airflow and high-pressure stability.

## Product Images

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Scan for product details:

