

# SJ1238VD2 SANJUN 24V 1.30A 120x120x38mm DC Axial Fan

**SKU:** SJ1238VD2

**Price:** \$15.87

**Categories:** Fans

**Tags:** Sanju

**Product Link:**

<https://www.electspares.com/product/sj1238vd2-sanjun-24v-1-30a-120x120x38mm-dc-axial-fan/>

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## Product Description

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The SANJUN SJ1238VD2 is a high-performance 24VDC DC Axial Fan with dimensions of 120 x 120 x 38 mm, specifically engineered for mission-critical cooling in Industrial Frequency Converters and high-density VFD systems. Driven by a high-torque brushless motor with precision dual ball bearings, this 320.0 g unit operates within a 14.0 - 27.6 VDC range, delivering a Max. Power Consumption of 31.2 W and a Max. Current Draw of 1.30 A at a rated speed of 6000 RPM. This High-performance unit features a 7-blade reinforced PBT impeller designed for maximum aerodynamic efficiency, achieving a Max. Air Flow of 360.2 m<sup>3</sup>/h (212.0 CFM) and a Max. Static Pressure of 33.02 mmH<sub>2</sub>O (323.82 Pa / 1.30 inAq). Featuring a 2-wire electrical interface and a rugged die-cast aluminum frame, this fan is optimized for environments requiring extreme static pressure and high-velocity ventilation in industrial power electronics at the end.

SJ1238VD2 Fan Parameters

Model Number: SJ1238VD2

Manufacturer: SANJUN

Type: DC Axial Fan

Dimensions: 120 x 120 x 38 mm

Weight: 320.0 g

Bearing Type: Dual ball bearing

Nominal Voltage: 24 VDC

Voltage Range: 14.0 - 27.6 VDC

Max. Current Draw: 1.30 A

Max. Power Consumption: 31.2 W

Rated Speed: 6000 RPM

Max. Air Flow: 212.0 CFM (360.2 m<sup>3</sup>/h / 6.00 m<sup>3</sup>/min)  
Max. Static Pressure: 33.02 mmH<sub>2</sub>O (323.82 Pa / 1.30 inAq)  
Working Air Flow: 360.2 m<sup>3</sup>/h  
Static Pressure Increase: 323.82 Pa  
Motor Protection: Polarity and locked-rotor protection  
Insulation Class: Class A  
Insulation Resistance: 10 MΩ at 500 VDC  
Dielectric Strength: 5 mA max. at 500 VAC for 1 minute  
Degree of Protection: IP54  
Electrical Hookup: 2-Wires (UL 1007 AWG#24)  
Number of Blades: 7  
Direction of Rotation: Counter-clockwise (viewed toward impeller)  
Impeller Material: Glass-fiber reinforced PBT (UL 94V-0)  
Frame Material: Die-cast aluminum  
Sound Pressure Level: 68.0 dB(A)  
Service Life: 70,000 h (at 40 °C)  
Operating Temperature: -20 - +70 °C  
Standard Compliance: CE; TUV; UL; RoHS

#### Application

The SANJUN SJ1238VD2 axial fan is the primary cooling component for high-power industrial frequency converters, telecommunications heat exchangers, and high-performance server racks requiring concentrated airflow and high-pressure stability.

## Product Images

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Scan for product details:

