

SJ1238HA1 Sanju 110V-120VAC 120x120x38mm Axial Fan Datasheet



SKU: [975872274413](#)

Category: Axial & Centrifugal Fans

Price: **\$19.99**

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Product Page:

<https://www.equipspares.com/product/sj1238ha1-sanju-110v-120vac-120x120x38mm-axial-fan>

Product Description

The Sanju SJ1238HA1 is a robust AC Axial Fan engineered for demanding industrial thermal management and continuous duty cycles. Designed with a high-efficiency AC motor and a durable double ball bearing architecture, this unit ensures consistent airflow delivery and reduced thermal impedance within enclosed systems. The 120mm frame is constructed from die-cast aluminum to maintain structural rigidity under continuous operation, minimizing vibration and resonance. Optimized for 110V-120VAC power grids, the SJ1238HA1 delivers reliable static pressure capabilities, making it an ideal solution for maintaining optimal operating temperatures in electronic cabinets and machinery. Its aerodynamic blade design balances airflow volume with acoustic performance, ensuring longevity and stability in harsh industrial environments.

Model Number: SJ1238HA1

Brand: Sanju

Product Type: AC Axial Fan

Rated Voltage: 110V-120V AC

Frequency: 50/60 Hz

Rated Current: 0.27 A

Input Power: 21 W (approx)

Rated Speed: 2600 RPM (50Hz) / 2900 RPM (60Hz)

Bearing Type: Double Ball Bearing

Max. Air Flow: 95.0 CFM (161.4 m³/h / 2.69 m³/min)

Max. Static Pressure: 7.11 mmH₂O (69.7 Pa / 0.28 inH₂O)

Dimensions: 120x120x38mm

Weight: 530 g

Life Expectancy: 50,000 Hours at 25°C

Noise Level: 44/48 dBA

Housing Material: Aluminum Alloy (Black Paint)

Impeller Material: Thermoplastic PBT (UL94V-0)

Operating Temperature: -10°C to +70°C

Storage Temperature: -40°C to +70°C

Ingress Protection: IP20 (Standard)

Insulation Resistance: > 500M Ohm at 500V DC

Dielectric Strength: 1500V AC for 1 Minute

Motor Protection: Impedance Protected

Termination: Lead Wires

Mounting Orientation: Any

This cooling solution is specifically tailored for industrial automation and heavy-duty machinery applications. The SJ1238HA1 is frequently integrated into CNC machine tool chassis to dissipate heat generated by servo drives, spindles, and power supplies. Additionally, the SJ1238HA1 serves as a critical component in server racks, telecommunications cabinets, and electrical control panels where consistent air exchange is required to prevent component failure. Its robust AC construction makes it suitable for factory floor environments, welding machines, and instrumentation equipment requiring reliable thermal regulation.

Supplemental Images

