

SJ1238HA3 San Jun 380VAC 120x120x38mm Industrial Axial Fan Datasheet



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Category: Axial & Centrifugal Fans

Price: **\$20.99**

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Product Description

The San Jun SJ1238HA3 is a robust AC Axial Fan designed for high-demand industrial cooling applications requiring consistent thermal management. Engineered with a precision Dual Ball Bearing system, this unit ensures reduced friction and extended operational longevity under continuous loads. The 120mm chassis features an aluminum alloy construction providing superior structural rigidity and heat dissipation properties. Optimized for 380VAC operation, the aerodynamic impeller design minimizes turbulence while maximizing static pressure, making it an ideal solution for overcoming high thermal impedance in densely packed electronic enclosures.

Model Number: SJ1238HA3

Brand: San Jun (Suntronix)

Product Type: AC Axial Fan

Rated Voltage: 380 VAC

Frequency: 50 / 60 Hz

Rated Current: 0.10 A

Input Power: 21 / 18 W

Rated Speed: 2600 / 2900 RPM

Bearing Type: Dual Ball Bearing

Max. Air Flow: 95 / 115 CFM (2.68 / 3.25 m³/min)

Max. Static Pressure: 8.38 / 9.65 mmH₂O (0.33 / 0.38 inH₂O)

Dimensions: 120x120x38mm

Weight: 530 g

Frame Material: Aluminum Alloy (Black Paint)

Impeller Material: Thermoplastic PBT (UL94V-0)

Noise Level: 44 / 48 dB-A

Life Expectancy: 50,000 Hours at 25°C

Motor Type: Shaded Pole Induction Motor

Insulation Class: Class B

Dielectric Strength: 1500VAC for 1 Minute

Insulation Resistance: 500VDC >100MΩ

Operating Temperature: -10°C to +70°C

Storage Temperature: -40°C to +70°C

Termination: Lead Wires

Mounting Orientation: Any

Origin: Taiwan

The SJ1238HA3 is specifically engineered for critical ventilation in industrial automation and power distribution environments. Common deployment scenarios include cooling large-scale server racks, CNC machinery control panels, and telecommunications cabinets where reliable airflow is paramount. The SJ1238HA3 excels in maintaining optimal operating temperatures for variable frequency drives (VFDs) and power supply units, preventing thermal throttling and component failure in 24/7 operational settings.

Supplemental Images

