

109S472UL Sanyo Denki 230VAC 120x120x38mm Sensor AC Fan Datasheet



Brand: Sanyo Denki

SKU: [971402893798](#)

Category: Axial & Centrifugal Fans

Price: **\$59.99**

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Product Page:

<https://www.equipspares.com/product/109s472ul-sanyo-denki-230vac-120x120x38mm-sensor-ac-fan>

Product Description

The Sanyo Denki 109S472UL is a robust AC Axial Fan engineered for high-reliability industrial cooling applications. Belonging to the renowned San Ace 120 series, this unit utilizes a durable aluminum die-cast frame and a polycarbonate impeller to ensure structural rigidity and thermal stability under continuous operation. The motor architecture features a shaded pole induction design optimized for 230VAC input, delivering consistent airflow with minimal electromagnetic interference. Designed with precision dual ball bearings, the 109S472UL offers extended service life and reduced mechanical friction, making it an ideal solution for environments requiring sustained thermal management and low maintenance intervals. Its integrated sensor capabilities allow for real-time monitoring of fan status, enhancing system safety.

Model Number: 109S472UL

Brand: Sanyo Denki

Series: San Ace 120

Product Type: AC Axial Fan

Rated Voltage: 230 VAC

Frequency: 50 / 60 Hz

Operating Voltage Range: 207 - 253 VAC

Rated Current: 0.11 / 0.09 A

Input Power: 18 / 16 W

Rated Speed: 2700 / 3100 RPM
Max. Air Flow: 88.3 / 102.0 CFM (2.5 / 2.9 m³/min)
Max. Static Pressure: 6.8 / 8.2 mmH₂O (66.6 / 80.4 Pa)
Bearing Type: Dual Ball Bearing
Dimensions: 120 x 120 x 38 mm
Weight: 550 g
Noise Level: 40 / 43 dB(A)
Frame Material: Aluminum Die-cast
Impeller Material: Plastic (UL94V-1)
Operating Temperature: -30 to +60 Degrees Celsius
Storage Temperature: -30 to +70 Degrees Celsius
Life Expectancy: 25,000 Hours (at 60C)
Dielectric Strength: 1500 VAC for 1 minute
Insulation Resistance: 10M Ohm min. at 500 VDC
Motor Protection: Impedance Protected
Sensor Type: Pulse Sensor / Tachometer Output
Termination: Lead Wires
Origin: Japan

The 109S472UL is specifically designed for critical cooling in industrial automation and power supply units where reliability is paramount. Common deployments include control cabinet ventilation, server rack cooling, and heat dissipation in large-scale inverters or rectifiers. The 109S472UL excels in maintaining optimal operating temperatures for sensitive electronic components within CNC machinery and telecommunications infrastructure, ensuring system longevity and preventing thermal shutdowns in continuous-duty cycles.

Supplemental Images

