

# 109S488 Sanyo Denki 200VAC 120x120x38mm AC Axial Fan Datasheet



**Brand:** Sanyo Denki

**SKU:** [988277569012](#)

**Category:** Axial & Centrifugal Fans

**Price:** **\$38.99**

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Product Page:

<https://www.equipspares.com/product/109s488-sanyo-denki-200vac-120x120x38mm-ac-axial-fan>

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## Product Description

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The Sanyo Denki 109S488 is a robust AC Axial Fan engineered for high-reliability industrial cooling applications. Featuring a durable aluminum die-cast frame and UL94V-0 rated plastic impeller, this unit ensures structural rigidity and thermal stability under continuous operation. The motor utilizes a shaded pole induction design paired with precision dual ball bearings to minimize friction and extend service life. Optimized for 200VAC systems, it delivers consistent airflow performance while maintaining manageable noise levels, making it an ideal solution for thermal management in demanding electrical cabinets and machinery where thermal impedance must be minimized.

Model Number: 109S488

Brand: Sanyo Denki

Series: San Ace 120

Product Type: AC Axial Fan

Rated Voltage: 200 VAC

Frequency: 50 / 60 Hz

Input Power: 13.5 W / 12 W

Rated Current: 0.08 A / 0.07 A

Rated Speed: 2700 / 3100 RPM

Max. Air Flow: 88.2 / 102 CFM (2.5 / 2.9 m<sup>3</sup>/min)

Max. Static Pressure: 6.4 / 7.4 mmH<sub>2</sub>O (62.7 / 72.5 Pa)

Dimensions: 120 x 120 x 38 mm

Bearing Type: Dual Ball Bearing

Frame Material: Aluminum Die-cast

Impeller Material: Plastic (Flammability: UL94V-0)

Motor Protection: Impedance Protection

Dielectric Strength: 1500 VAC for 1 minute

Insulation Resistance: 10 MΩ min. at 500 VDC

Operating Temperature: -30°C to +60°C

Storage Temperature: -30°C to +70°C

Life Expectancy: 25,000 Hours (at 60°C)

Noise Level: 40 / 44 dB(A)

Weight: 550 g

Origin: Japan

The 109S488 is specifically designed for industrial environments requiring reliable AC cooling solutions. Common deployments include control panels, server racks, and power supply units where 200VAC power is readily available. The 109S488 ensures efficient heat dissipation in factory automation equipment and telecommunications infrastructure, preventing thermal throttling in critical components. Its robust construction also suits CNC machinery and heavy-duty instrumentation.

## Supplemental Images

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