

# 109S008 Sanyo Denki 220VAC 120x120x38mm Aluminum Axial Fan Datasheet



**Brand:** Sanyo Denki

**SKU:** [926483883299](#)

**Category:** Axial & Centrifugal Fans

**Price:** **\$77.99**

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Product Page:

<https://www.equipspares.com/product/109s008-sanyo-denki-220vac-120x120x38mm-aluminum-axial-fan>

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## Product Description

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The Sanyo Denki 109S008 is a robust AC Axial Fan engineered for rigorous industrial thermal management applications. Featuring a high-durability aluminum die-cast frame, this unit offers exceptional structural rigidity and heat dissipation properties essential for environments like welding automation. The motor assembly utilizes precision ball bearings to ensure longevity and consistent performance under continuous operation. Designed with optimized blade aerodynamics, the 109S008 delivers high static pressure while maintaining operational stability, making it a critical component for maintaining thermal equilibrium in sensitive electronic enclosures and heavy machinery.

Model Number: 109S008

Brand: Sanyo Denki

Series: San Ace 120

Product Type: AC Axial Fan

Rated Voltage: 220 VAC

Frequency: 50/60 Hz

Input Power: 12.0 W

Rated Current: 0.07 A

Rated Speed: 2700 RPM

Max. Air Flow: 95.3 CFM (2.7 m<sup>3</sup>/min)  
Max. Static Pressure: 6.8 mmH<sub>2</sub>O (66.6 Pa / 0.27 inH<sub>2</sub>O)  
Dimensions: 120x120x38mm  
Bearing Type: Dual Ball Bearing  
Frame Material: Aluminum Die-cast  
Impeller Material: Plastic (UL94V-1)  
Noise Level: 42 dB(A)  
Life Expectancy: 25,000 Hours (at 60°C)  
Operating Temperature: -30°C to +60°C  
Storage Temperature: -30°C to +70°C  
Termination: 2-Wire / Terminals  
Dielectric Strength: 1500 VAC for 1 minute  
Insulation Resistance: 10MΩ at 500VDC  
Motor Protection: Impedance Protection  
Weight: 550 g

The 109S008 is specifically calibrated for high-demand industrial environments, including the cooling of power electronics within Panasonic welding robots and similar automation equipment. Its robust aluminum construction ensures reliability in areas subject to vibration and thermal stress. Integrators frequently deploy the 109S008 in server racks, CNC control cabinets, and telecommunications infrastructure where consistent airflow is non-negotiable for system longevity.

## Supplemental Images

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