

# 9G1212G1071 Sanyo Denki 12VDC 120x120x38mm Axial Fan Datasheet



**Brand:** Sanyo Denki

**SKU:** [991247529050](#)

**Category:** Axial & Centrifugal Fans

**Price:** **\$17.99**

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Product Page:

<https://www.equipspares.com/product/9g1212g1071-sanyo-denki-12vdc-120x120x38mm-axial-fan>

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## Product Description

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The Sanyo Denki 9G1212G1071 is a high-performance Axial Fan engineered for rigorous industrial thermal management applications. Built upon advanced DC motor technology and supported by a precision dual ball bearing architecture, this unit minimizes frictional losses while maximizing operational lifespan under continuous duty cycles. The aerodynamic impeller geometry is optimized to deliver superior airflow-to-noise ratios, effectively lowering thermal impedance in densely packed electronic enclosures. Featuring a robust frame construction that ensures structural rigidity, the 9G1212G1071 provides reliable static pressure capabilities, making it an ideal solution for systems requiring consistent and efficient heat dissipation.

Model Number: 9G1212G1071

Brand: Sanyo Denki

Product Series: San Ace 120 (9G Type)

Product Type: DC Axial Fan

Rated Voltage: 12V DC

Voltage Range: 10.2 - 13.8 VDC

Rated Current: 0.98 A

Power Consumption: 11.76 W

Rated Speed: 4100 RPM

Bearing Type: Dual Ball Bearing

Max. Air Flow: 137 CFM (232 m<sup>3</sup>/h / 3.88 m<sup>3</sup>/min)

Max. Static Pressure: 11.9 mmH<sub>2</sub>O (117.6 Pa / 0.47 inH<sub>2</sub>O)

Dimensions: 120x120x38 mm

Weight: 330 g

Life Expectancy: 40,000 Hours at 60°C

Noise Level: 49 dB(A)

Frame Material: Plastics (Flammability: UL94V-0)

Impeller Material: Plastics (Flammability: UL94V-0)

Motor Protection: Locked Rotor Protection, Reverse Polarity Protection

Dielectric Strength: 50/60 Hz, 500 VAC, 1 minute

Operating Temperature: -10°C to +70°C

Storage Temperature: -30°C to +70°C

Termination: Lead Wires (Red +, Black -, Yellow Sensor)

Speed Control: Tachometer Output (Pulse Sensor)

This cooling unit is extensively deployed in mission-critical infrastructure such as enterprise server racks, telecommunications base stations, and network switching gear where reliability is paramount. The 9G1212G1071 is also frequently integrated into industrial automation control panels and medical diagnostic equipment to maintain optimal operating temperatures. By delivering high static pressure, the 9G1212G1071 ensures effective cooling even in systems with high airflow resistance, safeguarding sensitive components from thermal degradation.

## Supplemental Images

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