

# 9GV1248J1D01 Sanyo Denki 48VDC 0.75A 120x120x38mm Axial Fan Datasheet



**Brand:** Sanyo Denki

**SKU:** [834426054509](#)

**Category:** Axial & Centrifugal Fans

**Price:** **\$37.99**

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Product Page:

<https://www.equipspares.com/product/9gv1248j1d01-sanyo-denki-48vdc-0-75a-120x120x38mm-axial-fan>

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## Product Description

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The Sanyo Denki 9GV1248J1D01 is a precision-engineered DC axial fan belonging to the renowned San Ace 120 series, specifically designed with proprietary Guide Vane technology to maximize aerodynamic efficiency. This unit utilizes a robust dual ball bearing architecture to ensure long-term operational stability and reduced thermal impedance in high-demand environments. The integrated guide vanes straighten the airflow discharge, significantly enhancing static pressure capabilities compared to conventional designs. Engineered for structural rigidity and consistent performance, this 48VDC cooling solution is optimized for industrial applications requiring superior heat dissipation and reliable air movement under variable load conditions.

Model Number: 9GV1248J1D01

Brand: Sanyo Denki

Series: San Ace 120 (9GV Type)

Product Type: DC Axial Fan

Rated Voltage: 48 VDC

Voltage Range: 40.8 - 55.2 VDC

Rated Current: 0.75 A

Power Consumption: 36.0 W

Rated Speed: 4600 RPM

Bearing Type: Dual Ball Bearing

Max. Air Flow: 167 CFM (4.73 m<sup>3</sup>/min)

Max. Static Pressure: 17.9 mmH<sub>2</sub>O (176 Pa / 0.71 inH<sub>2</sub>O)

Dimensions: 120x120x38 mm

Weight: 390 g

Life Expectancy: 40,000 Hours @ 60°C (L10)

Noise Level: 53 dB(A)

Sensor Type: Locked Rotor Sensor (Pulse Sensor/Tachometer optional based on wiring)

Frame Material: Plastics (UL94V-0)

Impeller Material: Plastics (UL94V-0)

Ingress Protection: IP Standard

Operating Temperature: -10°C to +70°C

Storage Temperature: -30°C to +70°C

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

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

Motor Protection: Locked Rotor Burnout Protection, Reverse Polarity Protection

Designed for critical cooling in high-density equipment, the 9GV1248J1D01 excels in server rack enclosures and telecommunications infrastructure where sustained airflow is paramount. Its high static pressure capability makes it ideal for forcing air through restrictive filters and densely packed component arrays in industrial power supplies and automation control cabinets. The 9GV1248J1D01 ensures thermal stability in medical instrumentation and CNC machinery, preventing overheating and extending the service life of sensitive electronic components.

## Supplemental Images

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