

# 9G1212H1D01 Sanyo Denki 12VDC 120x120x38mm Axial Fan Datasheet



**Brand:** Sanyo Denki

**SKU:** [1007395297064](#)

**Category:** Axial & Centrifugal Fans

**Price:** **\$25.99**

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Product Page:

<https://www.equipspares.com/product/9g1212h1d01-sanyo-denki-12vdc-120x120x38mm-axial-fan>

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## Product Description

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The Sanyo Denki 9G1212H1D01 is a robust DC Axial Fan engineered for critical industrial thermal management and high-reliability cooling applications. Part of the distinguished San Ace 120 series, this 12VDC unit features a precision dual ball bearing architecture that ensures exceptional rotational stability, reduced friction, and extended service life under continuous operation. The fan utilizes an aerodynamically optimized impeller design to deliver a high volume of airflow while maintaining structural rigidity and minimizing acoustic noise. Equipped with a Locked Rotor Sensor (D01), it provides essential feedback signals for system monitoring, ensuring optimal thermal impedance control in dense electronic enclosures.

Model Number: 9G1212H1D01

Brand: Sanyo Denki

Series: San Ace 120 (9G Type)

Product Type: DC Axial Fan

Rated Voltage: 12VDC

Voltage Range: 10.2 - 13.8 VDC

Rated Current: 0.38 A

Power: 4.56 W

Rated Speed: 2600 RPM

Max. Air Flow: 98.8 CFM (2.8 m<sup>3</sup>/min)

Max. Static Pressure: 6.4 mmH<sub>2</sub>O (62.7 Pa / 0.25 inH<sub>2</sub>O)

Bearing Type: Dual Ball Bearing

Dimensions: 120x120x38mm

Weight: 290 g

Life Expectancy: 40,000 hrs @ 60°C

Termination: 3-Wire (Lead Wire)

Sensor Type: Locked Rotor Sensor

Frame Material: Plastic (UL94V-0)

Impeller Material: Plastic (UL94V-0)

Operating Temperature: -10 to +70°C

Mounting Orientation: Any

The 9G1212H1D01 is specifically calibrated for demanding industrial environments, making it a primary choice for cooling variable frequency drives (inverters) and heavy-duty power supply units. Its superior airflow-to-pressure ratio allows the 9G1212H1D01 to effectively dissipate heat in industrial computers (IPC) and automation control cabinets, ensuring component stability and preventing thermal throttling in restricted spaces.

## Supplemental Images

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