

# 9GV0612P1H061 Sanyo Denki 12VDC 60x60x38mm Axial Fan Datasheet



**Brand:** Sanyo Denki

**SKU:** [768222460750](#)

**Category:** Axial & Centrifugal Fans

**Price:** **\$18.99**

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Product Page:

<https://www.equipspares.com/product/9gv0612p1h061-sanyo-denki-12vdc-60x60x38mm-axial-fan>

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## Product Description

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The Sanyo Denki 9GV0612P1H061 is a precision-engineered DC Axial Fan designed for high-density thermal management applications requiring exceptional static pressure capabilities. Utilizing Sanyo Denki's proprietary Guide Vane (GV) technology, this unit significantly enhances aerodynamic efficiency by straightening the airflow trajectory, thereby reducing turbulence and maximizing pressure generation. The motor assembly is supported by a robust dual ball bearing architecture, ensuring superior structural rigidity and long-term reliability under continuous high-speed operation. With a rated input of 2.0A, this fan delivers aggressive cooling performance, making it an optimal solution for overcoming high thermal impedance in tightly packed electronic enclosures while offering precise speed modulation via PWM control.

Model Number: 9GV0612P1H061

Brand: Sanyo Denki (San Ace)

Product Type: DC Axial Fan

Series: San Ace 60 9GV Type

Rated Voltage: 12 VDC

Voltage Range: 10.8 - 13.2 VDC

Rated Current: 2.0 A

Rated Power: 24.0 W

Rated Speed: 11500 RPM (Nominal)

Bearing Type: Dual Ball Bearing

Max. Air Flow: 68.5 CFM (116.4 m<sup>3</sup>/h / 1.94 m<sup>3</sup>/min)

Max. Static Pressure: 56.1 mmH<sub>2</sub>O (550 Pa / 2.21 inH<sub>2</sub>O)

Dimensions: 60 x 60 x 38 mm

Weight: 130 g

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

Speed Control: PWM (Pulse Width Modulation)

Sensor Output: Tachometer (Pulse Sensor)

Ingress Protection: None (Standard)

Noise Level: 64 dB(A)

Frame Material: Plastics (Flammability: UL94V-0)

Impeller Material: Plastics (Flammability: UL94V-0)

Operating Temperature: -10°C to +70°C

Storage Temperature: -30°C to +70°C

Motor Protection: Locked Rotor Burnout Protection, Reverse Polarity Protection

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

Insulation Resistance: 10 MΩ or more at 500 VDC

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

This high-performance cooling solution is specifically engineered for applications characterized by high system impedance, such as 1U/2U server racks, telecommunications switching gear, and industrial power supplies. The 9GV0612P1H061 excels in forcing air through restrictive heatsinks and densely populated chassis where standard axial fans fail to maintain adequate flow rates. Furthermore, the 9GV0612P1H061 is frequently deployed in medical instrumentation and RAID storage arrays, ensuring critical components remain within safe thermal operating limits during 24/7 duty cycles.

## Supplemental Images

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