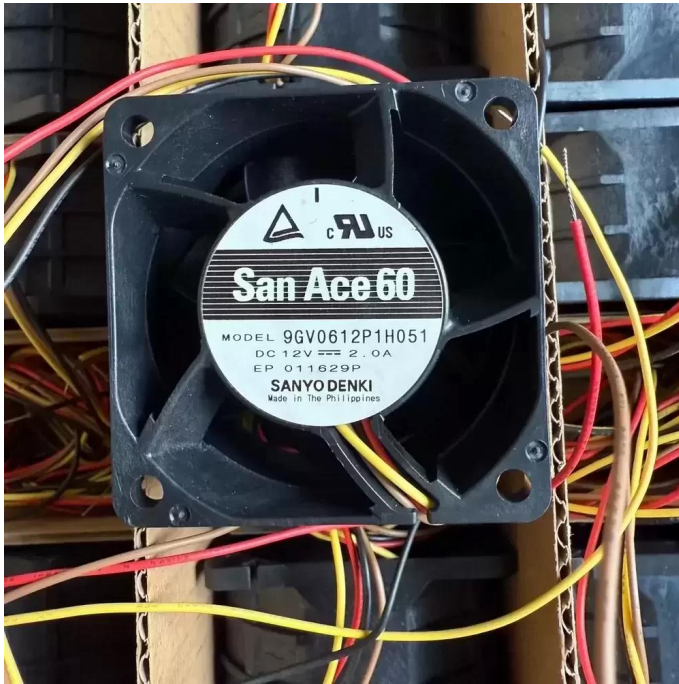


9GV0612P1H051 Sanyo Denki 12VDC 60x60x38mm Axial Fan Datasheet



Brand: Sanyo Denki

SKU: [971510235735](#)

Category: Axial & Centrifugal Fans

Price: **\$16.99**

E-mail: sales@equipspares.com

Web: <https://www.equipspares.com>

Product Page:

<https://www.equipspares.com/product/9gv0612p1h051-sanyo-denki-12vdc-60x60x38mm-axial-fan>

Product Description

The Sanyo Denki 9GV0612P1H051 is a specialized Guide Vane (GV) Axial Fan engineered for high-impedance cooling applications requiring exceptional static pressure capabilities. Utilizing advanced DC motor technology and a robust dual ball bearing architecture, this unit ensures long-term reliability and structural rigidity under continuous operation. The integrated guide vanes rectify the airflow, significantly reducing turbulence and enhancing aerodynamic efficiency compared to standard axial designs. With a substantial power rating driven by its 2.0A current draw, it delivers concentrated airflow, making it ideal for densely packed electronic enclosures where thermal impedance is a critical factor. The housing is constructed from flame-retardant materials, ensuring safety compliance in industrial environments.

Model Number: 9GV0612P1H051

Brand: Sanyo Denki

Series: San Ace 60 GV

Product Type: DC Axial Fan

Rated Voltage: 12 VDC

Voltage Range: 10.8 - 13.2 VDC

Rated Current: 2.0 A

Rated Input: 24 W

Rated Speed: 13500 RPM

Bearing Type: Dual Ball Bearing

Max. Air Flow: 68.1 CFM (1.93 m³/min)

Max. Static Pressure: 560 Pa (2.25 inH₂O)

Dimensions: 60 x 60 x 38 mm

Weight: 130 g

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

Noise Level: 64 dB(A)

Speed Control: PWM Control

Sensor: Pulse Sensor (Tachometer)

Material Frame: Plastic (UL94V-0)

Material Impeller: Plastic (UL94V-0)

Operating Temperature: -10 to +70°C

Storage Temperature: -30 to +70°C

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

Protection: Locked Rotor Protection, Reverse Polarity Protection

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

The 9GV0612P1H051 is specifically designed for high-density equipment where overcoming system impedance is paramount, such as 1U and 2U server racks, telecommunications base stations, and high-performance power supplies. Its guide vane design allows the 9GV0612P1H051 to push air effectively through restrictive heatsinks and tightly packed component arrays found in industrial automation controllers and medical instrumentation. The precise PWM control enables dynamic thermal management in network switches and storage arrays, ensuring the fan operates efficiently based on real-time cooling demands.

Supplemental Images

