

9GV1248P4J041 Sanyo Denki 48VDC 120x120x25mm Axial Fan Datasheet



Brand: Sanyo Denki

SKU: [657329903897](#)

Category: Axial & Centrifugal Fans

Price: **\$24.99**

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Product Page:

<https://www.equipspares.com/product/9gv1248p4j041-sanyo-denki-48vdc-120x120x25mm-axial-fan>

Product Description

The Sanyo Denki 9GV1248P4J041 is a precision-engineered DC axial fan belonging to the renowned San Ace 120 9GV series. This unit integrates advanced Guide Vane technology, which significantly straightens airflow to minimize vortex loss and enhance static pressure capabilities. Powered by a robust 48VDC motor with PWM control, it offers dynamic speed regulation for optimal thermal management. The construction features a dual ball bearing system, ensuring reduced friction and exceptional longevity under continuous operation. Its aerodynamic design optimizes the P-Q performance curve, making it an ideal solution for systems requiring high structural rigidity and low thermal impedance.

Model Number: 9GV1248P4J041

Brand: Sanyo Denki

Product Series: San Ace 120 (9GV Type)

Product Type: DC Axial Fan

Rated Voltage: 48 VDC

Operating Voltage Range: 40.8 - 55.2 VDC

Rated Current: 0.50 A

Rated Input Power: 24.0 W

Rated Speed: 4800 RPM

Bearing Type: Dual Ball Bearing

Max. Air Flow: 136 CFM (3.85 m³/min)

Max. Static Pressure: 165 Pa (16.8 mmH₂O / 0.66 inH₂O)

Dimensions: 120 x 120 x 25 mm

Weight: 260 g

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

Speed Control: PWM (Pulse Width Modulation)

Sensor Type: Pulse Sensor (Tachometer)

Noise Level: 53 dB(A)

Frame Material: Plastics (Flammability: UL94V-0)

Impeller Material: Plastics (Flammability: UL94V-0)

Ingress Protection: Standard

Termination: 4-Wire Lead

Operating Temperature: -10°C to +70°C

Storage Temperature: -30°C to +70°C

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

Motor Protection: Locked Rotor Protection, Reverse Polarity Protection

Designed for high-density industrial environments, the 9GV1248P4J041 excels in telecommunications equipment and server rack cooling where backpressure is a concern. The 9GV1248P4J041 is frequently utilized in power supply units, industrial inverters, and medical instrumentation requiring reliable heat dissipation. Its precise PWM control makes it suitable for automated control systems in CNC machinery and network storage devices.

Supplemental Images

