

9GV1212P1J07 Sanyo Denki 12VDC 3.0A 120x120x38mm Axial Fan Datasheet



Brand: Sanyo Denki

SKU: [889974027746](#)

Category: Axial & Centrifugal Fans

Price: **\$19.99**

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<https://www.equipspares.com/product/9gv1212p1j07-sanyo-denki-12vdc-3-0a-120x120x38mm-axial-fan>

Product Description

The Sanyo Denki 9GV1212P1J07 is a high-performance Axial Fan belonging to the renowned San Ace 120 GV (Guide Vane) series, designed to deliver superior aerodynamic efficiency. This unit distinguishes itself with integrated guide vanes within the frame, which rectify turbulent airflow into a straight, high-velocity stream, significantly increasing static pressure and reducing thermal impedance. Powered by a robust 12VDC motor and supported by a precision dual ball bearing architecture, it ensures exceptional structural rigidity and operational longevity even under high-speed rotation. The fan is specifically engineered for applications requiring substantial airflow throughput and reliability in demanding industrial conditions.

Model Number: 9GV1212P1J07

Brand: Sanyo Denki

Product Series: San Ace 120 GV

Product Type: DC Axial Fan

Rated Voltage: 12 VDC

Voltage Range: 10.2 - 13.8 VDC

Rated Current: 3.0 A

Input Power: 36.0 W

Rated Speed: 6400 RPM

Bearing Type: Dual Ball Bearing

Max. Air Flow: 224 CFM (380 m³/h / 6.34 m³/min)
Max. Static Pressure: 26.5 mmH₂O (260 Pa / 1.04 inH₂O)
Dimensions: 120x120x38 mm
Weight: 390 g
Life Expectancy: 40,000 Hours (L10 at 60°C)
Frame Material: Plastics (Flammability: UL 94V-0)
Impeller Material: Plastics (Flammability: UL 94V-0)
Termination: 3-Wire (Lead Wire)
Operating Temperature: -10°C to +70°C
Storage Temperature: -30°C to +70°C
Dielectric Strength: 50/60 Hz, 500 VAC, 1 minute
Country of Origin: Philippines

The 9GV1212P1J07 is critical for high-impedance cooling applications such as dense server racks, telecommunications cabinets, and enterprise storage systems where back-pressure is a limiting factor. Its guide vane design makes it particularly effective for forced-air cooling in CNC machinery, medical instrumentation, and industrial power supplies. By delivering a concentrated air stream, the 9GV1212P1J07 ensures optimal thermal regulation for sensitive electronic components in continuous-duty environments.

Supplemental Images

