

# 9GA0612P1J711 Sanyo Denki 12VDC 60x60x38mm PWM Axial Fan Datasheet



**Brand:** Sanyo Denki

**SKU:** 992165501032

**Category:** Axial & Centrifugal Fans

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

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Product Page:

<https://www.equipspares.com/product/9ga0612p1j711-sanyo-denki-12vdc-60x60x38mm-pwm-axial-fan>

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## Product Description

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The Sanyo Denki 9GA0612P1J711 is a high-performance DC Axial Fan belonging to the specialized San Ace 60 GA series, engineered to deliver superior static pressure and airflow efficiency. Built upon a robust DC motor platform and supported by a precision dual ball bearing architecture, this unit is designed to minimize frictional losses and maintain structural rigidity under high-speed operation. The aerodynamic impeller design significantly reduces thermal impedance, making it ideal for cooling high-density electronic assemblies. Featuring Pulse Width Modulation (PWM) capabilities, the fan allows for dynamic speed regulation, optimizing the balance between acoustic signature and thermal dissipation. The housing utilizes UL94V-0 rated materials, ensuring compliance with stringent industrial safety standards while providing reliable operation in demanding environments.

Model Number: 9GA0612P1J711

Brand: Sanyo Denki

Product Type: DC Axial Fan

Series: San Ace 60 GA

Rated Voltage: 12VDC

Voltage Range: 10.8 - 13.2 VDC

Rated Current: 1.5 A

Power Input: 18 W

Rated Speed: 16000 RPM

Bearing Type: Dual Ball Bearing

Max. Air Flow: 62.15 CFM (105.6 m<sup>3</sup>/h / 1.76 m<sup>3</sup>/min)

Max. Static Pressure: 580 Pa (59.1 mmH<sub>2</sub>O / 2.33 inH<sub>2</sub>O)

Dimensions: 60x60x38 mm

Weight: 110 g

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

Speed Control: PWM (Pulse Width Modulation)

Sensor Type: Pulse Sensor (Tachometer)

Noise Level: 61 dB(A)

Ingress Protection: None (Standard)

Insulation Class: Class E

Housing Material: Plastic (UL94V-0)

Impeller Material: Plastic (UL94V-0)

Termination: 4-Wire Lead (Red +, Black -, Yellow Sensor, Brown PWM)

Operating Temperature: -20°C to +70°C

Storage Temperature: -30°C to +70°C

Mounting Orientation: Any

Protection: Locked Rotor Protection, Reverse Polarity Protection

The 9GA0612P1J711 is specifically engineered for applications characterized by high system impedance where standard fans fail to deliver adequate airflow. It is extensively deployed in 1U server chassis, high-density storage arrays, and telecommunications power supply units where back-pressure is a significant factor. Additionally, the 9GA0612P1J711 serves as a critical cooling component in industrial automation controllers and medical instrumentation, ensuring sensitive electronics operate within safe thermal envelopes. Its compact 60mm footprint combined with high static pressure capabilities makes it a preferred choice for forced-air cooling in restricted spaces.

## Supplemental Images

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