

9GA0412P3M62 Sanyo Denki 12VDC 40x40x28mm PWM Axial Fan Datasheet



Brand: Sanyo Denki

SKU: [952343171270](#)

Category: Axial & Centrifugal Fans

Price: **\$14.99**

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<https://www.equipspares.com/product/9ga0412p3m62-sanyo-denki-12vdc-40x40x28mm-pwm-axial-fan>

Product Description

The Sanyo Denki 9GA0412P3M62 is a precision-engineered Axial Fan designed for high-density electronic cooling applications. Part of the renowned San Ace series, this unit utilizes an advanced DC motor architecture paired with a robust dual ball bearing system to ensure operational longevity and reduced thermal impedance. The aerodynamic impeller design optimizes static pressure delivery while maintaining structural rigidity under high-speed operation. Featuring Pulse Width Modulation (PWM) capabilities, it allows for dynamic speed regulation, balancing acoustic performance with thermal dissipation requirements. The housing is constructed from flame-retardant materials, ensuring safety and reliability in critical industrial environments.

Model Number: 9GA0412P3M62

Brand: Sanyo Denki

Product Type: DC Axial Fan

Series: San Ace 40 GA

Rated Voltage: 12VDC

Voltage Range: 10.8 - 13.2 VDC

Rated Current: 0.21 A

Power Input: 2.52 W

Rated Speed: 11000 RPM

Bearing Type: Dual Ball Bearing

Max. Air Flow: 16.2 CFM (27.5 m³/h / 0.46 m³/min)
Max. Static Pressure: 11.2 mmH₂O (110 Pa / 0.44 inH₂O)
Dimensions: 40x40x28mm
Weight: 53 g
Life Expectancy: 40,000 Hours at 60°C
Speed Control: PWM (Pulse Width Modulation)
Termination: 4-Wire Lead
Housing Material: Plastic (UL94V-0)
Impeller Material: Plastic (UL94V-0)
Operating Temperature: -10°C to +70°C
Storage Temperature: -30°C to +70°C
Ingress Protection: IP40
Noise Level: 38 dB(A)
Origin: Philippines

The 9GA0412P3M62 is engineered for critical thermal management in space-constrained environments requiring high static pressure. Common deployment scenarios include 1U server racks, telecommunications equipment, and industrial automation controllers where reliable airflow is paramount. The 9GA0412P3M62 is also frequently utilized in medical instrumentation and power supply cooling, ensuring components remain within safe operating temperature ranges during continuous duty cycles.

Supplemental Images

