

9AH0612P4G15 Sanyo Denki 12VDC 60x60x25mm PWM Axial Fan Datasheet



Brand: Sanyo Denki

SKU: [898708390118](#)

Category: Axial & Centrifugal Fans

Price: **\$7.99**

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Product Description

The Sanyo Denki 9AH0612P4G15 is a DC Axial Fan engineered for high-density thermal management applications requiring precise aerodynamic control. Part of the renowned San Ace 60 9AH series (often distributed as San Cooler 60), this unit utilizes an advanced DC motor architecture coupled with a precision dual ball bearing system to ensure minimal friction and extended operational longevity. The design features a structurally rigid frame molded from UL94V-0 rated plastic, optimizing airflow dynamics while reducing acoustic resonance. With integrated PWM speed control, the fan allows for dynamic duty cycle adjustments, balancing thermal impedance against power consumption. It is specifically calibrated to deliver high static pressure, making it ideal for overcoming system resistance in tightly packed electronic enclosures.

Model Number: 9AH0612P4G15

Brand: Sanyo Denki

Product Series: San Ace 60 (9AH Type)

Product Type: DC Axial Fan

Rated Voltage: 12VDC

Voltage Range: 10.8 - 13.2 VDC

Rated Current: 0.21 A

Rated Power: 2.52 W

Rated Speed: 6500 RPM

Bearing Type: Dual Ball Bearing

Max. Air Flow: 33.5 CFM (0.95 m³/min / 57 m³/h)

Max. Static Pressure: 8.4 mmH₂O (82.4 Pa / 0.33 inH₂O)

Dimensions: 60x60x25 mm

Weight: 90 g

Noise Level: 38 dB(A)

Speed Control: PWM (Pulse Width Modulation)

Life Expectancy: 40,000 Hours at 60°C (L10)

Frame Material: Plastic (UL94V-0)

Impeller Material: Plastic (UL94V-0)

Operating Temperature: -10°C to +70°C

Storage Temperature: -30°C to +70°C

Protection: Locked Rotor Protection, Reverse Polarity Protection

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

Insulation Resistance: 10 MΩ or more at 500 VDC

The 9AH0612P4G15 is engineered for critical industrial and IT infrastructure where reliability is paramount. Common deployment scenarios include cooling high-performance server racks, telecommunications switching equipment, and precision medical instrumentation. The high static pressure capability of the 9AH0612P4G15 ensures effective heat dissipation even in environments with high airflow impedance, such as power supply units and CNC control cabinets.

Supplemental Images

