

# 109L0624H402 Sanyo Denki 24VDC 60x60x25mm Long Life Axial Fan Datasheet



**Brand:** Sanyo Denki

**SKU:** [1005140542040](#)

**Category:** Axial & Centrifugal Fans

**Price:** **\$21.99**

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Product Page:

<https://www.equipspares.com/product/109l0624h402-sanyo-denki-24vdc-60x60x25mm-long-life-axial-fan>

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## Product Description

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The Sanyo Denki 109L0624H402 is a precision-engineered Axial Fan from the renowned San Ace 60L Long Life series, designed specifically for applications requiring extended operational durability and reliability. This unit distinguishes itself with a robust aluminum frame that enhances structural rigidity and thermal management, ensuring dimensional stability even under continuous thermal load. Powered by an efficient DC motor architecture and utilizing high-grade dual ball bearings, it minimizes internal friction and thermal impedance to achieve a significantly prolonged service life compared to standard plastic-framed alternatives. The aerodynamic impeller design optimizes airflow delivery while maintaining acoustic neutrality, making it an ideal solution for mission-critical industrial systems demanding high reliability and low maintenance intervals.

Model Number: 109L0624H402

Brand: Sanyo Denki

Series: San Ace 60L

Product Type: DC Axial Fan

Rated Voltage: 24 VDC

Voltage Range: 14.0 - 27.6 VDC

Rated Current: 0.06 A

Power Input: 1.44 W

Rated Speed: 4200 RPM

Bearing Type: Dual Ball Bearing

Max. Air Flow: 19.4 CFM (0.55 m<sup>3</sup>/min)

Max. Static Pressure: 4.0 mmH<sub>2</sub>O (39.2 Pa / 0.157 inH<sub>2</sub>O)

Dimensions: 60x60x25 mm

Frame Material: Aluminum

Impeller Material: Plastic (UL94V-1)

Weight: 130 g

Life Expectancy: 100,000 Hours at 60°C (L10)

Noise Level: 28 dB(A)

Termination: 2 Lead Wires (Red +, Black -)

Ingress Protection: Optional (Standard IP4X)

Operating Temperature: -10°C to +70°C

Storage Temperature: -30°C to +70°C

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

Protection: Locked Rotor Protection, Reverse Polarity Protection

The 109L0624H402 is engineered for critical industrial environments where component failure is not an option, such as telecommunications infrastructure and continuous-duty server racks. Its aluminum construction makes it particularly suitable for factory automation equipment and CNC machinery where vibration resistance and heat dissipation are paramount. Additionally, the 109L0624H402 serves effectively in medical instrumentation and power supply cooling units, providing consistent thermal regulation in enclosed spaces requiring long-term, maintenance-free operation.

## Supplemental Images

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