

# 109W0924H402 Sanyo Denki 24VDC 0.12A 92x92x25mm Axial Fan Datasheet



**Brand:** Sanyo Denki

**SKU:** [737640185253](#)

**Category:** Axial & Centrifugal Fans

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

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Product Page:

<https://www.equipspares.com/product/109w0924h402-sanyo-denki-24vdc-0-12a-92x92x25mm-axial-fan>

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## Product Description

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The Sanyo Denki 109W0924H402 is a robust DC axial fan from the renowned San Ace 92W series, specifically engineered for environments requiring superior ingress protection and structural rigidity. Utilizing advanced DC motor technology paired with a precision dual ball bearing architecture, this unit ensures consistent aerodynamic performance and minimal friction over an extended service life. The fan features a durable aluminum alloy frame which enhances thermal impedance management and provides exceptional resistance to mechanical stress. Designed with an IP55 rating, the 109W0924H402 offers reliable operation in the presence of dust and water jets, making it an ideal solution for critical thermal management systems where reliability is paramount.

Model Number: 109W0924H402

Brand: Sanyo Denki

Product Type: DC Axial Fan (San Ace 92W)

Rated Voltage: 24VDC

Voltage Range: 20.4 - 27.6 VDC

Rated Current: 0.12 A

Rated Input: 2.88 W

Rated Speed: 2900 RPM

Bearing Type: Dual Ball Bearing

Max. Air Flow: 46.6 CFM (1.32 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: 92 x 92 x 25 mm

Weight: 230 g

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

Ingress Protection: IP55 (Dust and Splash Proof)

Frame Material: Aluminum Alloy

Impeller Material: Plastic (UL94V-1)

Noise Level: 33 dB(A)

Operating Temperature: -20°C to +70°C

Storage Temperature: -30°C to +70°C

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

Motor Protection: Locked Rotor Burnout Protection, Reverse Polarity Protection

Termination: Lead Wires (Red +, Black -)

The 109W0924H402 is specifically designed for deployment in harsh industrial applications where exposure to moisture and particulate matter is a concern. Common integration scenarios include outdoor telecommunications cabinets, solar inverters, and industrial automation control panels requiring IP55 standards. The rugged aluminum construction of the 109W0924H402 also makes it suitable for CNC machinery and power supply units that demand high vibration resistance and long-term operational stability.

## Supplemental Images

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