

# 9A0924H4021 Sanyo Denki 24VDC 92x92x25mm Axial Fan Datasheet



**Brand:** Sanyo Denki

**SKU:** [968005862528](#)

**Category:** Axial & Centrifugal Fans

**Price:** **\$10.99**

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**E-mail:** [sales@equipspares.com](mailto:sales@equipspares.com)

**Web:** <https://www.equipspares.com>

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Product Page:

<https://www.equipspares.com/product/9a0924h4021-sanyo-denki-24vdc-92x92x25mm-axial-fan>

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## Product Description

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The Sanyo Denki 9A0924H4021 is a precision-engineered Axial Fan designed for critical thermal management in industrial electronics. Utilizing advanced DC motor technology coupled with a robust dual ball bearing architecture, this unit ensures minimal friction and extended operational longevity under continuous load. The aerodynamic impeller design optimizes airflow efficiency while maintaining a low thermal impedance profile, making it ideal for high-density component cooling. Constructed with structural rigidity in mind, the frame resists vibration, ensuring stable performance in demanding environments requiring consistent static pressure and reliable heat dissipation.

Model Number: 9A0924H4021

Brand: Sanyo Denki

Series: San Ace 92 (9A Type)

Product Type: DC Axial Fan

Rated Voltage: 24VDC

Voltage Range: 14.0 - 27.6 VDC

Rated Current: 0.11 A

Rated Power: 2.64 W

Rated Speed: 2850 RPM

Bearing Type: Dual Ball Bearing

Max. Air Flow: 51.2 CFM (1.45 m<sup>3</sup>/min)

Max. Static Pressure: 4.3 mmH<sub>2</sub>O (42.2 Pa / 0.169 inH<sub>2</sub>O)

Dimensions: 92x92x25 mm

Weight: 110 g

Noise Level: 32 dB(A)

Life Expectancy: 40,000 Hours @ 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

Termination: Lead Wires (Red +, Black -)

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

This high-reliability cooling solution is specifically engineered for integration into industrial automation systems, including variable frequency drives (inverters) and plasma cutting machinery where consistent thermal regulation is paramount. The 9A0924H4021 excels in server rack ventilation and telecommunications equipment, preventing thermal throttling in sensitive electronics. Additionally, the 9A0924H4021 is suitable for medical instrumentation and power supply units, offering a balance of airflow and static pressure required to overcome system impedance in compact enclosures.

## Supplemental Images

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