

# 9AH0912M4D10 Sanyo Denki 12VDC 92x92x25mm Axial Fan Datasheet



**Brand:** Sanyo Denki

**SKU:** [678395335731](#)

**Category:** Axial & Centrifugal Fans

**Price:** **\$16.99**

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Product Page:

<https://www.equipspares.com/product/9ah0912m4d10-sanyo-denki-12vdc-92x92x25mm-axial-fan>

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## Product Description

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The Sanyo Denki 9AH0912M4D10 is a precision-engineered DC Axial Fan from the renowned San Cooler 92 series, designed to deliver reliable thermal management in demanding industrial environments. This unit features a robust aluminum die-cast frame which significantly enhances structural rigidity and acts as a secondary heat sink, thereby lowering the overall thermal impedance of the system. Utilizing advanced dual ball bearing architecture, the fan ensures consistent rotational stability and extended operational longevity, even under continuous duty cycles. The aerodynamic impeller design is optimized to balance airflow against static pressure, providing efficient cooling with minimal acoustic resonance. The 9AH0912M4D10 integrates a locked rotor sensor for critical system monitoring, making it an ideal solution for applications requiring high reliability and durability.

Model Number: 9AH0912M4D10

Brand: Sanyo Denki

Product Series: San Cooler 92 (9AH Type)

Product Type: DC Axial Fan

Rated Voltage: 12V DC

Voltage Range: 10.2 - 13.8 VDC

Rated Current: 0.08 A

Rated Power: 0.96 W

Rated Speed: 1750 RPM

Bearing Type: Dual Ball Bearing

Max. Air Flow: 26.5 CFM (0.75 m<sup>3</sup>/min)

Max. Static Pressure: 1.63 mmH<sub>2</sub>O (16 Pa / 0.06 inH<sub>2</sub>O)

Dimensions: 92mm x 92mm x 25mm

Weight: 150 g

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

Noise Level: 19 dB(A)

Frame Material: Aluminum Die-cast

Impeller Material: Plastic (Flammability: UL94V-1)

Termination: 3-Wire Lead (Red +, Black -, Yellow Sensor)

Sensor Type: Locked Rotor Sensor (D-Speed)

Operating Temperature: -10°C to +70°C

Storage Temperature: -30°C to +70°C

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

Protection: Locked Rotor Protection, Reverse Polarity Protection

Certifications: UL, CSA, TUV, RoHS Compliant

The 9AH0912M4D10 is engineered for integration into sensitive electronic enclosures where vibration dampening and long-term reliability are paramount. Common deployment scenarios include medical instrumentation, precision power supplies, and industrial automation control cabinets. The aluminum frame of the 9AH0912M4D10 makes it particularly suitable for environments where electromagnetic interference (EMI) shielding and mechanical robustness are required, ensuring critical components remain within safe operating temperature ranges.

## Supplemental Images

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