

9RA1224G4001 Sanyo Denki 24VDC 130CFM 120x120x25mm Axial Fan Datasheet



Brand: Sanyo Denki

SKU: [890789271294](#)

Category: Axial & Centrifugal Fans

Price: **\$110.57**

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Product Page:

<https://www.equipspares.com/product/9ra1224g4001-sanyo-denki-24vdc-130cfm-120x120x25mm-axial-fan>

Product Description

Sanyo Denki 9RA1224G4001 is a 120 x 120 x 25 mm axial fan operating at a nominal 24 VDC with a 6.72 W power consumption and a high-volume airflow of 130 CFM. The unit features a plastic frame and impeller construction with a ribbed housing design for structural integrity. It utilizes a brushless DC motor with a pulse sensor for speed monitoring, delivering a static pressure of 120 Pa at a rotational speed of 4500 RPM. The internal mechanism is designed for long-term reliability, offering an expected life of 60 000 hours at 60 °C while maintaining a sound pressure level of 47 dB(A).

9RA1224G4001 Specifications

Model Number: 9RA1224G4001

Brand: Sanyo Denki

Series: San Ace 120 9RA

Frame Size: 120 mm

Frame Thickness: 25 mm

Rated Voltage: 24 VDC

Operating Voltage Range: 14 to 27.6 VDC

Rated Current: 0.28 A

Rated Input: 6.72 W

Rated Speed: 4500 RPM

Max Airflow: 3.68 m³/min

Max Airflow: 130 CFM

Max Static Pressure: 120 Pa

Max Static Pressure: 0.48 inchH₂O

Sound Pressure Level: 47 dB(A)

Operating Temperature: -20 to +70 °C

Expected Life: 60 000 hours at 60 °C

Expected Life: 90 000 hours at 40 °C

Mass: 210 g

Sensor Type: Pulse Sensor

Frame Material: Plastic (UL 94V-0)

Impeller Material: Plastic (UL 94V-1)

Bearing Type: Dual Ball Bearing

Ribbed: Yes

9RA1224G4001 Applications

Primary applications include integration into medical diagnostic equipment, professional audio-visual racks, and telecommunications server enclosures. Deployed within industrial power supplies and automated control panels to provide high-efficiency thermal management for heat-sensitive electronic components.

Supplemental Images

