

9G1224H1021 Sanyo Denki 24VDC 120x120x38mm Axial Fan Datasheet



Brand: Sanyo Denki

SKU: [968692565315](#)

Category: Axial & Centrifugal Fans

Price: **\$21.99**

E-mail: sales@equipspares.com

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Product Page:

<https://www.equipspares.com/product/9g1224h1021-sanyo-denki-24vdc-120x120x38mm-axial-fan>

Product Description

The Sanyo Denki 9G1224H1021 is a precision-engineered DC axial fan designed for critical thermal management in industrial environments. Utilizing a robust brushless DC motor architecture paired with a dual ball bearing system, this unit ensures exceptional longevity and reduced frictional heat generation. The aerodynamic impeller design optimizes airflow dynamics to minimize turbulence while maintaining consistent static pressure, making it ideal for overcoming high thermal impedance in densely packed enclosures. Constructed with structural rigidity in mind, the frame resists vibrational stress, ensuring reliable operation under continuous duty cycles.

Model Number: 9G1224H1021

Brand: Sanyo Denki

Product Series: San Ace 120 (9G Type)

Product Type: DC Axial Fan

Rated Voltage: 24VDC

Voltage Range: 14.0 - 27.6 VDC

Rated Current: 0.22 A

Input Power: 5.28 W

Rated Speed: 2850 RPM

Bearing Type: Dual Ball Bearing

Max. Air Flow: 88.0 CFM (149.5 m³/h / 2.49 m³/min)

Max. Static Pressure: 6.4 mmH₂O (62.7 Pa / 0.25 inH₂O)

Dimensions: 120x120x38 mm

Weight: 290 g

Noise Level: 40 dB(A)

Life Expectancy: 40,000 Hours @ 60°C

Frame Material: Plastics (UL94V-0)

Impeller Material: Plastics (UL94V-0)

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

Operating Temperature: -10 to +70°C

Storage Temperature: -30 to +70°C

Ingress Protection: IP40

Insulation Resistance: 10MΩ at 500VDC

Dielectric Strength: 500VAC for 1 Minute

Protection: Locked Rotor Protection, Reverse Polarity Protection

The 9G1224H1021 is engineered for demanding applications requiring sustained airflow and reliability. It is frequently deployed in plasma display cooling systems, industrial automation control cabinets, and server rack ventilation where consistent thermal dissipation is critical. The 9G1224H1021 also serves effectively in telecommunications equipment and medical instrumentation, providing necessary cooling to sensitive electronic components to prevent thermal throttling and extend hardware lifespan.

Supplemental Images

