

9WFA0924G2001 Sanyo Denki 24VDC 92x92x32mm Axial Fan Datasheet



Brand: Sanyo Denki

SKU: [862847993245](#)

Category: Axial & Centrifugal Fans

Price: **\$126.99**

E-mail: sales@equipspares.com

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

Product Page:

<https://www.equipspares.com/product/9wfa0924g2001-sanyo-denki-24vdc-92x92x32mm-axial-fan>

Product Description

The Sanyo Denki 9WFA0924G2001 is a specialized Axial Fan designed for harsh industrial environments, specifically engineered to withstand oil mist and airborne contaminants. Part of the San Ace 92WF series, this unit utilizes a robust 24VDC motor architecture to deliver high-performance cooling with a rotational speed of 9600 RPM. The fan features an aerodynamic impeller housed in a UL 94V-0 rated plastic frame, ensuring structural rigidity and fire resistance. With a high static pressure capability of 380 Pa and significant airflow of 109.5 CFM, it effectively manages thermal impedance in densely packed electronics. The design incorporates advanced bearing technology and protection mechanisms, making it a reliable solution for critical machinery requiring consistent thermal regulation.

Model Number: 9WFA0924G2001

Brand: Sanyo Denki

Product Type: Axial Fan (Oil Mist Proof)

Rated Voltage: 24 VDC

Voltage Range: 12 - 27.6 V

Rated Current: 0.58 A

Power: 13.9 W

Rated Speed: 9600 RPM

Bearing Type: Ball Bearing

Max. Air Flow: 109.5 CFM (186.0 m³/h / 3.10 m³/min)

Max. Static Pressure: 38.75 mmH₂O (380 Pa / 1.52 inH₂O)

Dimensions: 92x92x32mm

Weight: 205 G

Life Expectancy: L10 (90% Survival Rate)

Noise Level: 63 dB

Operating Temperature: -20 to +70°C

Features: Oil Mist Proof, Pulse Sensor

Material: Plastic (UL 94V-0)

The 9WFA0924G2001 is primarily utilized in industrial automation and machining equipment where cutting fluids and oil mists are prevalent. Its oil-proof construction makes it ideal for cooling CNC machine controllers, servo amplifiers, and industrial inverters located on factory floors. Additionally, the 9WFA0924G2001 is suitable for outdoor telecommunications cabinets and solar power inverters that require robust protection against environmental factors while maintaining high airflow and static pressure to overcome system resistance.