

9WV1224P1H003 Sanyo Denki 24VDC 120mm IP68 Axial Fan Datasheet



Brand: Sanyo Denki

SKU: [918533634275](#)

Category: Axial & Centrifugal Fans

Price: **\$42.99**

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Product Description

The Sanyo Denki 9WV1224P1H003 is a robust Axial Fan designed for harsh industrial environments, belonging to the renowned San Ace 120W series. Engineered with a highly efficient DC motor and precision dual ball bearing architecture, this unit ensures exceptional longevity and reduced thermal impedance under continuous operation. The fan features an IP68 ingress protection rating, offering superior resistance against water jets and dust infiltration, making it ideal for outdoor or contaminated settings. Its aerodynamic impeller design optimizes airflow while maintaining structural rigidity, delivering reliable cooling performance where standard fans fail.

Model Number: 9WV1224P1H003

Brand: Sanyo Denki

Product Type: DC Axial Fan

Series: San Ace 120W

Rated Voltage: 24VDC

Voltage Range: 14.0 - 27.6 VDC

Rated Current: 0.8 A

Rated Power: 19.2 W

Rated Speed: 3600 RPM

Bearing Type: Dual Ball Bearing

Max. Air Flow: 128 CFM (3.62 m³/min)

Max. Static Pressure: 14.5 mmH₂O (142 Pa / 0.57 inH₂O)

Dimensions: 120 x 120 x 38 mm

Weight: 460 g

Ingress Protection: IP68 (Water/Dust Proof)

Noise Level: 48 dB(A)

Frame Material: Aluminum Die-cast

Impeller Material: Plastic (UL94V-1)

Termination: 4-Wire Leads

Speed Control: PWM (Pulse Width Modulation)

Operating Temperature: -25°C to +70°C

Storage Temperature: -30°C to +70°C

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

Safety Protection: Current Blocking Function, Reverse Polarity Protection

Mounting Orientation: Any

Designed for demanding applications, the 9WV1224P1H003 excels in environments requiring stringent water and dust resistance. Common deployments include outdoor telecommunications cabinets, solar power inverters, and industrial automation equipment exposed to the elements. The 9WV1224P1H003 is also frequently utilized in CNC machinery and large-scale LED signage cooling, where reliability under ingress stress is critical for system longevity.

Supplemental Images

