

# YY9225M24B SNOWFAN 24VDC 92x92x25mm Inverter Cooling Axial Fan Datasheet



**Brand:** SNOWFAN

**SKU:** [897212115344](#)

**Category:** Axial & Centrifugal Fans

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

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Product Page:

<https://www.equipspares.com/product/yy9225m24b-snowfan-24vdc-92x92x25mm-inverter-cooling-axial-fan>

## Product Description

The SNOWFAN YY9225M24B is a precision-engineered DC axial fan designed for demanding industrial thermal management applications. Utilizing advanced ball bearing architecture, this unit ensures long-term operational stability and reduced frictional coefficients under continuous load. The aerodynamic impeller profile is optimized to maximize static pressure while maintaining efficient airflow delivery, effectively mitigating thermal impedance in high-density electronic enclosures. Engineered with a robust thermoplastic housing, the YY9225M24B provides structural rigidity and reliable performance, making it an ideal solution for critical cooling requirements in power electronics and automation systems.

Model Number: YY9225M24B

Brand: SNOWFAN

Product Type: DC Axial Fan

Rated Voltage: 24VDC

Voltage Range: 14.0 - 27.6 VDC

Rated Current: 0.60 A

Power Input: 14.4 W

Rated Speed: 4500 RPM

Bearing Type: Dual Ball Bearing

Max. Air Flow: 95.0 CFM (161.4 m<sup>3</sup>/h / 2.69 m<sup>3</sup>/min)  
Max. Static Pressure: 11.5 mmH<sub>2</sub>O (112.7 Pa / 0.45 inH<sub>2</sub>O)  
Dimensions: 92 x 92 x 25 mm  
Weight: 110 g  
Life Expectancy: 50,000 Hours at 40°C  
Noise Level: 48.5 dBA  
Housing Material: PBT Thermoplastic (UL94V-0)  
Impeller Material: PBT Thermoplastic (UL94V-0)  
Termination: 2-Wire Lead (Red/Black)  
Operating Temperature: -10°C to +70°C  
Storage Temperature: -40°C to +70°C  
Ingress Protection: IP20  
Insulation Resistance: >10M Ohm at 500VDC  
Dielectric Strength: 500VAC for 1 Minute  
Safety Certifications: CE, UL, TUV

This high-performance cooling solution is specifically engineered for integration into industrial power systems, including the Inovance inverter series and heavy-duty welding machines. The YY9225M24B excels in environments requiring rapid heat dissipation, such as server racks, telecommunications cabinets, and CNC control panels. By maintaining optimal operating temperatures, the YY9225M24B ensures the longevity and reliability of sensitive electronic components within variable frequency drives and power inverters.

## Supplemental Images

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