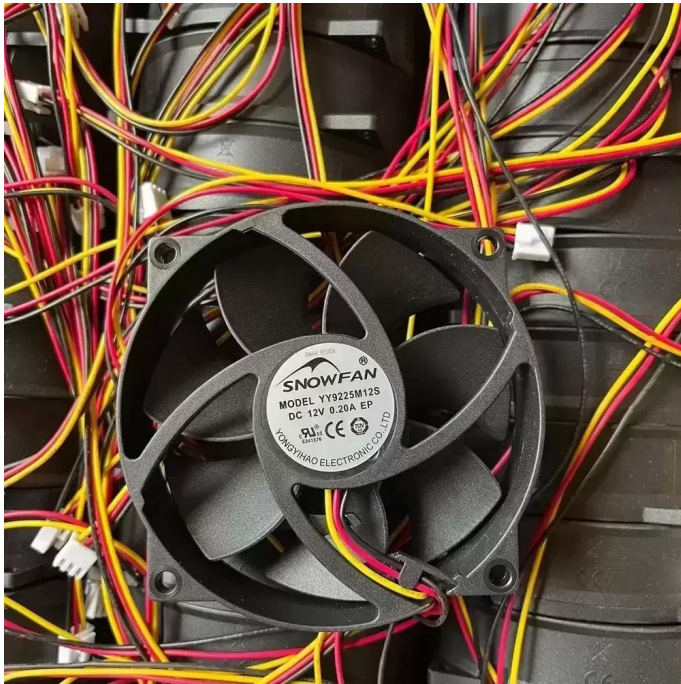


# YY9225M12S SNOWFAN 12VDC 92x92x25mm Hydraulic Bearing Axial Fan Datasheet



**Brand:** SNOWFAN

**SKU:** [960428227879](#)

**Category:** Axial & Centrifugal Fans

**Price:** **\$12.99**

**E-mail:** [sales@equipspares.com](mailto:sales@equipspares.com)

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

Product Page:

<https://www.equipspares.com/product/yy9225m12s-snowfan-12vdc-92x92x25mm-hydraulic-bearing-axial-fan>

## Product Description

The SNOWFAN YY9225M12S is a precision-engineered Axial Fan designed for efficient thermal management in electronic enclosures and computing hardware. Utilizing advanced DC motor technology paired with a durable Hydraulic Bearing system, this unit optimizes rotational stability while minimizing friction-induced noise and vibration. The impeller and frame are constructed from environmentally friendly, flame-retardant PBT plastic (UL 94V-0), ensuring high structural rigidity and resistance to deformation under thermal stress. With a balanced aerodynamic profile, the YY9225M12S delivers consistent airflow to lower thermal impedance in critical components, making it a reliable solution for continuous operation in diverse industrial and consumer environments.

Model Number: YY9225M12S

Brand: SNOWFAN

Product Type: Axial Fan

Rated Voltage: 12VDC

Voltage Range: 7.0 - 13.5 VDC

Start Voltage:  $\leq 7$  VDC

Rated Current: 0.20 A  $\pm 10\%$

Power Consumption: 2.4 W

Rated Speed: 2800 RPM  $\pm 10\%$

Bearing Type: Hydraulic Bearing

Max. Air Flow: 41 CFM (69.66 m<sup>3</sup>/h)

Max. Static Pressure: 3.12 mmH<sub>2</sub>O (30.6 Pa / 0.12 inH<sub>2</sub>O)

Noise Level: 31 dB-A

Dimensions: 92 x 92 x 25 mm

Housing Material: PBT Plastic UL 94V-0

Blade Material: PBT Plastic UL 94V-0

Operating Temperature: -10 to +60 °C

Operating Humidity: 5% to 95% RH

Life Expectancy: 30,000 Hours (at 40°C)

Termination: 2 Wire (Red +, Black -)

Wire Length: 320 mm

Connector: 2.54 Terminal (Compatible with 3-pin headers)

Reverse Polarity Protection: None

Locked Rotor Protection: None

This cooling solution is specifically engineered for integration into computer hardware systems, including motherboard CPU coolers and chassis ventilation setups. The YY9225M12S provides essential airflow for maintaining optimal operating temperatures in server racks, desktop workstations, and custom PC builds. Additionally, the YY9225M12S is suitable for power supply units, small-scale industrial automation cabinets, and telecommunications equipment where reliable heat dissipation is required to prevent component throttling or failure.

## Supplemental Images

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