

YY9225H12S SNOWFAN 12VDC 92x92x25mm Sleeve Bearing Axial Fan Datasheet



Brand: SNOWFAN

SKU: 989884222003

Category: Axial & Centrifugal Fans

Price: \$21.99

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Product Page:

<https://www.equipspares.com/product/yy9225h12s-snowfan-12vdc-92x92x25mm-sleeve-bearing-axial-fan>

Product Description

The SNOWFAN YY9225H12S is a precision-engineered DC Axial Fan designed for efficient thermal management in electronic assemblies and computing hardware. Utilizing a durable sleeve bearing architecture, this unit optimizes rotational stability while minimizing frictional noise profiles during operation. The aerodynamic impeller geometry is calibrated to deliver high static pressure, effectively overcoming thermal impedance in dense heatsink applications. Constructed with high-grade thermoplastic, the frame ensures structural rigidity under continuous operation, making it a reliable component for maintaining optimal operating temperatures in OEM systems and industrial environments.

Model Number: YY9225H12S

Brand: SNOWFAN (YongYi)

Product Type: DC Axial Fan

Rated Voltage: 12VDC

Voltage Range: 7.0 - 13.8 VDC

Rated Current: 0.35 A

Power Consumption: 4.2 W

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

Bearing Type: Sleeve Bearing

Max. Air Flow: 55.4 CFM (94.1 m³/h / 1.57 m³/min)

Max. Static Pressure: 3.8 mmH₂O (37.2 Pa / 0.15 inH₂O)

Dimensions: 92 x 92 x 25 mm

Mounting Hole Distance: 75 mm (Specific to OEM Heatsink Application)

Weight: 95 g

Life Expectancy: 30,000 Hours at 25°C

Noise Level: 34.0 dBA

Housing Material: PBT Thermoplastic (UL94V-0)

Blade Material: PBT Thermoplastic (UL94V-0)

Termination: Lead Wires with Connector

Operating Temperature: -10°C to +70°C

Storage Temperature: -40°C to +70°C

Ingress Protection: IP20

Safety Certifications: CE, RoHS

The YY9225H12S is specifically engineered for integration into computing hardware, serving as a primary cooling solution for CPU heatsinks requiring a specific 75mm mounting hole distance. Beyond desktop computing, the YY9225H12S is frequently utilized in compact server chassis, industrial power supply units, and telecommunications enclosures where reliable airflow is critical. Its form factor allows for seamless replacement in legacy Tsinghua Tongfang systems and other OEM equipment requiring precise thermal regulation and specific mounting configurations.

Supplemental Images

