

RD9225S24SH RUNDA 24VDC 92x92x25mm Inverter Axial Fan Datasheet



Brand: Runda

SKU: 984396468353

Category: Axial & Centrifugal Fans

Price: \$12.99

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Product Page:

<https://www.equipspares.com/product/rd9225s24sh-runda-24vdc-92x92x25mm-inverter-axial-fan>

Product Description

RUNDA RD9225S24SH is a 24VDC 92x92x25mm Axial Fan optimized for high-demand thermal management in industrial power electronics. Featuring a robust DC motor architecture and precision-engineered sleeve bearings, this unit minimizes thermal impedance in confined enclosures. The structural rigidity of the UL94V-0 plastic housing ensures stability at a rated speed of 3200 RPM. Drawing 0.25A, it delivers significant static pressure to overcome internal resistance in compact inverter modules. Its aerodynamic blade profile is designed for continuous duty cycles, providing reliable heat dissipation for critical components.

Model Number: RD9225S24SH

Brand: RUNDA

Product Type: Axial Fan

Rated Voltage: 24VDC

Voltage Range: 14.0 - 27.6 VDC

Rated Current: 0.25A

Power: 6.0W

Rated Speed: 3200 RPM

Bearing Type: Sleeve Bearing

Max. Air Flow: 55.0 CFM (93.4 m³/h)

Max. Static Pressure: 4.80 mmH₂O (47.1 Pa)

Dimensions: 92x92x25mm

Weight: 95g

Life Expectancy: 30,000 Hours at 40°C

Noise Level: 38.0 dBA

Housing Material: UL94V-0 PBT Plastic

Blade Material: UL94V-0 PBT Plastic

Termination: 2 Lead Wires

Operating Temperature: -10°C to +70°C

Storage Temperature: -40°C to +75°C

Protection Features: Polarity Protection, Impedance Protected

Certifications: CE, RoHS, UL

RD9225S24SH Applications

1. VFD Control Cabinets: High static pressure allows for efficient heat extraction through dense filter media and internal heat sinks.
2. Industrial Inverter Modules: Compact 92mm form factor serves as a direct replacement fan for power conversion units requiring consistent airflow to prevent thermal throttling.
3. Uninterruptible Power Supplies (UPS): Low-vibration operation ensures long-term reliability in battery backup systems where structural integrity is paramount.

Supplemental Images

