

# R248025SU Everflow 24VDC 80x80x25mm Hydraulic Axial Fan Datasheet



**Brand:** Everflow

**SKU:** 968214731974

**Category:** Axial & Centrifugal Fans

**Price:** \$7.99

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Product Page:

<https://www.equipspares.com/product/r248025su-everflow-24vdc-80x80x25mm-hydraulic-axial-fan>

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## Product Description

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The Everflow R248025SU is a precision-engineered DC axial fan designed for critical thermal management in industrial environments. Featuring advanced hydraulic bearing architecture, this unit minimizes friction while maintaining structural rigidity under continuous operation. The aerodynamic impeller design optimizes airflow efficiency, significantly reducing thermal impedance within high-density enclosures. Engineered for reliability, the R248025SU ensures stable performance and effective heat dissipation for sensitive electronic components, making it an ideal solution for systems requiring a balance between static pressure and volumetric flow.

Model Number: R248025SU

Brand: Everflow

Product Type: DC Axial Fan

Rated Voltage: 24VDC

Voltage Range: 14.0 - 27.6 VDC

Rated Current: 0.21 A

Input Power: 5.04 W

Rated Speed: 3800 RPM

Bearing Type: Hydraulic

Max. Air Flow: 48.5 CFM (82.4 m<sup>3</sup>/h / 1.37 m<sup>3</sup>/min)

Max. Static Pressure: 5.8 mmH<sub>2</sub>O (56.8 Pa / 0.23 inH<sub>2</sub>O)

Dimensions: 80x80x25mm

Weight: 86 g

Life Expectancy: 40,000 Hours @ 40°C

Termination: 2-Wire Lead

Housing Material: PBT (UL94V-0)

Blade Material: PBT (UL94V-0)

Operating Temperature: -10°C to +70°C

Storage Temperature: -40°C to +70°C

Noise Level: 39.0 dB(A)

Ingress Protection: IP20

Mounting Orientation: Any

This cooling solution is specifically calibrated for deployment in industrial inverters and control cabinets where consistent airflow is mandatory. The R248025SU excels in maintaining optimal operating temperatures for variable frequency drives and server racks, preventing thermal throttling. Integrators frequently utilize the R248025SU in CNC machinery and industrial PC power supply units, relying on its robust construction to withstand the rigors of continuous industrial duty cycles.

## Supplemental Images

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