

# DAZD1225R2U-P0FF AVC 12VDC 0.50A 120x120x25mm Axial Fan Datasheet



**Brand:** AVC

**SKU:** [737947140935](#)

**Category:** Axial & Centrifugal Fans

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

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Product Page:

<https://www.equipspares.com/product/dazd1225r2u-p0ff-avc-12vdc-0-50a-120x120x25mm-axial-fan>

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## Product Description

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The AVC DAZD1225R2U-P0FF is a precision-engineered Axial Fan designed for demanding thermal management applications requiring optimized airflow dynamics. Utilizing advanced DC brushless motor technology, this unit minimizes thermal impedance while maintaining exceptional structural rigidity under high-load operations. The aerodynamic blade geometry is calibrated to deliver superior static pressure and volumetric flow, ensuring efficient heat dissipation in dense electronic enclosures. Engineered with a robust bearing architecture, the DAZD1225R2U-P0FF ensures operational longevity and stability, making it a critical component for maintaining system integrity in industrial and computing environments.

Model Number: DAZD1225R2U-P0FF

Brand: AVC (Asia Vital Components)

Product Type: Axial Fan

Rated Voltage: 12 VDC

Voltage Range: 7.0 - 13.8 VDC

Rated Current: 0.50 A

Power: 6.00 W

Rated Speed: 3000 RPM

Bearing Type: Hydraulic Bearing

Max. Air Flow: 98.50 CFM (167.35 m<sup>3</sup>/h / 2.79 m<sup>3</sup>/min)

Max. Static Pressure: 6.80 mmH<sub>2</sub>O (66.68 Pa / 0.27 inH<sub>2</sub>O)

Dimensions: 120 x 120 x 25 mm

Weight: 165 g

Life Expectancy: 60,000 Hours @ 40°C

Speed Control: PWM (Pulse Width Modulation)

Ingress Protection: IP54

Noise Level: 42.0 dBA

Housing Material: PBT Synthetic Resin (UL94V-0)

Blade Material: PBT Synthetic Resin (UL94V-0)

Termination: 4-Wire Lead with Connector

Operating Temperature: -10°C to +70°C

Storage Temperature: -40°C to +70°C

Mounting Orientation: Any

Certifications: CE, UL, TUV, RoHS

Protection: Locked Rotor Protection, Reverse Polarity Protection

This high-efficiency cooling solution is specifically deployed within enterprise server racks, high-performance workstations, and industrial automation control panels where reliable thermal regulation is paramount. The DAZD1225R2U-P0FF excels in environments requiring sustained air exchange to prevent component throttling. Additionally, the DAZD1225R2U-P0FF is frequently integrated into telecommunications equipment and power supply units, providing the necessary airflow to safeguard sensitive electronics from heat-induced degradation.

## Supplemental Images

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