

C8025S24UA AVC 24VDC 0.3A 80x80x25mm Axial Fan Datasheet



Brand: AVC

SKU: [1042356419299](#)

Category: Axial & Centrifugal Fans

Price: **\$13.43**

E-mail: sales@equipspares.com

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

Product Page: <https://www.equipspares.com/product/c8025s24ua-avc-24vdc-0-3a-80x80x25mm-axial-fan>

Product Description

AVC C8025S24UA is an 80 x 80 x 25 mm DC axial fan operating at a nominal 24 VDC with a 0.3 A current rating. The unit is constructed with a high-durability thermoplastic PBT frame and a seven-blade impeller, both meeting UL 94V-0 flammability standards. It utilizes a precision-engineered sleeve bearing system and a brushless DC motor to ensure stable rotational performance. The electrical interface consists of a 2-wire lead configuration for direct power connection. The internal rotor is balanced to minimize vibration during high-speed operation, providing consistent static pressure and volumetric airflow for thermal management.

C8025S24UA Specifications

Model: C8025S24UA

Brand: AVC (Asia Vital Components)

Dimensions: 80 x 80 x 25 mm

Rated Voltage: 24 VDC

Operating Voltage Range: 14.0 to 27.6 VDC

Rated Current: 0.3 A

Input Power: 7.2 W

Rated Speed: 4500 RPM

Maximum Airflow: 45.0 CFM

Maximum Static Pressure: 5.8 mmH₂O

Noise Level: 38.0 dB(A)

Bearing Type: Sleeve Bearing

Frame Material: Thermoplastic PBT (UL 94V-0)

Impeller Material: Thermoplastic PBT (UL 94V-0)

Termination: 2-wire lead wires (Red/Black)

Motor Type: Brushless DC

Operating Temperature: -10 to +70 °C

Storage Temperature: -40 to +75 °C

Weight: 85 g

C8025S24UA Applications

Primary applications include integration into industrial frequency inverters, server chassis enclosures, and telecommunications power supply modules. Deployed within CNC machine control cabinets and automated manufacturing equipment for localized thermal management of high-density electronic components.

Supplemental Images

