

DA08025B48H-S046 AVC 48VDC 80x80x25mm Axial Fan Datasheet



Brand: AVC

SKU: [1017796920118](#)

Category: Axial & Centrifugal Fans

Price: **\$17.99**

E-mail: sales@equipspares.com

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Product Page:

<https://www.equipspares.com/product/da08025b48h-s046-avc-48vdc-80x80x25mm-axial-fan>

Product Description

The AVC DA08025B48H-S046 is a precision-engineered DC axial fan designed for critical thermal management in high-density industrial environments. Utilizing advanced brushless DC motor technology paired with a robust dual ball bearing architecture, this unit ensures minimal friction and extended operational longevity under continuous load. The aerodynamic impeller design optimizes static pressure capabilities while maintaining efficient airflow throughput, effectively reducing thermal impedance within enclosed chassis. Constructed with structural rigidity in mind, the frame resists vibration-induced resonance, making it an ideal solution for systems requiring reliable heat dissipation and stable performance metrics over extended lifecycles.

Model Number: DA08025B48H-S046

Brand: AVC (Asia Vital Components)

Product Type: DC Axial Fan

Rated Voltage: 48 VDC

Voltage Range: 28.0 - 56.0 VDC

Rated Current: 0.09 A

Power: 4.32 W

Rated Speed: 3600 RPM

Bearing Type: Dual Ball Bearing

Max. Air Flow: 42.0 CFM (71.36 m³/h / 1.19 m³/min)

Max. Static Pressure: 5.60 mmH₂O (54.92 Pa / 0.22 inH₂O)

Dimensions: 80 x 80 x 25 mm

Weight: 80 g

Life Expectancy: 70,000 Hours at 40°C

Noise Level: 36.0 dBA

Housing Material: PBT (UL94V-0)

Blade Material: PBT (UL94V-0)

Termination: 2-Wire Lead

Operating Temperature: -10°C to +70°C

Storage Temperature: -40°C to +70°C

Safety Approvals: CE, UL, TUV

Designed for versatility in industrial cooling, the DA08025B48H-S046 excels in maintaining optimal operating temperatures for server racks and telecommunication cabinets. Its high-voltage profile makes it particularly suitable for 48V telecom power systems and industrial control units where consistent airflow is paramount. Engineers frequently deploy the DA08025B48H-S046 in CNC machinery electronics and medical instrumentation, ensuring that sensitive components remain within safe thermal limits during continuous operation.

Supplemental Images

