

AFB0724HH-A Delta 24VDC 70x70x25mm Inverter Axial Fan Datasheet



Brand: Delta

SKU: [691862955252](#)

Category: Axial & Centrifugal Fans

Price: **\$14.99**

E-mail: sales@equipspares.com

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Product Page:

<https://www.equipspares.com/product/afb0724hh-a-delta-24vdc-70x70x25mm-inverter-axial-fan>

Product Description

The Delta AFB0724HH-A is a specialized DC Axial Fan engineered for critical industrial thermal management applications. Integrating a robust DC brushless motor with a precision dual ball bearing architecture, this unit is designed to minimize frictional coefficient and optimize thermal impedance over extended operational lifecycles. The aerodynamic impeller geometry is calculated to deliver high static pressure while maintaining structural rigidity, ensuring consistent airflow in high-vibration environments. The housing utilizes UL94V-0 rated thermoplastic, providing essential flame resistance and durability for demanding electromechanical integrations.

Model Number: AFB0724HH-A

Brand: Delta Electronics

Product Type: DC Axial Fan

Rated Voltage: 24VDC

Voltage Range: 14.0 - 27.6 VDC

Rated Current: 0.22 A

Input Power: 5.28 W

Rated Speed: 5000 RPM

Bearing Type: Dual Ball Bearing

Max. Air Flow: 45.18 CFM (76.7 m³/h / 1.28 m³/min)

Max. Static Pressure: 7.50 mmH₂O (73.5 Pa / 0.29 inH₂O)

Dimensions: 70 x 70 x 25.4 mm

Weight: 90 g

Life Expectancy: 70,000 Hours at 40°C

Noise Level: 41.0 dBA

Speed Control: Optional Tachometer/PWM

Ingress Protection: IP Ratings Available

Insulation Class: Class A

Housing Material: Plastic (PBT) UL94V-0

Impeller Material: Plastic (PBT) UL94V-0

Termination: 2 or 3 Lead Wires

Operating Temperature: -10°C to +70°C

Storage Temperature: -40°C to +75°C

Motor Protection: Polarity Protection, Locked Rotor Protection

Certifications: UL, cUL, TUV, VDE, CE

Designed specifically for high-density electronic enclosures, the AFB0724HH-A provides reliable active cooling for variable frequency drives (VFDs) and industrial inverter systems. Its compact 70mm footprint allows for seamless integration into server rack chassis and automation control cabinets where space is at a premium. The AFB0724HH-A effectively mitigates heat buildup in power supply units and telecommunication equipment, ensuring component longevity and preventing thermal throttling in continuous-duty manufacturing environments.

Supplemental Images

