

BFB0712H-A Delta 12VDC 75x75x30mm Blower Fan Datasheet



Brand: Delta

SKU: [772633807407](#)

Category: Axial & Centrifugal Fans

Price: **\$16.99**

E-mail: sales@equipspares.com

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

Product Page: <https://www.equipspares.com/product/bfb0712h-a-delta-12vdc-75x75x30mm-blower-fan>

Product Description

The Delta BFB0712H-A is a Centrifugal Blower designed for applications requiring high static pressure and directed airflow within compact enclosures. Engineered with a high-efficiency DC brushless motor and a precision dual ball bearing architecture, this unit ensures long-term reliability and reduced thermal impedance. The aerodynamic scroll housing is constructed to optimize air intake and exhaust velocity, providing structural rigidity and consistent performance under significant back pressure. Its robust design makes it an ideal solution for industrial cooling scenarios where space is limited but high-velocity air delivery is critical for effective thermal management.

Model Number: BFB0712H-A

Brand: Delta Electronics

Product Type: Centrifugal Blower

Rated Voltage: 12 VDC

Voltage Range: 7.0 - 13.8 VDC

Rated Current: 0.33 A

Power: 3.96 W

Rated Speed: 2900 RPM

Bearing Type: Dual Ball Bearing

Max. Air Flow: 11.3 CFM (19.2 m³/h / 0.32 m³/min)

Max. Static Pressure: 12.0 mmH₂O (117.6 Pa / 0.47 inH₂O)

Dimensions: 75 x 75 x 30 mm

Weight: 90 g

Life Expectancy: 50,000 Hours at 40°C

Noise Level: 38.0 dB-A

Housing Material: PBT Plastic (UL 94V-0)

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

Termination: 2-Wire Leads (Red/Black)

Operating Temperature: -10°C to +70°C

Storage Temperature: -40°C to +75°C

Ingress Protection: IP40

Safety Certifications: UL, cUL, TUV, CE

This blower is frequently utilized in compact electronic enclosures, rack-mount servers, and projector cooling systems where concentrated airflow is necessary to overcome system resistance. The BFB0712H-A excels in 3D printer part cooling and industrial automation equipment, effectively dissipating heat from critical components like heatsinks and power supplies. Integrators rely on the BFB0712H-A for its balance of size, pressure generation, and durability in continuous operation environments.

Supplemental Images

