

BFB0712HB-8B77 Delta 12V 0.47A blower centrifugal fan

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Price: \$9.99

Categories: Fans

Tags: Delta

Product Link:

<https://www.electspares.com/product/bfb0712hb-8b77-delta-12v-0-47a-blower-centrifugal-fan/>

Product Description

BFB0712HB-8B77 Delta 12V 0.47A blower centrifugal fan

Model Number: BFB0712HB-8B77

Manufacturer: Delta Electronics

Fan Type: DC Blower / Centrifugal Fan

Dimensions (L x H x W): 70 mm x 70 mm x 15 mm (Often referred to as 7015 size)

Rated Voltage: 12 VDC

Rated Current: 0.47 A

Input Power: 5.64 W (Calculated from 12V * 0.47A)

Wiring: 4 Lead Wires (Typically includes Positive, Negative, Pulse Sensor (Tachometer) output, and PWM Control input)

Bearing Type: Dual Ball Bearing (Delta's "Superflo" bearing system is often synonymous with double ball bearings)

Rotational Speed (RPM): Approximately 5500 RPM (Some sources indicate a very high RPM consistent with blower fans)

Maximum Airflow: Not consistently specified in common listings for this exact model. Blower fans focus more on static pressure.

Maximum Static Pressure: Not consistently specified in common listings for this exact model.

Noise Level: Not consistently specified in common listings for this exact model, but generally high for a high-RPM blower.

Frame Material: Plastic

Impeller (Blade) Material: Plastic

Sensor/Control: Pulse Sensor (Tachometer output for speed monitoring) and PWM Control (for speed regulation)

Protection Functions: Locked Rotor Burnout Protection, Reverse Polarity Protection (typical for

Delta DC fans)

Operating Temperature Range: Not consistently specified, but generally -10°C to +70°C for DC fans.

The Delta BFB0712HB-8B77 is a powerful and compact 70x70x15mm DC blower fan, designed by Delta Electronics for applications requiring high static pressure to effectively move air through restricted spaces. Operating on 12VDC with 0.47A current and 5.64W power, it features durable dual ball bearings (Superflo) and achieves a high rotational speed of approximately 5500 RPM. This fan typically comes with a 4-wire connection, providing both PWM control for speed regulation and a pulse sensor for real-time speed monitoring, along with essential locked rotor and reverse polarity protection, ensuring a long operational life of 80,000 hours in demanding environments like servers and compact electronic devices.

Product Images









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