BFB0712M-AWPN Delta 12VDC 75x75x25mm Centrifugal Blower Datasheet

Brand: Delta

SKU: 990072988971

Category: Axial & Centrifugal Fans

Price: **$14.99**

E-mail: sales@equipspares.com

Web: https://www.equipspares.com

Product Page:
https://www.equipspares.com/product/bfb0712m-awpn-delta-12vdc-75x75x25mm-centrifugal-blower

Product Description

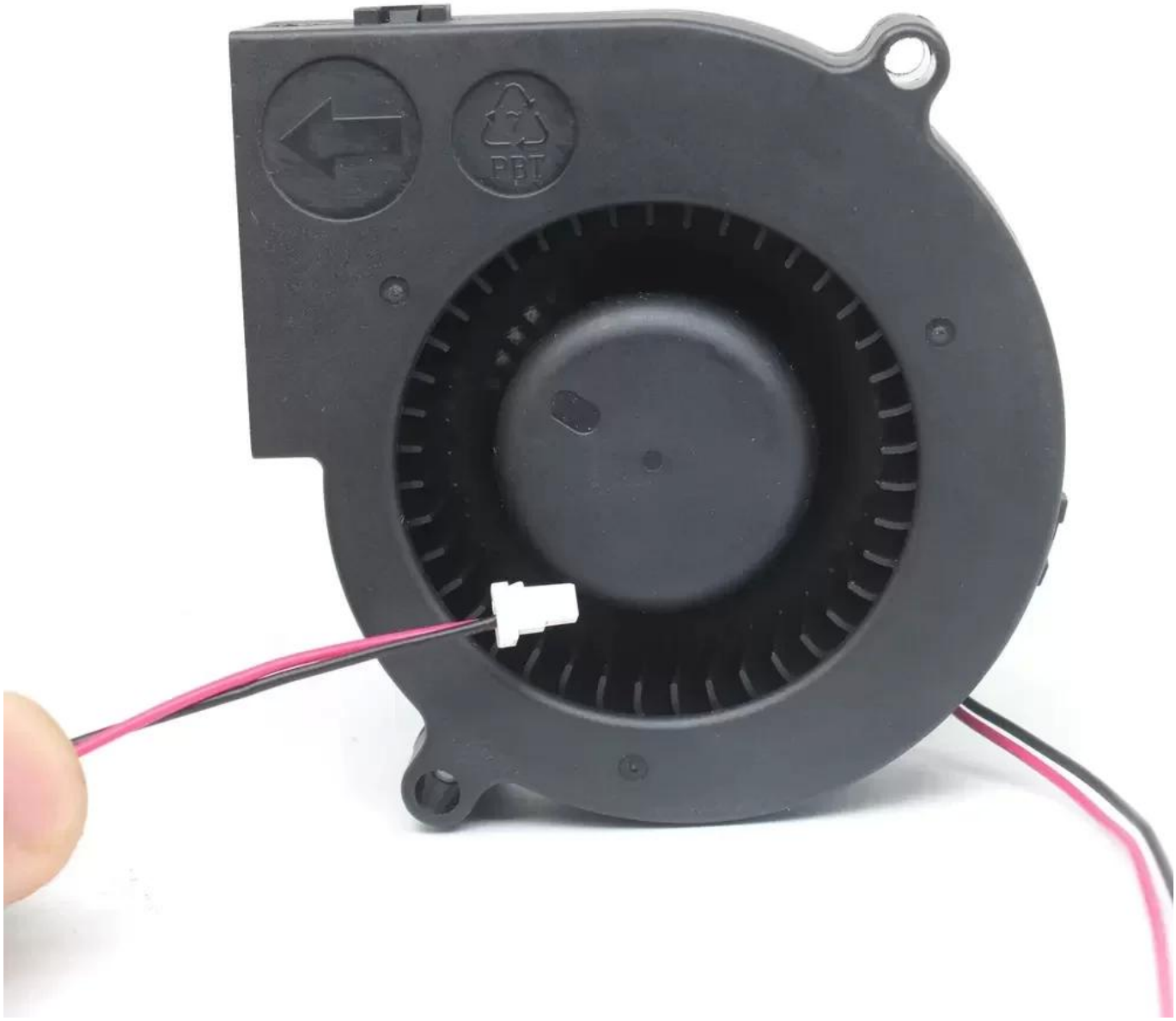
The Delta BFB0712M-AWPN is a Centrifugal Blower engineered for concentrated airflow in space-constrained industrial environments. Utilizing advanced DC brushless motor technology, this unit optimizes thermal impedance management through a high-efficiency turbine design. The chassis features robust structural rigidity, housing a precision bearing system that ensures operational stability under continuous load. Its aerodynamic volute geometry maximizes static pressure generation, making it an ideal solution for directing cooling streams into heatsinks or restricted ventilation ducts where axial fans may fail to overcome back pressure.

Model Number: BFB0712M-AWPN
Brand: Delta
Product Type: Centrifugal Blower
Rated Voltage: 12V DC
Voltage Range: 7.0 - 13.8 VDC
Rated Current: 0.22 A
Power: 2.64 W
Rated Speed: 3200 RPM
Bearing Type: Ball Bearing
Max. Air Flow: 11.3 CFM (19.2 m^3/h / 0.32 m^3/min)
Max. Static Pressure: 10.5 mmH_2O (103 Pa / 0.41 inH_2O)

Dimensions: 75 x 75 x 25 mm
Noise Level: 34.0 dB-A
Termination: 2-Wire Leads
Housing Material: Plastic (UL94V-0)
Blade Material: Plastic (UL94V-0)
Operating Temperature: -10°C to +70°C
Life Expectancy: 50,000 Hours @ 40°C
Ingress Protection: IP40

The BFB0712M-AWPN is frequently integrated into compact electronic assemblies requiring directed cooling, such as rack-mount servers, projectors, and small form-factor industrial PCs. Its high static pressure capabilities make the BFB0712M-AWPN particularly effective for forcing air through dense heatsink fins in telecommunications equipment and automation control panels. Additionally, this blower is utilized in 3D printing applications for part cooling and in medical instrumentation where reliable thermal regulation is critical.

Supplemental Images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