



## BFB0712HD Delta

Brand: Delta

SKU: BFB0712HD

Category: DC Fans

URL: <https://www.fansco.com/item/bfb0712hd-delta/>

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## Product Description

BFB0712HD Delta 12VDC 70.2x76.5x20mm 8.2CFM 1.034inH<sub>2</sub>O(257.6Pa) Ball 42dB(A) 3.72W 4000RPM 2 Wire Leads Locked Rotor Protection DC Fan

The BFB0712HD is a DC brushless blower from Delta Electronics, rated at 12 VDC with an operating voltage range of 7.0–13.8 VDC, delivering 0.31 A input current (0.37 A max.) and 3.72 W power (4.44 W max.). It features a maximum air flow of 0.231 m<sup>3</sup>/min (0.208 m<sup>3</sup>/min min.) at zero static pressure (8.158 CFM/6.608 CFM min.) and a maximum air pressure of 26.265 mmH<sub>2</sub>O (21.275 mmH<sub>2</sub>O min., 1.034 inchH<sub>2</sub>O/0.838 inchH<sub>2</sub>O) at zero air flow, with average acoustical noise of 42.0 dB-A (46.0 dB-A max.). Constructed with UL94V-0 plastic frame/impeller and dual ball bearings, weighing 58 g, it rotates clockwise from the nameplate side, fitted with UL1061-F-AWG #26 leads (red+/black–). Operating at 10–70°C and storing at –40–75°C, it ensures 50,000 hours of continuous operation at 40°C (15–65% RH), with locked rotor protection (96h fire resistance at rated voltage) and polarity reverse protection. Certified via thermal cycling (–40°C/80°C, 5 cycles), humidity exposure (65°C/90–98% RH, 168h), and vibration testing (3.2 gRMS, 2h/axis X/Y/Z), it is manufactured in China/Thailand/Taiwan, free of ozone-depleting substances. Note: Parallel operation requires  $\geq 4.7 \mu\text{F}$  capacitor; improper mounting/polarity may cause damage.

## Technical Specifications

Attribute	Value
Part Number	BFB0712HD
Bearing Type	Ball Bearing
Series	BFB
Voltage Rating	12 VDC
Dimensions	70.2x76.5x20 mm
Air Flow	8.2 CFM
Air Flow (m3)	0.230 m <sup>3</sup> /min
Static Pressure	1.034 in H <sub>2</sub> O (257.6 Pa)
Manufacturer	Delta Electronics
Features	Locked Rotor Protection

Fan Type	DC
Noise Level	42 dB(A)
Power Rating	3.72 W
Fan Speed	4000 RPM
Termination	2 Wire Leads
Operating Temperature	14 ~ 158°F (-10 ~ 70°C)
Approval Agency	CE, CSA, UL, VDE
Weight	0.128 lb (58.06 g)





