

# BFB04512HD-R00 Delta 12V DC Blower

**SKU:** BFB04512HD-R00

**Price:** \$9.99

**Categories:** Fans

**Tags:** Delta

**Product Link:**

<https://www.electspares.com/product/bfb04512hd-r00-delta-12v-dc-blower/>

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## Product Description

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The Delta BFB04512HD-R00 is a DC blower measuring 45 x 45 x 20 mm. It operates on 12V DC, with an operational current rating of 0.10 A and a label current of 0.15 A, consuming 1.20 W of power. The blower delivers an airflow of 4.9 CFM (8.3 m<sup>3</sup>/h) and a static pressure of 0.366 inch H<sub>2</sub>O (91.1 Pa). It runs at a speed of 3800 RPM with a low noise level of 24.5 dB(A). This blower uses ball bearings for enhanced durability and features three-wire leads for tachometer signal output.

BFB04512HD-R00 Fan Parameters

Manufacturer: Delta Electronics

Model: BFB04512HD-R00

Fan Type: DC Blower

Dimensions: 45 x 45 x 20 mm

Rated Voltage: 12V DC

Current Rating: 0.10 A

Label Current: 0.15 A

Power Consumption: 1.20 W

Airflow: 4.9 CFM (8.3 m<sup>3</sup>/h)

Static Pressure: 0.366 inch H<sub>2</sub>O (91.1 Pa)

Speed: 3800 RPM

Noise Level: 24.5 dB(A)

Bearing Type: Ball Bearing

Termination: Three Wire Leads

Housing Material: Thermoplastic (UL94-0)

Impeller Material: Thermoplastic (UL94-0)

Operating Temperature: -10 °C ~ 60 °C

Weight: 17.24 g

Application: The BFB04512HD-R00 is a compact DC blower designed for efficient cooling in

confined spaces. Its balanced performance, with moderate airflow and significant static pressure, makes it suitable for applications such as cooling routers, switches, compact servers, medical devices, and other electronic enclosures where controlled airflow is needed. The three-wire termination allows for speed monitoring.

## Product Images

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