

# EHB1748EHG-A02 Delta 48VDC 172x51mm Full Round Axial Fan Datasheet



**Brand:** Delta

**SKU:** [932106272001](#)

**Category:** Axial & Centrifugal Fans

**Price:** **\$29.99**

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Product Page:

<https://www.equipspares.com/product/ehb1748ehg-a02-delta-48vdc-172x51mm-full-round-axial-fan>

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## Product Description

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The Delta EHB1748EHG-A02 is a high-performance DC Axial Fan engineered for critical thermal regulation in automotive and industrial environments. Utilizing advanced DC motor technology coupled with a robust dual ball bearing architecture, this unit ensures minimal frictional losses and extended operational longevity under continuous high-load conditions. The aerodynamic profile of the impeller is optimized to reduce turbulence while maximizing static pressure capabilities, resulting in superior thermal impedance management. Its structural rigidity is reinforced by a die-cast aluminum full-round housing design, making it exceptionally durable for high-vibration applications such as electric vehicle climate control and heavy industrial machinery.

Model Number: EHB1748EHG-A02

Brand: Delta

Product Type: DC Axial Fan

Rated Voltage: 48 VDC

Voltage Range: 28.0 - 56.0 VDC

Rated Current: 1.44 A

Power: 69.12 W

Rated Speed: 4800 RPM

Bearing Type: Dual Ball Bearing

Max. Air Flow: 295.0 CFM (501.2 m<sup>3</sup>/h / 8.35 m<sup>3</sup>/min)

Max. Static Pressure: 28.5 mmH<sub>2</sub>O (279.5 Pa / 1.12 inH<sub>2</sub>O)

Dimensions: 172 x 172 x 51 mm

Frame Style: Full Round

Weight: 875 g

Life Expectancy: 70,000 Hours @ 40°C

Noise Level: 65.0 dB-A

Housing Material: Aluminum Die-Cast

Impeller Material: Thermoplastic PBT (UL94V-0)

Ingress Protection: IP55

Insulation Class: Class A

Operating Temperature: -10°C to +70°C

Storage Temperature: -40°C to +75°C

Termination: Lead Wires (Red +, Black -)

Safety Protection: Locked Rotor Protection, Polarity Protection

Origin: Thailand

Designed primarily for electric vehicle air conditioning systems, the EHB1748EHG-A02 delivers the high static pressure required to overcome resistance in dense condenser coils. The EHB1748EHG-A02 is also widely utilized in telecommunications infrastructure, renewable energy inverters, and precision CNC machinery where reliable, high-volume airflow is non-negotiable for component safety and system efficiency.

## Supplemental Images

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