

KFB1712HHT-8H86 Delta 12VDC 175mm Centrifugal Fan Datasheet



Brand: Delta

SKU: [763452097305](#)

Category: Axial & Centrifugal Fans

Price: **\$164.99**

E-mail: sales@equipspares.com

Web: <https://www.equipspares.com>

Product Page: <https://www.equipspares.com/product/kfb1712hht-8h86-delta-12vdc-175mm-centrifugal-fan>

Product Description

The Delta KFB1712HHT-8H86 is a high-efficiency Centrifugal Fan engineered to address critical thermal challenges in dense industrial environments. Powered by a robust DC motor architecture, this unit delivers exceptional airflow performance while maintaining optimal thermal impedance under heavy load conditions. The design prioritizes structural rigidity, utilizing high-grade materials to minimize vibration and resonance during high-speed operation. Featuring a precision bearing system, likely dual ball bearings, it ensures extended service life and reliability in continuous duty cycles. The aerodynamic impeller is specifically calibrated to generate significant static pressure, making it an ideal solution for systems requiring concentrated cooling in restricted spaces where standard axial fans may fail.

Model Number: KFB1712HHT-8H86

Brand: Delta Electronics

Product Type: Centrifugal Fan / Motorized Impeller

Rated Voltage: 12 VDC

Voltage Range: 7.0 - 13.2 VDC

Rated Current: 4.20 A

Power Input: 50.4 W

Rated Speed: 4000 RPM (Estimated)

Bearing Type: Ball Bearing

Max. Air Flow: 220 CFM (Estimated based on current)

Max. Static Pressure: High Static Pressure Profile

Diameter: 175 mm

Height: Standard Profile

Housing Material: Reinforced Plastic (UL94V-0)

Impeller Material: Reinforced Plastic (UL94V-0)

Termination: Lead Wires

Operating Temperature: -10 to +70 Degrees Celsius

Storage Temperature: -40 to +75 Degrees Celsius

Ingress Protection: IP Rating Dependent on Mounting

Motor Protection: Locked Rotor Protection, Polarity Protection

Speed Control: PWM / Tachometer Output Support

Weight: Approx. 450g

The KFB1712HHT-8H86 is frequently deployed in high-density server racks and telecommunications enclosures where back-pressure is a significant factor. Its compact yet powerful design allows the KFB1712HHT-8H86 to effectively dissipate heat in medical instrumentation and CNC machinery control panels, ensuring component longevity and system stability.

Supplemental Images

