

EFH-09C05H DWPH 5VDC 0.80A 75mmCentrifugal Fan Datasheet



Brand: DWPH

SKU: [867474436958](#)

Category: Axial & Centrifugal Fans

Price: **\$22.99**

E-mail: sales@equipspares.com

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Product Page: <https://www.equipspares.com/product/efh-09c05h-dwph-5vdc-0-80a-75mmcentrifugal-fan>

Product Description

The DWPH EFH-09C05H is a 5VDC 75mm Centrifugal Fan optimized for localized thermal management in high-density mobile computing environments. Engineered with a high-efficiency DC motor, this blower utilizes a precision-balanced impeller to minimize thermal impedance within cramped chassis. Its structural rigidity is maintained through UL94V-0 rated thermoplastic housing, ensuring durability under continuous operation. Operating at 0.80A with a power consumption of 4.0W, it delivers the necessary static pressure to overcome the resistance of dense copper heat pipe fins. This unit is specifically designed to maintain optimal CPU temperatures in Haier Tianlong E6-A371 systems, preventing thermal throttling during peak processing loads.

Model Number: EFH-09C05H

Brand: DWPH

Product Type: DC Centrifugal Blower Fan

Rated Voltage: 5 VDC

Voltage Range: 4.5 - 5.5 VDC

Rated Current: 0.80 A

Power: 4.0 W

Rated Speed: 4200 RPM

Bearing Type: Sleeve Bearing

Max. Air Flow: 9.20 CFM (15.6 m³/h / 0.26 m³/min)

Max. Static Pressure: 14.80 mmH₂O (145.1 Pa / 0.58 inH₂O)

Dimensions: 75 x 70 x 12 mm

Weight: 42 g

Life Expectancy: 30,000 hours at 40 C

Housing Material: UL94V-0 PBT Plastic

Blade Material: UL94V-0 PBT Plastic

Termination: 2-Wire Lead Wires

Operating Temperature: -10 to +70 C

Storage Temperature: -40 to +75 C

Certifications: CE, RoHS

Protection Features: Locked Rotor Protection, Reverse Polarity Protection

EFH-09C05H Applications

1. Laptop Thermal Management: Ideal replacement fan for Haier Tianlong E6-A371 series, providing the high static pressure required to push air through restrictive micro-channel heat sinks.
2. Compact Embedded Systems: Optimized for low-profile industrial PCs where vertical clearance is restricted and 5VDC power rails are the primary cooling bus.

Supplemental Images

