

# EFS-07E12H DWPH 12VDC 75x75x30mm Blower Fan Datasheet



**Brand:** DWPH

**SKU:** 1013619038598

**Category:** Axial & Centrifugal Fans

**Price:** \$6.99

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Product Page: <https://www.equipspares.com/product/efs-07e12h-dwph-12vdc-75x75x30mm-blower-fan>

## Product Description

The DWPH EFS-07E12H is a Centrifugal Blower Fan engineered for concentrated airflow in space-constrained industrial environments. Utilizing advanced DC brushless motor technology, this unit delivers consistent static pressure required for overcoming high thermal impedance in dense electronic assemblies. The aerodynamic scroll housing is constructed to optimize airflow efficiency while maintaining structural rigidity under continuous operation. Designed with a precision bearing system, the EFS-07E12H ensures reliable performance and thermal stability, making it an essential component for critical cooling applications requiring directed air delivery.

Model Number: EFS-07E12H

Brand: DWPH

Product Type: Centrifugal Blower Fan

Rated Voltage: 12VDC

Voltage Range: 7.0 - 13.2 VDC

Rated Current: 0.30 A

Power: 3.60 W

Rated Speed: 3200 RPM

Bearing Type: Sleeve Bearing

Max. Air Flow: 11.5 CFM (19.5 m<sup>3</sup>/h / 0.32 m<sup>3</sup>/min)

Max. Static Pressure: 12.5 mmH<sub>2</sub>O (122.5 Pa / 0.49 inH<sub>2</sub>O)

Dimensions: 75 x 75 x 30 mm

Weight: 78 g

Life Expectancy: 30,000 Hours at 40°C

Noise Level: 38.0 dB(A)

Housing Material: PBT Plastic (UL94V-0)

Impeller Material: PBT Plastic (UL94V-0)

Termination: 2-Wire with 2.54mm Pitch Connector

Operating Temperature: -10°C to +70°C

Storage Temperature: -40°C to +70°C

Motor Type: DC Brushless

Safety Protection: Impedance Protected

Mounting Orientation: Any

This centrifugal blower is specifically calibrated for applications demanding high static pressure, such as server rack cooling modules and telecommunications equipment. The EFS-07E12H is frequently integrated into 3D printers for part cooling and industrial projectors where directed airflow is paramount. Additionally, the EFS-07E12H serves effectively in medical instrumentation and compact power supply units, ensuring optimal operating temperatures are maintained within enclosed chassis environments.

## Supplemental Images

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