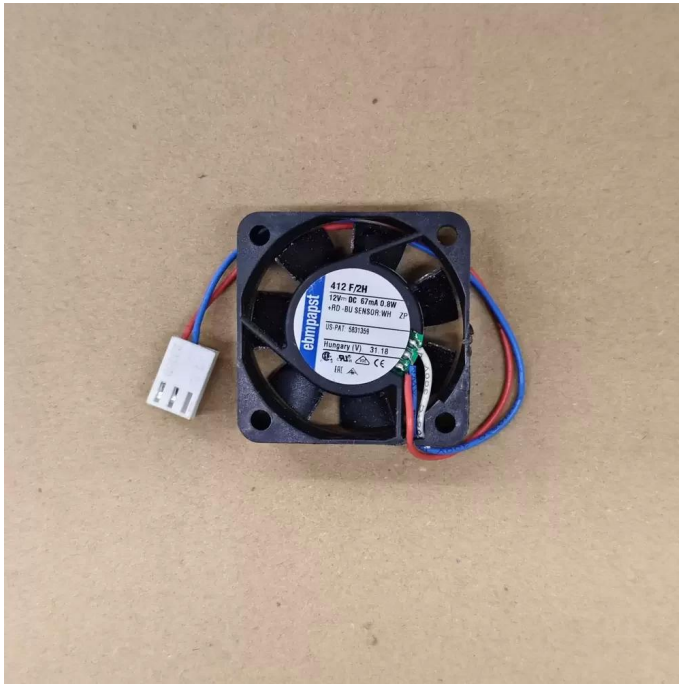


412F/2H ebmpapst 12VDC 0.8W 40x40x10mm DC Axial Fan Datasheet



Brand: ebmpapst

SKU: [1032288993174](#)

Category: Axial & Centrifugal Fans

Price: **\$32.99**

E-mail: sales@equipspares.com

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

Product Page:

<https://www.equipspares.com/product/412f-2h-ebmpapst-12vdc-0-8w-40x40x10mm-dc-axial-fan>

Product Description

The ebmpapst 412F/2H is a high-performance DC axial fan engineered for precision cooling in space-constrained industrial environments. Operating at a nominal 12VDC with a low power consumption of 0.8W (67mA), this 40x40x10mm unit delivers a significant airflow of 9m³/h (5.3CFM) at a rated speed of 6000RPM. It features an integrated open-collector tachometer sensor for real-time speed monitoring and a robust sleeve bearing system, ensuring a quiet 26dBA acoustic profile and an operational life expectancy of 45,000 hours at 40°C.

412F/2H Specifications

Model Number: 412F/2H

Brand: ebm-papst

Product Category: DC Axial Fans

Nominal Voltage: 12VDC

Voltage Range: 10 to 14VDC

Power Consumption: 0.8W

Nominal Current: 67mA

Air Flow: 9.0m³/h (5.3CFM)

Static Pressure: 32Pa

Rated Speed: 6000RPM

Noise Level: 26dBA

Dimensions: 40 x 40 x 10mm

Bearing Type: Sleeve Bearing

Termination: 3-Wire (Leads)

Wire Length: 310mm

Sensor Type: Speed Sensor (Tachometer / Open Collector)

IP Rating: IP20

Operating Temperature: -20 to +70°C

Storage Temperature: -40 to +80°C

Housing Material: Glass-fiber reinforced PBT plastic

Impeller Material: Glass-fiber reinforced PA plastic

Weight: 0.017kg

Approvals: VDE, CSA, UL, CE

412F/2H Applications

Thermal management for high-density 1U/2U rack-mount servers, compact switch-mode power supplies (SMPS), and telecommunications enclosures. Direct integration into medical diagnostic equipment and portable industrial instrumentation requiring low-noise active cooling." cooling.

Supplemental Images

