

# 412JHH ebmpapst DC Axial Fan 12V Tubeaxial

**SKU:** 412JHH

**Price:** \$37.01

**Categories:** Fans

**Tags:** ebmpapst

**Product Link:**

<https://www.electspares.com/product/412jhh-ebmpapst-dc-axial-fan-12v-tubeaxial/>

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## Product Description

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The ebmpapst 412JHH is a powerful yet miniature DC Axial Fan designed for applications requiring maximum air movement in confined spaces. Its precise measuring dimensions are 40 x 40 x 25 mm. This fan operates on a 12 VDC nominal voltage (within a range of 8 to 13.5 VDC) and is capable of reaching a high rotational speed of 13000 RPM. The 412JHH provides an air flow of 24 m<sup>3</sup>/h while consuming only 3.3 W of power. Built with durable Ball bearings for long life and stability, the fan's housing and impeller are made from fiberglass-reinforced PBT and PA plastic. The unit is protected against reverse polarity and rotor blockage and is an excellent choice for targeted cooling where minimal footprint and high RPM performance are critical.

412JHH Fan Parameters

Manufacturer: ebmpapst

Model: 412JHH

Type: Axial Fan (Tubeaxial)

Nominal Voltage: 12 VDC

Voltage Range: 8 to 13.5 VDC

Speed: 13000 RPM

Air Flow: 24 m<sup>3</sup>/h

Power Consumption: 3.3 W

Noise: 46 dB(A)

Sound Power Level: 6.1 B

Measuring Dimensions: 40 x 40 x 25 mm

Mass: 0.050 kg

Bearing Type: Ball bearing

Housing Material: Fiberglass-reinforced PBT plastic

Impeller Material: Fiberglass-reinforced PA plastic

Airflow Direction: Exhaust over struts

Direction of Rotation: Counter-clockwise, viewed toward rotor

Motor Protection: Protected against reverse polarity and locking

Termination: 2 Lead Wires

Min Ambient Temperature: -20 °C

Max Ambient Temperature: 60 °C

Service Life L10 at 40 °C: 57500 h

Approval: VDE, CSA, UL

Label Current: 0.15A

Label Power: 3.6W

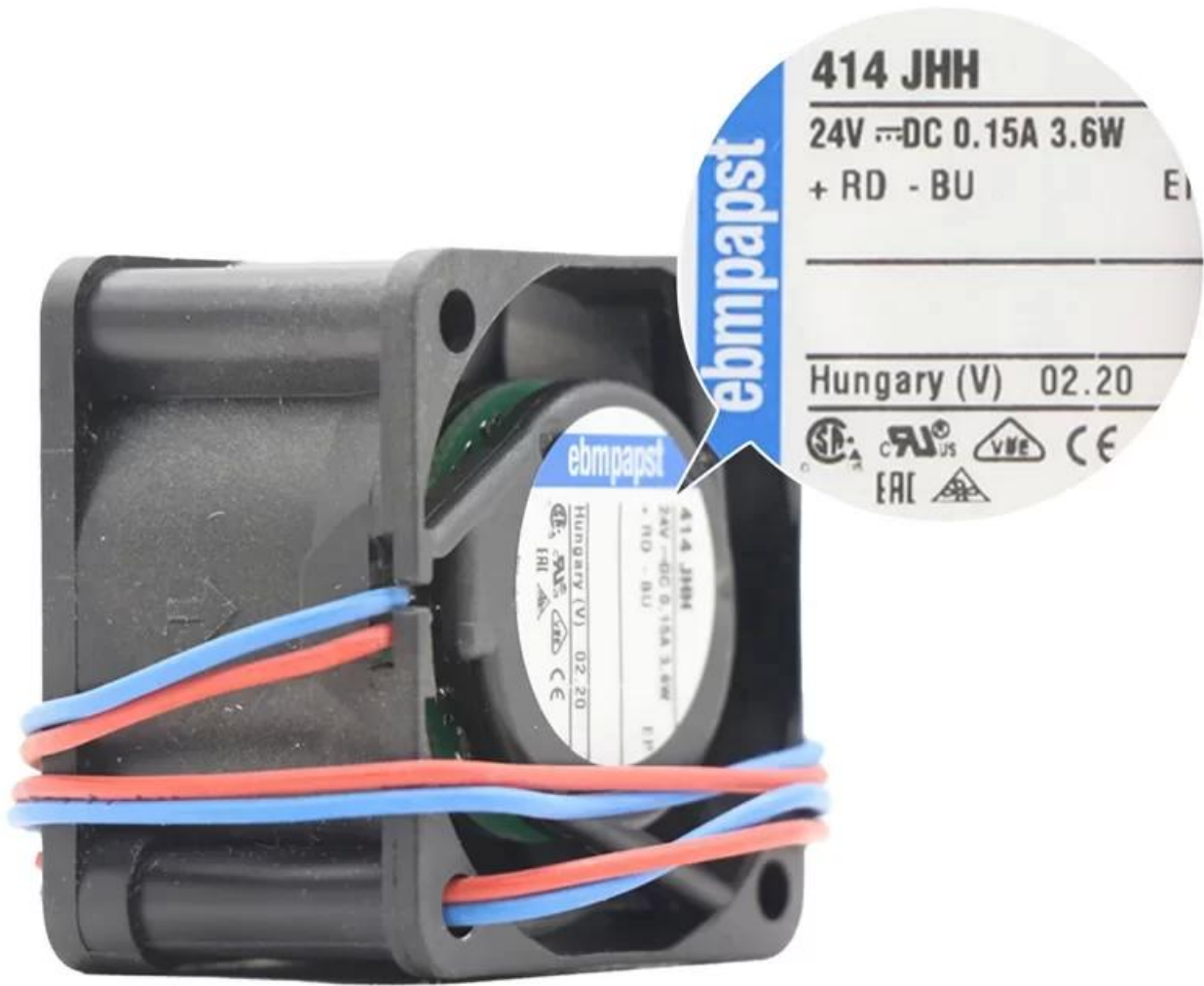
#### Application

The 412JHH model is typically used for targeted cooling of components (such as chipsets or CPUs) in miniaturized electronic assemblies, telecommunication equipment, small form factor PCs, networking gear, and other dense electronic enclosures requiring a high-speed, compact cooling solution.

## **Product Images**

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## Accessories



## Guard Grille

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