

# 422JN ebmpapst 12V DC Axial Fan

**SKU:** 422JN

**Price:** \$44.41

**Categories:** Fans

**Tags:** ebmpapst

**Product Link:**

<https://www.electspares.com/product/422jn-ebmpapst-12v-dc-axial-fan/>

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## Product Description

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The ebmpapst 422JN is a 12VDC axial fan with dimensions of 40 x 40 x 28 mm. Operating within an 8-13.8VDC range, it draws 0.34A of current and consumes 4.1W of power. This fan delivers an airflow of 31m<sup>3</sup>/h (18CFM) and operates at a high speed of 14250RPM, with a noise level of 48dB(A) and a sound power level of 6.0Bels. Featuring durable ball bearings and two wire leads for connection, it is constructed with a fiberglass-reinforced PBT plastic housing and a fiberglass-reinforced PA plastic impeller, boasting an IP20 ingress protection rating. It is suitable for reliable operation within an ambient temperature range of -20 to 70°C, with a typical service life of 67,500 hours at 20°C and 35,000 hours at 60°C.

422JN Fan Parameters

Manufacturer: ebmpapst

Model: 422JN

Fan Type: DC Axial Fan

Dimensions: 40 x 40 x 28 mm

Rated Voltage: 12 VDC

Operating Voltage Range: 8 ~ 13.8 VDC

Current Rating: 0.34 A

Power Consumption: 4.1 W

Airflow: 31 m<sup>3</sup>/h (18 CFM)

Speed: 14250 RPM

Noise Level: 48 dB(A)

Sound Power Level: 6.0 Bels

Bearing Type: Ball Bearing

Termination: Two Wire Leads

Operating Temperature: -20 ~ 70°C

Lifetime @ Temp: 67,500 Hours (at 20°C), 35,000 Hours (at 60°C)

Housing Material: Plastic (Fiberglass-reinforced PBT plastic)

Impeller Material: Plastic (Fiberglass-reinforced PA plastic)

IP Rating: IP20

Weight: 0.045 kg

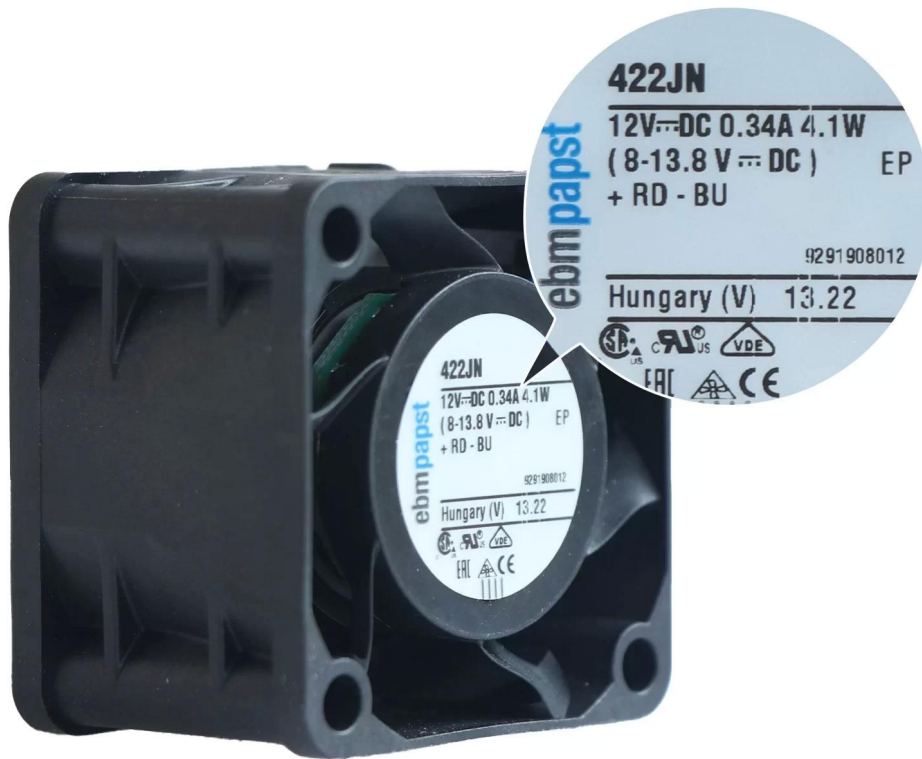
Approval Agency: VDE, CSA, UL

Application: This ebmpapst DC axial fan is suitable for compact electronic devices, small enclosures, and systems requiring efficient spot cooling with high airflow.

## Product Images

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