

# R2E180-AH05-06 ebmpapst 230V AC centrifugal fan

**SKU:** R2E180-AH05-06

**Price:** \$197.36

**Categories:** Fans

**Tags:** ebmpapst

**Product Link:**

<https://www.electspares.com/product/r2e180-ah05-06-ebmpapst-230v-ac-centrifugal-fan/>

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## Product Description

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The ebmpapst R2E180-AH05-06 is an AC Centrifugal Fan measuring 180mm in diameter and 65.5mm in depth. It operates on 230 VAC single-phase at 50/60 Hz. For 50 Hz operation, it draws 0.51 A of current with 110 W input power, achieving a speed of 2600 RPM. For 60 Hz operation, it draws 0.63 A of current with 145 W input power, achieving a speed of 2850 RPM. The fan provides an airflow of 515 m<sup>3</sup>/h (equivalent to 303.1 CFM). Its noise level is 69 dB(A). It features a robust ball bearing system for durability and has an IP20 ingress protection rating. The impeller is made of aluminum, and the motor is an external rotor motor with a capacitor. This fan is designed for various air handling and ventilation applications, commonly used in central air conditioning units, building ventilation systems, and industrial processing.

R2E180-AH05-06 Fan Parameters

Model: R2E180-AH05-06

Manufacturer: ebmpapst

Type: AC Centrifugal Fan

Fan dimensions: 180mm diameter, 65.5mm depth

Rated Voltage: 230 VAC

Operating Voltage Range: 195 to 255 VAC

Frequency: 50/60 Hz

At 50Hz:

Rated Current: 0.51 A

Power Consumption: 110 W

Speed: 2600 RPM

At 60Hz:

Rated Current: 0.63 A

Power Consumption: 145 W

Speed: 2850 RPM

Airflow: 515 m<sup>3</sup>/h (303.1 CFM)

Static Pressure: 300 Pa (1.205 inH<sub>2</sub>O)

Noise Level: 69 dB(A)

Bearing Type: Ball Bearing

Termination: Terminal Box

Impeller Material: Aluminum

Insulation Class: B

Protection Level: IP20

Operating Temperature: -25 to 70°C

Storage Temperature: -40 to 80°C

Weight: 1.8 kg

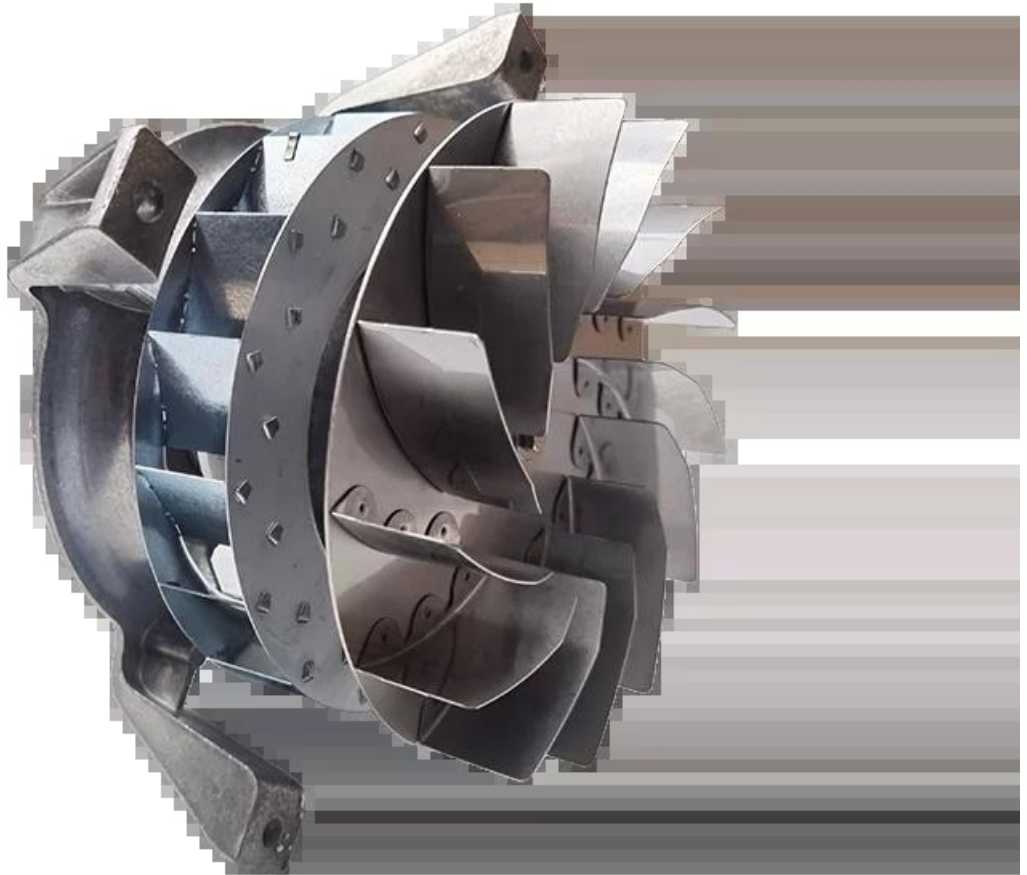
Motor Type: M2E068-DF, external rotor motor with capacitor

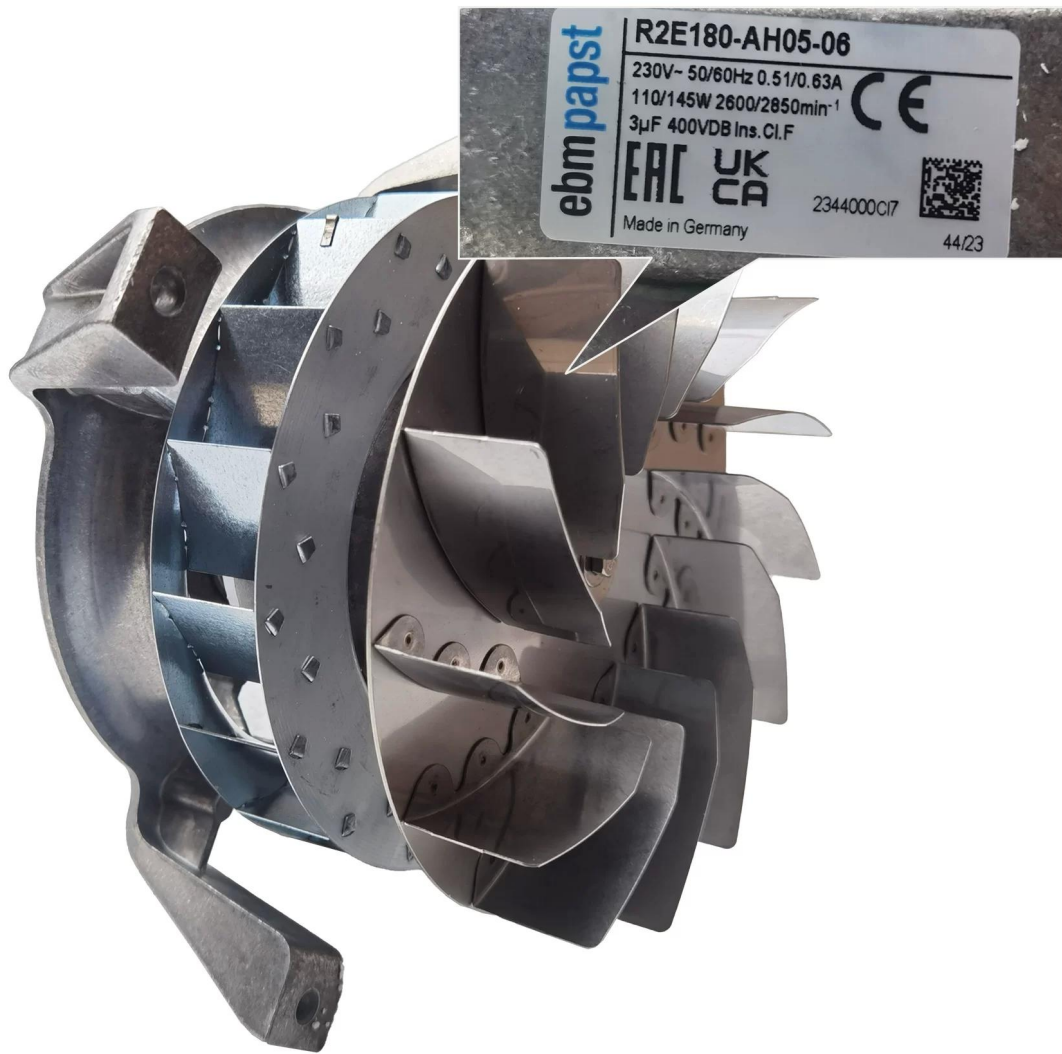
Motor Protection: Thermal overload protector TOP wired internally

Application: Air handling units, ventilation systems, central air conditioning, industrial processing.

## **Product Images**

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Scan for product details:

