

# R4E355-AL02-06 ebmpapst FFU AC centrifugal fan

**SKU:** R4E355-AL02-06

**Price:** \$173.56

**Categories:** Fans

**Tags:** ebmpapst

**Product Link:**

<https://www.electspares.com/product/r4e355-al02-06-ebmpapst-ffu-ac-centrifugal-fan/>

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## Product Description

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The ebmpapst R4E355-AL02-06 is a powerful 230V AC centrifugal fan with backward-curved blades, widely used as a motorized impeller. It has an impeller diameter of 355mm and overall dimensions of Ø360mm x 190mm. Operating at 230V AC, its performance varies with frequency: at 50Hz, it consumes 245W of power, drawing 1.12A of current, and spins at 1420 RPM; at 60Hz, it consumes 420W of power, drawing 1.9A of current, and spins at 1650 RPM. This fan delivers a substantial airflow of 3160 m<sup>3</sup>/h at 50Hz and operates with a noise level of 66 dBA. It is rated IP44 for protection, features robust ball bearings, and utilizes an aluminum impeller with a black-coated rotor surface, making it an ideal medical clean FFU purification fan and suitable for general air purification equipment and other demanding ventilation tasks.

R4E355-AL02-06 Fan Parameters

Model Number: R4E355-AL02-06

Manufacturer: ebmpapst

Type: AC Centrifugal Fan / Motorized Impeller (Backward-Curved, Single Inlet)

Overall Dimensions: Ø360mm x 190mm

Impeller Diameter: 355mm

Rated Voltage: 230 VAC

Frequency: 50 Hz / 60 Hz

Rated Current:

50Hz: 1.12A

60Hz: 1.9A

Rated Power:

50Hz: 245W

60Hz: 420W

Speed:

50Hz: 1420 RPM

60Hz: 1650 RPM

Airflow (Free Air, at 50Hz): 3160 m<sup>3</sup>/h

Static Pressure: Up to 420 Pa (at 50Hz)

Noise Level: 66 dBA

IP Rating: IP44

Connector: 6 Wire Leads

Bearing Type: Ball Bearing

Impeller Material: Sheet Aluminum

Rotor Surface: Painted black

Operating Temperature: -25°C to +50°C

Weight: 5.39 kg

Service Life: 50,000h

Features: External rotor motor, Thermal Overload Protector, Impedance protected

Approvals/Certifications: CE, CCC

Key Application: Medical clean FFU purification fan

## **Product Images**

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