

# R2D225-AG02-10 ebmpapst 230/400V AC Centrifugal Fan 225mm

**SKU:** R2D225-AG02-10

**Price:** \$575.30

**Categories:** Fans

**Tags:** ebmpapst

**Product Link:**

<https://www.electspares.com/product/r2d225-ag02-10-ebmpapst-230-400v-ac-centrifugal-fan-225mm/>

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## Product Description

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The ebmpapst R2D225-AG02-10 is a high-capacity, three-phase AC Centrifugal Fan (Single Inlet, Backward Curved) with a 225 mm impeller. It supports dual-voltage operation (230 VAC  $\Delta$  and 400 VAC Y) and multi-frequency performance (50 Hz and 60 Hz). At 230 V AC, 50 Hz (Delta connection), the fan runs at 2700 RPM, consuming 165 W of power, and drawing 0.50 A. This robust fan is designed for industrial hot-air circulation, with a wide operational range and high-temperature tolerance (up to 105 °C).

R2D225-AG02-10 Fan Parameters

Model: R2D225-AG02-10

Manufacturer: ebmpapst

Type: AC Centrifugal Fan (Single Inlet, Backward Curved)

Motor Model: M2D068-EC

Dimensions (measuring): Impeller  $\Phi$  225 mm

Phase: 3~

Frequency: 50/60 Hz

PERFORMANCE AT 400 VAC, 50 Hz (Y)

Speed: 2700 RPM

Power Consumption: 165 W

Current Draw: 0.29 A

Starting Current: 1.0 A

Max. Ambient Temperature: 105 °C

Max. Airflow (Free Air): 1265 m<sup>3</sup>/h (745.9 CFM)

Max. Static Pressure: ~420 Pa (~1.69 inAq)

PERFORMANCE AT 400 VAC, 60 Hz (Y)

Speed: 3000 RPM

Power Consumption: 250 W

Current Draw: 0.39 A

Starting Current: 0.95 A

Max. Ambient Temperature: 75 °C

PERFORMANCE AT 230 VAC, 50 Hz (Δ)

Speed: 2700 RPM

Power Consumption: 165 W

Current Draw: 0.50 A

Starting Current: 1.73 A

PERFORMANCE AT 230 VAC, 60 Hz (Δ)

Speed: 3000 RPM

Power Consumption: 250 W

Current Draw: 0.67 A

Starting Current: 1.65 A

Weight: 4.1 kg

Housing Material: Sheet steel, galvanized

Impeller Material: Centrifugal impeller (sheet steel, galvanised)

Bearing Type: Ball bearing (Inferred)

Motor Protection: Thermal Overload Protector (TOP)

Termination: Terminal strip

Insulation Class: F

Min. Ambient Temperature: -25 °C

Approvals: CE

IP Rating: IP 20

Application

The ebmpapst R2D225-AG02-10 fan is engineered as an AC hot-air circulation blower for continuous industrial operation (Mode S1). Its three-phase motor and dual-voltage/dual-frequency compatibility make it ideal for systems requiring high static pressure and operational flexibility. Primary uses include industrial ovens, large heat recovery units, commercial HVAC systems, and industrial equipment where high-temperature tolerance (up to 105 °C) and robust performance are essential.

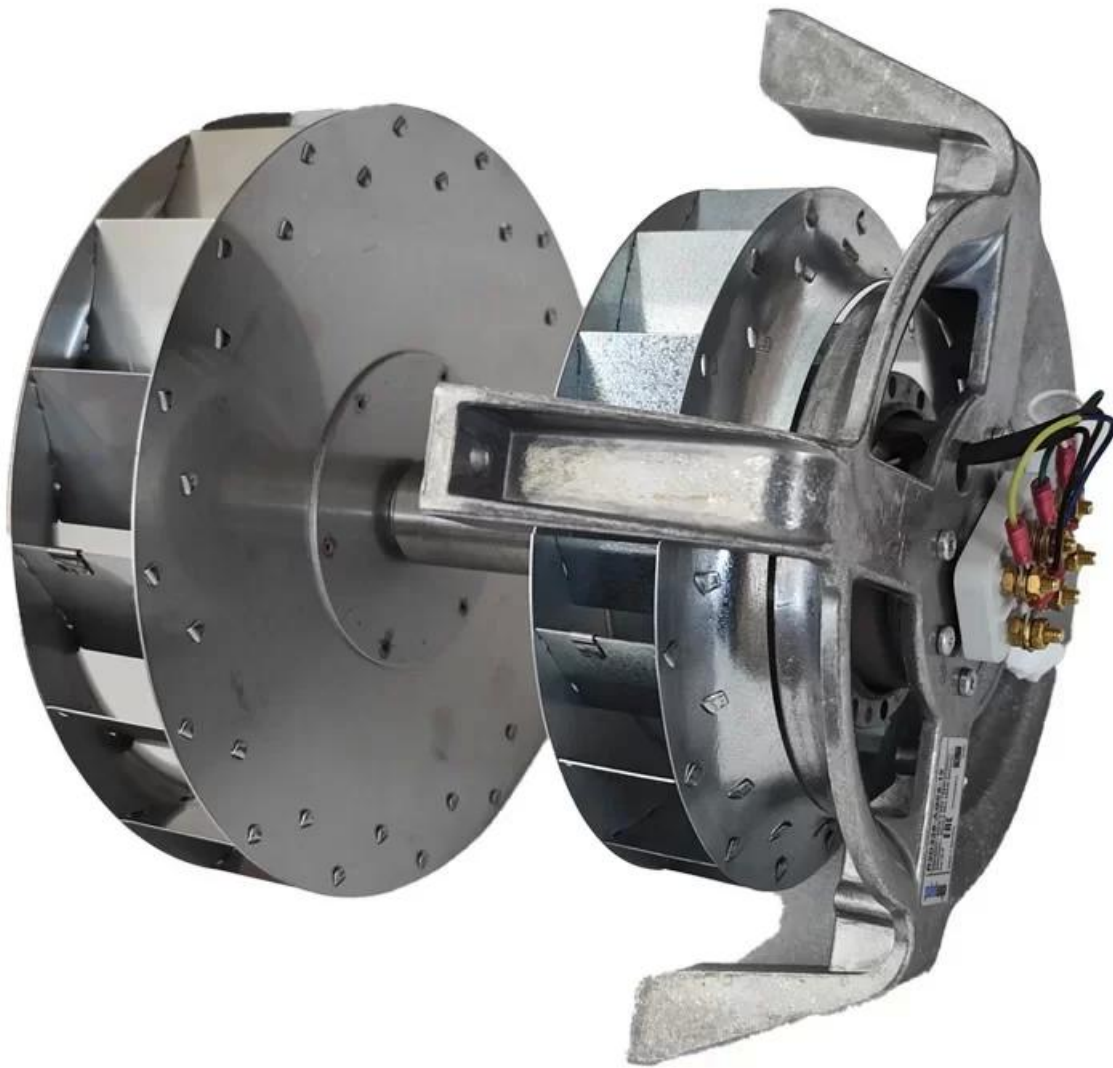
## Product Images

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