

R4E160-AB01-01 ebmpapst 230V 160mm AC Centrifugal Fan

SKU: R4E160-AB01-01

Price: \$481.11

Categories: Fans

Tags: ebmpapst

Product Link:

<https://www.electspares.com/product/r4e160-ab01-01-ebmpapst-230v-160mm-ac-centrifugal-fan/>

Product Description

The ebmpapst R4E160-AB01-01 is a robust 230 V single-phase AC centrifugal fan featuring a 160 mm backward-curved impeller constructed from galvanized sheet steel for enhanced durability. Powered by the M4E068-CF external rotor motor, this unit is engineered for reliable air displacement in high-pressure environments, delivering speeds up to 1400 RPM. Designed for versatile S1 continuous operation, it features a compact design with an internal thermal overload protector and maintenance-free ball bearings. This fan is an ideal thermal management solution for industrial ventilation and cooling applications, maintaining high performance across a wide ambient temperature range from -25 °C up to 65 °C.

R4E160-AB01-01 Fan Parameters

Model Number: R4E160-AB01-01

Manufacturer: ebmpapst

Motor Model: M4E068-CF

Series: AC Centrifugal Series

Type: AC Centrifugal Fan (Backward-Curved)

Impeller Size: 160 mm

Dimensions: 160 x 160 x 62 mm

Bearing Type: Ball Bearing

Nominal Voltage: 230 VAC

Voltage Range: 220 - 240 VAC

Frequency: 50 / 60 Hz

Weight: 1.7 kg

Input Power: 67 W (50 Hz) / 90 W (60 Hz)

Nominal Current: 0.3 A (50 Hz) / 0.4 A (60 Hz)

Starting Current: 0.46 A

Speed: 1300 RPM (50 Hz) / 1400 RPM (60 Hz)

Motor Capacitor: 2 μ F / 450 VDB (P0 CE standard)

Motor Design: Single-phase External Rotor Motor (PSC)

Motor Protection: Thermal overload protector (TOP) wired internally

Insulation Class: Class B

Touch Current: < 0.75 mA Max. Air Flow: 62.23 CFM (105.7 m³/h / 1.76 m³/min) Max. Static

Pressure: 9.81 mmH₂O (96.24 Pa / 0.39 inAq) Material of Impeller: Sheet steel, galvanised

Direction of Rotation: Clockwise, seen on rotor Mounting Position: Any Condensate Discharge

Holes: None Mode of Operation: S1 (Continuous operation) Humidity Class: F0 Degree of

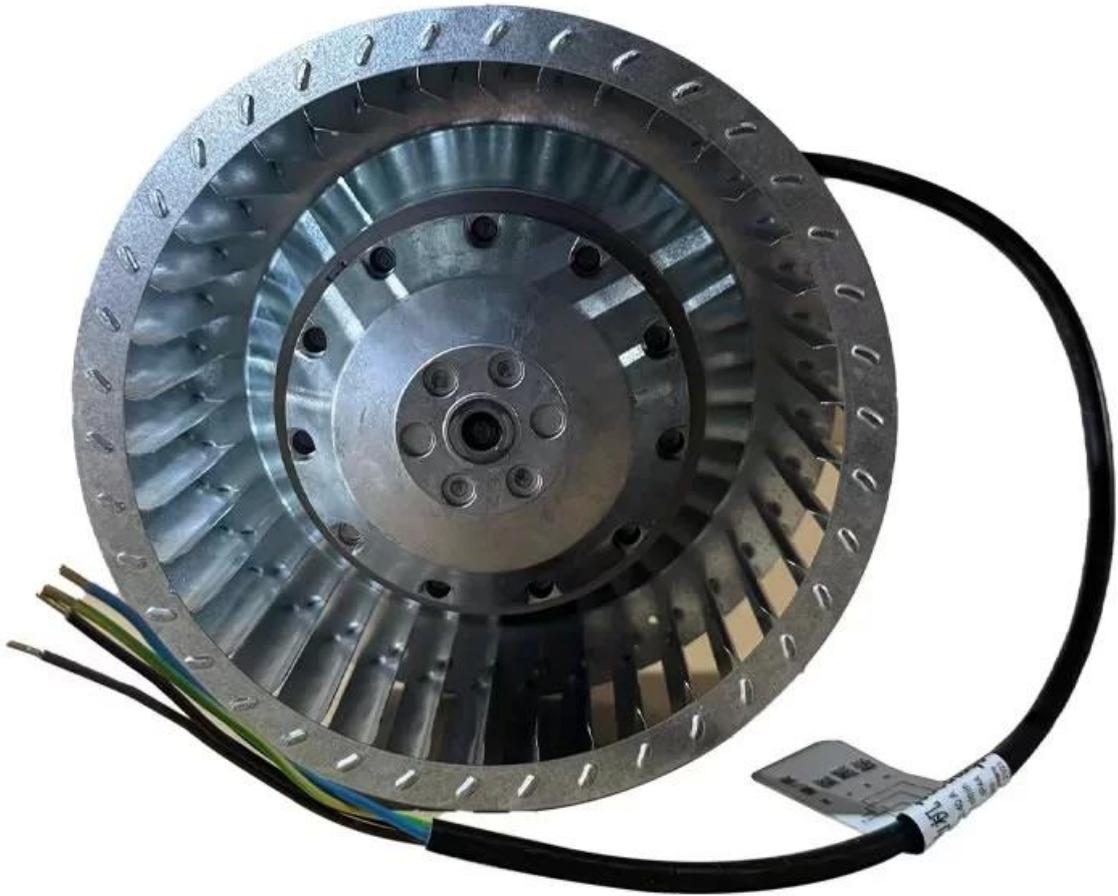
Protection: IP44 Operating Temperature: -25 - +65 °C Standard Compliance: EN 60335-1, CE

Application The ebmpapst R4E160-AB01-01 centrifugal fan is primarily utilized in electronic cabinet cooling, small air handling units, laboratory equipment ventilation, cleanroom filter units, and compact HVAC systems.

Product Images







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