

R3G250-RE07-07 ebmpapst 230V EC Centrifugal Fan

SKU: R3G250-RE07-07

Price: \$346.50

Categories: Fans

Tags: ebmpapst

Product Link:

<https://www.electspares.com/product/r3g250-re07-07-ebmpapst-230v-ec-centrifugal-fan/>

Product Description

The ebmpapst R3G250-RE07-07 is an advanced EC Centrifugal Fan from the RadiCal series, designed for high-pressure applications with minimal acoustic noise. The fan has a diameter of 250 mm and a depth of 99 mm. It operates on 230 V AC (200 to 240 V AC range) at a frequency of 50/60 Hz. Key performance metrics include a maximum current draw of 1.4 A, an input power of 170 W, and a nominal speed of 2510 RPM. It provides an airflow of 800 m³/h and a static pressure of 380 Pa. The unit features durable Ball Bearings, IP54 protection, and integrated electronic commutation (EC) with control inputs like 0-10 V DC / PWM for variable speed drive. It is designed to operate reliably in an ambient temperature range of -25 to 60 °C.

R3G250-RE07-07 Fan Parameters

Manufacturer: ebmpapst

Model: R3G250-RE07-07

Fan Type: EC Centrifugal Fan

Dimensions: 250 x 99 mm

Rated Voltage: 230 V AC

Voltage Range: 200 to 240 V AC

Frequency: 50/60 Hz

Current Draw: 1.4 A

Input Power: 170 W

Rated Speed: 2510 RPM

Airflow: 800 m³/h

Static Pressure: 380 Pa

Noise Level: 67 dB(A)

Bearing Type: Ball Bearing

Protection Class: I

Degree of Protection: IP54

Impeller Material: PA plastic

Weight: 1.9 kg

Operating Temperature: -25 to 60 °C

Application

The R3G250-RE07-07 fan is optimally suited for complex air movement systems that require high static pressure capability and speed control. Its GreenTech EC technology makes it highly energy-efficient and ideal for applications such as Air Handling Units (AHUs), ventilation systems, fan filter units (FFUs) for cleanrooms, and other HVAC applications where continuous, variable speed operation and reliability are critical.

Product Images







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