

R3G310-AL09-30 ebmpapst 48V EC Centrifugal Fan

SKU: R3G310-AL09-30

Price: \$325.20

Categories: Fans

Tags: ebmpapst

Product Link:

<https://www.electspares.com/product/r3g310-al09-30-ebmpapst-48v-ec-centrifugal-fan/>

Product Description

The R3G310-AL09-30 is a high-efficiency EC Centrifugal Fan from ebmpapst. It operates on 48 VDC with an operating voltage range of 36 to 57 VDC and has a round dimension of 318 mm diameter by 150 mm depth. The fan features backward curved blades made of sheet aluminum for optimal aerodynamic efficiency, delivering an airflow of up to 1,550 m³/h and a maximum power consumption of 208 W at 1,930 RPM. It includes integrated electronics with PWM control, a speed sensor (Tach Output), and locked-rotor protection, making it an excellent, energy-saving choice for complex ventilation systems.

R3G310-AL09-30 Fan Parameters

Model: R3G310-AL09-30

Manufacturer: ebmpapst

Fan Type: EC Centrifugal Fan

Dimensions: Round - 318 mm diameter×150 mm

Nominal Voltage: 48 VDC

Operating Voltage Range: 36 to 57 VDC

Rated Current: 4.35 A

Rated Power: 208 W

Rated Speed: 1,930 RPM

Airflow: 1,550 m³/h

Static Pressure: 346 Pa (at an operating point of 1,875 RPM and 1,550 m³/h)

Noise Level: 67.0 dBA

Bearing System: Ball Bearing

Features: PWM Control, Speed Sensor (Tach Output), Locked-Rotor Protection

Ingress Protection: IP42

Operating Temperature: -25°C to +60°C

Material - Impeller: Sheet Aluminum

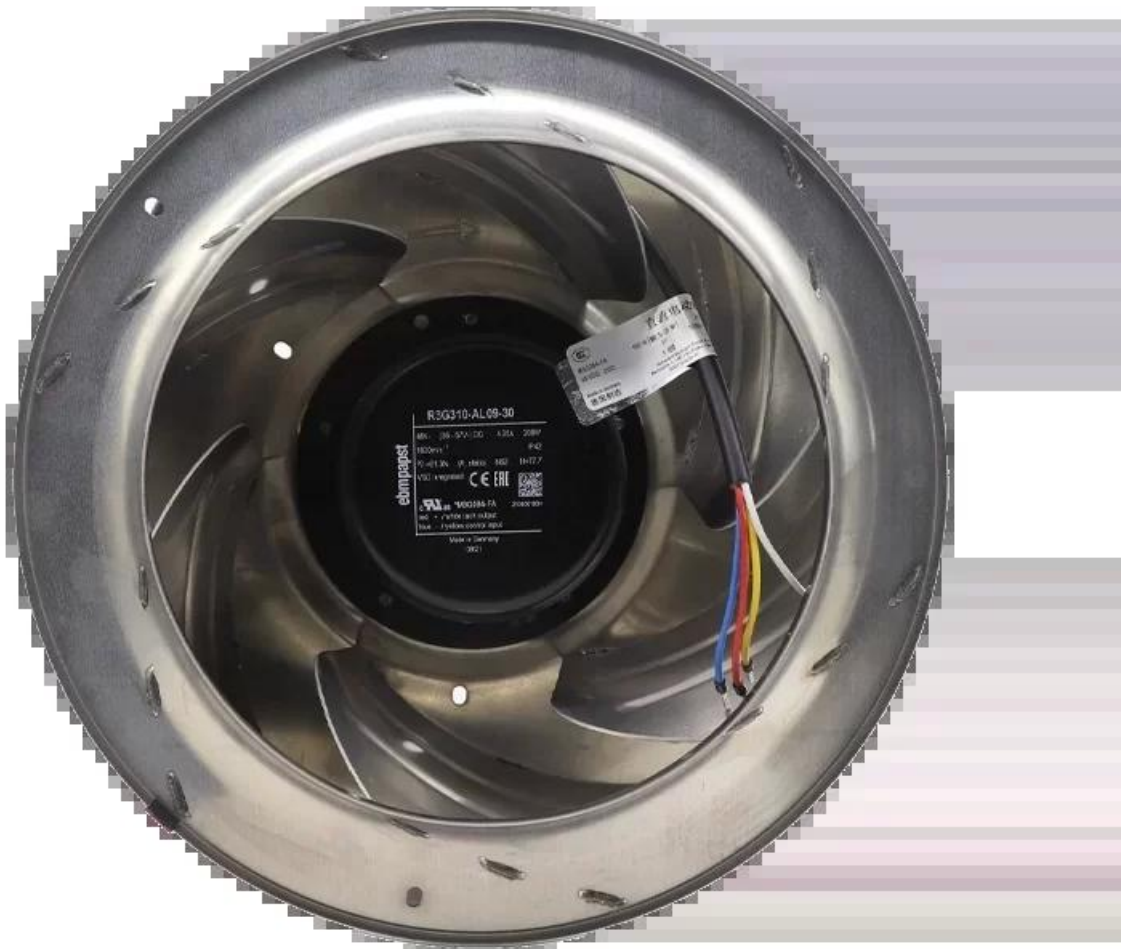
Material - Housing: Die-cast Aluminum

Application

This high-performance EC Centrifugal Fan with backward curved blades is commonly used in air handling units, ventilation systems, cooling applications for IT and telecom infrastructure, and industrial equipment where high airflow and high static pressure are required with a focus on energy efficiency and precise speed control.

Product Images







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