

# R3G225-RH17-11 ebmpapst 230VAC 225mm IP44 EC Centrifugal Fan Datasheet



**Brand:** ebmpapst

**SKU:** 1000346208019

**Category:** Axial & Centrifugal Fans

**Price:** **\$314.29**

**E-mail:** [sales@equipspares.com](mailto:sales@equipspares.com)

**Web:** <https://www.equipspares.com>

Product Page:

<https://www.equipspares.com/product/r3g225-rh17-11-ebmpapst-230vac-225mm-ip44-ec-centrifugal-fan>

## Product Description

The ebmpapst R3G225-RH17-11 is a backward curved EC centrifugal fan engineered for high-efficiency air movement in compact industrial and commercial systems. Utilizing advanced GreenTech EC motor technology, this unit offers superior energy efficiency compared to standard AC equivalents while maintaining precise speed control and reduced power consumption. The impeller is constructed from high-grade glass-fiber reinforced plastic to ensure structural rigidity and reduced rotational mass, optimizing aerodynamic performance and minimizing vibration. Featuring a robust maintenance-free ball bearing system, the R3G225-RH17-11 ensures long-term reliability and low thermal impedance under continuous operation. Its integrated electronics provide seamless commutation, making it an ideal solution for applications requiring consistent airflow, high static pressure capabilities, and low acoustic noise profiles.

Model Number: R3G225-RH17-11

Brand: ebmpapst

Product Type: EC Centrifugal Fan (Backward Curved)

Rated Voltage: 230 VAC

Frequency: 50 / 60 Hz

Rated Current: 0.42 A

Power Input: 60 W

Rated Speed: 2200 RPM

Bearing Type: Ball Bearing  
Impeller Diameter: 225 mm  
Max. Air Flow: 530 CFM (900 m<sup>3</sup>/h)  
Max. Static Pressure: 1.8 inH<sub>2</sub>O (450 Pa)  
Ingress Protection: IP44  
Motor Technology: EC (Electronically Commutated)  
Phase: 1~  
Insulation Class: B  
Blade Material: PA Plastic (Glass-fiber reinforced)  
Operating Temperature: -25 to +60 Degrees Celsius  
Mounting Orientation: Any  
Direction of Rotation: Clockwise (viewed toward rotor)  
Weight: 1.6 kg

The R3G225-RH17-11 is specifically designed for demanding air filtration and ventilation tasks, serving as a critical component in high-performance air purifiers and cleanroom equipment. Its compact footprint allows for seamless integration into tight chassis environments such as server cooling racks, medical ventilation devices, and industrial cabinet cooling systems. The R3G225-RH17-11 delivers the consistent static pressure required to overcome the resistance of dense HEPA filters, ensuring optimal air exchange rates in residential and commercial purification units.

## Supplemental Images

---

