

# R1G225-AF11-30 ebmpapst 48V 95W centrifugal fan

**SKU:** R1G225-AF11-30

**Price:** \$119.99

**Categories:** Fans

**Tags:** ebmpapst

**Product Link:**

<https://www.electspares.com/product/r1g225-af11-30-ebmpapst-48v-95w-centrifugal-fan/>

---

## Product Description

---

The ebmpapst R1G225-AF11-30 is a powerful 48V DC EC centrifugal fan with backward-curved blades, widely used as a motorized impeller for various ventilation applications. It has an impeller diameter of 225mm. Operating at 48V DC, it consumes 95W of power, drawing 2.2A of current, and spins at 2700 RPM. This fan delivers a significant airflow of 1127 m<sup>3</sup>/h / 663 CFM and operates with a noise level of 67 dBA. It is rated IP44 for protection, features robust ball bearings, and utilizes a plastic impeller with a black-painted rotor surface, making it highly efficient and suitable for applications in air purification systems, medical equipment, and other demanding controlled environments.

R1G225-AF11-30 Fan Parameters

Model Number: R1G225-AF11-30

Manufacturer: ebmpapst

Type: EC Centrifugal Fan / Motorized Impeller (Backward-Curved, Single Inlet)

Impeller Diameter: 225mm

Rated Voltage: 48 VDC

Operating Voltage Range: 36 - 57 VDC

Rated Current: 2.2A

Rated Power: 95W

Speed: 2700 RPM

Airflow (Free Air): 1127 m<sup>3</sup>/h / 663 CFM

Static Pressure: Up to 442 Pa

Noise Level: 67 dBA

IP Rating: IP44

Connector: Wire Leads (typically 4 leads for power and control)

Bearing Type: Ball Bearing

Impeller Material: PA66 plastic, glass-fiber reinforced, sheet-metal plate painted black

Rotor Surface: Painted black

Operating Temperature: -25°C to +60°C

Weight: 1.5 kg

Features: EC motor technology, integrated electronics, 0-10 VDC / PWM control input, Tach output, Motor current limitation, Soft start, Reverse polarity and locked-rotor protection

Approvals/Certifications: CE, CSA C22.2 No. 77, UL 1004-1, CCC

Key Application: Air purification systems, Medical equipment, Industrial ventilation

## Product Images

---









Scan for product details:

