

RG130/0800-3612-031111 EBM 27VDC 21.6W Centrifugal Fan Datasheet



Brand: ebmpapst

SKU: [1044588012439](#)

Category: Axial & Centrifugal Fans

Price: **\$357.14**

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Product Page:

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Product Description

EBM RG130/0800-3612-031111 130 mm 27 VDC 21.6 W 105 m³/h Centrifugal Fan is a high-performance gas blower featuring a die-cast aluminum housing and a glass-fiber reinforced plastic impeller. The unit utilizes a brushless DC motor with integrated electronics and maintenance-free dual ball bearings. It incorporates a PWM control interface and a tachometer signal output for precise operational monitoring.

RG130/0800-3612-031111 Specifications

Model: RG130/0800-3612-031111

Brand: EBM-PAPST

Nominal Voltage: 27 VDC

Voltage Range: 16 to 30 VDC

Power Consumption: 21.6 W

Current Draw: 0.8 A

Nominal Speed: 3000 RPM

Max Airflow: 105 m³/h

Max Pressure: 800 Pa

Impeller Diameter: 130 mm

Housing Material: Die-cast aluminum

Impeller Material: Plastic PA 6.6

Bearing Type: Ball bearings

Direction of Rotation: Clockwise

Insulation Class: B

Protection Class: IP20

Control Input: PWM / 0-10 V

Weight: 1.3 kg

Operating Temperature: -25 to +70 °C

Service Life: 30000 h at 40 °C

RG130/0800-3612-031111 Applications

Primary applications include integration into De Dietrich, Baxi, and Chappée condensing gas boilers for air-gas premixing. Deployed within residential and commercial heating systems to regulate combustion air supply and exhaust gas recirculation.

Supplemental Images

