

RG128/1300-3612-020204 ebmpapst 24VDC EC Gas Blower Fan Datasheet



Brand: ebmpapst

SKU: [899700479555](#)

Category: Axial & Centrifugal Fans

Price: **\$734.99**

E-mail: sales@equipspares.com

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Product Page:

<https://www.equipspares.com/product/rg128-1300-3612-020204-ebmpapst-24vdc-ec-gas-blower-fan>

Product Description

The ebmpapst RG128/1300-3612-020204 is a specialized EC centrifugal gas blower designed specifically for precise combustion applications. Engineered with advanced EC motor technology, this unit delivers exceptional efficiency and controllability, which are essential for modulating condensing boilers and premix burners. The construction features a robust die-cast aluminum housing that ensures structural rigidity and optimal thermal management under high-temperature conditions. Its aerodynamic design minimizes noise while maximizing static pressure, ensuring stable air-gas mixtures required for clean combustion. Equipped with durable ball bearings, the blower offers a long service life and reliable operation in demanding industrial environments, maintaining consistent performance despite back-pressure fluctuations.

Model Number: RG128/1300-3612-020204

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Product Type: EC Centrifugal Gas Blower

Rated Voltage: 24 VDC

Voltage Range: 16.0 - 30.0 VDC

Power Input: 45 W

Rated Current: 1.9 A

Rated Speed: 5700 RPM

Max. Air Flow: 55.3 CFM (94 m³/h)

Max. Static Pressure: 7.22 inH₂O (1800 Pa)
Bearing Type: Ball Bearing
Housing Material: Die-cast Aluminum
Impeller Material: Plastic PA6.6, Fiberglass-reinforced
Control Interface: PWM / 0-10V Control
Signal Output: Speed Signal (Tachometer)
Ingress Protection: IP20
Insulation Class: F
Mounting Orientation: Any
Operating Temperature: -20 °C to +70 °C
Storage Temperature: -40 °C to +80 °C
Weight: 1.4 kg
Termination: Integrated Connector
Motor Protection: Reverse Polarity, Locked Rotor Protection
Compliance: CE, UL, CSA

The RG128/1300-3612-020204 is primarily utilized in high-efficiency condensing boilers and premix burner systems where precise air-fuel ratios are critical for minimizing emissions. This blower integrates seamlessly into residential and commercial heating units, ensuring optimal combustion efficiency. Additionally, the RG128/1300-3612-020204 serves effectively in fuel cell technology and specialized industrial process heating applications, providing the necessary static pressure to overcome heat exchanger resistance.

Supplemental Images

