

NRG118/0800-3612-030204 ebm-papst 230VAC Centrifugal Blower Datasheet



Brand: ebmpapst

SKU: 708441256870

Category: Axial & Centrifugal Fans

Price: **\$235.71**

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Product Page:

<https://www.equipspares.com/product/nrg118-0800-3612-030204-ebm-papst-230vac-centrifugal-blower>

Product Description

ebm-papst NRG118/0800-3612-030204 is a high-performance centrifugal blower featuring a 118 mm diameter housing, operating at 230 V AC with a 65 W power rating. This radial flue exhauster is constructed with a robust die-cast aluminum housing and a plastic PA 6.6 impeller, optimized for high-pressure gas-air premixing. The unit is driven by an integrated brushless EC motor that delivers a maximum airflow of 135 m³/h and a static pressure of 2500 Pa. It utilizes dual ball bearings for maintenance-free operation and includes a PWM control interface for precise speed modulation and a Hall sensor for tachometer output.

NRG118/0800-3612-030204 Specifications

Model: NRG118/0800-3612-030204

Brand: ebm-papst

Category: Centrifugal Blower

Nominal Voltage: 230 V AC

Frequency: 50/60 Hz

Power Consumption: 65 W

Current Draw: 0.38 A

Speed: 5700 RPM

Max Airflow: 135 m³/h

Max Static Pressure: 2500 Pa

Bearing Type: Ball Bearing
Housing Material: Die-cast Aluminum
Impeller Material: Plastic PA 6.6
Control Input: PWM
Output: Hall Sensor
Insulation Class: F
Protection Class: IP 20
Weight: 1.05 kg
Hole Distance: 50 mm

NRG118/0800-3612-030204 Applications

Primary applications include integration into condensing gas boilers, premix burners, and high-efficiency heating systems. Deployed within commercial combi-steamers, industrial thermal processing units, and wall-mounted furnace ventilation systems requiring precise air-to-fuel ratio control.

Supplemental Images

