

NRV118/3040-3612-030204 ebmpapst 230V AC Centrifugal Fan

SKU: NRV118/3040-3612-030204

Price: \$385.70

Categories: Fans

Tags: ebmpapst

Product Link:

<https://www.electspares.com/product/nrv118-3040-3612-030204-ebmpapst-230v-ac-centrifugal-fan/>

Product Description

The ebmpapst NRV118/3040-3612-030204 (55734.32030) is a high-performance AC centrifugal fan with a nominal voltage of 230 VAC and dimensions of 174 x 160 mm, specifically engineered for combustion air supply in gas-fired boilers and wall-mounted heaters. Driven by a robust high-speed motor with a power consumption of 70 W and a current draw of 0.57 A, this unit features a heavy-duty dual ball bearing system designed for long-term mechanical stability and continuous S1 duty in high-temperature environments. Its aerodynamic design with a precision-engineered impeller delivers a powerful balance of significant airflow and exceptionally high static pressure at a rated speed of 9000 RPM, making it highly effective at overcoming backpressure in flue gas systems. Constructed with a premium die-cast aluminum housing and high-quality impellers, this 1.8 kg fan provides a dependable and durable ventilation solution with IP40 protection for residential heating systems, gas boilers, and industrial combustion units at the end.

NRV118/3040-3612-030204 Fan Parameters

Model Number: NRV118/3040-3612-030204

Part Number: 55734.32030

Manufacturer: ebmpapst

Series: Boiler Fan Series

Type: AC Centrifugal Fan

Size: 118 mm (Impeller)

Dimensions: 174 x 160 mm

Weight: 1.8 kg

Bearing Type: Ball bearing

Nominal Voltage: 230 VAC

Voltage Range: 195 - 253 VAC

Frequency: 50 / 60 Hz

Power Consumption: 70 W

Nominal Current: 0.57 A

Speed: 9000 RPM

Max. Air Flow: 62.23 CFM (105.7 m³/h / 1.76 m³/min)

Max. Static Pressure: 9.81 mmH₂O (96.24 Pa / 0.39 inH₂O)

Actual Air Flow: 155 m³/h

Actual Static Pressure: 450 Pa

Sound Pressure Level: 64 dB(A)

Motor Design: High-speed AC motor

Motor Protection: Thermal overload protector (TOP) wired internally

Insulation Class: Class H (High temperature resistant)

Electrical Hookup: Plug-in connector / Lead wires

Number of Blades: Multi-blade centrifugal impeller

Direction of Rotation: Clockwise, viewed toward rotor

Airflow Direction: Radial

Impeller Material: Sheet steel, galvanized

Housing Material: Die-cast aluminum

Installation Position: Any

Degree of Protection: IP40

Operating Temperature: -25 - +80 °C

Service Life (L10 @ 40 °C): 30000 h

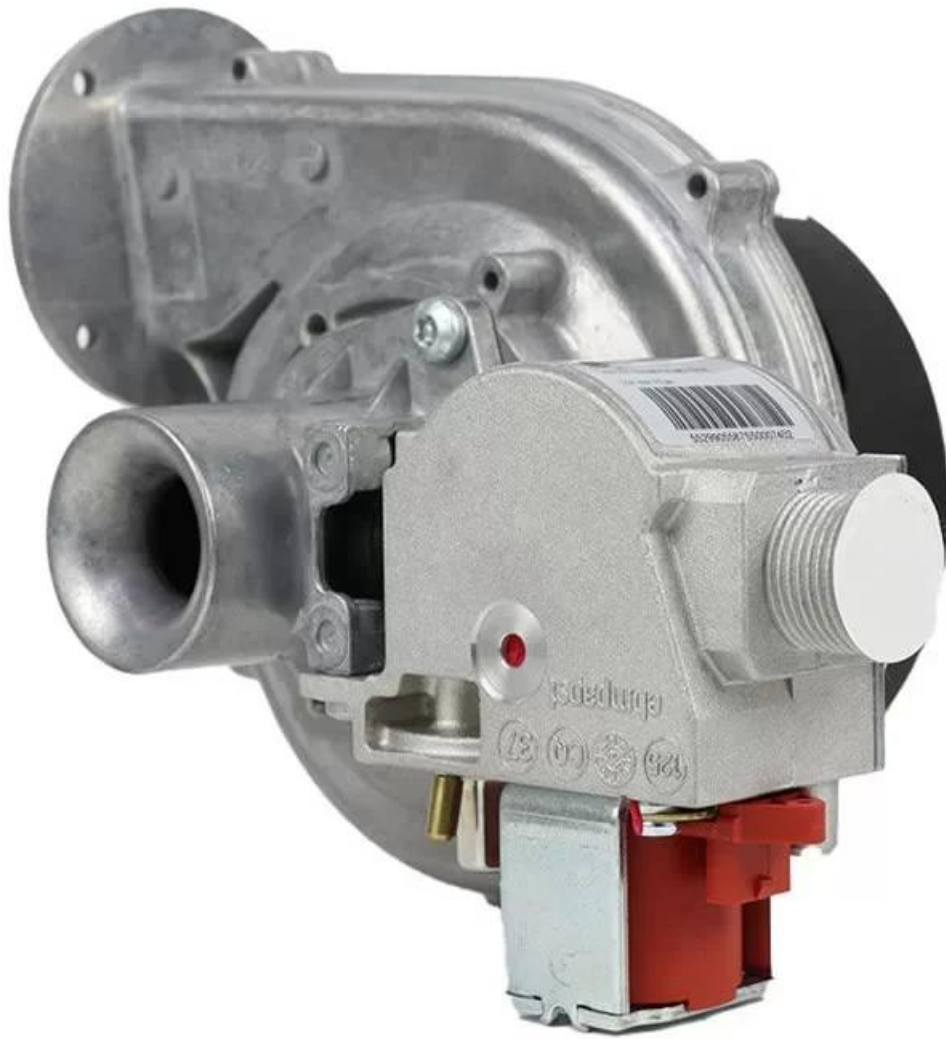
Standard Compliance: EN 60335-1; CE

Approval Agency: VDE, CE

Application

The ebmpapst NRV118/3040-3612-030204 AC fan is primarily utilized in gas-fired wall-mounted boilers, condensing boilers, combustion air blowers, and industrial heating systems.

Product Images









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