

# 70530108 GPM7.0 Fasco 120-240V 520W Centrifugal Blower

**SKU:** 70530108 GPM7.0

**Price:** \$953.68

**Categories:** Fans

**Tags:** FASCO

**Product Link:**

<https://www.electspares.com/product/70530108-gpm7-0-fasco-120-240v-520w-centrifugal-blower/>

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## Product Description

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The Fasco 70530108 GPM7.0 is a high-performance 120-240V Centrifugal Blower specifically engineered for mission-critical forced draft applications in Premix Low-NOx Condensing Steam Generators and high-efficiency burner systems. Driven by a specialized high-speed motor with maintenance-free double ball bearings, this heavy-duty unit operates on a wide voltage range of 120 - 240 VAC delivering a Max. Power Consumption of 520 W and a Max. Current Draw of 2.3 A at a rated speed of 7300 RPM. This High-performance unit is optimized to overcome significant static pressure in condensing heat exchangers, providing a Max. Air Flow of 226.6 CFM (385.0 m<sup>3</sup>/h / 6.42 m<sup>3</sup>/min) and a Max. Static Pressure of 285.53 mmH<sub>2</sub>O (2800.0 Pa / 11.24 inAq). Featuring intelligent speed regulation via PWM/0-10V control input, soft start, and locked-rotor protection, this 36-blade unit with sheet steel construction ensures precise gas-air premixing and high operational reliability in intense thermal environments at the end.

70530108 GPM7.0 Fan Parameters

Model Number: 70530108 GPM7.0

Manufacturer: Fasco

Type: Centrifugal Blower (Premix Burner Blower)

Impeller Size: 150 mm

Weight: 3.5 kg

Bearing Type: Ball bearing

Phase: 1~

Nominal Voltage: 230 VAC

Nominal Voltage Range: 120 - 240 VAC

Frequency: 50 / 60 Hz

Max. Current Draw: 2.3 A

Max. Power Consumption: 520 W

Rated Speed: 7300 RPM

Max. Air Flow: 226.6 CFM (385.0 m<sup>3</sup>/h / 6.42 m<sup>3</sup>/min)

Max. Static Pressure: 285.53 mmH<sub>2</sub>O (2800.0 Pa / 11.24 inAq)

Working Air Flow: 385.0 m<sup>3</sup>/h

Static Pressure Increase: 2800.0 Pa

Control Interface: PWM / 0-10 VDC

Output Signal: Tach output

Number of Blades: 36 (Forward curved)

Technical Features: Soft start; Motor current limitation; Locked-rotor protection

Motor Protection: Electronic motor protection; Over-temperature protection

Touch Current (IEC 60990): ≤ 3.5 mA

Insulation Class: "B"

Degree of Protection: IP44

Protection Class: I (if protective earth is connected)

Impeller Material: Sheet steel

Housing Material: Die-cast aluminum

Direction of Rotation: Clockwise (viewed from motor side)

Installation Position: Any

Mode: S1

Ambient Temperature (Max.): 60 °C

Min. Operating Temperature: -20 °C

Standard Compliance: EN 60335-1; CE

Approval: CCC; CE; UL

#### Application

The Fasco 70530108 GPM7.0 blower is the primary forced-draft component for premix low-NO<sub>x</sub> condensing steam generators and burner systems requiring high-speed modulation and massive static pressure for efficient air-fuel mixing.

## Product Images

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Scan for product details:

