

70530110 GPM10.0H Fasco 380-480V Premix Burner Blower

SKU: 70530110 GPM10.0H

Price: \$2,739.29

Categories: Fans

Tags: FASCO

Product Link:

<https://www.electspares.com/product/70530110-gpm10-0h-fasco-380-480v-premix-burner-blower/>

Product Description

The Fasco 70530110 GPM10.0H is an industrial-grade 380-480V Centrifugal Blower specifically engineered for mission-critical forced draft applications in high-capacity Premix Low-NOx Condensing Steam Generators and burner systems. Driven by a high-efficiency three-phase motor with reinforced double ball bearings, this heavy-duty unit operates on an industrial 380 - 480 VAC supply delivering a Max. Power Consumption of 2600 W and a Max. Current Draw of 5.5 A at a rated speed of 6700 RPM. This High-performance unit is optimized to overcome massive static pressure in utility-scale condensing heat exchangers, providing a Max. Air Flow of 647.4 CFM (1100.0 m³/h / 18.33 m³/min) and a Max. Static Pressure of 662.81 mmH₂O (6500.0 Pa / 26.11 inAq). Featuring intelligent speed regulation via PWM/0-10V control input, soft start, and locked-rotor protection, this 42-blade unit with rugged die-cast aluminum construction ensures precise gas-air premixing and high operational reliability in intense thermal environments at the end.

70530110 GPM10.0H Fan Parameters

Model Number: 70530110 GPM10.0H

Manufacturer: Fasco

Type: Centrifugal Blower (Premix Burner Blower)

Impeller Size: 180 mm

Weight: 9.8 kg

Bearing Type: Ball bearing (Heavy-load rated)

Phase: 3~

Nominal Voltage: 400 VAC

Nominal Voltage Range: 380 - 480 VAC

Frequency: 50 / 60 Hz

Max. Current Draw: 5.5 A

Max. Power Consumption: 2600 W

Rated Speed: 6700 RPM

Max. Air Flow: 647.4 CFM (1100.0 m³/h / 18.33 m³/min)

Max. Static Pressure: 662.81 mmH₂O (6500.0 Pa / 26.11 inAq)

Working Air Flow: 1100.0 m³/h

Static Pressure Increase: 6500.0 Pa

Control Interface: PWM (0.1 - 6.0 kHz) / 0-10 VDC

Output Signal: Tach output (Speed signal)

Number of Blades: 42 (Forward curved)

Technical Features: Soft start; Motor current limitation; Locked-rotor protection; Over-temperature protected electronics; Line undervoltage detection

Motor Protection: Electronic motor protection; Phase failure detection

Touch Current (IEC 60990): ≤ 3.5 mA

Insulation Class: "B"

Degree of Protection: IP54

Protection Class: I (if protective earth is connected)

Impeller Material: Aluminum

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 70530110 GPM10.0H blower is the primary forced-draft component for industrial-scale premix low-NO_x condensing steam generators and burner systems requiring ultra-high static pressure and stable air-fuel modulation.

Product Images









Scan for product details:

