

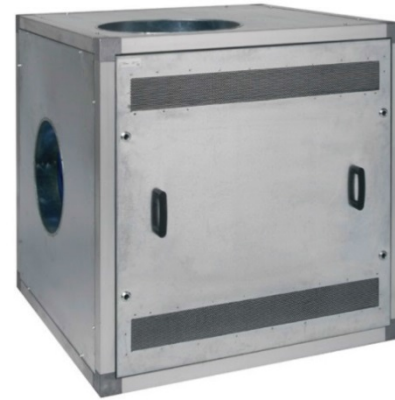
## Exhaust Fan Specifications – 3825 CFM, 8 in. WG

The exhaust fan is made of steel, and the housing is steel with aluminum profiles and corners. It is used in central weld fume extraction systems or general filtration systems.

The direct-drive fan is mounted in a sound-absorbing box with an inspection cover either on the left (“LI” type) or on the right (“RI” type). The fan is equipped with flexible inlet and outlet adapters and placed on shock absorbers.

The three-phase fan motor features a Class F insulation system and includes a PTC thermistor for protection from thermal overload.

When combined with a central filter unit, the fan must be connected to the outlet side of the filter unit.



Fan with Left Inspection Cover shown

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### TECHNICAL SPECIFICATIONS

Airflow*	3825 CFM (6503 m <sup>3</sup> /hr.)
Static Pressure*	8 in. WG (1992 Pa)
Fan Model	SF9000
Inspection Cover	Right (RI)
Drive	Direct
Rotation/Discharge	Clockwise/Up Blast
Motor Horsepower / Sync Speed	7.5 hp (5.5kW) / 3000 rpm
Motor Enclosure	IP55
Input Power (Volts/Phase/Hz)	400-690/3/50 (suitable for 460/3/60)
Nom. FL Current	10.6 amps @ 400V
PTC Thermistor	Yes
Overall Dimensions (H x W x D)	43.3 x 43.3 x 43.3 in. (1100 mm x 1100 mm x 1100 mm)
Inlet/Outlet Dimensions (Interior)	15.7 in. / 19.7 in. (400 mm / 500 mm)
Net Weight (approx.)	496 lb. (225 kg)

\* 68°F (20 °C), 0 ft. ASL, Density = 0.064 lb./ft.<sup>3</sup>

*Subject to Change – This information is accurate to the best of our knowledge at the time of printing.*

The operation of welding fume control equipment is affected by various factors including proper use and positioning of the equipment, maintenance of the equipment and the specific welding procedure and application involved. Worker exposure level should be checked upon installation and periodically thereafter to be certain it is within applicable OSHA PEL and ACGIH TLV limits.