FILTER

SF

Portable welding fume extractor for temporary workstations



FUMEX

PURE ADVANTAGE



Dual motors deliver superior performance and efficiency

FUMEX SF - Portable welding fume extractor for temporary workstations where high filtration efficiency is essential.

FUMEX portable welding fume filters are available in two sizes: Series 150 and 300.

Welding fumes contains a large amount of very small, harmful particles, which is why FUMEX SE filters offer exceptionally high separation efficiency.

Models



SF **150**S

Compact entry-level model for welding applications at temporary workplaces. Easy to handle and takes up minimal space, for example in a service vehicle.

- Airflow: approx. 150 m³/h
- Filter: 0.95 m², 3 layers, cellulose/microglass/cellulose
- Filter class: H13 according to EN1822 = filtration efficiency >99.95% MPPS (Most Penetrating Particle Size)
- Max vacuum: >2100 mmWG
- Motor: approx. 1000 W
- Available in two versions: 115 V and 230 V.



SF **300**SE

Developed for more demanding applications. The SF300 is equipped with dual motors, providing an efficient base airflow and, when needed, a boosted airflow.

- Airflow: approx. 160 / 280 m³/h (2 speeds)
- Filter: 2 m², 3 layers, cellulose/microglass/cellulose
- Filter class: H13 according to EN1822 = filtration efficiency >99.95% MPPS (Most Penetrating Particle Size)
- Max vacuum: >2100 mmWG
- Motor: 2 × 1000 W
- Indicator light for filter replacement
- Function: Two speeds for light/heavy welding
- Available in two versions: 115 V and 230 V.



SF **300**SE/A

Equipped with a clamp sensor that is placed on the welding ground cable for automatic start/stop of the filter.

- Airflow: 280 m³/h
- Filter: 2 m², 3 layers, cellulose/microglass/cellulose
- Filter class: H13 according to EN1822 = filtration efficiency >99.95% MPPS (Most Penetrating Particle Size)Max vacuum: >21 kPa
- Motor: 2 × 1000 W
- Filter replacement indicator light
- Available in two versions: 115 V and 230 V.

Accessories & spare parts



TM **180**

Funnel nozzle with magnetic base.
With Ø180 mm conical hood.



SM **220**

Slot nozzle with magnetic base.
With a 220 mm wide slot hood.



FGH **300**

Holder for gas filter, compatible with SF 300 models. To be completed with activated carbon gas filter FG 300 (6 kg).

Replacement filters

SF 150 – FS-150
SF 300 – FSE-300
SF 300 – gas filter
FG 300 (6 kg)

TECHNICAL DATA	SF 300SE/A	SF 300SE	SF 150S
Airflow m^3/h	280	280 / 160	150
Filter class (EN 1822)	H13	H13	H13
Filter area m^2	2	2	0,95
Separation efficiency MPPS	99,95	99,95	99,95
Max vacuum kPa	21	21	21
Motor power W (1-phase, 220 V, 50 Hz)	2×1000 (1-hast)	2×1000 (2-hast)	1000 (1-hast)
Dimensions mm (L×H×W)	600×220×330	600×220×330	Ø400×500
Weight kg	19	18	12
Hose	Ø50 mm, 3.75 m	Ø50 mm, 3.75 m	Ø45 mm, 3.75 m
Frequency Hz	50/60	50/60	50/60
Voltage model /115	115 V	115 V	115 V
Voltage model /230	230 V	230 V	230 V
Rated current	8.5 A	8.5 A	4.3 A
Power cable m	5	5	5

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