



# 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 150S

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 m<sup>3</sup>/h
- Filter: 0.95 m<sup>2</sup>, 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 300SE

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 m<sup>3</sup>/h (2 speeds)
- Filter: 2 m<sup>2</sup>, 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 300SE/A

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

- Airflow: 280 m<sup>3</sup>/h
- Filter: 2 m<sup>2</sup>, 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 <sup>3</sup> /h	280	280 / 160	150
Filter class (EN 1822)	H13	H13	H13
Filter area m <sup>2</sup>	0,95	2	2
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	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	50	50
Voltage model /115	115 V	115 V	115 V
Voltage model /230	230 V	230 V	230 V
Power cable m	5	5	5

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