

FILTER



SF

Portable welding fume extractor for temporary workstations



MOVEX
PURE ADVANTAGE



Dual motors deliver superior performance and efficiency

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

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

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

Models



SF 150S

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

- Airflow: approx. 90 CFM
- Filter: 10.2 ft², 3 layers, cellulose/microglass/cellulose
- Filter class: H13 according to EN1822 = filtration efficiency >99.95% MPPS (Most Penetrating Particle Size)
- Max vacuum: >83 in. H₂O
- Motor: approx. 1.3 hp
- Available in two versions: 115 V and 230 V



SF 300SE

Developed for more demanding applications. The SF 300 is equipped with dual motors, providing a consistent base airflow and, when needed, boosted airflow.

- Airflow: approx. 95 / 165 CFM (2 speeds)
- Filter: 21.5 ft², 3 layers, cellulose/microglass/cellulose
- Filter class: H13 according to EN1822 = filtration efficiency >99.95% MPPS (Most Penetrating Particle Size)
- Max vacuum: >83 in. H₂O
- Motor: approx. 2 × 1.3 hp
- Indicator light for filter replacement
- Function: Two speeds for light and heavy welding
- Available in two versions: 115 V and 230 V



SF 300SE/A

Equipped with a clamp sensor mounted on the ground cable for automatic start/stop of the unit.

- Airflow: approx. 165 CFM
- Filter: 21.5 ft², 3 layers, cellulose/microglass/cellulose
- Filter class: H13 according to EN1822 = filtration efficiency >99.95% MPPS (Most Penetrating Particle Size)
- Max vacuum: >84 in. H₂O
- Motor: approx. 2 × 1.3 hp
- Filter replacement indicator light
- Available in two versions: 115 V and 230 V

Accessories & spare parts



TM 180

Funnel nozzle with magnetic base and Ø7 in. conical hood.



SM 220

Slot nozzle with magnetic base and a 8.7 in. wide slot hood.



FGH 300

Holder for gas filter, compatible with SF 300 models. To be used with activated carbon gas filter FG 300 (approx. 13.2 lb).

Replacement filters

SF 150 – FS-150

SF 300 – FSE-300

SF 300 – gas filter

FG 300 (approx.

13.2 lb)

TECHNICAL DATA	SF 300SE/A	SF 300SE	SF 150S
Airflow (CFM)	approx. 165	approx. 165 / 95	approx. 90
Filter class (EN 1822)	H13	H13	H13
Filter area (ft ²)	10.2	21.5	10.2
Separation efficiency (MPPS)	99.95%	99.95%	99.95%
Max vacuum (in. H ₂ O)	84	84	84
Motor power (hp, single-phase)	2 × 1.3	2 × 1.3 (2-speed)	1.3 (1-speed)
Dimensions (in., L×H×W)	23.6 × 8.7 × 13.0	23.6 × 8.7 × 13.0	Ø15.7 × 19.7
Weight (lb)	41.9	39.7	26.5
Hose	Ø2 in., 12.3 ft	Ø2 in., 12.3 ft	Ø1.8 in., 12.3 ft
Frequency (Hz)	50 / 60	50 / 60	50 / 60
Voltage (115 V model)	115 V	115 V	115 V
Voltage (230 V model)	230 V	230 V	230 V
Power cable (ft)	16.4	16.4	16.4

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