

PORTABLE WELD-FUME FILTER

SF

Portable weld-fume filter for temporary worksites where efficient filtration is important



The FUMEX weld-fume filters form part of a complete extraction program in three sizes; series 300, 200 and 150.

Welding fumes contain large amounts of fine particles that are a serious health hazard. For this reason, the FUMEX filter SF offers the best level of filtration currently available on the market.

The SF-filter is made up of three layers; a *pre-filter* efficient to 95-97%, a *fine filter* efficient to 97-99% and a *micro filter* efficient to 99.997% for particles $>0.3 \mu\text{m}$.

The result when filtering weld-fumes with filter media of three different degrees of collecting efficiency is presented in the diagram below.

Starting point: before filtration there are 300 000 particles $>0.3 \mu\text{m}$ in 10 l air.	
Collecting efficiency	No. of particles after filtration
98%	6000
99%	3000
99,997%	9

Carbon filter cartridges for gas-mixed air are available on request.

The FUMEX SF weld-fume filter is supplied complete with filter cartridge, 3.75 m extraction hose and 5 m electric cable. Model 300 SE is also equipped with two-stage operation and an indicator light for filter change.

Accessories: different nozzles on magnetic support, rubber sleeve for connection to welding pistol etc. as well as rubber y-adapter for branching off from welding filter to 2 hoses, all available on request.

Fumex also offers a range of fans, accessories and automatic control devices for our local extractors

FUMEX®

LOCAL EXTRACTOR

Pure advantage

ACCESSORIES

150S, 200S, 200SE, 300SE

TM-80



SM-220



NOZZLES with magnetic support

TM-80 Funnel type nozzle, 80 mm

TM-180 Funnel type nozzle, 180 mm

SM-220 Fishtail nozzle, width 200 mm

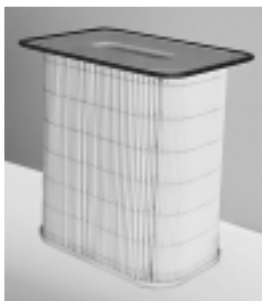
TM-180



FSE-300



FS-200



FILTERS

FSE-300 3-stage filter H13 according to EN 1822

FS-200 2-stage filter H11 according to EN 1822

FS-150 2-stage filter H13 according to EN 1822

FG-300 Gas filter, carbon, 9 litres

FGH-300 Gas filter holder

FGH-300



FG-300



FS-150



	SF 300SE	SF 200SE	SF 200S	SF 150S
Air flow m ³ /h	280/160	160	160	150
Filtration level acc. to EN 1822	H13	H13	H11	H13
Collecting efficiency % acc. to DOP 0.3 µm	99,997	99,997	99	99,997
Max vacuum kPa	22	22	22	22
Motor capacity W 1 phase, 220 V, 50 Hz	2x1000 2-hast	1000 1-hast	1000 1-hast	1000 1-hast
Ext. measurements mm (LxWxH)	600x220x330	600x220x330	600x220x330	Ø400x500
Weight kg	18	16	16	12
Hose mm	Ø50 3.75 m	Ø45 3.75 m	Ø45 3.75 m	Ø45 3.75 m

FUMEX®

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