



STENHØJ

INTO THE FUTURE



STENHØJ INDUSTRIAL FILTERS

SF-SERIES

STENHØJ KOMPRESSOR A/S | BARRIT LANGGADE 188-190 | DK-7150 BARRIT | TLF +45 7682 1260 – FAX +45 7682 1226 | www.stenhoj.dk





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STENHØJ INDUSTRIAL FILTERS

STENHØJ SF filter housing

The SF filter series is designed to cover industry's filtration requirements in countless different processes using compressed air and gases.

STENHØJ active charcoal units:

Active charcoal unit type A:
Used for the removal of oil aerosols and flavouring substances, for diving air and filtering ahead of sterile filters. Can also be used in the chemical industry.

STENHØJ prefilter unit:

Prefilter type P:
Particle filtration and removal of water ahead of microfilters (M) and supermicrofilters (S).

Prefilter type B:
Particle filtration and removal of water ahead of microfilter (M) and supermicrofilter (S). Used at temperatures of up to 120 degrees in the medium to be filtered.

STENHØJ filter units:

Fine filter type V:
Upstream filtering ahead of refrigerant type dryers to remove oil, water and particles. The filter is also used for filtering downstream of adsorber dryers.

Microfilter type M:
Used for final filtering of process air, adsorber dryer filtering and general filtering in the food industry.

Supermicrofilter type S:
Used like the microfilter (M) for process air, adsorber dryers and in the food industry. This can also be fitted upstream of the active charcoal filter (A) for diving air.

The design of the filters gives you a number of advantages:

- High output
- Efficiency
- A compact filter
- User-friendliness
- Flexibility
- Reliable filtering in accordance with ISO 8573-1
- Nine different sizes of filter cover STENHØJ's compressors with outputs from 2-120 kW
- Clearance of only 5 cm is required beneath the filter for replacement thanks to the bayonet coupling
- Wall mountings and coupling sets are available for the filter housings



FILTER HOUSING	OUTPUT	OUTPUT	OUTPUT	CONNECTION
Type	At 7 bar m ³ /h	At 7 bar m ³ /min	At 7 bar CFM	Thread, BSP
SF35	35	0.58	20.59	1/4
SF70	70	1.16	41.19	1/2
SF120	120	2.00	70.62	1/2
SF210	210	3.50	123.58	1
SF320	320	5.33	188.32	1
SF450	450	7.50	264.82	2
SF600	600	10.00	353.10	2
SF750	750	12.50	441.37	2
SF1100	1100	18.33	647.35	2

FILTER HOUSING	WEIGHT	WIDTH	DEPTH	HEIGHT
Type	Kg	mm	mm	mm
SF35	0.5	76	85	254
SF70	0.9	103	107	297
SF120	1.0	103	107	341
SF210	2.0	139	140	382
SF320	2.2	139	140	442
SF450	5.2	190	203	586
SF600	5.2	190	203	586
SF750	5.2	190	203	586
SF1100	7.2	190	203	764

FILTER TYPE	DEGREE OF EFFICIENCY		RESIDUAL OIL CONTENT, MG/M ³ *
	Relative to particle size Micron	%	
P	25	100	
B	25	100	
A			0.003
V	0.01	99.6	< 0.2
M	0.01	99.7	< 0.2
S	0.01	99.8	< 0.01

* = At 3 mg/m³ measured at 1 bar absolute pressure - 20 degrees.

STENHØJ KOMPRESSOR A/S manufactures and distributes a wide range of piston compressors, screw compressors and air treatment equipment for compressed air installations.

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FILTER UNITS - CORRECTION OVERVIEW

Working pressure, bar	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
Correction factor	0.25	0.38	0.5	0.63	0.75	0.88	1	1.13	1.25	1.38	1.5	1.63	1.75	1.88	2	2.13



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