



Stationary filter cabinet with the option of several filter steps, standard equipped with compact filter F9 as well as 2 pcs. Minihelic-differential pressure manometer. Incl. suspension for HEPA-filter with measurement 610x610x292mm.

Air volume:	Up to 4,000m ³ /h
Vacuum:	Up to 5,000Pa
Filter area:	Pre-filter: 0.5m ² F9: 19m ² Optiona H13 (max. height 292mm)
Filtration efficiency:	F9
Filtr. eff. with HEPA-filter:	H13

Description

- Process air max. +60°C enters through inlet connection at the bottom in side of SKF
- Separation of particles occurs through 2-3 steps:
 1. Pre-sepaation in washable grease filter (pore filter 35)
 2. Fine filtration in compact filter F9
 3. Option for HEPA-filter (H13)
- Filtered particles are collected in the filters
- Clean air is led out through outlet connection in top.

Easy connection and operation:

Filter cabinet SKF is placed on the floor on the included 400mm-legs or can be mounted on the wall with FLEX-mountings. Inlet is standard placed in left side, but can be moved to the right side.



Inlet connection can optional be placed right/left

Inlet connection is standard mounted in left side, but can easily be moved to the right.



Filter replacement by front door

Filter replacement can be performed through front door.



Option HEPA-filter

Som et eventuelt 3. filtertrin kan HEPA/H13 tilvælges.



Differential pressure drop over filters

For easy monitoring of filter soiling Minihelic differential pressure manometer ist built into front door of SKF.

Filter monitoring: Continuous monitoring must be kept with pressure drop above filters for timely replacement of these. For this Minihelic-differential pressure manometer ist mounted in front door.

Filter material:

Standard

Pore filter
(Filter step 1)

Material

Pore filter 35 open-celled polyurethane foam (washable) mounted in aluminium frame 495x495x50mm

Filtration efficiency

Up to 85%

Compact filter
(Filter step 2)

Synthetic filter material mounted in plastic frame 592x592x290mm

> 95% corresponding to filter class F9 according to DS EN779

Tilvalg:

HEPA-filter
(Filter step 3)

HS-Mikro SFV
High Efficiency Particular Air filter, micro-filter (glass fiber) mounted in metal frame 610x610x292mm

> 99,95% corresponding to filter class H13 according to DS EN1822



Photo: Pore filter 35

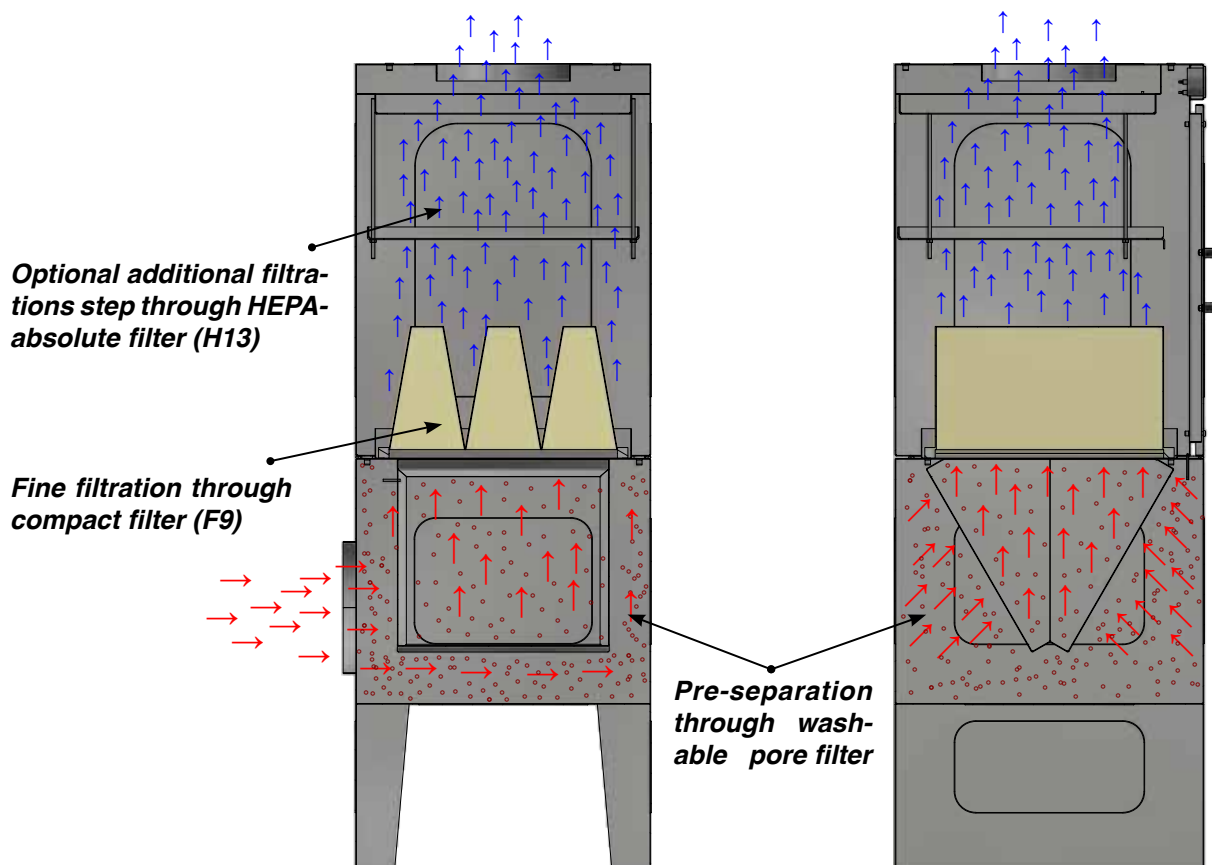


Photo: Compact filters F9



Photo: HEPA-filters

Principle sketch for flow through filter cabinet type SKF with optional HEPA-filter:



Construction/surface

Filter cabinet is made in 1.5mm black steel plate
Surface powder enamelled RAL 5007/7011 structure

Further is available:

- Version in hot-galvanized, enamelled steel plates for outdoor mounting
- Fan module M7 for mounting on top of SKF 4000

Filter cabinet type SKF is available in the size as stated in the form below.

Please, contact us for assistance in selecting the optimal unit taking into consideration air volume, type and volume of cooling lubricant, operation times etc.

Type	Gram no.	ΔP start/stop ¹⁾ [Pa]	Filter area [m ²]	Max. capacity [m ³ /h]	Number pre-filter ²⁾	Number fine filter F9 ³⁾	Number Minihelic- differential pressure manometer ⁴⁾	(Option) Number absolute filter (HEPA / H13) ⁵⁾	ΔP start/stop ¹⁾ With HEPA [Pa]	Weight [kg]
SKF 4000	04 395 000	900/1200	19	4000	2	1	2	1	1100/1500	125

¹⁾ Pressure drop stated above filter.

²⁾ Pore filter 35 in aluminium frame, 495x495x50mm (08 178 000)

³⁾ Compact filter F9 in plastic frame, 592x592x292mm (08 291 500)

⁴⁾ Minihelic-differential pressure manometer 0-1kPa (09 500 200)

⁵⁾ Absolute filter in metal frame, HEPA/H13, 610x610x292mm (08 177 900)

Cabinet type SKF 4000:

