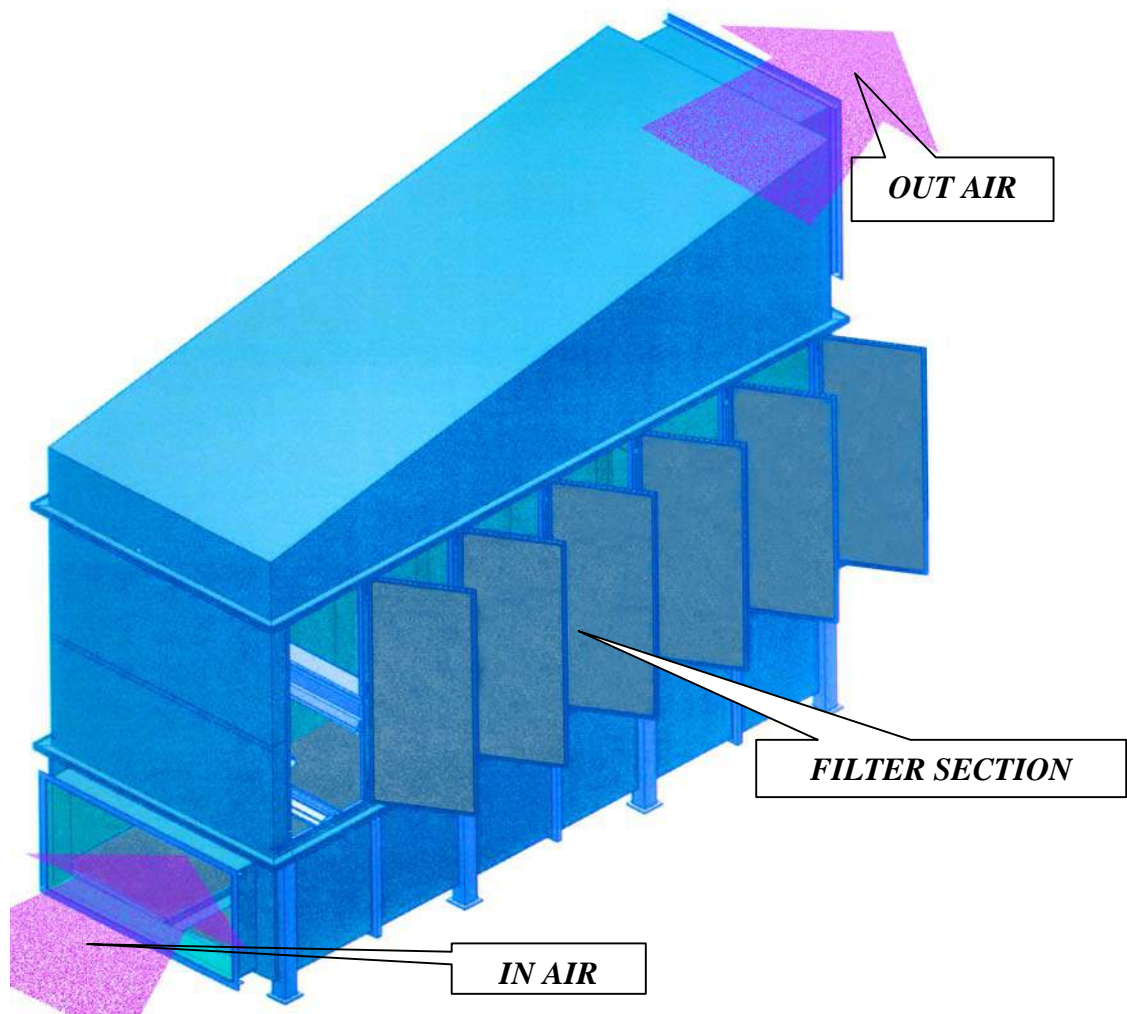


FILTER FOR VAPOURS AND HYDROCARBONS SERIES FV

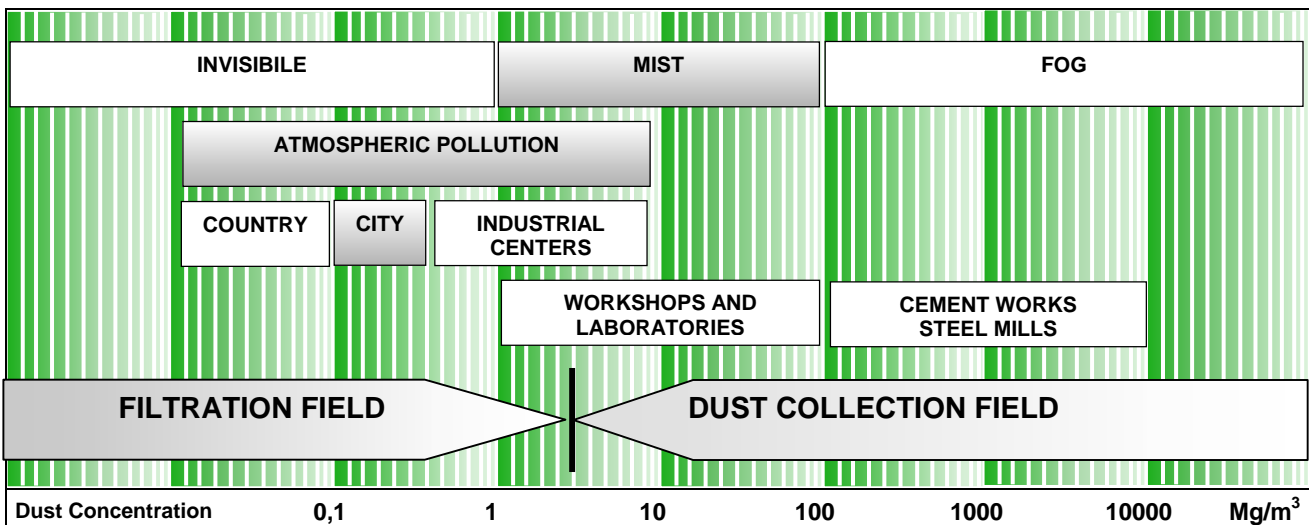
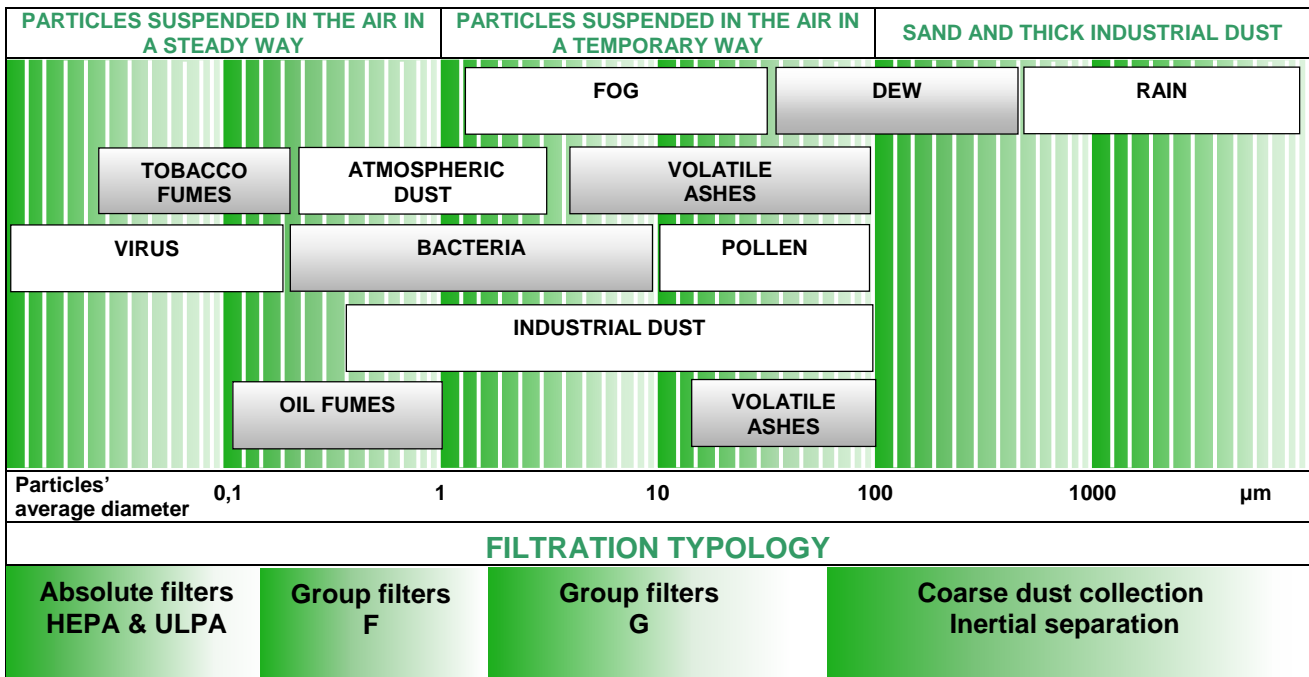


Particularly adapted for the collection and filtration of the air containing the suspended vapours of oil, diesel oil and other hydrocarbons.

The FV dry-filters series is particularly adapted for the collection and filtration of air containing the suspended vapours of oil, diesel oil and other hydrocarbons. The filtering efficiency varying by the type of the installed filtering sections can reach 99,9%, according the Ashrae methods.

The following table shows that the suspended vapours, oil and hydrocarbon fumes have the granulometry from 0,1 to 1 micron.

The FV series filters make part of the F-type filters, and consequently are suitable for this duty.



TECHNICAL CHARACTERISTICS

The FV filters are of a modular type and can be employed for filtration plants with the capacity from 10.000 m³/h to 120.000 m³/h.

When the higher efficiency is requested or when the filtered air is recycled, the filtering units of this series could be equipped with absolute filters.

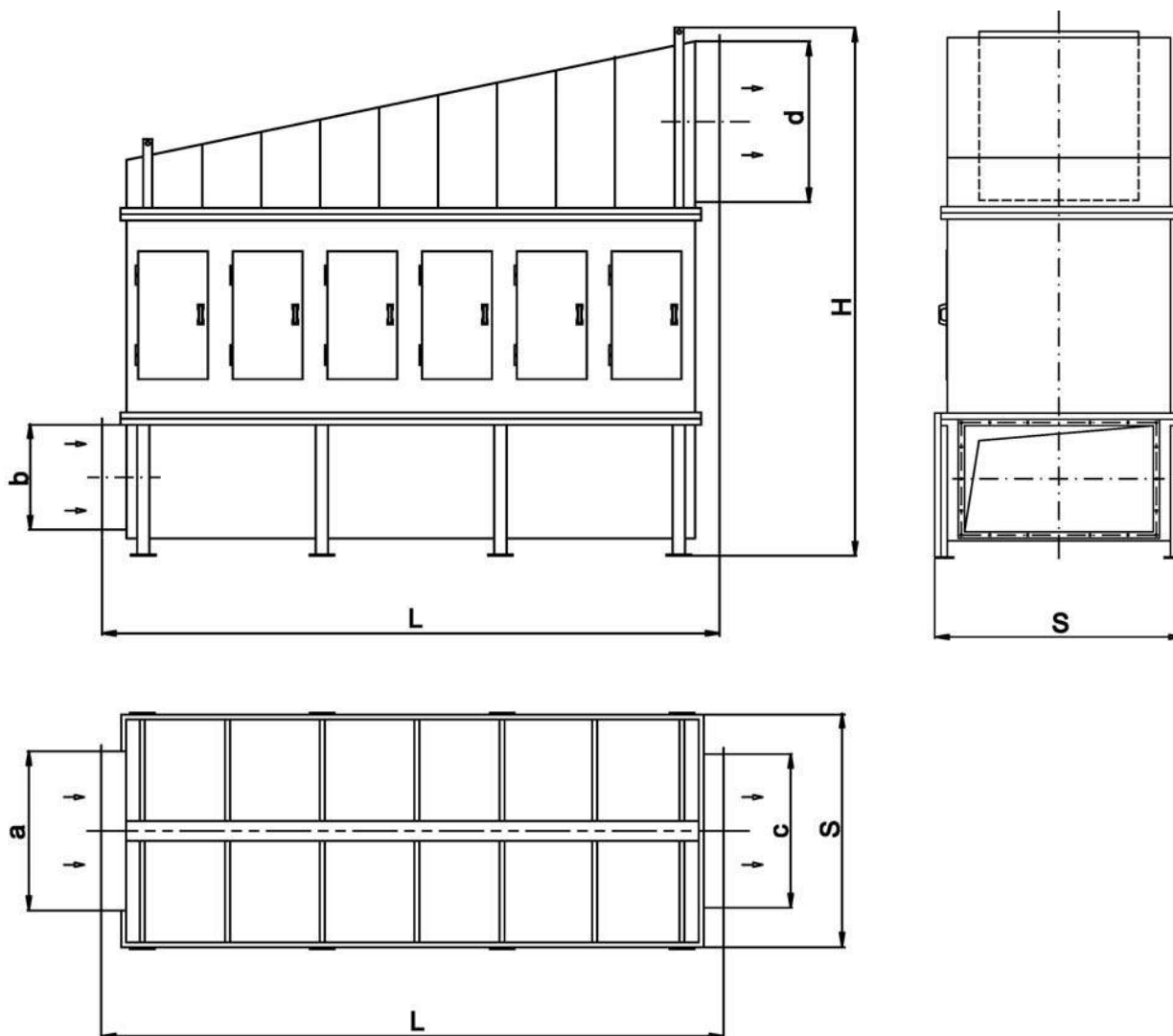
When the higher capacities are requested, the filtering units can be installed paired in parallel. This is one of the reasons why the base units are designed with a single access for the filters.

The filters have the following characteristics:

- The outside section has the structure made of box-type steel profiles of a suitable thickness and metallic sandwich-type welded panels perfectly sealed to the carrying structure. Inside the double-wall panels there are the rock-wool panels that help to avoid the condensation phenomena on the components and also to reduce the external noise level. There are the flanged inlet and outlet air openings on the end sides of the envelope. The inlet opening is situated in the lower part of the structure, and the outlet opening is on its opposite upper side. Furthermore, on one of the sides there are large inspection doors to permit the access to the filters. The condensate drains are in the lower part of the structure. The filter's structure is designed to resist the power loss of 500 kg/m².
- The filtering section has several levels of filters. Generally the filters are of three levels and have a gradual efficiency.
 - G2-type metallic or viledon filters
 - G4-type glass balls filters
 - G8-type bag filters of varied efficiency

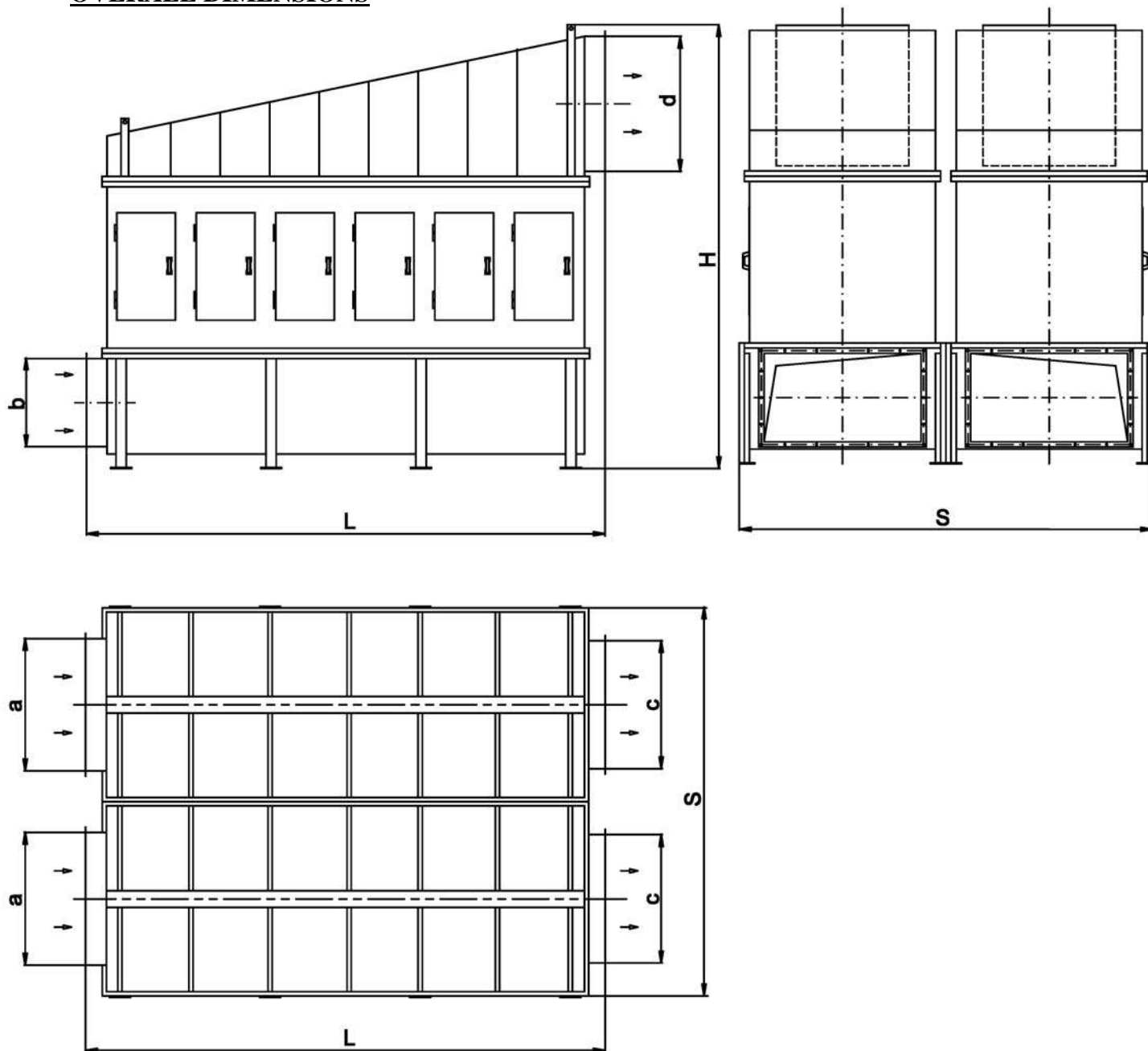
On request, it is possible to add the final stage of G13-type absolute filters

OVERALL DIMENSIONS



Type	Capacity m ³ /h	L	H	S	a	b	c	d	Doors Nr.
FV 1	10.000	1350	3450	1950	1500	200	1000	300	1
FV 2	20.000	2100	3700	1950	1500	350	1000	550	2
FV 3	30.000	2850	4000	1950	1500	500	1000	850	3
FV 4	40.000	3600	4000	1950	1500	650	1300	850	4
FV 5	50.000	4350	4250	1950	1500	750	1300	1100	5
FV 6	60.000	5100	4450	1950	1500	850	1300	1300	6

OVERALL DIMENSIONS



Type	Capacity m ³ /h	L	H	S	a	b	c	d	Doors Nr.
2FV 4	80.000	3600	4000	3900	1500	650	1300	850	8
2FV 5	100.000	4350	4250	3900	1500	750	1300	1100	10
2FV 6	120.000	5100	4450	3900	1500	850	1300	1300	12