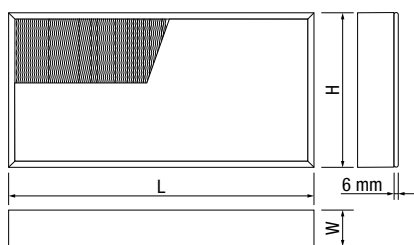
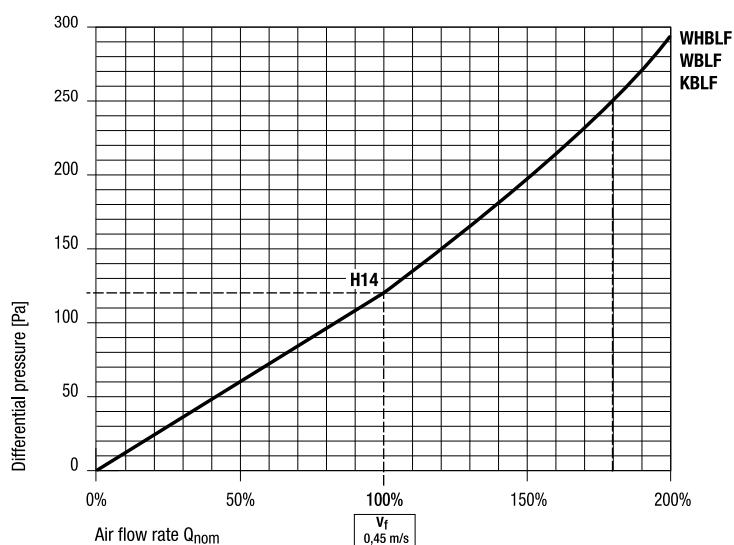


WHBLF / WBLF / KBLF

Code	Dimensions [mm]				Airflow rate Q nominal			Filtering surface	Initial differential pressure
WHBLF/WBLF KBLF	L	H	WHBLF W	WBLF / KBLF W	[m³/h]	[m³/s]	[cfm]	[m²]	[Pa]
3	305	305	78	149	150	0,042	88	2,5	120
42	610	305	78	149	300	0,083	177	5	120
43	457	457	78	149	340	0,094	200	5,5	120
41	610	457	78	149	450	0,125	265	7	120
4	610	610	78	149	600	0,167	353	10	120
7	762	610	78	149	750	0,208	441	12	120
8	915	610	78	149	900	0,250	530	14	120
9	1219	610	78	149	1200	0,333	706	20	120
10	1524	610	78	149	1500	0,417	883	24	120
11	1829	610	78	149	1800	0,500	1059	28	120
71	762	762	78	149	940	0,261	553	15	120
72	915	762	78	149	1130	0,314	665	18	120
73	1219	762	78	149	1500	0,417	883	23	120
74	1524	762	78	149	1880	0,522	1107	29	120
75	1829	762	78	149	2260	0,628	1330	35	120



The filter maybe downgraded to a lower efficiency class,
if used at airflow higher than Q_{nom}



DELTA series - HEPA and ULPA filters for unidirectional flow

AB / AA / ABH / AAH

MAB / MAA / DAB / DAA

Characteristics	AB-ABH - MAB-DAB	AA-AAH - MAA-DAA
EN 1822-1:2019 Classification	H14	U15
MPPS efficiency	≥ 99,995%	≥ 99,9995%
Recommended final differential pressure	350 Pa	350 Pa
Maximum final differential pressure	600 Pa	600 Pa
Maximum operating temperature	70°C	70°C
Maximum relative humidity	90%	90%



HEPA and ULPA filters, available in various heights, are designed for environments requiring unidirectional airflow.

MATERIALS AND FINISH

- Anodised aluminium frame.
- Fire retardant glass microfibre filter media.
- Protection grids in anodised aluminium with epoxy paint finish.
- Continuous thermoplastic separators.
- Two-component polyurethane sealant.
- Two-component, seamless polyurethane gasket.

APPLICATION

As spare parts in isolators, clean banks, down-cross, and other equipment for cleanrooms.

DIF model terminal filters (refer to the DIF-DLS catalogue) for maintaining cleanliness in pharmaceutical production areas, machinery, and weighing systems.

Ceiling filtration systems in operating theatres and ancillary hospital rooms.

In microelectronics and semiconductor industry.

DEC-A - DEC-S extract grilles in controlled contamination environments (see page 93).

VERSIONS

- **LV** equaliser membrane on the air outlet side
- **ATEX**
 - II 2G Ex h IIC T6 Gb
 - II 2D Ex h IIC T85°C Db
 - with AISI 304 stainless steel protection grids
- **RLS** reverse liquid seal profile
- **LPD** only available for AB filters (initial differential pressure 20% lower than standard version)
- **ALPHA** for the food industry (refer to the dedicated catalogue)