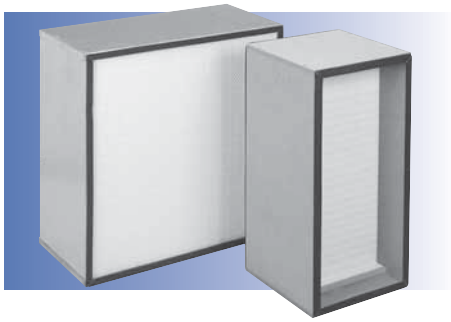


LLMB - KKMB

DELTA series absolute filters for duct flows

Product	LLMB	KKMB
*MPPS efficiency **	99,95 %	99,95 %
CEN EN 1822 classification	H 13	H 13
Suggested final pressure drop	600 Pa	600 Pa
Maximum pressure drop	1000 Pa	1000 Pa
Maximum operating temperature	70 °C	70 °C
Maximum relative humidity	90 %	100 %

**** Average efficiency. Punctual efficiency has an admitted penetration rate 5 times higher.***

DELTA LLMB-KKMB absolute filters have mini pleats and treat high air flows: 35% more than other models of equal sizes. They operate with a front air speed of 2.00 m/s.
Thanks to this feature, sizes are smaller and the costs of the ducts and spaces occupied are lower. Furthermore, compared to normal filters, due to the limited pressure drop, operating life is longer and there is a higher energy saving level for the fan motor.
Furthermore, the filters have a high construction quality, high dust holding capacity and great mechanical resistance.
These frames of these filters are made in two different materials: MDF (LLMB) and galvanized steel (KKMB). Both have a special one-piece gasket. All filters are tested individually and labeled as a guarantee of the measured features.

Applications LLMB and KKMB filters allow for various applications:

- Final stage in air treatment units for environments with cleanness class M4 and M5 (FS 290E)
- Protection for very high efficiency filters (ULPA)
- In Canister systems to ensure the emission levels in the exhausted air
- In line in Modulo systems to improve the efficiency of the filtering systems
- In DIF.K/DIF.S terminal hoods in clean rooms

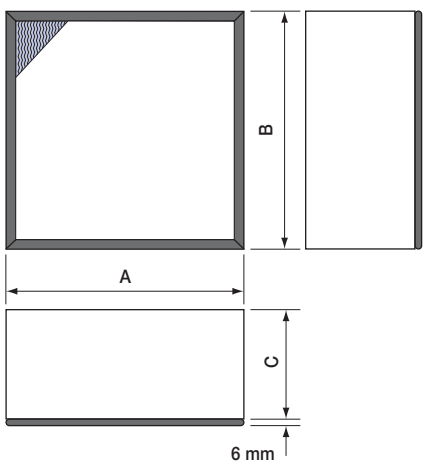
Installation LLMB and KKMB filters enable the use of the entire filtering surface. The use of proper pre-filters and high efficiency levels help increase its operating life. Frames and containers to facilitate and improve installation of the filters are available on request. LLMB models can be completely burned to ashes.

On request we can supply the version with H14 efficiency. For more information, please contact our Technical Office-Filtration Division.

Type LLMB KKMB	Sizes (mm) A		B		C	Nominal air flow rate Q. LLMB m³/h	KKMB m³/h	LLMB m³/sx10⁻³*	KKMB m³/sx10⁻³*	Filtering surface m² LLMB	KKMB	Initial pressure drop Pa
3 x	305	x	305	x	149	550	580	153	161	4,9	5,4	250
42 x	305	x	610	x	149	1200	1250	333	347	10,3	11,4	250
4 x	610	x	610	x	149	2500	2650	694	736	21,6	23,4	250
7 x	762	x	610	x	149	3100	3260	961	905	27,2	29,5	250
31	305	x	305	x	292	550	580	153	161	4,9	5,4	250
52	305	x	610	x	292	1200	1250	333	347	10,3	11,4	250
5	610	x	610	x	292	2500	2650	694	736	21,6	23,4	250
6	762	x	610	x	292	3100	3260	961	905	27,2	29,5	250

**1 m³/s x 10⁻³ = 1 l/s*

Size



Typical curves