

KB / KKB / KA / KKA

	KB - KKB	KA - KKA
EN 1822:2009 classification	H13	H14
MPPS efficiency	99,95%	99,995%
Suggested final pressure drop	600 Pa	600 Pa
Maximum pressure drop	1000 Pa	1000 Pa
Maximum operating temperature	100 °C	100 °C
Maximum relative humidity	90%	100%

Deep pleated filters, available in the entire range of HEPA efficiency classes, used in filtration stages for ventilation systems installed for critical or contamination controlled environments. They are available with two different thicknesses to offer ultimate flexibility and installation capacity. The galvanized steel frame provides the structure with high mechanical resistance.

Constant pleated aluminium separators allow these filters to operate in air temperature conditions up to 100° C.

MATERIAL AND FINISH

- Frame in galvanized steel.
- Filter packs in fire-proof micro-fibre glass.
- Polyurethane-based sealant.
- Aluminium separators.
- Continuous semicircular gasket, in seamless polyurethane.
- Aluminium protection grid on air inlet side.

APPLICATION

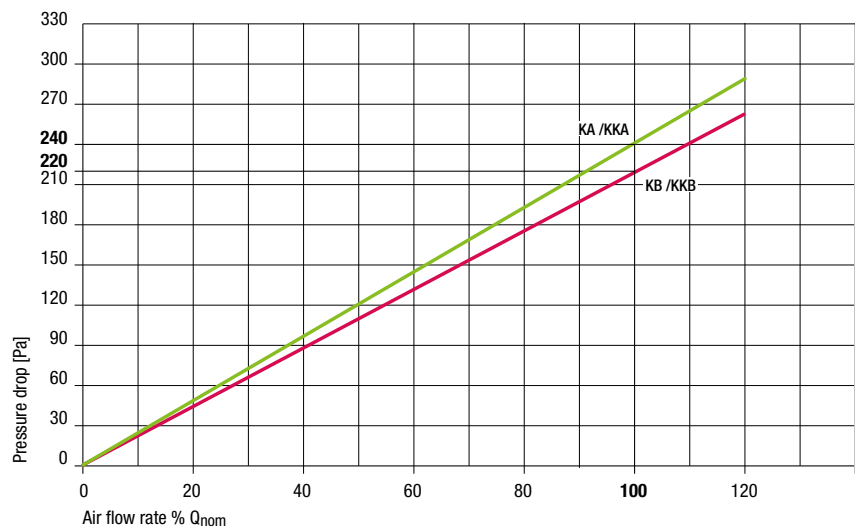
- Inside filtration sections of the air handling units.
- In housing systems for extracting air from contaminated environments - Canister systems (see page 109).
- In MODULO housings (see page 108).

VERSIONS

- Model L.. MDF multilayer wood frame.
- ATEX II 2 GD T6 with protective grid on air inlet side.
- AISI 304 stainless steel frame
- HT High temperature up to 120° C.

ACCESSORIES

- EPDM double flat gasket.
- Double protection grid, air inlet and outlet.

CHARACTERISTIC CURVES

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DIMENSIONS AND TECHNICAL DATA

Code	Dimensions [mm]			Nominal air flow rate Q						Filtering surface [m ²]	Initial pressure drop [Pa]		KB €	KA €
	L	H	W	KB			KA				KB	KA		
				[m ³ /h]	[l/s]	[ft ³ /min]	[m ³ /h]	[l/s]	[ft ³ /min]					
3	305	305	149	290	81	171	199	55	117	2,2	220	240		
43	457	457	149	680	189	400	466	129	274	5	220	240		
42	305	610	149	600	167	353	411	114	242	4,5	220	240		
4	610	610	149	1190	331	700	815	226	480	9,5	220	240		
31	305	305	292	550	153	324	377	105	222	4,7	220	240		
53	457	457	292	1320	367	777	904	251	532	10,4	220	240		
52	305	610	292	1100	306	647	753	209	443	9,3	220	240		
5	610	610	292	2200	611	1295	1507	419	887	19	220	240		
6	762	610	292	2750	764	1619	1884	523	1109	23,5	220	240		
55	287	595	292	950	264	559	651	181	383	8,8	220	240		-
54	595	595	292	1900	528	1118	1301	361	766	18,2	220	240		-

Code	Dimensions [mm]			Nominal air flow rate Q						Filtering surface [m ²]	Initial pressure drop [Pa]		KKB €	KKA €
	L	H	W	KKB			KKA				KKB	KKA		
				[m ³ /h]	[l/s]	[ft ³ /min]	[m ³ /h]	[l/s]	[ft ³ /min]					
31	305	305	292	750	208	441	514	143	303	6,5	220	240		
53	457	457	292	1700	472	1001	1164	323	685	15	220	240		
52	305	610	292	1500	417	883	1027	285	604	13,5	220	240		
5	610	610	292	3000	833	1766	2055	571	1210	27	220	240		
6	762	610	292	3750	1042	2207	2568	713	1511	34	220	240		

