

DELTA series - Deep pleated HEPA filters, for ducted airflow

KB / KKB / KA / KKA

Characteristics	KB - KKB	KA - KKA
EN 1822-1:2019 Classification	H13	H14
MPPS efficiency	≥ 99,95%	≥ 99,995%
Recommended final differential pressure	600 Pa	600 Pa
Maximum final differential pressure	1000 Pa	1000 Pa
Maximum operating temperature	100°C	100°C
Maximum relative humidity	100%	100%



Deep pleat filters, available in the full range of HEPA class efficiencies, used in filtration stages for ventilation systems serving critical or contamination-controlled environments. They are available in two different depths for utmost flexibility and compatibility for installation.

The frame, made entirely of galvanised steel, gives the structure considerable mechanical strength. The aluminium separators with constant pleating allow these filters to operate in air temperatures up to 100°C.

MATERIALS AND FINISH

- Galvanised steel frame.
- Fire retardant glass microfibre filter media.
- Polyurethane-based sealant.
- Aluminium separators.
- Two-component, seamless polyurethane gasket.

APPLICATION

Inside air handling unit filtration sections.
In housing systems for air extraction from contaminated environments - Canister Systems (see page 99).
In MODULO model duct housings (see page 98).

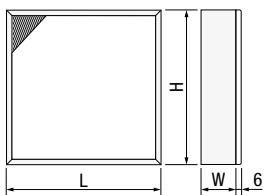
VERSIONS

- L MDF multilayer wood frame
- S AISI 304 stainless steel frame
- ATEX
 - II 2G Ex h IIC T6 Gb
 - II 2D Ex h IIIC T85°C Db
 - with aluminium protection grids
- HT120 high temperature up to a continuous 120°C.

ACCESSORIES

DG seamless, two-component, double polyurethane gasket.
RRA aluminum grids.

Code	Dimensions [mm]			Airflow rate Q nominal						Filtering surface	Initial differential pressure [Pa]		KB	KA
				KB			KA							
	L	H	W	[m³/h]	[m³/s]	[cfm]	[m³/h]	[m³/s]	[cfm]	[m²]	KB	KA	€	€
3	305	305	149	290	0,081	171	199	0,055	117	2,2	220	240		
42	305	610	149	600	0,167	353	411	0,114	242	4,5	220	240		
43	457	457	149	680	0,189	400	466	0,129	274	5	220	240		
4	610	610	149	1190	0,331	700	815	0,226	480	9,5	220	240		
31	305	305	292	550	0,153	324	377	0,105	222	4,7	220	240		
52	305	610	292	1100	0,306	647	753	0,209	443	9,3	220	240		
53	457	457	292	1320	0,367	777	904	0,251	532	10,4	220	240		
5	610	610	292	2200	0,611	1295	1507	0,419	887	19	220	240		
6	762	610	292	2750	0,764	1619	1884	0,523	1109	23,5	220	240		
55	287	592	292	950	0,264	559	651	0,181	383	8,8	220	240		
54	592	592	292	1900	0,528	1118	1301	0,361	766	18,2	220	240		



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													€	€
	L	H	W	KKB [m³/h]	[m³/s]	[cfm]	KKA [m³/h]	[m³/s]	[cfm]		KKB	KKA		
31	305	305	292	750	0,208	441	514	0,143	303	6,5	220	240		
52	305	610	292	1500	0,417	883	1027	0,285	604	13,5	220	240		
53	457	457	292	1700	0,472	1001	1164	0,323	685	15	220	240		
5	610	610	292	3000	0,833	1766	2055	0,571	1210	27	220	240		
6	762	610	292	3750	1,042	2207	2568	0,713	1511	34	220	240		

