

KR / KS

Characteristics	KR	KS
EN 1822-1:2019 Classification	E10	E11
MPPS efficiency	≥ 85%	≥ 95%
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 EPA filters for critical or contamination-controlled environments. Available in two depths for installation flexibility, with galvanised steel frames and constant pleat aluminium separators for strength and performance even at high temperatures.

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 without grids
- S AISI 304 stainless steel frame and grid
- 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 120°C.

ACCESSORIES

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

Code	Dimensions [mm]			Airflow rate Q nominal			Filtering surface [m ²]	Initial differential pressure [Pa]		KR	KS
	L	H	W	[m ³ /h]	[m ³ /s]	[cfm]		KR	KS	€	€
3	305	305	149	400	0,111	235	2	160	170		
42	305	610	149	800	0,222	471	4	160	170		
4	610	610	149	1700	0,472	1000	8	160	170		
31	305	305	292	800	0,222	471	4	200	210		
52	305	610	292	1700	0,472	1000	8	200	210		
54	595	595	292	3200	0,889	1883	16	200	210		
5	610	610	292	3400	0,944	2000	17	200	210		
6	610	762	292	4000	1,111	2354	21	200	210		

