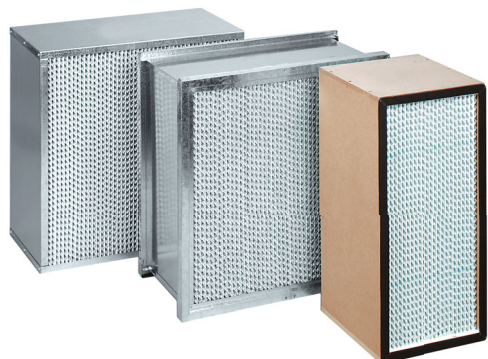


KR / KS



	KR	KS
EN 1822:2009 classification	E10	E11
MPPS efficiency	> 85%	> 95%
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	100%	100%

Deep pleated EPA filters, used in filtration stages for ventilation systems of 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.
- Protection grid in aluminium 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).
- MULTIMOD housings (see page 106).
- MODULO housings (see page 108).

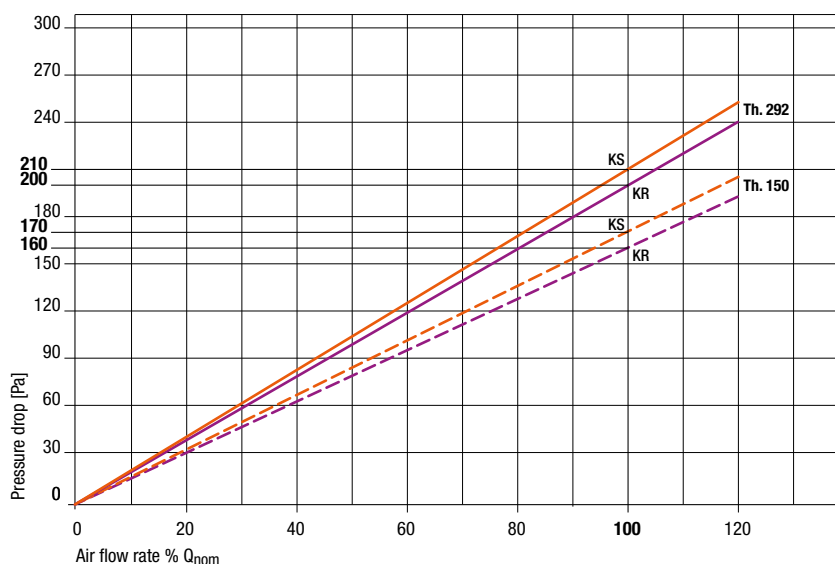
VERSIONS

- 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

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

CHARACTERISTIC CURVES



KR / KS**DIMENSIONS AND TECHNICAL DATA**

Code	Dimensions [mm]			Nominal air flow rate Q			Filtering surface [m ²]	Initial pressure drop [Pa]		KR €	KS €
	L	H	W	[m ³ /h]	[l/s]	[ft ³ /min]		KR	KS		
3	305	305	149	400	111	235	2	160	170		
42	305	610	149	800	222	471	4	160	170		
4	610	610	149	1700	472	1000	8	160	170		
31	305	305	292	800	222	471	4	200	210		
52	305	610	292	1700	472	1000	8	200	210		
54	595	595	292	3200	889	1883	16	200	210		
5	610	610	292	3400	944	2000	17	200	210		
6	610	762	292	4000	1111	2354	21	200	210		

