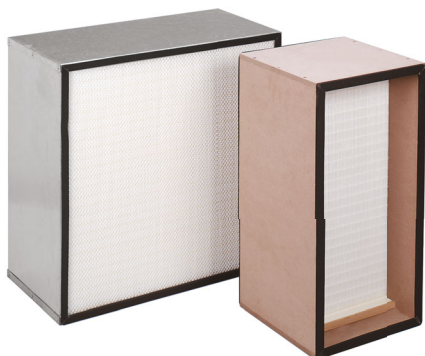


## KMR / KMS



	KMR	KMS
UNI EN 1822:2009 classification	E10	E11
MPPS efficiency	>85%	>95%
Suggested final pressure drop	400 Pa	400 Pa
Maximum pressure drop	1000 Pa	1000 Pa
Maximum operating temperature	70 °C	70 °C
Maximum relative humidity	100%	100%

Mini-pleat 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.

### MATERIAL AND FINISH

- Frame in galvanized steel.
- Fire proof micro-fibre glass minipleat media.
- Polyurethane-based sealant.
- Hot-melt separators.
- Gasket with continuous semicircular section, in seamless polyurethane.
- Protection grid in aluminium air inlet side.

### APPLICATION

- Inside filtration sections of the air handling units.
- MODULO housings (see page 108).
- In housing systems for extracting air from contaminated environments - Canister systems (see page 113).

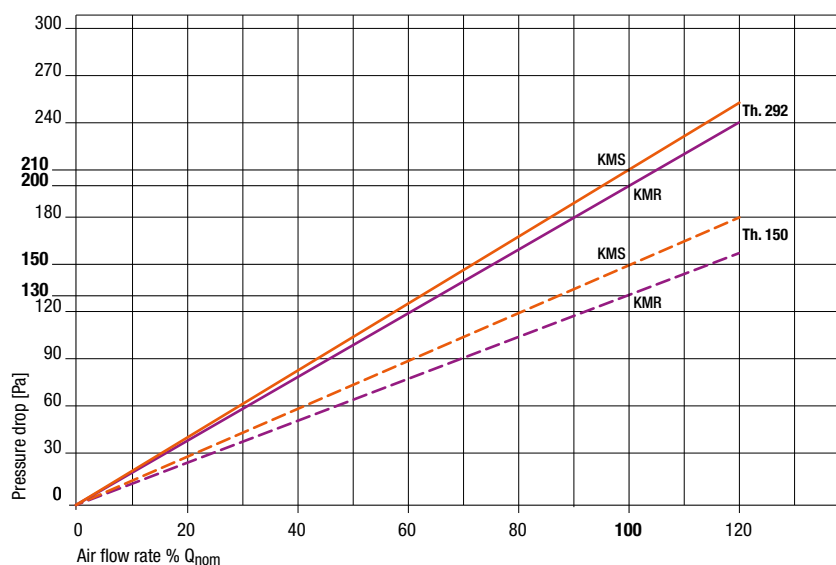
### VERSIONS

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

### ACCESSORIES

- EPDM flat gasket on air inlet side.
- EPDM flat gasket on air outlet side.
- EPDM double flat gasket.
- Double continuous polyurethane foam gasket.
- Double protection grid, air inlet and outlet.

### CHARACTERISTIC CURVES



**KMR / KMS****DIMENSIONS AND TECHNICAL DATA**

Code	Dimensions [mm]			Nominal air flow rate Q			Filtering surface [m <sup>2</sup> ]	Initial pressure drop [Pa]		KMR €	KMS €
	L	H	W	[m <sup>3</sup> /h]	[l/s]	[ft <sup>3</sup> /min]		KMR	KMS		
3	305	305	149	400	111	235	2	130	150		
42	305	610	149	800	222	471	4	130	150		
4	610	610	149	1700	472	1000	8	130	150		
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		

