

KMG / KMF / KML / KMH



	KMG	KMF	KML	KMH
Class EN 779:2012	M6	F7	F8	F9
Suggested final resistance to air flow	200 Pa	200 Pa	300 Pa	300 Pa
Maximum resistance to air flow	450 Pa	450 Pa	450 Pa	450 Pa
Maximum operating temperature	70 °C	70 °C	70 °C	70 °C
Maximum relative humidity	90%	90%	90%	90%

Mini-pleat filters available in a wide range of efficiency classes, 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.
- CT counter-frame (see page 113).
- MULTIMOD housings (see page 106).
- MODULO housings (see page 108).
- In housing systems for extracting air from contaminated environments - Canister systems (see page 109).

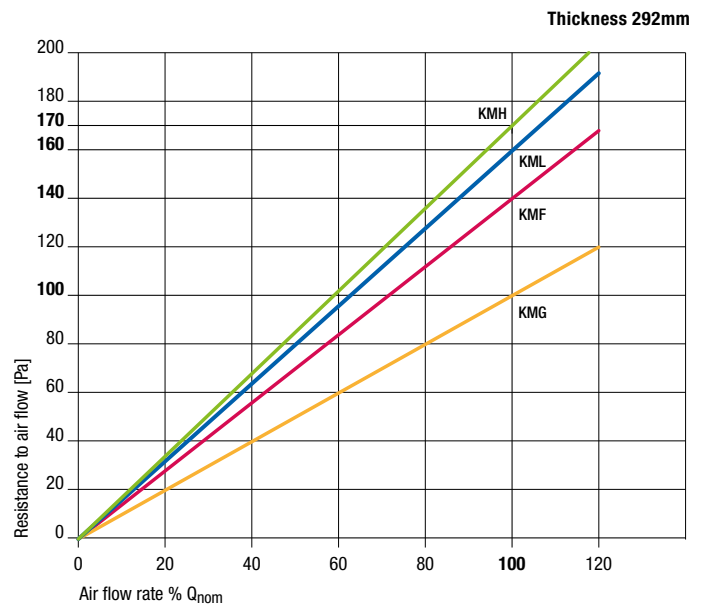
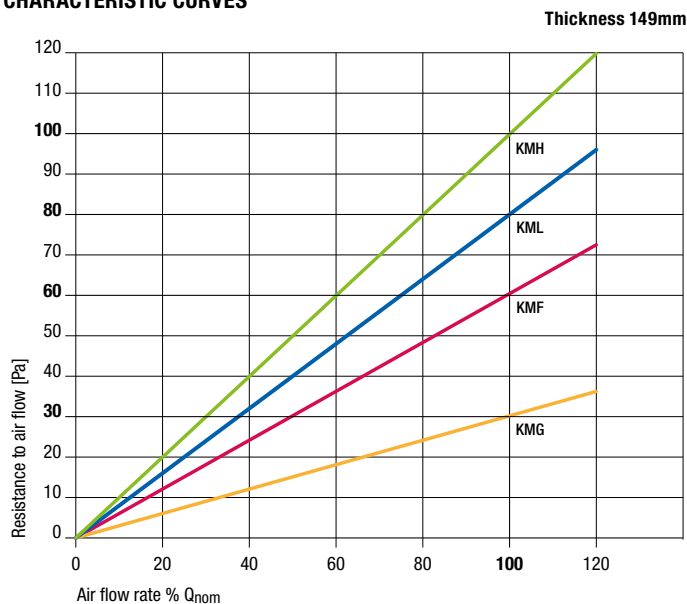
VERSIONS

- Model L.. MDF multilayer wood frame.
- AISI 304 stainless steel frame.

ACCESSORIES

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

CHARACTERISTIC CURVES



Sizing to 80% of the nominal flow is recommended in the design stage.

KMG / KMF / KML / KMH

DIMENSIONS AND TECHNICAL DATA

Code	Dimensions [mm]			Nominal air flow rate Q			Filtering surface [m ²]	Initial resistance to air flow [Pa]				KMG €	KMF €	KML €	KMH €
	L	H	W	[m ³ /h]	[m ³ /s]	[ft ³ /min]		KMG	KMF	KML	KMH				
3	305	305	149	500	0,139	294	2	30	60	80	100				
42	305	610	149	1000	0,278	589	3	30	60	80	100				
4	610	610	149	2000	0,555	1177	6	30	60	80	100				
3x	305	305	149	850	0,236	500	3	100	140	160	170				
42x	305	610	149	1700	0,472	1000	7	100	140	160	170				
4x	610	610	149	3400	0,944	2000	14	100	140	160	170				
31	305	305	292	850	0,236	500	3	100	140	160	170				
52	305	610	292	1700	0,472	1000	7	100	140	160	170				
5	610	610	292	3400	0,944	2000	14	100	140	160	170				
6	610	762	292	4300	1,194	2531	17	100	140	160	170				

