

BETA series - EPA filters with mini-pleat for ducted airflow

KMR / KMS

Characteristics	KMR	KMS
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	70°C	70°C
Maximum relative humidity	100%	100%



Small pleat EPA filters for filtration in critical or contamination-controlled environments. Available in two depths for installation flexibility, with galvanised steel frame for high mechanical resistance.

MATERIALS AND FINISH

- Galvanised steel frame.
- Fire retardant glass microfibre filter media, ample surface area, thanks to mini-pleat technology.
- Polyurethane-based sealant.
- Continuous thermoplastic separators.
- Two-component, seamless polyurethane gasket.
- Aluminium protection grid on the air inlet side.

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 [m²]	Initial differential pressure [Pa]		KMR €	KMS €
	L	H	W	[m³/h]	[m³/s]	[cfm]		KMR	KMS		
3	305	305	149	250	0,069	147	2	130	150		
42	305	610	149	500	0,139	294	4	130	150		
4	610	610	149	1000	0,278	589	8	130	150		
31	305	305	292	500	0,139	294	4	200	210		
52	305	610	292	1000	0,278	589	8	200	210		
54	595	595	292	1800	0,500	1058	16	200	210		
5	610	610	292	2000	0,555	1176	17	200	210		
6	610	762	292	2500	0,694	1470	21	200	210		

