



KMX/RE

Metal flat filter cell with U-section AISI 304 stainless steel frame and double microstretched AISI 304 stainless steel wire mesh that supports the filter fabric composed of layers of pleated microstretched mesh in AISI 304 stainless steel.

TECHNICAL SPECIFICATIONS AND USAGE LIMIT

EFFICIENCY class (EN ISO 16890:2016)	Group ISO COARSE (ePM1 = 1% - ePM2,5 = 2% - ePM10 = 12%)
EFFICIENCY class (CEN EN779-2012)	G2
AVERAGE gravimetric efficiency:	65% for filter 10mm thickness
	70% for filter 23mm thickness
	75% for filter 48mm thickness
MAXIMUM WORKING temperature:	350°C
RELATIVE humidity:	100%
INITIAL pressure drop:	10 Pa for filter 10mm thickness
	20 Pa for filter 23mm thickness
	30 Pa for filter 48mm thickness
RECOMMENDED final pressure drop:	150 Pa
MAXIMUM pressure drop:	300 Pa
RECOMMENDED frontal air speed:	1,5 m/s

SELECTION CHART

Length [mm]	Width [mm]	Filtering Surface [m ²]	Nominal Flow Rate [m ³ /h]
250	500	0,12	700
287	592	0,17	900
400	400	0,16	850
400	500	0,20	1.100
400	625	0,25	1.350
500	500	0,25	1.350
500	625	0,31	1.700
592	592	0,35	1.900

Frame Thickness [mm]	Layers of Braid [n]
10	2
23	4
48	6

FILTERING MEDIA

The filtering media is composed of layers of pleated microstretched mesh in AISI 304 stainless steel.

APPLICATIONS

Prefiltration of high-efficiency filters, filtration of dry dust and oil mist, treatment of airborne fumes and greases.

PRODUCT DISPOSAL

Dispose of the product by separating the metal part from the filtering part. The CER code for disposal of the metal part is 120101.

Warning: declare whether the filter to be disposed of contains toxic substances.

GREEN BUILDING

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APPLICATIONS

OEM	Residential	Easy Pack	REACH Certification	RoHS Certification	Industry	Building	Air conditioning	CMV

*On request