



KMA

Metal flat filter cell with U-section aluminium frame and double microstretched aluminium wire mesh that supports the filter fabric made up of layers of metal mesh in aluminium capped braid.

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:	200°C
RELATIVE humidity:	100%
INITIAL pressure drop:	5 Pa for filter 10mm thickness
	10 Pa for filter 23mm thickness
	15 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 made up of layers of metal mesh in aluminium capped braid.

APPLICATIONS

Prefiltration in 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

Thanks also to the support of GreenMap, products manufactured by Tecnica contribute to obtain the credits of the major international rating systems for sustainable buildings:



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Contributes to credits:
IP, EA, MR



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Contributes to credits:
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Contributes to credits:
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APPLICATIONS

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

*On request