



Description

Flat metal filter U-cell section steele frame with double electrowelded galv. wire mesh containing a layer of alumiun braided mesh.

Characteristics

The filter consists of multiple alu cuspidated braid-mesh layers.

Use

Prefiltration for height efficiency filters, dry powders,oil vapours, smoke and fat air treatment.

On demand

Non-standard sizes and thicknesses.

Operating data

Pa : pressure drop in Pascal

	spessore 10 mm	spessore 23 mm	spessore 48 mm
CLASSE di efficienza secondo EN ISO 16890:2016	ISO COARSE		
classe di filtrazione (EN 779)	G2		
EFFICIENZA gravimetrica media:	65%	70%	75%
TEMPERATURA massima di impiego:	200°C		
UMIDITÀ relativa massima:	100%		
Perdita di carico iniziale:	5 Pa	10 Pa	15 Pa
PERDITA DI CARICO finale consigliata:	150 Pa		
PERDITA DI CARICO massima:	300 Pa		
VELOCITÀ filtrazione consigliata:	1,5 m/s		
Strati di calza:	2	4	6

Dimensions and price list

Dimensions are expressed in mm

Item normally available from stock			
model	filter cell EFMP thickness 10 mm	filter cell EFMP thickness 23 mm	filter cell EFMP thickness 48 mm
	euro	euro	euro
400x400	✓	✓	✓
500x400	✓	✓	✓
625x400	✓	✓	✓
500x500	✓	✓	✓
625x500	✓	✓	✓
592x592	✓	✓	✓
592x287	✓	✓	✓
490X592	✓	✓	✓

How to calculate the filter capacity:

Q (mc/h) = A (mq) x V (m/s) x 3600 **A:** filter surface and **V:** air velocity **EXAMPLE OF CALCULATION OF THE AIR FLOW CAPACITY OF A 400x400 FILTER**Q = (0,4 x 0,4) x 1,5 x 3600 = 864 mc/h