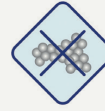




KAF100 FiltraSan™

Synthetic flat filter cell with U-section galvanised steel frame and double electrowelded galvanised wire mesh that supports the FiltraSan™ sanitizing filter fabric in AT100 series thermobonded synthetic polyester staple fibre with a basis weight of 100 g/m² and a thickness of 8-10 mm.

FiltraSan™ in collaboration with:



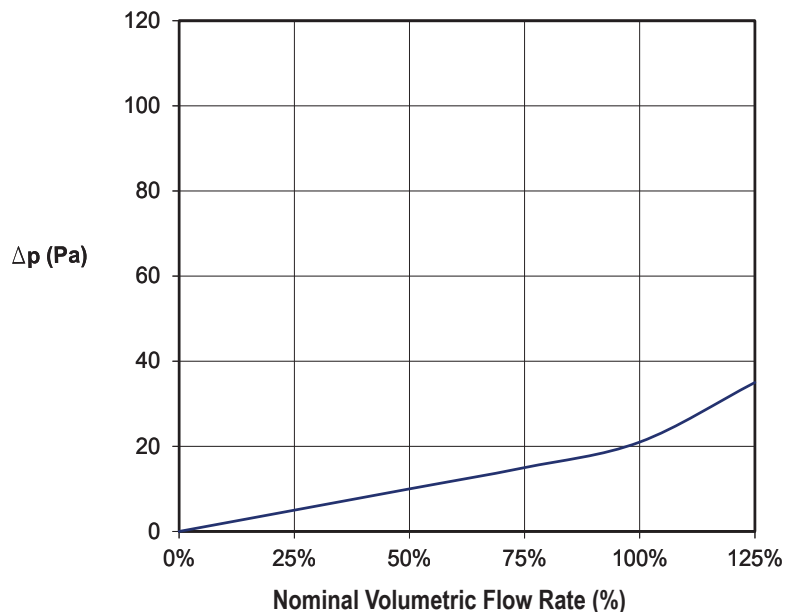
NO BACTERIA

NO MILDEW

TECHNICAL SPECIFICATIONS AND USAGE LIMIT

EFFICIENCY class (EN ISO 16890)	Group ISO COARSE - (ePM1 = 4% - ePM2,5 = 13% - ePM10 = 49%)
EFFICIENCY class (CEN EN779-2012)	G2
AVERAGE gravimetric efficiency:	70%
FILTER FABRIC basic weight:	100gr/mq
THICKNESS	10 mm
MAXIMUM WORKING temperature	100°C
RELATIVE humidity	100%
INITIAL pressure drop	21 Pa
RECOMMENDED final pressure drop	250 Pa
MAXIMUM pressure drop	400 Pa
DUST collection capacity	180 gr/mq
RECOMMENDED frontal air speed	1,5 m/s
FIRE REACTION class	class F1 - (DIN53438/3) class M1 - NF-F-16-101

Pressure Drops



SELECTION CHART

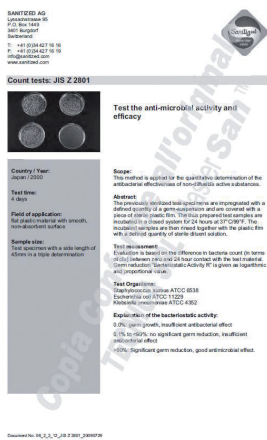
Length [mm]	Width [mm]	Standard thickness [mm]	Filtering Surface [m ²]	Nominal Flow Rate [m ³ /h]
400	400	10	0,16	850
400	500		0,2	1100
500	500		0,25	1350
400	625		0,25	1350
500	625		0,31	1700
287	592		0,17	900
592	592		0,35	1900

PRESSURE DROP DIAGRAM (Air Temperature 20°C)

Diagram

Pressure drop determining curve with a clean filter (Dp) based on percentage change in the flow rate or nominal speed.

CERTIFICATIONS



FILTERING MEDIA

FiltraSan™ sanitizing antibacterial and anti-mould filtering media, Sanitized® tested and certified



NO BACTERIA

NO MILDEW

APPLICATIONS

Fan coils, air treatment units.

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. The CER code for disposal of the filtering part is 150202.

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:



LEED

Contributes to credits:
IP, EA, MR



WELL

Contributes to credits:
MATERIALS, COMMUNITY, INNOVATION

BREEAM®

BREEAM

Contributes to credits:
MAN, WST

For further details regarding the specific contributions to the credits indicated, contact Tecnica Srl

APPLICATIONS

Residential	Easy Pack	Mold resistant	Microorganism resistant	REACH certified	ROHS certified	Building	Air conditioning	CMV

*On request