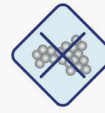




# KFF100 FiltraSan™

Synthetic flat filter cell for fan coils with U-section galvanised steel support frame and double electrowelded galvanised wire mesh that supports the FiltraSan™ sanitizing filter in thermobonded staple fabric with a basis weight of 100 g/m<sup>2</sup> and a thickness of 5-10 mm.

FiltraSan™ in collaboration with:

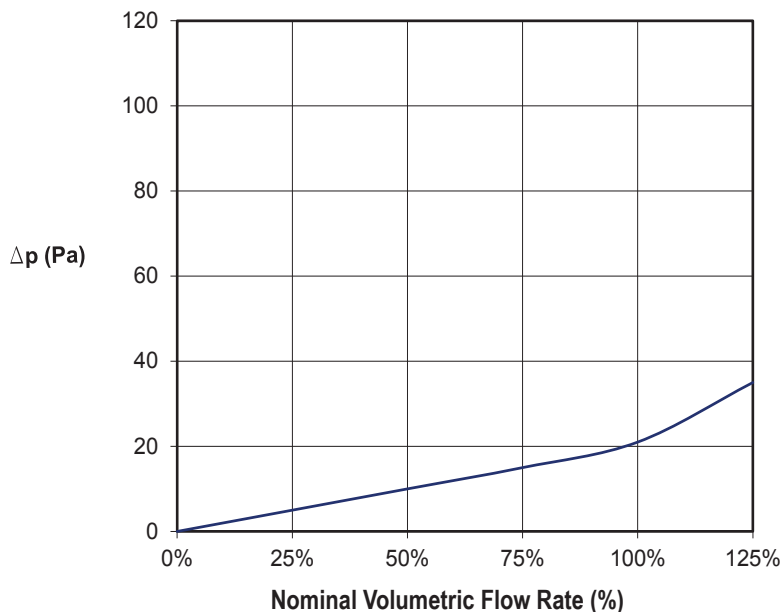


NO BACTERIA NO MILDEW

## TECHNICAL SPECIFICATIONS AND USAGE LIMIT

|                                   |  |
|-----------------------------------|--|
| EFFICIENCY class (EN ISO 16890)   | EN ISO 16890:2016 Group ISO COARSE<br>(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

| Thickness (mm) | Width (mm)         | Length (mm)         |
|----------------|--------------------|---------------------|
| 3-5-6-8-10     | MIN 100<br>MAX 230 | MIN 100<br>MAX 1600 |

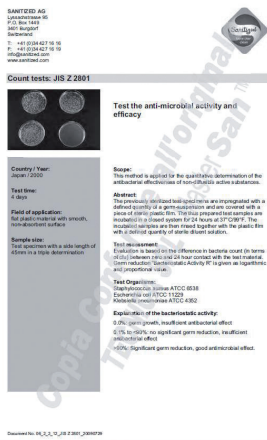
### PRESSURE DROP DIAGRAM

(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\*