



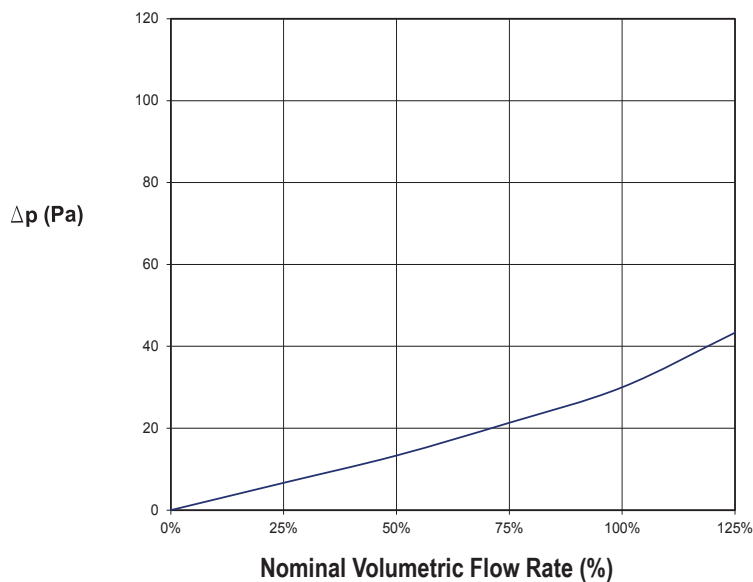
# AC/VA

Disposable flat filter cell in robust cardboard with large openings that supports the filtering mesh composed of a double layer of glass fibres with progressive density.

## TECHNICAL SPECIFICATIONS AND USAGE LIMIT

EFFICIENCY class (EN ISO 16890:2016)	Group ISO ePM10 50% (ePM1 = 8% - ePM2,5 = 17% - ePM10 = 53%)
EFFICIENCY class (CEN EN779-2012)	G3
AVERAGE gravimetric efficiency:	90-98%
MAXIMUM WORKING temperature:	120°C
RELATIVE humidity:	100%
INITIAL pressure drop:	25-30 Pa
RECOMMENDED final pressure drop:	150 Pa
MAXIMUM pressure drop:	300 Pa
DUST ACCUMULATION capacity	3-5 kg/m <sup>2</sup> Depends on the type of paint, whether dry or liquid
RECOMMENDED frontal air speed:	1,5-2 m/s
FIRE reaction:	Class F1 - (DIN53438/3)

### Pressure Drops



### SELECTION CHART

Length [mm]	Width [mm]	Thickness [mm]	Filtering Surface [m <sup>2</sup> ]	Nominal Flow Rate [m <sup>3</sup> /h]
287	592	23 - 48	0,17	1.250
400	400		0,16	1.200
400	500		0,20	1.450
500	500		0,25	1.800
400	625		0,25	1.800
500	625		0,31	2.250
592	592		0,35	2.550

### 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.

### FILTERING MEDIA

Filtering media in glass fibre with progressive density, specially created for filtration of solvent-based paint and lacquer particles. Material supplied in rolls.

### APPLICATIONS

Prefiltration in high-efficiency filters, filtration in painting booths.

### PRODUCT DISPOSAL

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

### BREEAM®

### BREEAM

Contributes to credits:  
MAN, WST

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

## APPLICATIONS

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

\*On request