

Pannel/Z-Pleat 17PPZ

Filter panel with galvanised steel frame and pleated filter panel in polypropylene fibres with progressive density. Efficiency class F7.

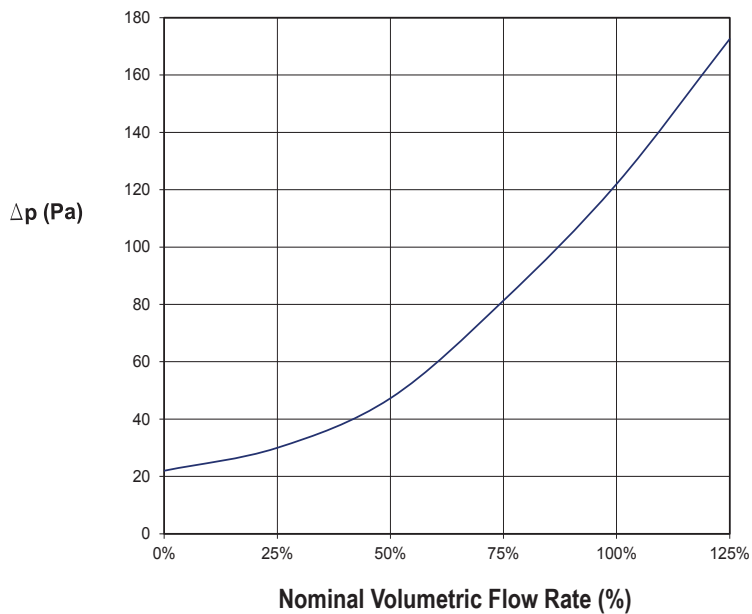
Frame with quick opening/closing system.

High dirt retention capacity.

TECHNICAL SPECIFICATIONS AND USAGE LIMIT

EFFICIENCY class (EN ISO 16890:2016)	Group ISO ePM2,5 65%
EFFICIENCY class (CEN EN779-2012)	F7
AVERAGE colorimetric efficiency:	80-90%
MAXIMUM WORKING temperature:	60°C
INITIAL pressure drop:	122 Pa
NOMINAL flow rate:	3.400 m3/h
	panel size 592x592x98
	frontal air speed 2,7 m/s
	average filtering speed 0,13 m/s
RECOMMENDED final pressure drop:	300 Pa
FIRE reaction:	class F1 - (DIN53438/3)

Pressure Drops



SELECTION CHART

Model [code]	Dimensions W x D x H [mm]	Nominal Flow Rate [m ³ /h]	Filtering Surface [m ²]
PPZ/172998	292 X 592 X 98	1.700	3,6
PPZ/174998	492 X 592 X 98	2.850	6,1
PPZ/175998	592 X 592 X 98	3.400	7,3
PPZ/172948	292 X 592 X 48	1.530	3,3
PPZ/174948	492 X 592 X 48	2.300	4,9
PPZ/175948	592 X 592 X 48	3.100	6,6

The material can be supplied in a thickness of 23mm and 145mm. This model can be supplied with a plastic frame complete with flange.

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

Model Pannel Pleat PPZ

The pleated filter panel is composed of polypropylene fibres with progressive density and the pleats are uniformly spaced out with thermoplastic separators.

APPLICATIONS

Filtration in air treatment units, filtration in painting plants, prefiltration of absolute filters.

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, IN



WELL

Contributes to credits:
AIR, 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	Industry	Building	Air conditioning	CMV

*On request