

Pannel-Pleat 15PP

Filter panel with high-resistance moulded polypropylene structure and pleated filter panel in polypropylene fibres with progressive density. Efficiency class M5.

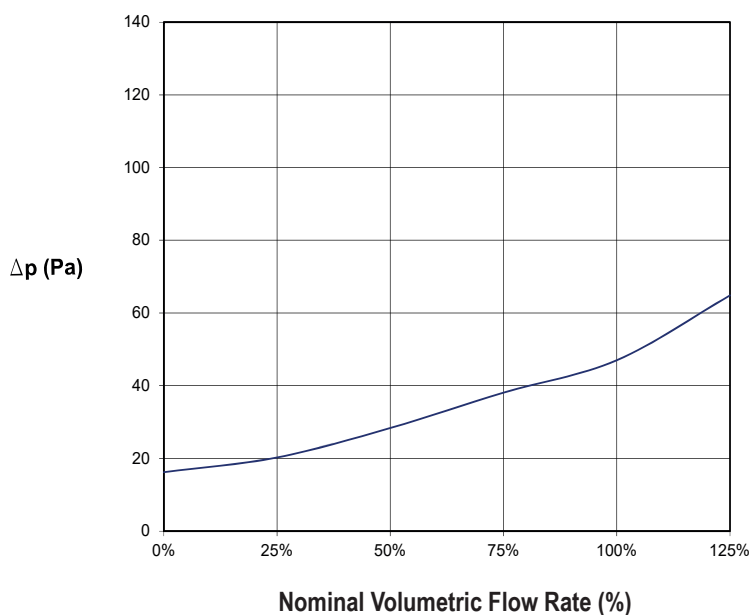
High dirt retention capacity.



TECHNICAL SPECIFICATIONS AND USAGE LIMIT

EFFICIENCY class (EN ISO 16890:2016)	Group ISO ePM10 55%
EFFICIENCY class (CEN EN779-2012)	M5
AVERAGE colorimetric efficiency:	40-60%
MAXIMUM WORKING temperature:	60°C
INITIAL pressure drop:	47 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 [m³/h]	Filtering Surface [m²]
PP/152998	292 X 592 X 98	1.700	3,6
PP/154998	492 X 592 X 98	2.550	5,4
PP/155998	592 X 592 X 98	3.400	7,3
PP/152948	292 X 592 X 48	1.530	3,3
PP/154948	492 X 592 X 48	2.300	4,9
PP/155948	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 PP

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

As the product is entirely made of plastic, it can be disposed of in one single solution. The CER code for disposal is 150202.

GREEN BUILDING

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Contributes to credits:
IP, EA, MR



WELL

Contributes to credits:
AIR, MATERIALS, COMMUNITY

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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