



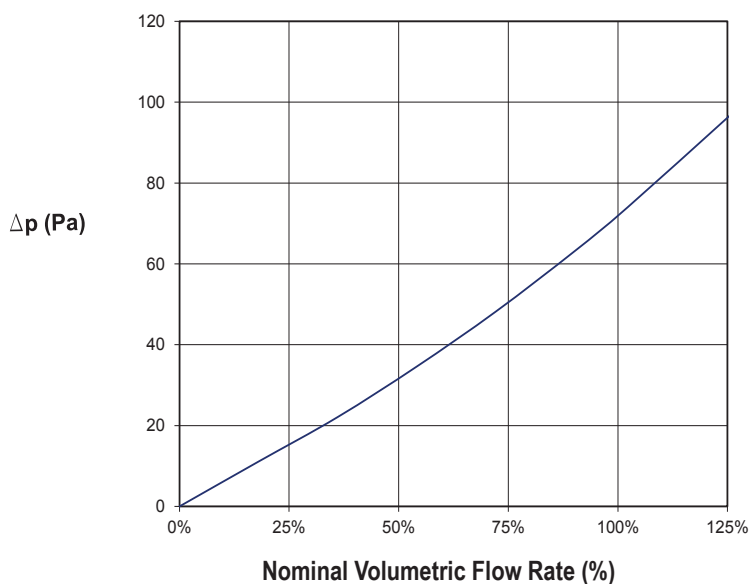
ECO Pocket 18EP

Soft synthetic pocket filter with incinerable plastic frame divided into two parts and filter bags in 100% thermobonded polypropylene fibre with progressive density. Efficiency class F8.

TECHNICAL SPECIFICATIONS AND USAGE LIMIT

COLOUR:	Yellow
EFFICIENCY class (EN ISO 16890:2016)	Group ISO ePM2,5 65%
EFFICIENCY class (CEN EN779-2012)	F8
AVERAGE colorimetric efficiency:	90-95%
MAXIMUM WORKING temperature:	90°C
RELATIVE humidity:	100%
INITIAL pressure drop:	74 Pa
RECOMMENDED final pressure drop:	450 Pa
MAXIMUM pressure drop:	800 Pa
DUST ACCUMULATION capacity:	66 gr/mq
RECOMMENDED frontal air speed:	0,15 m/s
FIRE reaction:	class F1 - (DIN53438/3)

Pressure Drops



PRESSURE DROP DIAGRAM (Air temperature 20°C)

Diagram

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

SELECTION CHART

Model [code]	Dimensions W x D x H [mm]	Pockets [n]	Nominal Flow Rate [m ³ /h]	Filtering Surface [m ²]
18EP/3.290.3	290 X 595 X 380	3	750	1,4
18EP/4.290.3	290 X 595 X 380	4	1.000	1,8
18EP/6.595.3	595 X 595 X 380	6	1.500	2,7
18EP/8.595.3	595 X 595 X 380	8	2.000	3,6
18EP/10.595.3	595 X 595 X 380	10	2.450	4,5
18EP/3.290.5	290 X 595 X 550	3	1.100	2,0
18EP/4.290.5	290 X 595 X 550	4	1.450	2,6
18EP/6.595.5	595 X 595 X 550	6	2.150	3,9
18EP/8.595.5	595 X 595 X 550	8	2.850	5,2
18EP/10.595.5	595 X 595 X 550	10	3.550	6,5
18EP/3.290.6	290 X 595 X 650	3	1.300	2,3
18EP/4.290.6	290 X 595 X 650	4	1.700	3,1
18EP/6.595.6	595 X 595 X 650	6	2.550	4,6
18EP/8.595.6	595 X 595 X 650	8	3.350	6,2
18EP/10.595.6	595 X 595 X 650	10	4.200	7,7
18EP/3.290.7	290 X 595 X 737	3	1.450	2,6
18EP/4.290.7	290 X 595 X 737	4	1.900	3,5
18EP/6.595.7	595 X 595 X 737	6	2.850	5,3
18EP/8.595.7	595 X 595 X 737	8	3.800	7,0
18EP/10.595.7	595 X 595 X 737	10	4.750	8,8
18EP/3.290.9	290 X 595 X 915	3	1.800	3,3
18EP/4.290.9	290 X 595 X 915	4	2.400	4,4
18EP/6.595.9	595 X 595 X 915	6	3.550	6,5
18EP/8.595.9	595 X 595 X 915	8	4.750	8,7
18EP/10.595.9	595 X 595 X 915	10	5.900	10,9

FILTERING MEDIA

The filtering media is made up of 100% thermobonded polypropylene fibre with progressive density. The chemical physical nature of the fibres and the welding technology ensure low pressure drops, maximum efficiency and maximum accumulation capacity.

APPLICATIONS

Filtration in air treatment units of civil buildings and in painting plants. Prefiltration of high-efficiency 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

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



BREEM

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

NOTES
