



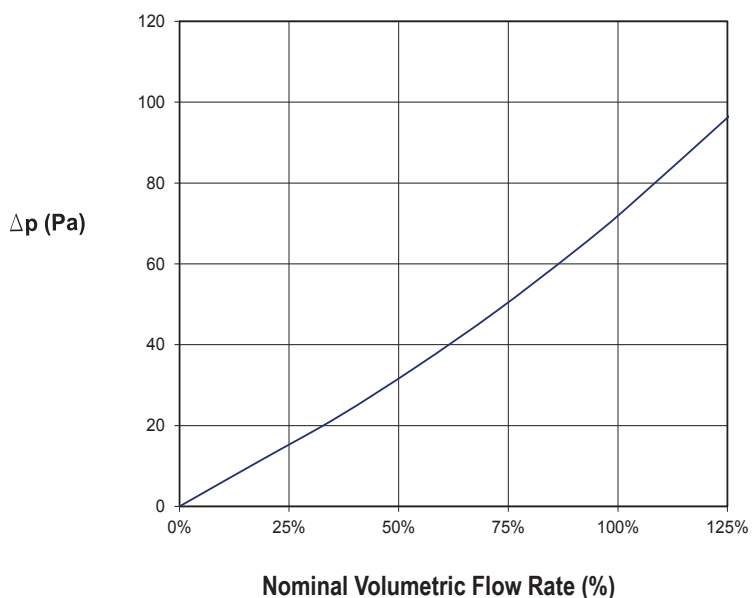
Soft Pocket 18TF

Soft synthetic pocket filter with U-section galvanised steel frame 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 (Dp) 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]
18TF/3.290.3	290 X 595 X 380	3	750	1,4
18TF/4.290.3	290 X 595 X 380	4	1.000	1,8
18TF/5.290.3	290 X 595 X 380	5	1.250	2,3
18TF/6.290.3	290 X 595 X 380	6	1.500	2,7
18TF/5.490.3	490 X 595 X 380	5	1.250	2,3
18TF/6.490.3	490 X 595 X 380	6	1.500	2,7
18TF/8.490.3	490 X 595 X 380	8	2.000	3,6
18TF/10.490.3	490 X 595 X 380	10	2.450	4,5
18TF/6.595.3	595 X 595 X 380	6	1.500	2,7
18TF/8.595.3	595 X 595 X 380	8	2.000	3,6
18TF/10.595.3	595 X 595 X 380	10	2.450	4,5
18TF/12.595.3	595 X 595 X 380	12	2.950	5,4
18TF/3.290.5	290 X 595 X 550	3	1.100	2,0
18TF/4.290.5	290 X 595 X 550	4	1.450	2,6
18TF/5.290.5	290 X 595 X 550	5	1.800	3,3
18TF/6.290.5	290 X 595 X 550	6	2.150	3,9
18TF/5.490.5	490 X 595 X 550	5	1.800	3,3
18TF/6.490.5	490 X 595 X 550	6	2.150	3,9
18TF/8.490.5	490 X 595 X 550	8	2.850	5,2
18TF/10.490.5	490 X 595 X 550	10	3.550	6,5
18TF/6.595.5	595 X 595 X 550	6	2.150	3,9
18TF/8.595.5	595 X 595 X 550	8	2.850	5,2
18TF/10.595.5	595 X 595 X 550	10	3.550	6,5
18TF/12.595.5	595 X 595 X 550	12	4.250	7,9
18TF/3.290.6	290 X 595 X 650	3	1.300	2,3
18TF/4.290.6	290 X 595 X 650	4	1.700	3,1
18TF/5.290.6	290 X 595 X 650	5	2.100	3,9
18TF/6.290.6	290 X 595 X 650	6	2.550	4,6
18TF/5.490.6	490 X 595 X 650	5	2.100	3,9
18TF/6.490.6	490 X 595 X 650	6	2.550	4,6

SELECTION CHART

Model [code]	Dimensions W x D x H [mm]	Pockets [n]	Nominal Flow Rate [m ³ /h]	Filtering Surface [m ²]
18TF/8.490.6	490 X 595 X 650	8	3.350	6,2
18TF/10.490.6	490 X 595 X 650	10	4.200	7,7
18TF/6.595.6	595 X 595 X 650	6	2.550	4,6
18TF/8.595.6	595 X 595 X 650	8	3.350	6,2
18TF/10.595.6	595 X 595 X 650	10	4.200	7,7
18TF/12.595.6	595 X 595 X 650	12	5.050	9,3
18TF/3.290.7	290 X 595 X 737	3	1.450	2,6
18TF/4.290.7	290 X 595 X 737	4	1.900	3,5
18TF/5.290.7	290 X 595 X 737	5	2.400	4,4
18TF/6.290.7	290 X 595 X 737	6	2.850	5,3
18TF/5.490.7	490 X 595 X 737	5	2.400	4,4
18TF/6.490.7	490 X 595 X 737	6	2.850	5,3
18TF/8.490.7	490 X 595 X 737	8	3.800	7,0
18TF/10.490.7	490 X 595 X 737	10	4.750	8,8
18TF/6.595.7	595 X 595 X 737	6	2.850	5,3
18TF/8.595.7	595 X 595 X 737	8	3.800	7,0
18TF/10.595.7	595 X 595 X 737	10	4.750	8,8
18TF/12.595.7	595 X 595 X 737	12	5.700	10,5
18TF/3.290.9	290 X 595 X 915	3	1.800	3,3
18TF/4.290.9	290 X 595 X 915	4	2.400	4,4
18TF/5.290.9	290 X 595 X 915	5	2.950	5,4
18TF/6.290.9	290 X 595 X 915	6	3.550	6,5
18TF/5.490.9	490 X 595 X 915	5	2.950	5,4
18TF/6.490.9	490 X 595 X 915	6	3.550	6,5
18TF/8.490.9	490 X 595 X 915	8	4.750	8,7
18TF/10.490.9	490 X 595 X 915	10	5.900	10,9
18TF/6.595.9	595 X 595 X 915	6	3.550	6,5
18TF/8.595.9	595 X 595 X 915	8	4.750	8,7
18TF/10.595.9	595 X 595 X 915	10	5.900	10,9
18TF/12.595.9	595 X 595 X 915	12	7.100	13,1

FILTERING MEDIA

The filtering media is composed of 100% thermobonded polypropylene fibre with progressive density. The chemical physical nature of the fibres and the sealing 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

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