



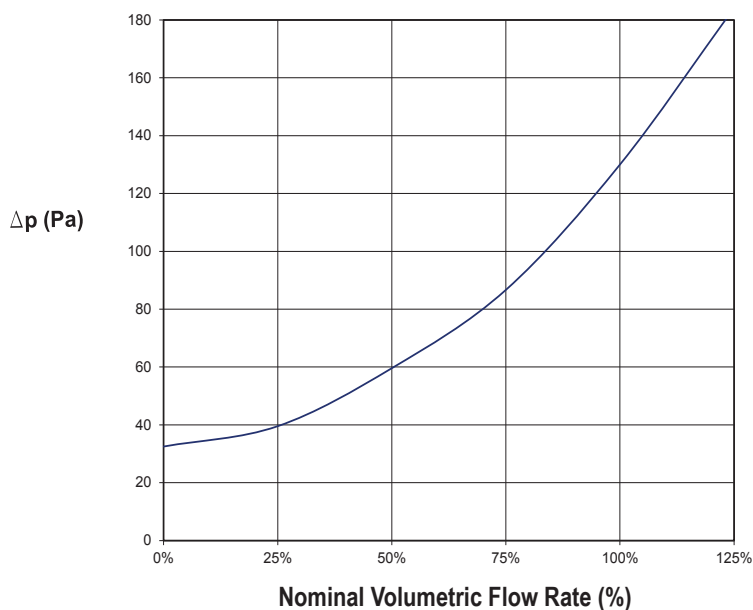
Glass-Pleat 18GP

Rigid pocket filters with high-resistance moulded polypropylene structure and filter medium in fireproof and water-repellent pleated micro glass fibre paper. Efficiency class F8.

TECHNICAL SPECIFICATIONS AND USAGE LIMIT

EFFICIENCY class (EN ISO 16890:2016)	Group ISO ePM1 60%
EFFICIENCY class (CEN EN779-2012)	F8
AVERAGE colorimetric efficiency:	90-95%
MERV	14
MAXIMUM WORKING temperature:	80°C
RELATIVE humidity:	100%
INITIAL pressure drop:	130 Pa
RECOMMENDED final pressure drop:	450 Pa
MAXIMUM pressure drop:	1,3 X nominal flow rate
RECOMMENDED filtering speed:	0,065 m/s
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]
18GP29	290 X 592 X 292	2.125	8,5
18GP49	490 X 592 X 292	3.500	15,0
18GP59	592 X 592 X 292	4.250	18,0
18GP29-7	290 X 592 X 292	2.000	7,0
18GP49-11	490 X 592 X 292	3.300	11,0
18GP59-14	592 X 592 X 292	4.000	14,0

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

The filter fireproof and water repellent microfiber glass paper media is pleated and spaced by thermoplastic separators. The configuration allows to obtain a long-lasting and space-saving filter. The materials used in the filter are completely incinerable.

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:
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Contributes to credits:
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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