



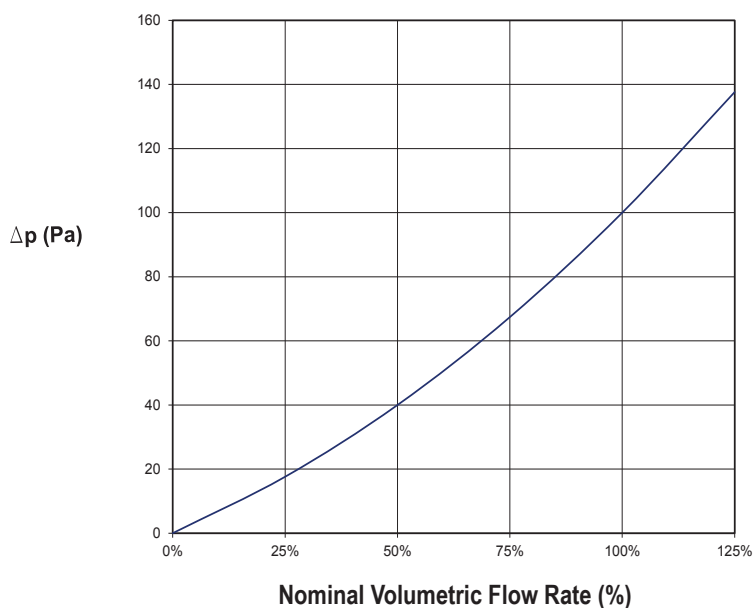
# Poli-Pleat 18TR

Rigid pocket filters with high-resistance moulded polypropylene structure and pleated filter medium in 100% polypropylene with progressive density. Efficiency class F8. Completely incinerable

## 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:	90°C
RELATIVE humidity:	100%
INITIAL pressure drop:	100 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]
18PP29	290X592X292	2.125	8,5
18PP49	490X592X292	3.500	15,0
18PP59	592X592X292	4.250	18,0

### 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 filtering media in 100% polypropylene with progressive density is pleated and uniformly spaced out with thermoplastic polypropylene separators. This configuration allows obtaining a long-lasting filter taking up little space. The filter has been tested for a maximum resistance of 6250 Pa. 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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**BREEAM**

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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