Filtra-Pak S

Synthetic bag filters

Product	P3S	P4S	P5S	P6S	P8S	P9S
UNI EN 779 class	G 3	G 4	F 5	F 6	F 7	F 8
EUROVENT class	EU 3	EU 4	EU 5	EU 6	EU 7	EU 8
Am ASHRAE 52.1.1992	80-90 %	90 %	---	---	---	---
Em ASHRAE 52.1.1992	---	---	40-60 %	60-80 %	80/90 %	90/95 %
Suggested final pressure drop	200 Pa	200 Pa	350 Pa	350 Pa	350 Pa	350 Pa
Maximum pressure drop	250 Pa	250 Pa	450 Pa	450 Pa	450 Pa	450 Pa
Maximum operating temperature	80 °C	80 °C	80 °C	80 °C	80 °C	80 °C
Maximum relative humidity	100 %	100 %	100 %	100 %	100 %	100 %

The range of Filtra-Pak S bag filters covers a very wide performance range and meets the requirements of numerous civil and industrial facilities. These filters, according to the model, have different arrestance and efficiency values with limited pressure drop level. This means fan energy consumption is limited. The filter media are made of synthetic, self-extinguishing and progressively structured microfibers (F1 – DIN 53438).
No fibers are released during operation downstream of the filter. The medium is thermally welded and applied to a galvanized sheet steel frame that can be opened to remove the filter at the end of its operating life. The Filtra-Pak S filter range is very strong (the medium can bear high work pressures without flaking), it has high dust holding capacities and assures a long operating life.

Applications Filtra-Pak S filters are widely used in civil and industrial conditioning and ventilation systems.
They are often used as pre-filters upstream of high efficiency or activated carbon filters in air treatment plants, in independent roof top conditioners and in ventilation units in general. The models with higher efficiency rates can be installed as sole filtration units in all those cases where there is not an excessive quantity of dust in normal air cleanness conditions (ex. Close control conditioners for telephone plants). Filtra-Pak S bag filters are also used in painting plants and drying systems.

Installation For correct operating processes, air can pass through the filter in two different ways:

- horizontal air flow, the filter is perpendicular to the flow and the bags are arranged vertically
- top to bottom vertical air flow, the filter is perpendicular to the flow and the bags face downwards.

These filters are installed using special counter-frames (CT) that assure easy and rational removable and maintenance operations. The filters can be installed as single elements or in filtration walls.

For actual sizes please refer to our Pricelist

Type	Bags	Sizes (mm)						Nominal air flow rate Q.		Filtering surface	Initial pressure drop Pa		
P3S/P4S/P5S	n°	A		B		C		m³/h	m³/sx10⁻³*	m²	P3S	P4S	P5S
2 - 14 / 6	6	592	x	592	x	360		4250	1180	2,7	50	80	90
3 - 14 / 5	5	490	x	592	x	360		3400	944	2,2	50	80	90
1 - 14 / 3	3	287	x	592	x	360		2150	590	1,4	50	80	90
2 - 20 / 6	6	592	x	592	x	510		5100	1428	3,8	60	90	100
3 - 20 / 5	5	490	x	592	x	510		4250	1180	3,2	60	90	100
1 - 20 / 3	3	287	x	592	x	510		2550	708	1,9	60	90	100
P6S/P8S/P9S											P6S	P8S	P9S
2 - 21 / 6	6	592	x	592	x	535		2000	556	4,2	60	90	110
3 - 21 / 5	5	490	x	592	x	535		1650	458	3,5	60	90	110
1 - 21 / 3	3	287	x	592	x	535		1000	278	2,1	60	90	110
2 - 21 / 8	8	592	x	592	x	535		2700	750	5,6	60	90	110
3 - 21 / 6	6	490	x	592	x	535		2000	556	4,2	60	90	110
1 - 21 / 4	4	287	x	592	x	535		1350	375	2,8	60	90	110
2 - 21 / 10	10	592	x	592	x	535		3400	944	7	60	90	110
3 - 21 / 8	8	490	x	592	x	535		2700	750	5,6	60	90	110
1 - 21 / 5	5	287	x	592	x	535		1700	472	3,5	60	90	110
2 - 25 / 6	6	592	x	592	x	635		2700	750	4,9	75	110	130
3 - 25 / 5	5	490	x	592	x	635		2125	590	4,1	75	110	130
1 - 25 / 3	3	287	x	592	x	635		1350	375	2,5	75	110	130
2 - 25 / 8	8	592	x	592	x	635		3400	944	6,6	75	110	130
3 - 25 / 6	6	490	x	592	x	635		2700	750	4,9	75	110	130
1 - 25 / 4	4	287	x	592	x	635		1700	472	3,3	75	110	130
2 - 25 / 10	10	592	x	592	x	635		4250	1180	8,2	75	110	130
3 - 25 / 8	8	490	x	592	x	635		3400	944	6,6	75	110	130
1 - 25 / 5	5	287	x	592	x	635		2125	590	4,1	75	110	130

**1 m³/s x 10⁻³ = 1 l/s*

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