FILTRA-PAK series - High energy efficiency bag filters

PS-HP

Characteristics	P5S-HP	P6S-HP	P8S-HP	P10S-HP
EN ISO 16890-1:2016 Classification	ePM_{10} 50%	ePM_{10} 70%	ePM_1 65%	ePM_1 85%
EN 779:2012 Classification	M5	M6	F7	F9
Energy Class EUROVENT 4/21-2019	A+	A+	A+	A+
Final differential pressure EN ISO 16890:2016	300 Pa	300 Pa	300 Pa	300 Pa
Final differential pressure EN 13053-7:2019	The lower value between the initial differential pressure plus 100 Pa, or three times the initial value			
Maximum operating temperature	70°C	70°C	70°C	70°C
Maximum relative humidity	100%	100%	100%	100%

Soft synthetic fibre bag filters offer high energy efficiency and reliability for ventilation systems in critical applications.

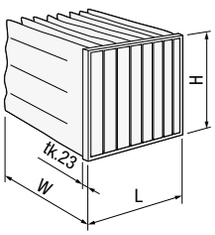
MATERIALS AND FINISH

– Robust galvanised steel frame.
– Synthetic microfibre filtering pockets.

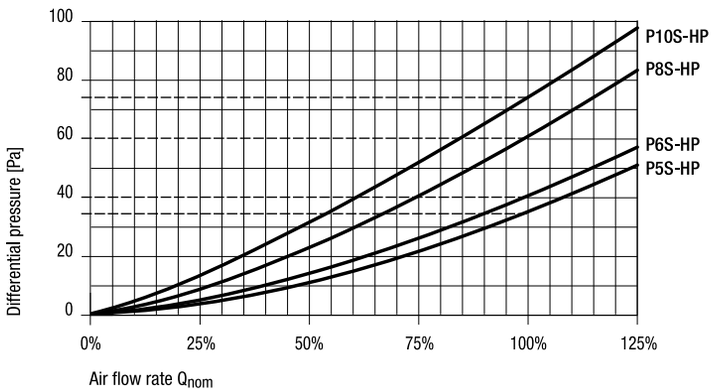
APPLICATION

Depending on their efficiency, these can be used as a filter section inside air handling units.
In MULTIMOD model duct housings (see page **96**).
For specific applications, modular filtering walls can be made, using metal clips to attach the filters inside special CT model counterframe (see page **103**).
CAV constant flow systems.

Code	Bags	Dimensions [mm]			Airflow rate Q nominal			Filtering surface	Initial differential pressure [Pa]			
	nr	L	H	W	[m^3/h]	[m^3/s]	[cfm]	[m^2]	P5S-HP	P6S-HP	P8S-HP	P10S-HP
2 - 25 /6	6	592	592	635	3400	0,944	2000	4,9	35	40	-	-
3 - 25 / 5	5	490	592	635	2900	0,806	1706	4,1	35	40	-	-
1 - 25 / 3	3	287	592	635	1700	0,472	1000	2,5	35	40	-	-
2 - 25 / 10	10	592	592	635	3400	0,944	2000	8,2	-	-	60	75
3 - 25 / 8	8	490	592	635	2900	0,806	1706	6,6	-	-	60	75
1 - 25 / 5	5	287	592	635	1700	0,472	1000	4,1	-	-	60	75



At the design stage, recommended sizing is 80% of the rated flow rate.



AIR FILTRATION

The specifications are subject to change without prior notice