

## Bag Filter – Coarse Dust

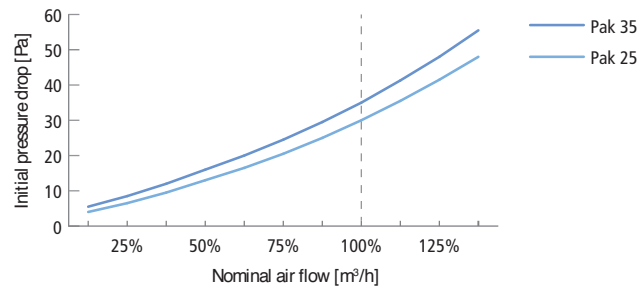


These bag filters have been proven to be efficient as pre-filters within HVACs and other ventilation systems. Spacers between individual bags ensure an even airflow throughout the filter, which allows dust loading and even distribution. This results in a long service life of the filter and reduces energy costs. The efficiency stays constant even with varying airflows. Also, the bags are intrinsically stiff while being exposed to the airstream. In order to guarantee a proper stability even with over-size filters, the front framework is being reinforced by angle bars. Customers may choose from front frames constructed of 25 [mm] thick galvanized sheet steel or plastic as well as 20 [mm] thick aluminium or plastic profiles. The ones with plastic frames can be completely incinerated, which makes disposal easier. All products meet the hygienic requirements according to VDI 6022.

Type:	Pak 25	Pak 35
Class EN 779	G3	G4
Arrestance EN 779 [%]	> 86 %	> 91 %
Efficiency EN 779 [%]	> 25 %	> 35 %
Initial-ΔP [Pa] at nominal air flow	30	35

Dimensions [mm]		Nominal air flow [m³/h]			# of pockets
Width	Height	Depth 200 [mm]	Depth 360 [mm]	Depth 500 [mm]	
592	592	1900	3400	4700	6
490	592	1600	2800	4000	5
287	592	900	1700	2300	3
287	287	500	950	1300	3
592	892	2700	4900	6000	6
287	892	1400	2400	3000	3

Please ask for other desired dimensions and designs.



Frame	<ul style="list-style-type: none"> <li>polystyrene 25 [mm] (combustible)</li> <li>galv. steel 25 [mm]</li> <li>polystyrene 20 [mm] (combustible)</li> </ul>
Operational conditions	max. rel. h. 100 %, max. temp. 70°C
Filtermedia	progressive synthetic fiber
Combustible	Yes (Frame: plastic)
Options	<ul style="list-style-type: none"> <li>various sizes and shapes (e.g. slanted filter bags)</li> <li>foamed gasket onto front frame</li> <li>antistatic construction for EX protected areas: i.e. Ex II 2GD IIA</li> </ul>