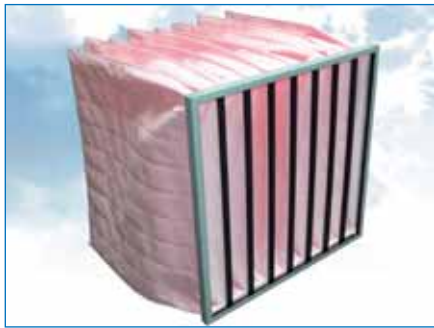


# Pocket Filter HS-Pak 88 (Fine Dust Filter)



## HS-Pak 88 - Fine Dust Filter

The media of this filter consists of a progressive and multilayered ultrafine synthetic fiber media, It is sewed together wedge-shaped. The filter serves as pre-filtration element or as main-filter, e.g. as for fine dust filtration in air-conditioning systems that require a high degree of air purity, in outside air inlets in assembly rooms or switch boxes, for food processing, clean room prefiltration, for pharmaceutical processes, aerosol-filtration, and further processes, where extremely pure air is needed.

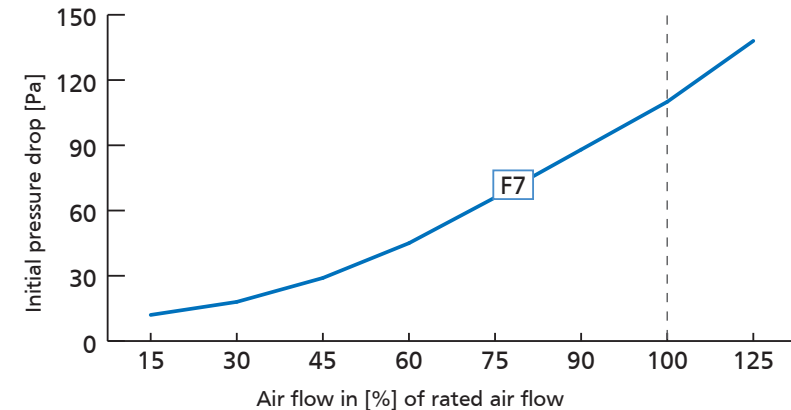
These high-quality filters are equipped with conical thread spacers throughout the entire bag, which ensures an even airflow and dust retention even in the furthest corners of the filter. This results in a long lifespan as well as low costs of energy.

The retention efficiency remains stable even with varying air flows; the bags stand intrinsically stiff. If required these bagfilters can be fitted with an enhanced prefilter layer to offer extreme dust load capacities and a prolonged service lifetime.

- **Frame:**
  - plastic, 25 mm, incinerable
  - steel plate, 25 mm
  - plastic, 20 mm
- **Operation Environments:**
  - max. rel. humidity 100 %
- **Initial- Δ P:**
  - 110 [Pa] (at nominal air flow)
- **Media:**
  - high-quality synthetic melt-blown (red indication)
- **Incinerable:**
  - yes - with plastic frame
- **Filter Class EN 779:2012:**
  - F7
- **Arrestance EN 779:2012:**
  - >99 %
- **Efficiency EN 779:2012:**
  - >=90 %, M.E. >40%  
initial efficiency >80%
- **Options:**
  - various number of bags
  - foamed gasket on front frame
  - completely incinerable with plastic front frame
  - enhanced pre-filtration layer for triple dust retention
  - Biostatic treatment: active substances prevent growth of Microorganisms and Bacteria on the filtersurface.

Width [mm]	Height [mm]	Depth=300 [mm] V [m³/h]	Depth=500 [mm] V [m³/h]	Depth=650 [mm] V [m³/h]	# of pockets
592	592	1570	2620	3400	8
490	592	1300	2160	2800	6
287	592	790	1310	1700	4
287	287	400	660	850	4
592	892	2360	3930	5100	8
287	892	1180	1970	2550	4

Data is rounded

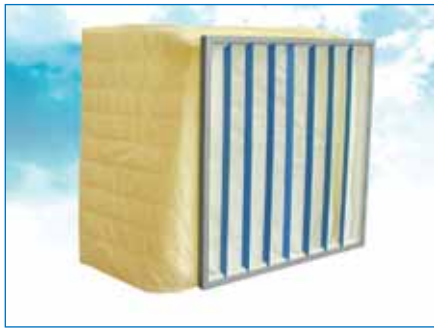


Our flexible production will be able to assemble the units upon your request. Please ask for further dimensions and configurations.

Optionally available with EX-protection: II 2GD IIA



# Pocket Filter HS-Pak 95 (Fine Dust Filter)



## HS-Pak 95 - Fine Dust Filter

The media of this filter consists of a progressive and multilayered ultrafine synthetic fiber media, It is sewed together wedge-shaped. The filter serves as pre-filtration element or as main-filter, e.g. as for fine dust filtration in air-conditioning systems that require a very high degree of air purity, filter in outside air inlets in assembly rooms or switch boxes, for food processing, pre-filter in clean rooms for pharmaceutical processes, aerosol-filtration, and further processes, where extremely pure air is needed.

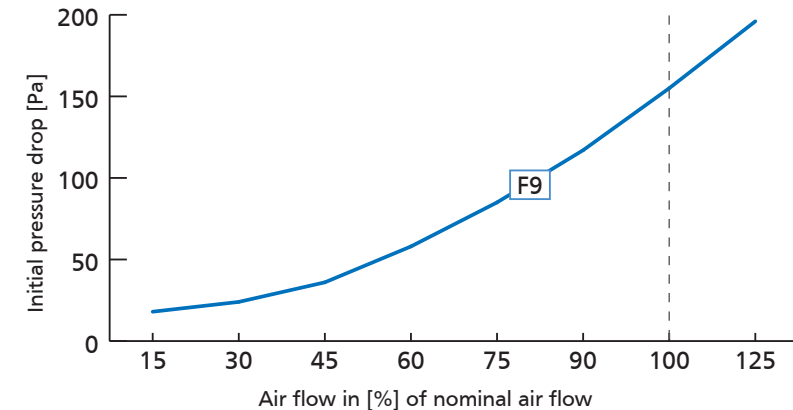
These high-quality filters are equipped with parallel spacers throughout the entire bag, which ensures an even airflow and dust retention even in the furthest corners of the filter. This results in a long lifespan as well as low costs of energy.

The retention efficiency remains stable even with varying air flows; the bags stand intrinsically stiff. If required these bagfilters can be fitted with an enhanced prefilter layer to offer extreme dust load capacities and a prolonged service lifetime.

- **Frame:**
  - plastic, 25 mm, incinerable
  - steel plate, 25 mm
  - plastic, 20 mm
- **Operation Environments:**
  - max. rel. humidity 100 %
- **Initial-  $\Delta P$ :**
  - 155 [Pa] (at nominal air flow)
- **Media:**
  - high-quality synthetic melt-blown (yellow indication)
- **Incinerable:**
  - yes - with plastic frame
- **Filter Class EN 779:2012:**
  - F9
- **Arrestance EN 779:2012:**
  - >99 %
- **Efficiency EN 779:2012:**
  - $\geq 95$  [%], M.E.>70%
  - Initial efficiency: > 98%
- **Options:**
  - various number of bags
  - foamed gasket on front frame
  - completely incinerable with plastic front frame
  - enhanced pre-filtration layer for triple dust retention
  - Biostatic treatment: active substances prevent growth of Microorganisms and Bacteria on the filtersurface.

Width [mm]	Height [mm]	Depth=300 [mm] V [m³/h]	Depth=500 [mm] V [m³/h]	Depth=650 [mm] V [m³/h]	# of pockets
592	592	1570	2620	3400	8
490	592	1300	2160	2800	6
287	592	790	1310	1700	4
287	287	400	660	850	4
592	892	2360	3930	5100	8
287	892	1180	1970	2550	4

Data is rounded



Our flexible production will be able to assemble the units upon your request. Please ask for further dimensions and configurations.

Optionally available with EX-protection: II 2GD IIA

