

Bag Filter – Finedust



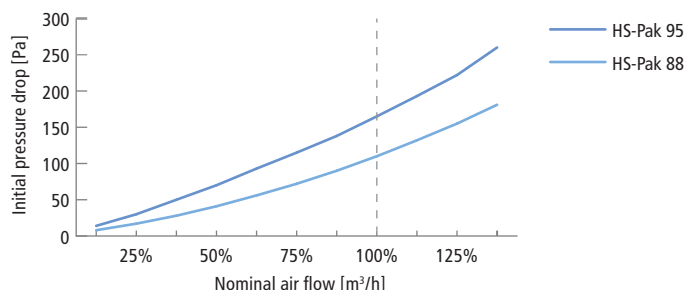
HS-Pak 88 and HS-Pak 95 serve as main filters for fine dust filtration in HVAC systems. These types serve as cost-effective filters for indoor air quality and other applications such as technical assembly rooms or for air purification in the food industry. They may also be used as pre filters for clean rooms within the pharmaceutical industry. Their use is recommended in applications where the fulfillment of EN 779:2012 is obligatory but the higher costs of energy saving filters can not amortize due to the technical or hygienic conditions and requirements (i.e. short changing intervals, no frequency controlled fans).

These products constructed of high-quality synthetic filter medias and comply with the highest hygienic standards. 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 made from 25 [mm] deep galvanized steel or plastic as well as 20 [mm] plastic profiles. The ones with plastic frames are completely incinerable, which makes disposal easier. All standard sized filters are fitted with our patented air entry guide profiles.

| Type: | HS-Pak 88 | HS-Pak 95 |
|-------------------------------------|--------------|--------------|
| Class EN 779 | F7 | F9 |
| Class ISO 16890 | ISO ePM1 65% | ISO ePM1 80% |
| Initial-ΔP [Pa] at nominal air flow | 115 | 160 |

| Dimension [mm] | | Nominal air flow [m³/h] | | | # of pockets |
|----------------|--------|-------------------------|----------------|----------------|--------------|
| Width | Height | Depth 300 [mm] | Depth 500 [mm] | Depth 600 [mm] | |
| 592 | 592 | 1570 | 2620 | 3400 | 8 |
| 490 | 592 | 1300 | 2160 | 2800 | 6 |
| 287 | 592 | 790 | 1210 | 1700 | 4 |
| 287 | 287 | 400 | 660 | 850 | 4 |
| 592 | 892 | 2360 | 3930 | 5100 | 8 |
| 287 | 892 | 1180 | 1970 | 2550 | 4 |

Please ask for other desired dimensions and designs.



| | |
|------------------------|--|
| Frame | <ul style="list-style-type: none"> polystyrene 25 [mm] (combustible) galv. steel 25 [mm] polystyrene 20 [mm] (combustible) |
| Operational conditions | max. rel. h. 100%, max. temp. 70°C |
| Filtermedia | synthetic filter media with enhanced micro-nano-fibre structure color: F7 / ePM 2.5 = pink, F9 / ePM1 = white + print |
| Combustible | Yes (Frame: plastic) |
| Options | <ul style="list-style-type: none"> various sizes and shapes (e. g. slanted filter bags) foamed gasket onto front frame EX protected EX high performance microfibre-pre-filter layer for increased lifetime bio-static treatment to prevent growth of microorganisms, fungi and bacteria |