

## Compact Filter – HS-Mikro Pak 4V



HS-Mikro Pak 4V compact filters serve as pre-filter and main filter when high flow rates and high initial efficiency are required.

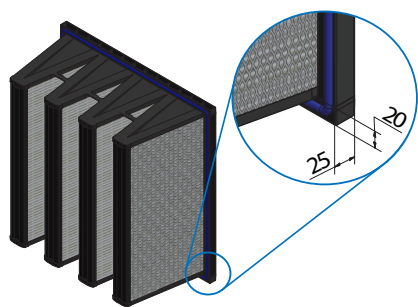
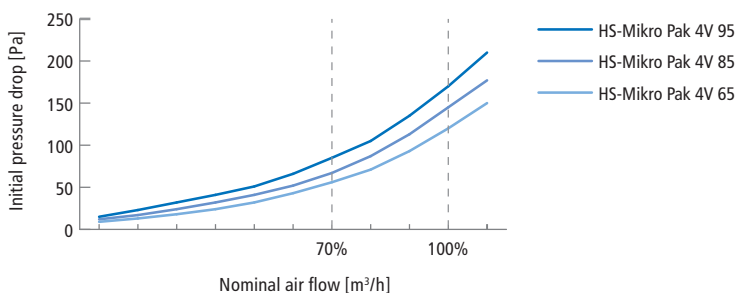
These filters offer more filter surface than the classic HS-Mikro Pak and can therefore achieve a higher dust storage capacity and thus longer service life.

Thanks to the aerodynamically shaped inlet profiles, these filters offer significantly lower initial pressures than comparable filters from other manufacturers. The robust plastic frame is corrosion-free and allows easy disposal - the filter is completely incinerable.

For applications with the highest demands, the filter can be reinforced on the clean air side with burst protection grids.

Typ:	HS-Mikro Pak 4V			Energy class comparable to Eurovent 4/21	
	65	85	95		
Class EN 779	M6	F7	F9		
Class ISO 16890	ePM10 85%	ePM1 65%	ePM1 90%		
Initial-ΔP [Pa] (A / B)	65 / 120	75 / 140	85 / 165		
Recc. final ΔP	600				
Max. temp. [°C]	65° (optional 120°)				
Dimensions [mm]			Nominal air flow [m³/h]		Weight [kg]
Width	Height	Depth	A: standard	B: high flow rate	
592	592	292	3400	5000	7
490	592	292	2800	4100	5
287	592	292	1700	2500	3

Please ask for other desired designs.



Detail: flange dimension (without gasket)  
Displays also options 1 & 2.

Frame	corrosion resistant plastic
Operational conditions	<ul style="list-style-type: none"> <li>max. rel. h. 100 [%]</li> <li>max. temp. 65 [°C], short term peak up to max. 80 [°C]</li> <li>optional up to max. 120 [°C]</li> </ul>
Spacers	thermoplastic (miniplate)
Filtermedia	<ul style="list-style-type: none"> <li>high quality glass fibre paper (water resistant), pressure drop may temporarily increase at high humidity levels</li> <li>Optional: fully synthetic filtermedia for maximum rigidity, higher mechanical stress tolerance</li> </ul>
Combustible	YES
Options	<ol style="list-style-type: none"> <li>burst protector / protection screen</li> <li>foamed gasket on the clean air side of the flange</li> <li>+14% more filtersurface</li> <li>temperature resistance up to 120°C</li> </ol>
Example applications	<ul style="list-style-type: none"> <li>main filter for gas turbines</li> <li>pre- and mainfiltration for particle and finedust removal</li> <li>main filter for comfort air filtration</li> </ul>