

## EPA / HEPA Filter – HS-Mikro Pak SFV

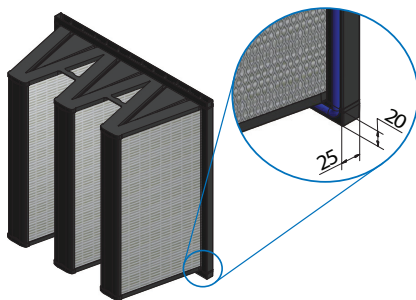
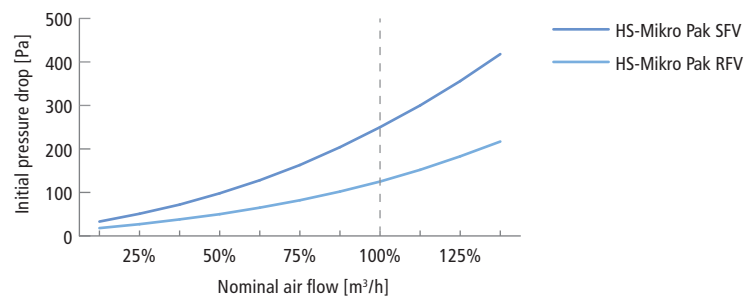


These filters ideally suit as main filter stage where high air flow rates and maximum efficiency are required. HS-Mikro Pak SFV are applied mainly in industrial process (i.e. as safety filter after mechanical oil-fog filters). HS-Mikro Pak SFV also fit as mainfilterstage for the removal of particles, toxic dusts or aerosols from the exhaust or supply air flows. The V-bank system offers superior filter surfaces and therefore ensure a long service lifetime. The filterframe offers maximum rigidity and is corrosion free. Existing bagfilterstages can be easily upgraded by exchange due to the fact that HS-Mikro Pak SFV fit into standard bag filter mounting frames. The filterframe consists of plastic and therefore guarantees an easy waste disposal because the whole filter is completely incinreable. The design also fulfils different hygiene regulations (like the German VDI 6022) and therefore is especially recommended for areas with high air humidity.

Type:	HS-Mikro Pak RFV	HS-Mikro Pak SFV
Class EN 1822	E11	H13
Efficiency EN 1822 @ MPPS [%]	> 95 %	> 99,95 %
Initial-ΔP [Pa] at nominal air flow	125	250
Rec. final pressure drop [Pa]	600	600
Max. temp. [°C]	65°	65°

Width	Dimensions [mm]		Nominal air flow [m³/h]	Weight [kg]
	Height	Depth		
287	592	292	1200	3,2 kg
490	592	292	2000	5,3 kg
592	592	292	2500	6,0 kg

Please ask for other desired dimensions and 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]</li> <li>short term peak up to max. 80 [°C]</li> </ul>
Spacers	thermoplastic (minipleat)
Filtermedia	<ul style="list-style-type: none"> <li>high efficient glass fibre paper (water repellent, moisture resistant)</li> <li>pressure drop may temporarily increase at high humidity levels</li> </ul>
Combustible	Yes
Options	<ol style="list-style-type: none"> <li>1.) burst / grasp protection grid</li> <li>2.) foamed gasket on the clean air side of the flange</li> <li>3.) +14% more filtersurface</li> </ol>