

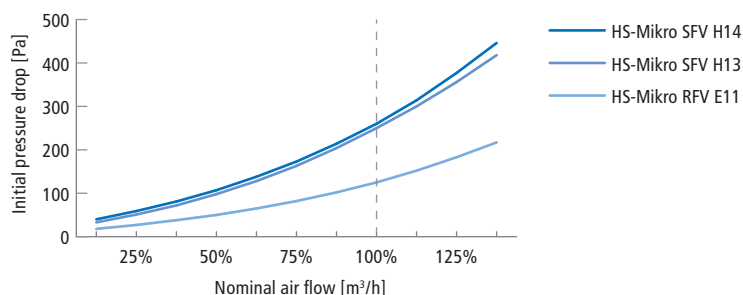


HS-Mikro SFV may be used as primary or main filter in environments requiring large or fluctuating flow rates as well as low pressure differences. Its elements are made up of pleated micro fiber glass media and are equipped with thermoplastic separators. Single filter packages are fitted into the frames in a V-shaped manner, in order to obtain maximal filter surface which may handle higher flow rates at the lowest possible pressure differences. HS-Mikro SFV may be installed into environments that need sterile clean air. They offer various options for the usage in industrial and technical processes. This product is almost metal-free and thus completely incinerable. This filter type might optionally be fitted with special heat resistant thermoplastic spacers for temperature ranges of up to 120°C. Such filters are marked with the model name HS-Mikro SFV-T.

Type:	HS-Mikro RFV	HS-Mikro SFV	
Class EN 1822	E11	H13	H14
Efficiency EN 1822 @ MPPS [%]	> 95 %	> 99,95 %	> 99,995 %
Initial-ΔP [Pa] at nominal air flow	125	250	260
Max. temp. [°C]	65° / opt.120°	65° / opt.120°	65° / opt.120°

Dimensions [mm]			Nominal air flow [m³/h]	# of filterpacks
Width	Height	Depth		
610	305	292	1300	8
457	457	292	1270	6
575	575	292	2160	6
610	610	292	3000	8
610	610	292	4000	10 ⁽¹⁾
762	610	292	3750	10

⁽¹⁾ special high air flow version, initial-ΔP >300 Pa
Please ask for other desired dimensions and designs.



Frame	<ul style="list-style-type: none"> ▪ MDF ▪ plywood ▪ galv. or stainless ▪ polystyrene plastic (65°C) ▪ ABS plastic (120°C) ▪ aluminium
Operational conditions	<ul style="list-style-type: none"> ▪ max rel. h. 100 [%], max. temp. 65 [°C] ▪ optional: HS-Mikro SF-T up to max. 120 [°C] with glassfibre media only
Spacers	thermoplastic (minipleat)
Filtermedia	<ul style="list-style-type: none"> ▪ high quality glass fibre (standard), water repellent ▪ ePTFE (optional) reduced Initial-ΔP: up to -60%, water resistant, resistant against disinfectant, highly mechanical & chemical resistance
Combustible	Yes (frame: MDF, plywood, plastic)
Options	<ul style="list-style-type: none"> ▪ burst- & protection screens [Attention! Initial-ΔP will be much higher] ▪ handle ▪ gasket on both sides ▪ customized gaskets (epdm, viton, ptfе or other customer specific) ▪ antistatic filter for EX areas i.e. : Ex II 2GD IIA ▪ customizations i.e.: grooves, guide-rails, boxed filter etc.

Gasket options	height [mm]	form
seamless foamed polyurethane gasket (standard)	6 or 8	
flat sectionized neoprene gasket	6 or 8	
leak test gasket	7,5	