

EPA / HEPA Filter – Mikro SFV

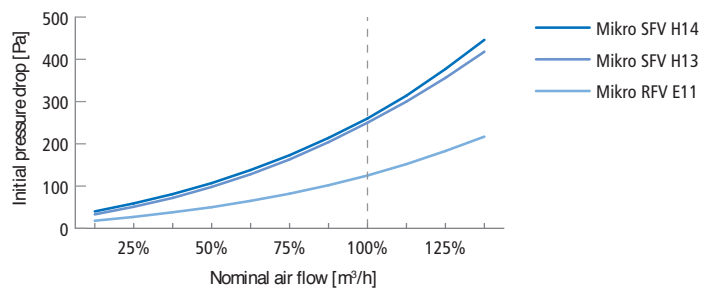


Mikro SFV may be used as primary or main filter in environments requiring large or fluctuating air flow rates as well as low pressure differences. Its elements are made up of pleated micro fiber glass media and are equipped with thermoplastic separators. Single filter packages are fitted into the frames in a V-shaped manner, in order to obtain maximal filter surface which may handle higher flow rates at the lowest possible pressure differences. Mikro SFV may be installed into environments that need sterile clean air. They offer various options for the usage in industrial and technical processes. If ordered with a plastic frame this product is metal free and thus can be completely incinerated. 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 Mikro SFV-T.

| Type: | Mikro RFV | 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 | 4 |
| 457 | 457 | 292 | 1270 | 6 |
| 575 | 575 | 292 | 2260 | 7 |
| 610 | 610 | 292 | 3000 | 8 |
| 610 | 610 | 292 | 4000 | 10 ⁽¹⁾ |
| 762 | 610 | 292 | 3750 | 10 |

⁽¹⁾ special high air flow version
Please ask for other desired dimensions and designs.



| | |
|------------------------|--|
| Frame | <ul style="list-style-type: none"> • MDF • plywood • stainless • polystyrene plastic • galv. steel • aluminium |
| Operational conditions | <ul style="list-style-type: none"> • max rel. h. 100 [%], max. temp. 65 [°C] • optional: Mikro SF-T up to max. 120 [°C] with glassfiber media only |
| Spacers | thermoplastic (mini-pleat) |
| Filtermedia | <ul style="list-style-type: none"> • high quality glass fiber (standard), water repellent • ePTFE (optional) reduced Initial-ΔP: -45 %, 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 [Initial-ΔP will be higher] • handles • gasket on both sides • customized gaskets (epdm, viton, ptfe 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 | |