

## Compact Filter – Makro FV



This durable fine dust filter is suitable as pre- or main-filtration element in systems where relatively high volumes as well as variable airflows are typical. Areas of use include pre-filtration of airborne particles, as filter for industrial or food processing, in hospitals or any other high-flow application. Due to our flexible manufacturing process we can fit the filter into mounting frames by all major brands. The media is laid in narrow pleats, and fixed evenly by thermoplastic spacers. Single filter packages are placed into the mounting frame forming a V-shape. This design allows maximum filter surface within comparably small filters. Various customized specifications are possible. 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 Makro FV-T.

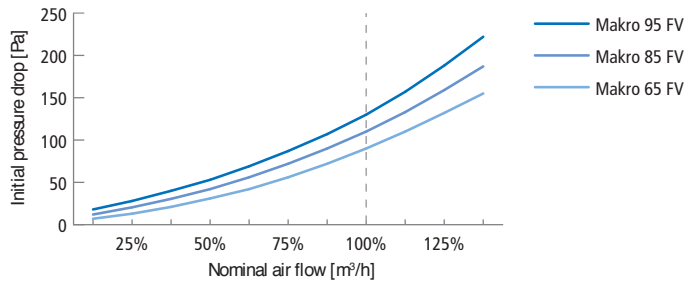





Type:	Makro 65 FV	Makro 85 FV	Makro 95 FV
Class EN 779	M6	F7	F9
Efficiency EN 779 [%]	> 65 %	> 85 %	> 95 %
Initial- $\Delta P$ [Pa] at nominal air flow	90	110	130
Max. temp. [°C]	65° / opt.120°	65° / opt.120°	65° / opt. 120°

Width	Dimension [mm]		Nominal air flow [m³/h]	# of filterpacks
	Height	Depth		
610	305	292	2000	4
457	457	292	2550	6
575	575	292	4000	7
610	610	292	5000	8
762	610	292	6000	10

Please ask for other desired dimensions and designs.



Frame	<ul style="list-style-type: none"> <li>MDF/ medium density fiber board (standard)</li> <li>plywood</li> <li>galv. steel</li> <li>stainless</li> <li>polystyrene</li> </ul>	
Operational conditions	<ul style="list-style-type: none"> <li>max. rel. h. 100 [%]</li> <li>max. temp. 65 [°C] (standard)</li> <li>optional: Makro FV-T max. 120°C</li> </ul>	
Spacers	thermoplastic (Mini-pleat)	
Filtermedia	high quality glass fiber paper (water resistant)	
Combustible	Yes (frame: MDF, plywood, polystyrene)	
Options	<ul style="list-style-type: none"> <li>burst- &amp; protection screens [Attention! Initial-<math>\Delta P</math> will be much higher]</li> <li>handle</li> <li>gasket on both sides</li> <li>customized gaskets (epdm, viton, ptfе or other customer specific)</li> <li>antistatic filter for EX areas i.e. :  II 2GD IIA</li> <li>customizations i.e.: grooves, guide-rails, boxed filter etc.</li> </ul>	
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	