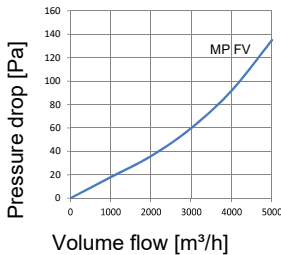




Pressure drop diagram:
Applies to size 592 x 592 x 292



MultiPlan FV

V-shape filter design consisting of pleated microglass fiber paper, cone-shaped bags

Application:

Primarily as pre filter of EPA and HEPA filters; hereby improving the service intervals of premium EPA and HEPA filters; (filter classes ISO ePM_{2.5} 60 %, ISO ePM₁ 55 % and ISO ePM₁ 85 % as of ISO 16890)

Special features:

V-shape filter design enables high volume flows with small installation depth; great mechanical stability through established fold design; metal-free separation of folds

Areas of application:

Microelectronics, production of semiconductors, health care, chemical, pharmaceutical industries, microbiology

Frame material
galvanized steel


Filter class as of EN 779:2012
M6, F7 & F9

For the NEW filter class as of ISO 16890
refer to table

Filter media
Micro glass fiber paper

Gasket
PUR semicircular seal
flat-profile seal
others seals on request

Temperature resistance
< 70 °C

	Filter elements: Multiplan FV					
	Filter medium: Pleated micro glass fiber paper					
	Optional gasket: Flat section					
	Sealing position: optional by default on the dust air side, on the clean air side available on request					
Unit Type Code	Width [mm]	Height [mm]	Depth [mm]	Filter surface [m ²]	Volume flow [m ³ /h]	Initial pressure drop [Pa]
fine dust filter in V-shape design MP65						
<i>OLD filter class [EN 779:2012] – M6</i>						
NEW filter class [ISO 16890] – ISO ePM_{2.5} 60%						
MP65VT-5000/VG1-M60	610	610	292	42,6	5.000	110
MP65VT-2300/VG1-M60	305	610	292	21,3	2.300	110
fine dust filter in V-shape design MP85						
<i>OLD filter class [EN 779:2012] – F7</i>						
NEW filter class [ISO 16890] – ISO ePM₁ 55 %						
MP85VT-5000/VG1-F55	610	610	292	42,6	5.000	135
MP85VT-2300/VG1-F55	305	610	292	21,3	2.300	135
fine dust filter in V-shape design MP95						
<i>OLD filter class [EN 779:2012] – F9</i>						
NEW filter class [ISO 16890] – ISO ePM₁ 85 %						
MP95VT-5000/VG1-F85	610	610	292	42,6	5.000	240
MP95VT-2300/VG1-F85	305	610	292	21,3	2.300	240