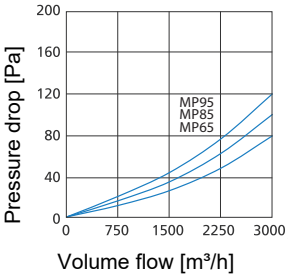
***Pressure drop diagram**:*
Applies to size 610 x 610 x 292



Filter elements MultiPlan I (MP65, 85, 95)
uses special paper-like fleece made of superfine micro-glass fibres, which are processed to form a stable package of folds; number and height of folds is designed to match the optimal rated operating points; here the individual folds are separated down to the greatest depth of the folds by continuous synthetic threads (hot melt) that are bonded together, which provides great stability as a result of the compact fold structure; as standard version the filter element is provided with a peripheral seal on the intake (dusty)-air side and the filter frame is made of MDF or plastic.

Application:
Primarily as pre filter of EPA and HEPA filters; hereby improving the service intervals of premium EPA and HEPA filters

Special features:
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.

Type:
Standard configuration with PUR seal (polyurethane) and frame made of MDF, galvanized frame and other dimensions are available on request.

EUROVENT CERTIFIED PERFORMANCE
AIR FILTERS
CLASS M5 - F9
www.eurovent-certification.com

Frame material
medium-density fibreboard (MDF), 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
others seals on request

Temperature resistance
< 70 °C

Environmental conditions:
Operating temperature(max. °C)

Maximum relative air humidity: 100 %

Filter elements **MultiPlan I**
Filter medium: **Pleated micro glass fiber paper**
Sealing position: **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]
MultiPlan I MP65						
OLD filter class [EN 779:2012] – M6						
***NEW filter class* [ISO 16890] – ISO ePM$_{2.5}$ 55 %**						
MP65C-1500/MG1-M55	610	610	46	7,0	1.500	40
MP65C-750/MG1-M55	305	610	46	3,7	750	40
MP65S-3000/MG1-M55	610	610	78	10,8	3.000	70
MP65S-1500/MG1-M55	305	610	78	5,0	1.500	70
MP65H-1500/MG1-M55	610	610	150	6,2	1.500	70
MP65H-750/MG1-M55	305	610	150	2,9	750	70
MP65H-3000/MG1-M55	610	610	150	10,8	3.000	70
MP65H-1500/MG1-M55	305	610	150	5,0	1.500	70
MP65T-3000/MG1-M55	610	610	292	10,8	3.000	70
MP65T-1500/MG1-M55	305	610	292	5,0	1.500	70
MultiPlan I MP85						
OLD filter class [EN 779:2012] – F7						
***NEW filter class* [ISO 16890] – ISO ePM$_1$ 50 %**						
MP85C-1500/MG1-F50	610	610	46	7,0	1.500	65
MP85C-750/MG1-F50	305	610	46	3,7	750	65
MP85S-3000/MG1-F50	610	610	78	10,0	3.000	100
MP85S-1500/MG1-F50	305	610	78	5,2	1.500	100
MP85H-1500/MG1-F50	610	610	150	6,2	1.500	100
MP85H-750/MG1-F50	305	610	150	2,9	750	100
MP85H-3000/MG1-F50	610	610	150	10,0	3.000	100
MP85H-1500/MG1-F50	305	610	150	5,2	1.500	100
MP85T-3000/MG1-F50	610	610	292	10,0	3.000	100
MP85T-1500/MG1-F50	305	610	292	5,2	1.500	100
MultiPlan I MP95						
OLD filter class [EN 779:2012] – F9						
***NEW filter class* [ISO 16890] – ISO ePM$_1$ 80 %**						
MP95C-1500/MG1-F80	610	610	46	7,0	1.500	110
MP95C-750/MG1-F80	305	610	46	3,7	750	110
MP95S-3000/MG1-F80	610	610	78	10,8	3.000	150
MP95S-1500/MG1-F80	305	610	78	5,0	1.500	150
MP95H-1500/MG1-F80	610	610	150	6,2	1.500	150
MP95H-750/MG1-F80	305	610	150	2,9	750	150
MP95H-3000/MG1-F80	610	610	150	10,8	3.000	150
MP95H-1500/MG1-F80	305	610	150	5,0	1.500	150
MP95T-3000/MG1-F80	610	610	292	10,8	3.000	150
MP95T-1500/MG1-F80	305	610	292	5,0	1.500	150