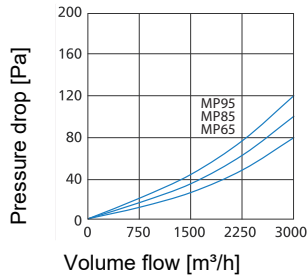



Pressure drop diagram:

Applies to size 610 x 610 x 292 mm


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.

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 16890:2016

refer to table
on page 45

Filter media

Micro glass fiber paper

Gasket

PUR semicircular seal
others seals on request

Temperature

resistance
< 70 °C

Environmental conditions: Operating temperature: max. 80 °C

Maximum relative air humidity: 100 %

Unit type code

Example:		M P	9 5	S	-	3 0 0 0	/	M	G	1	N
		Product name	Type	Installation depth	Nominal air flow volume			Frame type	Seal design	Seal position	Option
M P	MultiPlan										
65	ISO ePM _{2.5} 55 %										
85	ISO ePM ₁ 50 %										
95	ISO ePM ₁ 80 %										
C	installation depth 46 mm										
S	installation depth 78 mm										
H	installation depth 150 mm										
T	installation depth 292 mm										
Rated volume flow rate –											
refer to table „form of delivery/order number“ on the next page											
M	MDF										
V	Galvanized steel										
G	Polyurethane, foamed										
F	Flat profile										
0	Without										
1	Seal on the dust-air side – Standard										
2	Seal on pure-air side										
3	Seal on both sides										
N	Neutral										



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						
<i>OLD filter class [EN 779:2012] – M6</i>						
NEW filter class [ISO 16890:2016] – ISO ePM_{2.5} 55 %						
MP65C-1500/MG1	610	610	46	7,0	1.500	40
MP65C-750/MG1	305	610	46	3,7	750	40
MP65S-3000/MG1	610	610	78	10,8	3.000	70
MP65S-1500/MG1	305	610	78	5,0	1.500	70
MP65H-1500/MG1	610	610	150	6,2	1.500	70
MP65H-750/MG1	305	610	150	2,9	750	70
MP65H-3000/MG1	610	610	150	10,8	3.000	70
MP65H-1500/MG1	305	610	150	5,0	1.500	70
MP65T-3000/MG1	610	610	292	10,8	3.000	70
MP65T-1500/MG1	305	610	292	5,0	1.500	70
MultiPlan I MP85						
<i>OLD filter class [EN 779:2012] – F7</i>						
NEW filter class [ISO 16890:2016] – ISO ePM₁ 50 %						
MP85C-1500/MG1	610	610	46	7,0	1.500	65
MP85C-750/MG1	305	610	46	3,7	750	65
MP85S-3000/MG1	610	610	78	10,0	3.000	100
MP85S-1500/MG1	305	610	78	5,2	1.500	100
MP85H-1500/MG1	610	610	150	6,2	1.500	100
MP85H-750/MG1	305	610	150	2,9	750	100
MP85H-3000/MG1	610	610	150	10,0	3.000	100
MP85H-1500/MG1	305	610	150	5,2	1.500	100
MP85T-3000/MG1	610	610	292	10,0	3.000	100
MP85T-1500/MG1	305	610	292	5,2	1.500	100
MultiPlan I MP95						
<i>OLD filter class [EN 779:2012] – F9</i>						
NEW filter class [ISO 16890:2016] – ISO ePM₁ 80 %						
MP95C-1500/MG1	610	610	46	7,0	1.500	110
MP95C-750/MG1	305	610	46	3,7	750	110
MP95S-3000/MG1	610	610	78	10,8	3.000	150
MP95S-1500/MG1	305	610	78	5,0	1.500	150
MP95H-1500/MG1	610	610	150	6,2	1.500	150
MP95H-750/MG1	305	610	150	2,9	750	150
MP95H-3000/MG1	610	610	150	10,8	3.000	150
MP95H-1500/MG1	305	610	150	5,0	1.500	150
MP95T-3000/MG1	610	610	292	10,8	3.000	150
MP95T-1500/MG1	305	610	292	5,0	1.500	150