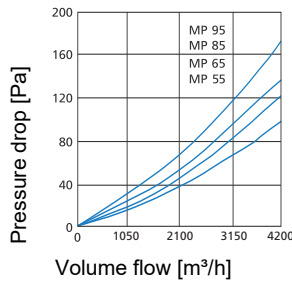




Pressure drop diagram:
 Applies to size 592 x 592 x 96 mm



Filter Elements MultiPlan II (MP55, 65, 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 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 without gasket; plastic frame and other sizes are available on request



Frame material
ABS

Filter class as of
EN 779:2012
 M5, M6, F7 & F9

For the NEW filter class
as of ISO 16890:2016
 refer to table
 on page 48

Filter media
 Micro glass fiber paper

Gasket
 on request

Temperature
resistance
 < 70 °C



Ambient conditions: Operating temperature: max. 70°C
 Maximum relative air humidity: 100 %

Unit type code

Example: **M P 95 S - 3000 / K F 1 BV N**

	Product name	Type	Installation depth	Nominal air flow volume	Frame type	Seal design	Seal position	Grip protection 1.4301	Option
M P	MultiPlan								
55	ISO ePM ₁₀ 70 %								
65	ISO ePM _{2,5} 55 %								
85	ISO ePM ₁ 50 %								
95	ISO ePM ₁ 80 %								
L	installation depth 48 mm								
S	installation depth 78 mm								
J	installation depth 96 mm								
SF	installation depth 78 mm (head frame)								
JF	installation depth 100 mm (head frame)								
Rated volume flow rate – refer to table „form of delivery/order number“ on the next page									
K	Synthetic								
F	flat profile								
0	none								
optional gasket:									
1	gasket on crude air side – standard								
2	gasket on clean air side								
3	gasket on both sides of the filter element								
BV1	grip protection on crude air side								
BV2	grip protection clean air side								
BV3	grip protection on both sides of the filter element								
N	Neutral								



Filter Elements: MultiPlan II
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]
MultiPlan II MP55						
<i>OLD filter class [EN 779:2012] – M5</i>						
NEW filter class [ISO 16890:2016] – ISO ePM₁₀ 70 %						
MP55L-1200/K0	592	382	48	3,6	1.200	45
MP55L-1570/K0	490	592	48	4,6	1.570	45
MP55L-1840/K0	892	382	48	5,4	1.840	45
MP55L-1900/K0	592	592	48	5,7	1.900	45
MP55L-2360/K0	892	490	48	7,0	2.360	45
MP55L-475/K0	287	287	48	1,3	475	45
MP55L-950/K0	287	592	48	2,7	950	45
MP55S-3000/K0	592	592	78	9,7	3.000	75
MP55S-1500/K0	287	592	78	4,6	1.500	75
MP55J-1700/K0	287	592	96	4,8	1.700	91
MP55J-2200/K0	592	382	96	6,5	2.200	91
MP55J-2800/K0	592	490	96	8,2	2.800	91
MP55J-3300/K0	892	382	96	9,7	3.300	91
MP55J-3400/K0	592	592	96	10,1	3.400	91
MP55J-4200/K0	892	490	96	12,5	4.200	91
MP55J-850/K0	287	287	96	2,3	850	91
MultiPlan II MP65						
<i>OLD filter class [EN 779:2012] – M6</i>						
NEW filter class [ISO 16890:2016] – ISO ePM_{2,5} 55 %						
MP65L-1570/K0	490	592	48	4,6	1.570	50
MP65L-1200/K0	592	382	48	3,6	1.200	50
MP65L-1900/K0	592	592	48	5,7	1.900	50
MP65L-2000/K0	610	610	48	6,0	2.000	50
MP65L-475/K0	287	287	48	1,3	475	50
MP65L-950/K0	287	592	48	2,7	950	50
MP65S-3000/K0	592	592	78	9,7	3.000	80
MP65S-1500/K0	287	592	78	4,6	1.500	80
MP65J-1700/K0	287	592	96	4,8	1.700	105
MP65J-1750/K0	305	610	96	2,9	1.750	105
MP65J-2800/K0	490	592	96	4,6	2.800	105
MP65J-3400/K0	592	592	96	10,1	3.400	105
MP65J-3500/K0	610	610	96	6,0	3.500	105
MP65J-850/K0	287	287	96	1,3	850	105

Unit Type Code	Width [mm]	Height [mm]	Depth [mm]	Filter surface [m ²]	Volume flow [m ³ /h]	Initial pressure drop [Pa]
Filter Elements: MultiPlan II						
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						
MultiPlan II MP85						
<i>OLD filter class [EN 779:2012] – F7</i>						
NEW filter class [ISO 16890:2016] – ISO ePM₁ 50 %						
MP85L-1200/K0	592	382	48	3,6	1.200	60
MP85L-1570/K0	592	490	48	4,6	1.570	60
MP85L-1840/K0	892	382	48	5,4	1.840	60
MP85L-1900/K0	592	592	48	5,6	1.900	60
MP85L-2360/K0	892	490	48	7,0	2.360	60
MP85L-475/K0	287	287	48	1,3	475	60
MP85L-950/K0	287	592	48	2,7	950	60
MP85J-1700/K0	287	592	96	4,8	1.700	120
MP85J-2200/K0	592	382	96	6,5	2.200	120
MP85J-2800/K0	592	490	96	8,2	2.800	120
MP85J-3300/K0	892	382	96	9,7	3.300	120
MP85J-3400/K0	592	592	96	10,1	3.400	120
MP85J-4200/K0	892	490	96	12,5	4.200	120
MP85J-850/K0	287	287	96	2,3	850	120
MP85S-1500/K0	287	592	78	4,6	1.500	120
MP85S-3000/K0	592	592	78	9,7	3.000	120
MultiPlan II MP95						
<i>OLD filter class [EN 779:2012] – F9</i>						
NEW filter class [ISO 16890:2016] – ISO ePM₁ 80 %						
MP95L-1000/K0	305	610	48	6,0	1.000	120
MP95L-1570/K0	490	592	48	4,6	1.570	120
MP95L-1900/K0	592	592	48	5,7	1.900	120
MP95L-2000/K0	610	610	48	1,3	850	120
MP95L-475/K0	287	287	48	1,3	475	120
MP95L-950/K0	287	592	48	2,7	950	120
MP95S-3000/K0	592	592	78	9,7	3.000	150
MP95S-1500/K0	287	592	78	4,6	1.500	150
MP95J-1700/K0	287	592	96	4,8	1.700	181
MP95J-1750/K0	305	610	96	5,2	1.750	181
MP95J-2800/K0	490	592	96	8,2	2.800	181
MP95J-3400/K0	592	592	96	10,1	3.400	181
MP95J-3500/K0	610	610	96	10,7	3.500	181

Unit Type Code	Width [mm]	Height [mm]	Depth [mm]	Filter surface [m ²]	Volume flow [m ³ /h]	Initial pressure drop [Pa]	Filter class as of EN 779:2012	NEW filter class as of ISO 16890:2016
MP55SF-2400/K0	592	592	78	6,0	2.400	105	M5	ISO ePM ₁₀ 70 %
MP55SF-1200/K0	287	592	78	4,6	1.200	105		
MP55JF-3400/K0	592	592	100	8,9	3.400	105		
MP55JF-1700/K0	287	592	100	3,6	1.200	105		
MP65SF-1200/K0	287	592	78	4,6	1.200	110	M6	ISO ePM _{2,5} 55 %
MP65SF-2400/K0	592	592	78	6,0	2.400	110		
MP65JF-3400/K0	592	592	100	8,9	3.400	110		
MP65JF-1700/K0	287	592	100	3,6	1.200	110		
MP85SF-2400/K0	592	592	78	6,0	2.400	125	F7	ISO ePM ₁ 55 %
MP85SF-1200/K0	287	592	78	4,6	1.200	125		
MP85JF-3400/K0	592	592	100	8,9	3.400	125		
MP85JF-1700/K0	287	592	100	3,0	1.200	125		
MP95SF-2400/K0	592	592	78	6,0	2.400	215	F9	ISO ePM ₁ 80 %
MP95SF-1200/K0	287	592	78	4,6	1.200	215		
MP95JF-3400/K0	592	592	100	8,9	3.400	215		
MP95JF-1700/K0	287	592	100	3,6	1.200	215		