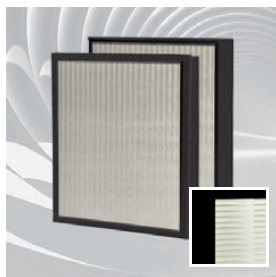


Filter Elements MultiPlan II (MP55, 65, 85, 95)

DELBAG® Air Filtration

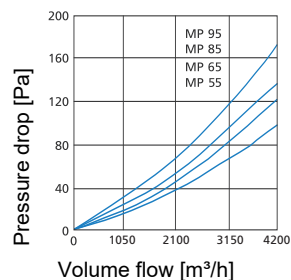


Filter Elements MultiPlan II (MP55, 65, 85, 95)

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.

Pressure drop diagram:

Applies to size 592 x 592 x 96



Application:

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

filter classes M5/M6/F7/F9 [EN 779:2012].

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

refer to tables

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 %



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] – ISO ePM₁₀ 70 %						
MP55L-1200/K0-L70	592	382	48	3,6	1.200	45
MP55L-1570/K0-L70	490	592	48	4,6	1.570	45
MP55L-1840/K0-L70	892	382	48	5,4	1.840	45
MP55L-1900/K0-L70	592	592	48	5,7	1.900	45
MP55L-2360/K0-L70	892	490	48	7,0	2.360	45
MP55L-475/K0-L70	287	287	48	1,3	475	45
MP55L-950/K0-L70	287	592	48	2,7	950	45
MP55S-3000/K0-L70	592	592	78	9,7	3.000	75
MP55S-1500/K0-L70	287	592	78	4,6	1.500	75
MP55J-1700/K0-L70	287	592	96	4,8	1.700	90
MP55J-2200/K0-L70	592	382	96	6,5	2.200	90
MP55J-2800/K0-L70	592	490	96	8,2	2.800	90
MP55J-3300/K0-L70	892	382	96	9,7	3.300	90
MP55J-3400/K0-L70	592	592	96	10,1	3.400	90
MP55J-4200/K0-L70	892	490	96	12,5	4.200	90
MP55J-850/K0-L70	287	287	96	2,3	850	90
MultiPlan II MP65						
<i>OLD filter class [EN 779:2012] – M6</i>						
NEW filter class [ISO 16890] – ISO ePM_{2,5} 55 %						
MP65L-1570/K0-M55	490	592	48	4,6	1.570	50
MP55L-1200/K0-M55	592	382	48	3,6	1.200	50
MP65L-1900/K0-M55	592	592	48	5,7	1.900	50
MP65L-2000/K0-M55	610	610	48	6,0	2.000	50
MP65L-475/K0-M55	287	287	48	1,3	475	50
MP65L-950/K0-M55	287	592	48	2,7	950	50
MP65S-3000/K0-M55	592	592	78	9,7	3.000	80
MP65S-1500/K0-M55	287	592	78	4,6	1.500	80
MP65J-1700/K0-M55	287	592	96	4,8	1.700	95
MP65J-1750/K0-M55	305	610	96	2,9	1.750	95
MP65J-2800/K0-M55	490	592	96	4,6	2.800	95
MP65J-3400/K0-M55	592	592	96	10,1	3.400	95
MP65J-3500/K0-M55	610	610	96	6,0	3.500	95
MP65J-850/K0-M55	287	287	96	1,3	850	95

Filter Elements

MultiPlan II (MP55, 65, 85, 95)

DELBAG® Air Filtration



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 MP68						
<i>OLD filter class [EN 779:2012] – F7</i>						
NEW filter class [ISO 16890] – ISO ePM₁ 50 %						
MP85L-1200/K0-F50	592	382	48	3,6	1.200	70
MP85L-1570/K0-F50	592	490	48	4,6	1.570	70
MP85L-1840/K0-F50	892	382	48	5,4	1.840	70
MP85L-1900/K0-F50	592	592	48	5,6	1.900	70
MP85L-2360/K0-F50	892	490	48	7,0	2.360	70
MP85L-475/K0-F50	287	287	48	1,3	475	70
MP85L-950/K0-F50	287	592	48	2,7	950	70
MP85J-1700/K0-F50	287	592	96	4,8	1.700	110
MP85J-2200/K0-F50	592	382	96	6,5	2.200	110
MP85J-2800/K0-F50	592	490	96	8,2	2.800	110
MP85J-3300/K0-F50	892	382	96	9,7	3.300	110
MP85J-3400/K0-F50	592	592	96	10,1	3.400	110
MP85J-4200/K0-F50	892	490	96	12,5	4.200	110
MP85J-850/K0-F50	287	287	96	2,3	850	110
MP85S-1500/K0-F50	287	592	78	4,6	1.500	120
MP85S-3000/K0-F50	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] – ISO ePM₁ 80 %						
MP95L-1000/K0-F80	305	610	48	6,0	1.000	120
MP95L-1570/K0-F80	490	592	48	4,6	1.570	120
MP95L-1900/K0-F80	592	592	48	5,7	1.900	120
MP95L-2000/K0-F80	610	610	48	1,3	850	120
MP95L-475/K0-F80	287	287	48	1,3	475	120
MP95L-950/K0-F80	287	592	48	2,7	950	120
MP95S-3000/K0-F80	592	592	78	9,7	3.000	150
MP95S-1500/K0-F80	287	592	78	4,6	1.500	150
MP95J-1700/K0-F80	287	592	96	4,8	1.700	190
MP95J-1750/K0-F80	305	610	96	5,2	1.750	190
MP95J-2800/K0-F80	490	592	96	8,2	2.800	190
MP95J-3400/K0-F80	592	592	96	10,1	3.400	190
MP95J-3500/K0-F80	610	610	96	10,7	3.500	190



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]	Filter class as of EN 779:2012	NEW filter class as of ISO 16890
MultiPlan II including head frame								
MP55SF-2400/K0-L70	592	592	78	6,0	2.400	105	M5	ISO ePM ₁₀ 70 %
MP55SF-1200/K0-L70	287	592	78	4,6	1.200	105		
MP55JF-3400/K0-L70	592	592	100	8,9	3.400	105		
MP55JF-1700/K0-L70	287	592	100	3,6	1.200	105		
MP65SF-1200/K0-M55	287	592	78	4,6	1.200	105	M6	ISO ePM _{2,5} 55%
MP65SF-2400/K0-M55	592	592	78	6,0	2.400	110		
MP65JF-3400/K0-M55	592	592	100	8,9	3.400	110		
MP85JF-1700/K0-F50	287	592	100	3,6	1.200	110	F7	ISO ePM ₁ 50 %
MP85SF-2400/K0-F50	592	592	78	6,0	2.400	110		
MP85SF-1200/K0-F50	287	592	78	4,6	1.200	110		
MP85JF-3400/K0-F50	592	592	100	8,9	3.400	125		
MP85JF-1700/K0-F50	287	592	100	3,0	1.200	125		
MP95SF-2400/K0-F80	592	592	78	6,0	2.400	125	F9	ISO ePM ₁ 80 %
MP95SF-1200/K0-F80	287	592	78	4,6	1.200	125		
MP95JF-3400/K0-F80	592	592	100	8,9	3.400	215		
MP95JF-1700/K0-F80	287	592	100	3,6	1.200	215		