

Filter Elements

MultiPlan III (Separator)

DELBAG® Air Filtration



MultiPlan III (separator)

Panel filter in aluminum separator design consists of pleated microglass fiber paper.

Application:

Supply and recirculating-air units for filtration of fine and superfine dust (filter classes ISO ePM_{2.5} 55 %, ISO ePM₁ 50 % and ISO ePM₁ 80 % as of ISO 16890) at turbulent air flow volumes.

Special features:

Special features: great air volume flow with small installation depth; temperature-resistant up to 250 °C, easy separation of a filter element from a frame by using brackets, satisfies stipulations pertaining to the absence of silicone.

Operating range:

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

Frame material
galvanized steel

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

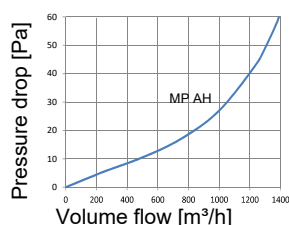
For the NEW filter class
as of ISO 16890
refer to table

Medium
Micro glass fiber paper
with aluminium separators

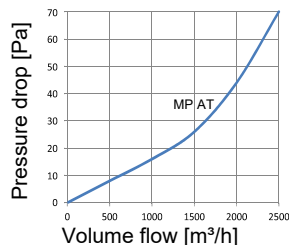
Gasket
PUR semicircular seal
others seals on request

Temperature
resistance
< 70 °C

Pressure drop curve
applies for size 592 x 592 x 150



Pressure drop curve
applies for size 592 x 592 x 292



Unit type code

Example:

M P 9 5 A G - 1 3 0 0 / V G 2 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 ePM₁ 50 % 95 ISO ePM₁ 80 %	AH installation depth 150 mm AT installation depth 292 mm AG installation depth 150 mm(head frame) AF installation depth 292 mm(head frame)					
Rated volume flow rate – refer to table „form of delivery/order number“ on the next page							
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							

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 III (separator)						
Filter medium: Micro glass fiber paper						
Gasket: polyurethane, foamed						
Sealing position: by default on the dust air side, on the clean air side available on request						
MultiPlan separator MP65						
OLD filter class [EN 779:2012] – M6						
NEW filter class [ISO 16890] – ISO ePM_{2,5} 55 %						
MP65AH-650/VG1-M55	305	610	150	3,8	650	30
MP65AH-1300/VG1-M55	610	610	150	7,8	1.300	30
MP65AT-1300/VG1-M55	305	610	292	7,7	1.300	50
MP65AT-2500/VG1-M55	610	610	292	15,8	2.500	45
MultiPlan separator MP85						
OLD filter class [EN 779:2012] – F7						
NEW filter class [ISO 16890] – ISO ePM₁ 50 %						
MP85AH-650/VG1-F50	305	610	150	3,8	650	50
MP85AH-1300/VG-F501	610	610	150	7,8	1.300	50
MP85AT-1300/VG1-F50	305	610	292	7,7	1.300	80
MP85AT-2500/VG1-F50	610	610	292	15,8	2.500	70
MultiPlan separator MP95						
OLD filter class [EN 779:2012] – F9						
NEW filter class [ISO 16890] – ISO ePM₁ 80 %						
MP95AH-650/VG1-F80	305	610	150	3,8	650	105
MP95AH-1300/VG01-F80	610	610	150	7,8	1.300	105
MP95AT-1300/VG1-F80	305	610	292	7,7	1.300	170
MP95AT-2500/VG1-F80	610	610	292	15,8	2.500	150
MultiPlan separator MP65 with head frame						
OLD filter class [EN 779:2012] – M6						
NEW filter class [ISO 16890] – ISO ePM_{2,5} 55 %						
MP65HF-650/VG1-M55	287	592	150	2,9	650	40
MP65HF-1300/VG1-M55	592	592	150	6,5	1.300	35
MP65TF-1300/VG1-M55	287	592	292	6,2	1.300	65
MP65TF-2500/VG1-M55	592	592	292	13,3	2.500	60
MultiPlan separator MP85 with head frame						
OLD filter class [EN 779:2012] – F7						
NEW filter class [ISO 16890] – ISO ePM₁ 50 %						
MP85HF-650/VG1-F50	287	592	150	2,9	650	65
MP85HF-1300/VG1-F50	592	592	150	6,5	1.300	60
MP85TF-1300/VG1-F50	287	592	292	6,2	1.300	115
MP85TF-2500/VG-F50	592	592	292	13,3	2.500	105
MultiPlan separator MP95 with head frame						
OLD filter class [EN 779:2012] – F9						
NEW filter class [ISO 16890] – ISO ePM₁ 80 %						
MP95HF-650/VG1-F80	287	592	150	2,9	650	135
MP95HF-1300/VG1-F80	592	592	150	6,5	1.300	125
MP95TF-1300/VG1-F80	287	592	292	6,2	1.300	240
MP95TF-2500/VG1-F80	592	592	292	13,3	2.500	220