

MULTIBAG-635

Synthetic Pocket Filter



MB7G25S08XX-0592-0592-635



APPLICATIONS

- In ventilation and air conditioning systems
- Fine filtering keeps airborne particles and aerosols
- Large filtration surface, high flow rate, low initial pressure drop
- Provides low operating costs

FILTER CODE STRUCTURE

Type	MB	MULTIBAG
Class EN 779-2012 Class ISO 16890	7	F7 ePM1
Frame	G	G: Galvanized P: Plastic (Black - 25 mm) T: SS 304 S: SS 316 V: One Piece Plastic (25 mm)
Header Thickness	25	25: 25 mm 20: 20 mm
Media	S	Synthetic
Pocket Number	08	8: 8 Pockets
Gasket Type	X	X: Without Gasket P: Polyurethane R: Rubber E: EPDM
Gasket Direction	X	X: No C: Air Outlet G: Air Inlet W: Both Sides
Size		0592-0592-635

Fire Resistance Class K1/F1 According to DIN53438

TECHNICAL SPECIFICATIONS

Class EN 779-2012	M6	F7	F8
Class ISO 16890	ePM10	ePM1	ePM1
Av. Efficiency EN 779-2012	80%	85%	90%
Av. Efficiency ISO 16890	65%	50%	65%
Max. Temperature	80°C		
Relative Humidity	100 %		
Rec. Final Pres. Drop	EN 779-2012	450 Pa.	
	ISO 16890	300 Pa.	
Filter Stage	II - III		

MULTIBAG-635 Series Technical Data

Code	Size W x L x D	Filter Class ISO 16890	Filter Class EN 779-2012	Number of Pockets	Depth mm	Area m ²	Air Flow m ³ /h	In.Pres. Drop (Pa)	Weight kg
MB6G25S03XX	0287-0592-635	ePM10>65%	M6	3	635	2,40	850	60	1,16
MB6G25S04XX	0287-0592-635	ePM10>65%	M6	4	635	3,20	1100	55	1,35
MB6G25S05XX	0490-0592-635	ePM10>65%	M6	5	635	4,00	1400	50	1,85
MB6G25S06XX	0490-0592-635	ePM10>65%	M6	6	635	4,80	1700	60	2,00
MB6G25S06XX	0592-0592-635	ePM10>65%	M6	6	635	4,80	1700	60	2,10
MB6G25S08XX	0592-0592-635	ePM10>65%	M6	8	635	6,40	2550	55	2,50
MB6G25S10XX	0592-0592-635	ePM10>65%	M6	10	635	8,00	3000	60	3,00

Code	Size W x L x D	Filter Class ISO 16890	Filter Class EN 779-2012	Number of Pockets	Depth mm	Area m ²	Air Flow m ³ /h	In.Pres. Drop (Pa)	Weight kg
MB7G25S03XX	0287-0592-635	ePM1>50%	F7	3	635	2,40	850	90	1,16
MB7G25S04XX	0287-0592-635	ePM1>50%	F7	4	635	3,20	1100	85	1,35
MB7G25S05XX	0490-0592-635	ePM1>50%	F7	5	635	4,00	1400	90	1,85
MB7G25S06XX	0490-0592-635	ePM1>50%	F7	6	635	4,80	1700	90	2,00
MB7G25S06XX	0592-0592-635	ePM1>50%	F7	6	635	4,80	1700	90	2,10
MB7G25S08XX	0592-0592-635	ePM1>50%	F7	8	635	6,40	2550	85	2,50
MB7G25S10XX	0592-0592-635	ePM1>50%	F7	10	635	8,00	3000	90	3,00

Code	Size W x L x D	Filter Class ISO 16890	Filter Class EN 779-2012	Number of Pockets	Depth mm	Area m ²	Air Flow m ³ /h	In.Pres. Drop (Pa)	Weight kg
MB8G25S03XX	0287-0592-635	ePM1>65%	F8	3	635	2,40	850	110	1,16
MB8G25S04XX	0287-0592-635	ePM1>65%	F8	4	635	3,20	1100	100	1,35
MB8G25S05XX	0490-0592-635	ePM1>65%	F8	5	635	4,00	1400	110	1,85
MB8G25S06XX	0490-0592-635	ePM1>65%	F8	6	635	4,80	1700	100	2,00
MB8G25S06XX	0592-0592-635	ePM1>65%	F8	6	635	4,80	1700	100	2,10
MB8G25S08XX	0592-0592-635	ePM1>65%	F8	8	635	6,40	2550	100	2,50
MB8G25S10XX	0592-0592-635	ePM1>65%	F8	10	635	8,00	3000	110	3,00

PANFIL-GSZ

PANFIL GSZ Series



PF4GS15Z2-0592-0592-048

APPLICATIONS

- Conditioning and ventilation systems
- Used as pre-filter or second-stage filter
- Low start pressure drop
- High dust holding capacity
- Reduced operating costs
- Provides long service interval

FILTER CODE STRUCTURE

Type	PF	PANFIL-GSZ	
Filter Class ASHRAE 52.2	4	G4 COARSE >60%	
Frame	G	P: Plastic A: Aluminum S: SS 316	G: Galvanized T: SS 304
Media	S15	S15: Fiber E18: Fetex	Y20: Blue POL S18: Rigid
Modelling	Z	L: Straight Z: Z-Line	
Face Guard	2	Both Side With Grids	
Size	0592-0592-048		

TECHNICAL SPECIFICATIONS

Class EN 779-2012	G3	G4	M5
Class ISO 16890-COARSE	>40%	>60%	ePM10
Av. Efficiency EN 779-2012	80%	90%	95%
Av. Efficiency ISO 16890	>40%	>60%	>50%
Max. Temperature	100°C		
Relative Humidity	80 %		
Rec. Final Pres. Drop	EN 779-2012	250 Pa.	
	ISO16890	200 Pa.	
Filter Stage	I - II		

PANFIL-GSZ Series Technical Data

Code	Size WxLxD	Filter Class ISO 16890	Filter Class EN 779-2012	Area m ²	Air Flow m ³ /h	In.Pressure D. Pa	Weight kg
PF3GS15Z2	0287-0287-048	COARSE>40%	G3	0,20	850	50	0,80
PF3GS15Z2	0287-0592-048	COARSE>40%	G3	0,30	1700	50	1,30
PF3GS15Z2	0490-0592-048	COARSE>40%	G3	0,50	2800	50	2,20
PF3GS15Z2	0592-0592-048	COARSE>40%	G3	0,60	3400	50	2,50

Code	Size WxLxD	Filter Class ISO 16890	Filter Class EN 779-2012	Area m ²	Air Flow m ³ /h	In.Pressure D. Pa	Weight kg
PF3GS15Z2	0287-0287-096	COARSE>40%	G3	0,40	1000	60	1,50
PF3GS15Z2	0287-0592-096	COARSE>40%	G3	0,60	2100	60	2,60
PF3GS15Z2	0490-0592-096	COARSE>40%	G3	1,00	3400	60	4,50
PF3GS12Z2	0592-0592-096	COARSE>40%	G3	1,20	4200	60	5,00

Code	Size WxLxD	Filter Class ISO 16890	Filter Class EN 779-2012	Area m ²	Air Flow m ³ /h	In.Pressure D. Pa	Weight kg
PF4GS15Z2	0287-0287-048	COARSE>60%	G4	0,20	850	80	0,80
PF4GS15Z2	0287-0592-048	COARSE>60%	G4	0,30	1700	80	1,30
PF4GS15Z2	0490-0592-048	COARSE>60%	G4	0,50	2800	80	2,20
PF4GS15Z2	0592-0592-048	COARSE>60%	G4	0,60	3400	80	2,50

Code	Size WxLxD	Filter Class ISO 16890	Filter Class EN 779-2012	Area m ²	Air Flow m ³ /h	In.Pressure D. Pa	Weight kg
PF4GS15Z2	0287-0287-096	COARSE>60%	G4	0,40	1000	90	1,50
PF4GS15Z2	0287-0592-096	COARSE>60%	G4	0,60	2100	90	2,60
PF4GS15Z2	0490-0592-096	COARSE>60%	G4	1,00	3400	90	4,50
PF4GS15Z2	0592-0592-096	COARSE>60%	G4	1,20	4200	90	5,00

Code	Size WxLxD	Filter Class ISO 16890	Filter Class EN 779-2012	Area m ²	Air Flow m ³ /h	In.Pressure D. Pa	Weight kg
PF5GS15Z2	0287-0287-048	ePM10>50%	M5	0,20	850	110	0,80
PF5GS15Z2	0287-0592-048	ePM10>50%	M5	0,30	1700	110	1,30
PF5GS15Z2	0490-0592-048	ePM10>50%	M5	0,50	2800	110	2,20
PF5GS15Z2	0592-0592-048	ePM10>50%	M5	0,60	3400	110	2,50

Code	Size WxLxD	Filter Class ISO 16890	Filter Class EN 779-2012	Area m ²	Air Flow m ³ /h	In.Pressure D. Pa	Weight kg
PF5GS15Z2	0287-0287-096	ePM10>50%	M5	0,40	1000	120	1,50
PF5GS15Z2	0287-0592-096	ePM10>50%	M5	0,60	2100	120	2,60
PF5GS15Z2	0490-0592-096	ePM10>50%	M5	1,00	3400	120	4,50
PF5GS15Z2	0592-0592-096	ePM10>50%	M5	1,20	4200	120	5,00

HEPAFIL-292

Turbulent Flow Absolute Filters



HF13MRLN1PG-0610-0610-292



HF13GRLN1PG-0610-0610-292

FILTER CODE STRUCTURE

Type	HF	HEPAFIL-292
Class EN 1822	B3	H13
Frame	M	M: Wooden A: Aluminum G: Galvanized T: SS 304 S: SS 316
Media	R	R: Micro Glass Fibre Y: High Heat (Max. 120 °C)
Pleat Depth	L	K: 48 mm M: 58 mm N: 75 mm L: 100 mm
Flange Type	N	N: Without T: 25 mm Single D: 25 mm Double V: 20 mm Single W: 20 mm Double B: Custom Size
Surface Grid	1	0: Without Grid 1: Face Grid Air Outlet 2: Both Side with Grid
Gasket Type	P	P: Polyurethane X: Without Gasket R: Rubber E: EPDM Y: High Heat
Gasket Direction	G	X: No C: Air Outlet G: Air Inlet W: Both Sides
Size		0610-0610-292

APPLICATIONS

- EPA-HEPA Filters absolute air filtration
- Clean room ventilation systems
- Used in microelectronics, food, photography, data centers, hospital, medical equipment industry

TECHNICAL SPECIFICATIONS

Class EN 1822	E10	E11	E12	H13	H14
Av. Efficiency EN 1822	≥85%	≥95%	≥99.5%	≥99.95 %	≥99.995 %
Max. Temperature	80°C (Optional 120°C)				
Relative Humidity	100 %				
Rec. Final Pres. Drop	600 Pa.				
Filter Stage	III - IV				

HEPAFIL-292-MRL Series Technical Data

Code	Size W x L x D	Filter Class EN 1822	Depth mm	Area m ²	Air Flow m ³ /h	In.Pressure Drop (pa)	Weight kg
HF10MRLN1PG	0305-0305-292	E10	292	4,50	875	250	5,50
HF10MRLN1PG	0305-0610-292	E10	292	9,00	1750	250	9,20
HF10MRLN1PG	0457-0457-292	E10	292	10,00	1950	250	10,50
HF10MRLN1PG	0457-0610-292	E10	292	13,50	2600	250	11,00
HF10MRLN1PG	0610-0610-292	E10	292	18,00	3500	250	12,00
HF10MRLN1PG	0610-0762-292	E10	292	22,50	4350	250	13,50
HF10MRLN1PG	0610-0915-292	E10	292	27,00	5250	250	17,50
Code	Size W x L x D	Filter Class EN 1822	Depth mm	Area m ²	Air Flow m ³ /h	In.Pressure Drop (pa)	Weight kg
HF11MRLN1PG	0305-0305-292	E11	292	4,50	775	250	5,50
HF11MRLN1PG	0305-0610-292	E11	292	9,00	1550	250	9,20
HF11MRLN1PG	0457-0457-292	E11	292	10,00	1750	250	10,50
HF11MRLN1PG	0457-0610-292	E11	292	13,50	2300	250	11,00
HF11MRLN1PG	0610-0610-292	E11	292	18,00	3100	250	12,00
HF11MRLN1PG	0610-0762-292	E11	292	22,50	3850	250	13,50
HF11MRLN1PG	0610-0915-292	E11	292	27,00	4650	250	17,50
Code	Size W x L x D	Filter Class EN 1822	Depth mm	Area m ²	Air Flow m ³ /h	In.Pressure Drop (pa)	Weight kg
HF12MRLN1PG	0305-0305-292	E12	292	4,50	525	250	5,50
HF12MRLN1PG	0305-0610-292	E12	292	9,00	1050	250	9,20
HF12MRLN1PG	0457-0457-292	E12	292	10,00	1150	250	10,50
HF12MRLN1PG	0457-0610-292	E12	292	13,50	1550	250	11,00
HF12MRLN1PG	0610-0610-292	E12	292	18,00	2100	250	12,00
HF12MRLN1PG	0610-0762-292	E12	292	22,50	2600	250	13,50
HF12MRLN1PG	0610-0915-292	E12	292	27,00	3150	250	17,50
Code	Size W x L x D	Filter Class EN 1822	Depth mm	Area m ²	Air Flow m ³ /h	In.Pressure Drop (pa)	Weight kg
HF13MRLN1PG	0305-0305-292	H13	292	4,50	450	250	5,50
HF13MRLN1PG	0305-0610-292	H13	292	9,00	900	250	9,20
HF13MRLN1PG	0457-0457-292	H13	292	10,00	1000	250	10,50
HF13MRLN1PG	0457-0610-292	H13	292	13,50	1300	250	11,00
HF13MRLN1PG	0610-0610-292	H13	292	18,00	1800	250	12,00
HF13MRLN1PG	0610-0762-292	H13	292	22,50	2200	250	13,50
HF13MRLN1PG	0610-0915-292	H13	292	27,00	2700	250	17,50
Code	Size W x L x D	Filter Class EN 1822	Depth mm	Area m ²	Air Flow m ³ /h	In.Pressure Drop (pa)	Weight kg
HF14MRLN1PG	0305-0305-292	H14	292	4,50	400	250	5,50
HF14MRLN1PG	0305-0610-292	H14	292	9,00	800	250	9,20
HF14MRLN1PG	0457-0457-292	H14	292	10,00	900	250	10,50
HF14MRLN1PG	0457-0610-292	H14	292	13,50	1100	250	11,00
HF14MRLN1PG	0610-0610-292	H14	292	18,00	1600	250	12,00
HF14MRLN1PG	0610-0762-292	H14	292	22,50	2000	250	13,50
HF14MRLN1PG	0610-0915-292	H14	292	27,00	2400	250	17,50

HEPALAM-78-ARM

Laminar Flow Absolute Filters



HL11ARM2PG-0610-0610-078

FILTER CODE STRUCTURE

Type	HL	HEPALAM-78
Class EN 1822	11	E11
Frame	A	A: Aluminum
Media	R	R: Micro Glass Fibre Y: High Heat (Max. 120 °C)
Pleat Depth	M	K: 48 mm M: 58 mm
Surface Grid	2	0: Without Grid 1: Face Grid Air Outlet 2: Both Side with Grid
Gasket Type	P	X: Without Gasket P: Polyurethane R: Rubber E: EPDM Y: High Heat
Gasket Direction	G	X: No C: Air Outlet G: Air Inlet W: Both Side
Size		0610-0610-078

APPLICATIONS

- To be used for absolute air filtration in controlled contamination environments clean rooms, LAF benches and operating rooms

TECHNICAL SPECIFICATIONS

Class EN 1822	E10	E11	E12
Av. Efficiency EN 1822	≥85 %	≥95 %	≥99,5%
Max. Temperature	80°C (Optional 120 °C)		
Relative Humidity	100 %		
Rec. Final Pres. Drop	600 Pa.		
Filter Stage	III - IV		

HEPALAM-78-ARM Series Technical Data

Code	Size W x L x D	Filter Class EN1822	Depth mm	Area m ²	Air Flow m ³ /h	In.Pressure Drop (pa)	Weight kg
HL10ARM2PG	0305-0305-078	E10	78	2,80	150	60	1,85
HL10ARM2PG	0305-0610-078	E10	78	5,50	300	60	3,50
HL10ARM2PG	0457-0457-078	E10	78	6,00	350	60	4,25
HL10ARM2PG	0457-0610-078	E10	78	8,00	450	60	6,50
HL10ARM2PG	0610-0610-078	E10	78	10,50	600	60	6,80
HL10ARM2PG	0610-0762-078	E10	78	13,00	750	60	8,50
HL10ARM2PG	0610-0915-078	E10	78	15,50	900	60	10,00
HL10ARM2PG	0610-1220-078	E10	78	21,00	1200	60	12,50

Code	Size W x L x D	Filter Class EN1822	Depth mm	Area m ²	Air Flow m ³ /h	In.Pressure Drop (pa)	Weight kg
HL11ARM2PG	0305-0305-078	E11	78	2,80	150	70	1,85
HL11ARM2PG	0305-0610-078	E11	78	5,50	300	70	3,50
HL11ARM2PG	0457-0457-078	E11	78	6,00	350	70	4,25
HL11ARM2PG	0457-0610-078	E11	78	8,00	450	70	6,50
HL11ARM2PG	0610-0610-078	E11	78	10,50	600	70	6,80
HL11ARM2PG	0610-0762-078	E11	78	13,00	750	70	8,50
HL11ARM2PG	0610-0915-078	E11	78	15,50	900	70	10,00
HL11ARM2PG	0610-1220-078	E11	78	21,00	1200	70	12,50

Code	Size W x L x D	Filter Class EN1822	Depth mm	Area m ²	Air Flow m ³ /h	In.Pressure Drop (pa)	Weight kg
HL12ARM2PG	0305-0305-078	E12	78	2,80	150	100	1,85
HL12ARM2PG	0305-0610-078	E12	78	5,50	300	100	3,50
HL12ARM2PG	0457-0457-078	E12	78	6,00	350	100	4,25
HL12ARM2PG	0457-0610-078	E12	78	8,00	450	100	6,50
HL12ARM2PG	0610-0610-078	E12	78	10,50	600	100	6,80
HL12ARM2PG	0610-0762-078	E12	78	13,00	750	100	8,50
HL12ARM2PG	0610-0915-078	E12	78	15,50	900	100	10,00
HL12ARM2PG	0610-1220-078	E12	78	21,00	1200	100	12,50

HEPALAM-78-ARM

Laminar Flow Absolute Filters



HL13ARM2PG-0610-0610-078

FILTER CODE STRUCTURE

Type	HL	HEPALAM-78
Class EN1822	H13	H13
Frame	A	A: Aluminum
Media	R	R: Micro Glass Fibre Y: High Heat (Max. 120 °C)
Pleat Depth	M	K: 48 mm M: 58 mm
Surface Grid	2	0: Without Grid 1: Face Grid Air Outlet 2: Both Side with Grid
Gasket Type	P	X: Without Gasket P: Polyurethane R: Rubber E: EPDM Y: High Heat
Gasket Direction	G	X: No C: Air Outlet G: Air Inlet W: Both Side
Size		0610-0610-078

APPLICATIONS

- To be used for absolute air filtration in controlled contamination environments clean rooms, LAF benches and operating rooms

TECHNICAL SPECIFICATIONS

Class EN1822	H13	H14	U15
Av. Efficiency EN1822	≥99.95 %	≥99.995 %	≥99.9995 %
Max. Temperature	80°C (Optional 120 °C)		
Relative Humidity	100 %		
Rec. Final Pres. Drop	600 Pa.		
Filter Stage	III - IV		

HEPALAM-78-ARM Series Technical Data

Code	Size W x L x D	Filter Class EN 1822	Depth mm	Area m ²	Air Flow m ³ /h	In.Pressure Drop (pa)	Weight kg
HL13ARM2PG	0305-0305-078	H13	78	2,80	150	110	1,85
HL13ARM2PG	0305-0610-078	H13	78	5,50	300	110	3,50
HL13ARM2PG	0457-0457-078	H13	78	6,00	350	110	4,25
HL13ARM2PG	0457-0610-078	H13	78	8,00	450	110	6,50
HL13ARM2PG	0610-0610-078	H13	78	10,50	600	110	6,80
HL13ARM2PG	0610-0762-078	H13	78	13,00	750	110	8,50
HL13ARM2PG	0610-0915-078	H13	78	15,50	900	110	10,00
HL13ARM2PG	0610-1220-078	H13	78	21,00	1200	110	12,50

Code	Size W x L x D	Filter Class EN 1822	Depth mm	Area m ²	Air Flow m ³ /h	In.Pressure Drop (pa)	Weight kg
HL14ARM2PG	0305-0305-078	H14	78	2,80	150	125	1,85
HL14ARM2PG	0305-0610-078	H14	78	5,50	300	125	3,50
HL14ARM2PG	0457-0457-078	H14	78	6,00	350	125	4,25
HL14ARM2PG	0457-0610-078	H14	78	8,00	450	125	6,50
HL14ARM2PG	0610-0610-078	H14	78	10,50	600	125	6,80
HL14ARM2PG	0610-0762-078	H14	78	13,00	750	125	8,50
HL14ARM2PG	0610-0915-078	H14	78	15,50	900	125	10,00
HL14ARM2PG	0610-1220-078	H14	78	21,00	1200	125	12,50

Code	Size W x L x D	Filter Class EN 1822	Depth mm	Area m ²	Air Flow m ³ /h	In.Pressure Drop (pa)	Weight kg
HL15ARM2PG	0305-0305-078	U15	78	2,80	150	140	1,85
HL15ARM2PG	0305-0610-078	U15	78	5,50	300	140	3,50
HL15ARM2PG	0457-0457-078	U15	78	6,00	350	140	4,25
HL15ARM2PG	0457-0610-078	U15	78	8,00	450	140	6,50
HL15ARM2PG	0610-0610-078	U15	78	10,50	600	140	6,80
HL15ARM2PG	0610-0762-078	U15	78	13,00	750	140	8,50
HL15ARM2PG	0610-0915-078	U15	78	15,50	900	140	10,00
HL15ARM2PG	0610-1220-078	U15	78	21,00	1200	140	12,50

HEPA-V

High Capacity V-Type Hepa Filters



HV13GR4ONOPG-0610-0610-292

FILTER CODE STRUCTURE

Type	HV	HEPA-V
Class EN 1822	B	H13
Frame	G	A: Aluminum M: Wooden G: Galvanized T: SS 304 S: SS 316
Media	R	R: Micro Glass Fibre Y: High Heat (Max. 120 °C)
Media Area	40	40: 40 m ² 36: 36 m ²
Filter Flange	N	N: Without T: 25 mm Single D: 25 mm Double V: 20 mm Single W: 20 mm Double B: Custom Size
Surface Grid	0	0: Without Grid 1: Face Grid Air Outlet 2: Both Side with Grids
Gasket Type	P	P: Polyurethane X: Without Gasket R: Rubber E: EPDM Y: High Heat
Gasket Direction	G	X: No C: Air Outlet G: Air Inlet W: Both Sides
Size		0610-0610-292

APPLICATIONS

- EPA-HEPA Filters absolute air filtration
- Clean room ventilation systems
- Used in microelectronics, food, photography, data centers, hospital, medical equipment industry

Optional 120 °C version

TECHNICAL SPECIFICATIONS

Class EN1822	E10	E11	E12	H13	H14
Av. Efficiency EN1822	≥85%	≥95%	≥99.5%	≥99.95 %	≥99.995 %
Max. Temperature	80°C (Optional 120°C)				
Relative Humidity	100 %				
Rec. Final Pres. Drop	600 Pa.				
Filter Stage	III - IV				

HEPA-V Series Technical Data

Code	Size W x L x D	Filter Class EN 1822	Depth mm	Area m ²	Air Flow m ³ /h	In.Pressure Drop (pa)	Weight kg
HV10GR10N0PG	0305-0305-292	E10	292	10,00	1350	250	7,00
HV10GR20N0PG	0305-0610-292	E10	292	20,00	2700	250	11,00
HV10GR30N0PG	0457-0610-292	E10	292	30,00	4100	250	16,00
HV10GR40N0PG	0610-0610-292	E10	292	40,00	5400	250	20,00

Code	Size W x L x D	Filter Class EN 1822	Depth mm	Area m ²	Air Flow m ³ /h	In.Pressure Drop (pa)	Weight kg
HV11GR10N0PG	0305-0305-292	E11	292	10,00	1250	250	7,00
HV11GR20N0PG	0305-0610-292	E11	292	20,00	2500	250	11,00
HV11GR30N0PG	0457-0610-292	E11	292	30,00	3750	250	16,00
HV11GR40N0PG	0610-0610-292	E11	292	40,00	5000	250	20,00

Code	Size W x L x D	Filter Class EN 1822	Depth mm	Area m ²	Air Flow m ³ /h	In.Pressure Drop (pa)	Weight kg
HV12GR10N0PG	0305-0305-292	E12	292	10,00	1000	250	7,00
HV12GR20N0PG	0305-0610-292	E12	292	20,00	2000	250	11,00
HV12GR30N0PG	0457-0610-292	E12	292	30,00	3000	250	16,00
HV12GR40N0PG	0610-0610-292	E12	292	40,00	4000	250	20,00

Code	Size W x L x D	Filter Class EN 1822	Depth mm	Area m ²	Air Flow m ³ /h	In.Pressure Drop (pa)	Weight kg
HV13GR10N0PG	0305-0305-292	H13	292	10,00	1000	270	7,00
HV13GR20N0PG	0305-0610-292	H13	292	20,00	2000	270	11,00
HV13GR30N0PG	0457-0610-292	H13	292	30,00	3000	270	16,00
HV13GR40N0PG	0610-0610-292	H13	292	40,00	4000	270	20,00

Code	Size W x L x D	Filter Class EN 1822	Depth mm	Area m ²	Air Flow m ³ /h	In.Pressure Drop (pa)	Weight kg
HV14GR10N0PG	0305-0305-292	H14	292	10,00	850	280	7,00
HV14GR20N0PG	0305-0610-292	H14	292	20,00	1700	280	11,00
HV14GR30N0PG	0457-0610-292	H14	292	30,00	2550	280	16,00
HV14GR40N0PG	0610-0610-292	H14	292	40,00	3400	280	20,00

MINIPAN-48-GRK & MINIPAN-96-GRL Series

Mini Pleated Compact Filters



MN7GRLOXX-0592-0592-96



APPLICATIONS

- For high efficiency air filtration
- Reduced dimensions and high flow filter units
- Rigid structure provides excellent precision filtration

OPTIONS

- Optional protection grid & gasket
- Optional all dimensions frame thickness

FILTER CODE STRUCTURE

Type	MN	MINIPAN
Class EN 779-2012 Class ISO 16890	7	F7 ePM1
Frame	G	G: Galvanized A: Aluminum K: Cardboard T: SS 304
Media	R	R: Micro Glass Fibre Y: High Heat S: Synthetic
Pleat Depth	L	K: 42 mm L: 90 mm
Surface Grid	O	0: Without Grid 1: Clean Side Grid 2: Double Side Grid
Gasket Type	X	X: Without Gasket P: Polyurethane R: Rubber E: EPDM
Gasket Direction	X	X: No C: Air Outlet G: Air Inlet W: Both Side
Size	0592-0592-96	

TECHNICAL SPECIFICATIONS

Class	M6	F7	F8	F9
EN 779-2012				
Class ISO 16890	ePM10	ePM1	ePM1	ePM1
Av. Efficiency EN 779-2012	80%	85%	90%	95%
Av. Efficiency ISO 16890	65%	50%	65%	80%
Max. Temperature	80°C			
Relative Humidity	100 %			
Rec. Final Pres. Drop	EN 779-2012		450 Pa.	
	ISO 16890		300 Pa.	
Filter Stage	II - III			

MINIPAN-48-GRK & MINIPAN-96-GRL Series Technical Data

Code	Size W x L x D	Filter Class ISO 16890	Filter Class EN 779-2012	Depth mm	Area m ²	Air Flow m ³ /h	In.Pressure Drop (pa)	Weight kg
MN6GRK0XX	0287-0592-048	ePM10>65%	M6	48	2,85	1000	80	2,00
MN6GRK0XX	0492-0592-048	ePM10>65%	M6	48	5,00	1600	80	3,50
MN6GRK0XX	0592-0592-048	ePM10>65%	M6	48	6,00	2000	80	4,00

Code	Size W x L x D	Filter Class ISO 16890	Filter Class EN 779-2012	Depth mm	Area m ²	Air Flow m ³ /h	In.Pressure Drop (pa)	Weight kg
MN7GRK0XX	0287-0592-048	ePM1>50%	F7	48	2,85	1000	100	2,00
MN7GRK0XX	0492-0592-048	ePM1>50%	F7	48	5,00	1600	100	3,50
MN7GRK0XX	0592-0592-048	ePM1>50%	F7	48	6,00	2000	100	4,00

Code	Size W x L x D	Filter Class ISO 16890	Filter Class EN 779-2012	Depth mm	Area m ²	Air Flow m ³ /h	In.Pressure Drop (pa)	Weight kg
MN8GRK0XX	0287-0592-048	ePM1>65%	F8	48	2,85	1000	120	2,00
MN8GRK0XX	0492-0592-048	ePM1>65%	F8	48	5,00	1600	120	3,50
MN8GRK0XX	0592-0592-048	ePM1>65%	F8	48	6,00	2000	120	4,00

Code	Size W x L x D	Filter Class ISO 16890	Filter Class EN 779-2012	Depth mm	Area m ²	Air Flow m ³ /h	In.Pressure Drop (pa)	Weight kg
MN9GRK0XX	0287-0592-048	ePM1>80%	F9	48	2,85	1000	150	2,00
MN9GRK0XX	0492-0592-048	ePM1>80%	F9	48	5,00	1600	150	3,50
MN9GRK0XX	0592-0592-048	ePM1>80%	F9	48	6,00	2000	150	4,00

Code	Size W x L x D	Filter Class ISO 16890	Filter Class EN 779-2012	Depth mm	Area m ²	Air Flow m ³ /h	In.Pressure Drop (pa)	Weight kg
MN6GRL0XX	0287-0592-096	ePM10>65%	M6	96	5,50	1450	80	2,50
MN6GRL0XX	0492-0592-096	ePM10>65%	M6	96	9,00	2400	80	4,30
MN6GRL0XX	0592-0592-096	ePM10>65%	M6	96	11,00	2900	80	6,65

Code	Size W x L x D	Filter Class ISO 16890	Filter Class EN 779-2012	Depth mm	Area m ²	Air Flow m ³ /h	In.Pressure Drop (pa)	Weight kg
MN7GRL0XX	0287-0592-096	ePM1>50%	F7	96	5,50	1450	90	2,50
MN7GRL0XX	0492-0592-096	ePM1>50%	F7	96	9,00	2400	90	4,30
MN7GRL0XX	0592-0592-096	ePM1>50%	F7	96	11,00	2900	90	6,65

Code	Size W x L x D	Filter Class ISO 16890	Filter Class EN 779-2012	Depth mm	Area m ²	Air Flow m ³ /h	In.Pressure Drop (pa)	Weight kg
MN8GRL0XX	0287-0592-096	ePM1>65%	F8	96	5,50	1450	105	2,50
MN8GRL0XX	0492-0592-096	ePM1>65%	F8	96	9,00	2400	105	4,30
MN8GRL0XX	0592-0592-096	ePM1>65%	F8	96	11,00	2900	105	6,65

Code	Size W x L x D	Filter Class ISO 16890	Filter Class EN 779-2012	Depth mm	Area m ²	Air Flow m ³ /h	In.Pressure Drop (pa)	Weight kg
MN9GRL0XX	0287-0592-096	ePM1>80%	F9	96	5,50	1450	150	2,50
MN9GRL0XX	0492-0592-096	ePM1>80%	F9	96	9,00	2400	150	4,30
MN9GRL0XX	0592-0592-096	ePM1>80%	F9	96	11,00	2900	150	6,65