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PRODUCT CATALOGUE



TESTED, CERTIFIED & QUALIFIED

PRODUCTS FOR BETTER AIR QUALITY



**TESTED
CERTIFIED
QUALIFIED
PRODUCTS**

**FOR BETTER
AIR QUALITY**



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OUR COMPANY



ABOUT US

MGT Filter was founded in 1992 in Istanbul.

We started to this journey to meet World's and Turkey needs based on the necessity of Filtration of atmospheric pollutants.

Our aim on our production and service to develop our quality efficiency and sustainability to be inside of principle of quality to sustainable efficiency.

We continue to do our best in our customer-focused activities that can produce solutions with all our stakeholders and employees and always conscious of keeping customer satisfaction at the highest level with our knowledge and experience gained over a quarter of a Century.

Our filters are used in clean rooms, hospitals and laboratories, power plants, HVAC systems in many industrial areas as worldwide thanks to our export intensity to more than 70 countries on 5 continents. Believing in importance of our Filters and Filtration Systems will prevent Global warming and Climate change with the way of effective and proper use.

Maintain our business with the principle to leave "a cleaner world" for tomorrow.



INTRODUCTION TO AIR FILTRATION



THE term 'air filtration' refers to all applications in which contaminants are removed from an air flow. Having a filtering system, and therefore obtaining cleaner air, is useful for more than just comfort in homes, offices and hotels; there are other reasons for filtering the air. Technology increasingly requires rooms or work areas free of dust, smoke and odours, making it necessary to filter air in numerous industrial activities.

Pure air is essential in operating theatres, pharmaceutical laboratories, cleanrooms for electronics, data processing centers, museums, libraries, food industries and public facilities.

PRINCIPAL FEATURES

Before selecting a filter, it is important to analyse the following points: efficiency, dust accumulation capacity, pressure drop, test methods

Efficiency: This is the most important factor when selecting an air filter: measurement of the quantity of contaminant that the filter manages to remove from the air flow. It is expressed as a percentage and determined using various testing methods, described below.

Pressure Drop: This is the resistance the filter offers to the air flow, measured in water column millimetres or pascals (Pa). The value varies from filter to filter, depending on the efficiency.

Dust Accumulation Capacity: This characteristic indicates how much dust a filter can collect in the course of its lifetime, before it must be replaced. It is another important factor in evaluating a filter.

TEST METHODS

The following test methods may be used to determine the efficiency of various stages in filtering.

Gravimetric Method [sec. AFI, ASHRE 52/76].

A known quantity of synthetic dust is injected into the air flow passing through the filter to be tested. Downstream of the filter being tested is an absolute filter. The increase in the absolute filter's weight indicates the quantity of dust that has passed through the test filter, which may be subtracted to calculate the quantity of dust stopped.

D.O.P (DESH, DOS) optic method: A number of aerosols containing particles of uniform diameter measuring 0.30 microns are used as an air flow. The difference in the concentrations of these aerosols upstream and downstream of the filter to be tested, measured by a photometer, determines efficiency.

Colorimetric, Atmospheric method [sec. AFI-DUST SPOT, ASHRE 52/76]: A colorimeter is used to analyse the colouring of two filter paper probes placed in a flow of atmospheric air, one downstream of it. Efficiency is calculated on the basis of the ratio between the volumes of air required to obtain the same colour in the two probes.

Sodium Flame (Na Cl) optic method: Dehydration of a 2% sodium chloride solution in water provides the test aerosol. Unlike in the D.O.P. method, the size of the particles is not uniform, but varies from 0.1 to 1.7 microns. Efficiency is determined by using a photometer to measure the difference in the intensity of the colour of the hydrogen flame in contact with the aerosol upstream and downstream of the test filter.

CURRENT CLASSIFICATIONS

The test methods listed above and applicable international standards have been adopted by the European organisations EUROVENT, which have established the following classifications for standardisation:

EN 779-2012 - 2012 classifies filters into two groups on the basis of efficiency: Grade G (efficiency <20%). Grade M&F (efficiency from 40% to 98 %)

AIR FILTERS INTERNATIONAL CLASSIFICATION STANDARDS

Group	Designation	European Filter Class	MERV Rating	Recommended Final Pressure Drop (Pa)	Average Arrestance (Am) of Synthetic dust [%]	Average Efficiency (Em) of 0,4µ Particles [%]	Minimum Efficiency for 0,4µ Particles [%]	NEW STANDARD ISO 16890		
		EN 779-2012	ASHRAE 52.2	EN 779-2012	EN 779-2012	EN 779-2012	EN 779-2012	ISO ePM1	ISO ePM2,5	ISO ePM10 ISO COARSE
COARSE	G	G1	MERV 1	250	50 ≤ Am < 65	-	-	-	-	-
		G2	MERV 2-4	250	65 ≤ Am < 80	-	-	-	-	>30 %
		G3	MERV 5-6	250	80 ≤ Am < 90	-	-	-	-	>40 %
		G4	MERV 7-8	250	90 ≤ Am	-	-	-	-	>60 %
MEDIUM	M	M5	MERV 9-10	450	-	40 ≤ Em < 60	-	-	-	>50 %
		M6	MERV 11-12	450	-	60 ≤ Em < 80	-	-	50-65 %	>60 %
FINE	F	F7	MERV 13	450	-	80 ≤ Em < 90	35	50-65 %	65-80 %	>85 %
		F8	MERV 14	450	-	90 ≤ Em < 95	55	65-80 %	>80 %	>90 %
		F9	MERV 15	450	-	95 ≤ Em	70	>80 %	>95 %	>95 %

Group	EN 1822							Integral Value of Efficiency in the MPPS in %	Integral Value of Penetration in the MPPS in %	Local Value of Efficiency in the MPPS in %	Local Value of Penetration in the MPPS in %	Local Value of Efficiency in the MPPS in %
Suspended	E	E10	MERV 16	600				≥ 85	≥ 15	-	-	-
		E11	NA	600				≥ 95	≥ 5	-	-	-
		E12	NA	600				≥ 99.5	≥ 0.5	-	-	-
	H	H13	NA	600				≥ 99.95	≥ 0.05	≥ 99.75	≥ 0.25	≥ 99.75
		H14	NA	600				≥ 99.995	≥ 0.005	≥ 99.975	≥ 0.025	≥ 99.975
	U	U15	NA	600				≥ 99.9995	≥ 0.0005	≥ 99.9975	≥ 0.0025	≥ 99.9975
		U16	NA	600				≥ 99.99995	≥ 0.00005	≥ 99.99975	≥ 0.00025	≥ 99.99975
		U17	NA	600				≥ 99.999995	≥ 0.000005	≥ 99.9999	≥ 0.0001	≥ 99.9999

TEST UNITS & CERTIFICATES



Kiwa
Certificate

Eurovent
Certificate



INTEGRATED QUALITY MANAGEMENT POLICY

OUR PHILOSOPHY

MGT Filter, an international brand, is committed to being a leader in capturing universal standards by adhering to the principle of preserving excellence in detail.

MGT Filter Family uses high quality raw materials in a systematic structure with high quality human power by using quality new technology together with quality managers; to serve 5 continental countries using contemporary marketing techniques.

OUR VISION

As a highly regarded, highly active and customer focused brand, the quality of our country is to represent our country in production, sales and marketing, primarily in the national and international filter sector. With the strength of its international success, it aims to maximize its filter by consolidating its market place from day to day.

The national and international laws have adopted the principle of working with zero accidents on occupational health and safety, using energy efficiently, protecting the environment balance and natural resources by carrying out the necessary studies and investments in environmental and work safety issues by adhering to the standards in the regulations.

OUR MISSION

Established to meet the world's filter needs, MGT is to become a leading filter manufacturer by providing innovative solutions to its customers by following global developments in filter technology and ensuring sustainability through human and environmentally friendly production. MGT is the best representation of our country in the world as a brand. By protecting the consumers from the effects of the global developments in the world, we have made the mission of introducing the country by offering them the highest quality products and services.

PRE FILTERS

AIR FILTRATION
& AIR QUALITY



AIR FILTERS

INTERNATIONAL CLASSIFICATION

COARSE EN 779-2012 & ISO 16890

Group	Designation	European Filter Class	MERV Rating	Recomended Final Pressure Drop (Pa)	Average Arrestance (Am) of Synthetic dust (%)	NEW STANDARD ISO 16890
		EN 779-2012	ASHRAE 52.2	EN 779-2012	EN 779-2012	ISO COARSE (%)
COARSE	G	G1	MERV 1	250	$50 \leq A_m < 65$	-
		G2	MERV 2-4	250	$65 \leq A_m < 80$	>30%
		G3	MERV 5-6	250	$80 \leq A_m < 90$	>40%
		G4	MERV 7-8	250	$90 \leq A_m$	>60%

SYNTHETIC ROLL FILTERS

GLASS FIBER ROLL FILTERS

PANMET METAL FILTERS

PANFIL DISPOSABLE PLEATED

PANFIL PLEATED METAL FRAME

PREBAG POCKET FILTERS

ROLL FILTERS

Synthetic Roll Filters



DESCRIPTION

Randomly arranged fine synthetic fibers with increasing density in direction to clean air side standard air intake side green/clean air side white.

APPLICATIONS

The primary filter ventilation and air conditioning systems.

TECHNICAL SPECIFICATIONS

Class EN 779-2012	G3	G4
Class ISO 16890-COARSE	>80	>90
Av. Efficiency EN 779-2012	80%	90%
Av. Efficiency ISO 16890	>40%	>60%
Max. Temperature	90°C	
Relative Humidity	100 %	
Advisable Cross Speed	1,5 m/sn	
Rec. Final Pres. Drop	EN 779-2012	250 Pa.
	ISO 16890	200 Pa.
Flame Resistance	F1 DIN 53438	
Filter Stage	I	

Filter Code	Filter Class EN 779-2012	Average Efficiency EN 779-2012	Filter Class ISO 16890	Weight gr / m ²	Thickness mm	Initial P.D. Pa.	Final P.D. Pa.	Dust Holding Capacity gr/m ²
T150	G3	80%	ISO COARSE 40%	150	8-10	25	200 - 250	350
T200	G3	85%	ISO COARSE 40%	200	15-18	30	200 - 250	400
M270	G4	90%	ISO COARSE 60%	270	18-20	35	200 - 250	450
T350	G4	95%	ISO COARSE 60%	350	20-22	40	200 - 250	480

ROLL FILTERS

Synthetic Roll Filters



DESCRIPTION

- Termobonded non-woven, made from 100% synthetic fiber
- Graded structured
- Waxed and air outlet direction PVC mesh

APPLICATIONS

Wet particulate arrestance in fine-filtration, varnishing and paint spray applications.

TECHNICAL SPECIFICATIONS

Class EN 779-2012	M5
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Class ISO 16890-COARSE	ePM10
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Av. Efficiency EN 779-2012	60%
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Av. Efficiency ISO 16890	ePM10>50%
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Max. Temperature	90°C
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Relative Humidity	100 %
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Advisable Cross Speed	0,25 m/sn
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Rec. Final Pres. Drop	EN 779-2012	450 Pa.
	ISO 16890	300 Pa.

Flame Resistance	F1 DIN 53438
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Filter Stage	II
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Filter Code	Filter Class EN 779-2012	Average Arrestance EN 779-2012	Filter Class ISO 16890	Weight gr / m ²	Thickness mm	Initial P.D. Pa.	Final P.D. Pa.	Dust Holding Capacity gr/m ²
PE375	M5	60%	ePM10>50%	375	20-22	25	300 - 450	234
PS600	M5	60%	ePM10>50%	600	20-25	30	300 - 450	326

ROLL FILTERS

Glass Fiber Roll Filters



DESCRIPTION

Randomly arranged fine glass fibers with increasing density in direction to clean air side standard air intake side green/ clean air side white.

APPLICATIONS

Wet particulate arrestance in pre-filtration, varnishing and paint spray applications.

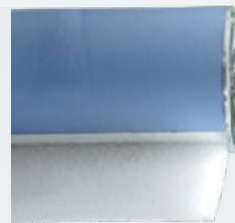
TECHNICAL SPECIFICATIONS

Class EN 779-2012	G3	G4
Class ISO 16890-COARSE	>40%	>60%
Av. Efficiency EN 779-2012	80%	90%
Av. Efficiency ISO 16890	>40%	>60%
Max. Temperature	120°C	
Relative Humidity	100 %	
Advisable Cross Speed	1,5 m/sn	
Rec. Final Pres. Drop	EN 779-2012	250 Pa.
	ISO 16890	200 Pa.
Flame Resistance	F1 DIN 53438	
Filter Stage	I	

Filter Code	Filter Class EN 779-2012	Average Arrestance EN 779-2012	Filter Class ISO 16890	Weight gr / m ²	Thickness mm	Initial P.D. Pa.	Final P.D. Pa.	Dust Holding Capacity gr/m ²
FA180	G3	80%	ISO COARSE 40%	180	30-40	25	250	350
FA250	G3	90%	ISO COARSE 40%	250	50-60	30	250	400
FA360	G4	90%	ISO COARSE 60%	360	90-100	35	250	450

ROLL-MATIC FILTERS

Glass Fiber Roll Filters



SPARE GLASS FIBER ROLL FILTERS FOR ROLL-MATIC

DESCRIPTION

Automatic roll filters are made of elastic glass fiber material of progressive construction. This means that the fibers are increasing in density in direction to the clean on side "when the roller reaches the pollution pressure, used by opening clean side used by opening clean side"

APPLICATIONS

Used as prefilter in industrial production areas. It reduces operating costs and provides high efficiency.

TECHNICAL SPECIFICATIONS

Class EN 779-2012	G3
Class ISO 16890-COARSE	>40%
Av. Efficiency EN 779-2012	80%
Av. Efficiency ISO 16890	>40%
Max. Temperature	120°C
Relative Humidity	100 %
Advisable Cross Speed	1,5 m/sn
Rec. Final Pres. Drop	EN 779-2012 250 Pa.
	ISO 16890 200 Pa.
Flame Resistance	F1 DIN 53438
Filter Stage	I
Roll Size	536-836-1141-1446- 1751-1950-2010-2056 mm

Filter Code	Filter Class EN 779-2012	Average Efficiency EN 779-2012	Filter Class ISO 16890	Weight gr/m ²	Thickness mm	Initial P.D. Pa.	Final P.D. Pa.	Dust Holding Capacity gr/m ²
ROLLFILTER- 4INC-1160	G3	85%	ISO COARSE 40%	290	60	48	200-250	350

ROLL-MATIC FILTERS

Synthetic Fiber Roll Filters



DESCRIPTION

Automatic roll filters are made of elastic synthetic filter media reinforced a mesh support. This filter medium has a progressive structure, which means that the density of fibers is increasing towards the clean air side. This progressive structure ensures a high dust holding capacity and guaranteed efficiency.

APPLICATIONS

Used as prefilter in industrial production areas. It reduces operating costs and provides high efficiency.

ADVANTAGES

High dust holding capacity. High performance with low pressure drop. Strong against high bursting pressure.

TECHNICAL SPECIFICATIONS

Class EN 779-2012	G3
Class ISO 16890-COARSE	>40%
Av. Efficiency EN 779-2012	80%
Av. Efficiency ISO 16890	>40%
Max. Temperature	90°C
Relative Humidity	100 %
Advisable Cross Speed	1,5 m/sn
Rec. Final Pres. Drop	EN 779-2012 250 Pa. ISO 16890 200 Pa.
Flame Resistance	F1 DIN 53438
Filter Stage	I
Roll Size	536-836-1141-1446- 1751-1950-2010-2056 mm

Filter Code	Filter Class EN 779-2012	Average Efficiency EN 779-2012	Filter Class ISO 16890	Weight gr/m ²	Thickness mm	Initial P.D. Pa.	Final P.D. Pa.	Dust Holding Capacity gr/m ²
ROLLFILTER-4INC-1160	G3	85%	ISO COARSE>40%	210	10	12	200-250	350

ROLL-MATIC



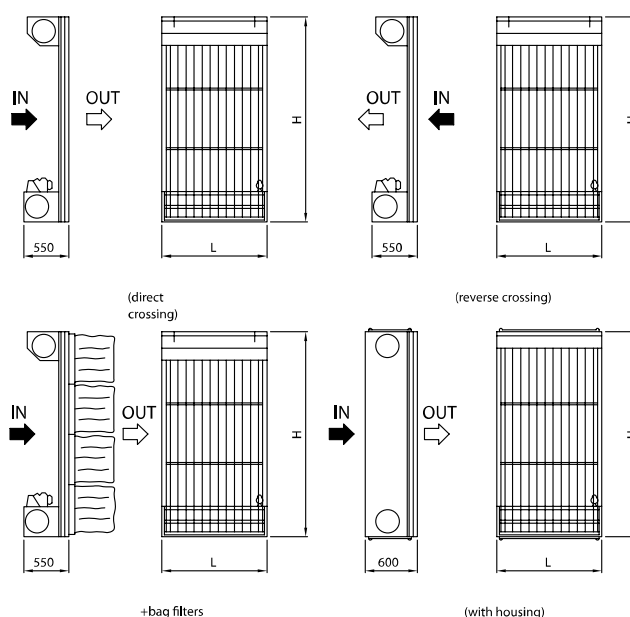
DESCRIPTION

The advantage of a roll filter with automatic unwound of the filter media is its compact dimensions in comparison with its working autonomy. In fact, the spaces required for lodging the filter media rolls can vary from 20% for small filters to 10% for big filters of the total filter surface. This technical conception is due to its rational mechanical construction and to the compressibility characteristics of the employed filter media that allows to realize rolls with reduced diameters but in the same time with maximum unwindings to ensure a long autonomy of operation even at hard working conditions.

TECHNICAL SPECIFICATIONS

Class EN 779-2012	G3
Class ISO 16890-COARSE	>40%
Av. Efficiency EN 779-2012	80%
Av. Efficiency ISO 16890	>40%
Max. Temperature	80 - 120 °C
Relative Humidity	100 %
Advisable Cross Speed	1,5 m/sn
Rec. Final Pres. Drop	EN 779-2012 250 Pa.
	ISO 16890 200 Pa.
Flame Resistance	F1 DIN 53438
Filter Stage	I - II

Filter Code	Filter Class ASHREA 52.2	Efficiency ASHREA 52.2	
RMROLL-SYT	MERV 5-6	35%≥E3	
Filter Weight oz / ft²	Thickness mm	Initial P.D. Wg	Dust Holding Capacity oz / m²
79,73	0,59	0,05	132,89





High Temperature Filters/ Glassfibre Filter Media HT300

Progressively structured filtermedia composed of finest glass fibers, bonded with a high temperature resistant resing for the filtration dust particles.

Application: Filtration of intake and circulating air in spray and drying booths.

Thickness : 50 mm

Filterclass: G4

Resetant up to 300°C



Hydropaint Collector

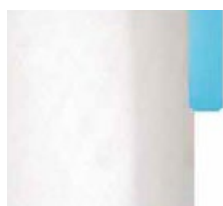
Progressively structured glassfibre filtermedia impregnated throughout with a harmless gel especially designed

for the filtration of fine and dry water based overspray particles.

Application: Filtration of water based overspray particles in spray booths of the surface treatment.

Thickness: 75 mm

Efficiency: 98,5 %



Synthetic Filter Media ASIHT200

Progressively structured filtermedia composed of synthetic fibers, bonded with a high temperature binder for the filtration of fine dust particles.

Application: Filtration of the intake and circulating air in spray and drying booths.

Thickness: 15 mm

Filterclass: M5

Resetant up to 200°C



Hydropaint Collector

Progressively structured glass fibre filter media impregnated throughout with a harmless gel for the filtration of coarse dust particles

Application: As a preliminary filter for the filtration of coarse dust particles in general ventilation and air conditioning equipment.

Thickness: 25 / 50 / 100 mm

Efficiency: G2 - G4



Paint Collector

Progressively structured glassfibre filter media especially designed for the filtration of solvent based paint and lacquer particles.

Application: Filtration of solvent based paint and lacquer particles in spray booths of the surface-treatment.

Thickness: 25 / 50 / 75 / 100 mm

Efficiency: 90 - 98 %

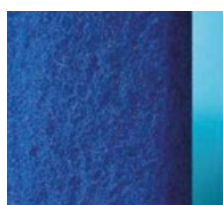


Dust Collector 5"

Progressively structured glass fibre filtermedia impregnated throughout with a harmless gel for the filtration of large quantities of coarse dust particles. Application: As a machine protection particularly installed as a preliminary filter of gas-turbines, on vessels and further industrial installations.

Thickness: 100 mm

Efficiency: G4



Blue-Pol

100% Polyester construction cleans easily with water available in rolls and pre-cuts (12- 25 mm) cuts to full size of opening with scissors eliminating air by-pass

Rigid construction-needs no frame

Low resistance to air flow

Fibers are unaffected by moisture

Safe to handle-no fiberglass or sharp edges

Bi-directional air flow 80-90%

dust retention

Flame Retardent-self extinguishing



Dust Collector 5"

Progressively structured glass fibre filter media especially designed for the filtration of mist particles in environments with an extremely high atmospheric humidity. Fibres barded with a particularly humidity resistant binder.

Application: Mist filtration in gas turbine power stations, on offshore platforms, sea coast areas and behind air washers.

Thickness: 75 mm

Efficiency: 99.8 %

CARDBOARD PAINT SPRAY FILTER



Cardboard filter pads has been specially designed to fit spray booths both horizontally and vertically.

The filter has a V-shaped design, with holes perfectly aligned. Cardboard filter pads have the advantage of 3-5 times higher paint storage capacity than regular filter medias [approximately 18 kg/m²]. The folded filters consist of recyclable cardboard. They are drawn to their proper size not until the installation takes place. Therefore storage and transportation costs are very low.

Filter Code	Width mm	Area m ²	Pleats	Thickness mm	Average Separation Rate	Recommended Max. Pressure Drop
Point Paper 75	75	10	270	65	80-98%	128
Point Paper 90	90	10	290	65	80-98%	128
Point Paper 100	100	10	360	65	80-98%	128

Velocity mm/sec.	Pressure Drop pa
0,25	8
0,50	20
0,75	30
1,00	40

FILTER CELL HT300

High Temperature



HT300XAL2-0610-0610-014

Progressively structured filter media composed of finest glass fibers, bonded with a high temperature resistant binder. Converted into finished filter cells by aluminium stretcher grids.

APPLICATIONS

- Filtration of in take and circulating air in spray and drying booths.

FILTER CODE STRUCTURE

Type	HT	FILTER CELL HT300
Media	300	300: HT300 200: AS200
Frame	X	G: Galvanized A: Aluminum T: SS 304 S: SS 316 X: Without Frame
Wire	A	G: Galvanized A: Aluminum T: SS 304 X: Without Frame
Modelling	L	L: Straight Z: Z-Line
Face Guard	2	0: Without Grid 1: Face Grid Air Outlet 2: Both Side with Grid
Size	0610-0610-014	

TECHNICAL SPECIFICATIONS

Class EN 779-2012	G4	M5
Class ISO 16890-COARSE	>60%	ePM10
Av. Efficiency EN 779-2012	90%	95%
Av. Efficiency ISO 16890	>60%	50%
Max. Temperature	300°C	
Relative Humidity	100 %	
Rec. Final Pres. Drop	EN 779-2012	250 Pa.
	ISO 16890	200 Pa.
Filter Stage	I - II	

FILTER CELL HT300 Technical Data

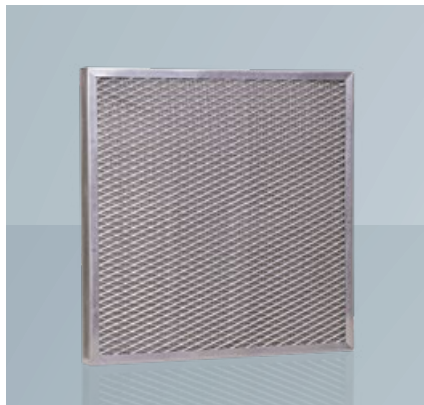
Filter Code	Size W x L x D	Filter Class EN 779-2012	Filter Area m ²
HT300XAL2	0240-0480-014	G4	0,12
HT300XAL2	0480-0480-014	G4	0,24
HT300XFL2	0595-0595-014	G4	0,35
HT300XFL2	0610-0610-014	G4	0,37

Filter Code	Size W x L x D	Filter Class EN 779-2012	Filter Area m ²
HT300GFZ2	0287-0287-048	G4	0,20
HT300GFZ2	0287-0592-048	G4	0,30
HT300GFZ2	0490-0592-048	G4	0,50
HT300GFZ2	0592-0592-048	G4	0,60

Filter Code	Size W x L x D	Filter Class EN 779-2012	Filter Area m ²
HT300GFZ2	0287-0287-095	M5	0,40
HT300GFZ2	0287-0592-095	M5	0,60
HT300GFZ2	0490-0592-095	M5	1,00
HT300GFZ2	0592-0592-095	M5	1,20

PANMET

Metal Filters



PM360GL2-0592-0592-048

APPLICATIONS

- Washeable for repeated use
- Low pressure drop
- High temperature
- Corrosive environments
- Large bulky contaminants
- Oil mist or grease separation

FILTER CODE STRUCTURE

Type	PM	PANMET
Class EN 779-2012 Class ISO 16890	3	G3 COARSE>40%
Frame	G	G: Galvanized T: SS 304 A: Aluminum S: SS 316
Media	OG	OG: Galvanized Mesh Wire OT: Stainless Mesh Wire AB: Aluminum Bounded
Modelling	L	Straight
Face Guard	2	0: Without Grid 1: Face Grid Air Outlet 2: Both Side with Grid
Size	0592-0592-048	

TECHNICAL SPECIFICATIONS

Class EN 779-2012	G2	G3
Class ISO 16890-COARSE	>20%	>40%
Av. Efficiency EN 779-2012	50%	80%
Av. Efficiency ISO 16890	>20%	>40%
Max. Temperature	200°C	
Relative Humidity	100 %	
Rec. Final Pres. Drop	EN 779-2012	250 Pa.
	ISO 16890	200 Pa.
Flame Resistance	F1 DIN 53438	
Filter Stage	I	

PANMET Technical Data

Code	Size W x L x D (mm)	Filter Class ISO 16890	Filter Class EN 779-2012	Area m ²	Air Flow m ³ /h	In.Pressure D. Pa	Weight kg
PM2GOGL2	0287-0287-025	COARSE>20	G2	0,08	850	30	1,50
PM2GOGL2	0287-0592-025	COARSE>20	G2	0,17	1700	30	2,80
PM2GOGL2	0490-0592-025	COARSE>20	G2	0,29	2800	30	5,20
PM2GOGL2	0592-0592-025	COARSE>20	G2	0,35	3400	30	5,50

Code	Size W x L x D (mm)	Filter Class ISO 16890	Filter Class EN 779-2012	Area m ²	Air Flow m ³ /h	In.Pressure D. Pa	Weight kg
PM3GOGL2	0287-0287-048	COARSE>40	G3	0,08	850	40	2,00
PM3GOGL2	0287-0592-048	COARSE>40	G3	0,17	1700	40	4,00
PM3GOGL2	0490-0592-048	COARSE>40	G3	0,29	2800	40	7,25
PM3GOGL2	0592-0592-048	COARSE>40	G3	0,35	3400	40	8,00

PANMET-Z

Metallic Z-Line Panel Filters



PM2G0GZ2-0592-0592-048

APPLICATIONS

- Washeable for repeated use
- Low pressure drop
- High temperature
- Corrosive environments
- Large bulky contaminants
- Oil mist or grease separation

FILTER CODE STRUCTURE

Type	PM	PANMET
Filter Class ASHREA 52.2	2	G2 COARSE>20%
Frame	G	G : Galvanized T : SS 304 A : Aluminum S : SS 316
Media	OG	OG : Galvanized Mesh Wire OT : Stainless Mesh Wire AB : Aluminum Bounded AZ : Z-Line Aluminum Wire GZ : Z-Line Galvanized Wire
Modelling	Z	Z : Z-Line
Face Guard	2	0 : Without Grid 1 : Face Grid Air Outlet 2 : Both Side with Grid
Size		0592-0592-048

TECHNICAL SPECIFICATIONS

Class EN 779-2012	G2
Class ISO 16890-COARSE	>20%
Av. Efficiency EN 779-2012	50%
Av. Efficiency ISO 16890	>20%
Max. Temperature	200°C
Relative Humidity	100 %
Rec. Final Pres. Drop	EN 779-2012 250 Pa. ISO 16890 200 Pa.
Flame Resistance	F1 DIN 53438
Filter Stage	I

PANMET-Z Series Technical Data

Code	Size W x L x D (mm)	Filter Class ISO 16890	Filter Class EN 779-2012	Area m ²	Air Flow m ³ /h	In.Pressure D. Pa	Weight kg
PM2GOGZ2	0287-0287-048	COARSE >20%	G2	0,08	850	25	1,50
PM2GOGZ2	0287-0592-048	COARSE >20%	G2	0,17	1700	25	2,80
PM2GOGZ2	0490-0592-048	COARSE >20%	G2	0,29	2800	25	5,20
PM2GOGZ2	0592-0592-048	COARSE >20%	G2	0,35	3400	25	5,50

Code	Size W x L x D (mm)	Filter Class ISO 16890	Filter Class EN 779-2012	Area m ²	Air Flow m ³ /h	In.Pressure D. Pa	Weight kg
PM2GOGZ2	0287-0287-096	COARSE >20%	G2	0,16	850	15	2,00
PM2GOGZ2	0287-0592-096	COARSE >20%	G2	0,34	1700	15	4,00
PM2GOGZ2	0490-0592-096	COARSE >20%	G2	0,58	2800	15	7,25
PM2GOGZ2	0592-0592-096	COARSE >20%	G2	0,70	3400	15	8,00

PANFIL-KFL

Disposable Filters



PF3KF25L0-0592-0592-48

APPLICATIONS

- Wet particulate arrestance in pre-filtration, varnishing and paint spray applications.
- Low start pressure drop
- High dust holding capacity
- Totally disposable type filter

FILTER CODE STRUCTURE

Type	PF	PANFIL-KFL
Class EN 779-2012 Class ISO 16890	3	G3 COARSE>40%
Frame	K	Cardboard
Media	F25	F25: Glass Fiber 250 F36: Glass Fiber 360
Modelling	L	Straight
Face Guard	0	0: Without Grid
Size		0592-0592-48

TECHNICAL SPECIFICATIONS

Class EN 779-2012	G3	G4
Class ISO 16890-COARSE	>40%	>60%
Av. Efficiency EN 779-2012	80%	90%
Av. Efficiency ISO 16890	>40%	>60%
Max. Temperature	70°C	
Relative Humidity	80 %	
Rec. Final Pres. Drop	EN 779-2012	250 Pa.
	ISO 16890	200 Pa.
Filter Stage	I	

PANFIL-KFL Series Technical Data

Code	Size W x L x D (mm)	Filter Class ISO 16890	Filter Class EN 779-2012	Area m ²	Air Flow m ³ /h	In.Pressure D. Pa	Weight kg
PF3KF18L0	0287-0287-024	COARSE>40%	G3	0,08	850	30	0,30
PF3KF18L0	0287-0592-024	COARSE>40%	G3	0,17	1700	30	0,65
PF3KF18L0	0490-0592-024	COARSE>40%	G3	0,29	2800	30	1,10
PF3KF18L0	0592-0592-024	COARSE>40%	G3	0,35	3400	30	1,35

Code	Size W x L x D (mm)	Filter Class ISO 16890	Filter Class EN 779-2012	Area m ²	Air Flow m ³ /h	In.Pressure D. Pa	Weight kg
PF3KF25L0	0287-0287-048	COARSE>40%	G3	0,08	850	50	0,35
PF3KF25L0	0287-0592-048	COARSE>40%	G3	0,17	1700	50	0,80
PF3KF25L0	0490-0592-048	COARSE>40%	G3	0,29	2800	50	1,50
PF3KF25L0	0592-0592-048	COARSE>40%	G3	0,35	3400	50	1,60

Code	Size W x L x D (mm)	Filter Class ISO 16890	Filter Class EN 779-2012	Area m ²	Air Flow m ³ /h	In.Pressure D. Pa	Weight kg
PF4KF36L0	0287-0287-096	COARSE>60%	G4	0,08	850	75	0,40
PF4KF36L0	0287-0592-096	COARSE>60%	G4	0,17	1700	75	1,00
PF4KF36L0	0490-0592-096	COARSE>60%	G4	0,29	2800	75	1,85
PF4KF36L0	0592-0592-096	COARSE>60%	G4	0,35	3400	75	2,00

PANFIL-KSZ

Disposable Filters



PF4KS10Z1-0592-0592-048

APPLICATIONS

- Conditioning and ventilation systems
- Used as pre-filter or second-stage filter
- Low start pressure drop
- High dust holding capacity
- Totally disposable type filter

FILTER CODE STRUCTURE

Type	PF	PANFIL-KSZ
Class EN 779-2012 Class ISO 16890	4	G4 COARSE>60
Frame	K	Cardboard
Media	S10	S14: Blue Fiber S10: White Fiber
Modelling	Z	Z: Z-Line
Face Guard	1	Face Grid Air Outlet
Size	0592-0592-048	

TECHNICAL SPECIFICATIONS

Class EN 779-2012	G3	G4
Class ISO 16890-COARSE	>40%	>60%
Av. Efficiency EN 779-2012	80%	90%
Av. Efficiency ISO 16890	>40%	>60%
Max. Temperature	70°C	
Relative Humidity	80 %	
Rec. Final Pres. Drop	EN 779-2012	250 Pa.
	ISO 16890	200 Pa.
Filter Stage	I - II	

PANFIL-KSZ Series Technical Data

Code	Size W x L x D (mm)	Filter Class ISO 16890	Filter Class EN 779-2012	Area m ²	Air Flow m ³ /h	In.Pressure D. Pa	Weight kg
PF4KS10Z1	0287-0287-048	COARSE >60	G4	0,40	850	70	0,50
PF4KS10Z1	0287-0592-048	COARSE >60	G4	0,70	1700	70	1,00
PF4KS10Z1	0490-0592-048	COARSE >60	G4	1,10	2800	70	1,65
PF4KS10Z1	0592-0592-048	COARSE >60	G4	1,30	3400	70	1,80

Code	Size W x L x D (mm)	Filter Class ISO 16890	Filter Class EN 779-2012	Area m ²	Air Flow m ³ /h	In.Pressure D. Pa	Weight kg
PF4KS10Z1	0287-0287-096	COARSE >60	G4	0,80	1000	95	0,90
PF4KS10Z1	0287-0592-096	COARSE >60	G4	1,40	2100	95	1,65
PF4KS10Z1	0490-0592-096	COARSE >60	G4	2,20	3400	95	2,75
PF4KS10Z1	0592-0592-096	COARSE >60	G4	2,60	4200	95	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 G: Galvanized A: Aluminum T: SS 304 S: SS 316
Media	S15	S15: Fiber Y20: Blue POL E18: Fetex 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%	70%
Max. Temperature	100°C		
Relative Humidity	80 %		
Rec. Final Pres. Drop	EN 779-2012	250 Pa.	
	ISO 16890	200 Pa.	
Filter Stage	I - II		

PANFIL-GSZ Series Technical Data

Code	Size W x L x D	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 W x L x D	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 W x L x D	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 W x L x D	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 W x L x D	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 W x L x D	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

PANFIL-PR

PANFIL-PR Series



PF4PS18W0-0592-0592-048

APPLICATIONS

- Conditioning, ventilation systems, power plants and turbo machines
- 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-PR
Class EN 779-2012 Class ISO COARSE	4	G4 COARSE >40%
Frame	P	Plastic
Media	S	Synthetic Media
Media Code	18	Media Code
Modelling	W	W- Line
Face Guard	0	Without Grids
Size		0592-0592-048

TECHNICAL SPECIFICATIONS

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

PANFIL-PR Series Technical Data

Code	Size W x L x D	Filter Class ISO 16890	Filter Class EN 779-2012	Area m ²	Air Flow m ³ /h	In.Pressure D. Pa	Weight kg
PF4PS18W0	0287-0287-048	COARSE>60%	G4	0,45	850	60	0,80
PF4PS18W0	0287-0592-048	COARSE>60%	G4	0,85	1700	60	1,30
PF4PS18W0	0490-0592-048	COARSE>60%	G4	1,40	2800	60	2,20
PF4PS18W0	0592-0592-048	COARSE>60%	G4	1,65	3400	60	2,50

Code	Size W x L x D	Filter Class ISO 16890	Filter Class EN 779-2012	Area m ²	Air Flow m ³ /h	In.Pressure D. Pa	Weight kg
PF4PS18W0	0287-0287-096	COARSE>60%	G4	0,85	1000	70	1,50
PF4PS18W0	0287-0592-096	COARSE>60%	G4	1,65	2100	70	2,60
PF4PS18W0	0490-0592-096	COARSE>60%	G4	2,80	3400	70	4,50
PF4PS18W0	0592-0592-096	COARSE>60%	G4	3,35	4200	70	5,00

Code	Size W x L x D	Filter Class ISO 16890	Filter Class EN 779-2012	Area m ²	Air Flow m ³ /h	In.Pressure D. Pa	Weight kg
PF5PS18W0	0287-0287-048	ePM10>50%	M5	0,45	850	75	0,80
PF5PS18W0	0287-0592-048	ePM10>50%	M5	0,85	1700	75	1,30
PF5PS18W0	0490-0592-048	ePM10>50%	M5	1,40	2800	75	2,20
PF5PS18W0	0592-0592-048	ePM10>50%	M5	1,65	3400	75	2,50

Code	Size W x L x D	Filter Class ISO 16890	Filter Class EN 779-2012	Area m ²	Air Flow m ³ /h	In.Pressure D. Pa	Weight kg
PF5PS18W0	0287-0287-096	ePM10>50%	M5	0,85	1000	90	1,50
PF5PS18W0	0287-0592-096	ePM10>50%	M5	1,65	2100	90	2,60
PF5PS18W0	0490-0592-096	ePM10>50%	M5	2,80	3400	90	4,50
PF5PS18W0	0592-0592-096	ePM10>50%	M5	3,35	4200	90	5,00

PANFIL-GO

PANFIL - GO Series / Poliuretan Media Z-Line Filter



PF3G041Z2-0592-0592-048

FILTER CODE STRUCTURE

Type	PF	PANFIL-GO
Class EN 779-2012 Class ISO COARSE	3	G3 COARSE>40%
Frame	G	P: Plastic G: Galvanized A: Aluminum T: SS 304 S: SS 316
Media	041	041: 45/10 POL 026: 20/6 POL 022: 20/20 POL 021: 20/10 POL 046: 45/6 POL 042: 45/20 POL
Modelling	Z	L: Straight Z: Z-Line
Face Guard	2	Both Side
Size		0592-0592-048

APPLICATIONS

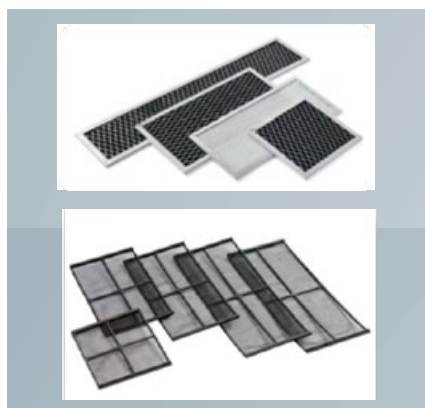
- Conditioning and ventilation systems
- Used as pre-filter or second-stage filter
- Low start pressure drop
- High dust holding capacity
- Reduced operating costs
- Washeable for repeated use

TECHNICAL SPECIFICATIONS

Class EN 779-2012	G2	G3
Class ISO 16890	>20%	>40%
Av. Efficiency EN 779-2012	50%	80%
Av. Efficiency ISO 16890	>30%	>40%
Max. Temperature	70°C	
Relative Humidity	100 %	
Rec. Final Pres. Drop	EN 779-2012	250 Pa.
	ISO 16890	200 Pa.
Filter Stage	I	

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
PF2G021Z2	0287-0287-048	COARSE>20%	G2	0,20	850	35	0,80
PF2G021Z2	0287-0592-048	COARSE>20%	G2	0,30	1700	35	1,30
PF2G021Z2	0490-0592-048	COARSE>20%	G2	0,50	2800	35	2,20
PF2G021Z2	0592-0592-048	COARSE>20%	G2	0,60	3400	35	2,50
PF3G041Z2	0287-0287-048	COARSE>40%	G3	0,20	850	50	0,80
PF3G041Z2	0287-0592-048	COARSE>40%	G3	0,30	1700	50	1,30
PF3G041Z2	0490-0592-048	COARSE>40%	G3	0,50	2800	50	2,20
PF3G041Z2	0592-0592-048	COARSE>40%	G3	0,60	3400	50	2,50

FANCOIL



FC2G026L2-0592-0592-008

APPLICATIONS

- Conditioning and ventilation systems
- Used as pre-filter or second-stage filter
- Low start pressure drop
- High dust holding capacity
- Reduced operating costs
- Washable for repeated use

FILTER CODE STRUCTURE

Type	FC	FANCOIL
Class EN 779-2012 Class ISO COARSE	2	G2 COARSE >40
Frame	G	G: Galvanized T: SS 304 X: Frameless (with 4 mm rod wire) A: Aluminum P: Plastic
Media	026	S12: 120gr Fiber 046: 45/6 POL 026: 20/6 POL Net: Net Media
Modelling	L	Straight Model
Face Guard	2	0: Without Grid 1: Face Grid Air Outlet 2: Both Side with Grid

Size 0592-0592-008

TECHNICAL SPECIFICATIONS

Class EN 779-2012	G2	G3
Class ISO 16890	>20%	>40%
Av. Efficiency EN 779-2012	50%	80%
Av. Efficiency ISO 16890	>20%	>40%
Max. Temperature	70°C	
Relative Humidity	100 %	
Rec. Final Pres. Drop	EN 779-2012	250 Pa.
	ISO 16890	200 Pa.
Filter Stage	I	

WITH SYNTHETIC MEDIA

Code	Size W x L x D	Filter Class ISO 16890	Filter Class EN 779-2012	Area m ²	Air Flow m ³ /h	In. Pressure D. Pa	Weight kg
FC3GS12L2	0287-0287-008	COARSE >40%	G3	0,084	850	70	0,80
FC3GS12L2	0287-0592-008	COARSE >40%	G3	0,17	1700	70	1,30
FC3GS12L2	0490-0592-008	COARSE >40%	G3	0,29	2800	70	2,20
FC3GS12L2	0592-0592-008	COARSE >40%	G3	0,35	3400	70	2,50

WITH POLYURETHANE MEDIA

FC2G026L2	0287-0287-008	COARSE >20%	G2	0,084	850	40	0,80
FC2G026L2	0287-0592-008	COARSE >20%	G2	0,17	1700	40	1,30
FC2G026L2	0490-0592-008	COARSE >20%	G2	0,29	2800	40	2,20
FC2G026L2	0592-0592-008	COARSE >20%	G2	0,35	3400	40	2,50

PREBAG

Synthetic Pocket Filters



PB4G25S06-0592-0592-600

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	PB	PREBAG
Class EN 779-2012 Class ISO COARSE	4	G4 COARSE>90
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	S: Synthetic Media
Pocket Number	06	6 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	0592-0592-600	

Fire Resistance Class K1/F1 According to DIN53438

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%	60%
Max. Temperature	80°C		
Relative Humidity	100 %		
Rec. Final Pres. Drop	EN 779-2012	250 Pa.	
	ISO 16890	200 Pa.	
Filter Stage	I - II		

PREBAG Filter 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
PB3G25S03XX	0287-0287-360	COARSE>40%	G3	3	360	0,75	850	35	1,25
PB3G25S03XX	0287-0592-360	COARSE>40%	G3	3	360	1,50	1700	35	1,50
PB3G25S05XX	0490-0592-360	COARSE>40%	G3	5	360	2,50	2800	35	2,00
PB3G25S06XX	0592-0592-360	COARSE>40%	G3	6	360	3,00	3400	35	2,40

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
PB4G25S03XX	0287-0287-360	COARSE>60%	G4	3	360	0,75	850	40	1,25
PB4G25S03XX	0287-0592-360	COARSE>60%	G4	3	360	1,50	1700	40	1,50
PB4G25S05XX	0490-0592-360	COARSE>60%	G4	5	360	2,50	2800	40	2,00
PB4G25S06XX	0592-0592-360	COARSE>60%	G4	6	360	3,00	3400	40	2,40

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
PB3G25S03XX	0287-0287-600	COARSE>40%	G3	3	600	1,25	850	30	1,40
PB3G25S03XX	0287-0592-600	COARSE>40%	G3	3	600	2,50	1700	30	1,65
PB3G25S05XX	0490-0592-600	COARSE>40%	G3	5	600	4,10	2800	30	2,30
PB3G25S06XX	0592-0592-600	COARSE>40%	G3	6	600	5,00	3400	30	2,80

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
PB4G25S03XX	0287-0287-600	COARSE>60%	G4	3	600	1,25	850	35	1,40
PB4G25S03XX	0287-0592-600	COARSE>60%	G4	3	600	2,50	1700	35	1,65
PB4G25S05XX	0490-0592-600	COARSE>60%	G4	5	600	4,10	2800	35	2,30
PB4G25S06XX	0592-0592-600	COARSE>60%	G4	6	600	5,00	3400	35	2,80

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
PB5G25S06XX	0287-0287-360	ePM10>60%	M5	3	360	0,75	850	50	1,25
PB5G25S03XX	0287-0592-360	ePM10>60%	M5	3	360	1,50	1700	50	1,50
PB5G25S05XX	0490-0592-360	ePM10>60%	M5	5	360	2,50	2800	50	2,00
PB5G25S06XX	0592-0592-360	ePM10>60%	M5	6	360	3,00	3400	50	2,40

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
PB5P25S03XX	0287-0287-600	ePM10>60%	M5	3	600	1,25	850	40	1,40
PB5P25S03XX	0287-0592-600	ePM10>60%	M5	3	600	2,50	1700	40	1,65
PB5P25S05XX	0490-0592-600	ePM10>60%	M5	5	600	4,10	2800	40	2,30
PB5P25S06XX	0592-0592-600	ePM10>60%	M5	6	600	5,00	3400	40	2,80

PREBAG-PR-600

Synthetic Rigid Pocket Filters



PB4P25R08-0592-0592-600



APPLICATIONS

- Conditioning, ventilation systems, power plants and turbo machines
- 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	PB	PREBAG-GS
Class EN 779-2012 Class ISO COARSE	4	G4 COARSE>90
Frame	P	P : Plastic (Black) G : Galvanized T : Stainless Steel V : One piece plastic (25 mm)
Header Thickness	25	25 : 25 mm 20 : 20 mm
Media	R	R : Rigid
Pocket Number	08	8 : 8 Pockets 6 : 6 Pockets
Gasket Type	X	X : Without Gasket P : Polyurethane R : Rubber E : EPDM
Gasket Direction	X	X : No C : Air Outlet G : Air Inlet
Size	0592-0592-600	

TECHNICAL SPECIFICATIONS

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

PREBAG PLASTIC FRAME 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
PB4P25R03	0287-0592-360	COARSE>60%	G4	3	360	1,50	850	35	1,70
PB4P25R04	0287-0592-360	COARSE>60%	G4	4	360	2,00	1700	35	2,10
PB4P25R06	0592-0592-360	COARSE>60%	G4	6	360	3,00	2800	35	2,80
PB4P25R08	0592-0592-360	COARSE>60%	G4	8	360	4,00	3400	35	3,30

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
PB4P25R03	0287-0592-600	COARSE>60%	G4	3	600	2,40	850	30	1,80
PB4P25R04	0287-0592-600	COARSE>60%	G4	4	600	3,20	1700	30	2,25
PB4P25R06	0592-0592-600	COARSE>60%	G4	6	600	4,80	2800	30	3,00
PB4P25R08	0592-0592-600	COARSE>60%	G4	8	600	6,40	3400	30	3,70

FINE FILTERS

AIR FILTRATION
& AIR QUALITY



AIR FILTERS

INTERNATIONAL CLASSIFICATION

EN 779-2012 / ISO 16890

Group	Designation	European Filter Class	MERV Rating	Recommended Final Pressure Drop (Pa)	Average Efficiency (Em) of 0,4μ Particles (%)	Minimum Efficiency for 0,4μ Particles (%)	NEW STANDARD ISO 16890		
		EN 779-2012	ASHRAE 52.2				ISO ePM1	ISO ePM2,5	ISO ePM10
MEDIUM	M	M5	MERV 9-10	450	40 ≤ Em < 60	-	-	-	> 50 %
		M6	MERV 11-12	450	60 ≤ Em < 80	-	-	50-65 %	> 60 %
FINE	F	F7	MERV 13	450	80 ≤ Em < 90	35	50-65 %	65-80 %	> 85 %
		F8	MERV 14	450	90 ≤ Em < 95	55	65-80 %	> 80 %	> 90 %
		F9	MERV 15	450	95 ≤ Em	70	> 80 %	> 95 %	> 95 %



CERTIFICATE
N° 14.06.004

Air Filters / Filtrés à Air

Granted on June 26, 2014 - Date 1ère admission 26 juin 2014

This document is valid at the date of issue - Check the current validity on:
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This certificate is issued by Eurovent Certita Certification according to the certification rules:
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THIS CERTIFICATE HAS BEEN ISSUED ON 18/08/2020
THIS CERTIFICATE IS VALID UNTIL 31/08/2021

CE CERTIFICAT A ÉTÉ ÉMIS LE 18/08/2020
CE CERTIFICAT EST VALABLE JUSQU'AU 31/08/2021

Paris, 18 août 2020

MANAGING BOARD MEMBER / MEMBRE DIRECTOIRE



1/2

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SYNTHETIC RIGID POCKET FILTER

SYNTHETIC POCKET FILTER

GLASS FIBER POCKET FILTERS

MINI PLEATED COMPACT FILTERS

ALUMINIUM SEPARATOR FILTERS

HIGH EFFICIENCY RIGID POCKET FILTERS

MULTIBAG-PR-600

Synthetic Rigid Pocket Filters



MB5V25R08XX-0592-0592-600



APPLICATIONS

- In ventilation and air conditioning systems
- Fine filtering keeps airborne particles and aerosols
- Large filtration surface, high flow rate, low initial pressure drop
- Rigid pocket structure provides high filtration

OPTIONS

- 360 mm depth

FILTER CODE STRUCTURE

Type	MB	MULTIBAG-PR
Class EN 779-2012 Class ISO 16890	6	M6 ePM2,5
Frame	V	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	R	Rijid High Frequency
Pocket Number	08	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	0592-0592-600	

Fire Resistance Class K1/F1 According to DIN53438

TECHNICAL SPECIFICATIONS

Class EN 779-2012	M5	M6
Class ISO 16890	ePM10	ePM10
Av. Efficiency EN 779-2012	55%	60%
Av. Efficiency ISO 16890	55%	60%
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-PR-600 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
MB5V25R03XX	0287-0592-600	ePM10>55%	M5	3	600	2,40	1700	45	1,80
MB5V25R04XX	0287-0592-600	ePM10>55%	M5	4	600	3,20	1700	45	2,25
MB5V25R06XX	0592-0592-600	ePM10>55%	M5	6	600	4,80	3400	45	3,00
MB5V25R08XX	0592-0592-600	ePM10>55%	M5	8	600	6,40	3400	45	3,70

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
MB6V25R03XX	0287-0592-600	ePM10>60%	M6	3	600	2,40	1700	50	1,80
MB6V25R04XX	0287-0592-600	ePM10>60%	M6	4	600	3,20	1700	50	2,25
MB6V25R06XX	0592-0592-600	ePM10>60%	M6	6	600	4,80	3400	50	3,00
MB6V25R08XX	0592-0592-600	ePM10>60%	M6	8	600	6,40	3400	50	3,70

MULTIBAG-635

Glass Fiber Pocket Filters



MB7G25F08XX-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	F	F: Glass Fiber
Pocket Number	08	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	ePM2,5	ePM1	ePM1
Av. Efficiency EN 779-2012	80%	85%	90%
Av. Efficiency ISO 16890	60%	60%	75%
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
MB6G25F04XX	0287-0592-635	ePM2,5>60%	M6	4	635	3,10	1700	70	1,35
MB6G25F05XX	0287-0592-635	ePM2,5>60%	M6	5	635	4,00	1700	60	1,50
MB6G25F06XX	0490-0592-635	ePM2,5>60%	M6	6	635	4,80	2800	70	2,00
MB6G25F08XX	0490-0592-635	ePM2,5>60%	M6	8	635	6,40	2800	60	2,30
MB6G25F08XX	0592-0592-635	ePM2,5>60%	M6	8	635	6,40	3400	70	2,50
MB6G25F10XX	0592-0592-635	ePM2,5>60%	M6	10	635	8,00	3400	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
MB7G25F04XX	0287-0592-635	ePM1>60%	F7	4	635	3,10	1700	95	1,35
MB7G25F05XX	0287-0592-635	ePM1>60%	F7	5	635	4,00	1700	90	1,50
MB7G25F06XX	0490-0592-635	ePM1>60%	F7	6	635	4,80	2800	95	2,00
MB7G25F08XX	0490-0592-635	ePM1>60%	F7	8	635	6,40	2800	90	2,30
MB7G25F08XX	0592-0592-635	ePM1>60%	F7	8	635	6,40	3400	95	2,50
MB7G25F10XX	0592-0592-635	ePM1>60%	F7	10	635	8,00	3400	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
MB8G25F04XX	0287-0592-635	ePM1>75%	F8	4	635	3,10	1700	150	1,35
MB8G25F05XX	0287-0592-635	ePM1>75%	F8	5	635	4,00	1700	145	1,50
MB8G25F06XX	0490-0592-635	ePM1>75%	F8	6	635	4,80	2800	155	2,00
MB8G25F08XX	0490-0592-635	ePM1>75%	F8	8	635	6,40	2800	145	2,30
MB8G25F08XX	0592-0592-635	ePM1>75%	F8	8	635	6,40	3400	150	2,50
MB8G25F10XX	0592-0592-635	ePM1>75%	F8	10	635	8,00	3400	145	3,00

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	ePM2,5	ePM1	ePM1
Av. Efficiency EN 779-2012	80%	85%	90%
Av. Efficiency ISO 16890	60%	60%	75%
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	ePM2,5>60%	M6	3	635	2,40	850	60	1,16
MB6G25S04XX	0287-0592-635	ePM2,5>60%	M6	4	635	3,20	1100	55	1,35
MB6G25S05XX	0490-0592-635	ePM2,5>60%	M6	5	635	4,00	1400	50	1,85
MB6G25S06XX	0490-0592-635	ePM2,5>60%	M6	6	635	4,80	1700	60	2,00
MB6G25S06XX	0592-0592-635	ePM2,5>60%	M6	6	635	4,80	1700	60	2,10
MB6G25S08XX	0592-0592-635	ePM2,5>60%	M6	8	635	6,40	2550	55	2,50
MB6G25S10XX	0592-0592-635	ePM2,5>60%	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>60%	F7	3	635	2,40	850	90	1,16
MB7G25S04XX	0287-0592-635	ePM1>60%	F7	4	635	3,20	1100	85	1,35
MB7G25S05XX	0490-0592-635	ePM1>60%	F7	5	635	4,00	1400	90	1,85
MB7G25S06XX	0490-0592-635	ePM1>60%	F7	6	635	4,80	1700	90	2,00
MB7G25S06XX	0592-0592-635	ePM1>60%	F7	6	635	4,80	1700	90	2,10
MB7G25S08XX	0592-0592-635	ePM1>60%	F7	8	635	6,40	2550	85	2,50
MB7G25S10XX	0592-0592-635	ePM1>60%	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>75%	F8	3	635	2,40	850	110	1,16
MB8G25S04XX	0287-0592-635	ePM1>75%	F8	4	635	3,20	1100	100	1,35
MB8G25S05XX	0490-0592-635	ePM1>75%	F8	5	635	4,00	1400	110	1,85
MB8G25S06XX	0490-0592-635	ePM1>75%	F8	6	635	4,80	1700	100	2,00
MB8G25S06XX	0592-0592-635	ePM1>75%	F8	6	635	4,80	1700	100	2,10
MB8G25S08XX	0592-0592-635	ePM1>75%	F8	8	635	6,40	2550	100	2,50
MB8G25S10XX	0592-0592-635	ePM1>75%	F8	10	635	8,00	3000	110	3,00

MULTIBAG-635 NANOWAVE

Synthetic Nanowave Pocket Filter



MB7G25N08XX-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	N	Synthetic Nanowave
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	ePM2,5	ePM1	ePM1
Av. Efficiency EN 779-2012	80%	85%	90%
Av. Efficiency ISO 16890	60%	60%	75%
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 NANOWAVE 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
MB6G25N04XX	0287-0592-635	ePM2,5>50%	M6	4	635	3,00	1700	55	1,35
MB6G25N06XX	0490-0592-635	ePM2,5>50%	M6	6	635	4,50	2800	55	2,00
MB6G25N08XX	0592-0592-635	ePM2,5>50%	M6	8	635	6,00	3400	55	2,50
MB6G25N10XX	0592-0592-635	ePM2,5>50%	M6	10	635	7,50	3400	50	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
MB7G25N04XX	0287-0592-635	ePM1>55%	F7	4	635	3,80	1700	75	1,35
MB7G25N06XX	0490-0592-635	ePM1>55%	F7	6	635	6,00	2800	75	2,00
MB7G25N08XX	0592-0592-635	ePM1>55%	F7	8	635	6,00	3400	75	2,50
MB7G25N10XX	0592-0592-635	ePM1>55%	F7	10	635	7,50	3400	70	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
MB8G25N04XX	0287-0592-635	ePM1>65%	F8	4	635	3,80	1700	80	1,35
MB8G25N06XX	0490-0592-635	ePM1>65%	F8	6	635	6,00	2800	80	2,00
MB8G25N08XX	0592-0592-635	ePM1>65%	F8	8	635	7,50	3400	80	2,50
MB8G25N10XX	0592-0592-635	ePM1>65%	F8	10	635	7,50	3400	75	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
MB9G25N04XX	0287-0592-635	ePM1>85%	F9	4	635	3,80	1700	120	1,35
MB9G25N06XX	0490-0592-635	ePM1>85%	F9	6	635	6,00	2800	120	2,00
MB9G25N08XX	0592-0592-635	ePM1>85%	F9	8	635	7,50	3400	120	2,50
MB9G25N10XX	0592-0592-635	ePM1>85%	F9	10	635	7,50	3400	115	3,00

MINIPAN-48-PRK & MINIPAN-96-PRL Series

Mini Pleated Compact Filters



MN7PRK0XX-0592-0592-48



APPLICATIONS

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

OPTIONS

- Optional protection grid
- Optional seal

- Frame Thickness
48-88-96 mm

FILTER CODE STRUCTURE

Type	MN	MINIPAN
Class EN 779-2012 Class ISO 16890	7	F7 ePM1
Frame	P	P: Plastic
Media	R	R: Micro Glass Fibre S: Synthetic
Pleat Depth	K	K: 42 mm L: 90 mm
Surface Grid	0	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	0592-0592-48	

TECHNICAL SPECIFICATIONS

Class EN 779-2012	M5	M6	F7	F8	F9
Class ISO 16890	ePM10	ePM2,5	ePM1	ePM1	ePM1
Av. Efficiency EN 779-2012	60%	80%	85%	90%	95%
Av. Efficiency ISO 16890	60%	60%	60%	75%	85%
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-PRK & MINIPAN-96-PRL 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
MN6PRK0XX	0287-0592-048	ePM2,5>60%	M6	48	2,85	1000	80	2,00
MN6PRK0XX	0492-0592-048	ePM2,5>60%	M6	48	5,00	1600	80	3,50
MN6PRK0XX	0592-0592-048	ePM2,5>60%	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
MN7PRK0XX	0287-0592-048	ePM1>60%	F7	48	2,85	1000	100	2,00
MN7PRK0XX	0492-0592-048	ePM1>60%	F7	48	5,00	1600	100	3,50
MN7PRK0XX	0592-0592-048	ePM1>60%	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
MN8PRK0XX	0287-0592-048	ePM1>75%	F8	48	2,85	1000	120	2,00
MN8PRK0XX	0492-0592-048	ePM1>75%	F8	48	5,00	1600	120	3,50
MN8PRK0XX	0592-0592-048	ePM1>75%	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
MN9PRK0XX	0287-0592-048	ePM1>85%	F9	48	2,85	1000	150	2,00
MN9PRK0XX	0492-0592-048	ePM1>85%	F9	48	5,00	1600	150	3,50
MN9PRK0XX	0592-0592-048	ePM1>85%	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
MN6PRL0XX	0287-0592-096	ePM2,5>60%	M6	96	5,50	1250	85	2,50
MN6PRL0XX	0492-0592-096	ePM2,5>60%	M6	96	9,00	2100	85	4,30
MN6PRL0XX	0592-0592-096	ePM2,5>60%	M6	96	11,00	2900	85	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
MN7PRL0XX	0287-0592-096	ePM1>60%	F7	96	5,50	1250	100	2,50
MN7PRL0XX	0492-0592-096	ePM1>60%	F7	96	9,00	2100	100	4,30
MN7PRL0XX	0592-0592-096	ePM1>60%	F7	96	11,00	2900	100	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
MN8PRL0XX	0287-0592-096	ePM1>75%	F8	96	5,50	1250	115	2,50
MN8PRL0XX	0492-0592-096	ePM1>75%	F8	96	9,00	2100	115	4,30
MN8PRL0XX	0592-0592-096	ePM1>75%	F8	96	11,00	2900	115	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
MN9PRL0XX	0287-0592-096	ePM1>85%	F9	96	5,50	1250	130	2,50
MN9PRL0XX	0492-0592-096	ePM1>85%	F9	96	9,00	2100	130	4,30
MN9PRL0XX	0592-0592-096	ePM1>85%	F9	96	11,00	2900	130	6,65

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 EN 779-2012	M5	M6	F7	F8	F9
Class ISO 16890	ePM10	ePM2,5	ePM1	ePM1	ePM1
Av. Efficiency EN 779-2012	60%	80%	85%	90%	95%
Av. Efficiency ISO 16890	60%	60%	60%	75%	85%
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	ePM2,5>60%	M6	48	2,85	1000	80	2,00
MN6GRK0XX	0492-0592-048	ePM2,5>60%	M6	48	5,00	1600	80	3,50
MN6GRK0XX	0592-0592-048	ePM2,5>60%	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>60%	F7	48	2,85	1000	100	2,00
MN7GRK0XX	0492-0592-048	ePM1>60%	F7	48	5,00	1600	100	3,50
MN7GRK0XX	0592-0592-048	ePM1>60%	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>75%	F8	48	2,85	1000	120	2,00
MN8GRK0XX	0492-0592-048	ePM1>75%	F8	48	5,00	1600	120	3,50
MN8GRK0XX	0592-0592-048	ePM1>75%	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>85%	F9	48	2,85	1000	150	2,00
MN9GRK0XX	0492-0592-048	ePM1>85%	F9	48	5,00	1600	150	3,50
MN9GRK0XX	0592-0592-048	ePM1>85%	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	ePM2,5>60%	M6	96	5,50	1450	80	2,50
MN6GRL0XX	0492-0592-096	ePM2,5>60%	M6	96	9,00	2400	80	4,30
MN6GRL0XX	0592-0592-096	ePM2,5>60%	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>60%	F7	96	5,50	1450	90	2,50
MN7GRL0XX	0492-0592-096	ePM1>60%	F7	96	9,00	2400	90	4,30
MN7GRL0XX	0592-0592-096	ePM1>60%	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>75%	F8	96	5,50	1450	105	2,50
MN8GRL0XX	0492-0592-096	ePM1>75%	F8	96	9,00	2400	105	4,30
MN8GRL0XX	0592-0592-096	ePM1>75%	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>85%	F9	96	5,50	1450	150	2,50
MN9GRL0XX	0492-0592-096	ePM1>85%	F9	96	9,00	2400	150	4,30
MN9GRL0XX	0592-0592-096	ePM1>85%	F9	96	11,00	2900	150	6,65

MULTICELL-PRM&PRL Series

Mini Pleated Compact Filters



MC7PRLT1XX-0592-0592-130



APPLICATIONS

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

OPTIONS

- Optional protection grid
- Optional seal

FILTER CODE STRUCTURE

Type	MC	MULTICELL
Class EN 779-2012 Class ISO 16890	7	F7 ePM1
Frame	P	P : Plastic
Media	R	R : Micro Glass Fibre S : Synthetic
Pleat Depth	L	K : 48 mm M : 58 mm N : 75 mm L : 100 mm
Flange Type	T	T : 25 mm Single Flange V : 20 mm Single Flange
Surface Grid	1	0 : Without Grid 1 : Face Grid Air Outlet 2 : Both Side with Grids
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		0592-0592-130

TECHNICAL SPECIFICATIONS

Class EN 779-2012	M5	M6	F7	F8	F9
Class ISO 16890	ePM10	ePM2,5	ePM1	ePM1	ePM1
Av. Efficiency EN 779-2012	60%	80%	85%	90%	95%
Av. Efficiency ISO 16890	60%	60%	60%	75%	85%
Max. Temperature		80°C			
Relative Humidity		100 %			
Rec. Final Pres. Drop	EN 779-2012			450 Pa.	
	ISO 16890			300 Pa.	
Filter Stage		II - III			

MULTICELL-PRM&PRL 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.Pres. Drop (Pa)	Weight kg
MC6PRMT1XX	0287-0592-130	ePM2,5>60%	M6	130	3,20	1125	60	3,50
MC6PRMT1XX	0490-0592-130	ePM2,5>60%	M6	130	5,20	1800	60	5,00
MC6PRMT1XX	0592-0592-130	ePM2,5>60%	M6	130	6,50	2250	60	5,80
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.Pres. Drop (Pa)	Weight kg
MC7PRMT1XX	0287-0592-130	ePM1>60%	F7	130	3,20	1125	80	3,50
MC7PRMT1XX	0490-0592-130	ePM1>60%	F7	130	5,20	1800	80	5,00
MC7PRMT1XX	0592-0592-130	ePM1>60%	F7	130	6,50	2250	80	5,80
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.Pres. Drop (Pa)	Weight kg
MC8PRMT1XX	0287-0592-130	ePM1>75%	F8	130	3,20	1125	110	3,50
MC8PRMT1XX	0490-0592-130	ePM1>75%	F8	130	5,20	1800	110	5,00
MC8PRMT1XX	0592-0592-130	ePM1>75%	F8	130	6,50	2250	110	5,80
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.Pres. Drop (Pa)	Weight kg
MC9PRMT1XX	0287-0592-130	ePM1>85%	F9	130	3,20	1125	150	3,50
MC9PRMT1XX	0490-0592-130	ePM1>85%	F9	130	5,20	1800	150	5,00
MC9PRMT1XX	0592-0592-130	ePM1>85%	F9	130	6,50	2250	150	5,80
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.Pres. Drop (Pa)	Weight kg
MC6PRLT1XX	0287-0592-130	ePM2,5>60%	M6	130	6,00	1700	100	3,50
MC6PRLT1XX	0490-0592-130	ePM2,5>60%	M6	130	12,00	2800	100	5,00
MC6PRLT1XX	0592-0592-130	ePM2,5>60%	M6	130	14,00	3400	100	5,80
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.Pres. Drop (Pa)	Weight kg
MC7PRLT1XX	0287-0592-130	ePM1>60%	F7	130	6,00	1700	130	3,50
MC7PRLT1XX	0490-0592-130	ePM1>60%	F7	130	12,00	2800	130	5,00
MC7PRLT1XX	0592-0592-130	ePM1>60%	F7	130	14,00	3400	130	5,80
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.Pres. Drop (Pa)	Weight kg
MC8PRLT1XX	0287-0592-130	ePM1>75%	F8	130	6,00	1700	150	3,50
MC8PRLT1XX	0490-0592-130	ePM1>75%	F8	130	12,00	2800	150	5,00
MC8PRLT1XX	0592-0592-130	ePM1>75%	F8	130	14,00	3400	150	5,80
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.Pres. Drop (Pa)	Weight kg
MC9PRLT1XX	0287-0592-130	ePM1>85%	F9	130	6,00	1700	170	3,50
MC9PRLT1XX	0490-0592-130	ePM1>85%	F9	130	12,00	2800	170	5,00
MC9PRLT1XX	0592-0592-130	ePM1>85%	F9	130	14,00	3400	170	5,80

MULTICELL-GRM-GRL Series

Mini Pleated Compact Filters



MC7GRLT1XX-0592-0592-150



APPLICATIONS

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

OPTIONS

- Optional protection grid
- Optional seal

FILTER CODE STRUCTURE

Type	MC	MULTICELL
Class EN 779-2012 Class ISO 16890	7	F7 ePM1
Frame	G	G : Galvanized A : Aluminum T : SS 304 S : SS 316
Media	R	R : Micro Glass Fibre S : Synthetic Y : High Heat
Pleat Depth	L	K : 48 mm M : 58 mm N : 75 mm L : 100 mm E : 135 mm
Flange Type	T	N : Without T : 25 mm Single D : 25 mm Double V : 20 mm Single W : 20 mm Double Flange B : Custom Size
Surface Grid	1	0 : Without Grid 1 : Face Grid Air Outlet 2 : Both Side with Grids
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		0592-0592-150

TECHNICAL SPECIFICATIONS

Class EN 779-2012	M5	M6	F7	F8	F9
Class ISO 16890	ePM10	ePM2,5	ePM1	ePM1	ePM1
Av. Efficiency EN 779-2012	60%	80%	85%	90%	95%
Av. Efficiency ISO 16890	60%	60%	60%	75%	85%
Max. Temperature		80°C			
Relative Humidity		100 %			
Rec. Final Pres. Drop	EN 779-2012			450 Pa.	
	ISO 16890			300 Pa.	
Filter Stage		II - III			

MULTICELL-150-GRM/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.Pres. Drop (Pa)	Weight kg
MC6GRMT1XX	0287-0592-150	ePM2,5>60%	M6	150	3,20	1125	60	3,50
MC6GRMT1XX	0492-0592-150	ePM2,5>60%	M6	150	5,20	1800	60	5,00
MC6GRMT1XX	0592-0592-150	ePM2,5>60%	M6	150	6,50	2250	60	5,80
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.Pres. Drop (Pa)	Weight kg
MC7GRMT1XX	0287-0592-150	ePM1>60%	F7	150	3,20	1125	80	3,50
MC7GRMT1XX	0490-0592-150	ePM1>60%	F7	150	5,20	1800	80	5,00
MC7GRMT1XX	0592-0592-150	ePM1>60%	F7	150	6,50	2250	80	5,80
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.Pres. Drop (Pa)	Weight kg
MC8GRMT1XX	0287-0592-150	ePM1>75%	F8	150	3,20	1125	110	3,50
MC8GRMT1XX	0490-0592-150	ePM1>75%	F8	150	5,20	1800	110	5,00
MC8GRMT1XX	0592-0592-150	ePM1>75%	F8	150	6,50	2250	110	5,80
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.Pres. Drop (Pa)	Weight kg
MC9GRMT1XX	0287-0592-150	ePM1>85%	F9	150	3,20	1125	150	3,50
MC9GRMT1XX	0490-0592-150	ePM1>85%	F9	150	5,20	1800	150	5,00
MC9GRMT1XX	0592-0592-150	ePM1>85%	F9	150	6,50	2250	150	5,80
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.Pres. Drop (Pa)	Weight kg
MC6GRLT1XX	0287-0592-150	ePM2,5>60%	M6	150	6,00	1700	100	3,50
MC6GRLT1XX	0492-0592-150	ePM2,5>60%	M6	150	12,00	2800	100	5,00
MC6GRLT1XX	0592-0592-150	ePM2,5>60%	M6	150	14,00	3400	100	5,80
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.Pres. Drop (Pa)	Weight kg
MC7GRLT1XX	0287-0592-150	ePM1>60%	F7	150	6,00	1700	130	3,50
MC7GRLT1XX	0490-0592-150	ePM1>60%	F7	150	12,00	2800	130	5,00
MC7GRLT1XX	0592-0592-150	ePM1>60%	F7	150	14,00	3400	130	5,80
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.Pres. Drop (Pa)	Weight kg
MC8GRLT1XX	0287-0592-150	ePM1>75%	F8	150	6,00	1700	150	3,50
MC8GRLT1XX	0490-0592-150	ePM1>75%	F8	150	12,00	2800	150	5,00
MC8GRLT1XX	0592-0592-150	ePM1>75%	F8	150	14,00	3400	150	5,80
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.Pres. Drop (Pa)	Weight kg
MC9GRLT1XX	0287-0592-150	ePM1>85%	F9	150	6,00	1700	170	3,50
MC9GRLT1XX	0490-0592-150	ePM1>85%	F9	150	12,00	2800	170	5,00
MC9GRLT1XX	0592-0592-150	ePM1>85%	F9	150	14,00	3400	170	5,80

MULTIAS 292-GRT8 & GRT5

Aluminium Separator Filters



MA86R8TOYC-0592-0592-292



APPLICATIONS

- High temperature resistant
Aluminium separator
- In high-flow filter unit applications
- Low initial pressure drop
- Optional gasket, flange, protection grid wire

FILTER CODE STRUCTURE

Type	MA	MULTI-AS
Class EN 779-2012 Class ISO 16890	8	F8 ePM1
Frame	G	G: Galvanized A: Aluminum T: SS304 S: SS316
Media and Separator	R	R: Micro Glass Fibre Y: High Heat
Separator Depth	8	8: 8 mm 5: 5 mm 3: 3mm
Flange Type	T	N: Without T: 25 mm Single D: 25 mm Double V: 20 mm Single W: 20 mm Double Flange B: Custom Size
Surface Grid	O	0: Without Grid 1: Face Grid Air Outlet 2: Both Side with Grid
Gasket Type	Y	X: Without Gasket P: Polyurethane R: Rubber E: EPDM Y: High Heat C: Cord Gasket
Gasket Direction	C	X: No C: Air Outlet G: Air Inlet W: Both Side
Size		0592-0592-292

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	70%	60%	75%
Max. Temperature	250°C - 350°C		
Relative Humidity	100 %		
Rec. Final Pres. Drop	EN 779-2012 450 Pa. ISO 16890 300 Pa.		
Filter Stage	II - III		

MULTIAS 292-GRT8 & GRT5 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
MA6GR8T0YC	0287-0592-292	ePM10>70%	M6	292	6,00	1700	120	7,00
MA6GR8T0YC	0592-0592-292	ePM10>70%	M6	292	13,00	3400	120	12,00
MA7GR8T0YC	0287-0592-292	ePM1>60%	F7	292	6,00	1700	140	7,00
MA7GR8T0YC	0592-0592-292	ePM1>60%	F7	292	13,00	3400	140	12,00
MA8GR8T0YC	0287-0592-292	ePM1>75%	F8	292	6,00	1700	150	7,00
MA8GR8T0YC	0592-0592-292	ePM1>75%	F8	292	13,00	3400	150	12,00

MULTIAS 150-GRT8 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
MA6GR8T0YC	0287-0592-150	ePM10>70%	M6	150	3,00	750	35	5,00
MA6GR8T0YC	0592-0592-150	ePM10>70%	M6	150	5,50	1500	35	9,00
MA7GR8T0YC	0287-0592-150	ePM1>60%	F7	150	3,00	750	45	5,00
MA7GR8T0YC	0592-0592-150	ePM1>60%	F7	150	5,50	1500	45	9,00
MA8GR8T0YC	0287-0592-150	ePM1>75%	F8	150	3,00	750	55	5,00
MA8GR8T0YC	0592-0592-150	ePM1>75%	F8	150	5,50	1500	55	9,00

MULTIAS 292-GRT5 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
MA6GR5T0YC	0287-0592-292	ePM10>70%	M6	292	8,00	1700	110	7,00
MA6GR5T0YC	0592-0592-292	ePM10>70%	M6	292	17,00	3400	110	12,00
MA7GR5T0YC	0287-0592-292	ePM1>60%	F7	292	8,00	1700	130	7,00
MA7GR5T0YC	0592-0592-292	ePM1>60%	F7	292	17,00	3400	130	12,00
MA8GR5T0YC	0287-0592-292	ePM1>75%	F8	292	8,00	1700	140	7,00
MA8GR5T0YC	0592-0592-292	ePM1>75%	F8	292	17,00	3400	140	12,00

MULTIAS 150-GRT5 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
MA6GR5T0YC	0287-0592-150	ePM10>70%	M6	150	4,00	750	30	5,00
MA6GR5T0YC	0592-0592-150	ePM10>70%	M6	150	9,00	1500	30	9,00
MA7GR5T0YC	0287-0592-150	ePM1>60%	F7	150	4,00	750	40	5,00
MA7GR5T0YC	0592-0592-150	ePM1>60%	F7	150	9,00	1500	40	9,00
MA8GR5T0YC	0287-0592-150	ePM1>75%	F8	150	4,00	750	50	5,00
MA8GR5T0YC	0592-0592-150	ePM1>75%	F8	150	9,00	1500	50	9,00

MULTIFIL 292

Rigid Pocket Filters



MF7P4B25AR18XX-0592-0592-292



APPLICATIONS

- For high efficiency air filtration
- Reduced dimensions and high flow filter units
- Rigid structure provides excellent precision filtration
- V type increased surface, high flow rate, low initial pressure drop
- Long service life in a group of fine filters

OPTIONS

- Optional seal

FILTER CODE STRUCTURE

Type	MF	MULTIFIL-292
Class EN 779-2012 Class ISO 16890	7	F7 ePM1
Frame	P	Plastic
Pocket Number	4	4 Rigid Pocket
Color	B	B: White S: Black
Flange Thickness	25	25: 25 mm - 20: 20 mm
Frame Mold Type	A	A: 25 mm Flange B: 20 mm Flange C: 25 mm & 20 mm Flange
Media	R	R: Micro Glass Fibre Y: High Heat Glass Fibre [Max. 120 °C]
Media Area	18	18 m ²
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		0592-0592-292

TECHNICAL SPECIFICATIONS

Class EN 779-2012	M5	M6	F7	F8	F9
Class ISO 16890	ePM10	ePM2,5	ePM1	ePM1	ePM1
Av. Efficiency EN 779-2012	60%	80%	85%	90%	95%
Av. Efficiency ISO 16890	60%	60%	60%	75%	85%
Max. Temperature		80°C			
Relative Humidity		100 %			
Rec. Final Pres. Drop		EN 779-2012	450 Pa.		
		ISO 16890	300 Pa.		
Filter Stage		II - III			

MULTIFIL 292 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
MF6P4B25AR09XX	0287-0592-292	ePM2,5>60%	M6	292	9	1650	70	4,00
MF6P4B25AR15XX	0490-0592-292	ePM2,5>60%	M6	292	15	2700	70	6,00
MF6P4B25AR18XX	0592-0592-292	ePM2,5>60%	M6	292	18	3400	70	7,00

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
MF7P4B25AR09XX	0287-0592-292	ePM1>60%	F7	292	9	1650	80	4,00
MF7P4B25AR15XX	0490-0592-292	ePM1>60%	F7	292	15	2700	80	6,00
MF7P4B25AR18XX	0592-0592-292	ePM1>60%	F7	292	18	3400	80	7,00

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
MF8P4B25AR09XX	0287-0592-292	ePM1>75%	F8	292	9	1650	90	4,00
MF8P4B25AR15XX	0490-0592-292	ePM1>75%	F8	292	15	2700	90	6,00
MF8P4B25AR18XX	0592-0592-292	ePM1>75%	F8	292	18	3400	90	7,00

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
MF9P4B25AR09XX	0287-0592-292	ePM1>85%	F9	292	9	1650	110	4,00
MF9P4B25AR15XX	0490-0592-292	ePM1>85%	F9	292	15	2700	110	6,00
MF9P4B25AR18XX	0592-0592-292	ePM1>85%	F9	292	18	3400	110	7,00

MULTIFIL 292

Rigid Pocket Filters



MF7P4B25AS18XX-0592-0592-292



APPLICATIONS

- For high efficiency air filtration
- Reduced dimensions and high flow filter units
- Rigid structure provides excellent precision filtration
- V type increased surface, high flow rate, low initial pressure drop
- Long service life in a group of fine filters

OPTIONS

- Optional seal

FILTER CODE STRUCTURE

Type	MF	MULTIFIL-292
Class EN 779-2012 Class ISO 16890	7	F7 ePM1
Frame	P	Plastic
Pocket Number	4	4 Rigid Pocket
Color	B	B: White S: Black
Flange Thickness	25	25: 25 mm - 20: 20 mm
Frame Mold Type	A	A: 25 mm Flange B: 20 mm Flange C: 25 mm & 20 mm Flange
Media	S	S: Synthetic Y: High Heat Synthetic (Max. 120 °C)
Media Area	18	18 m ²
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		0592-0592-292

TECHNICAL SPECIFICATIONS

Class EN 779-2012	M5	M6	F7	F8	F9
Class ISO 16890	ePM10	ePM2,5	ePM1	ePM1	ePM1
Av. Efficiency EN 779-2012	60%	80%	85%	90%	95%
Av. Efficiency ISO 16890	60%	60%	60%	75%	85%
Max. Temperature		80°C			
Relative Humidity		100 %			
Rec. Final Pres. Drop		EN 779-2012	450 Pa.		
		ISO 16890	300 Pa.		
Filter Stage		II - III			

MULTIFIL 292 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
MF6P4B25AS09XX	0287-0592-292	ePM2,5>60%	M6	292	9	1650	65	4,00
MF6P4B25AS15XX	0490-0592-292	ePM2,5>60%	M6	292	15	2700	65	6,00
MF6P4B25AS18XX	0592-0592-292	ePM2,5>60%	M6	292	18	3400	65	7,00

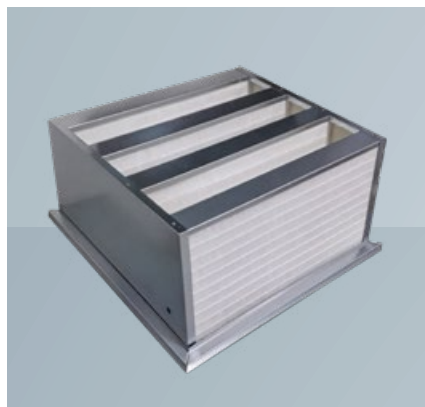
Code	Size W x L x D	Filter Class ISO 16890	Filter Class EN 779-2012	Depth mm	Area m ²	Air Flow m ³ /h	In.Pressure Drop (pa)	Weight kg
MF7P4B25AS09XX	0287-0592-292	ePM1>60%	F7	292	9	1650	75	4,00
MF7P4B25AS15XX	0490-0592-292	ePM1>60%	F7	292	15	2700	75	6,00
MF7P4B25AS18XX	0592-0592-292	ePM1>60%	F7	292	18	3400	75	7,00

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
MF8P4B25AS09XX	0287-0592-292	ePM1>75%	F8	292	9	1650	85	4,00
MF8P4B25AS15XX	0490-0592-292	ePM1>75%	F8	292	15	2700	85	6,00
MF8P4B25AS18XX	0592-0592-292	ePM1>75%	F8	292	18	3400	85	7,00

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
MF9P4B25AS09XX	0287-0592-292	ePM1>85%	F9	292	9	1650	95	4,00
MF9P4B25AS15XX	0490-0592-292	ePM1>85%	F9	292	15	2700	95	6,00
MF9P4B25AS18XX	0592-0592-292	ePM1>85%	F9	292	18	3400	95	7,00

MULTI-V 292 & 420

Rigid Pocket Filters



MV9G4R18TOXX-592-592-292



APPLICATIONS

- For high efficiency air filtration
- Reduced dimensions and high flow filter units
- Rigid structure provides excellent precision filtration
- V type increased surface, high flow rate, low initial pressure drop
- Long service life in a group of fine filters

OPTIONS

- 120 °C option
- Optional grid
- Optimal gasket
- Non-Standard Dimension

FILTER CODE STRUCTURE

Type	MV	MULTI-V
Class EN 779-2012 Class ISO 16890	9	F9 ePM1
Frame	G	G: Galvanized T: SS 304 A: Aluminum S: SS 316
Pocket	4	4: 4 Pieces
Media	R	R: Micro Glass Fibre Y: High Heat
Media Area	18	18 m ²
Flange Type	T	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 Grid
Gasket Type	X	X: Without Gasket P: Polyurethane R: Rubber E: EPDM Y: High Heat
Gasket Direction	X	X: No C: Air Outlet G: Air Inlet
Size	592-592-292	

TECHNICAL SPECIFICATIONS

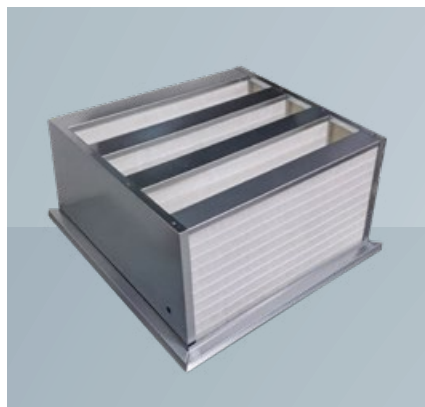
Class EN 779-2012	M5	M6	F7	F8	F9
Class ISO 16890	ePM10	ePM2,5	ePM1	ePM1	ePM1
Av. Efficiency EN 779-2012	60%	80%	85%	90%	95%
Av. Efficiency ISO 16890	60%	60%	60%	75%	85%
Max. Temperature	80 °C (120 °C option)				
Relative Humidity	100 %				
Rec. Final Pres. Drop	EN 779-2012 450 Pa. ISO 16890 300 Pa.				
Filter Stage	II - III				

MULTI-V 292 & 420 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
MV6G4R09T0XX	287-592-292	ePM2,5>60%	M6	292	9	1650	70	6,00
MV6G4R15T0XX	490-592-292	ePM2,5>60%	M6	292	15	2700	70	10,00
MV6G4R18T0XX	592-592-292	ePM2,5>60%	M6	292	18	3400	70	12,00
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
MV7G4R09T0XX	287-592-292	ePM1>60%	F7	292	9	1650	80	6,00
MV7G4R15T0XX	490-592-292	ePM1>60%	F7	292	15	2700	80	10,00
MV7G4R18T0XX	592-592-292	ePM1>60%	F7	292	18	3400	80	12,00
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
MV8G4R09T0XX	287-592-292	ePM1>75%	F8	292	9	1650	90	6,00
MV8G4R15T0XX	490-592-292	ePM1>75%	F8	292	15	2700	90	10,00
MV8G4R18T0XX	592-592-292	ePM1>75%	F8	292	18	3400	90	12,00
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
MV9G4R09T0XX	287-592-292	ePM1>85%	F9	292	9	1650	110	6,00
MV9G4R15T0XX	490-592-292	ePM1>85%	F9	292	15	2700	110	10,00
MV9G4R18T0XX	592-592-292	ePM1>85%	F9	292	18	3400	110	12,00
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
MV6G4R15T0XX	0287-0592-420	ePM2,5>60%	M6	420	15,00	1650	60	5,00
MV6G4R24T0XX	0490-0592-420	ePM2,5>60%	M6	420	24,00	2700	60	8,50
MV6G4R32T0XX	0592-0592-420	ePM2,5>60%	M6	420	32,00	3400	60	9,00
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
MV7G4R15T0XX	0287-0592-420	ePM1>60%	F7	420	15,00	1650	70	5,00
MV7G4R24T0XX	0490-0592-420	ePM1>60%	F7	420	24,00	2700	70	8,50
MV7G4R32T0XX	0592-0592-420	ePM1>60%	F7	420	32,00	3400	70	9,00
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
MV8G4R15T0XX	0287-0592-420	ePM1>75%	F8	420	15,00	1650	80	5,00
MV8G4R24T0XX	0490-0592-420	ePM1>75%	F8	420	24,00	2700	80	8,50
MV8G4R32T0XX	0592-0592-420	ePM1>75%	F8	420	32,00	3400	80	9,00
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
MV9G4R15T0XX	0287-0592-420	ePM1>85%	F9	420	15,00	1650	90	5,00
MV9G4R24T0XX	0490-0592-420	ePM1>85%	F9	420	24,00	2700	90	8,50
MV9G4R32T0XX	0592-0592-420	ePM1>85%	F9	420	32,00	3400	90	9,00

MULTI-V 292 & 420

Rigid Pocket Filters



MV9G4S18T0XX-592-592-292



APPLICATIONS

- For high efficiency air filtration
- Reduced dimensions and high flow filter units
- Rigid structure provides excellent precision filtration
- V type increased surface, high flow rate, low initial pressure drop
- Long service life in a group of fine filters

OPTIONS

- 120 °C option
- Optional grid
- Optimal gasket
- Non-Standard Dimension

FILTER CODE STRUCTURE

Type	MV	MULTI-V
Class EN 779-2012 Class ISO 16890	9	F9 ePM1
Frame	G	G: Galvanized T: SS 304 A: Aluminum S: SS 316
Pocket	4	4: 4 Pieces
Media	S	S: Synthetic (Optional Max. 120 °C)
Media Area	18	18 m ²
Flange Type	T	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 Grid
Gasket Type	X	X: Without Gasket P: Polyurethane R: Rubber E: EPDM Y: High Heat
Gasket Direction	X	X: No C: Air Outlet G: Air Inlet
Size	592-592-292	

TECHNICAL SPECIFICATIONS

Class EN 779-2012	M5	M6	F7	F8	F9
Class ISO 16890	ePM10	ePM2,5	ePM1	ePM1	ePM1
Av. Efficiency EN 779-2012	60%	80%	85%	90%	95%
Av. Efficiency ISO 16890	60%	60%	60%	75%	85%
Max. Temperature	80 °C (120 °C option)				
Relative Humidity	100 %				
Rec. Final Pres. Drop	EN 779-2012 450 Pa. ISO 16890 300 Pa.				
Filter Stage	II - III				

MULTI-V 292 & 420 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
MV6G4S09T0XX	287-592-292	ePM2,5>60%	M6	292	9	1650	65	6,00
MV6G4S15T0XX	490-592-292	ePM2,5>60%	M6	292	15	2700	65	10,00
MV6G4S18T0XX	592-592-292	ePM2,5>60%	M6	292	18	3400	65	12,00
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
MV7G4S09T0XX	287-592-292	ePM1>60%	F7	292	9	1650	75	6,00
MV7G4S15T0XX	490-592-292	ePM1>60%	F7	292	15	2700	75	10,00
MV7G4S18T0XX	592-592-292	ePM1>60%	F7	292	18	3400	75	12,00
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
MV8G4S09T0XX	287-592-292	ePM1>75%	F8	292	9	1650	85	6,00
MV8G4S15T0XX	490-592-292	ePM1>75%	F8	292	15	2700	85	10,00
MV8G4S18T0XX	592-592-292	ePM1>75%	F8	292	18	3400	85	12,00
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
MV9G4S09T0XX	287-592-292	ePM1>85%	F9	292	9	1650	95	6,00
MV9G4S15T0XX	490-592-292	ePM1>85%	F9	292	15	2700	95	10,00
MV9G4S18T0XX	592-592-292	ePM1>85%	F9	292	18	3400	95	12,00
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
MV6G4S15T0XX	0287-0592-420	ePM2,5>60%	M6	420	15,00	1650	55	5,00
MV6G4S24T0XX	0490-0592-420	ePM2,5>60%	M6	420	24,00	2700	55	8,50
MV6G4S32T0XX	0592-0592-420	ePM2,5>60%	M6	420	32,00	3400	55	9,00
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
MV7G4S15T0XX	0287-0592-420	ePM1>60%	F7	420	15,00	1650	65	5,00
MV7G4S24T0XX	0490-0592-420	ePM1>60%	F7	420	24,00	2700	65	8,50
MV7G4S32T0XX	0592-0592-420	ePM1>60%	F7	420	32,00	3400	65	9,00
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
MV8G4S15T0XX	0287-0592-420	ePM1>75%	F8	420	15,00	1650	75	5,00
MV8G4S24T0XX	0490-0592-420	ePM1>75%	F8	420	24,00	2700	75	8,50
MV8G4S32T0XX	0592-0592-420	ePM1>75%	F8	420	32,00	3400	75	9,00
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
MV9G4S15T0XX	0287-0592-420	ePM1>85%	F9	420	15,00	1650	85	5,00
MV9G4S24T0XX	0490-0592-420	ePM1>85%	F9	420	24,00	2700	85	8,50
MV9G4S32T0XX	0592-0592-420	ePM1>85%	F9	420	32,00	3400	85	9,00

MULTI-V

High Capacity V-Type Multi Filters



MV9G5R32NOXX-610-610-292



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

FILTER CODE STRUCTURE

Type	MV	MULTI-V	
Class EN 779-2012 Class ISO 16890	9	F9 ePM1	
Frame	G	G: Galvanized T: SS 304	A: Aluminum S: SS 316
Pocket	5	5: 5 Pieces	
Media	R	R: Micro Glass Fibre Y: High Heat (Optional Max. 120 °C)	
Media Area	32	32 m²	
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	0	0: Without Grid 1: Face Grid Air Outlet 2: Both Side with Grid	
Gasket Type	X	X: Without Gasket P: Polyurethane R: Rubber E: EPDM Y: High Heat	
Gasket Direction	X	X: No C: Air Outlet G: Air Inlet	
Size	0610-0610-292		

TECHNICAL SPECIFICATIONS

Class EN 779-2012	M5	M6	F7	F8	F9
Class ISO 16890	ePM10	ePM2,5	ePM1	ePM1	ePM1
Av. Efficiency EN 779-2012	60%	80%	85%	90%	95%
Av. Efficiency ISO 16890	60%	60%	60%	75%	85%
Max. Temperature		80 °C (120 °C option)			
Relative Humidity		100 %			
Rec. Final Pres. Drop		EN 779-2012	450 Pa.		
		ISO 16890	300 Pa.		
Filter Stage		II - III			

MULTI-V 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
MV6G2R08N0XX	0305-0305-292	ePM2,5>60%	M6	292	8	800	60	7,00
MV6G2R16N0XX	0305-0610-292	ePM2,5>60%	M6	292	16	1650	60	11,00
MV6G4R24N0XX	0457-0610-292	ePM2,5>60%	M6	292	24	2700	60	16,00
MV6G5R32N0XX	0610-0610-292	ePM2,5>60%	M6	292	32	3400	60	20,00
MV6G6R40N0XX	0610-0762-292	ePM2,5>60%	M6	292	40	4250	60	28,50
MV6G8R48N0XX	0610-0915-292	ePM2,5>60%	M6	292	48	5100	60	32,50

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
MV7G2R08N0XX	0305-0305-292	ePM1>60%	F7	292	8	800	70	7,00
MV7G2R16N0XX	0305-0610-292	ePM1>60%	F7	292	16	1650	70	11,00
MV7G4R24N0XX	0457-0610-292	ePM1>60%	F7	292	24	2700	70	16,00
MV7G5R32N0XX	0610-0610-292	ePM1>60%	F7	292	32	3400	70	20,00
MV7G6R40N0XX	0610-0762-292	ePM1>60%	F7	292	40	4250	70	28,50
MV7G8R48N0XX	0610-0915-292	ePM1>60%	F7	292	48	5100	70	32,50

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
MV8G2R08N0XX	0305-0305-292	ePM1>75%	F8	292	8	800	80	7,00
MV8G2R16N0XX	0305-0610-292	ePM1>75%	F8	292	16	1650	80	11,00
MV8G4R24N0XX	0457-0610-292	ePM1>75%	F8	292	24	2700	80	16,00
MV8G5R32N0XX	0610-0610-292	ePM1>75%	F8	292	32	3400	80	20,00
MV8G6R40N0XX	0610-0762-292	ePM1>75%	F8	292	40	4250	80	28,50
MV8G8R48N0XX	0610-0915-292	ePM1>75%	F8	292	48	5100	80	32,50

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
MV9G2R08N0XX	0305-0305-292	ePM1>85%	F9	292	8	800	90	7,00
MV9G2R16N0XX	0305-0610-292	ePM1>85%	F9	292	16	1650	90	11,00
MV9G4R24N0XX	0457-0610-292	ePM1>85%	F9	292	24	2700	90	16,00
MV9G5R32N0XX	0610-0610-292	ePM1>85%	F9	292	32	3400	90	20,00
MV9G6R40N0XX	0610-0762-292	ePM1>85%	F9	292	40	4250	90	28,50
MV9G8R48N0XX	0610-0915-292	ePM1>85%	F9	292	48	5100	90	32,50

MULTI-V

High Capacity V-Type Multi Filters



MV9P5R32N0XX-610-610-292



APPLICATIONS

- High capacity, high efficiency absolute air filtration
- Clean room ventilation systems
- Used in microelectronics, food, photography, data centers, hospital, medical equipment industry

FILTER CODE STRUCTURE

Type	MV	MULTI-V
Class EN 779-2012 Class ISO 16890	9	F9 ePM1
Frame	P	P : Plastic
Pocket	5	5 : 5 Pieces
Media	R	R : Micro Glass Fibre Y : High Heat (Optional Max. 120 °C)
Media Area	32	32 m ²
Flange Type	N	N : Without
Surface Grid	0	0 : Without Grid 1 : Face Grid Air Outlet 2 : Both Side with Grid
Gasket Type	X	X : Without Gasket P : Polyurethane R : Rubber E : EPDM Y : High Heat
Gasket Direction	X	X : No C : Air Outlet G : Air Inlet
Size	0610-0610-292	

TECHNICAL SPECIFICATIONS

Class EN 779-2012	M5	M6	F7	F8	F9
Class ISO 16890	ePM10	ePM2,5	ePM1	ePM1	ePM1
Av. Efficiency EN 779-2012	60%	80%	85%	90%	95%
Av. Efficiency ISO 16890	60%	60%	60%	75%	85%
Max. Temperature		80 °C			
Relative Humidity		100 %			
Rec. Final Pres. Drop		EN 779-2012	450 Pa.		
		ISO 16890	300 Pa.		
Filter Stage		II - III			

MULTI-V 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
MV6P2R16N0XX	0305-0610-292	ePM2,5>60%	M6	292	16	1650	60	11,00
MV6P5R32N0XX	0610-0610-292	ePM2,5>60%	M6	292	32	3400	60	20,00
MV6P2R16N0XX	0287-0592-292	ePM2,5>60%	M6	292	16	1650	60	11,00
MV6P5R32N0XX	0592-0592-292	ePM2,5>60%	M6	292	32	3400	60	20,00

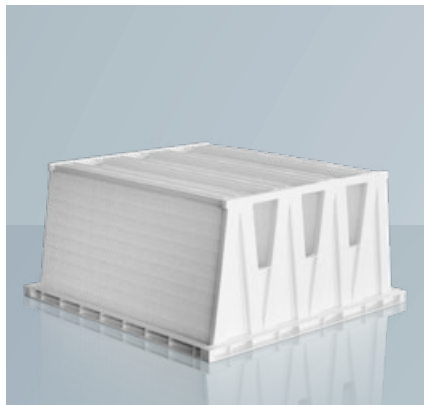
Code	Size W x L x D	Filter Class ISO 16890	Filter Class EN 779-2012	Depth mm	Area m ²	Air Flow m ³ /h	In.Pressure Drop (pa)	Weight kg
MV7P2R16N0XX	0305-0610-292	ePM1>60%	F7	292	16	1650	70	7,00
MV7P5R32N0XX	0610-0610-292	ePM1>60%	F7	292	32	3400	70	11,00
MV7P2R16N0XX	0287-0592-292	ePM1>60%	F7	292	16	1650	70	16,00
MV7P5R32N0XX	0592-0592-292	ePM1>60%	F7	292	32	3400	70	20,00

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
MV8P2R16N0XX	0305-0610-292	ePM1>75%	F8	292	16	1650	80	7,00
MV8P5R32N0XX	0610-0610-292	ePM1>75%	F8	292	32	3400	80	11,00
MV8P2R16N0XX	0287-0592-292	ePM1>75%	F8	292	16	1650	80	16,00
MV8P5R32N0XX	0592-0592-292	ePM1>75%	F8	292	32	3400	80	20,00

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
MV9P2R16N0XX	0305-0610-292	ePM1>85%	F9	292	16	1650	90	7,00
MV9P5R32N0XX	0610-0610-292	ePM1>85%	F9	292	32	3400	90	11,00
MV9P2R16N0XX	0287-0592-292	ePM1>85%	F9	292	16	1650	90	16,00
MV9P5R32N0XX	0592-0592-292	ePM1>85%	F9	292	32	3400	90	20,00

MULTIFIL 420

Rigid Pocket Filters



MF7P4B25AR32XX-0592-0592-420



APPLICATIONS

- High efficiency air filtration
- Reduced dimensions and high flow filter units
- Especially for gas turbine and compressor
- Deep V type increased surface provides high flow rate
- Lower initial pressure drop compared to standard rigid pocket
- Long service and maintenance life

OPTIONS

- Optional seal

FILTER CODE STRUCTURE

Type	MF	MULTIFIL-292
Class EN 779-2012 Class ISO 16890	7	F7 EPM1
Frame	P	Plastic
Pocket Number	4	4 Rigid Pocket
Color	B	B: White S: Black
Flange Thickness	25	25: 25 mm 20: 20 mm
Frame Mold Type	A	A: 25 mm Flange B: 20 mm Flange
Media	R	R: Micro Glass Fibre Y: High Heat Glass Fibre [Max. 120 °C]
Media Area	32	32 m ²
Gasket Type	X	X: Without Gasket P: Polyurethane R: Rubber E: EPDM Y: High Heat
Gasket Direction	X	X: No C: Air Outlet G: Air Inlet W: Both Side
Size		0592-0592-420

TECHNICAL SPECIFICATIONS

Class EN 779-2012	M5	M6	F7	F8	F9
Class ISO 16890	ePM10	ePM2,5	ePM1	ePM1	ePM1
Av. Efficiency EN 779-2012	60%	80%	85%	90%	95%
Av. Efficiency ISO 16890	60%	60%	60%	75%	85%

Max. Temperature	80°C [Optional max. 120 °C]	
Relative Humidity	100 %	
Rec. Final Pres. Drop	EN 779-2012	450 Pa.
	ISO 16890	300 Pa.
Filter Stage	II - III	

MULTIFIL 420 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
MF6P4B25AR16XX	0287-0592-420	ePM2,5>60%	M6	420	15,00	1650	60	5,00
MF6P4B25AR24XX	0490-0592-420	ePM2,5>60%	M6	420	24,00	2700	60	8,50
MF6P4B25AR32XX	0592-0592-420	ePM2,5>60%	M6	420	32,00	3400	60	9,00

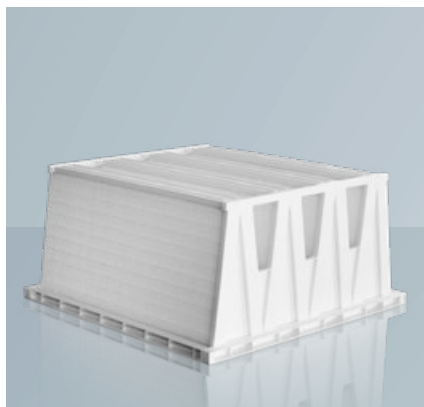
Code	Size W x L x D	Filter Class ISO 16890	Filter Class EN 779-2012	Depth mm	Area m ²	Air Flow m ³ /h	In.Pressure Drop (pa)	Weight kg
MF7P4B25AR16XX	0287-0592-420	ePM1>60%	F7	420	15,00	1650	70	5,00
MF7P4B25AR24XX	0490-0592-420	ePM1>60%	F7	420	24,00	2700	70	8,50
MF7P4B25AR32XX	0592-0592-420	ePM1>60%	F7	420	32,00	3400	70	9,00

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
MF8P4B25AR16XX	0287-0592-420	ePM1>75%	F8	420	15,00	1650	80	5,00
MF8P4B25AR24XX	0490-0592-420	ePM1>75%	F8	420	24,00	2700	80	8,50
MF8P4B25AR32XX	0592-0592-420	ePM1>75%	F8	420	32,00	3400	80	9,00

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
MF9P4B25AR16XX	0287-0592-420	ePM1>85%	F9	420	15,00	1650	90	5,00
MF9P4B25AR24XX	0490-0592-420	ePM1>85%	F9	420	24,00	2700	90	8,50
MF9P4B25AR32XX	0592-0592-420	ePM1>85%	F9	420	32,00	3400	90	9,00

MULTIFIL 420

Rigid Pocket Filters



MF7P4B25AS32XX-0592-0592-420



APPLICATIONS

- High efficiency air filtration
- Reduced dimensions and high flow filter units
- Especially for gas turbine and compressor
- Deep V type increased surface provides high flow rate
- Lower initial pressure drop compared to standard rigid pocket
- Long service and maintenance life

OPTIONS

- Optional seal

FILTER CODE STRUCTURE

Type	MF	MULTIFIL-292
Class EN 779-2012 Class ISO 16890	7	F7 EPM1
Frame	P	Plastic
Pocket Number	4	4 Rigid Pocket
Color	B	B: White S: Black
Flange Thickness	25	25: 25 mm 20: 20 mm
Frame Mold Type	A	A: 25 mm Flange B: 20 mm Flange
Media	S	S: Synthetic Y: High Heat Synthetic (Max. 120 °C)
Media Area	32	32 m ²
Gasket Type	X	X: Without Gasket P: Polyurethane R: Rubber E: EPDM Y: High Heat
Gasket Direction	X	X: No C: Air Outlet G: Air Inlet W: Both Side
Size		0592-0592-420

TECHNICAL SPECIFICATIONS

Class EN 779-2012	M5	M6	F7	F8	F9
Class ISO 16890	ePM10	ePM2,5	ePM1	ePM1	ePM1
Av. Efficiency EN 779-2012	60%	80%	85%	90%	95%
Av. Efficiency ISO 16890	60%	60%	60%	75%	85%

Max. Temperature	80°C (Optional max. 120 °C)	
Relative Humidity	100 %	
Rec. Final Pres. Drop	EN 779-2012	450 Pa.
	ISO 16890	300 Pa.
Filter Stage	II - III	

MULTIFIL 420 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
MF6P4B25AS16XX	0287-0592-420	ePM2,5>60%	M6	420	15,00	1650	55	5,00
MF6P4B25AS24XX	0490-0592-420	ePM2,5>60%	M6	420	24,00	2700	55	8,50
MF6P4B25AS32XX	0592-0592-420	ePM2,5>60%	M6	420	32,00	3400	55	9,00

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
MF7P4B25AS16XX	0287-0592-420	ePM1>60%	F7	420	15,00	1650	65	5,00
MF7P4B25AS24XX	0490-0592-420	ePM1>60%	F7	420	24,00	2700	65	8,50
MF7P4B25AS32XX	0592-0592-420	ePM1>60%	F7	420	32,00	3400	65	9,00

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
MF8P4B25AS16XX	0287-0592-420	ePM1>75%	F8	420	15,00	1650	75	5,00
MF8P4B25AS24XX	0490-0592-420	ePM1>75%	F8	420	24,00	2700	75	8,50
MF8P4B25AS32XX	0592-0592-420	ePM1>75%	F8	420	32,00	3400	75	9,00

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
MF9P4B25AS16XX	0287-0592-420	ePM1>85%	F9	420	15,00	1650	85	5,00
MF9P4B25AS24XX	0490-0592-420	ePM1>85%	F9	420	24,00	2700	85	8,50
MF9P4B25AS32XX	0592-0592-420	ePM1>85%	F9	420	32,00	3400	85	9,00

MULTITUR 292 Gas Turbine Series

Rigid Pocket Filters



MT7P4B25AR21PC-0592-0592-292



APPLICATIONS

- High efficiency air filtration
- Reduced dimensions and high flow filter units
- Especially for gas turbine and compressor
- Air outlet direction wire and gasket

FILTER CODE STRUCTURE

Type	MT	MULTITUR-292
Class EN 779-2012 Class ISO 16890	7	F7 ePM1
Frame	P	Plastic
Pocket Number	4	4 Rigid Pocket
Color	B	B: White S: Black
Flange Thickness	25	25: 25 mm - 20: 20 mm
Frame Mold Type	A	A: 25 mm Flange B: 20 mm Flange C: 25 mm & 20 mm Flange
Media	R	R: Micro Glass Fibre Y: High Heat Glass Fibre (Max. 120 °C)
Media Area	21	21 m ²
Gasket Type	P	X: Without Gasket P: Polyurethane R: Rubber E: EPDM
Gasket Direction	C	X: No C: Air Outlet G: Air Inlet W: Both Side
Size		0592-0592-292

TECHNICAL SPECIFICATIONS

Class EN 779-2012	M5	M6	F7	F8	F9
Class ISO 16890	ePM10	ePM2,5	ePM1	ePM1	ePM1
Av. Efficiency EN 779-2012	60%	80%	85%	90%	95%
Av. Efficiency ISO 16890	60%	60%	60%	75%	85%
Max. Temperature		80°C (Optional max. 120 °C)			
Relative Humidity		100 %			
Rec. Final Pres. Drop		EN 779-2012	450 Pa.		
		ISO 16890	300 Pa.		
Filter Stage		II - III			

MULTITUR292 Gas Turbine 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
MT6P4B25AR11PC	0287-0592-292	ePM2,5>60%	M6	292	11,00	2125	95	4,50
MT6P4B25AR18PC	0490-0592-292	ePM2,5>60%	M6	292	18,00	3500	95	7,00
MT6P4B25AR21PC	0592-0592-292	ePM2,5>60%	M6	292	21,00	4250	95	8,00

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
MT7P4B25AR11PC	0287-0592-292	ePM1>60%	F7	292	11,00	2125	110	4,50
MT7P4B25AR18PC	0490-0592-292	ePM1>60%	F7	292	18,00	3500	110	7,00
MT7P4B25AR21PC	0592-0592-292	ePM1>60%	F7	292	21,00	4250	110	8,00

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
MT8P4B25AR11PC	0287-0592-292	ePM1>75%	F8	292	11,00	2125	125	4,50
MT8P4B25AR18PC	0490-0592-292	ePM1>75%	F8	292	18,00	3500	125	7,00
MT8P4B25AR21PC	0592-0592-292	ePM1>75%	F8	292	21,00	4250	125	8,00

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
MT9P4B25AR11PC	0287-0592-292	ePM1>85%	F9	292	11,00	2125	140	4,50
MT9P4B25AR18PC	0490-0592-292	ePM1>85%	F9	292	18,00	3500	140	7,00
MT9P4B25AR21PC	0592-0592-292	ePM1>85%	F9	292	21,00	4250	140	8,00

MULTITUR 292 Gas Turbine Series

Rigid Pocket Filters



MT7P4B25S21PC-0592-0592-292



APPLICATIONS

- High efficiency air filtration
- Reduced dimensions and high flow filter units
- Especially for gas turbine and compressor
- Air outlet direction wire and gasket

FILTER CODE STRUCTURE

Type	MT	MULTITUR-292
Class EN 779-2012 Class ISO 16890	7	F7 ePM1
Frame	P	Plastic
Pocket Number	4	4 Rigid Pocket
Color	B	B: White S: Black
Flange Thickness	25	25: 25 mm - 20: 20 mm
Frame Mold Type	A	A: 25 mm Flange B: 20 mm Flange C: 25 mm & 20 mm Flange
Media	S	S: Synthetic
Media Area	21	21 m ²
Gasket Type	P	X: Without Gasket P: Polyurethane R: Rubber E: EPDM
Gasket Direction	C	X: No C: Air Outlet G: Air Inlet W: Both Side
Size		0592-0592-292

TECHNICAL SPECIFICATIONS

Class EN 779-2012	M5	M6	F7	F8	F9
Class ISO 16890	ePM10	ePM2,5	ePM1	ePM1	ePM1
Av. Efficiency EN 779-2012	60%	80%	85%	90%	95%
Av. Efficiency ISO 16890	60%	60%	60%	75%	85%
Max. Temperature		80°C			
Relative Humidity		100 %			
Rec. Final Pres. Drop		EN 779-2012	450 Pa.		
		ISO 16890	300 Pa.		
Filter Stage		II - III			

MULTITUR292 Gas Turbine 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
MT6P4B25AS11PC	0287-0592-292	ePM2,5>60%	M6	292	11,00	2125	85	4,50
MT6P4B25AS18PC	0490-0592-292	ePM2,5>60%	M6	292	18,00	3500	85	7,00
MT6P4B25AS21PC	0592-0592-292	ePM2,5>60%	M6	292	21,00	4250	85	8,00

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
MT7P4B25AS11PC	0287-0592-292	ePM1>60%	F7	292	11,00	2125	100	4,50
MT7P4B25AS18PC	0490-0592-292	ePM1>60%	F7	292	18,00	3500	100	7,00
MT7P4B25AS21PC	0592-0592-292	ePM1>60%	F7	292	21,00	4250	100	8,00

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
MT8P4B25AS11PC	0287-0592-292	ePM1>75%	F8	292	11,00	2125	110	4,50
MT8P4B25AS18PC	0490-0592-292	ePM1>75%	F8	292	18,00	3500	110	7,00
MT8P4B25AS21PC	0592-0592-292	ePM1>75%	F8	292	21,00	4250	110	8,00

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
MT9P4B25AS11PC	0287-0592-292	ePM1>85%	F9	292	11,00	2125	125	4,50
MT9P4B25AS18PC	0490-0592-292	ePM1>85%	F9	292	18,00	3500	125	7,00
MT9P4B25AS21PC	0592-0592-292	ePM1>85%	F9	292	21,00	4250	125	8,00

MULTITUR 420 Gas Turbine Series

Rigid Pocket Filters



MT8P4B25AR32PC-0592-0592-420



APPLICATIONS

- High efficiency air filtration
- Reduced dimensions and high flow filter units
- Especially for gas turbine and compressor
- Deep V type increased surface provides high flow rate
- Lower initial pressure drop compared to standard rigid pocket
- Air outlet direction wire and gasket

FILTER CODE STRUCTURE

Type	MT	MULTITUR-420
Class EN 779-2012 Class ISO 16890	8	F8 ePM1
Frame	P	Plastic
Pocket Number	4	4 Rigid Pocket
Color	B	B: White S: Black
Flange Thickness	25	20: 20 mm 25: 25 mm
Frame Mold Type	A	A: 25 mm Flange B: 20 mm Flange C: 25 mm & 20 mm Flange
Media	R	R: Micro Glass Fibre Y: High Heat Glass Fibre [Max. 120 °C]
Media Area	32	32 m ²
Gasket Type	P	X: Without Gasket P: Polyurethane R: Rubber E: EPDM
Gasket Direction	C	X: No C: Air Outlet G: Air Inlet W: Both Side
Size		0592-0592-420

TECHNICAL SPECIFICATIONS

Class EN 779-2012	M5	M6	F7	F8	F9
Class ISO 16890	ePM10	ePM2,5	ePM1	ePM1	ePM1
Av. Efficiency EN 779-2012	60%	80%	85%	90%	95%
Av. Efficiency ISO 16890	60%	60%	60%	75%	85%
Max. Temperature		80°C			
Relative Humidity		100 %			
Rec. Final Pres. Drop		EN 779-2012	450 Pa.		
		ISO 16890	300 Pa.		
Filter Stage		II - III			

MULTITUR 420 Gas Turbine 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
MT6P4B25AR16PC	0287-0592-420	ePM2,5>60%	M6	420	16,00	2125	70	5,00
MT6P4B25AR25PC	0490-0592-420	ePM2,5>60%	M6	420	24,00	3500	70	8,50
MT6P4B25AR32PC	0592-0592-420	ePM2,5>60%	M6	420	32,00	4250	70	9,00

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
MT7P4B25AR16PC	0287-0592-420	ePM1>60%	F7	420	16,00	2125	80	5,00
MT7P4B25AR25PC	0490-0592-420	ePM1>60%	F7	420	24,00	3500	80	8,50
MT7P4B25AR32PC	0592-0592-420	ePM1>60%	F7	420	32,00	4250	80	9,00

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
MT8P4B25AR16PC	0287-0592-420	ePM1>75%	F8	420	16,00	2125	95	5,00
MT8P4B25AR25PC	0490-0592-420	ePM1>75%	F8	420	24,00	3500	95	8,50
MT8P4B25AR32PC	0592-0592-420	ePM1>75%	F8	420	32,00	4250	95	9,00

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
MT9P4B25AR16PC	0287-0592-420	ePM1>85%	F9	420	16,00	2125	110	5,00
MT9P4B25AR25PC	0490-0592-420	ePM1>85%	F9	420	24,00	3500	110	8,50
MT9P4B25AR32PC	0592-0592-420	ePM1>85%	F9	420	32,00	4250	110	9,00

MULTITUR 420 Gas Turbine Series

Rigid Pocket Filters



MT08P4B25S32PC-0592-0592-420



APPLICATIONS

- High efficiency air filtration
- Reduced dimensions and high flow filter units
- Especially for gas turbine and compressor
- Deep V type increased surface provides high flow rate
- Lower initial pressure drop compared to standard rigid pocket
- Air outlet direction wire and gasket

FILTER CODE STRUCTURE

Type	MT	MULTITUR-420
Class EN 779-2012 Class ISO 16890	8	F8 ePM1
Frame	P	Plastic
Pocket Number	4	4 Rigid Pocket
Color	B	B: White S: Black
Flange Thickness	25	20: 20 mm 25: 25 mm
Frame Mold Type	A	A: 25 mm Flange B: 20 mm Flange C: 25 mm & 20 mm Flange
Media	S	S: Synthetic
Media Area	32	32 m ²
Gasket Type	P	X: Without Gasket P: Polyurethane R: Rubber E: EPDM
Gasket Direction	C	X: No C: Air Outlet G: Air Inlet W: Both Side
Size		0592-0592-420

TECHNICAL SPECIFICATIONS

Class EN 779-2012	M5	M6	F7	F8	F9
Class ISO 16890	ePM10	ePM2,5	ePM1	ePM1	ePM1
Av. Efficiency EN 779-2012	60%	80%	85%	90%	95%
Av. Efficiency ISO 16890	60%	60%	60%	75%	85%
Max. Temperature		80°C			
Relative Humidity		100 %			
Rec. Final Pres. Drop		EN 779-2012	450 Pa.		
		ISO 16890	300 Pa.		
Filter Stage		II - III			

MULTITUR 420 Gas Turbine 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
MT06P4B25S16PC	0287-0592-420	ePM2,5>60%	M6	420	16,00	2125	60	5,00
MT06P4B25S25PC	0490-0592-420	ePM2,5>60%	M6	420	24,00	3500	60	8,50
MT06P4B25S32PC	0592-0592-420	ePM2,5>60%	M6	420	32,00	4250	60	9,00

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
MT07P4B25S16PC	0287-0592-420	ePM1>60%	F7	420	16,00	2125	70	5,00
MT07P4B25S25PC	0490-0592-420	ePM1>60%	F7	420	24,00	3500	70	8,50
MT07P4B25S32PC	0592-0592-420	ePM1>60%	F7	420	32,00	4250	70	9,00

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
MT08P4B25S16PC	0287-0592-420	ePM1>75%	F8	420	16,00	2125	85	5,00
MT08P4B25S25PC	0490-0592-420	ePM1>75%	F8	420	24,00	3500	85	8,50
MT08P4B25S32PC	0592-0592-420	ePM1>75%	F8	420	32,00	4250	85	9,00

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
MT09P4B25RS6PC	0287-0592-420	ePM1>85%	F9	420	16,00	2125	100	5,00
MT09P4B25S25PC	0490-0592-420	ePM1>85%	F9	420	24,00	3500	100	8,50
MT09P4B25S32PC	0592-0592-420	ePM1>85%	F9	420	32,00	4250	100	9,00

ABSOLUTE FILTERS

AIR FILTRATION
& AIR QUALITY



AIR FILTERS

INTERNATIONAL CLASSIFICATION

EN 1822

Group	EN 1822				Integral Value of Efficiency in the MPPS in %	Integral Value of Penetration in the MPPS in %	Local Value of Efficiency in the MPPS in %	Local Value of Penetration in the MPPS in %	Local Value of Efficiency in the MPPS in %
Suspended	E	E10	MERV 16	600	≥ 85	≥ 15	-	-	-
		E11	NA	600	≥ 95	≥ 5	-	-	-
		E12	NA	600	≥ 99.5	≥ 0.5	-	-	-
	H	H13	NA	600	≥ 99.95	≥ 0.05	≥ 99.75	≥ 0.25	≥ 99.75
		H14	NA	600	≥ 99.995	≥ 0.005	≥ 99.975	≥ 0.025	≥ 99.975
	U	U15	NA	600	≥ 99.9995	≥ 0.0005	≥ 99.9975	≥ 0.0025	≥ 99.9975
		U16	NA	600	≥ 99.99995	≥ 0.00005	≥ 99.99975	≥ 0.00025	≥ 99.99975
		U17	NA	600	≥ 99.999995	≥ 0.000005	≥ 99.9999	≥ 0.0001	≥ 99.9999



TURBULENT FLOW ABSOLUTE FILTERS

LAMINAR FLOW ABSOLUTE FILTERS

HEPA TERMINAL HOOD FILTERS

GEL GASKET HEPA FILTERS

HIGH CAPACITY V-TYPE HEPA FILTERS

HIGHT TEMPERATURE RESISTANCE HEPA FILTERS

HEPALAM-69-ARK

Laminar Flow Absolute Filters



HL12ARK2PG-0610-0610-069

FILTER CODE STRUCTURE

Type	HL	HEPALAM-69
Class EN 1822	12	E12
Frame	A	A: Aluminum
Media	R	R: Micro Glass Fibre Y: High Heat (Max. 120 °C)
Pleat Depth	K	K: 48 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	0610-0610-069	

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-69-ARK 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
HL10ARK2PG	0305-0305-069	E10	69	2,40	150	60	1,10
HL10ARK2PG	0305-0610-069	E10	69	5,00	300	60	2,25
HL10ARK2PG	0457-0457-069	E10	69	5,50	350	60	2,50
HL10ARK2PG	0457-0610-069	E10	69	7,50	450	60	3,35
HL10ARK2PG	0610-0610-069	E10	69	10,00	600	60	4,30
HL10ARK2PG	0610-0762-069	E10	69	12,20	750	60	5,55
HL10ARK2PG	0610-0915-069	E10	69	15,00	900	60	6,65
HL10ARK2PG	0610-1220-069	E10	69	20,00	1200	60	9,00

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
HL11ARK2PG	0305-0305-069	E11	69	2,40	150	70	1,10
HL11ARK2PG	0305-0610-069	E11	69	5,00	300	70	2,25
HL11ARK2PG	0457-0457-069	E11	69	5,50	350	70	2,50
HL11ARK2PG	0457-0610-069	E11	69	7,50	450	70	3,35
HL11ARK2PG	0610-0610-069	E11	69	10,00	600	70	4,30
HL11ARK2PG	0610-0762-069	E11	69	12,20	750	70	5,55
HL11ARK2PG	0610-0915-069	E11	69	15,00	900	70	6,65
HL11ARK2PG	0610-1220-069	E11	69	20,00	1200	70	9,00

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
HL12ARK2PG	0305-0305-069	E12	69	2,40	150	100	1,10
HL12ARK2PG	0305-0610-069	E12	69	5,00	300	100	2,25
HL12ARK2PG	0457-0457-069	E12	69	5,50	350	100	2,50
HL12ARK2PG	0457-0610-069	E12	69	7,50	450	100	3,35
HL12ARK2PG	0610-0610-069	E12	69	10,00	600	100	4,30
HL12ARK2PG	0610-0762-069	E12	69	12,20	750	100	5,55
HL12ARK2PG	0610-0915-069	E12	69	15,00	900	100	6,65
HL12ARK2PG	0610-1220-069	E12	69	20,00	1200	100	9,00

HEPALAM-69-ARK

Laminar Flow Absolute Filters



HL13ARK2PG-0610-0610-069

FILTER CODE STRUCTURE

Type	HL	HEPALAM-69
Class EN1822	13	H13
Frame	A	A: Aluminum
Media	R	R: Micro Glass Fibre Y: High Heat (Max. 120 °C)
Pleat Depth	K	K: 48 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		0610-0610-069

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-69-ARK 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
HL13ARK2PG	0305-0305-069	H13	69	2,40	150	110	1,10
HL13ARK2PG	0305-0610-069	H13	69	5,00	300	110	2,25
HL13ARK2PG	0457-0457-069	H13	69	5,50	350	110	2,50
HL13ARK2PG	0457-0610-069	H13	69	7,50	450	110	3,35
HL13ARK2PG	0610-0610-069	H13	69	10,00	600	110	4,30
HL13ARK2PG	0610-0762-069	H13	69	12,20	750	110	5,55
HL13ARK2PG	0610-0915-069	H13	69	15,00	900	110	6,65
HL13ARK2PG	0610-1220-069	H13	69	20,00	1200	110	9,00

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
HL14ARK2PG	0305-0305-069	H14	69	2,40	150	125	1,10
HL14ARK2PG	0305-0610-069	H14	69	5,00	300	125	2,25
HL14ARK2PG	0457-0457-069	H14	69	5,50	350	125	2,50
HL14ARK2PG	0457-0610-069	H14	69	7,50	450	125	3,35
HL14ARK2PG	0610-0610-069	H14	69	10,00	600	125	4,30
HL14ARK2PG	0610-0762-069	H14	69	12,20	750	125	5,55
HL14ARK2PG	0610-0915-069	H14	69	15,00	900	125	6,65
HL14ARK2PG	0610-1220-069	H14	69	20,00	1200	125	9,00

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
HL15ARK2PG	0305-0305-069	U15	69	2,40	150	140	1,10
HL15ARK2PG	0305-0610-069	U15	69	5,00	300	140	2,25
HL15ARK2PG	0457-0457-069	U15	69	5,50	350	140	2,50
HL15ARK2PG	0457-0610-069	U15	69	7,50	450	140	3,35
HL15ARK2PG	0610-0610-069	U15	69	10,00	600	140	4,30
HL15ARK2PG	0610-0762-069	U15	69	12,20	750	140	5,55
HL15ARK2PG	0610-0915-069	U15	69	15,00	900	140	6,65
HL15ARK2PG	0610-1220-069	U15	69	20,00	1200	140	9,00

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 EN 1822	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 EN 1822	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 EN 1822	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	13	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

HEPALAM-90-ARM

Laminar Flow Absolute Filters



HL11ARM2PG-0610-0610-90

FILTER CODE STRUCTURE

Type	HL	HEPALAM-90
Class EN1822	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	0610-0610-90	

APPLICATIONS

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

TECHNICAL SPECIFICATIONS

Class EN1822	E10	E11	E12
Av. Efficiency EN1822	≥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-90-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
HL10ARM2PG	0305-0305-090	E10	90	2,80	150	60	1,85
HL10ARM2PG	0305-0610-090	E10	90	5,50	300	60	3,50
HL10ARM2PG	0457-0457-090	E10	90	6,00	350	60	4,25
HL10ARM2PG	0457-0610-090	E10	90	8,00	450	60	6,50
HL10ARM2PG	0610-0610-090	E10	90	10,50	600	60	6,80
HL10ARM2PG	0610-0762-090	E10	90	13,00	750	60	8,50
HL10ARM2PG	0610-0915-090	E10	90	15,50	900	60	10,00
HL10ARM2PG	0610-1220-090	E10	90	21,00	1200	60	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
HL11ARM2PG	0305-0305-090	E11	90	2,80	150	70	1,85
HL11ARM2PG	0305-0610-090	E11	90	5,50	300	70	3,50
HL11ARM2PG	0457-0457-090	E11	90	6,00	350	70	4,25
HL11ARM2PG	0457-0610-090	E11	90	8,00	450	70	6,50
HL11ARM2PG	0610-0610-090	E11	90	10,50	600	70	6,80
HL11ARM2PG	0610-0762-090	E11	90	13,00	750	70	8,50
HL11ARM2PG	0610-0915-090	E11	90	15,50	900	70	10,00
HL11ARM2PG	0610-1220-090	E11	90	21,00	1200	70	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
HL12ARM2PG	0305-0305-090	E12	90	2,80	150	100	1,85
HL12ARM2PG	0305-0610-090	E12	90	5,50	300	100	3,50
HL12ARM2PG	0457-0457-090	E12	90	6,00	350	100	4,25
HL12ARM2PG	0457-0610-090	E12	90	8,00	450	100	6,50
HL12ARM2PG	0610-0610-090	E12	90	10,50	600	100	6,80
HL12ARM2PG	0610-0762-090	E12	90	13,00	750	100	8,50
HL12ARM2PG	0610-0915-090	E12	90	15,50	900	100	10,00
HL12ARM2PG	0610-1220-090	E12	90	21,00	1200	100	12,50

HEPALAM-90-ARM

Laminar Flow Absolute Filters



HL13ARM2PG-0610-0610-90

FILTER CODE STRUCTURE

Type	HL	HEPALAM-90
Class EN1822	13	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		0610-0610-90

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-90-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	0305-0305-090	H13	90	2,80	150	110	1,85
HL13ARM2PG	0305-0610-090	H13	90	5,50	300	110	3,50
HL13ARM2PG	0457-0457-090	H13	90	6,00	350	110	4,25
HL13ARM2PG	0457-0610-090	H13	90	8,00	450	110	6,50
HL13ARM2PG	0610-0610-090	H13	90	10,50	600	110	6,80
HL13ARM2PG	0610-0762-090	H13	90	13,00	750	110	8,50
HL13ARM2PG	0610-0915-090	H13	90	15,50	900	110	10,00
HL13ARM2PG	0610-1220-090	H13	90	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	0305-0305-090	H14	90	2,80	150	125	1,85
HL14ARM2PG	0305-0610-090	H14	90	5,50	300	125	3,50
HL14ARM2PG	0457-0457-090	H14	90	6,00	350	125	4,25
HL14ARM2PG	0457-0610-090	H14	90	8,00	450	125	6,50
HL14ARM2PG	0610-0610-090	H14	90	10,50	600	125	6,80
HL14ARM2PG	0610-0762-090	H14	90	13,00	750	125	8,50
HL14ARM2PG	0610-0915-090	H14	90	15,50	900	125	10,00
HL14ARM2PG	0610-1220-090	H14	90	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	0305-0305-090	U15	90	2,80	150	140	1,85
HL15ARM2PG	0305-0610-090	U15	90	5,50	300	140	3,50
HL15ARM2PG	0457-0457-090	U15	90	6,00	350	140	4,25
HL15ARM2PG	0457-0610-090	U15	90	8,00	450	140	6,50
HL15ARM2PG	0610-0610-090	U15	90	10,50	600	140	6,80
HL15ARM2PG	0610-0762-090	U15	90	13,00	750	140	8,50
HL15ARM2PG	0610-0915-090	U15	90	15,50	900	140	10,00
HL15ARM2PG	0610-1220-090	U15	90	21,00	1200	140	12,50

HEPALAM-90-ARN

Laminar Flow Absolute Filters



HL11ARN2PG-0610-0610-90

FILTER CODE STRUCTURE

Type	HL	HEPALAM-90		
Class EN 1822	11	E11		
Frame	A	A: Aluminum		
Media	R	R: Micro Glass Fibre Y: High Heat (Max. 120 °C)		
Pleat Depth	N	K: 48 mm	M: 58 mm	N: 75 mm
Surface Grid	2	0: Without Grid 1: Face Grid Air Outlet 2: Both Side with Grid		
Gasket Type	P	X: Without Gasket R: Rubber Y: High Heat	P: Polyurethane E: EPDM	
Gasket Direction	G	X: No C: Air Outlet G: Air Inlet W: Both Side		
Size		0610-0610-90		

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-90-ARN 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
HL10ARN2PG	0305-0305-090	E10	90	3,00	150	55	1,85
HL10ARN2PG	0305-0610-090	E10	90	6,00	300	55	3,50
HL10ARN2PG	0457-0457-090	E10	90	6,50	350	55	4,25
HL10ARN2PG	0457-0610-090	E10	90	8,75	450	55	6,50
HL10ARN2PG	0610-0610-090	E10	90	11,75	600	55	6,80
HL10ARN2PG	0610-0762-090	E10	90	14,50	750	55	8,50
HL10ARN2PG	0610-0915-090	E10	90	17,00	900	55	10,00
HL10ARN2PG	0610-1220-090	E10	90	23,00	1200	55	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
HL11ARN2PG	0305-0305-090	E11	90	3,00	150	65	1,85
HL11ARN2PG	0305-0610-090	E11	90	6,00	300	65	3,50
HL11ARN2PG	0457-0457-090	E11	90	6,50	350	65	4,25
HL11ARN2PG	0457-0610-090	E11	90	8,75	450	65	6,50
HL11ARN2PG	0610-0610-090	E11	90	11,75	600	65	6,80
HL11ARN2PG	0610-0762-090	E11	90	14,50	750	65	8,50
HL11ARN2PG	0610-0915-090	E11	90	17,00	900	65	10,00
HL11ARN2PG	0610-1220-090	E11	90	23,00	1200	65	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
HL12ARN2PG	0305-0305-090	E12	90	3,00	150	90	1,85
HL12ARN2PG	0305-0610-090	E12	90	6,00	300	90	3,50
HL12ARN2PG	0457-0457-090	E12	90	6,50	350	90	4,25
HL12ARN2PG	0457-0610-090	E12	90	8,75	450	90	6,50
HL12ARN2PG	0610-0610-090	E12	90	11,75	600	90	6,80
HL12ARN2PG	0610-0762-090	E12	90	14,50	750	90	8,50
HL12ARN2PG	0610-0915-090	E12	90	17,00	900	90	10,00
HL12ARN2PG	0610-1220-090	E12	90	23,00	1200	90	12,50

HEPALAM-90-ARN

Laminar Flow Absolute Filters



HL13ARN2PG-0610-0610-90

FILTER CODE STRUCTURE

Type	HL	HEPALAM-90		
Class EN1822	13	H13		
Frame	A	A: Aluminum		
Media	R	R: Micro Glass Fibre Y: High Heat (Max. 120 °C)		
Pleat Depth	N	K: 48 mm	M: 58 mm	N: 75 mm
Surface Grid	2	0: Without Grid 1: Face Grid Air Outlet 2: Both Side with Grid		
Gasket Type	P	X: Without Gasket R: Rubber Y: High Heat	P: Polyurethane E: EPDM	
Gasket Direction	G	X: No C: Air Outlet G: Air Inlet W: Both Side		
Size		0610-0610-90		

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-90-ARN 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
HL13ARN2PG	0305-0305-090	H13	90	3,00	150	100	1,85
HL13ARN2PG	0305-0610-090	H13	90	6,00	300	100	3,50
HL13ARN2PG	0457-0457-090	H13	90	6,50	350	100	4,25
HL13ARN2PG	0457-0610-090	H13	90	8,75	450	100	6,50
HL13ARN2PG	0610-0610-090	H13	90	11,75	600	100	6,80
HL13ARN2PG	0610-0762-090	H13	90	14,50	750	100	8,50
HL13ARN2PG	0610-0915-090	H13	90	17,00	900	100	10,00
HL13ARN2PG	0610-1220-090	H13	90	23,00	1200	100	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
HL14ARN2PG	0305-0305-090	H14	90	3,00	150	115	1,85
HL14ARN2PG	0305-0610-090	H14	90	6,00	300	115	3,50
HL14ARN2PG	0457-0457-090	H14	90	6,50	350	115	4,25
HL14ARN2PG	0457-0610-090	H14	90	8,75	450	115	6,50
HL14ARN2PG	0610-0610-090	H14	90	11,75	600	115	6,80
HL14ARN2PG	0610-0762-090	H14	90	14,50	750	115	8,50
HL14ARN2PG	0610-0915-090	H14	90	17,00	900	115	10,00
HL14ARN2PG	0610-1220-090	H14	90	23,00	1200	115	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
HL15ARN2PG	0305-0305-090	U15	90	3,00	150	130	1,85
HL15ARN2PG	0305-0610-090	U15	90	6,00	300	130	3,50
HL15ARN2PG	0457-0457-090	U15	90	6,50	350	130	4,25
HL15ARN2PG	0457-0610-090	U15	90	8,75	450	130	6,50
HL15ARN2PG	0610-0610-090	U15	90	11,75	600	130	6,80
HL15ARN2PG	0610-0762-090	U15	90	14,50	750	130	8,50
HL15ARN2PG	0610-0915-090	U15	90	17,00	900	130	10,00
HL15ARN2PG	0610-1220-090	U15	90	23,00	1200	130	12,50

HEPALAM-110-ARM

Laminar Flow Absolute Filters



HL12ARM2PG-0610-0610-110

FILTER CODE STRUCTURE

Type	HL	HEPALAM		
Class EN1822	12	E12		
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	N: 75 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	0610-0610-110			

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-110-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
HL10ARM2PG	0305-0305-110	E10	110	2,80	150	60	1,85
HL10ARM2PG	0305-0610-110	E10	110	5,50	300	60	3,50
HL10ARM2PG	0457-0457-110	E10	110	6,00	350	60	4,25
HL10ARM2PG	0457-0610-110	E10	110	8,00	450	60	6,50
HL10ARM2PG	0610-0610-110	E10	110	10,50	600	60	6,80
HL10ARM2PG	0610-0762-110	E10	110	13,00	750	60	8,50
HL10ARM2PG	0610-0915-110	E10	110	15,50	900	60	10,00
HL10ARM2PG	0610-1220-110	E10	110	21,00	1200	60	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
HL11ARM2PG	0305-0305-110	E11	110	2,80	150	70	1,85
HL11ARM2PG	0305-0610-110	E11	110	5,50	300	70	3,50
HL11ARM2PG	0457-0457-110	E11	110	6,00	350	70	4,25
HL11ARM2PG	0457-0610-110	E11	110	8,00	450	70	6,50
HL11ARM2PG	0610-0610-110	E11	110	10,50	600	70	6,80
HL11ARM2PG	0610-0762-110	E11	110	13,00	750	70	8,50
HL11ARM2PG	0610-0915-110	E11	110	15,50	900	70	10,00
HL11ARM2PG	0610-1220-110	E11	110	21,00	1200	70	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
HL12ARM2PG	0305-0305-110	E12	110	2,80	150	100	1,85
HL12ARM2PG	0305-0610-110	E12	110	5,50	300	100	3,50
HL12ARM2PG	0457-0457-110	E12	110	6,00	350	100	4,25
HL12ARM2PG	0457-0610-110	E12	110	8,00	450	100	6,50
HL12ARM2PG	0610-0610-110	E12	110	10,50	600	100	6,80
HL12ARM2PG	0610-0762-110	E12	110	13,00	750	100	8,50
HL12ARM2PG	0610-0915-110	E12	110	15,50	900	100	10,00
HL12ARM2PG	0610-1220-110	E12	110	21,00	1200	100	12,50

HEPALAM-110-ARM

Laminar Flow Absolute Filters



HL13ARM2PG-0610-0610-110

FILTER CODE STRUCTURE

Type	HL	HEPALAM
Class EN 1822	13	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 N: 75 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	0610-0610-110	

APPLICATIONS

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

TECHNICAL SPECIFICATIONS

Class EN 1822	H13	H14	U15
Av. Efficiency EN 1822	≥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-110-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	0305-0305-110	H13	110	2,80	150	110	1,85
HL13ARM2PG	0305-0610-110	H13	110	5,50	300	110	3,50
HL13ARM2PG	0457-0457-110	H13	110	6,00	350	110	4,25
HL13ARM2PG	0457-0610-110	H13	110	8,00	450	110	6,50
HL13ARM2PG	0610-0610-110	H13	110	10,50	600	110	6,80
HL13ARM2PG	0610-0762-110	H13	110	13,00	750	110	8,50
HL13ARM2PG	0610-0915-110	H13	110	15,50	900	110	10,00
HL13ARM2PG	0610-1220-110	H13	110	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	0305-0305-110	H14	110	2,80	150	125	1,85
HL14ARM2PG	0305-0610-110	H14	110	5,50	300	125	3,50
HL14ARM2PG	0457-0457-110	H14	110	6,00	350	125	4,25
HL14ARM2PG	0457-0610-110	H14	110	8,00	450	125	6,50
HL14ARM2PG	0610-0610-110	H14	110	10,50	600	125	6,80
HL14ARM2PG	0610-0762-110	H14	110	13,00	750	125	8,50
HL14ARM2PG	0610-0915-110	H14	110	15,50	900	125	10,00
HL14ARM2PG	0610-1220-110	H14	110	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	0305-0305-110	U15	110	2,80	150	140	1,85
HL15ARM2PG	0305-0610-110	U15	110	5,50	300	140	3,50
HL15ARM2PG	0457-0457-110	U15	110	6,00	350	140	4,25
HL15ARM2PG	0457-0610-110	U15	110	8,00	450	140	6,50
HL15ARM2PG	0610-0610-110	U15	110	10,50	600	140	6,80
HL15ARM2PG	0610-0762-110	U15	110	13,00	750	140	8,50
HL15ARM2PG	0610-0915-110	U15	110	15,50	900	140	10,00
HL15ARM2PG	0610-1220-110	U15	110	21,00	1200	140	12,50

HEPALAM-110-ARN

Laminar Flow Absolute Filters



HL12ARN2PG-0610-0610-110

FILTER CODE STRUCTURE

Type	HL	HEPALAM		
Class EN1822	12	E12		
Frame	A	A: Aluminum		
Media	R	R: Micro Glass Fibre Y: High Heat (Max. 120 °C)		
Pleat Depth	N	K: 48 mm	M: 58 mm	N: 75 mm
Surface Grid	2	0: Without Grid 1: Face Grid Air Outlet 2: Both Side with Grid		
Gasket Type	P	X: Without Gasket R: Rubber Y: High Heat	P: Polyurethane E: EPDM	
Gasket Direction	G	X: No C: Air Outlet G: Air Inlet W: Both Side		
Size	0610-0610-110			

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-110-ARN 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
HL10ARN2PG	0305-0305-110	E10	110	3,90	150	50	1,85
HL10ARN2PG	0305-0610-110	E10	110	7,75	300	50	3,50
HL10ARN2PG	0457-0457-110	E10	110	8,40	350	50	4,25
HL10ARN2PG	0457-0610-110	E10	110	11,30	450	50	6,50
HL10ARN2PG	0610-0610-110	E10	110	15,20	600	50	6,80
HL10ARN2PG	0610-0762-110	E10	110	18,75	750	50	8,50
HL10ARN2PG	0610-0915-110	E10	110	22,00	900	50	10,00
HL10ARN2PG	0610-1220-110	E10	110	29,75	1200	50	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
HL11ARN2PG	0305-0305-110	E11	110	3,90	150	60	1,85
HL11ARN2PG	0305-0610-110	E11	110	7,75	300	60	3,50
HL11ARN2PG	0457-0457-110	E11	110	8,40	350	60	4,25
HL11ARN2PG	0457-0610-110	E11	110	11,30	450	60	6,50
HL11ARN2PG	0610-0610-110	E11	110	15,20	600	60	6,80
HL11ARN2PG	0610-0762-110	E11	110	18,75	750	60	8,50
HL11ARN2PG	0610-0915-110	E11	110	22,00	900	60	10,00
HL11ARN2PG	0610-1220-110	E11	110	29,75	1200	60	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
HL12ARN2PG	0305-0305-110	E12	110	3,90	150	85	1,85
HL12ARN2PG	0305-0610-110	E12	110	7,75	300	85	3,50
HL12ARN2PG	0457-0457-110	E12	110	8,40	350	85	4,25
HL12ARN2PG	0457-0610-110	E12	110	11,30	450	85	6,50
HL12ARN2PG	0610-0610-110	E12	110	15,20	600	85	6,80
HL12ARN2PG	0610-0762-110	E12	110	18,75	750	85	8,50
HL12ARN2PG	0610-0915-110	E12	110	22,00	900	85	10,00
HL12ARN2PG	0610-1220-110	E12	110	29,75	1200	85	12,50

HEPALAM-110-ARN

Laminar Flow Absolute Filters



HL13ARN2PG-0610-0610-110

FILTER CODE STRUCTURE

Type	HL	HEPALAM
Class EN 1822	13	H13
Frame	A	A: Aluminum
Media	R	R: Micro Glass Fibre Y: High Heat (Max. 120 °C)
Pleat Depth	N	K: 48 mm M: 58 mm N: 75 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	0610-0610-110	

APPLICATIONS

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

TECHNICAL SPECIFICATIONS

Class EN 1822	H13	H14	U15
Av. Efficiency EN 1822	≥ 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-110-ARN 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
HL13ARN2PG	0305-0305-110	H13	110	3,90	150	95	1,85
HL13ARN2PG	0305-0610-110	H13	110	7,75	300	95	3,50
HL13ARN2PG	0457-0457-110	H13	110	8,40	350	95	4,25
HL13ARN2PG	0457-0610-110	H13	110	11,30	450	95	6,50
HL13ARN2PG	0610-0610-110	H13	110	15,20	600	95	6,80
HL13ARN2PG	0610-0762-110	H13	110	18,75	750	95	8,50
HL13ARN2PG	0610-0915-110	H13	110	22,00	900	95	10,00
HL13ARN2PG	0610-1220-110	H13	110	29,75	1200	95	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
HL14ARN2PG	0305-0305-110	H14	110	3,90	150	110	1,85
HL14ARN2PG	0305-0610-110	H14	110	7,75	300	110	3,50
HL14ARN2PG	0457-0457-110	H14	110	8,40	350	110	4,25
HL14ARN2PG	0457-0610-110	H14	110	11,30	450	110	6,50
HL14ARN2PG	0610-0610-110	H14	110	15,20	600	110	6,80
HL14ARN2PG	0610-0762-110	H14	110	18,75	750	110	8,50
HL14ARN2PG	0610-0915-110	H14	110	22,00	900	110	10,00
HL14ARN2PG	0610-1220-110	H14	110	29,75	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
HL15ARN2PG	0305-0305-110	U15	110	3,90	150	125	1,85
HL15ARN2PG	0305-0610-110	U15	110	7,75	300	125	3,50
HL15ARN2PG	0457-0457-110	U15	110	8,40	350	125	4,25
HL15ARN2PG	0457-0610-110	U15	110	11,30	450	125	6,50
HL15ARN2PG	0610-0610-110	U15	110	15,20	600	125	6,80
HL15ARN2PG	0610-0762-110	U15	110	18,75	750	125	8,50
HL15ARN2PG	0610-0915-110	U15	110	22,00	900	125	10,00
HL15ARN2PG	0610-1220-110	U15	110	29,75	1200	125	12,50

HEPALAM-125-ARM

Laminar Flow Absolute Filters



HL11ARM2PG-0610-0610-125

FILTER CODE STRUCTURE

Type	HL	HEPALAM
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 N: 75 mm L: 100 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	0610-0610-125	

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-125-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
HL10ARM2PG	0305-0305-125	E10	125	2,80	150	60	1,85
HL10ARM2PG	0305-0610-125	E10	125	5,50	300	60	3,50
HL10ARM2PG	0457-0457-125	E10	125	6,00	350	60	4,25
HL10ARM2PG	0457-0610-125	E10	125	8,00	450	60	6,50
HL10ARM2PG	0610-0610-125	E10	125	10,50	600	60	6,80
HL10ARM2PG	0610-0762-125	E10	125	13,00	750	60	8,50
HL10ARM2PG	0610-0915-125	E10	125	15,50	900	60	10,00
HL10ARM2PG	0610-1220-125	E10	125	21,00	1200	60	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
HL11ARM2PG	0305-0305-125	E11	125	2,80	150	70	1,85
HL11ARM2PG	0305-0610-125	E11	125	5,50	300	70	3,50
HL11ARM2PG	0457-0457-125	E11	125	6,00	350	70	4,25
HL11ARM2PG	0457-0610-125	E11	125	8,00	450	70	6,50
HL11ARM2PG	0610-0610-125	E11	125	10,50	600	70	6,80
HL11ARM2PG	0610-0762-125	E11	125	13,00	750	70	8,50
HL11ARM2PG	0610-0915-125	E11	125	15,50	900	70	10,00
HL11ARM2PG	0610-1220-125	E11	125	21,00	1200	70	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
HL12ARM2PG	0305-0305-125	E12	125	2,80	150	100	1,85
HL12ARM2PG	0305-0610-125	E12	125	5,50	300	100	3,50
HL12ARM2PG	0457-0457-125	E12	125	6,00	350	100	4,25
HL12ARM2PG	0457-0610-125	E12	125	8,00	450	100	6,50
HL12ARM2PG	0610-0610-125	E12	125	10,50	600	100	6,80
HL12ARM2PG	0610-0762-125	E12	125	13,00	750	100	8,50
HL12ARM2PG	0610-0915-125	E12	125	15,50	900	100	10,00
HL12ARM2PG	0610-1220-125	E12	125	21,00	1200	100	12,50

HEPALAM-125-ARM

Laminar Flow Absolute Filters



HL13ARM2PG-0610-0610-125

FILTER CODE STRUCTURE

Type	HL	HEPALAM
Class EN 1822	13	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 N: 75 mm L: 100 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	0610-0610-125	

APPLICATIONS

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

TECHNICAL SPECIFICATIONS

Class EN 1822	H13	H14	U15
Av. Efficiency EN 1822	≥ 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-125-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	0305-0305-125	H13	125	2,80	150	110	1,85
HL13ARM2PG	0305-0610-125	H13	125	5,50	300	110	3,50
HL13ARM2PG	0457-0457-125	H13	125	6,00	350	110	4,25
HL13ARM2PG	0457-0610-125	H13	125	8,00	450	110	6,50
HL13ARM2PG	0610-0610-125	H13	125	10,50	600	110	6,80
HL13ARM2PG	0610-0762-125	H13	125	13,00	750	110	8,50
HL13ARM2PG	0610-0915-125	H13	125	15,50	900	110	10,00
HL13ARM2PG	0610-1220-125	H13	125	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	0305-0305-125	H14	125	2,80	150	125	1,85
HL14ARM2PG	0305-0610-125	H14	125	5,50	300	125	3,50
HL14ARM2PG	0457-0457-125	H14	125	6,00	350	125	4,25
HL14ARM2PG	0457-0610-125	H14	125	8,00	450	125	6,50
HL14ARM2PG	0610-0610-125	H14	125	10,50	600	125	6,80
HL14ARM2PG	0610-0762-125	H14	125	13,00	750	125	8,50
HL14ARM2PG	0610-0915-125	H14	125	15,50	900	125	10,00
HL14ARM2PG	0610-1220-125	H14	125	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	0305-0305-125	U15	125	2,80	150	140	1,85
HL15ARM2PG	0305-0610-125	U15	125	5,50	300	140	3,50
HL15ARM2PG	0457-0457-125	U15	125	6,00	350	140	4,25
HL15ARM2PG	0457-0610-125	U15	125	8,00	450	140	6,50
HL15ARM2PG	0610-0610-125	U15	125	10,50	600	140	6,80
HL15ARM2PG	0610-0762-125	U15	125	13,00	750	140	8,50
HL15ARM2PG	0610-0915-125	U15	125	15,50	900	140	10,00
HL15ARM2PG	0610-1220-125	U15	125	21,00	1200	140	12,50

HEPALAM-125-ARN

Laminar Flow Absolute Filters



HL12ARN2PG-0610-0610-125

FILTER CODE STRUCTURE

Type	HL	HEPALAM
Class EN 1822	12	E12
Frame	A	A: Aluminum
Media	R	R: Micro Glass Fibre Y: High Heat (Max. 120 °C)
Pleat Depth	N	K: 48 mm M: 58 mm N: 75 mm L: 100 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	0610-0610-125	

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-125-ARN 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
HL10ARN2PG	0305-0305-125	E10	125	3,90	150	50	1,85
HL10ARN2PG	0305-0610-125	E10	125	7,75	300	50	3,50
HL10ARN2PG	0457-0457-125	E10	125	8,40	350	50	4,25
HL10ARN2PG	0457-0610-125	E10	125	11,30	450	50	6,50
HL10ARN2PG	0610-0610-125	E10	125	15,20	600	50	6,80
HL10ARN2PG	0610-0762-125	E10	125	18,75	750	50	8,50
HL10ARN2PG	0610-0915-125	E10	125	22,00	900	50	10,00
HL10ARN2PG	0610-1220-125	E10	125	29,75	1200	50	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
HL11ARN2PG	0305-0305-125	E11	125	3,90	150	60	1,85
HL11ARN2PG	0305-0610-125	E11	125	7,75	300	60	3,50
HL11ARN2PG	0457-0457-125	E11	125	8,40	350	60	4,25
HL11ARN2PG	0457-0610-125	E11	125	11,30	450	60	6,50
HL11ARN2PG	0610-0610-125	E11	125	15,20	600	60	6,80
HL11ARN2PG	0610-0762-125	E11	125	18,75	750	60	8,50
HL11ARN2PG	0610-0915-125	E11	125	22,00	900	60	10,00
HL11ARN2PG	0610-1220-125	E11	125	29,75	1200	60	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
HL12ARN2PG	0305-0305-125	E12	125	3,90	150	85	1,85
HL12ARN2PG	0305-0610-125	E12	125	7,75	300	85	3,50
HL12ARN2PG	0457-0457-125	E12	125	8,40	350	85	4,25
HL12ARN2PG	0457-0610-125	E12	125	11,30	450	85	6,50
HL12ARN2PG	0610-0610-125	E12	125	15,20	600	85	6,80
HL12ARN2PG	0610-0762-125	E12	125	18,75	750	85	8,50
HL12ARN2PG	0610-0915-125	E12	125	22,00	900	85	10,00
HL12ARN2PG	0610-1220-125	E12	125	29,75	1200	85	12,50

HEPALAM-125-ARN

Laminar Flow Absolute Filters



HL13ARN2PG-0610-0610-125

FILTER CODE STRUCTURE

Type	HL	HEPALAM
Class EN 1822	13	H13
Frame	A	A: Aluminum
Media	R	R: Micro Glass Fibre Y: High Heat (Max. 120 °C)
Pleat Depth	N	K: 48 mm M: 58 mm N: 75 mm L: 100 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	0610-0610-125	

APPLICATIONS

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

TECHNICAL SPECIFICATIONS

Class EN 1822	H13	H14	U15
Av. Efficiency EN 1822	≥ 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-125-ARN 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
HL13ARN2PG	0305-0305-125	H13	125	3,90	150	95	1,85
HL13ARN2PG	0305-0610-125	H13	125	7,75	300	95	3,50
HL13ARN2PG	0457-0457-125	H13	125	8,40	350	95	4,25
HL13ARN2PG	0457-0610-125	H13	125	11,30	450	95	6,50
HL13ARN2PG	0610-0610-125	H13	125	15,20	600	95	6,80
HL13ARN2PG	0610-0762-125	H13	125	18,75	750	95	8,50
HL13ARN2PG	0610-0915-125	H13	125	22,00	900	95	10,00
HL13ARN2PG	0610-1220-125	H13	125	29,75	1200	95	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
HL14ARN2PG	0305-0305-125	H14	125	3,90	150	110	1,85
HL14ARN2PG	0305-0610-125	H14	125	7,75	300	110	3,50
HL14ARN2PG	0457-0457-125	H14	125	8,40	350	110	4,25
HL14ARN2PG	0457-0610-125	H14	125	11,30	450	110	6,50
HL14ARN2PG	0610-0610-125	H14	125	15,20	600	110	6,80
HL14ARN2PG	0610-0762-125	H14	125	18,75	750	110	8,50
HL14ARN2PG	0610-0915-125	H14	125	22,00	900	110	10,00
HL14ARN2PG	0610-1220-125	H14	125	29,75	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
HL15ARN2PG	0305-0305-125	U15	125	3,90	150	125	1,85
HL15ARN2PG	0305-0610-125	U15	125	7,75	300	125	3,50
HL15ARN2PG	0457-0457-125	U15	125	8,40	350	125	4,25
HL15ARN2PG	0457-0610-125	U15	125	11,30	450	125	6,50
HL15ARN2PG	0610-0610-125	U15	125	15,20	600	125	6,80
HL15ARN2PG	0610-0762-125	U15	125	18,75	750	125	8,50
HL15ARN2PG	0610-0915-125	U15	125	22,00	900	125	10,00
HL15ARN2PG	0610-1220-125	U15	125	29,75	1200	125	12,50

HEPALAM-125-ARL

Laminar Flow Absolute Filters



HL10ARL2PG-0610-0610-125

FILTER CODE STRUCTURE

Type	HL	HEPALAM
Class EN 1822	10	E10
Frame	A	A: Aluminum
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
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	0610-0610-125	

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-125-ARL 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
HL10ARL2PG	0305-0305-125	E10	125	4,50	150	35	2,00
HL10ARL2PG	0305-0610-125	E10	125	9,00	300	35	3,80
HL10ARL2PG	0457-0457-125	E10	125	10,00	350	35	5,00
HL10ARL2PG	0457-0610-125	E10	125	13,50	450	35	7,00
HL10ARL2PG	0610-0610-125	E10	125	18,00	600	35	8,00
HL10ARL2PG	0610-0762-125	E10	125	22,65	750	35	9,00
HL10ARL2PG	0610-0915-125	E10	125	27,00	900	35	10,50
HL10ARL2PG	0610-1220-125	E10	125	36,00	1500	35	13,50

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
HL11ARL2PG	0305-0305-125	E11	125	4,50	150	40	2,00
HL11ARL2PG	0305-0610-125	E11	125	9,00	300	40	3,80
HL11ARL2PG	0457-0457-125	E11	125	10,00	350	40	5,00
HL11ARL2PG	0457-0610-125	E11	125	13,50	450	40	7,00
HL11ARL2PG	0610-0610-125	E11	125	18,00	600	40	8,00
HL11ARL2PG	0610-0762-125	E11	125	22,65	750	40	9,00
HL11ARL2PG	0610-0915-125	E11	125	27,00	900	40	10,50
HL11ARL2PG	0610-1220-125	E11	125	36,00	1200	40	13,50

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
HL12ARL2PG	0305-0305-125	E12	125	4,50	150	70	2,00
HL12ARL2PG	0305-0610-125	E12	125	9,00	300	70	3,80
HL12ARL2PG	0457-0457-125	E12	125	10,00	350	70	5,00
HL12ARL2PG	0457-0610-125	E12	125	13,50	450	70	7,00
HL12ARL2PG	0610-0610-125	E12	125	18,00	600	70	8,00
HL12ARL2PG	0610-0762-125	E12	125	22,65	750	70	9,00
HL12ARL2PG	0610-0915-125	E12	125	27,00	900	70	10,50
HL12ARL2PG	0610-1220-125	E12	125	36,00	1200	70	13,50

HEPALAM-125-ARL

Laminar Flow Absolute Filters



HL13ARL2PG-0610-0610-125

FILTER CODE STRUCTURE

Type	HL	HEPALAM
Class EN 1822	13	H13
Frame	A	A: Aluminum
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
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	0610-0610-125	

APPLICATIONS

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

TECHNICAL SPECIFICATIONS

Class EN 1822	H13	H14	U15
Av. Efficiency EN 1822	≥ 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-125ARL 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
HL13ARL2PG	0305-0305-125	H13	125	4,50	150	80	2,00
HL13ARL2PG	0305-0610-125	H13	125	9,00	300	80	3,80
HL13ARL2PG	0457-0457-125	H13	125	10,00	350	80	5,00
HL13ARL2PG	0457-0610-125	H13	125	13,50	450	80	7,00
HL13ARL2PG	0610-0610-125	H13	125	18,00	600	80	8,00
HL13ARL2PG	0610-0762-125	H13	125	22,65	750	80	9,00
HL13ARL2PG	0610-0915-125	H13	125	27,00	900	80	10,50
HL13ARL2PG	0610-1220-125	H13	125	36,00	1500	80	13,50

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
HL14ARL2PG	0305-0305-125	H14	125	4,50	150	90	2,00
HL14ARL2PG	0305-0610-125	H14	125	9,00	300	90	3,80
HL14ARL2PG	0457-0457-125	H14	125	10,00	350	90	5,00
HL14ARL2PG	0457-0610-125	H14	125	13,50	450	90	7,00
HL14ARL2PG	0610-0610-125	H14	125	18,00	600	90	8,00
HL14ARL2PG	0610-0762-125	H14	125	22,65	750	90	9,00
HL14ARL2PG	0610-0915-125	H14	125	27,00	900	90	10,50
HL14ARL2PG	0610-1220-125	H14	125	36,00	1200	90	13,50

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
HL15ARL2PG	0305-0305-125	U15	125	4,50	150	100	2,00
HL15ARL2PG	0305-0610-125	U15	125	9,00	300	100	3,80
HL15ARL2PG	0457-0457-125	U15	125	10,00	350	100	5,00
HL15ARL2PG	0457-0610-125	U15	125	13,50	450	100	7,00
HL15ARL2PG	0610-0610-125	U15	125	18,00	600	100	8,00
HL15ARL2PG	0610-0762-125	U15	125	22,65	750	100	9,00
HL15ARL2PG	0610-0915-125	U15	125	27,00	900	100	10,50
HL15ARL2PG	0610-1220-125	U15	125	36,00	1200	100	13,50

HEPALAM-150-ARM

Laminar Flow Absolute Filters



HL11ARM2PG-0610-0610-150

FILTER CODE STRUCTURE

Type	HL	HEPALAM		
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 L: 100 mm	M: 58 mm E: 135 mm	N: 75 mm
Surface Grid	2	0: Without Grid 1: Face Grid Air Outlet 2: Both Side with Grid		
Gasket Type	P	X: Without Gasket R: Rubber Y: High Heat	P: Polyurethane E: EPDM	
Gasket Direction	G	X: No C: Air Outlet G: Air Inlet W: Both Side		
Size		0610-0610-150		

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-150-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
HL10ARM2PG	0305-0305-150	E10	150	2,80	150	60	1,85
HL10ARM2PG	0305-0610-150	E10	150	5,50	300	60	3,50
HL10ARM2PG	0457-0457-150	E10	150	6,00	350	60	4,25
HL10ARM2PG	0457-0610-150	E10	150	8,00	450	60	6,50
HL10ARM2PG	0610-0610-150	E10	150	10,50	600	60	6,80
HL10ARM2PG	0610-0762-150	E10	150	13,00	750	60	8,50
HL10ARM2PG	0610-0915-150	E10	150	15,50	900	60	10,00
HL10ARM2PG	0610-1220-150	E10	150	21,00	1200	60	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
HL11ARM2PG	0305-0305-150	E11	150	2,80	150	70	1,85
HL11ARM2PG	0305-0610-150	E11	150	5,50	300	70	3,50
HL11ARM2PG	0457-0457-150	E11	150	6,00	350	70	4,25
HL11ARM2PG	0457-0610-150	E11	150	8,00	450	70	6,50
HL11ARM2PG	0610-0610-150	E11	150	10,50	600	70	6,80
HL11ARM2PG	0610-0762-150	E11	150	13,00	750	70	8,50
HL11ARM2PG	0610-0915-150	E11	150	15,50	900	70	10,00
HL11ARM2PG	0610-1220-150	E11	150	21,00	1200	70	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
HL12ARM2PG	0305-0305-150	E12	150	2,80	150	100	1,85
HL12ARM2PG	0305-0610-150	E12	150	5,50	300	100	3,50
HL12ARM2PG	0457-0457-150	E12	150	6,00	350	100	4,25
HL12ARM2PG	0457-0610-150	E12	150	8,00	450	100	6,50
HL12ARM2PG	0610-0610-150	E12	150	10,50	600	100	6,80
HL12ARM2PG	0610-0762-150	E12	150	13,00	750	100	8,50
HL12ARM2PG	0610-0915-150	E12	150	15,50	900	100	10,00
HL12ARM2PG	0610-1220-150	E12	150	21,00	1200	100	12,50

HEPALAM-150-ARM

Laminar Flow Absolute Filters



HL13ARM2PG-0610-0610-150

FILTER CODE STRUCTURE

Type	HL	HEPALAM
Class EN 1822	13	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 N: 75 mm L: 100 mm E: 135 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	0610-0610-150	

APPLICATIONS

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

TECHNICAL SPECIFICATIONS

Class EN 1822	H13	H14	U15
Av. Efficiency EN 1822	≥ 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-150-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	0305-0305-150	H13	150	2,80	150	110	1,85
HL13ARM2PG	0305-0610-150	H13	150	5,50	300	110	3,50
HL13ARM2PG	0457-0457-150	H13	150	6,00	350	110	4,25
HL13ARM2PG	0457-0610-150	H13	150	8,00	450	110	6,50
HL13ARM2PG	0610-0610-150	H13	150	10,50	600	110	6,80
HL13ARM2PG	0610-0762-150	H13	150	13,00	750	110	8,50
HL13ARM2PG	0610-0915-150	H13	150	15,50	900	110	10,00
HL13ARM2PG	0610-1220-150	H13	150	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	0305-0305-150	H14	150	2,80	150	125	1,85
HL14ARM2PG	0305-0610-150	H14	150	5,50	300	125	3,50
HL14ARM2PG	0457-0457-150	H14	150	6,00	350	125	4,25
HL14ARM2PG	0457-0610-150	H14	150	8,00	450	125	6,50
HL14ARM2PG	0610-0610-150	H14	150	10,50	600	125	6,80
HL14ARM2PG	0610-0762-150	H14	150	13,00	750	125	8,50
HL14ARM2PG	0610-0915-150	H14	150	15,50	900	125	10,00
HL14ARM2PG	0610-1220-150	H14	150	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	0305-0305-150	U15	150	2,80	150	140	1,85
HL15ARM2PG	0305-0610-150	U15	150	5,50	300	140	3,50
HL15ARM2PG	0457-0457-150	U15	150	6,00	350	140	4,25
HL15ARM2PG	0457-0610-150	U15	150	8,00	450	140	6,50
HL15ARM2PG	0610-0610-150	U15	150	10,50	600	140	6,80
HL15ARM2PG	0610-0762-150	U15	150	13,00	750	140	8,50
HL15ARM2PG	0610-0915-150	U15	150	15,50	900	140	10,00
HL15ARM2PG	0610-1220-150	U15	150	21,00	1200	140	12,50

HEPALAM-150-ARN

Laminar Flow Absolute Filters



HL11ARN2PG-0610-0610-150

FILTER CODE STRUCTURE

Type	HL	HEPALAM		
Class EN1822	11	E11		
Frame	A	A: Aluminum		
Media	R	R: Micro Glass Fibre Y: High Heat (Max. 120 °C)		
Pleat Depth	N	K: 48 mm L: 100 mm	M: 58 mm E: 135 mm	N: 75 mm
Surface Grid	2	0: Without Grid 1: Face Grid Air Outlet 2: Both Side with Grid		
Gasket Type	P	X: Without Gasket R: Rubber Y: High Heat	P: Polyurethane E: EPDM	
Gasket Direction	G	X: No C: Air Outlet G: Air Inlet W: Both Side		
Size		0610-0610-150		

APPLICATIONS

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

TECHNICAL SPECIFICATIONS

Class EN1822	E10	E11	E12
Av. Efficiency EN1822	≥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-150-ARN 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
HL10ARN2PG	0305-0305-150	E10	150	3,90	150	50	1,85
HL10ARN2PG	0305-0610-150	E10	150	7,75	300	50	3,50
HL10ARN2PG	0457-0457-150	E10	150	8,40	350	50	4,25
HL10ARN2PG	0457-0610-150	E10	150	11,30	450	50	6,50
HL10ARN2PG	0610-0610-150	E10	150	15,20	600	50	6,80
HL10ARN2PG	0610-0762-150	E10	150	18,75	750	50	8,50
HL10ARN2PG	0610-0915-150	E10	150	22,00	900	50	10,00
HL10ARN2PG	0610-1220-150	E10	150	29,75	1200	50	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
HL11ARN2PG	0305-0305-150	E11	150	3,90	150	60	1,85
HL11ARN2PG	0305-0610-150	E11	150	7,75	300	60	3,50
HL11ARN2PG	0457-0457-150	E11	150	8,40	350	60	4,25
HL11ARN2PG	0457-0610-150	E11	150	11,30	450	60	6,50
HL11ARN2PG	0610-0610-150	E11	150	15,20	600	60	6,80
HL11ARN2PG	0610-0762-150	E11	150	18,75	750	60	8,50
HL11ARN2PG	0610-0915-150	E11	150	22,00	900	60	10,00
HL11ARN2PG	0610-1220-150	E11	150	29,75	1200	60	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
HL12ARN2PG	0305-0305-150	E12	150	3,90	150	85	1,85
HL12ARN2PG	0305-0610-150	E12	150	7,75	300	85	3,50
HL12ARN2PG	0457-0457-150	E12	150	8,40	350	85	4,25
HL12ARN2PG	0457-0610-150	E12	150	11,30	450	85	6,50
HL12ARN2PG	0610-0610-150	E12	150	15,20	600	85	6,80
HL12ARN2PG	0610-0762-150	E12	150	18,75	750	85	8,50
HL12ARN2PG	0610-0915-150	E12	150	22,00	900	85	10,00
HL12ARN2PG	0610-1220-150	E12	150	29,75	1200	85	12,50

HEPALAM-150-ARN

Laminar Flow Absolute Filters



HL13ARN2PG-0610-0610-150

FILTER CODE STRUCTURE

Type	HL	HEPALAM		
Class EN1822	13	H13		
Frame	A	A: Aluminum		
Media	R	R: Micro Glass Fibre Y: High Heat (Max. 120 °C)		
Pleat Depth	N	K: 48 mm L: 100 mm	M: 58 mm E: 135 mm	N: 75 mm
Surface Grid	2	0: Without Grid 1: Face Grid Air Outlet 2: Both Side with Grid		
Gasket Type	P	X: Without Gasket R: Rubber Y: High Heat	P: Polyurethane E: EPDM	
Gasket Direction	G	X: No C: Air Outlet G: Air Inlet W: Both Side		
Size		0610-0610-150		

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-150-ARN 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
HL13ARN2PG	0305-0305-150	H13	150	3,90	150	95	1,85
HL13ARN2PG	0305-0610-150	H13	150	7,75	300	95	3,50
HL13ARN2PG	0457-0457-150	H13	150	8,40	350	95	4,25
HL13ARN2PG	0457-0610-150	H13	150	11,30	450	95	6,50
HL13ARN2PG	0610-0610-150	H13	150	15,20	600	95	6,80
HL13ARN2PG	0610-0762-150	H13	150	18,75	750	95	8,50
HL13ARN2PG	0610-0915-150	H13	150	22,00	900	95	10,00
HL13ARN2PG	0610-1220-150	H13	150	29,75	1200	95	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
HL14ARN2PG	0305-0305-150	H14	150	3,90	150	110	1,85
HL14ARN2PG	0305-0610-150	H14	150	7,75	300	110	3,50
HL14ARN2PG	0457-0457-150	H14	150	8,40	350	110	4,25
HL14ARN2PG	0457-0610-150	H14	150	11,30	450	110	6,50
HL14ARN2PG	0610-0610-150	H14	150	15,20	600	110	6,80
HL14ARN2PG	0610-0762-150	H14	150	18,75	750	110	8,50
HL14ARN2PG	0610-0915-150	H14	150	22,00	900	110	10,00
HL14ARN2PG	0610-1220-150	H14	150	29,75	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
HL15ARN2PG	0305-0305-150	U15	150	3,90	150	125	1,85
HL15ARN2PG	0305-0610-150	U15	150	7,75	300	125	3,50
HL15ARN2PG	0457-0457-150	U15	150	8,40	350	125	4,25
HL15ARN2PG	0457-0610-150	U15	150	11,30	450	125	6,50
HL15ARN2PG	0610-0610-150	U15	150	15,20	600	125	6,80
HL15ARN2PG	0610-0762-150	U15	150	18,75	750	125	8,50
HL15ARN2PG	0610-0915-150	U15	150	22,00	900	125	10,00
HL15ARN2PG	0610-1220-150	U15	150	29,75	1200	125	12,50

HEPALAM-150-ARL

Laminar Flow Absolute Filters



HL10ARL2PG-0610-0610-150

FILTER CODE STRUCTURE

Type	HL	HEPALAM		
Class EN1822	10	E10		
Frame	A	A: Aluminum		
Media	R	R: Micro Glass Fibre Y: High Heat (Max. 120 °C)		
Pleat Depth	L	K: 48 mm L: 100 mm	M: 58 mm E: 135 mm	N: 75 mm
Surface Grid	2	0: Without Grid 1: Face Grid Air Outlet 2: Both Side with Grid		
Gasket Type	P	X: Without Gasket R: Rubber Y: High Heat	P: Polyurethane E: EPDM	
Gasket Direction	G	X: No C: Air Outlet G: Air Inlet W: Both Side		
Size		0610-0610-150		

APPLICATIONS

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

TECHNICAL SPECIFICATIONS

Class EN1822	E10	E11	E12
Av. Efficiency EN1822	≥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-150-ARL 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
HL10ARL2PG	0305-0305-150	E10	150	4,50	150	35	2,00
HL10ARL2PG	0305-0610-150	E10	150	9,00	300	35	3,80
HL10ARL2PG	0457-0457-150	E10	150	10,00	350	35	5,00
HL10ARL2PG	0457-0610-150	E10	150	13,50	450	35	7,00
HL10ARL2PG	0610-0610-150	E10	150	18,00	600	35	8,00
HL10ARL2PG	0610-0762-150	E10	150	22,65	750	35	9,00
HL10ARL2PG	0610-0915-150	E10	150	27,00	900	35	10,50
HL10ARL2PG	0610-1220-150	E10	150	36,00	1500	35	13,50

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
HL11ARL2PG	0305-0305-150	E11	150	4,50	150	40	2,00
HL11ARL2PG	0305-0610-150	E11	150	9,00	300	40	3,80
HL11ARL2PG	0457-0457-150	E11	150	10,00	350	40	5,00
HL11ARL2PG	0457-0610-150	E11	150	13,50	450	40	7,00
HL11ARL2PG	0610-0610-150	E11	150	18,00	600	40	8,00
HL11ARL2PG	0610-0762-150	E11	150	22,65	750	40	9,00
HL11ARL2PG	0610-0915-150	E11	150	27,00	900	40	10,50
HL11ARL2PG	0610-1220-150	E11	150	36,00	1200	40	13,50

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
HL12ARL2PG	0305-0305-150	E12	150	4,50	150	70	2,00
HL12ARL2PG	0305-0610-150	E12	150	9,00	300	70	3,80
HL12ARL2PG	0457-0457-150	E12	150	10,00	350	70	5,00
HL12ARL2PG	0457-0610-150	E12	150	13,50	450	70	7,00
HL12ARL2PG	0610-0610-150	E12	150	18,00	600	70	8,00
HL12ARL2PG	0610-0762-150	E12	150	22,65	750	70	9,00
HL12ARL2PG	0610-0915-150	E12	150	27,00	900	70	10,50
HL12ARL2PG	0610-1220-150	E12	150	36,00	1200	70	13,50

HEPALAM-150-ARL

Laminar Flow Absolute Filters



HL13ARL2PG-0610-0610-150

FILTER CODE STRUCTURE

Type	HL	HEPALAM		
Class EN1822	13	H13		
Frame	A	A: Aluminum		
Media	R	R: Micro Glass Fibre Y: High Heat (Max. 120 °C)		
Pleat Depth	L	K: 48 mm L: 100 mm	M: 58 mm E: 135 mm	N: 75 mm
Surface Grid	2	0: Without Grid 1: Face Grid Air Outlet 2: Both Side with Grid		
Gasket Type	P	X: Without Gasket R: Rubber Y: High Heat	P: Polyurethane E: EPDM	
Gasket Direction	G	X: No C: Air Outlet G: Air Inlet W: Both Side		
Size		0610-0610-150		

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-150-ARL 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
HL13ARL2PG	0305-0305-150	H13	150	4,50	150	80	2,00
HL13ARL2PG	0305-0610-150	H13	150	9,00	300	80	3,80
HL13ARL2PG	0457-0457-150	H13	150	10,00	350	80	5,00
HL13ARL2PG	0457-0610-150	H13	150	13,50	450	80	7,00
HL13ARL2PG	0610-0610-150	H13	150	18,00	600	80	8,00
HL13ARL2PG	0610-0762-150	H13	150	22,65	750	80	9,00
HL13ARL2PG	0610-0915-150	H13	150	27,00	900	80	10,50
HL13ARL2PG	0610-1220-150	H13	150	36,00	1500	80	13,50

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
HL14ARL2PG	0305-0305-150	H14	150	4,50	150	90	2,00
HL14ARL2PG	0305-0610-150	H14	150	9,00	300	90	3,80
HL14ARL2PG	0457-0457-150	H14	150	10,00	350	90	5,00
HL14ARL2PG	0457-0610-150	H14	150	13,50	450	90	7,00
HL14ARL2PG	0610-0610-150	H14	150	18,00	600	90	8,00
HL14ARL2PG	0610-0762-150	H14	150	22,65	750	90	9,00
HL14ARL2PG	0610-0915-150	H14	150	27,00	900	90	10,50
HL14ARL2PG	0610-1220-150	H14	150	36,00	1200	90	13,50

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
HL15ARL2PG	0305-0305-150	U15	150	4,50	150	100	2,00
HL15ARL2PG	0305-0610-150	U15	150	9,00	300	100	3,80
HL15ARL2PG	0457-0457-150	U15	150	10,00	350	100	5,00
HL15ARL2PG	0457-0610-150	U15	150	13,50	450	100	7,00
HL15ARL2PG	0610-0610-150	U15	150	18,00	600	100	8,00
HL15ARL2PG	0610-0762-150	U15	150	22,65	750	100	9,00
HL15ARL2PG	0610-0915-150	U15	150	27,00	900	100	10,50
HL15ARL2PG	0610-1220-150	U15	150	36,00	1200	100	13,50

HEPALAM-150-ARE

Laminar Flow Absolute Filters



HL12ARE2PG-0610-0610-150

FILTER CODE STRUCTURE

Type	HL	HEPALAM		
Class EN1822	12	E12		
Frame	A	A: Aluminum		
Media	R	R: Micro Glass Fibre Y: High Heat (Max. 120 °C)		
Pleat Depth	E	K: 48 mm L: 100 mm	M: 58 mm E: 135 mm	N: 75 mm
Surface Grid	2	0: Without Grid 1: Face Grid Air Outlet 2: Both Side with Grid		
Gasket Type	P	X: Without Gasket R: Rubber Y: High Heat	P: Polyurethane E: EPDM	
Gasket Direction	G	X: No C: Air Outlet G: Air Inlet W: Both Side		
Size		0610-0610-150		

APPLICATIONS

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

TECHNICAL SPECIFICATIONS

Class EN1822	E10	E11	E12
Av. Efficiency EN1822	≥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-150-ARE 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
HL10ARE2PG	0305-0305-150	E10	150	5,60	150	30	2,00
HL10ARE2PG	0305-0610-150	E10	150	11,25	300	30	3,80
HL10ARE2PG	0457-0457-150	E10	150	12,50	350	30	5,00
HL10ARE2PG	0457-0610-150	E10	150	16,80	450	30	7,00
HL10ARE2PG	0610-0610-150	E10	150	22,50	600	30	8,00
HL10ARE2PG	0610-0762-150	E10	150	28,30	750	30	9,00
HL10ARE2PG	0610-0915-150	E10	150	33,75	900	30	10,50
HL10ARE2PG	0610-1220-150	E10	150	45,00	1500	30	13,50

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
HL11ARE2PG	0305-0305-150	E11	150	5,60	150	35	2,00
HL11ARE2PG	0305-0610-150	E11	150	11,25	300	35	3,80
HL11ARE2PG	0457-0457-150	E11	150	12,50	350	35	5,00
HL11ARE2PG	0457-0610-150	E11	150	16,80	450	35	7,00
HL11ARE2PG	0610-0610-150	E11	150	22,50	600	35	8,00
HL11ARE2PG	0610-0762-150	E11	150	28,30	750	35	9,00
HL11ARE2PG	0610-0915-150	E11	150	33,75	900	35	10,50
HL11ARE2PG	0610-1220-150	E11	150	45,00	1200	35	13,50

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
HL12ARE2PG	0305-0305-150	E12	150	5,60	150	60	2,00
HL12ARE2PG	0305-0610-150	E12	150	11,25	300	60	3,80
HL12ARE2PG	0457-0457-150	E12	150	12,50	350	60	5,00
HL12ARE2PG	0457-0610-150	E12	150	16,80	450	60	7,00
HL12ARE2PG	0610-0610-150	E12	150	22,50	600	60	8,00
HL12ARE2PG	0610-0762-150	E12	150	28,30	750	60	9,00
HL12ARE2PG	0610-0915-150	E12	150	33,75	900	60	10,50
HL12ARE2PG	0610-1220-150	E12	150	45,00	1200	60	13,50

HEPALAM-150-ARE

Laminar Flow Absolute Filters



HL13ARE2PG-0610-0610-150

FILTER CODE STRUCTURE

Type	HL	HEPALAM		
Class EN1822	13	H13		
Frame	A	A: Aluminum		
Media	R	R: Micro Glass Fibre Y: High Heat (Max. 120 °C)		
Pleat Depth	E	K: 48 mm L: 100 mm	M: 58 mm E: 135 mm	N: 75 mm
Surface Grid	2	0: Without Grid 1: Face Grid Air Outlet 2: Both Side with Grid		
Gasket Type	P	X: Without Gasket R: Rubber Y: High Heat	P: Polyurethane E: EPDM	
Gasket Direction	G	X: No C: Air Outlet G: Air Inlet W: Both Side		
Size		0610-0610-150		

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-150-ARE 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
HL13ARE2PG	0305-0305-150	H13	150	5,60	150	70	2,00
HL13ARE2PG	0305-0610-150	H13	150	11,25	300	70	3,80
HL13ARE2PG	0457-0457-150	H13	150	12,50	350	70	5,00
HL13ARE2PG	0457-0610-150	H13	150	16,80	450	70	7,00
HL13ARE2PG	0610-0610-150	H13	150	22,50	600	70	8,00
HL13ARE2PG	0610-0762-150	H13	150	28,30	750	70	9,00
HL13ARE2PG	0610-0915-150	H13	150	33,75	900	70	10,50
HL13ARE2PG	0610-1220-150	H13	150	45,00	1500	70	13,50

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
HL14ARE2PG	0305-0305-150	H14	150	5,60	150	80	2,00
HL14ARE2PG	0305-0610-150	H14	150	11,25	300	80	3,80
HL14ARE2PG	0457-0457-150	H14	150	12,50	350	80	5,00
HL14ARE2PG	0457-0610-150	H14	150	16,80	450	80	7,00
HL14ARE2PG	0610-0610-150	H14	150	22,50	600	80	8,00
HL14ARE2PG	0610-0762-150	H14	150	28,30	750	80	9,00
HL14ARE2PG	0610-0915-150	H14	150	33,75	900	80	10,50
HL14ARE2PG	0610-1220-150	H14	150	45,00	1200	80	13,50

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
HL15ARE2PG	0305-0305-150	U15	150	5,60	150	90	2,00
HL15ARE2PG	0305-0610-150	U15	150	11,25	300	90	3,80
HL15ARE2PG	0457-0457-150	U15	150	12,50	350	90	5,00
HL15ARE2PG	0457-0610-150	U15	150	16,80	450	90	7,00
HL15ARE2PG	0610-0610-150	U15	150	22,50	600	90	8,00
HL15ARE2PG	0610-0762-150	U15	150	28,30	750	90	9,00
HL15ARE2PG	0610-0915-150	U15	150	33,75	900	90	10,50
HL15ARE2PG	0610-1220-150	U15	150	45,00	1200	90	13,50
HL15ARE2PG	0762-0762-150	U15	150	35,00	900	90	10,50
HL15ARE2PG	0762-0915-150	U15	150	42,50	1150	90	11,00
HL15ARE2PG	0915-0915-150	U15	150	51,85	1350	90	12,00

HEPAGEL-78-ARM

Hepa Filters With Gel Gasket



HG11ARM2GG-0610-0610-78

FILTER CODE STRUCTURE

Type	HG	HEPAGEL
Class EN1822	11	E11
Frame	A	A: Aluminum
Media	R	R: Micro Glass Fibre
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	G	Gel Type
Gasket Direction	G	C: Air Outlet G: Air Inlet
Size	0610-0610-78	

APPLICATIONS

- Used in systems made according to sealed with gel technique
- Clean rooms with LAF counters and
- Operating rooms

TECHNICAL SPECIFICATIONS

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

HEPAGEL-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
HG10ARM2GG	0305-0305-078	E10	78	2,80	150	60	1,85
HG10ARM2GG	0305-0610-078	E10	78	5,50	300	60	3,50
HG10ARM2GG	0457-0457-078	E10	78	6,00	350	60	4,25
HG10ARM2GG	0457-0610-078	E10	78	8,00	450	60	6,50
HG10ARM2GG	0610-0610-078	E10	78	10,50	600	60	6,80
HG10ARM2GG	0610-0762-078	E10	78	13,00	750	60	8,50
HG10ARM2GG	0610-0915-078	E10	78	15,50	900	60	10,00
HG10ARM2GG	0610-1220-078	E10	78	21,00	1200	60	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
HG11ARM2GG	0305-0305-078	E11	78	2,80	150	70	1,85
HG11ARM2GG	0305-0610-078	E11	78	5,50	300	70	3,50
HG11ARM2GG	0457-0457-078	E11	78	6,00	350	70	4,25
HG11ARM2GG	0457-0610-078	E11	78	8,00	450	70	6,50
HG11ARM2GG	0610-0610-078	E11	78	10,50	600	70	6,80
HG11ARM2GG	0610-0762-078	E11	78	13,00	750	70	8,50
HG11ARM2GG	0610-0915-078	E11	78	15,50	900	70	10,00
HG11ARM2GG	0610-1220-078	E11	78	21,00	1200	70	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
HG12ARM2GG	0305-0305-078	E12	78	2,80	150	100	1,85
HG12ARM2GG	0305-0610-078	E12	78	5,50	300	100	3,50
HG12ARM2GG	0457-0457-078	E12	78	6,00	350	100	4,25
HG12ARM2GG	0457-0610-078	E12	78	8,00	450	100	6,50
HG12ARM2GG	0610-0610-078	E12	78	10,50	600	100	6,80
HG12ARM2GG	0610-0762-078	E12	78	13,00	750	100	8,50
HG12ARM2GG	0610-0915-078	E12	78	15,50	900	100	10,00
HG12ARM2GG	0610-1220-078	E12	78	21,00	1200	100	12,50

HEPAGEL-78-ARM

Hepa Filters With Gel Gasket



HG13ARM2GG-0610-0610-78

FILTER CODE STRUCTURE

Type	HG	HEPAGEL
Class EN1822	B	H13
Frame	A	A: Aluminum
Media	R	R: Micro Glass Fibre
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	G	Gel Type
Gasket Direction	G	C: Air Outlet G: Air Inlet
Size	0610-0610-78	

APPLICATIONS

- Used in systems made according to sealed with gel technique
- Clean rooms with LAF counters and
- Operating rooms

TECHNICAL SPECIFICATIONS

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

HEPAGEL-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
HG13ARM2GG	0305-0305-078	H13	78	2,80	150	110	1,85
HG13ARM2GG	0305-0610-078	H13	78	5,50	300	110	3,50
HG13ARM2GG	0457-0457-078	H13	78	6,00	350	110	4,25
HG13ARM2GG	0457-0610-078	H13	78	8,00	450	110	6,50
HG13ARM2GG	0610-0610-078	H13	78	10,50	600	110	6,80
HG13ARM2GG	0610-0762-078	H13	78	13,00	750	110	8,50
HG13ARM2GG	0610-0915-078	H13	78	15,50	900	110	10,00
HG13ARM2GG	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
HG14ARM2GG	0305-0305-078	H14	78	2,80	150	125	1,85
HG14ARM2GG	0305-0610-078	H14	78	5,50	300	125	3,50
HG14ARM2GG	0457-0457-078	H14	78	6,00	350	125	4,25
HG14ARM2GG	0457-0610-078	H14	78	8,00	450	125	6,50
HG14ARM2GG	0610-0610-078	H14	78	10,50	600	125	6,80
HG14ARM2GG	0610-0762-078	H14	78	13,00	750	125	8,50
HG14ARM2GG	0610-0915-078	H14	78	15,50	900	125	10,00
HG14ARM2GG	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
HG15ARM2GG	0305-0305-078	U15	78	2,80	150	140	1,85
HG15ARM2GG	0305-0610-078	U15	78	5,50	300	140	3,50
HG15ARM2GG	0457-0457-078	U15	78	6,00	350	140	4,25
HG15ARM2GG	0457-0610-078	U15	78	8,00	450	140	6,50
HG15ARM2GG	0610-0610-078	U15	78	10,50	600	140	6,80
HG15ARM2GG	0610-0762-078	U15	78	13,00	750	140	8,50
HG15ARM2GG	0610-0915-078	U15	78	15,50	900	140	10,00
HG15ARM2GG	0610-1220-078	U15	78	21,00	1200	140	12,50

HEPAGEL-91-ARM

Hepa Filters With Gel Gasket



HG11ARM2GG-0610-0610-91

FILTER CODE STRUCTURE

Type	HG	HEPAGEL
Class EN1822	11	E11
Frame	A	A: Aluminum
Media	R	R: Micro Glass Fibre
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	G	Gel Type
Gasket Direction	G	C: Air Outlet G: Air Inlet
Size	0610-0610-91	

APPLICATIONS

- Used in systems made according to sealed with gel technique
- Clean rooms with LAF counters and
- Operating rooms

TECHNICAL SPECIFICATIONS

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

HEPAGEL-91-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
HG10ARM2GG	0305-0305-091	E10	91	2,80	150	60	1,85
HG10ARM2GG	0305-0610-091	E10	91	5,50	300	60	3,50
HG10ARM2GG	0457-0457-091	E10	91	6,00	350	60	4,25
HG10ARM2GG	0457-0610-091	E10	91	8,00	450	60	6,50
HG10ARM2GG	0610-0610-091	E10	91	10,50	600	60	6,80
HG10ARM2GG	0610-0762-091	E10	91	13,00	750	60	8,50
HG10ARM2GG	0610-0915-091	E10	91	15,50	900	60	10,00
HG10ARM2GG	0610-1220-091	E10	91	21,00	1200	60	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
HG11ARM2GG	0305-0305-091	E11	91	2,80	150	70	1,85
HG11ARM2GG	0305-0610-091	E11	91	5,50	300	70	3,50
HG11ARM2GG	0457-0457-091	E11	91	6,00	350	70	4,25
HG11ARM2GG	0457-0610-091	E11	91	8,00	450	70	6,50
HG11ARM2GG	0610-0610-091	E11	91	10,50	600	70	6,80
HG11ARM2GG	0610-0762-091	E11	91	13,00	750	70	8,50
HG11ARM2GG	0610-0915-091	E11	91	15,50	900	70	10,00
HG11ARM2GG	0610-1220-091	E11	91	21,00	1200	70	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
HG12ARM2GG	0305-0305-091	E12	91	2,80	150	100	1,85
HG12ARM2GG	0305-0610-091	E12	91	5,50	300	100	3,50
HG12ARM2GG	0457-0457-091	E12	91	6,00	350	100	4,25
HG12ARM2GG	0457-0610-091	E12	91	8,00	450	100	6,50
HG12ARM2GG	0610-0610-091	E12	91	10,50	600	100	6,80
HG12ARM2GG	0610-0762-091	E12	91	13,00	750	100	8,50
HG12ARM2GG	0610-0915-091	E12	91	15,50	900	100	10,00
HG12ARM2GG	0610-1220-091	E12	91	21,00	1200	100	12,50

HEPAGEL-91-ARM

Hepa Filters With Gel Gasket



HG13ARM2GG-0610-0610-91

FILTER CODE STRUCTURE

Type	HG	HEPAGEL
Class EN1822	13	H13
Frame	A	A: Aluminum
Media	R	R: Micro Glass Fibre
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	G	Gel Type
Gasket Direction	G	C: Air Outlet G: Air Inlet
Size	0610-0610-91	

APPLICATIONS

- Used in systems made according to sealed with gel technique
- Clean rooms with LAF counters and operating rooms

TECHNICAL SPECIFICATIONS

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

HEPAGEL-91-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
HG13ARM2GG	0305-0305-091	H13	91	2,80	150	110	1,85
HG13ARM2GG	0305-0610-091	H13	91	5,50	300	110	3,50
HG13ARM2GG	0457-0457-091	H13	91	6,00	350	110	4,25
HG13ARM2GG	0457-0610-091	H13	91	8,00	450	110	6,50
HG13ARM2GG	0610-0610-091	H13	91	10,50	600	110	6,80
HG13ARM2GG	0610-0762-091	H13	91	13,00	750	110	8,50
HG13ARM2GG	0610-0915-091	H13	91	15,50	900	110	10,00
HG13ARM2GG	0610-1220-091	H13	91	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
HG14ARM2GG	0305-0305-091	H14	91	2,80	150	125	1,85
HG14ARM2GG	0305-0610-091	H14	91	5,50	300	125	3,50
HG14ARM2GG	0457-0457-091	H14	91	6,00	350	125	4,25
HG14ARM2GG	0457-0610-091	H14	91	8,00	450	125	6,50
HG14ARM2GG	0610-0610-091	H14	91	10,50	600	125	6,80
HG14ARM2GG	0610-0762-091	H14	91	13,00	750	125	8,50
HG14ARM2GG	0610-0915-091	H14	91	15,50	900	125	10,00
HG14ARM2GG	0610-1220-091	H14	91	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
HG15ARM2GG	0305-0305-091	U15	91	2,80	150	140	1,85
HG15ARM2GG	0305-0610-091	U15	91	5,50	300	140	3,50
HG15ARM2GG	0457-0457-091	U15	91	6,00	350	140	4,25
HG15ARM2GG	0457-0610-091	U15	91	8,00	450	140	6,50
HG15ARM2GG	0610-0610-091	U15	91	10,50	600	140	6,80
HG15ARM2GG	0610-0762-091	U15	91	13,00	750	140	8,50
HG15ARM2GG	0610-0915-091	U15	91	15,50	900	140	10,00
HG15ARM2GG	0610-1220-091	U15	91	21,00	1200	140	12,50

HEPAGEL-104-ARM

Hepa Filters With Gel Gasket



HG11ARM2GG-0610-0610-104

FILTER CODE STRUCTURE

Type	HG	HEPAGEL
Class EN1822	11	E11
Frame	A	A: Aluminum
Media	R	R: Micro Glass Fibre
Pleat Depth	M	K: 48 mm M: 58 mm N: 75 mm
Surface Grid	2	0: Without Grid 1: Face Grid Air Outlet 2: Both Side with Grid
Gasket Type	G	Gel Type
Gasket Direction	G	C: Air Outlet G: Air Inlet
Size	0610-0610-104	

APPLICATIONS

- Used in systems made according to sealed with gel technique
- Clean rooms with LAF counters and operating rooms

TECHNICAL SPECIFICATIONS

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

HEPAGEL-104-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
HG10ARM2GG	0305-0305-104	E10	104	2,80	150	60	2,20
HG10ARM2GG	0305-0610-104	E10	104	5,50	300	60	4,00
HG10ARM2GG	0457-0457-104	E10	104	6,00	350	60	5,00
HG10ARM2GG	0457-0610-104	E10	104	8,00	450	60	7,50
HG10ARM2GG	0610-0610-104	E10	104	10,50	600	60	7,80
HG10ARM2GG	0610-0762-104	E10	104	13,00	750	60	10,00
HG10ARM2GG	0610-0915-104	E10	104	15,50	900	60	11,50
HG10ARM2GG	0610-1220-104	E10	104	21,00	1200	60	14,25

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
HG11ARM2GG	0305-0305-104	E11	104	2,80	150	70	2,20
HG11ARM2GG	0305-0610-104	E11	104	5,50	300	70	4,00
HG11ARM2GG	0457-0457-104	E11	104	6,00	350	70	5,00
HG11ARM2GG	0457-0610-104	E11	104	8,00	450	70	7,50
HG11ARM2GG	0610-0610-104	E11	104	10,50	600	70	7,80
HG11ARM2GG	0610-0762-104	E11	104	13,00	750	70	10,00
HG11ARM2GG	0610-0915-104	E11	104	15,50	900	70	11,50
HG11ARM2GG	0610-1220-104	E11	104	21,00	1200	70	14,25

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
HG12ARM2GG	0305-0305-104	E12	104	2,80	150	100	2,20
HG12ARM2GG	0305-0610-104	E12	104	5,50	300	100	4,00
HG12ARM2GG	0457-0457-104	E12	104	6,00	350	100	5,00
HG12ARM2GG	0457-0610-104	E12	104	8,00	450	100	7,50
HG12ARM2GG	0610-0610-104	E12	104	10,50	600	100	7,80
HG12ARM2GG	0610-0762-104	E12	104	13,00	750	100	10,00
HG12ARM2GG	0610-0915-104	E12	104	15,50	900	100	11,50
HG12ARM2GG	0610-1220-104	E12	104	21,00	1200	100	14,25

HEPAGEL-104-ARM

Hepa Filters With Gel Gasket



HG13ARM2GG-0610-0610-104

FILTER CODE STRUCTURE

Type	HG	HEPAGEL
Class EN 1822	13	H13
Frame	A	A: Aluminum
Media	R	R: Micro Glass Fibre
Pleat Depth	M	K: 48 mm M: 58 mm N: 75 mm
Surface Grid	2	0: Without Grid 1: Face Grid Air Outlet 2: Both Side with Grid
Gasket Type	G	Gel Type
Gasket Direction	G	C: Air Outlet G: Air Inlet
Size	0610-0610-104	

APPLICATIONS

- Used in systems made according to sealed with gel technique
- Clean rooms with LAF counters and operating rooms

TECHNICAL SPECIFICATIONS

Class EN 1822	H13	H14	U15
Av. Efficiency EN 1822	≥99.95 %	≥99.995 %	≥99.9995 %
Max. Temperature	80°C		
Relative Humidity	100 %		
Rec. Final Pres. Drop	600 Pa.		
Filter Stage	III - IV		

HEPAGEL-104-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
HG13ARM2GG	0305-0305-104	H13	104	2,80	150	110	2,20
HG13ARM2GG	0305-0610-104	H13	104	5,50	300	110	4,00
HG13ARM2GG	0457-0457-104	H13	104	6,00	350	110	5,00
HG13ARM2GG	0457-0610-104	H13	104	8,00	450	110	7,50
HG13ARM2GG	0610-0610-104	H13	104	10,50	600	110	7,80
HG13ARM2GG	0610-0762-104	H13	104	13,00	750	110	10,00
HG13ARM2GG	0610-0915-104	H13	104	15,50	900	110	11,50
HG13ARM2GG	0610-1220-104	H13	104	21,00	1200	110	14,25

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
HG14ARM2GG	0305-0305-104	H14	104	2,80	150	125	2,20
HG14ARM2GG	0305-0610-104	H14	104	5,50	300	125	4,00
HG14ARM2GG	0457-0457-104	H14	104	6,00	350	125	5,00
HG14ARM2GG	0457-0610-104	H14	104	8,00	450	125	7,50
HG14ARM2GG	0610-0610-104	H14	104	10,50	600	125	7,80
HG14ARM2GG	0610-0762-104	H14	104	13,00	750	125	10,00
HG14ARM2GG	0610-0915-104	H14	104	15,50	900	125	11,50
HG14ARM2GG	0610-1220-104	H14	104	21,00	1200	125	14,25

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
HG15ARM2GG	0305-0305-104	U15	104	2,80	150	140	2,20
HG15ARM2GG	0305-0610-104	U15	104	5,50	300	140	4,00
HG15ARM2GG	0457-0457-104	U15	104	6,00	350	140	5,00
HG15ARM2GG	0457-0610-104	U15	104	8,00	450	140	7,50
HG15ARM2GG	0610-0610-104	U15	104	10,50	600	140	7,80
HG15ARM2GG	0610-0762-104	U15	104	13,00	750	140	10,00
HG15ARM2GG	0610-0915-104	U15	104	15,50	900	140	11,50
HG15ARM2GG	0610-1220-104	U15	104	21,00	1200	140	14,25

HEPAGEL-104-ARN

Hepa Filters With Gel Gasket



HG11ARN2GG-0610-0610-104

FILTER CODE STRUCTURE

Type	HG	HEPAGEL		
Class EN1822	11	E11		
Frame	A	A: Aluminum		
Media	R	R: Micro Glass Fibre		
Pleat Depth	N	K: 48 mm	M: 58 mm	N: 75 mm
Surface Grid	2	0: Without Grid 1: Face Grid Air Outlet 2: Both Side with Grid		
Gasket Type	G	Gel Type		
Gasket Direction	G	C: Air Outlet G: Air Inlet		
Size	0610-0610-104			

APPLICATIONS

- Used in systems made according to sealed with gel technique
- Clean rooms with LAF counters and operating rooms

TECHNICAL SPECIFICATIONS

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

HEPAGEL-104-ARN 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
HG10ARN2GG	0305-0305-104	E10	104	3,00	150	55	2,20
HG10ARN2GG	0305-0610-104	E10	104	6,00	300	55	4,00
HG10ARN2GG	0457-0457-104	E10	104	6,50	350	55	5,00
HG10ARN2GG	0457-0610-104	E10	104	8,75	450	55	7,50
HG10ARN2GG	0610-0610-104	E10	104	11,75	600	55	7,80
HG10ARN2GG	0610-0762-104	E10	104	14,50	750	55	10,00
HG10ARN2GG	0610-0915-104	E10	104	17,00	900	55	11,50
HG10ARN2GG	0610-1220-104	E10	104	23,00	1200	55	14,25

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
HG11ARN2GG	0305-0305-104	E11	104	3,00	150	65	2,20
HG11ARN2GG	0305-0610-104	E11	104	6,00	300	65	4,00
HG11ARN2GG	0457-0457-104	E11	104	6,50	350	65	5,00
HG11ARN2GG	0457-0610-104	E11	104	8,75	450	65	7,50
HG11ARN2GG	0610-0610-104	E11	104	11,75	600	65	7,80
HG11ARN2GG	0610-0762-104	E11	104	14,50	750	65	10,00
HG11ARN2GG	0610-0915-104	E11	104	17,00	900	65	11,50
HG11ARN2GG	0610-1220-104	E11	104	23,00	1200	65	14,25

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
HG12ARN2GG	0305-0305-104	E12	104	3,00	150	90	2,20
HG12ARN2GG	0305-0610-104	E12	104	6,00	300	90	4,00
HG12ARN2GG	0457-0457-104	E12	104	6,50	350	90	5,00
HG12ARN2GG	0457-0610-104	E12	104	8,75	450	90	7,50
HG12ARN2GG	0610-0610-104	E12	104	11,75	600	90	7,80
HG12ARN2GG	0610-0762-104	E12	104	14,50	750	90	10,00
HG12ARN2GG	0610-0915-104	E12	104	17,00	900	90	11,50
HG12ARN2GG	0610-1220-104	E12	104	23,00	1200	90	14,25

HEPAGEL-104-ARN

Hepa Filters With Gel Gasket



HG13ARN2GG-0610-0610-104

FILTER CODE STRUCTURE

Type	HG	HEPAGEL
Class EN 1822	13	H13
Frame	A	A: Aluminum
Media	R	R: Micro Glass Fibre
Pleat Depth	N	K: 48 mm M: 58 mm N: 75 mm
Surface Grid	2	0: Without Grid 1: Face Grid Air Outlet 2: Both Side with Grid
Gasket Type	G	Gel Type
Gasket Direction	G	C: Air Outlet G: Air Inlet
Size	0610-0610-104	

APPLICATIONS

- Used in systems made according to sealed with gel technique
- Clean rooms with LAF counters and operating rooms

TECHNICAL SPECIFICATIONS

Class EN 1822	H13	H14	U15
Av. Efficiency EN 1822	≥99.95 %	≥99.995 %	≥99.9995 %
Max. Temperature	80°C		
Relative Humidity	100 %		
Rec. Final Pres. Drop	600 Pa.		
Filter Stage	III - IV		

HEPAGEL-104-ARN 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
HG13ARN2GG	0305-0305-104	H13	104	3,00	150	100	2,20
HG13ARN2GG	0305-0610-104	H13	104	6,00	300	100	4,00
HG13ARN2GG	0457-0457-104	H13	104	6,50	350	100	5,00
HG13ARN2GG	0457-0610-104	H13	104	8,75	450	100	7,50
HG13ARN2GG	0610-0610-104	H13	104	11,75	600	100	7,80
HG13ARN2GG	0610-0762-104	H13	104	14,50	750	100	10,00
HG13ARN2GG	0610-0915-104	H13	104	17,00	900	100	11,50
HG13ARN2GG	0610-1220-104	H13	104	23,00	1200	100	14,25

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
HG14ARN2GG	0305-0305-104	H14	104	3,00	150	115	2,20
HG14ARN2GG	0305-0610-104	H14	104	6,00	300	115	4,00
HG14ARN2GG	0457-0457-104	H14	104	6,50	350	115	5,00
HG14ARN2GG	0457-0610-104	H14	104	8,75	450	115	7,50
HG14ARN2GG	0610-0610-104	H14	104	11,75	600	115	7,80
HG14ARN2GG	0610-0762-104	H14	104	14,50	750	115	10,00
HG14ARN2GG	0610-0915-104	H14	104	17,00	900	115	11,50
HG14ARN2GG	0610-1220-104	H14	104	23,00	1200	115	14,25

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
HG15ARN2GG	0305-0305-104	U15	104	3,00	150	130	2,20
HG15ARN2GG	0305-0610-104	U15	104	6,00	300	130	4,00
HG15ARN2GG	0457-0457-104	U15	104	6,50	350	130	5,00
HG15ARN2GG	0457-0610-104	U15	104	8,75	450	130	7,50
HG15ARN2GG	0610-0610-104	U15	104	11,75	600	130	7,80
HG15ARN2GG	0610-0762-104	U15	104	14,50	750	130	10,00
HG15ARN2GG	0610-0915-104	U15	104	17,00	900	130	11,50
HG15ARN2GG	0610-1220-104	U15	104	23,00	1200	130	14,25

HEPAGEL-129-ARM

Hepa Filters With Gel Gasket



HG11ARM2GG-0610-0610-129

FILTER CODE STRUCTURE

Type	HG	HEPAGEL	
Class EN1822	11	E11	
Frame	A	A: Aluminum	
Media	R	R: Micro Glass Fibre	
Pleat Depth	M	K: 48 mm N: 75 mm	M: 58 mm L: 100 mm
Surface Grid	2	0: Without Grid 1: Face Grid Air Outlet 2: Both Side with Grid	
Gasket Type	G	Gel Type	
Gasket Direction	G	C: Air Outlet G: Air Inlet	
Size		0610-0610-129	

APPLICATIONS

- Used in systems made according to sealed with gel technique
- Clean rooms with LAF counters and operating rooms

TECHNICAL SPECIFICATIONS

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

HEPAGEL-129-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
HG10ARM2GG	0305-0305-129	E10	129	2,80	150	60	2,20
HG10ARM2GG	0305-0610-129	E10	129	5,50	300	60	4,00
HG10ARM2GG	0457-0457-129	E10	129	6,00	350	60	5,00
HG10ARM2GG	0457-0610-129	E10	129	8,00	450	60	7,50
HG10ARM2GG	0610-0610-129	E10	129	10,50	600	60	7,80
HG10ARM2GG	0610-0762-129	E10	129	13,00	750	60	10,00
HG10ARM2GG	0610-0915-129	E10	129	15,50	900	60	11,50
HG10ARM2GG	0610-1220-129	E10	129	21,00	1200	60	14,25

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
HG11ARM2GG	0305-0305-129	E11	129	2,80	150	70	2,20
HG11ARM2GG	0305-0610-129	E11	129	5,50	300	70	4,00
HG11ARM2GG	0457-0457-129	E11	129	6,00	350	70	5,00
HG11ARM2GG	0457-0610-129	E11	129	8,00	450	70	7,50
HG11ARM2GG	0610-0610-129	E11	129	10,50	600	70	7,80
HG11ARM2GG	0610-0762-129	E11	129	13,00	750	70	10,00
HG11ARM2GG	0610-0915-129	E11	129	15,50	900	70	11,50
HG11ARM2GG	0610-1220-129	E11	129	21,00	1200	70	14,25

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
HG12ARM2GG	0305-0305-129	E12	129	2,80	150	100	2,20
HG12ARM2GG	0305-0610-129	E12	129	5,50	300	100	4,00
HG12ARM2GG	0457-0457-129	E12	129	6,00	350	100	5,00
HG12ARM2GG	0457-0610-129	E12	129	8,00	450	100	7,50
HG12ARM2GG	0610-0610-129	E12	129	10,50	600	100	7,80
HG12ARM2GG	0610-0762-129	E12	129	13,00	750	100	10,00
HG12ARM2GG	0610-0915-129	E12	129	15,50	900	100	11,50
HG12ARM2GG	0610-1220-129	E12	129	21,00	1200	100	14,25

HEPAGEL-129-ARM

Hepa Filters With Gel Gasket



HG13ARM2GG-0610-0610-129

FILTER CODE STRUCTURE

Type	HG	HEPAGEL
Class EN1822	13	H13
Frame	A	A: Aluminum
Media	R	R: Micro Glass Fibre
Pleat Depth	M	K: 48 mm M: 58 mm N: 75 mm L: 100 mm
Surface Grid	2	0: Without Grid 1: Face Grid Air Outlet 2: Both Side with Grid
Gasket Type	G	Gel Type
Gasket Direction	G	C: Air Outlet G: Air Inlet
Size	0610-0610-129	

APPLICATIONS

- Used in systems made according to sealed with gel technique
- Clean rooms with LAF counters and operating rooms

TECHNICAL SPECIFICATIONS

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

HEPAGEL-129-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
HG13ARM2GG	0305-0305-129	H13	129	2,80	150	110	2,20
HG13ARM2GG	0305-0610-129	H13	129	5,50	300	110	4,00
HG13ARM2GG	0457-0457-129	H13	129	6,00	350	110	5,00
HG13ARM2GG	0457-0610-129	H13	129	8,00	450	110	7,50
HG13ARM2GG	0610-0610-129	H13	129	10,50	600	110	7,80
HG13ARM2GG	0610-0762-129	H13	129	13,00	750	110	10,00
HG13ARM2GG	0610-0915-129	H13	129	15,50	900	110	11,50
HG13ARM2GG	0610-1220-129	H13	129	21,00	1200	110	14,25

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
HG14ARM2GG	0305-0305-129	H14	129	2,80	150	125	2,20
HG14ARM2GG	0305-0610-129	H14	129	5,50	300	125	4,00
HG14ARM2GG	0457-0457-129	H14	129	6,00	350	125	5,00
HG14ARM2GG	0457-0610-129	H14	129	8,00	450	125	7,50
HG14ARM2GG	0610-0610-129	H14	129	10,50	600	125	7,80
HG14ARM2GG	0610-0762-129	H14	129	13,00	750	125	10,00
HG14ARM2GG	0610-0915-129	H14	129	15,50	900	125	11,50
HG14ARM2GG	0610-1220-129	H14	129	21,00	1200	125	14,25

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
HG15ARM2GG	0305-0305-129	U15	129	2,80	150	140	2,20
HG15ARM2GG	0305-0610-129	U15	129	5,50	300	140	4,00
HG15ARM2GG	0457-0457-129	U15	129	6,00	350	140	5,00
HG15ARM2GG	0457-0610-129	U15	129	8,00	450	140	7,50
HG15ARM2GG	0610-0610-129	U15	129	10,50	600	140	7,80
HG15ARM2GG	0610-0762-129	U15	129	13,00	750	140	10,00
HG15ARM2GG	0610-0915-129	U15	129	15,50	900	140	11,50
HG15ARM2GG	0610-1220-129	U15	129	21,00	1200	140	14,25

HEPAGEL-129-ARN

Hepa Filters With Gel Gasket



HG11ARN2GG-0610-0610-129

FILTER CODE STRUCTURE

Type	HG	HEPAGEL
Class EN1822	11	E11
Frame	A	A: Aluminum
Media	R	R: Micro Glass Fibre
Pleat Depth	N	K: 48 mm M: 58 mm N: 75 mm L: 100 mm
Surface Grid	2	0: Without Grid 1: Face Grid Air Outlet 2: Both Side with Grid
Gasket Type	G	Gel Type
Gasket Direction	G	C: Air Outlet G: Air Inlet
Size	0610-0610-129	

APPLICATIONS

- Used in systems made according to sealed with gel technique
- Clean rooms with LAF counters and operating rooms

TECHNICAL SPECIFICATIONS

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

HEPAGEL-129-ARN 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
HG10ARN2GG	0305-0305-129	E10	129	3,00	150	55	2,20
HG10ARN2GG	0305-0610-129	E10	129	6,00	300	55	4,00
HG10ARN2GG	0457-0457-129	E10	129	6,50	350	55	5,00
HG10ARN2GG	0457-0610-129	E10	129	8,75	450	55	7,50
HG10ARN2GG	0610-0610-129	E10	129	11,75	600	55	7,80
HG10ARN2GG	0610-0762-129	E10	129	14,50	750	55	10,00
HG10ARN2GG	0610-0915-129	E10	129	17,00	900	55	11,50
HG10ARN2GG	0610-1220-129	E10	129	23,00	1200	55	14,25

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
HG11ARN2GG	0305-0305-129	E11	129	3,00	150	65	2,20
HG11ARN2GG	0305-0610-129	E11	129	6,00	300	65	4,00
HG11ARN2GG	0457-0457-129	E11	129	6,50	350	65	5,00
HG11ARN2GG	0457-0610-129	E11	129	8,75	450	65	7,50
HG11ARN2GG	0610-0610-129	E11	129	11,75	600	65	7,80
HG11ARN2GG	0610-0762-129	E11	129	14,50	750	65	10,00
HG11ARN2GG	0610-0915-129	E11	129	17,00	900	65	11,50
HG11ARN2GG	0610-1220-129	E11	129	23,00	1200	65	14,25

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
HG12ARN2GG	0305-0305-129	E12	129	3,00	150	90	2,20
HG12ARN2GG	0305-0610-129	E12	129	6,00	300	90	4,00
HG12ARN2GG	0457-0457-129	E12	129	6,50	350	90	5,00
HG12ARN2GG	0457-0610-129	E12	129	8,75	450	90	7,50
HG12ARN2GG	0610-0610-129	E12	129	11,75	600	90	7,80
HG12ARN2GG	0610-0762-129	E12	129	14,50	750	90	10,00
HG12ARN2GG	0610-0915-129	E12	129	17,00	900	90	11,50
HG12ARN2GG	0610-1220-129	E12	129	23,00	1200	90	14,25

HEPAGEL-129-ARN

Hepa Filters With Gel Gasket



HG13ARN2GG-0610-0610-129

FILTER CODE STRUCTURE

Type	HG	HEPAGEL
Class EN1822	13	H13
Frame	A	A: Aluminum
Media	R	R: Micro Glass Fibre
Pleat Depth	N	K: 48 mm M: 58 mm N: 75 mm L: 100 mm
Surface Grid	2	0: Without Grid 1: Face Grid Air Outlet 2: Both Side with Grid
Gasket Type	G	Gel Type
Gasket Direction	G	C: Air Outlet G: Air Inlet
Size	0610-0610-129	

APPLICATIONS

- Used in systems made according to sealed with gel technique
- Clean rooms with LAF counters and operating rooms

TECHNICAL SPECIFICATIONS

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

HEPAGEL-129-ARN 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
HG13ARN2GG	0305-0305-129	H13	129	3,00	150	100	2,20
HG13ARN2GG	0305-0610-129	H13	129	6,00	300	100	4,00
HG13ARN2GG	0457-0457-129	H13	129	6,50	350	100	5,00
HG13ARN2GG	0457-0610-129	H13	129	8,75	450	100	7,50
HG13ARN2GG	0610-0610-129	H13	129	11,75	600	100	7,80
HG13ARN2GG	0610-0762-129	H13	129	14,50	750	100	10,00
HG13ARN2GG	0610-0915-129	H13	129	17,00	900	100	11,50
HG13ARN2GG	0610-1220-129	H13	129	23,00	1200	100	14,25

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
HG14ARN2GG	0305-0305-129	H14	129	3,00	150	115	2,20
HG14ARN2GG	0305-0610-129	H14	129	6,00	300	115	4,00
HG14ARN2GG	0457-0457-129	H14	129	6,50	350	115	5,00
HG14ARN2GG	0457-0610-129	H14	129	8,75	450	115	7,50
HG14ARN2GG	0610-0610-129	H14	129	11,75	600	115	7,80
HG14ARN2GG	0610-0762-129	H14	129	14,50	750	115	10,00
HG14ARN2GG	0610-0915-129	H14	129	17,00	900	115	11,50
HG14ARN2GG	0610-1220-129	H14	129	23,00	1200	115	14,25

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
HG15ARN2GG	0305-0305-129	U15	129	3,00	150	130	2,20
HG15ARN2GG	0305-0610-129	U15	129	6,00	300	130	4,00
HG15ARN2GG	0457-0457-129	U15	129	6,50	350	130	5,00
HG15ARN2GG	0457-0610-129	U15	129	8,75	450	130	7,50
HG15ARN2GG	0610-0610-129	U15	129	11,75	600	130	7,80
HG15ARN2GG	0610-0762-129	U15	129	14,50	750	130	10,00
HG15ARN2GG	0610-0915-129	U15	129	17,00	900	130	11,50
HG15ARN2GG	0610-1220-129	U15	129	23,00	1200	130	14,25

HEPAGEL-129-ARL

Hepa Filters With Gel Gasket



HG11ARL2GG-0610-0610-129

FILTER CODE STRUCTURE

Type	HG	HEPAGEL
Class EN1822	11	E11
Frame	A	A: Aluminum
Media	R	R: Micro Glass Fibre
Pleat Depth	L	K: 48 mm M: 58 mm N: 75 mm L: 100 mm
Surface Grid	2	0: Without Grid 1: Face Grid Air Outlet 2: Both Side with Grid
Gasket Type	G	Gel Type
Gasket Direction	G	C: Air Outlet G: Air Inlet
Size	0610-0610-129	

APPLICATIONS

- Used in systems made according to sealed with gel technique
- Clean rooms with LAF counters and operating rooms

TECHNICAL SPECIFICATIONS

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

HEPAGEL-129-ARL 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
HG10ARL2GG	0305-0305-129	E10	129	4,50	150	35	2,00
HG10ARL2GG	0305-0610-129	E10	129	9,00	300	35	3,80
HG10ARL2GG	0457-0457-129	E10	129	10,00	350	35	5,00
HG10ARL2GG	0457-0610-129	E10	129	13,50	450	35	7,00
HG10ARL2GG	0610-0610-129	E10	129	18,00	600	35	8,00
HG10ARL2GG	0610-0762-129	E10	129	22,65	750	35	9,00
HG10ARL2GG	0610-0915-129	E10	129	27,00	900	35	10,50
HG10ARL2GG	0610-1220-129	E10	129	36,00	1500	35	13,50

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
HG11ARL2GG	0305-0305-129	E11	129	4,50	150	40	2,00
HG11ARL2GG	0305-0610-129	E11	129	9,00	300	40	3,80
HG11ARL2GG	0457-0457-129	E11	129	10,00	350	40	5,00
HG11ARL2GG	0457-0610-129	E11	129	13,50	450	40	7,00
HG11ARL2GG	0610-0610-129	E11	129	18,00	600	40	8,00
HG11ARL2GG	0610-0762-129	E11	129	22,65	750	40	9,00
HG11ARL2GG	0610-0915-129	E11	129	27,00	900	40	10,50
HG11ARL2GG	0610-1220-129	E11	129	36,00	1200	40	13,50

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
HG12ARL2GG	0305-0305-129	E12	129	4,50	150	70	2,00
HG12ARL2GG	0305-0610-129	E12	129	9,00	300	70	3,80
HG12ARL2GG	0457-0457-129	E12	129	10,00	350	70	5,00
HG12ARL2GG	0457-0610-129	E12	129	13,50	450	70	7,00
HG12ARL2GG	0610-0610-129	E12	129	18,00	600	70	8,00
HG12ARL2GG	0610-0762-129	E12	129	22,65	750	70	9,00
HG12ARL2GG	0610-0915-129	E12	129	27,00	900	70	10,50
HG12ARL2GG	0610-1220-129	E12	129	36,00	1200	70	13,50

HEPAGEL-129-ARL

Hepa Filters With Gel Gasket



HG13ARL2GG-0610-0610-129

FILTER CODE STRUCTURE

Type	HG	HEPAGEL
Class EN1822	13	H13
Frame	A	A: Aluminum
Media	R	R: Micro Glass Fibre
Pleat Depth	L	K: 48 mm M: 58 mm N: 75 mm L: 100 mm
Surface Grid	2	0: Without Grid 1: Face Grid Air Outlet 2: Both Side with Grid
Gasket Type	G	Gel Type
Gasket Direction	G	C: Air Outlet G: Air Inlet
Size	0610-0610-129	

APPLICATIONS

- Used in systems made according to sealed with gel technique
- Clean rooms with LAF counters and operating rooms

TECHNICAL SPECIFICATIONS

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

HEPAGEL-129-ARL 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
HG13ARL2GG	0305-0305-129	H13	129	4,50	150	80	2,00
HG13ARL2GG	0305-0610-129	H13	129	9,00	300	80	3,80
HG13ARL2GG	0457-0457-129	H13	129	10,00	350	80	5,00
HG13ARL2GG	0457-0610-129	H13	129	13,50	450	80	7,00
HG13ARL2GG	0610-0610-129	H13	129	18,00	600	80	8,00
HG13ARL2GG	0610-0762-129	H13	129	22,65	750	80	9,00
HG13ARL2GG	0610-0915-129	H13	129	27,00	900	80	10,50
HG13ARL2GG	0610-1220-129	H13	129	36,00	1500	80	13,50

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
HG14ARL2GG	0305-0305-129	H14	129	4,50	150	90	2,00
HG14ARL2GG	0305-0610-129	H14	129	9,00	300	90	3,80
HG14ARL2GG	0457-0457-129	H14	129	10,00	350	90	5,00
HG14ARL2GG	0457-0610-129	H14	129	13,50	450	90	7,00
HG14ARL2GG	0610-0610-129	H14	129	18,00	600	90	8,00
HG14ARL2GG	0610-0762-129	H14	129	22,65	750	90	9,00
HG14ARL2GG	0610-0915-129	H14	129	27,00	900	90	10,50
HG14ARL2GG	0610-1220-129	H14	129	36,00	1200	90	13,50

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
HG15ARL2GG	0305-0305-129	U15	129	4,50	150	100	2,00
HG15ARL2GG	0305-0610-129	U15	129	9,00	300	100	3,80
HG15ARL2GG	0457-0457-129	U15	129	10,00	350	100	5,00
HG15ARL2GG	0457-0610-129	U15	129	13,50	450	100	7,00
HG15ARL2GG	0610-0610-129	U15	129	18,00	600	100	8,00
HG15ARL2GG	0610-0762-129	U15	129	22,65	750	100	9,00
HG15ARL2GG	0610-0915-129	U15	129	27,00	900	100	10,50
HG15ARL2GG	0610-1220-129	U15	129	36,00	1200	100	13,50

HEPAFIL-69

Turbulent Flow Absolute Filters



HF12MRKN1PG-0610-0610-69



HF12GRKN1PG-0610-0610-69

FILTER CODE STRUCTURE

Type	HF	HEPAFIL-69
Class EN1822	12	E12
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	K	K: 48 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		0610-0610-69

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

HEPAFIL-69-MRK 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
HF10MRKN1PG	0305-0305-069	E10	69	2,40	540	250	1,85
HF10MRKN1PG	0305-0610-069	E10	69	5,00	1080	250	3,50
HF10MRKN1PG	0457-0457-069	E10	69	5,50	1200	250	4,25
HF10MRKN1PG	0457-0610-069	E10	69	7,50	1600	250	6,50
HF10MRKN1PG	0610-0610-069	E10	69	10,00	2150	250	6,80
HF10MRKN1PG	0610-0762-069	E10	69	12,20	2700	250	8,50
HF10MRKN1PG	0610-0915-069	E10	69	15,00	3200	250	10,00
HF10MRKN1PG	0610-1220-069	E10	69	20,00	4300	250	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
HF11MRKN1PG	0305-0305-069	E11	69	2,40	500	250	1,85
HF11MRKN1PG	0305-0610-069	E11	69	5,00	1000	250	3,50
HF11MRKN1PG	0457-0457-069	E11	69	5,50	1120	250	4,25
HF11MRKN1PG	0457-0610-069	E11	69	7,50	1500	250	6,50
HF11MRKN1PG	0610-0610-069	E11	69	10,00	2000	250	6,80
HF11MRKN1PG	0610-0762-069	E11	69	12,20	2500	250	8,50
HF11MRKN1PG	0610-0915-069	E11	69	15,00	3000	250	10,00
HF11MRKN1PG	0610-1220-069	E11	69	20,00	4000	250	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
HF12MRKN1PG	0305-0305-069	E12	69	2,40	290	250	1,85
HF12MRKN1PG	0305-0610-069	E12	69	5,00	580	250	3,50
HF12MRKN1PG	0457-0457-069	E12	69	5,50	650	250	4,25
HF12MRKN1PG	0457-0610-069	E12	69	7,50	870	250	6,50
HF12MRKN1PG	0610-0610-069	E12	69	10,00	1150	250	6,80
HF12MRKN1PG	0610-0762-069	E12	69	12,20	1450	250	8,50
HF12MRKN1PG	0610-0915-069	E12	69	15,00	1750	250	10,00
HF12MRKN1PG	0610-1220-069	E12	69	20,00	2325	250	12,50

HEPAFIL-69

Turbulent Flow Absolute Filters



HF13MRKN1PG-0610-0610-69



HF13GRKN1PG-0610-0610-69

FILTER CODE STRUCTURE

Type	HF	HEPAFIL-69
Class EN1822	B	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	K	K: 48 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		0610-0610-69

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 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		

HEPAFIL-69 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
HF13MRKN1PG	0305-0305-069	H13	69	2,40	335	250	1,85
HF13MRKN1PG	0305-0610-069	H13	69	5,00	670	250	3,50
HF13MRKN1PG	0457-0457-069	H13	69	5,50	740	250	4,25
HF13MRKN1PG	0457-0610-069	H13	69	7,50	1000	250	6,50
HF13MRKN1PG	0610-0610-069	H13	69	10,00	1340	250	6,80
HF13MRKN1PG	0610-0762-069	H13	69	12,20	1630	250	8,50
HF13MRKN1PG	0610-0915-069	H13	69	15,00	1965	250	10,00
HF13MRKN1PG	0610-1220-069	H13	69	20,00	2635	250	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
HF14MRKN1PG	0305-0305-069	H14	69	2,40	290	250	1,85
HF14MRKN1PG	0305-0610-069	H14	69	5,00	575	250	3,50
HF14MRKN1PG	0457-0457-069	H14	69	5,50	640	250	4,25
HF14MRKN1PG	0457-0610-069	H14	69	7,50	850	250	6,50
HF14MRKN1PG	0610-0610-069	H14	69	10,00	1150	250	6,80
HF14MRKN1PG	0610-0762-069	H14	69	12,20	1420	250	8,50
HF14MRKN1PG	0610-0915-069	H14	69	15,00	1725	250	10,00
HF14MRKN1PG	0610-1220-069	H14	69	20,00	2300	250	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
HF15MRKN1PG	0305-0305-069	U15	69	2,40	280	250	1,85
HF15MRKN1PG	0305-0610-069	U15	69	5,00	560	250	3,50
HF15MRKN1PG	0457-0457-069	U15	69	5,50	625	250	4,25
HF15MRKN1PG	0457-0610-069	U15	69	7,50	825	250	6,50
HF15MRKN1PG	0610-0610-069	U15	69	10,00	1110	250	6,80
HF15MRKN1PG	0610-0762-069	U15	69	12,20	1380	250	8,50
HF15MRKN1PG	0610-0915-069	U15	69	15,00	1670	250	10,00
HF15MRKN1PG	0610-1220-069	U15	69	20,00	2200	250	12,50

HEPAFIL-78

Turbulent Flow Absolute Filters



HF12MRMN1PG-0610-0610-78



HF12GRMN1PG-0610-0610-78

FILTER CODE STRUCTURE

Type	HF	HEPAFIL-69
Class EN 1822	12	E12
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	M	K: 48 mm M: 58 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		0610-0610-78

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
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		

HEPAFIL-78-MRM 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
HF10MRMN1PG	0305-0305-078	E10	78	2,80	650	250	1,85
HF10MRMN1PG	0305-0610-078	E10	78	5,50	1300	250	3,50
HF10MRMN1PG	0457-0457-078	E10	78	6,00	1450	250	4,25
HF10MRMN1PG	0457-0610-078	E10	78	8,00	1950	250	6,50
HF10MRMN1PG	0610-0610-078	E10	78	10,50	2600	250	6,80
HF10MRMN1PG	0610-0762-078	E10	78	13,00	3250	250	8,50
HF10MRMN1PG	0610-0915-078	E10	78	15,50	3900	250	10,00
HF10MRMN1PG	0610-1220-078	E10	78	21,00	5200	250	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
HF11MRMN1PG	0305-0305-078	E11	78	2,80	600	250	1,85
HF11MRMN1PG	0305-0610-078	E11	78	5,50	1200	250	3,50
HF11MRMN1PG	0457-0457-078	E11	78	6,00	1350	250	4,25
HF11MRMN1PG	0457-0610-078	E11	78	8,00	1800	250	6,50
HF11MRMN1PG	0610-0610-078	E11	78	10,50	2400	250	6,80
HF11MRMN1PG	0610-0762-078	E11	78	13,00	3000	250	8,50
HF11MRMN1PG	0610-0915-078	E11	78	15,50	3600	250	10,00
HF11MRMN1PG	0610-1220-078	E11	78	21,00	4800	250	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
HF12MRMN1PG	0305-0305-078	E12	78	2,80	350	250	1,85
HF12MRMN1PG	0305-0610-078	E12	78	5,50	700	250	3,50
HF12MRMN1PG	0457-0457-078	E12	78	6,00	790	250	4,25
HF12MRMN1PG	0457-0610-078	E12	78	8,00	1050	250	6,50
HF12MRMN1PG	0610-0610-078	E12	78	10,50	1400	250	6,80
HF12MRMN1PG	0610-0762-078	E12	78	13,00	1750	250	8,50
HF12MRMN1PG	0610-0915-078	E12	78	15,50	2100	250	10,00
HF12MRMN1PG	0610-1220-078	E12	78	21,00	2800	250	12,50

HEPAFIL-78

Turbulent Flow Absolute Filters



HF13MRMN1PG-0610-0610-78



HF13GRMN1PG-0610-0610-78

FILTER CODE STRUCTURE

Type	HF	HEPAFIL-78
Class EN 1822	13	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	M	K: 48 mm M: 58 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		0610-0610-78

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	H13	H14	U15
Av. Efficiency EN 1822	≥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		

HEPAFIL-78-MRM 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
HF13MRMN1PG	0305-0305-078	H13	78	2,80	350	250	1,85
HF13MRMN1PG	0305-0610-078	H13	78	5,50	700	250	3,50
HF13MRMN1PG	0457-0457-078	H13	78	6,00	775	250	4,25
HF13MRMN1PG	0457-0610-078	H13	78	8,00	1050	250	6,50
HF13MRMN1PG	0610-0610-078	H13	78	10,50	1400	250	6,80
HF13MRMN1PG	0610-0762-078	H13	78	13,00	1700	250	8,50
HF13MRMN1PG	0610-0915-078	H13	78	15,50	2050	250	10,00
HF13MRMN1PG	0610-1220-078	H13	78	21,00	2750	250	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
HF14MRMN1PG	0305-0305-078	H14	78	2,80	300	250	1,85
HF14MRMN1PG	0305-0610-078	H14	78	5,50	600	250	3,50
HF14MRMN1PG	0457-0457-078	H14	78	6,00	670	250	4,25
HF14MRMN1PG	0457-0610-078	H14	78	8,00	890	250	6,50
HF14MRMN1PG	0610-0610-078	H14	78	10,50	1200	250	6,80
HF14MRMN1PG	0610-0762-078	H14	78	13,00	1480	250	8,50
HF14MRMN1PG	0610-0915-078	H14	78	15,50	1800	250	10,00
HF14MRMN1PG	0610-1220-078	H14	78	21,00	2400	250	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
HF15MRMN1PG	0305-0305-078	U15	78	2,80	290	250	1,85
HF15MRMN1PG	0305-0610-078	U15	78	5,50	580	250	3,50
HF15MRMN1PG	0457-0457-078	U15	78	6,00	650	250	4,25
HF15MRMN1PG	0457-0610-078	U15	78	8,00	860	250	6,50
HF15MRMN1PG	0610-0610-078	U15	78	10,50	1160	250	6,80
HF15MRMN1PG	0610-0762-078	U15	78	13,00	1440	250	8,50
HF15MRMN1PG	0610-0915-078	U15	78	15,50	1740	250	10,00
HF15MRMN1PG	0610-1220-078	U15	78	21,00	2300	250	12,50

HEPAFIL-150

Turbulent Flow Absolute Filters



HF12MRMN1PG-0610-0610-150



HF12GRMN1PG-0610-0610-150

FILTER CODE STRUCTURE

Type	HF	HEPAFIL-150
Class EN 1822	12	E12
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	M	K: 48 mm M: 58 mm N: 75 mm L: 100 mm E: 135 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		0610-0610-150

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
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		

HEPAFIL-150-MRM 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
HF10MRMN1PG	0305-0305-150	E10	150	2,80	650	250	2,50
HF10MRMN1PG	0305-0610-150	E10	150	5,50	1300	250	3,50
HF10MRMN1PG	0457-0457-150	E10	150	6,00	1450	250	3,80
HF10MRMN1PG	0457-0610-150	E10	150	8,00	1950	250	4,50
HF10MRMN1PG	0610-0610-150	E10	150	10,50	2600	250	5,00
HF10MRMN1PG	0610-0762-150	E10	150	13,00	3250	250	8,50
HF10MRMN1PG	0610-0915-150	E10	150	15,50	3900	250	10,00
HF10MRMN1PG	0610-1220-150	E10	150	21,00	5200	250	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
HF11MRMN1PG	0305-0305-150	E11	150	2,80	600	250	2,50
HF11MRMN1PG	0305-0610-150	E11	150	5,50	1200	250	3,50
HF11MRMN1PG	0457-0457-150	E11	150	6,00	1350	250	3,80
HF11MRMN1PG	0457-0610-150	E11	150	8,00	1800	250	4,50
HF11MRMN1PG	0610-0610-150	E11	150	10,50	2400	250	5,00
HF11MRMN1PG	0610-0762-150	E11	150	13,00	3000	250	8,50
HF11MRMN1PG	0610-0915-150	E11	150	15,50	3600	250	10,00
HF11MRMN1PG	0610-1220-150	E11	150	21,00	4800	250	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
HF12MRMN1PG	0305-0305-150	E12	150	2,80	350	250	2,50
HF12MRMN1PG	0305-0610-150	E12	150	5,50	700	250	3,50
HF12MRMN1PG	0457-0457-150	E12	150	6,00	790	250	3,80
HF12MRMN1PG	0457-0610-150	E12	150	8,00	1050	250	4,50
HF12MRMN1PG	0610-0610-150	E12	150	10,50	1400	250	5,00
HF12MRMN1PG	0610-0762-150	E12	150	13,00	1750	250	8,50
HF12MRMN1PG	0610-0915-150	E12	150	15,50	2100	250	10,00
HF12MRMN1PG	0610-1220-150	E12	150	21,00	2800	250	12,50

HEPAFIL-150

Turbulent Flow Absolute Filters



HF13MRMN1PG-0610-0610-150



HF13GRMN1PG-0610-0610-150

FILTER CODE STRUCTURE

Type	HF	HEPAFIL-150
Class EN 1822	13	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	M	K: 48 mm M: 58 mm N: 75 mm L: 100 mm E: 135 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		0610-0610-150

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	H13	H14	U15
Av. Efficiency EN 1822	≥ 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		

HEPAFIL-150-MRM 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
HF13MRMN1PG	0305-0305-150	H13	150	2,80	300	250	2,50
HF13MRMN1PG	0305-0610-150	H13	150	5,50	600	250	3,50
HF13MRMN1PG	0457-0457-150	H13	150	6,00	670	250	3,80
HF13MRMN1PG	0457-0610-150	H13	150	8,00	900	250	4,50
HF13MRMN1PG	0610-0610-150	H13	150	10,50	1200	250	5,00
HF13MRMN1PG	0610-0762-150	H13	150	13,00	1500	250	8,50
HF13MRMN1PG	0610-0915-150	H13	150	15,50	1800	250	10,00
HF13MRMN1PG	0610-1220-150	H13	150	21,00	2350	250	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
HF14MRMN1PG	0305-0305-150	H14	150	2,80	275	250	2,50
HF14MRMN1PG	0305-0610-150	H14	150	5,50	550	250	3,50
HF14MRMN1PG	0457-0457-150	H14	150	6,00	600	250	3,80
HF14MRMN1PG	0457-0610-150	H14	150	8,00	800	250	4,50
HF14MRMN1PG	0610-0610-150	H14	150	10,50	1100	250	5,00
HF14MRMN1PG	0610-0762-150	H14	150	13,00	1350	250	8,50
HF14MRMN1PG	0610-0915-150	H14	150	15,50	1650	250	10,00
HF14MRMN1PG	0610-1220-150	H14	150	21,00	2150	250	12,50

HEPAFIL-150

Turbulent Flow Absolute Filters



HF10MRLN1PG-0610-0610-150



HF10GRLN1PG-0610-0610-150

FILTER CODE STRUCTURE

Type	HF	HEPAFIL-150		
Class EN 1822	10	E10		
Frame	M	M: Wooden G: Galvanized	A: Aluminum T: SS 304	S: SS 316
Media	R	R: Micro Glass Fibre Y: High Heat (Max. 120 °C)		
Pleat Depth	L	K: 48 mm L: 100 mm	M: 58 mm E: 135 mm	N: 75 mm
Flange Type	N	N: Without D: 25 mm Double W: 20 mm Double	T: 25 mm Single V: 20 mm Single B: Custom Size	
Surface Grid	1	0: Without Grid 1: Face Grid Air Outlet 2: Both Side with Grid		
Gasket Type	P	P: Polyurethane R: Rubber	X: Without Gasket E: EPDM	Y: High Heat
Gasket Direction	G	X: No C: Air Outlet G: Air Inlet W: Both Sides		
Size		0610-0610-150		

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
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		

HEPAFIL-150-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	0305-0305-150	E10	150	4,50	875	250	2,50
HF10MRLN1PG	0305-0610-150	E10	150	9,00	1750	250	3,50
HF10MRLN1PG	0457-0457-150	E10	150	10,00	1950	250	3,80
HF10MRLN1PG	0457-0610-150	E10	150	13,50	2600	250	4,50
HF10MRLN1PG	0610-0610-150	E10	150	18,00	3500	250	5,00
HF10MRLN1PG	0610-0762-150	E10	150	22,50	4350	250	8,50
HF10MRLN1PG	0610-0915-150	E10	150	27,00	5250	250	10,00
HF10MRLN1PG	0610-1220-150	E10	150	36,00	7000	250	12,50
HF10MRLN1PG	0762-0762-150	E10	150	28,00	5450	250	10,00
HF10MRLN1PG	0762-0915-150	E10	150	33,50	6550	250	11,00
HF10MRLN1PG	0915-0915-150	E10	150	40,50	7850	250	14,50

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	0305-0305-150	E11	150	4,50	775	250	2,50
HF11MRLN1PG	0305-0610-150	E11	150	9,00	1550	250	3,50
HF11MRLN1PG	0457-0457-150	E11	150	10,00	1750	250	3,80
HF11MRLN1PG	0457-0610-150	E11	150	13,50	2300	250	4,50
HF11MRLN1PG	0610-0610-150	E11	150	18,00	3100	250	5,00
HF11MRLN1PG	0610-0762-150	E11	150	22,50	3850	250	8,50
HF11MRLN1PG	0610-0915-150	E11	150	27,00	4650	250	10,00
HF11MRLN1PG	0610-1220-150	E11	150	36,00	6200	250	12,50
HF11MRLN1PG	0762-0762-150	E11	150	28,00	4850	250	10,00
HF11MRLN1PG	0762-0915-150	E11	150	33,50	6950	250	11,00
HF11MRLN1PG	0915-0915-150	E11	150	40,50	5800	250	14,50

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	0305-0305-150	E12	150	4,50	525	250	2,50
HF12MRLN1PG	0305-0610-150	E12	150	9,00	1050	250	3,50
HF12MRLN1PG	0457-0457-150	E12	150	10,00	1150	250	3,80
HF12MRLN1PG	0457-0610-150	E12	150	13,50	1550	250	4,50
HF12MRLN1PG	0610-0610-150	E12	150	18,00	2100	250	5,00
HF12MRLN1PG	0610-0762-150	E12	150	22,50	2600	250	8,50
HF12MRLN1PG	0610-0915-150	E12	150	27,00	3150	250	10,00
HF12MRLN1PG	0610-1220-150	E12	150	36,00	4200	250	12,50
HF12MRLN1PG	0762-0762-150	E12	150	28,00	3250	250	10,00
HF12MRLN1PG	0762-0915-150	E12	150	33,50	3900	250	11,00
HF12MRLN1PG	0915-0915-150	E12	150	40,50	4725	250	14,50

HEPAFIL-150

Turbulent Flow Absolute Filters



HF13MRLN1PG-0610-0610-150



HF13GRLN1PG-0610-0610-150

FILTER CODE STRUCTURE

Type	HF	HEPAFIL-150		
Class EN 1822	13	H13		
Frame	M	M: Wooden G: Galvanized	A: Aluminum T: SS 304	S: SS 316
Media	R	R: Micro Glass Fibre Y: High Heat (Max. 120 °C)		
Pleat Depth	L	K: 48 mm L: 100 mm	M: 58 mm E: 135 mm	N: 75 mm
Flange Type	N	N: Without D: 25 mm Double W: 20 mm Double	T: 25 mm Single V: 20 mm Single B: Custom Size	
Surface Grid	1	0: Without Grid 1: Face Grid Air Outlet 2: Both Side with Grid		
Gasket Type	P	P: Polyurethane R: Rubber	X: Without Gasket E: EPDM	Y: High Heat
Gasket Direction	G	X: No C: Air Outlet G: Air Inlet W: Both Sides		
Size		0610-0610-150		

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	H13	H14	U15
Av. Efficiency EN 1822	≥ 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		

HEPAFIL-150-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
HF13MRLN1PG	0305-0305-150	H13	150	4,50	450	250	2,50
HF13MRLN1PG	0305-0610-150	H13	150	9,00	900	250	3,50
HF13MRLN1PG	0457-0457-150	H13	150	10,00	1000	250	3,80
HF13MRLN1PG	0457-0610-150	H13	150	13,50	1300	250	4,50
HF13MRLN1PG	0610-0610-150	H13	150	18,00	1800	250	5,00
HF13MRLN1PG	0610-0762-150	H13	150	22,50	2200	250	8,50
HF13MRLN1PG	0610-0915-150	H13	150	27,00	2700	250	10,00
HF13MRLN1PG	0610-1220-150	H13	150	36,00	3700	250	12,50
HF13MRLN1PG	0762-0762-150	H13	150	28,00	2900	250	10,00
HF13MRLN1PG	0762-0915-150	H13	150	33,50	3500	250	11,00
HF13MRLN1PG	0915-0915-150	H13	150	40,50	4200	250	14,50

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	0305-0305-150	H14	150	4,50	400	250	2,50
HF14MRLN1PG	0305-0610-150	H14	150	9,00	800	250	3,50
HF14MRLN1PG	0457-0457-150	H14	150	10,00	900	250	3,80
HF14MRLN1PG	0457-0610-150	H14	150	13,50	1100	250	4,50
HF14MRLN1PG	0610-0610-150	H14	150	18,00	1600	250	5,00
HF14MRLN1PG	0610-0762-150	H14	150	22,50	2000	250	8,50
HF14MRLN1PG	0610-0915-150	H14	150	27,00	2400	250	10,00
HF14MRLN1PG	0610-1220-150	H14	150	36,00	3300	250	12,50
HF14MRLN1PG	0762-0762-150	H14	150	28,00	2600	250	10,00
HF14MRLN1PG	0762-0915-150	H14	150	33,50	3100	250	11,00
HF14MRLN1PG	0915-0915-150	H14	150	40,50	3800	250	14,50

HEPAFIL-150

Turbulent Flow Absolute Filters



HF13MREN1PG-0610-0610-150



HF13GREN1PG-0610-0610-150

FILTER CODE STRUCTURE

Type	HF	HEPAFIL-150
Class EN 1822	13	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	E	K: 48 mm M: 58 mm N: 75 mm L: 100 mm E: 135 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		0610-0610-150

APPLICATIONS

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

- **DEEP PLEAT**
- **HIGH AIR FLOW**
- **LOW PRESSURE DROP**

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		

HEPAFIL-150-MRE 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
HF10MREN1PG	0305-0305-150	E10	150	5,00	925	250	3,00
HF10MREN1PG	0305-0610-150	E10	150	11,30	1850	250	5,00
HF10MREN1PG	0457-0457-150	E10	150	11,50	2050	250	5,50
HF10MREN1PG	0457-0610-150	E10	150	11,50	2750	250	6,50
HF10MREN1PG	0610-0610-150	E10	150	20,50	3700	250	8,00
HF10MREN1PG	0610-0762-150	E10	150	25,50	4600	250	9,50
HF10MREN1PG	0610-0915-150	E10	150	31,00	5525	250	11,00
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
HF11MREN1PG	0305-0305-150	E11	150	5,00	750	250	3,00
HF11MREN1PG	0305-0610-150	E11	150	11,30	1500	250	5,00
HF11MREN1PG	0457-0457-150	E11	150	11,50	1650	250	5,50
HF11MREN1PG	0457-0610-150	E11	150	11,50	2200	250	6,50
HF11MREN1PG	0610-0610-150	E11	150	20,50	2950	250	8,00
HF11MREN1PG	0610-0762-150	E11	150	25,50	3700	250	9,50
HF11MREN1PG	0610-0915-150	E11	150	31,00	4400	250	11,00
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
HF12MREN1PG	0305-0305-150	E12	150	5,00	575	250	3,00
HF12MREN1PG	0305-0610-150	E12	150	11,30	1150	250	5,00
HF12MREN1PG	0457-0457-150	E12	150	11,50	1300	250	5,50
HF12MREN1PG	0457-0610-150	E12	150	11,50	1700	250	6,50
HF12MREN1PG	0610-0610-150	E12	150	20,50	2300	250	8,00
HF12MREN1PG	0610-0762-150	E12	150	25,50	2850	250	9,50
HF12MREN1PG	0610-0915-150	E12	150	31,00	3450	250	11,00

HEPAFIL-150

Turbulent Flow Absolute Filters



HF13MREN1PG-0610-0610-150



HF13GREN1PG-0610-0610-150

FILTER CODE STRUCTURE

Type	HF	HEPAFIL-150
Class EN 1822	13	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	E	K: 48 mm M: 58 mm N: 75 mm L: 100 mm E: 135 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		0610-0610-150

APPLICATIONS

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

- **DEEP PLEAT**
- **HIGH AIR FLOW**
- **LOW PRESSURE DROP**

TECHNICAL SPECIFICATIONS

Class EN 1822	H13	H14	U15
Av. Efficiency EN 1822	≥ 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		

HEPAFIL-150-MRE 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
HF13MREN1PG	0305-0305-150	H13	150	5,00	550	250	3,00
HF13MREN1PG	0305-0610-150	H13	150	11,30	1050	250	5,00
HF13MREN1PG	0457-0457-150	H13	150	11,50	1150	250	5,50
HF13MREN1PG	0457-0610-150	H13	150	11,50	1550	250	6,50
HF13MREN1PG	0610-0610-150	H13	150	20,50	2100	250	8,00
HF13MREN1PG	0610-0762-150	H13	150	25,50	2600	250	9,50
HF13MREN1PG	0610-0915-150	H13	150	31,00	3125	250	11,00
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
HF14MREN1PG	0305-0305-150	H14	150	5,00	500	250	3,00
HF14MREN1PG	0305-0610-150	H14	150	11,30	975	250	5,00
HF14MREN1PG	0457-0457-150	H14	150	11,50	1050	250	5,50
HF14MREN1PG	0457-0610-150	H14	150	11,50	1425	250	6,50
HF14MREN1PG	0610-0610-150	H14	150	20,50	1950	250	8,00
HF14MREN1PG	0610-0762-150	H14	150	25,50	2400	250	9,50
HF14MREN1PG	0610-0915-150	H14	150	31,00	2900	250	11,00

HEPAFIL-292

Turbulent Flow Absolute Filters



HF13MRLN1PG-0610-0610-292



HF13GRLN1PG-0610-0610-292

FILTER CODE STRUCTURE

Type	HF	HEPAFIL-292
Class EN 1822	13	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

HEPAFIL-292

Turbulent Flow Absolute Filters



HF13MREN1PG-0610-0610-292



HF13GREN1PG-0610-0610-292

FILTER CODE STRUCTURE

Type	HF	HEPAFIL-292
Class EN 1822	13	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	E	K: 48 mm M: 58 mm N: 75 mm L: 100 mm E: 135 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

- DEEP PLEAT
- HIGH AIR FLOW
- LOW PRESSURE DROP

TECHNICAL SPECIFICATIONS

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

HEPAFIL-292-MRE 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
HF10MREN1PG	0305-0305-292	E10	292	5,50	1000	250	6,00
HF10MREN1PG	0305-0610-292	E10	292	11,25	2000	250	10,00
HF10MREN1PG	0457-0457-292	E10	292	12,50	2250	250	11,50
HF10MREN1PG	0457-0610-292	E10	292	16,80	3000	250	12,00
HF10MREN1PG	0610-0610-292	E10	292	22,50	4000	250	13,20
HF10MREN1PG	0610-0762-292	E10	292	28,00	5000	250	14,85
HF10MREN1PG	0610-0915-292	E10	292	33,75	6000	250	19,00
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
HF11MREN1PG	0305-0305-292	E11	292	5,50	800	250	6,00
HF11MREN1PG	0305-0610-292	E11	292	11,25	1600	250	10,00
HF11MREN1PG	0457-0457-292	E11	292	12,50	1800	250	11,50
HF11MREN1PG	0457-0610-292	E11	292	16,80	2400	250	12,00
HF11MREN1PG	0610-0610-292	E11	292	22,50	3200	250	13,20
HF11MREN1PG	0610-0762-292	E11	292	28,00	4000	250	14,85
HF11MREN1PG	0610-0915-292	E11	292	33,75	4800	250	19,00
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
HF12MREN1PG	0305-0305-292	E12	292	5,50	625	250	6,00
HF12MREN1PG	0305-0610-292	E12	292	11,25	1250	250	10,00
HF12MREN1PG	0457-0457-292	E12	292	12,50	1400	250	11,50
HF12MREN1PG	0457-0610-292	E12	292	16,80	1850	250	12,00
HF12MREN1PG	0610-0610-292	E12	292	22,50	2500	250	13,20
HF12MREN1PG	0610-0762-292	E12	292	28,00	3100	250	14,85
HF12MREN1PG	0610-0915-292	E12	292	33,75	3750	250	19,00
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
HF13MREN1PG	0305-0305-292	H13	292	5,50	575	250	6,00
HF13MREN1PG	0305-0610-292	H13	292	11,25	1150	250	10,00
HF13MREN1PG	0457-0457-292	H13	292	12,50	1270	250	11,50
HF13MREN1PG	0457-0610-292	H13	292	16,80	1700	250	12,00
HF13MREN1PG	0610-0610-292	H13	292	22,50	2300	250	13,20
HF13MREN1PG	0610-0762-292	H13	292	28,00	2850	250	14,85
HF13MREN1PG	0610-0915-292	H13	292	33,75	3400	250	19,00
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
HF14MREN1PG	0305-0305-292	H14	292	5,50	525	250	6,00
HF14MREN1PG	0305-0610-292	H14	292	11,25	1050	250	10,00
HF14MREN1PG	0457-0457-292	H14	292	12,50	1150	250	11,50
HF14MREN1PG	0457-0610-292	H14	292	16,80	1550	250	12,00
HF14MREN1PG	0610-0610-292	H14	292	22,50	2100	250	13,20
HF14MREN1PG	0610-0762-292	H14	292	28,00	2600	250	14,85
HF14MREN1PG	0610-0915-292	H14	292	33,75	3150	250	19,00

HEPAFIL-292

Turbulent Flow Absolute Filters



HF13MRDN1PG-0610-0610-292



HF13GRDN1PG-0610-0610-292

FILTER CODE STRUCTURE

Type	HF	HEPAFIL-292		
Class EN 1822	13	H13		
Frame	M	M: Wooden G: Galvanized	A: Aluminum T: SS 304 S: SS 316	
Media	R	R: Micro Glass Fibre Y: High Heat (Max. 120 °C)		
Pleat Depth	D	K: 48 mm L: 100 mm	M: 58 mm E: 135 mm	N: 75 mm D: 150 mm
Flange Type	N	N: Without D: 25 mm Double W: 20 mm Double	T: 25 mm Single V: 20 mm Single B: Custom Size	
Surface Grid	1	0: Without Grid 1: Face Grid Air Outlet 2: Both Side with Grid		
Gasket Type	P	P: Polyurethane R: Rubber	X: Without Gasket 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

- DEEP PLEAT
- HIGH AIR FLOW
- LOW PRESSURE DROP

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-MRD 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
HF10MRDN1PG	0305-0305-292	E10	292	6,25	1050	250	6,60
HF10MRDN1PG	0305-0610-292	E10	292	12,50	2100	250	11,00
HF10MRDN1PG	0457-0457-292	E10	292	14,00	2350	250	12,50
HF10MRDN1PG	0457-0610-292	E10	292	18,70	3150	250	13,20
HF10MRDN1PG	0610-0610-292	E10	292	25,00	4200	250	14,50
HF10MRDN1PG	0610-0762-292	E10	292	31,25	5250	250	16,25
HF10MRDN1PG	0610-0915-292	E10	292	37,50	6300	250	21,00
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
HF11MRDN1PG	0305-0305-292	E11	292	6,25	850	250	6,60
HF11MRDN1PG	0305-0610-292	E11	292	12,50	1700	250	11,00
HF11MRDN1PG	0457-0457-292	E11	292	14,00	1900	250	12,50
HF11MRDN1PG	0457-0610-292	E11	292	18,70	2550	250	13,20
HF11MRDN1PG	0610-0610-292	E11	292	25,00	3400	250	14,50
HF11MRDN1PG	0610-0762-292	E11	292	31,25	4250	250	16,25
HF11MRDN1PG	0610-0915-292	E11	292	37,50	5100	250	21,00
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
HF12MRDN1PG	0305-0305-292	E12	292	6,25	675	250	6,60
HF12MRDN1PG	0305-0610-292	E12	292	12,50	1350	250	11,00
HF12MRDN1PG	0457-0457-292	E12	292	14,00	1500	250	12,50
HF12MRDN1PG	0457-0610-292	E12	292	18,70	2000	250	13,20
HF12MRDN1PG	0610-0610-292	E12	292	25,00	2700	250	14,50
HF12MRDN1PG	0610-0762-292	E12	292	31,25	3350	250	16,25
HF12MRDN1PG	0610-0915-292	E12	292	37,50	4000	250	21,00
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
HF13MRDN1PG	0305-0305-292	H13	292	6,25	600	250	6,60
HF13MRDN1PG	0305-0610-292	H13	292	12,50	1200	250	11,00
HF13MRDN1PG	0457-0457-292	H13	292	14,00	1350	250	12,50
HF13MRDN1PG	0457-0610-292	H13	292	18,70	1800	250	13,20
HF13MRDN1PG	0610-0610-292	H13	292	25,00	2450	250	14,50
HF13MRDN1PG	0610-0762-292	H13	292	31,25	3050	250	16,25
HF13MRDN1PG	0610-0915-292	H13	292	37,50	3650	250	21,00
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
HF14MRDN1PG	0305-0305-292	H14	292	6,25	550	250	6,60
HF14MRDN1PG	0305-0610-292	H14	292	12,50	1100	250	11,00
HF14MRDN1PG	0457-0457-292	H14	292	14,00	1200	250	12,50
HF14MRDN1PG	0457-0610-292	H14	292	18,70	1650	250	13,20
HF14MRDN1PG	0610-0610-292	H14	292	25,00	2200	250	14,50
HF14MRDN1PG	0610-0762-292	H14	292	31,25	2750	250	16,25
HF14MRDN1PG	0610-0915-292	H14	292	37,50	3300	250	21,00

HEPAFIL-292

Turbulent Flow Absolute Filters



HF13MRBN1PG-0610-0610-292



HF13GRBN1PG-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
- Other dimensions on demand
- Pressure drop $\pm 15\%$
- Deep pleat
- High air flow
- Low pressure drop

FILTER CODE STRUCTURE

Type	HF	HEPAFIL-292		
Class EN 1822	13	H13		
Frame	M	M: Wooden G: Galvanized	A: Aluminum T: SS 304	S: SS 316
Media	R	R: Micro Glass Fibre Y: High Heat (Max. 120 °C)		
Pleat Depth	B	K: 48 mm L: 100 mm J: 180 mm B: 250 mm	M: 58 mm E: 135 mm U: 200 mm	N: 75 mm D: 150 mm A: 225 mm
Flange Type	N	N: Without D: 25 mm Double W: 20 mm Double	T: 25 mm Single V: 20 mm Single B: Custom Size	
Surface Grid	1	0: Without Grid 1: Face Grid Air Outlet 2: Both Side with Grid		
Gasket Type	P	P: Polyurethane R: Rubber	X: Without Gasket E: EPDM	Y: High Heat
Gasket Direction	G	X: No C: Air Outlet G: Air Inlet W: Both Sides		
Size		0610-0610-292		

TECHNICAL SPECIFICATIONS

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

HEPAFIL-292 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
HF10MRBN1PG	0305-0305-292	E10	292	7,00	1250	250	5,50
HF10MRBN1PG	0305-0610-292	E10	292	14,00	2500	250	9,20
HF10MRBN1PG	0457-0457-292	E10	292	15,80	2800	250	10,50
HF10MRBN1PG	0457-0610-292	E10	292	21,00	3750	250	11,00
HF10MRBN1PG	0610-0610-292	E10	292	28,00	5000	250	12,00
HF10MRBN1PG	0610-0762-292	E10	292	35,00	6300	250	13,50
HF10MRBN1PG	0610-0915-292	E10	292	42,00	7500	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
HF11MRBN1PG	0305-0305-292	E11	292	7,00	1000	250	5,50
HF11MRBN1PG	0305-0610-292	E11	292	14,00	2040	250	9,20
HF11MRBN1PG	0457-0457-292	E11	292	15,80	2250	250	10,50
HF11MRBN1PG	0457-0610-292	E11	292	21,00	3050	250	11,00
HF11MRBN1PG	0610-0610-292	E11	292	28,00	4050	250	12,00
HF11MRBN1PG	0610-0762-292	E11	292	35,00	5100	250	13,50
HF11MRBN1PG	0610-0915-292	E11	292	42,00	6100	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
HF12MRBN1PG	0305-0305-292	E12	292	7,00	800	250	5,50
HF12MRBN1PG	0305-0610-292	E12	292	14,00	1600	250	9,20
HF12MRBN1PG	0457-0457-292	E12	292	15,80	1800	250	10,50
HF12MRBN1PG	0457-0610-292	E12	292	21,00	2400	250	11,00
HF12MRBN1PG	0610-0610-292	E12	292	28,00	3250	250	12,00
HF12MRBN1PG	0610-0762-292	E12	292	35,00	4050	250	13,50
HF12MRBN1PG	0610-0915-292	E12	292	42,00	4850	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
HF13MRBN1PG	0305-0305-292	H13	292	7,00	700	250	5,50
HF13MRBN1PG	0305-0610-292	H13	292	14,00	1400	250	9,20
HF13MRBN1PG	0457-0457-292	H13	292	15,80	1580	250	10,50
HF13MRBN1PG	0457-0610-292	H13	292	21,00	2100	250	11,00
HF13MRBN1PG	0610-0610-292	H13	292	28,00	2850	250	12,00
HF13MRBN1PG	0610-0762-292	H13	292	35,00	3550	250	13,50
HF13MRBN1PG	0610-0915-292	H13	292	42,00	4300	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
HF14MRBN1PG	0305-0305-292	H14	292	7,00	660	250	5,50
HF14MRBN1PG	0305-0610-292	H14	292	14,00	1320	250	9,20
HF14MRBN1PG	0457-0457-292	H14	292	15,80	1450	250	10,50
HF14MRBN1PG	0457-0610-292	H14	292	21,00	1950	250	11,00
HF14MRBN1PG	0610-0610-292	H14	292	28,00	2600	250	12,00
HF14MRBN1PG	0610-0762-292	H14	292	35,00	3250	250	13,50
HF14MRBN1PG	0610-0915-292	H14	292	42,00	3950	250	17,50

HEPA-V

High Capacity V-Type Hepa Filters



HV13GR40NOPG-0610-0610-292

FILTER CODE STRUCTURE

Type	HV	HEPA-V
Class EN 1822	13	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 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				

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

HEPA-V

High Capacity V-Type Hepa Filters



HV13GR36NOPG-0610-0610-292

FILTER CODE STRUCTURE

Type	HV	HEPA-V
Class EN 1822	13	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	36	36: 36 m ² 40: 40 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 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				

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
HV10GR09N0PG	0305-0305-292	E10	292	9,00	1250	250	7,00
HV10GR18N0PG	0305-0610-292	E10	292	18,00	2500	250	11,00
HV10GR26N0PG	0457-0610-292	E10	292	26,00	3700	250	16,00
HV10GR36N0PG	0610-0610-292	E10	292	36,00	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
HV11GR09N0PG	0305-0305-292	E11	292	9,00	1175	250	7,00
HV11GR18N0PG	0305-0610-292	E11	292	18,00	2350	250	11,00
HV11GR26N0PG	0457-0610-292	E11	292	26,00	3520	250	16,00
HV11GR36N0PG	0610-0610-292	E11	292	36,00	4700	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
HV12GR09N0PG	0305-0305-292	E12	292	9,00	875	250	7,00
HV12GR18N0PG	0305-0610-292	E12	292	18,00	1750	250	11,00
HV12GR26N0PG	0457-0610-292	E12	292	26,00	2500	250	16,00
HV12GR36N0PG	0610-0610-292	E12	292	36,00	3500	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
HV13GR09N0PG	0305-0305-292	H13	292	9,00	850	250	7,00
HV13GR18N0PG	0305-0610-292	H13	292	18,00	1700	250	11,00
HV13GR26N0PG	0457-0610-292	H13	292	26,00	2550	250	16,00
HV13GR36N0PG	0610-0610-292	H13	292	36,00	3400	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
HV14GR09N0PG	0305-0305-292	H14	292	9,00	750	250	7,00
HV14GR18N0PG	0305-0610-292	H14	292	18,00	1500	250	11,00
HV14GR26N0PG	0457-0610-292	H14	292	26,00	2150	250	16,00
HV14GR36N0PG	0610-0610-292	H14	292	36,00	3000	250	20,00

HEPA-V

High Capacity V-Type Hepa Filters



HV13PR5B400PG-0610-0610-292

FILTER CODE STRUCTURE

Type	HV	HEPA-V
Class EN1822	13	H13
Frame	P	Plastic
Media	R	R: Micro Glass Fibre Y: High Heat (Max. 120 °C)
Rigid Pocket Pieces	5	5: 5 Rigid Pockets 2: 2 Rigid Pockets
Frame Color	B	B: White S: Black
Media Area	40	40: 40 m ² 36: 36 m ²
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

- High capacity, high efficiency absolute air filtration
- Clean room ventilation systems
- Used in microelectronics, food, photography, data centers, hospital, medical equipment industry

TECHNICAL SPECIFICATIONS

Class	E10	E11	E12	H13	H14
EN1822					
Av. Efficiency	≥85%	≥95%	≥99.5%	≥99.95 %	≥99.995 %
EN1822					
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
HV10PR2B200PG	0305-0610-292	E10	292	20,00	2700	250	11,00
HV10PR5B400PG	0610-0610-292	E10	292	40,00	5400	250	20,00
HV10PR2B200PG	0287-0592-292	E10	292	20,00	2700	250	11,00
HV10PR5B400PG	0592-0592-292	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
HV11PR2B200PG	0305-0610-292	E11	292	20,00	2500	250	11,00
HV11PR5B400PG	0610-0610-292	E11	292	40,00	5000	250	20,00
HV11PR2B200PG	0287-0592-292	E11	292	20,00	2500	250	11,00
HV11PR5B400PG	0592-0592-292	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
HV12PR2B200PG	0305-0610-292	E12	292	20,00	2000	250	11,00
HV12PR5B400PG	0610-0610-292	E12	292	40,00	4000	250	20,00
HV12PR2B200PG	0287-0592-292	E12	292	20,00	2000	250	11,00
HV12PR5B400PG	0592-0592-292	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
HV13PR2B200PG	0305-0610-292	H13	292	20,00	2000	270	11,00
HV13PR5B400PG	0610-0610-292	H13	292	40,00	4000	270	20,00
HV13PR2B200PG	0287-0592-292	H13	292	20,00	2000	270	11,00
HV13PR5B400PG	0592-0592-292	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
HV14PR2B200PG	0305-0610-292	H14	292	20,00	1700	280	11,00
HV14PR5B400PG	0610-0610-292	H14	292	40,00	3400	280	20,00
HV14PR2B200PG	0287-0592-292	H14	292	20,00	1700	280	11,00
HV14PR5B400PG	0592-0592-292	H14	292	40,00	3400	280	20,00

HEPA-V

High Capacity V-Type Hepa Filters



HV13PR5B360PG-0610-0610-292

FILTER CODE STRUCTURE

Type	HV	HEPA-V
Class EN1822	13	H13
Frame	P	Plastic
Media	R	R: Micro Glass Fibre Y: High Heat (Max. 120 °C)
Rigid Pocket Pieces	5	5: 5 Rigid Pockets 2: 2 Rigid Pockets
Frame Color	B	B: White S: Black
Media Area	36	40: 40 m ² 36: 36 m ²
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

- High capacity, high efficiency absolute air filtration
- Clean room ventilation systems
- Used in microelectronics, food, photography, data centers, hospital, medical equipment industry

TECHNICAL SPECIFICATIONS

Class	E10	E11	E12	H13	H14
EN1822					
Av. Efficiency	≥85%	≥95%	≥99.5%	≥99.95 %	≥99.995 %
EN1822					
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 WxLxD	Filter Class EN 1822	Depth mm	Area m ²	Air Flow m ³ /h	In.Pressure Drop (pa)	Weight kg
HV10PR2B180PG	0305-0610-292	E10	292	18,00	2500	250	11,00
HV10PR5B360PG	0610-0610-292	E10	292	36,00	5000	250	20,00
HV10PR2B180PG	0287-0592-292	E10	292	18,00	2500	250	11,00
HV10PR5B360PG	0592-0592-292	E10	292	36,00	5000	250	20,00

Code	Size WxLxD	Filter Class EN 1822	Depth mm	Area m ²	Air Flow m ³ /h	In.Pressure Drop (pa)	Weight kg
HV11PR2B180PG	0305-0610-292	E11	292	18,00	2350	250	11,00
HV11PR5B360PG	0610-0610-292	E11	292	36,00	4700	250	20,00
HV11PR2B180PG	0287-0592-292	E11	292	18,00	2350	250	11,00
HV11PR5B360PG	0592-0592-292	E11	292	36,00	4700	250	20,00

Code	Size WxLxD	Filter Class EN 1822	Depth mm	Area m ²	Air Flow m ³ /h	In.Pressure Drop (pa)	Weight kg
HV12PR2B180PG	0305-0610-292	E12	292	18,00	1750	250	11,00
HV12PR5B360PG	0610-0610-292	E12	292	36,00	3500	250	20,00
HV12PR2B180PG	0287-0592-292	E12	292	18,00	1750	250	11,00
HV12PR5B360PG	0592-0592-292	E12	292	36,00	3500	250	20,00

Code	Size WxLxD	Filter Class EN 1822	Depth mm	Area m ²	Air Flow m ³ /h	In.Pressure Drop (pa)	Weight kg
HV13PR2B180PG	0305-0610-292	H13	292	18,00	1700	270	11,00
HV13PR5B360PG	0610-0610-292	H13	292	36,00	3400	270	20,00
HV13PR2B180PG	0287-0592-292	H13	292	18,00	1700	270	11,00
HV13PR5B360PG	0592-0592-292	H13	292	36,00	3400	270	20,00

Code	Size WxLxD	Filter Class EN 1822	Depth mm	Area m ²	Air Flow m ³ /h	In.Pressure Drop (pa)	Weight kg
HV14PR2B180PG	0305-0610-292	H14	292	18,00	1500	280	11,00
HV14PR5B360PG	0610-0610-292	H14	292	36,00	3000	280	20,00
HV14PR2B180PG	0287-0592-292	H14	292	18,00	1500	280	11,00
HV14PR5B360PG	0592-0592-292	H14	292	36,00	3000	280	20,00

HEPAHOOD

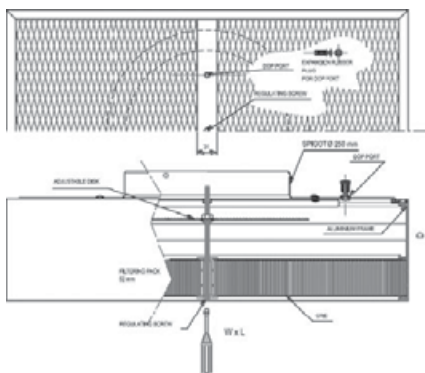
Hepa Terminal Hood Filter



HH13ARTU25P-0610-0610-150

APPLICATIONS

Hepa-hood are used by pharmaceutical, electronics, food processing and other industries requiring a very high degree of clean air they are designed for use in laminar flow clean rooms the hoods are typically installed in an inverted T-bar grid suspended from the ceiling. When a unit reaches its maximum recommended resistance, the entire module is discarded



FILTER CODE STRUCTURE

Type	HH	HEPAHOOD
Class EN1822	13	H13
Frame	A	A: Aluminum G: Galvanized T: SS 304 S: SS 316
Media	R	R: Micro Glass Fibre Y: High Heat (Max. 120 °C)
Air Inlet Connection	T	T: Single Spigot D: Double Spigot
Hardware Type	U	U: Flat Surface / Fixed Disk / Back Cover With DOP & Pa Prob F: Flat Surface / Fixed Disk / Back Cover With 1 Pneumatic Prob S: Divided Surface / Fixed Disk / CRS With DOP Prob W: Divided Surface / Adjustable Disk Control CRS / Back Cover With DOP & Pa Prob D: Divided Surface / Butterfly Damper Control CRS / Back Cover With 1 Pneumatic Prob & RS DOP Prob
Connection Diameter	25	15: 150 mm - 20: 200 mm - 25: 250 mm
Gasket Type	P	P: Polyurethane X: Without Gasket E: EPDM R: Rubber
Size	0610-0610-150	

TECHNICAL SPECIFICATIONS

Class EN1822	E10	E11	E12	H13	H14	U15
Av. Efficiency EN1822	≥85%	≥95%	≥99.5%	≥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					

HEPAHOOD-125 & 150 Series Technical Data

Code	Size W x L x D	Filter Class EN 1822	Depth mm	Spigot Ø Diameter mm	Air Flow m³/h	In.Pressure Drop (pa)	Weight kg
HH13ARTU20P	0305-0610-125	H13	125	200	300	120	7,00
HH13ARTU25P	0610-0610-125	H13	125	250	600	120	10,00
HH13ARTU25P	0610-0915-125	H13	125	250	900	120	13,00
HH13ARTU30P	0610-1220-125	H13	125	300	1200	120	16,00

Code	Size W x L x D	Filter Class EN 1822	Depth mm	Spigot Ø Diameter mm	Air Flow m³/h	In.Pressure Drop (pa)	Weight kg
HH14ARTU20P	0305-0610-125	H14	125	200	300	130	7,00
HH14ARTU25P	0610-0610-125	H14	125	250	600	130	10,00
HH14ARTU25P	0610-0915-125	H14	125	250	900	130	13,00
HH14ARTU30P	0610-1220-125	H14	125	300	1200	130	16,00

Code	Size W x L x D	Filter Class EN 1822	Depth mm	Spigot Ø Diameter mm	Air Flow m³/h	In.Pressure Drop (pa)	Weight kg
HH15ARTU20P	0305-0610-125	U15	125	200	300	150	7,00
HH15ARTU25P	0610-0610-125	U15	125	250	600	150	10,00
HH15ARTU25P	0610-0915-125	U15	125	250	900	150	13,00
HH15ARTU30P	0610-1220-125	U15	125	300	1200	150	16,00

Code	Size W x L x D	Filter Class EN 1822	Depth mm	Spigot Ø Diameter mm	Air Flow m³/h	In.Pressure Drop (pa)	Weight kg
HH13ARTU20P	0305-0610-150	H13	150	200	300	120	7,00
HH13ARTU25P	0610-0610-150	H13	150	250	600	120	10,00
HH13ARTU25P	0610-0915-150	H13	150	250	900	120	13,00
HH13ARTU30P	0610-1220-150	H13	150	300	1200	120	16,00

Code	Size W x L x D	Filter Class EN 1822	Depth mm	Spigot Ø Diameter mm	Air Flow m³/h	In.Pressure Drop (pa)	Weight kg
HH14ARTU20P	0305-0610-150	H14	150	200	300	130	7,00
HH14ARTU25P	0610-0610-150	H14	150	250	600	130	10,00
HH14ARTU25P	0610-0915-150	H14	150	250	900	130	13,00
HH14ARTU30P	0610-1220-150	H14	150	300	1200	130	16,00

Code	Size W x L x D	Filter Class EN 1822	Depth mm	Spigot Ø Diameter mm	Air Flow m³/h	In.Pressure Drop (pa)	Weight kg
HH15ARTU20P	0305-0610-150	U15	150	200	300	150	7,00
HH15ARTU25P	0610-0610-150	U15	150	250	600	150	10,00
HH15ARTU25P	0610-0915-150	U15	150	250	900	150	13,00
HH15ARTU30P	0610-1220-150	U15	150	300	1200	150	16,00

MULTIFIL-HE 292

High Efficiency Rigid Pocket Filters



MF13P4B25AR24PC-0592-0592-292

FILTER CODE STRUCTURE

Type	MF	MULTIFIL-HE 292
Class EN1822	13	H13
Frame	P	Plastic
Rigid Pocket Pieces	4	4 Rigid Pocket
Color	B	B: White S: Black
Flange Thickness	25	25: 25 mm - 20: 20 mm
Frame Mold Type	A	A: 25 mm Flange B: 20 mm Flange C: 25 mm & 20 mm Flange
Media	R	R: Micro Glass Fibre Y: High Heat Glass Fibre (120 °C)
Media Area	24	24 m ²
Gasket Type	P	X: Without Gasket P: Polyurethane R: Rubber E: EPDM
Gasket Direction	C	X: No C: Air Outlet G: Air Inlet W: Both Side
Size		0592-0592-292

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

MULTIFIL-HE 292 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
MF10P4B25AR12PC	0287-0592-292	E10	292	11,00	1700	170	4,00
MF10P4B25AR20PC	0490-0592-292	E10	292	18,00	2800	170	6,00
MF10P4B25AR21PC	0592-0592-292	E10	292	21,00	3400	170	7,00

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
MF11P4B25AR12PC	0287-0592-292	E11	292	11,00	1700	200	4,00
MF11P4B25AR20PC	0490-0592-292	E11	292	18,00	2800	200	6,00
MF11P4B25AR21PC	0592-0592-292	E11	292	21,00	3400	200	7,00

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
MF12P4B25AR12PC	0287-0592-292	E12	292	12,00	1250	240	4,00
MF12P4B25AR20PC	0490-0592-292	E12	292	20,00	2000	240	6,00
MF12P4B25AR21PC	0592-0592-292	E12	292	24,00	2500	240	7,00

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
MF13P4B25AR12PC	0287-0592-292	H13	292	12,00	1250	280	4,00
MF13P4B25AR20PC	0490-0592-292	H13	292	20,00	2000	280	6,00
MF13P4B25AR24PC	0592-0592-292	H13	292	24,00	2500	280	7,00

MULTIFIL-HE 420

High Efficiency Rigid Pocket Filters



MF13P4B25AR32PG-0592-0592-420

APPLICATIONS

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

FILTER CODE STRUCTURE

Type	MF	MULTIFIL-HE 420
Class EN1822	13	H13
Frame	P	Plastic
Rigid Pocket Pieces	4	4 Rigid Pocket
Color	B	B: White S: Black
Flange Thickness	25	25: 25 mm 20: 20 mm
Frame Mold Type	A	A: 25 mm Flange B: 20 mm Flange C: 25 mm & 20 mm Flange
Media	R	R: Micro Glass Fibre Y: High Heat Glass Fibre (120 °C)
Media Area	32	32 m ²
Gasket Type	P	X: Without Gasket P: Polyurethane R: Rubber E: EPDM
Gasket Direction	C	X: No C: Air Outlet G: Air Inlet W: Both Side
Size		0592-0592-420

TECHNICAL SPECIFICATIONS

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

MULTIFIL-HE 420 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
MF10P4B25AR16PC	0287-0592-420	E10	420	16,00	1700	135	5,00
MF10P4B25AR24PC	0490-0592-420	E10	420	24,00	2800	135	8,50
MF10P4B25AR32PC	0592-0592-420	E10	420	32,00	3400	135	9,00

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
MF11P4B25AR16PC	0287-0592-420	E11	420	16,00	1700	155	5,00
MF11P4B25AR24PC	0490-0592-420	E11	420	24,00	2800	155	8,50
MF11P4B25AR32PC	0592-0592-420	E11	420	32,00	3400	155	9,00

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
MF12P4B25AR16PC	0287-0592-420	E12	420	16,00	1700	200	5,00
MF12P4B25AR24PC	0490-0592-420	E12	420	24,00	2800	200	8,50
MF12P4B25AR32PC	0592-0592-420	E12	420	32,00	3400	200	9,00

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
MF13P4B25AR16PC	0287-0592-420	H13	420	16,00	1700	250	5,00
MF13P4B25AR24PC	0490-0592-420	H13	420	24,00	2800	250	8,50
MF13P4B25AR32PC	0592-0592-420	H13	420	32,00	3400	250	9,00

MULTITUR-HE 292

High Efficiency Rigid Pocket Filters



MT13P4B25AR24PC-0592-0592-292

FILTER CODE STRUCTURE

Type	MT	MULTITUR-HE 292
Class EN1822	13	H13
Frame	P	Plastic
Rigid Pocket Pieces	4	4 Rigid Pocket
Color	B	B: White S: Black
Flange Thickness	25	25: 25 mm - 20: 20 mm
Frame Mold Type	A	A: 25 mm Flange B: 20 mm Flange C: 25 mm & 20 mm Flange
Media	R	R: Micro Glass Fibre Y: High Heat Glass Fibre (120 °C)
Media Area	24	24 m ²
Gasket Type	P	X: Without Gasket P: Polyurethane R: Rubber E: EPDM
Gasket Direction	C	X: No C: Air Outlet G: Air Inlet W: Both Side
Size		0592-0592-292

APPLICATIONS

- EPA-HEPA Filters absolute air filtration
- High efficiency air filtration
- Reduced dimensions and high flow filter units
- Especially for gas turbine and compressor
- Deep V type increased surface provides high flow rate
- Lower initial pressure drop compared to standard rigid pocket
- Air outlet direction wire and gasket

TECHNICAL SPECIFICATIONS

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

MULTITUR-HE 292 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
MT10P4B25AR12PC	0287-0592-292	E10	292	12,00	1700	170	4,50
MT10P4B25AR20PC	0490-0592-292	E10	292	20,00	2800	170	6,00
MT10P4B25AR24PC	0592-0592-292	E10	292	24,00	3400	170	7,00

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
MT11P4B25AR12PC	0287-0592-292	E11	292	12,00	1700	200	4,50
MT11P4B25AR20PC	0490-0592-292	E11	292	20,00	2800	200	5,00
MT11P4B25AR24PC	0592-0592-292	E11	292	24,00	3400	200	6,50

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
MT12P4B25AR12PC	0287-0592-292	E12	292	12,00	1250	240	5,00
MT12P4B25AR20PC	0490-0592-292	E12	292	20,00	2000	240	6,50
MT12P4B25AR24PC	0592-0592-292	E12	292	24,00	2500	240	7,50

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
MT13P4B25AR12PC	0287-0592-292	H13	292	12,00	1250	280	5,00
MT13P4B25AR20PC	0490-0592-292	H13	292	20,00	2000	280	6,50
MT13P4B25AR24PC	0592-0592-292	H13	292	24,00	2500	280	7,50

MULTITUR-HE 420

High Efficiency Rigid Pocket Filters



MT13P4B25AR32PC-0592-0592-420

FILTER CODE STRUCTURE

Type	MT	MULTITUR-HE 420
Class EN1822	13	H13
Frame	P	Plastic
Rigid Pocket Pieces	4	4 Rigid Pocket
Color	B	B: White S: Black
Flange Thickness	25	25: 25 mm - 20: 20 mm
Frame Mold Type	A	A: 25 mm Flange B: 20 mm Flange C: 25 mm & 20 mm Flange
Media	R	R: Micro Glass Fibre Y: High Heat Glass Fibre (120 °C)
Media Area	32	32 m ²
Gasket Type	P	X: Without Gasket P: Polyurethane R: Rubber E: EPDM
Gasket Direction	C	X: No C: Air Outlet G: Air Inlet W: Both Side
Size		0592-0592-420

APPLICATIONS

- EPA-HEPA Filters absolute air filtration
- High efficiency air filtration
- Reduced dimensions and high flow filter units
- Especially for gas turbine and compressor
- Deep V type increased surface provides high flow rate
- Lower initial pressure drop compared to standard rigid pocket
- Air outlet direction wire and gasket

TECHNICAL SPECIFICATIONS

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

MULTITUR-HE 420 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
MT10P4B25AR16PC	0287-0592-420	E10	420	16,00	1700	135	5,00
MT10P4B25AR24PC	0490-0592-420	E10	420	24,00	2800	135	8,50
MT10P4B25AR32PC	0592-0592-420	E10	420	32,00	3400	135	9,00

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
MT11P4B25AR16PC	0287-0592-420	E11	420	16,00	1700	155	5,00
MT11P4B25AR24PC	0490-0592-420	E11	420	24,00	2800	155	8,50
MT11P4B25AR32PC	0592-0592-420	E11	420	32,00	3400	155	9,00

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
MT12P4B25AR16PC	0287-0592-420	E12	420	16,00	1700	200	5,00
MT12P4B25AR24PC	0490-0592-420	E12	420	24,00	2800	200	8,50
MT12P4B25AR32PC	0592-0592-420	E12	420	32,00	3400	200	9,00

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
MT13P4B25AR16PC	0287-0592-420	H13	420	16,00	1700	250	5,00
MT13P4B25AR24PC	0490-0592-420	H13	420	24,00	2800	250	8,50
MT13P4B25AR32PC	0592-0592-420	H13	420	32,00	3400	250	9,00

V-SINGLE

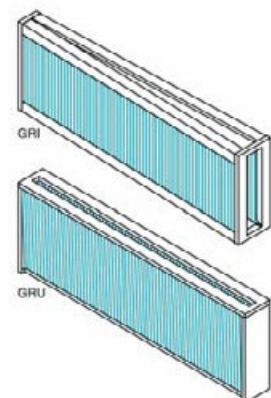
V-SINGLE Absolute Filters



VS11GRINOXX-087-303-600

APPLICATIONS

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



FILTER CODE STRUCTURE

Type	VS	V-SINGLE
Class EN1822	11	E11
Frame	G	G : Galvanized A : Aluminum T : SS 304 S : SS 316
Media	R	R : Micro Glass Fibre Y : High Heat (Max. 120 °C)
Air Entrance Side	I	I : Short Entrance U : Long Entrance Y : Custom
Flanged or without flanges	N	N : Without Flanges T : With Flange
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
Size		087-303-600

TECHNICAL SPECIFICATIONS

Class EN1822	F8 (ISO 16890)	F9 (ISO 16890)	E11 (EN1822)	H13 (EN1822)
Av. Efficiency	ePM1 75%	ePM1 85%	≥95%	≥99.95 %
Max. Temperature	80°C (Optional max. 120 °C)			
Relative Humidity	100 %			
Rec. Final Pres. Drop	600 Pa.			
Filter Stage	III - IV			

V-SINGLE Series Technical Data

Code	Size WxLxD	Filter Class EN 779-2012	Area m ²	Air Flow m ³ /h	In.Pressure Drop (pa)	Weight kg
VS08GRIN0PG	087-202-600	F8	3,20	200	100	1,80
VS08GRIN0PG	065-202-600	F8	3,20	200	60	1,80
VS08GRIN0PG	087-303-600	F8	5,00	300	105	2,00
VS08GRIN0PG	087-202-400	F8	2,20	135	100	2,00

Code	Size WxLxD	Filter Class EN 1822	Area m ²	Air Flow m ³ /h	In.Pressure Drop (pa)	Weight kg
VS09GRIN0PG	087-202-600	F9	3,20	200	125	1,80
VS09GRIN0PG	065-202-600	F9	3,20	200	85	1,80
VS09GRIN0PG	087-303-600	F9	5,00	300	130	2,00
VS09GRIN0PG	087-202-400	F9	2,20	135	125	2,00

Code	Size WxLxD	Filter Class EN 1822	Area m ²	Air Flow m ³ /h	In.Pressure Drop (pa)	Weight kg
VS11GRIN0PG	087-202-600	E11	3,20	200	160	1,80
VS11GRIN0PG	065-202-600	E11	3,20	200	130	1,80
VS11GRIN0PG	087-303-600	E11	5,00	300	170	2,00
VS11GRIN0PG	087-202-400	E11	2,20	135	160	2,00

Code	Size WxLxD	Filter Class EN 1822	Area m ²	Air Flow m ³ /h	In.Pressure Drop (pa)	Weight kg
VS13GRIN0PG	087-202-600	H13	3,20	200	200	1,80
VS13GRIN0PG	065-202-600	H13	3,20	200	170	1,80
VS13GRIN0PG	087-303-600	H13	5,00	300	210	2,00

Code	Size WxLxD	Filter Class EN 1822	Area m ²	Air Flow m ³ /h	In.Pressure Drop (pa)	Weight kg
VS08GRUN0PG	600-087-202	F8	3,20	225	100	1,80
VS08GRUN0PG	600-065-202	F8	3,20	225	60	1,80
VS08GRUN0PG	600-087-303	F8	5,00	340	105	2,00
VS08GRUN0PG	400-087-303	F8	2,20	150	100	2,00

Code	Size WxLxD	Filter Class EN 1822	Area m ²	Air Flow m ³ /h	In.Pressure Drop (pa)	Weight kg
VS09GRUN0PG	600-087-202	F9	3,20	225	125	1,80
VS09GRUN0PG	600-065-202	F9	3,20	225	85	1,80
VS09GRUN0PG	600-087-303	F9	5,00	340	130	2,00
VS09GRUN0PG	400-087-303	F9	2,20	150	125	2,00

Code	Size WxLxD	Filter Class EN 1822	Area m ²	Air Flow m ³ /h	In.Pressure Drop (pa)	Weight kg
VS11GRUN0PG	600-087-202	E11	3,20	225	160	1,80
VS11GRUN0PG	600-065-202	E11	3,20	225	130	1,80
VS11GRUN0PG	600-087-303	E11	5,00	340	170	2,00
VS11GRUN0PG	400-087-303	E11	2,20	150	160	2,00

Code	Size WxLxD	Filter Class EN 1822	Area m ²	Air Flow m ³ /h	In.Pressure Drop (pa)	Weight kg
VS13GRUN0PG	600-087-202	H13	3,20	225	200	1,80
VS13GRUN0PG	600-065-202	H13	3,20	225	170	1,80
VS13GRUN0PG	600-087-303	H13	5,00	340	210	2,00

HEPACIL

Cylindrical HEPA Filters



HC13ARSCB2PG-0175-0110-175

APPLICATIONS

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

FILTER CODE STRUCTURE

Type	HC	HEPACIL
Class EN 1822	13	H13
Frame	A	G : Galvanized A : Aluminum T : SS 304 S : SS 316
Media	R	R : Micro Glass Fibre Y : High Heat (Max. 120 °C)
Pleat Depth	S	K : 25 mm
Cap Detail	C	C : Bottom Cap Closed A : Bottom and Top Cap Open
Grid Model	B	B : Perforated Wire H : Perforated Plate
Surface Grid	2	0 : Without Grid 1 : Face Grid Air Outlet 2 : Both Side with Grids
Gasket Type	P	P : Polyurethane E : EPDM
Gasket Direction	G	X : No C : Air Outlet G : Air Inlet W : Both Sides
Size	0175-0110-175	

TECHNICAL SPECIFICATIONS

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

HEPACIL Series Technical Data

Code	Size OD x ID x H	Filter Class EN 1822	Area m ²	Air Flow m ³ /h	In.Pressure Drop (pa)	Weight kg
HC11ARSCB2PG	0175-0110-175	E11	1,65	130	90	1,00
HC11ARSCB2PG	0175-0110-226	E11	2,15	170	90	1,50

Code	Size OD x ID x H	Filter Class EN 1822	Area m ²	Air Flow m ³ /h	In.Pressure Drop (pa)	Weight kg
HC12ARSCB2PG	0175-0110-175	E12	1,65	130	110	1,00
HC12ARSCB2PG	0175-0110-226	E12	2,15	170	110	1,50

Code	Size OD x ID x H	Filter Class EN 1822	Area m ²	Air Flow m ³ /h	In.Pressure Drop (pa)	Weight kg
HC13ARSCB2PG	0175-0110-175	H13	1,65	130	120	1,00
HC13ARSCB2PG	0175-0110-226	H13	2,15	170	120	1,50

Code	Size OD x ID x H	Filter Class EN 1822	Area m ²	Air Flow m ³ /h	In.Pressure Drop (pa)	Weight kg
HC14ARSCB2PG	0175-0110-175	H14	1,65	130	140	1,00
HC14ARSCB2PG	0175-0110-226	H14	2,15	170	140	1,50

HEPA-AS

High Temperature Resistance HEPA Filters / Aluminium Separator Series



HA13GR3N2YG-0610-0610-292

FILTER CODE STRUCTURE

Type	HA	HEPA-AS
Class EN1822	13	H13
Frame	G	G : Galvanized A : Aluminum T : SS 304 S : SS 316 M : Wooden
Media	R	R : Micro Glass Fibre Y : High Heat (Max. 180 / 250 / 350 °C)
Separator Interval	3	3 : 3 mm 5 : 5 mm
Flanged or without flanges	N	N : Without T : 25 mm Single D : 25 mm Double V : 20 mm Single W : 20 mm Double B : Custom Size
Surface Grid	2	0 : Without Grid 1 : Face Grid Air Outlet 2 : Both Side with Grids
Gasket Type	Y	Y : High Heat P : Polyurethane X : Without Gasket R : Rubber E : EPDM K : Paper
Gasket Direction	G	X : No C : Air Outlet G : Air Inlet W : Both Sides
Size		0610-0610-292

APPLICATIONS

- High temperature resistant Aluminium separator
- High flow and high efficiency filter units
- Low initial pressure drop
- Optional gasket, flange, protection grid wire

TECHNICAL SPECIFICATIONS

Class EN1822	E10	H13
Av. Efficiency EN1822	≥95%	≥99.95 %
Max. Temperature	80°C (180/250/350°C option)	
Relative Humidity	100 %	
Rec. Final Pres. Drop	600 Pa.	
Filter Stage	III - IV	

HEPA-AS 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
HA10GR3N2YG	0305-0305-292	E10	292	8,00	800	125	7,50
HA10GR3N2YG	0305-0610-292	E10	292	16,00	1600	125	12,00
HA10GR3N2YG	0610-0610-292	E10	292	32,00	3200	125	21,00
HA10GR3N2YG	0305-0305-150	E10	150	4,00	370	125	6,00
HA10GR3N2YG	0305-0610-150	E10	150	8,00	750	125	9,00
HA10GR3N2YG	0610-0610-150	E10	150	16,00	1500	125	15,00

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
HA13GR3N2YG	0305-0305-292	H13	292	8,00	750	250	7,50
HA13GR3N2YG	0305-0610-292	H13	292	16,00	1500	250	12,00
HA13GR3N2YG	0610-0610-292	H13	292	32,00	3000	250	21,00
HA13GR3N2YG	0305-0305-150	H13	150	4,00	370	250	6,00
HA13GR3N2YG	0305-0610-150	H13	150	8,00	750	250	9,00
HA13GR3N2YG	0610-0610-150	H13	150	16,00	1500	250	15,00

FAN FILTER UNIT

Fan Filter Unit for Clean Room



FF4EMKTS062-0610-0610-400

FILTER CODE STRUCTURE

Type	FF	FAN FILTER UNIT
Class EN1822	4	H14
Pre Filter	F	Fine (F7 / F8/ F9)
Unit Type	M	M: Rechargeable Filter C: Clean Side Changeable S: Standart - Fixed Filter
Edge Model	K	K: With Knife Edge F: Straight
Frame Material	T	G: Galvanized A: Aluminum T: SS 304 S: SS 316 P: Electrostatic Paint
Diffuser Type	S	S: Swirl A: Anemostat D: Perforated L: Laminar Tulle
Diffuser Connection Type	O	O: Outside I: Inside
Filter Alarm System	G	G: With Analog DP L: With Lamp X: Without Alarm
Fan Pcs.	2	1: Single 2: Double
FFU Size	0610-0610-400	

- * 1- Fan can be controlled
2- Air flow can be set
3- Filters pressure drops displayable
4- Can be connected to BMS
5- Multiple units can be controlled and monitored from a single point.

The model FFU model is a modular self-contained HEPA/ULPA filter and blower unit which combines features such as rugged, lightweight construction and low profile for almost any clean room application.

It may be used for new clean room design, facility upgrade or incorporated into laminar flow softwall and straddle units. For its light weight it can be eyebolt suspended or installed on reinforced ceiling "T"-grid. Also, horizontal wall units and system are easily set up using the FFU module. Now any company can meet FFU requirements using a series of modules randomly spaced in room or grouped over critical areas.

The FFU design provides balanced air flow across the filter face to comply with FFU for Class 100 Areas. The variable speed motor allows it to overcome the static filter leads while maintaining a constant air velocity. The FFU modular construction permits a convenient filter replacement.

SPECIFIC APPLICATION

Microelectronic fabrication and assembly, pharmaceutical preparation; microscopy analysis; tissue culture; critical sample preparation; sterile filling and packaging; quality control / inspection.

TECHNICAL CHARACTERISTICS

CASE: Light weight anodized aluminium frame with built-in grooves that permit to hang the unit to the ceiling or to connect them one to the other by means of plastic plugs. DOP port included. The unit are Aluminium with built-in prefilter housing and air diffuser with electric fan bearing; electric quick connector and warning light.

ELECTRIC FAN: Variable speed helicoidal blower with directly connected sealed electric motor.

REGULATION PANEL: Equipped with an electronic regulator, main switch and thermic protection

FFU Technical Data

Code	Efficiency DOP	Dimension (mm)		Flow Rate m³/h	Pressure Drop Pa	Volume m³	Weight kg
		Unit	Unidirectional Air Flow				
FF0FMKTSOG1	85%	0610-0610-400	590-590	600	60	0.15	15
FF1FMKTSOG1	95%	0610-0610-400	590-590	600	70	0.15	15
FF2FMKTSOG1	99.9%	0610-0610-400	590-590	600	100	0.15	15
FF3FMKTSOG1	99.99%	0610-0610-400	590-590	600	110	0.15	15
FF4FMKTSOG1	99.999%	0610-0610-400	590-590	600	125	0.15	15
FF5FMKTSOG1	99.9999%	0610-0610-400	590-590	600	140	0.15	15

Code	Efficiency DOP	Dimension (mm)		Flow Rate m³/h	Pressure Drop Pa	Volume m³	Weight kg
		Unit	Unidirectional Air Flow				
FF0FMKTSOG2	85%	0610-1220-400	590-1200	1200	60	0.15	30
FF1FMKTSOG2	95%	0610-1220-400	590-1200	1200	70	0.15	30
FF2FMKTSOG2	99.9%	0610-1220-400	590-1200	1200	100	0.15	30
FF3FMKTSOG2	99.99%	0610-1220-400	590-1200	1200	110	0.15	30
FF4FMKTSOG2	99.999%	0610-1220-400	590-1200	1200	125	0.15	30
FF5FMKTSOG2	99.9999%	0610-1220-400	590-1200	1200	140	0.15	30

SPARE MAIN FILTERS

Code	CLASS EN1822	Efficiency DOP	Dimension mm	Flow Rate m³/h	Pressure Drop Pa	Volume m³	Weight kg
HG13ARM2GG	H13	99.99%	590-590-078	600	110	0.028	6.5
HL13ARM2PG	H13	99.99%	590-590-078	600	110	0.028	6.5
HF13ARM2XX	H13	99.99%	610-610-350	600	110	0.028	6.5

SPARE PREFILTERS

Code	Class	Efficiency	Dimension mm	Weight kg
PF4GS15Z2	G4	90%	287-287-048	0.80
MN7GRKN1XX	F7	ePM1>60%	287-287-048	1.00

ACTIVATED CARBON FILTERS

AIR FILTRATION
& AIR QUALITY



CARBOBOX

V Type Activated Carbon Filters With Carbon Granules Filled



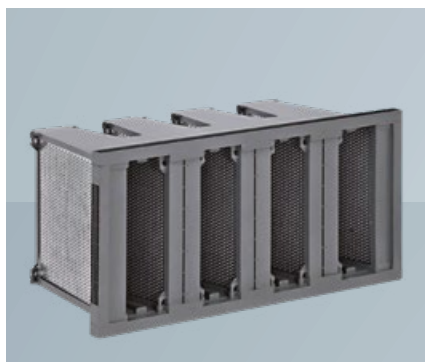
CBGC05V-610-610-292

FILTER CODE STRUCTURE

Type	CB	CARBOBOX
Frame	G	Galvanized
Media Type	CO	Organic Carbon
Rigid Pocket Pieces	5V	5 Rigid Pocket
Size	610-610-292	

Code	Width mm	Height mm	Depth mm	Air Flow m ³ /h	Initial Pressure Drop. Pa.	Bed Thickness	Number of Absorber Panel	Weight of Carbon kg
CBGC02V	305	610	292	1400	250	25	4	23
CBGC05V	610	610	292	2800	250	25	10	50

CARBOTOX



CTPC04V-592-592-292

FILTER CODE STRUCTURE

Type	CT	CARBOTOX
Frame	P	Plastic
Media Type	CO	Organic Carbon
Rigid Pocket Pieces	4V	4 Rigid Pocket
Size	592-592-292	

Code	Width mm	Height mm	Depth mm	Air Flow m ³ /h	Initial Pressure Drop. Pa.	Bed Thickness	Number of Absorber Panel	Weight of Carbon kg
CTPC04V	287	592	292	1270	250	25	8	15
CTPC04V	490	592	292	2000	250	25	8	26
CTPC04V	592	592	292	2250	250	25	8	30

CARBOFIL

Pleated Odor Absorbents Activated Carbon Filters



CF7P4C09T0XX-592-592-292

APPLICATIONS

Carbofil / Carbozell serves to absorb gaseous pollution and odours. It may be installed for supply and exhaust air in domestic and technical applications. Due to a simple modular construction system, one can easily build large filtration units by screwing base frames together. If needed, gaseous contamination can be absorbed through diverse filtering layers with different kinds of impregnated carbon. With its high air flow and gaseous adsorption capacity, it can be used in large application areas such as airports, commercial buildings, hospitals, hotels, manufacturing operation, restaurants, shopping centers, etc. Filter mounting frames are made of galvanized steel and stainless steel. Other dimensional versions available upon request.

STRUCTURAL PROPERTIES

- With high filtering surface allows low pressure drop
- Economical solution for many odors
- Disposable
- Easy to install
- Odour removal and corrosion control
- Robust construction allows easy mounting and removal
- Available in gas adsorption and chemisorption varieties

FILTER CODE STRUCTURE

Type	CF	CARBOFIL
Filter Stage	7	7
Frame	P	P: Plastic G: Galvanized T: SS 304 S: SS 316 A: Aluminum
Pocket Number	4	4 Pocket
Media Type	C	C: Carbon L: Melt Laminated
Media Area	09	9 m ²
Flange Type	T	N: Without Flange T: 25 mm Single D: 20 mm Single 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	X	X: Without Gasket P: Polyurethane R: Rubber E: EPDM
Gasket Direction	X	X: No C: Air Outlet G: Air Inlet
Size	592-592-292	

TECHNICAL SPECIFICATIONS

Filter Stage	7
Max. Temperature	50°C
Relative Humidity	50%
Filter Stage	II - III

Code	Size W x L x D	Filter Stage	Filter Depth mm	Filter Area m ²	Air Flow m ³ /h	In. Pressure D. Pa.	Weight kg
CF7P4C05T0XX	0287-0592-292	7	292	5,00	1500	70	3,50
CF7P4C07T0XX	0490-0592-292	7	292	7,00	2800	70	4,50
CF7P4C09T0XX	0592-0592-292	7	292	9,00	3000	70	6,00

CARBOCELL

Pleated Odor Absorbents Activated Carbon Filters



CL7PC07T1PC-592-592-130

APPLICATIONS

Carbofil / CarboCell serves to absorb gaseous pollution and odours. It may be installed for supply and exhaust air in domestic and technical applications. Due to a simple modular construction system, one can easily build large filtration units by screwing base frames together. If needed, gaseous contamination can be absorbed through diverse filtering layers with different kinds of impregnated carbon. With its high air flow and gaseous adsorption capacity, it can be used in large application areas such as airports, commercial buildings, hospitals, hotels, manufacturing operation, restaurants, shopping centers, etc. Filter mounting frames are made of galvanized steel and stainless steel. Other dimensional versions available upon request.

STRUCTURAL PROPERTIES

- With high filtering surface allows low pressure drop
- Economical solution for many odors
- Disposable
- Easy to install
- Odour removal and corrosion control
- Robust construction allows easy mounting and removal
- Available in gas adsorption and chemisorption varieties

FILTER CODE STRUCTURE

Type	CL	CARBOCELL
Filter Stage	7	7
Frame	P	P: Plastic G: Galvanized T: SS 304 S: SS 316 A: Aluminum
Media Type	C	C: Carbon L: Melt laminasyonlu
Media Area	06	6 m ²
Flange Type	T	N: Without Flange T: 25 mm Single D: 20 mm Single 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 Grids
Gasket Type	P	X: Without Gasket P: Polyurethane R: Rubber E: EPDM
Gasket Direction	C	X: No C: Air Outlet G: Air Inlet
Size		592-592-130

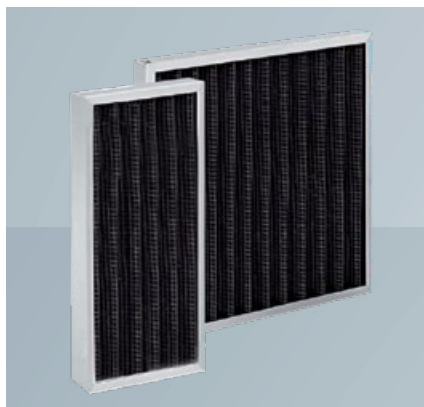
TECHNICAL SPECIFICATIONS

Filter Stage	7
Max. Temperature	50°C
Relative Humidity	50%
Filter Stage	II - III

Code	Size W x L x D	Filter Stage	Filter Depth mm	Filter Area m ²	Air Flow m ³ /h	In. Pressure D. Pa.	Weight kg
CL7PC03T1PC	0287-0592-130	7	130	3,00	1500	110	3,00
CL7PC05T1PC	0490-0592-130	7	130	5,00	2800	110	4,00
CL7PC06T1PC	0592-0592-130	7	130	6,00	3000	110	5,00

CARBOPAN-GCZ

Pleated Odor Absorbents Activated Carbon Filters



PF4GC30Z2-0592-0592-48

APPLICATIONS

- CARBOPAN serves to absorb gaseous pollution and odours
- It may be installed for supply and exhaust
- Air domestic and technical applications
- Due to a simple modular construction system one can easily build large filtration units by screwing base frames together
- If needed, gaseous contamination can be absorbed through diverse filtering
- layers with different kinds of impregnated carbon G4 preliminary filtration is necessary to protect the activated carbon

STRUCTURAL PROPERTIES

- Very high mechanical efficiency
- Robust construction allows easy mounting and removal
- Lower pressure drop according to its high performance
- Available in gas adsorption and chemisorption

FILTER CODE STRUCTURE

Type	PF	CARBOPAN-GCZ
Class EN 779-2012	4	G4
Frame	G	T: SS 304 S: SS 316 A: Aluminum G: Galvanized
Flange Type	C30	C30: Carbon Fiber (Z-Line) C40: Carbon Fiber (Straight)
Modelling	Z	Z: Z-Line L: Straight
Surface Grid	2	0: Without Grid 1: Face Grid Air Outlet 2: Both Side with Grids
Size	0592-0592-48	

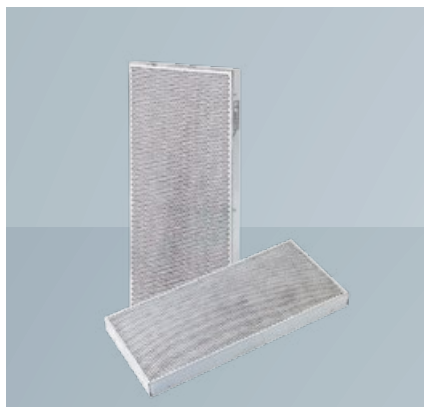
TECHNICAL SPECIFICATIONS

Filter Stage EN 779-2012	G4
Av. Efficiency	70%≥ E3
Max. Temperature	50°C
Relative Humidity	50%
Final Pressure Drop	250 Pa.
Filter Stage	II - III

Code	Size WxLxD	Filter Stage	Filter Depth mm	Filter Area m²	Air Flow m³/h	In. Pressure D. Pa.	Weight kg
PF4GC30Z2	0287-0592-048	G4	48	0,30	1000	80	1,00
PF4GC30Z2	0490-0592-048	G4	48	0,50	1700	80	1,80
PF4GC30Z2	0592-0592-048	G4	48	0,60	2000	80	2,00

CARBOPAN-GCO

Filled Odor Absorbents Activated Carbon Filters



CPGC048-592-592-048

FILTER CODE STRUCTURE

Type	CP	CARBOPAN-GCO
Frame	G	G: Galvanized T: SS 304 S: SS 316 A: Aluminum
Media	CO	CO: Organic Carbon X: Empty
Frame Depth	048	48: 48 mm 24: 24 mm
Size	592-592-048	

APPLICATIONS

- CARBOPAN serves to absorb gaseous pollution and odours
- It may be installed for supply and exhaust
- Air domestic and technical applications
- Due to a simple modular construction system one can easily build large filtration units by screwing base frames together
- If needed, gaseous contamination can be absorbed through diverse filtering
- layers with different kinds of impregnated carbon G4 preliminary filtration is necessary to protect the activated carbon

TECHNICAL SPECIFICATIONS

Max. Temperature	50°C
Relative Humidity	50%
Final Pressure Drop	250 Pa.
Filter Stage	II - III

STRUCTURAL PROPERTIES

- Re-Filable cartridges with new activated carbon
- Very high mechanical efficiency
- Exchangeable cartridges can be regenerated
- Robust construction allows easy mounting and removal
- Lower pressure drop according to its high performance
- Available in gas adsorption and chemisorption

Code	Size WxLxD	Air Flow m³/h	In.Pressure D. Pa.	Weight kg
CPGC048	0287-0592-048	175	150	3,50
CPGC048	0490-0592-048	280	150	4,50
CPGC048	0592-0592-048	350	150	6,00

CARBOCAT SET

Activated Carbon Filters with Filled Cylindrical Cartridges



CCG145C016-610-610-400

FILTER CODE STRUCTURE

Type	CS	CARBOCAT
Frame	G	T: SS 304 S: SS 316 G: Galvanized
Cylinder Diameter	145	140: 140 Ø 145: 145 Ø 160: 160 Ø
Media Thicknes	CO	CO: Organic Carbon PO: Potassium Permanganate
Number of Cartridges	H16	4: 4 pieces 8: 8 pieces 9: 9 pieces 12: 12 pieces 16: 16 pieces
Size		610-610-400

TECHNICAL SPECIFICATIONS

Max. Temperature	50 °C
Relative Humidity	50%
Rec. Final Pressure Drop	250 Pa.
Filter Stage	II - III

- Epoxy painted steel flanges and expanded nets
- Foamed & rubber gasket
- Connection Type 3-Point Bayonet

APPLICATIONS

- CARBOCAT serves to absorb gaseous pollution and odours
- It may be installed for supply and exhaust
- Air domestic and technical applications
- Due to a simple modular construction system
- One can easily build large filtration units by screwing base frames together
- It should protect with a pre filter such as M5 or M6
- If needed, gaseous contamination can be absorbed through diverse filtering
- Preliminary filtration is necessary to protect the activated carbon

STRUCTURAL PROPERTIES

- Re-Filable cartridges with new activated carbon
- Very high mechanical efficiency
- Carbocat with base plate and cylinders made of galvanized or stainless steel
- Exchangeable cartridges can be regenerated
- Simple replacement thanks to bayonet coupling
- Robust construction allows easy mounting and removal
- Lower pressure drop according to its high performance
- Available in gas adsorption and chemisorption

CARBOCAT

Activated Carbon Filters with Filled Cylindrical Cartridges



CCG140C0400

FILTER CODE STRUCTURE

Type	CC	CARTRIDGE
Frame	G	G: Galvanized T: SS 304 S: SS 316 A: Aluminum
Media	CO	CO: Organic Carbon PO: Potassium Permanganate X: Empty
Pin	I	I: Thin K: Thick X: No B: Custom
Jacket	X	C: With Synthetic Fiber Pre Filter X: Without Synthetic Fiber Pre Filter
Size		400 mm

Code	Size OD x H	Air Flow m³/h	In. Pressure D. Pa.	Weight kg	Code	Size OD x H	Air Flow m³/h	In. Pressure D. Pa.	Weight kg
CCG140C0400	140-400	215	230	3,25	CCG140C0600	140-600	215	160	4,90
CCG145C0450	145-450	215	180	3,25	CCG145C0600	145-600	215	120	4,90
CCG160C0400	160-400	380	280	4,60	CCG160C0600	160-600	380	170	6,90

CARBOCAT MOUNTING FRAME



CCG140H16-610-610

FILTER CODE STRUCTURE

Type	CM	PLT
Frame	G	T: SS 304 S: SS 316 G: Galvanized
Media Type	140	140:140 Ø 145:145 Ø 160:160 Ø
Rigid Pocket Pieces	H16	4: 4 pieces 8: 8 pieces 9: 9 pieces 12: 12 pieces 16: 16 pieces
Size		610-610

Code	Size W x H	Hole Number	Weight LBS	Code	Size W x H	Hole Number	Weight LBS
CMG140H04	0305-0305	4	2,00	CMG145H04	0305-0305	4	2,00
CMG140H08	0305-0610	8	4,00	CMG145H08	0305-0610	8	4,00
CMG140H12	0507-0610	12	6,00	CMG145H12	0507-0610	12	6,00
CMG140H16	0610-0610	16	7,00	CMG145H16	0610-0610	16	7,00

Code	Size W x H x D	Filter Depth mm	Cartridge Number	Air Flow m³/h	In. Pressure D. Pa	Weight kg
CMG145COH08	0305-0610-450	450	8	1700	180	26,00
CMG145COH12	0507-0610-450	450	12	2500	180	38,00
CMG145COH16	0610-0610-450	450	16	3400	180	50,00

INDUSTRIAL FILTERS

AIR FILTRATION
& AIR QUALITY



CARTRIDGE PULS

Cylindrical Cartridge Filters



KS9GFTPOPU-0324-0215-660

APPLICATIONS

For dedusting in the sand-blasting and powder-coating areas, in the chemical, wood and metalworking sector as well as for adsorption of welding smoke.

STRUCTURAL PROPERTIES

- High filtering surface on small space
- Excellent quality
- Best ratio price to filter area
- Longer filter life

FILTER CODE STRUCTURE

Type	KS	KS: Cartridge Cylindrical KK: Cartridge Conical
Class	9	F9
Cap Material	G	G: Galvanized T: SS304 A: Aliminum
Flange Type	F	A: Bottom and top cap open without flange F: Top open bottom closed flange I: Bottom cap closed, without flange M: Bottom cap without conical flange K: Bottom cap with conical flange
Surface Grid	T	T: Single D: Double
Media	PO	PO: Polyester LU: Cellulose PA: Polyester Antistatic AN: Aluminum Antistatic PT: PTFE NS: Nano Synthetic NW: Nanoweb Coated R9: R=Glass Fiber / 9=Class
Gasket Type	PU	PU: Top Cap With Gasket Üst Kapak Conta PA: Bottom Cap With Gasket Alt Kapak Conta PW: Double Side With Gasket Çift Taraf Conta
Size		0324-0215-660

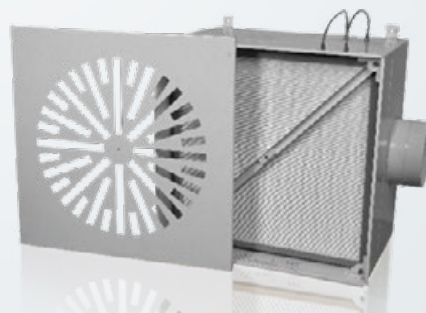
TECHNICAL SPECIFICATIONS

Max. Temperature	80°C
Relative Humidity	70%
Filter Stage	I - II

Code	Size W x H x D	H mm	OD Ø	ID Ø	Filtering Surface m²
KS9GFTPOPU	0324-0215-600	600	324	215	6
KS9GFTPOPU	0324-0215-600	600	324	215	10
KS9GFTPOPU	0324-0215-660	660	324	215	7
KS9GFTPOPU	0324-0215-660	660	324	215	12
KS9GFTPOPU	0324-0215-985	985	324	215	10
KS9GFTPOPU	0324-0215-985	985	324	215	16
KS9GFTPOPU	0324-0215-1205	1205	324	215	12
KS9GFTPOPU	0324-0215-1205	1205	324	215	20

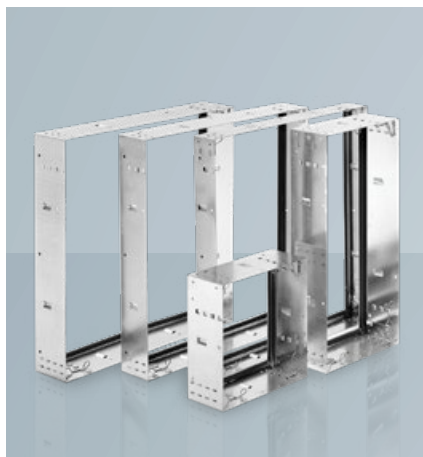
EQUIPMENTS AND ACCESSORIES

AIR FILTRATION
& AIR QUALITY



FILMOD

Filter Housing Frame for Pre and Fine Filters



FMG120P072-0610-0610-072

FILTER CODE STRUCTURE

Equipment Type	FM	FILMOD
Metal Type	G	G: Galvanized T: SS 304 S: SS 316
Metal Quality	120	G120: Galvanized 1.20mm T304: SS 304 S316: SS 316
Gasket Type	P	P: Polyurethane X: Without Gasket E: EPDM
Case Depth	072	72: 72 mm 100: 100 mm 120: 120 mm 292: 292 mm
Case Size		0610-0610-072

APPLICATIONS

- Filter mounting frames are to seal all types of pocket filters, compact filters, and all other framed filters
- In air handling units
- In the construction of filter cells and filter walls
- In the construction of additional filter units
- It provides fast and economical solution
- The filter can be easily and safely mounted by inserting it the frame
- Sealing is achieved by means of 4 clamp clips
- Filtration walls of arbitrary sizes can be built thanks to the self-supporting
- Stable construction of the frames
- Filter mounting frames are made of galvanized steel and stainless steel
- Other dimensional versions available upon request

Code	Material Type	Mounting Frame Size W x L x D (mm)	Filter Frame Size W x L x D (mm)	Weight kg
FMG120P072	Galvanized	0305-0305-072	0287-0287-025 / 048	1,30
FMG120P072	Galvanized	0305-0610-072	0287-0592-025 / 048	1,80
FMG120P072	Galvanized	0508-0610-072	0490-0592-025 / 048	2,40
FMG120P072	Galvanized	0610-0610-072	0592-0592-025 / 048	2,50

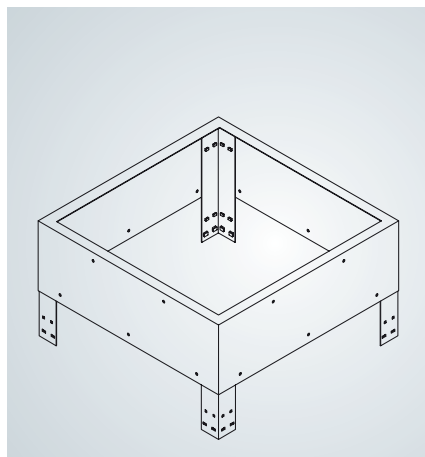
Code	Material Type	Mounting Frame Size W x L x D (mm)	Filter Frame Size W x L x D (mm)	Weight kg
FMG120P100	Galvanized	0305-0305-100	0287-0287-025 / 048 / 70	1,55
FMG120P100	Galvanized	0305-0610-100	0287-0592-025 / 048 / 70	2,30
FMG120P100	Galvanized	0508-0610-100	0490-0592-025 / 048 / 70	2,80
FMG120P100	Galvanized	0610-0610-100	0592-0592-025 / 048 / 70	3,00

Code	Material Type	Mounting Frame Size W x L x D (mm)	Filter Frame Size W x L x D (mm)	Weight kg
FMG120P120	Galvanized	0305-0305-120	0287-0287-025 / 048 / 096	1,70
FMG120P120	Galvanized	0305-0610-120	0287-0592-025 / 048 / 096	2,50
FMG120P120	Galvanized	0508-0610-120	0490-0592-025 / 048 / 096	3,00
FMG120P120	Galvanized	0610-0610-120	0592-0592-025 / 048 / 096	3,25

* All frames can be produce by stainless steel.

FILMOD

Filter Housing Frame for Pre and Fine Filters



FMT304X292-0635-0635-0292

FILTER CODE STRUCTURE

Equipment Type	FM	FILMOD
Metal Type	T	G: Galvanized T: SS 304 S: SS 316
Metal Quality	304	G120: Galvanized 1.20mm T304: SS 304 S316: SS 316
Gasket Type	X	P: Polyurethane X: Without Gasket E: EPDM
Case Depth	292	72: 72 mm 100: 100 mm 120: 120 mm 292: 292 mm 84: 84 mm
Case Size		0635-0635-0292

FEATURES

- Materials Galvanized, Stainless steel
- Available frame width is 292 mm
- Optional EPDM and Polyurethane Gasket

APPLICATIONS

- Pocket filters, compact filters, and all other framed filters
- In air handling units
- In the construction of filter cells and filter walls
- In the construction of additional filter units
- It provides fast and economical solution
- The filter can be easily and safely mounted by inserting it the frame
- Sealing is achieved by means of 4 clamp clips
- Filtration walls of arbitrary sizes can be built thanks to the self-supporting
- Stable construction of the frames
- Filter mounting frames are made of GALVANIZED STEEL and STAINLESS STEEL
- Other dimensional versions available upon request

Code	Material Type	Mounting Frame Size W x L x D (mm)	Filter Frame Size W x L x D (mm)	Weight kg
FMT304X292	Stainless Steel	0325-0325-292	0305-0305-292	7,00
FMT304X292	Stainless Steel	0325-0635-292	0305-0610-292	9,50
FMT304X292	Stainless Steel	0515-0635-292	0490-0610-292	11,00
FMT304X292	Stainless Steel	0635-0635-292	0610-0610-292	12,00

Code	Material Type	Mounting Frame Size W x L x D (mm)	Filter Frame Size W x L x D (mm)	Weight kg
FMG120X292	Galvanized Steel	0325-0325-292	0305-0305-292	7,00
FMG120X292	Galvanized Steel	0325-0635-292	0305-0610-292	9,50
FMG120X292	Galvanized Steel	0515-0635-292	0490-0610-292	11,00
FMG120X292	Galvanized Steel	0635-0635-292	0610-0610-292	12,00

LAMINAR FLOW

Laminar Flow Ceiling Systems



FILTER CODE STRUCTURE

Equipment Type	LF	LAMINAR FLOW
Filter Class	14	H14
Filter Type	HV	HEPA-V
Metal Type	T304	Stainless Steel 304
Case Size	1800-2400-450	

LF14HV-T304-1800-2400-450

APPLICATIONS

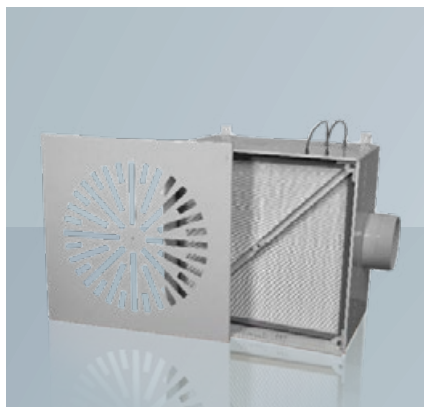
Laminar flow units are designed for surgery rooms, medicine industries, chemistry industries, food production and similar areas. Clean rooms are an environment, typically used in manufacturing, including of pharmaceutical products or scientific research, as well as aerospace semiconductor engineering applications with a low level of environmental pollutants such as dust, airborne microbes, aerosol particles, and chemical vapors. Surgery rooms in hospitals, intensive care units, sterilization rooms, IVF units, genetic laboratories and medical laboratories are classified as clean rooms. Laminar flow units provide laminar flows and this keeps the pressure constant and the room's air clean.

- They are made of 304 stainless steel.
- High performance H13 AND H14 HEPA filters are used.

Code	Dimensions (mm)			Air Flow Rate (m ³ /h) @0,23 m/s
	W	L	H	
LF14HV-T304	1200	2400	450	2400
LF14HV-T304	1400	2400	450	2800
LF14HV-T304	1600	2400	450	3200
LF14HV-T304	1800	2400	450	3600
LF14HV-T304	2000	2400	450	4000
LF14HV-T304	2200	2400	450	4400
LF14HV-T304	2400	2400	450	4800
LF14HV-T304	2400	3000	450	6000
LF14HV-T304	2800	3000	450	7000
LF14HV-T304	3000	3000	450	7500

HEPABOX

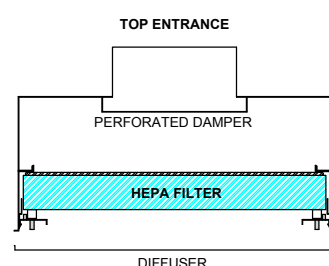
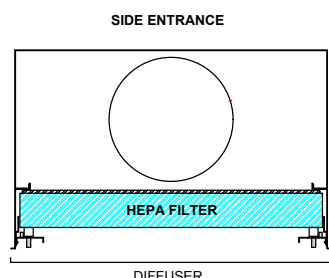
Hepa Filters Box



HBKPYT25NSH-0630-0630-410

FILTER CODE STRUCTURE

Equipment Type	HB	HEPABOX
Edge Model	K	K: With Knife Edge F: Flat Type
Metal Type	P	P: Electrostatic Painted Metal T: SS304 A: Aluminum
Air Spigot Side	Y	Y: Side Entrance U: Top Entrance
Spigot Number	T	T: Single D: Double
Spigot Diameter	25	15: 150 mm 20: 200 mm 25: 250 mm
Damper Model	N	N: Without Damper H: Perforated Damper F: Flat Damper M: Automatic Damper
Diffuser Type	S	D: Perforated Diffusor A: Anemostad Diffusor S: Swirl Diffusor L: Laminated Mesh
Absolute Filter	H	H: With Hepa Filter X: Without Filter
Case Size		0630-0630-410 (Box Size)

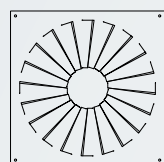


APPLICATIONS

- Hepa terminal filter boxes are air outlets with built-in particulate filters provides for filtration and distribution of air. Separation of germs, viruses and dust particles takes place right before the air entry into the room immediately after the air distribution element. Thus risks and disadvantages of central filtration system such as cross contamination through ventilation ducts are eliminated.

Ceiling hoods are used in ;

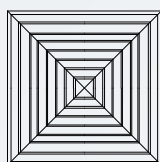
- Pharmaceutical, Hospital, Laboratories, Electronics, Food processing industries requiring a very high degree of clean air
- They are designed for use in laminar flow clean rooms
- The hoods are typically installed in an inverted T-bar grid suspended from the ceiling
- When unit reaches its maximum recommended resistance, hepa filter is discarded



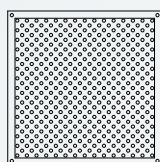
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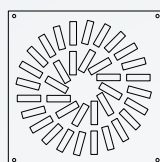
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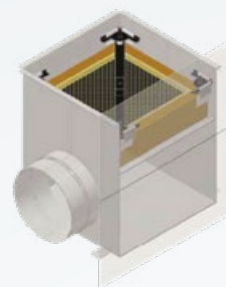
A



D



S



Code	Material Type	Hepa Box Size W x L x D (mm)	Filter Size W x L x D (mm)	Weight kg
HBFPYT15NSH-0325-0325-310	Electrostatic Painted Metal	0325-0325-310	0305-0305-069 / 078	9.00
HBFPYT20NSH-0325-0630-360	Electrostatic Painted Metal	0325-0630-360	0305-0610-069 / 078	13.50
HBFPYT20NSH-0480-0480-360	Electrostatic Painted Metal	0480-0480-360	0457-0457-069 / 078	14.00
HBFPYT25NSH-0630-0630-410	Electrostatic Painted Metal	0630-0630-410	0610-0610-069 / 078	20.00

Code	Material Type	Hepa Box Size W x L x D (mm)	Filter Size W x L x D (mm)	Weight kg
HBFPYT15NSH-0325-0325-382	Electrostatic Painted Metal	0325-0325-382	0305-0305-110 / 150	10.00
HBFPYT20NSH-0325-0630-432	Electrostatic Painted Metal	0325-0630-432	0305-0610-110 / 150	15.00
HBFPYT20NSH-0480-0480-432	Electrostatic Painted Metal	0480-0480-432	0457-0457-110 / 150	15.50
HBFPYT25NSH-0630-0630-482	Electrostatic Painted Metal	0630-0630-482	0610-0610-110 / 150	22.00

Code	Material Type	Hepa Box Size W x L x D (mm)	Filter Size W x L x D (mm)	Weight kg
HBFPYT15NSH-0325-0325-524	Electrostatic Painted Metal	0325-0325-524	0305-0305-292	11.00
HBFPYT20NSH-0325-0630-574	Electrostatic Painted Metal	0325-0630-574	0305-0610-292	16.00
HBFPYT20NSH-0480-0480-574	Electrostatic Painted Metal	0480-0480-574	0457-0457-292	16.50
HBFPYT25NSH-0630-0630-624	Electrostatic Painted Metal	0630-0630-624	0610-0610-292	23.00

Code	Material Type	Hepa Box Size W x L x D (mm)	Filter Size W x L x D (mm)	Weight kg
HBFPUT15NSH-0325-0325-280	Electrostatic Painted Metal	0325-0325-280	0305-0305-069 / 078	9.00
HBFPUT20NSH-0325-0630-280	Electrostatic Painted Metal	0325-0630-280	0305-0610-069 / 078	13.50
HBFPUT20NSH-0480-0480-280	Electrostatic Painted Metal	0480-0480-280	0457-0457-069 / 078	14.00
HBFPUT25NSH-0630-0630-280	Electrostatic Painted Metal	0630-0630-280	0610-0610-069 / 078	20.00

Code	Material Type	Hepa Box Size W x L x D (mm)	Filter Size W x L x D (mm)	Weight kg
HBFPUT15NSH-0325-0325-352	Electrostatic Painted Metal	0325-0325-352	0305-0305-110 / 150	10.00
HBFPUT20NSH-0325-0630-352	Electrostatic Painted Metal	0325-0630-352	0305-0610-110 / 150	15.00
HBFPUT20NSH-0480-0480-352	Electrostatic Painted Metal	0480-0480-352	0457-0457-110 / 150	15.50
HBFPUT25NSH-0630-0630-352	Electrostatic Painted Metal	0630-0630-352	0610-0610-110 / 150	22.00

Code	Material Type	Hepa Box Size W x L x D (mm)	Filter Size W x L x D (mm)	Weight kg
HBFPUT15NSH-0325-0325-494	Electrostatic Painted Metal	0325-0325-494	0305-0305-292	11.00
HBFPUT20NSH-0325-0630-494	Electrostatic Painted Metal	0325-0630-494	0305-0610-292	16.00
HBFPUT20NSH-0480-0480-494	Electrostatic Painted Metal	0480-0480-494	0457-0457-292	16.50
HBFPUT25NSH-0630-0630-494	Electrostatic Painted Metal	0630-0630-494	0610-0610-292	23.00

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