mikropor

Manufacturing Forward

AIR FILTRATION

PRODUCT CATALOG


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BREATHE A SIGH OF RELIEF WITH MIKROPOR

Air pollution poses great risks for our future since it leads to chronic and acute respiratory tract diseases including stroke, cardiac diseases, lung cancer and asthma. However, this risk can be minimized through the reduction of air pollution levels.

Particulate matter (PM) which is a common indicator for air pollution, affects humans more when compared to other pollutants. WHO's data suggest that 4 million premature deaths are estimated to occur in the future due to air pollution on a global scale will ensue from exposure to 2.5 micron and smaller particles*. Meanwhile, Mikropor forestalls this threat through its products manufactured in accordance with the new global ISO 16890 Standard.

While our world is at great risk due to air pollution, Mikropor cleans the air and endeavors for a healthier future.

* www.who.int

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OUR COMPANY

Mikropor began its journey in 1987 with a passion to create tomorrow's technology and has become one of the leading manufacturers of atmospheric air filtration solutions and compressed air systems for a variety of industries.

As the company continues to create its own technology and shapes the industry with its innovative approach, Mikropor's "Best in Class" products and solutions are appreciated by customers in more than 100 countries.

The company's sustainable growth has been provided by its passion for innovation and commitment to quality, as well as its dedication to its people. The philosophy of producing the future from today has been adapted in all processes that make up the company; from production to human resources management, from research and development to logistics systems.

Mikropor's motto, "Manufacturing Forward" predicates that the company strives to carry the same philosophy into the future with its environmentally friendly manufacturing principles that contribute to a cleaner and healthier planet.

MIKROPOR SOLUTIONS IN HVAC APPLICATIONS

Mikropor is a world leader in manufacturing air filters for (five) main applications:

1- Gas Turbine Air Intake Systems
2- Automotive Industry
3- Pharmaceutical Industry
4- Food and Beverage Industry
5- HVAC

GAS TURBINE AIR INTAKE SYSTEMS

Mikropor produces both pulse and static air intake filters used in air intake systems preferred by well-known Gas Turbine manufacturers. The Mikropor gas turbine filtration solutions include unique products such as mini pleated, depth loading, and pulse filters offering high efficiencies and lower pressure drops with higher surface areas. Mikropor can provide filtration solutions with negligible turbine fouling and maximized turbine heat rate. Mikropor also offers solutions for coastal and offshore applications against the highest humidity conditions. (*For more information, please get in touch with Mikropor professionals.*)

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AUTOMOTIVE INDUSTRY

Mikropor offers a complete range of air filters suitable for a modern-day painting system. These systems require either a constant fresh and particle free air or recirculated air without VOC. Because of its world wide experience, Mikropor supplies ultimate filtration solutions for HVAC and HT applications to well-known car manufacturers. Mikropor Total Filter Management (MTFM) is a key service program where experienced technicians provide state-of-the-art services in testing, monitoring and reporting to optimize the filtration in the painting process.

PHARMACEUTICAL INDUSTRY

Mikropor offers a wide variety of solutions including high efficient EPA, HEPA & ULPA filters and leakage free hood and box variations. Through individual testing Mikropor guarantees the performance and impermeability (leakproof) by using he EN 1822 test standard. All EPA, HEPA & ULPA class filters are delivered with test certificates.

MIKROPOR SOLUTIONS IN HVAC APPLICATIONS

FOOD AND BEVERAGE INDUSTRY

The food processing industry is sensitive for air filtration to prevent microbial load. Temperature and humidity need to be controlled. Only reliable systems with highly efficient filters can provide these type of controls . Mikropor offers filtration solutions to hygienic HVAC systems which are sensitive against microbial contamination and corrosion. Mikropor's diverse product range is recognized and serves as a partner of food manufactures world wide.

HVAC SYSTEMS

Heating, Ventilation and Air Conditioning (HVAC) systems play a major role for improving indoor air quality. In addition to removing particulate and hazardous airborne molecular contaminants, proper filter selection can reduce energy spend and lower carbon footprint.

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A NEW LOOK AT STANDARDS

We guarantee the efficiency values of our products with the ISO 16890 Standard that tests the capabilities of air filters by using particles on a broader spectrum.


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ISO
16890
www.mikropor.com

EN 779:2012

EN 779:2012 Standard classifies air filters according to the lowest filtration efficiency. Particle size that forms a basis to the efficiency is regarded as 0.4 µm and filters are separated into three groups. These groups are; G, M and F.

EN 779:2012 CLASSIFICATION					
Group	Class	Final Pressure Drop (Pa)	Average Arrestance of Synthetic Dust (%)	Average Arrestance 0.4µ Particles (%)	Minimum Efficiency of 0.4µ Particles (%)
Coarse	G1	250	50≤Am≤65	-	-
	G2	250	65≤Am≤80	-	-
	G3	250	80≤Am≤90	-	-
	G4	250	90≥Am	-	-
Medium	M5	450	-	40≤Em≤60	-
	M6	450	-	60≤Em≤80	-
Fine	F7	450	-	80≤Em≤90	35
	F8	450	-	90≤Em≤95	55
	F9	450	-	95≤Em	70

Mikropor Research and Development Laboratory utilizes the latest EN 779:2012 / ISO 16890 test system to develop new products for market needs, improve performance of existing products and to supply filters accordance with the design specifications.

The Flat Sheet Media Test Rig is a modular filter testing system for flat filter media. This enables to determine differential pressure curve, fractional efficiency, and dust holding capacity.

ISO 16890

ISO 16890 Standard is a global testing standard that entered into force in the year 2018. ISO 16890 Standard, used for the classification of air filters has replaced EN 779:2012 Standard.

Since EN 779:2012 could not determine how a filter performs against other particles found in the air while it tests an air filter's capturing capability for 0.4µm particle size only, ISO 16890, which puts air filters' capturing capabilities into test with particles on a broader spectrum (0.3µm-10µm), came into effect.

The ISO 16890 Standard divides air filters into four groups. The prerequisite for each group is for the filter to capture at least 50% of the appropriate particle size.

For instance, if a filter can capture more than 50% of PM1* particles, it is classified as a ISO ePM1 filter.

**Pollutants found in the air are called Particulate Matter (PM). PM is accepted as a common indicator for air pollution, and it affects humans more when compared to other pollutants. Main components of PM are sulfate, nitrates, ammonia, sodium chloride, black carbon, mineral salt and water. It consists of the mixture of solid and liquid particles of organic and inorganic matters suspending in the air.*

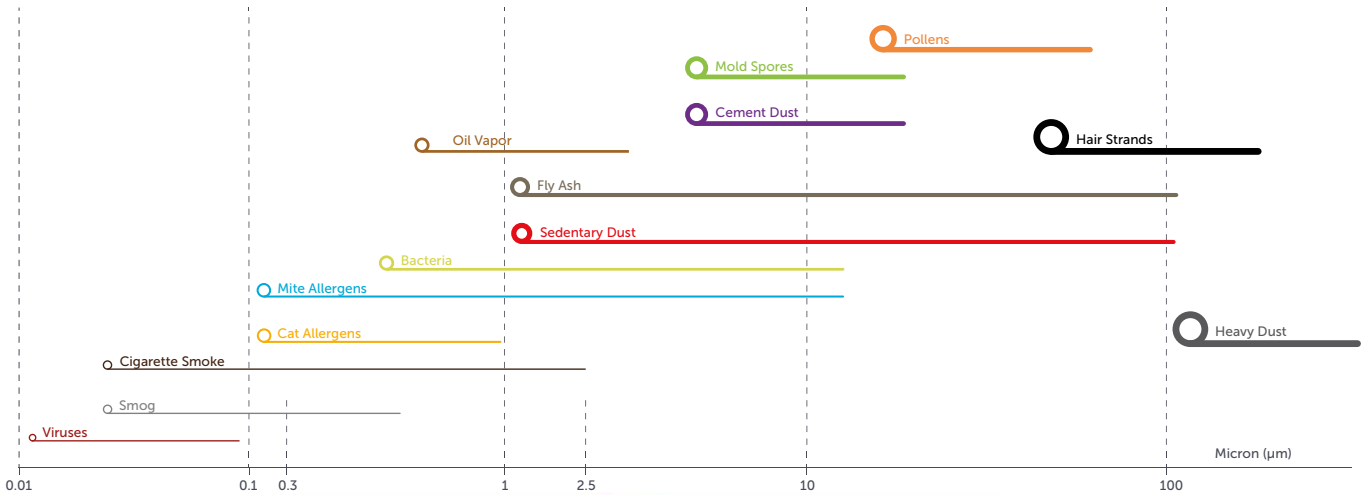
FILTER GROUPS

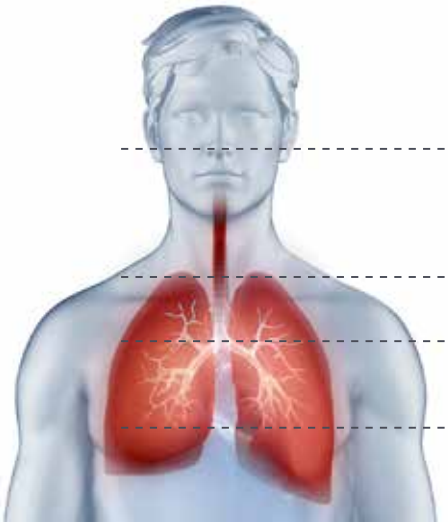
ISO GROUP	Min. Requirement			Class Reporting Value
	ePM1 min.	ePM2.5 min.	ePM10 min.	
ISO Coarse	-	-	<50%	Initial gravimetric arrastance
ISO ePM10	-	-	≥50%	ePM10
ISO ePM2.5	-	≥50%	-	ePM2.5
ISO ePM1	≥50%	-	-	ePM1

PARTICLE DIAMETER SIZE RANGE

Efficiency	Size Range
ePM10	0.3 ≥ x ≥ 10
ePM2.5	0.3 ≥ x ≥ 2.5
ePM1	0.3 ≥ x ≥ 1

SIZE OF POLLUTANTS IN AIR





Respirable Particle Size

10µm

0.3 - 10µm ISO ePM10

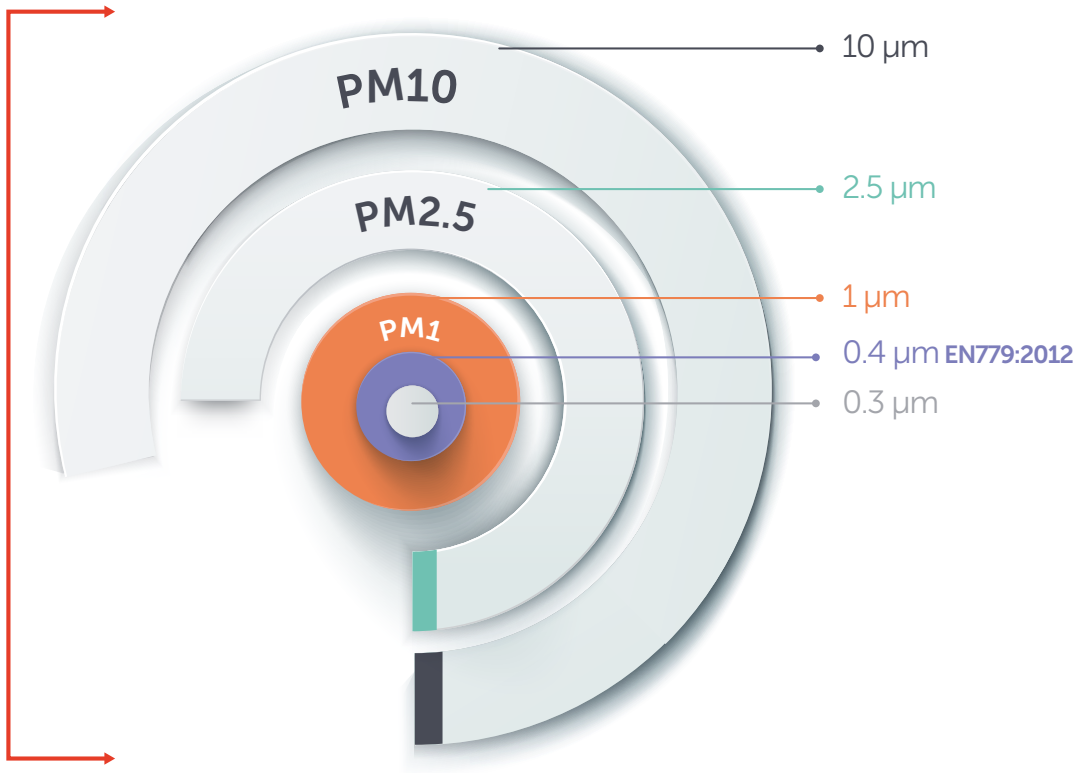
0.3 - 2.5µm ISO ePM2.5

0.3 - 1µm ISO ePM1

COMPARISON OF EN 779:2012 AND ISO 16890 STANDARDS

	EN 779:2012	ISO 16890
Partical size for classification	0.4µm	from 0.3 to 1µm (PM1) from 0.3 to 2.5µm (PM2.5) from 0.3 to 10µm (PM10)
Test aerosol	DEHS	DEHS / from 0.3 to 1µm KCL / from 1 to 10µm
Electrostatic discharge with IPA (isopropanol)	Media is fully immersed	Sample (entire filter) is conditioned with IPA vapour
Efficiency of discharged filter	Comparison of sample and filter	Average efficiency of treated and untreated (conditioned) filter
Dust feed for classification	Incremental dust feed	Classification without dust feed
Test dust for ISO coarse and energy efficiency	ASHRAE	ISO fine
Dust feed	70 mg/m^3	140 mg/m^3
Test final differential pressure	G1, G2, G3, G4=250 Pa	PM 10 < 50%=200 Pa
	M5, M6, F7, F8, F9=450 Pa	PM 10 ≥ 50%=300 Pa
Classification	from G1 to G4 from M5 to M6 from F7 to F9	ISO Coarse ISO ePM10 ISO ePM2.5 ISO ePM1

ISO 16890



EN 1822

The EN 1822 Standard involves efficient, high-efficient and ultra-low permeability air filters (EPA, HEPA & ULPA) used in ventilating and air-conditioning, cleanroom technologies or applications in nuclear and pharmaceutical industries.

Their classification is based on the measuring of the size of particles (MPPS) passing to the clean side at a specific air speed.

FILTER CLASSIFICATION	EFFICIENCY (%) @MPPS		PENETRATION (%) @MPPS	
EN 1822	Overall Value	Local Volue	Overall Penetration	Local Penetration
E10	85	-	15	-
E11	95	-	5	-
E12	99.50	-	0.5	-
H13	99.95	99.75	0.05	0.25
H14	99.995	99.975	0.005	0.025
U15	99.9995	99.9975	0.0005	0.0025
U16	99.99995	99.99975	0.00005	0.00025
U17	99.999995	99.9999	0.000005	0.0001

EN 1822 reports must show average and local efficiency at the stated flow rate, initial pressure drop and class of the filter.

CLEANROOMS

Structures, in which the particle density can be controlled and which are built for minimizing motions (entry, growth and concealment) of particles, germs and other unwanted particulates, are called "cleanrooms". Inside these structures, ambient temperature, humidity and pressure parameters can also be controlled.

STANDARDS			PARTICLE COUNT			
US 209E 1992	ISO 14644 1996	BS 5295 1989	0.1 micron (per m^3)	0.3 micron (per m^3)	0.5 micron (per m^3)	0.5 micron (per ft^3)
-	CLASS 1	-	10	-	-	-
-	CLASS 2	-	100	10	-	-
1	CLASS 3	C	1000	102	35	1
10	CLASS 4	D	10000	1020	353	10
100	CLASS 5	E/F	100000	10200	3530	100
1000	CLASS 6	G/H	1000000	102000	35300	1000
10000	CLASS 7	J	-	-	353000	10000
100000	CLASS 8	K	-	-	3530000	100000

ENERGY EFFICIENT FILTERS

Energy consumption, one of the basic cost items, constitutes approximately 80% of total filtration costs. Because of this high rate, using an air filter with high energy efficiency provides cost saving and also reduces the amount of waste, since the replacement frequency is decreased.

An invariable method is used in order to evaluate the energy efficiency of G4, M5, M6, F7, F8 and F9 class filters, and products in which this method is implemented are indicated with Eurovent 4/11 certificate located thereon. Eurovent energy label is valid for filter classes between G4 and F9 that are tested in accordance with EN 779:2012 Standard.

With its energy efficient filters, Mikropor protects your health and the environment while allowing you to save money.

PERFORMANCE UNDER GUARANTEE

Eurovent Certification is used for air conditioning and cooling products, indicating that these products are in compliance with European and international standards. The series of common criteria for the products is formed by rating of the products and thus, the performances of the filters are guaranteed. By dint of detailed identification of certified products, it becomes unnecessary to perform tests, such as extensive comparison and performance qualification tests, once again. Thanks to the globally acknowledged Eurovent Certification, not only is the work simplified but also the trust towards data accuracy is increased.

EUROVENT CERTIFIED PERFORMANCE
AIR FILTERS
www.eurovent-certification.com

Eurovent Certita Certification

CERTIFICATE N° 09.09.434

EUROVENT CERTIFIED PERFORMANCE

Air Filters / *Filtres à Air*

Granted on September 7, 2009 - *Date 1ère admission 7 septembre 2009*

This document is valid at the date of issue - Check the current validity on:
Document valable à la date d'émission - Vérifier la validité en cours sur :
www.eurovent-certification.com

Participant/Titulaire

MIKROPOR AS
Buyukselcuklu CaddeCi no.4 - Organize Sanayi Bolgesi
6935 ANKARA, Turkey

This product performance certificate is issued by Eurovent Certita Certification according to the certification rules:

ECP FIL - « Air Filters » in force at established date.

Pursuant to the decision notified by Eurovent Certita Certification, the right to use the mark ECP shall be granted to the beneficiary company for all products inside the defined scope according to "certify-all" principle and in the conditions defined by the certification program mentioned.

Unless withdrawn or suspended, this certificate remains valid as long as the requirements for the certification program framework are met. The validity of the certificate is to be verified on www.eurovent-certification.com

THIS CERTIFICATE HAS BEEN ISSUED ON 03/07/2024
THIS CERTIFICATE IS VALID UNTIL 31/08/2025

Ce certificat de performance produit est délivré par Eurovent Certita Certification dans les conditions fixées par le référentiel :

ECP FIL – « Filtres à Air » en vigueur à date d'édition.

En vertu de la décision notifiée par Eurovent Certita Certification, le droit d'usage de la marque ECP, est accordé à la société qui en est bénéficiaire pour les tous les produits entrant dans le champ d'application défini selon le principe "certify-all" et dans les conditions définies par le programme de certification mentionné.

Sauf retrait ou suspension, ce certificat demeure valide tant que les conditions du référentiel du programme de certification sont respectées. La validité du certificat est à vérifier sur le site Internet www.eurovent-certification.com

CE CERTIFICAT A ÉTÉ EMIS LE 03/07/2024
CE CERTIFICAT EST VALIDE JUSQU'AU 31/08/2025

Paris, 3 juillet 2024

MANAGING BOARD MEMBER / MEMBRE DIRECTOIRE

cofrac
CERTIFICATION DE PRODUITS ET SERVICES

Organisme accrédité n° 5-0517 Certification Produits et Services selon la norme NF EN ISO/CEI 17065:2012
Portée disponible sur www.cofrac.fr
Accreditation #5-0517 Products and Services Certification according to NF EN ISO/CEI 17065:2012 –
Scope available on www.cofrac.fr
COFRAC est signataire des accords MLA d'EA,
COFRAC is signatory of EA MLA,
list of EA members is available on
www.european-accreditation.org/ea-members

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Eurovent Certita Certification

CERTIFICATE N° 09.09.434

EUROVENT CERTIFIED PERFORMANCE

Appendix / Annexe

Granted on September 7, 2009 - *Date 1ère admission 7 septembre 2009*

This document is valid at the date of issue - Check the current validity on:
Document valable à la date d'émission - Vérifier la validité en cours sur :
www.eurovent-certification.com

List of certified products and characteristics is displayed on:
La liste des références et caractéristiques certifiées est disponible sur le site :
www.eurovent-certification.com

This product performance certificate is valid for the following trade names:
Ce certificat de performance produit est valide pour les marques commerciales suivantes:
Trade Name / Marque Commerciale

MIKROPOR

This product performance certificate is valid for the following manufacturing places:
Ce certificat de performance produit est valide pour les sites de production suivants:
Manufacturing Place / Site de Production

Not applicable for this certification programme / Non applicable pour ce programme de certification

This product performance certificate is valid for the following software:
Ce certificat de performance produit est valide pour les logiciels de sélection suivants:
Software / Logiciel de sélection

Not applicable for this certification programme / Non applicable pour ce programme de certification

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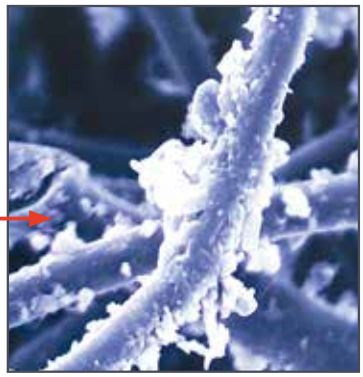
SEM, 3D & NANO

SEM / Scanning Electron Microscopy

Scanning Electron Microscopy (SEM) is utilized in determining of surface characteristics of newly developed materials. On nano-coated surfaces, uniform and continuous filament formations, where no drop defects occur, are desired. By means of the SEM instrument, having 1.000.000x magnification, morphology of nanofibers can easily be examined. EDX is the technique utilized in order to define elemental composition on any sample or on a respective small area on a sample. EDX analysis in electron microscope is performed by exposing the sample to a scanning electron beam. Thus, elemental composition of the sample can be determined.



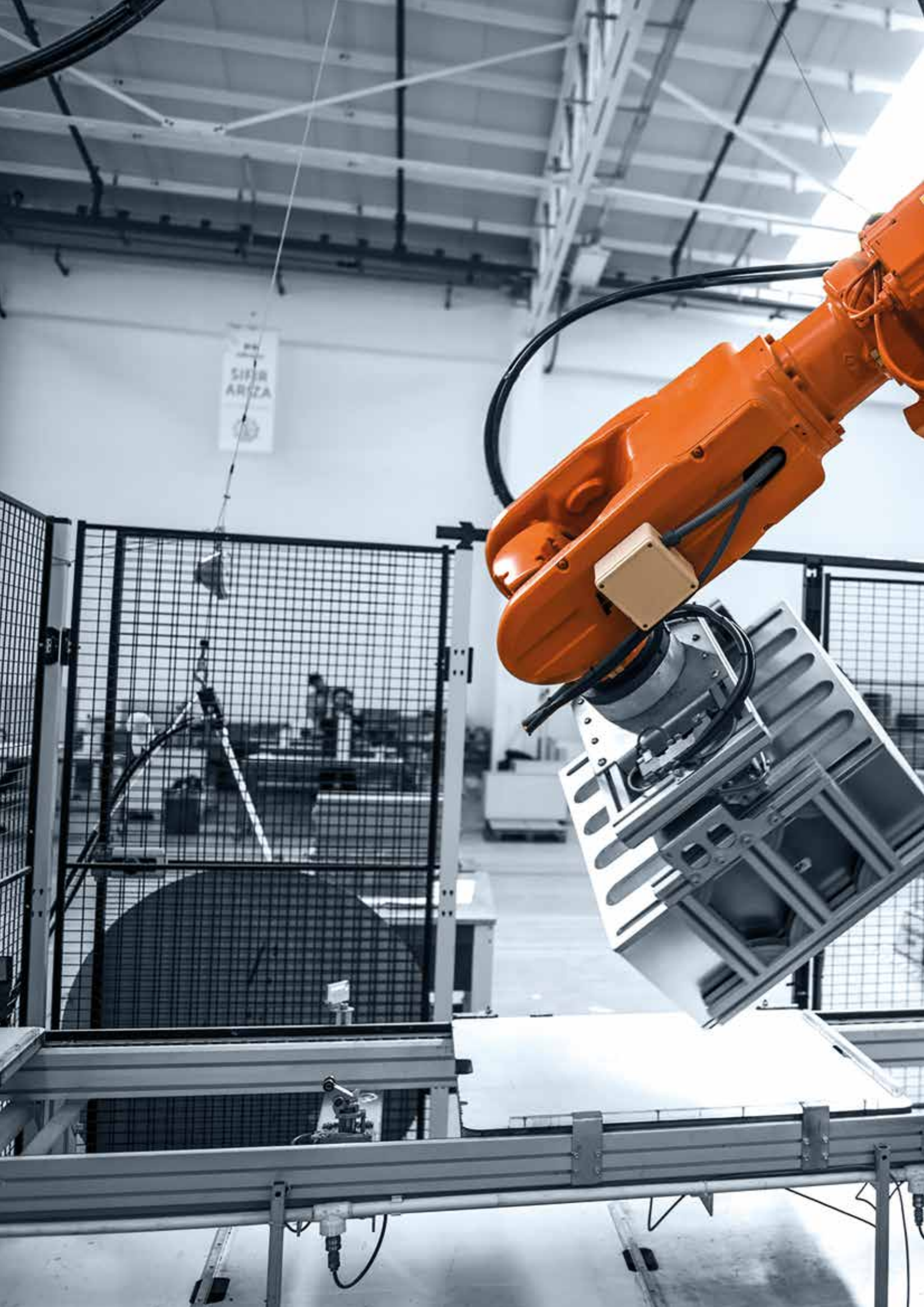
3D / Printing System

The 3D printer produces prototypes of designed products faster and with lower cost by utilizing layered production technology.

NANO / Nano Coating System

Filter materials can be coated with fibers in nano scale through a nanofiber coating machine thatutilizes electrospinning method. Durable and highly efficient filter material can be further improved by performing nanofiber coating on the material.

It is expected for the nanofiber coating to be evenly distributed over the filter material and for the filter to have low pressure drop and high efficiency.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02

COARSE FILTERS
G2-G3-G4

COARSE FILTERS

MFM-ROLLS-PF

Media	Synthetic
Final Pressure Drop	250 Pa
Operating Temperature	80 °C
Filter Efficiency*	G2-G3-G4
Filter Class**	ISO Coarse

Applications

- Pre-filter for HVAC
- Electrical switchboards
- Industrial plants

Advantages

- Customized dimensions
- Depth loading
- High dust holding capacity

Part Number	EN 779:2012 Efficiency	ISO 16890 Class	Dimensions			Media Area (m^2)	Air Flow ($m^3/h.m^2$)	Pressure Drop (Pa)
			Width (m)	Length (m)	Thickness (mm)			
MFM-175-2X20	G2	Coarse 30%	2	20	10	40.00	1700	25
MFM-200-2X20	G3	Coarse 40%	2	20	15	40.00	2500	25
MFM-270-2X20	G4	Coarse 60%	2	20	20	40.00	3400	25

* According to EN 779:2012 ** According to ISO 16890

MFM-ROLLS-PB

Media	Synthetic
Final Pressure Drop	450 Pa
Operating Temperature	80 °C
Filter Efficiency*	M5
Filter Class**	ISO ePM10

Applications

- Paint spray booths

Advantages

- Customized dimensions
- Uniform air distribution
- Optimal laminar air flow

Part Number	EN 779:2012 Efficiency	ISO 16890 Class	Dimensions			Media Area (m^2)	Air Flow ($m^3/h.m^2$)	Pressure Drop (Pa)
			Width (m)	Length (m)	Thickness (mm)			
MFM-PB-600-2X20	M5	ISO ePM10 50%	2	20	20	40.00	800	25
MFM-PB-600-1X20	M5	ISO ePM10 50%	1	20	20	20.00	800	25

* According to EN 779:2012 ** According to ISO 16890

MFM-ROLLS-PS, DS

Media	Fiberglass
Final Pressure Drop	250 Pa
Operating Temperature	PS: 120 °C, DS: 100 °C
Filter Efficiency*	G2-G3-G4
Filter Class**	ISO Coarse

Applications

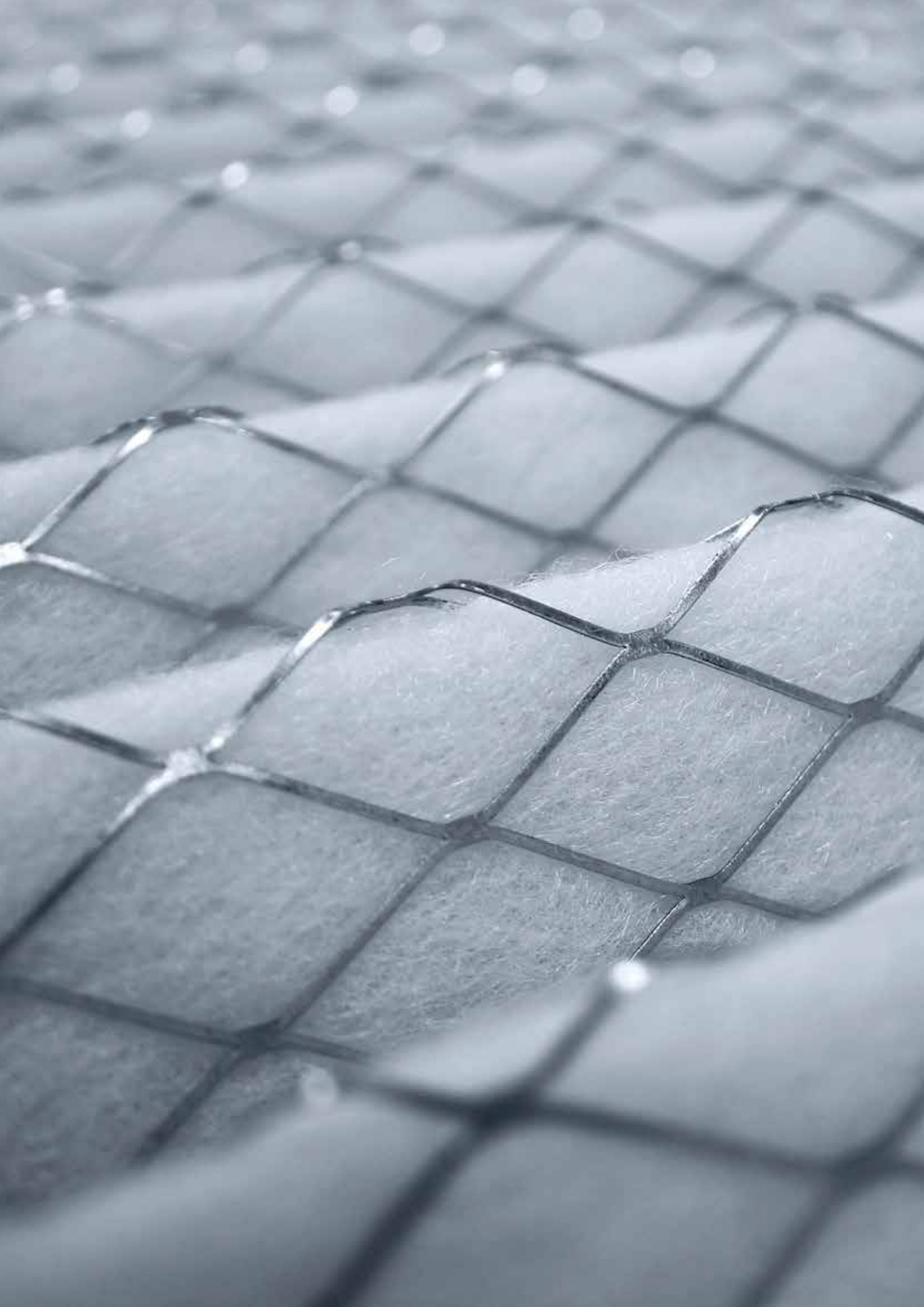
- DS, Pre-filter for HVAC
- Pre-filtration for gas turbines
- PS, Painting booths

Advantages

- Customized dimensions
- High dust holding capacitiy
- Cost saving
- Prevention of machine damage

Part Number	EN 779:2012 Efficiency	ISO 16890 Class	Dimensions			Media Area (m^2)	Air Flow ($m^3/h.m^2$)	Pressure Drop (Pa)
			Width (m)	Length (m)	Thickness (mm)			
MFM-PS-1"	G2	ISO Coarse 30%	2	20	25	40.00	5000	25
MFM-PS-2"	G3	ISO Coarse 40%	2	20	50	40.00	5000	35
MFM-PS-4"	G4	ISO Coarse 60%	2	20	100	40.00	5000	40
MFM-DS-2"	G3	ISO Coarse 40%	2	20	50	40.00	5000	35
MFM-DS-4"	G4	ISO Coarse 60%	2	20	100	40.00	5000	40

* According to EN 779:2012 ** According to ISO 16890



MPM SERIES

Media	Fiberglass
Frame	Cardboard or Polypropylene
Final Pressure Drop	250 Pa
Operating Temperature	PS: 120 °C, DS: 100 °C
Filter Efficiency*	G2-G3-G4
Filter Class**	ISO Coarse

Applications

• Pre-filter for HVAC and painting booths

Advantages

• Disposable
• Moisture resistant cardboard frame
• High dust holding capacitiy
• Cost saving

Part Number	EN 779:2012 Efficiency	ISO 16890 Class	Dimensions			Media Area (m^2)	Air Flow (m^3/h)	Pressure Drop (Pa)
			Width (mm)	Length (mm)	Depth (mm)			
MPM-289/595/20	G2	ISO Coarse 30%	289	595	20	0.17	1700	30
MPM-495/595/20	G2	ISO Coarse 30%	495	595	20	0.29	3000	30
MPM-595/595/20	G2	ISO Coarse 30%	595	595	20	0.35	3400	30
MPM-495/495/20	G2	ISO Coarse 30%	495	495	20	0.30	2400	30
MPM-242/495/20	G2	ISO Coarse 30%	242	495	20	0.12	1200	30
MPM-395/495/20	G2	ISO Coarse 30%	395	495	20	0.20	1850	30
MPM-395/624/20	G2	ISO Coarse 30%	395	624	20	0.30	2400	30
MPM-495/624/20	G2	ISO Coarse 30%	495	624	20	0.31	3000	30
MPM-289/595/45	G3	ISO Coarse 40%	289	595	45	0.17	1700	45
MPM-495/595/45	G3	ISO Coarse 40%	495	595	45	0.29	3000	45
MPM-595/595/45	G3	ISO Coarse 40%	595	595	45	0.35	3400	45
MPM-495/495/45	G3	ISO Coarse 40%	495	495	45	0.30	2400	45
MPM-242/495/45	G3	ISO Coarse 40%	242	495	45	0.12	1650	45
MPM-395/495/45	G3	ISO Coarse 40%	395	495	45	0.20	1850	45
MPM-395/624/45	G3	ISO Coarse 40%	395	624	45	0.30	2400	45
MPM-495/624/45	G3	ISO Coarse 40%	495	624	45	0.31	3000	45

* According to EN 779:2012 ** According to ISO 16890

MPM SERIES

Part Number	EN 779:2012 Efficiency	ISO 16890 Class	Dimensions			Media Area (m^2)	Air Flow (m^3/h)	Pressure Drop (Pa)
			Width (mm)	Length (mm)	Depth (mm)			
MPM-289/595/95	G4	ISO Coarse 60%	289	595	95	0.17	1700	60
MPM-495/595/95	G4	ISO Coarse 60%	495	595	95	0.29	2500	60
MPM-595/595/95	G4	ISO Coarse 60%	595	595	95	0.35	3400	60
MPM-495/495/95	G4	ISO Coarse 60%	495	495	95	0.25	2400	60
MPM-395/495/95	G4	ISO Coarse 60%	395	495	95	0.20	1900	60
MPM-395/624/95	G4	ISO Coarse 60%	395	624	95	0.25	2400	60
MPM-495/624/95	G4	ISO Coarse 60%	495	624	95	0.31	3000	60
MPM-624/725/95	G4	ISO Coarse 60%	624	725	95	0.45	4400	60

* According to EN 779:2012 ** According to ISO 16890

ISO 16890 CERTIFIED

MPP SERIES

Media	Synthetic
Frame	Cardboard
Final Pressure Drop	250 Pa
Operating Temperature	80 °C
Filter Efficiency*	G4
Filter Class**	ISO Coarse

Applications

- Pre-filter for HVAC

Advantages

- Disposable
- Moisture resistant cardboard frame
- Low initial pressure drop
- Metal free
- Incinerable

Part Number	EN 779:2012 Efficiency	ISO 16890 Class	Dimensions			Media Area (m^2)	Air Flow (m^3/h)	Pressure Drop (Pa)
			Width (mm)	Length (mm)	Depth (mm)			
MPP-289/595/20-4K-SP-N	G4	ISO Coarse 70%	289	595	20	0.24	1700	90
MPP-495/595/20-4K-SP-N	G4	ISO Coarse 70%	495	595	20	0.42	2500	90
MPP-595/595/20-4K-SP-N	G4	ISO Coarse 70%	595	595	20	0.50	3400	90
MPP-495/495/20-4K-SP-N	G4	ISO Coarse 70%	495	495	20	0.35	2400	90
MPP-242/495/20-4K-SP-N	G4	ISO Coarse 70%	242	495	20	0.17	1200	90
MPP-395/495/20-4K-SP-N	G4	ISO Coarse 70%	395	495	20	0.28	1850	90
MPP-395/624/20-4K-SP-N	G4	ISO Coarse 70%	395	624	20	0.35	2400	90
MPP-495/624/20-4K-SP-N	G4	ISO Coarse 70%	495	624	20	0.44	3000	90
MPP-289/595/45-4K-SP-N	G4	ISO Coarse 70%	289	595	45	0.60	1700	75
MPP-495/595/45-4K-SP-N	G4	ISO Coarse 70%	495	595	45	1.00	2500	75
MPP-595/595/45-4K-SP-N	G4	ISO Coarse 70%	595	595	45	1.20	3400	75
MPP-495/495/45-4K-SP-N	G4	ISO Coarse 70%	495	495	45	0.85	2400	75
MPP-242/495/45-4K-SP-N	G4	ISO Coarse 70%	242	495	45	0.41	1200	75
MPP-395/495/45-4K-SP-N	G4	ISO Coarse 70%	395	495	45	0.67	1850	75
MPP-395/624/45-4K-SP-N	G4	ISO Coarse 70%	395	624	45	0.84	2400	75
MPP-495/624/45-4K-SP-N	G4	ISO Coarse 70%	495	624	45	1.10	3000	75

* According to EN 779:2012 ** According to ISO 16890

MPP SERIES

Part Number	EN 779:2012 Efficiency	ISO 16890 Class	Dimensions			Media Area (m^2)	Air Flow (m^3/h)	Pressure Drop (Pa)
			Width (mm)	Length (mm)	Depth (mm)			
MPP-289/595/95-4K-SP-N	G4	ISO Coarse 70%	289	595	95	1.30	1700	70
MPP-495/595/95-4K-SP-N	G4	ISO Coarse 70%	495	595	95	2.23	2500	70
MPP-595/595/95-4K-SP-N	G4	ISO Coarse 70%	595	595	95	2.60	3400	70
MPP-495/495/95-4K-SP-N	G4	ISO Coarse 70%	495	495	95	1.86	2400	70
MPP-395/495/95-4K-SP-N	G4	ISO Coarse 70%	395	495	95	1.48	1900	70
MPP-395/624/95-4K-SP-N	G4	ISO Coarse 70%	395	624	95	1.87	2400	70
MPP-495/624/95-4K-SP-N	G4	ISO Coarse 70%	495	624	95	2.34	3000	70
MPP-624/725/95-4K-SP-N	G4	ISO Coarse 70%	624	725	95	3.40	4400	70

* According to EN 779:2012 ** According to ISO 16890

ISO 16890 CERTIFIED

MGP SERIES

Media	Synthetic
Frame	Cardboard
Final Pressure Drop	250 Pa
Operating Temperature	80 °C
Filter Efficiency*	G4
Filter Class**	ISO Coarse
Separators	Thermoplastic Adhesive

Applications

- Pre-filter for HVAC and gas turbines

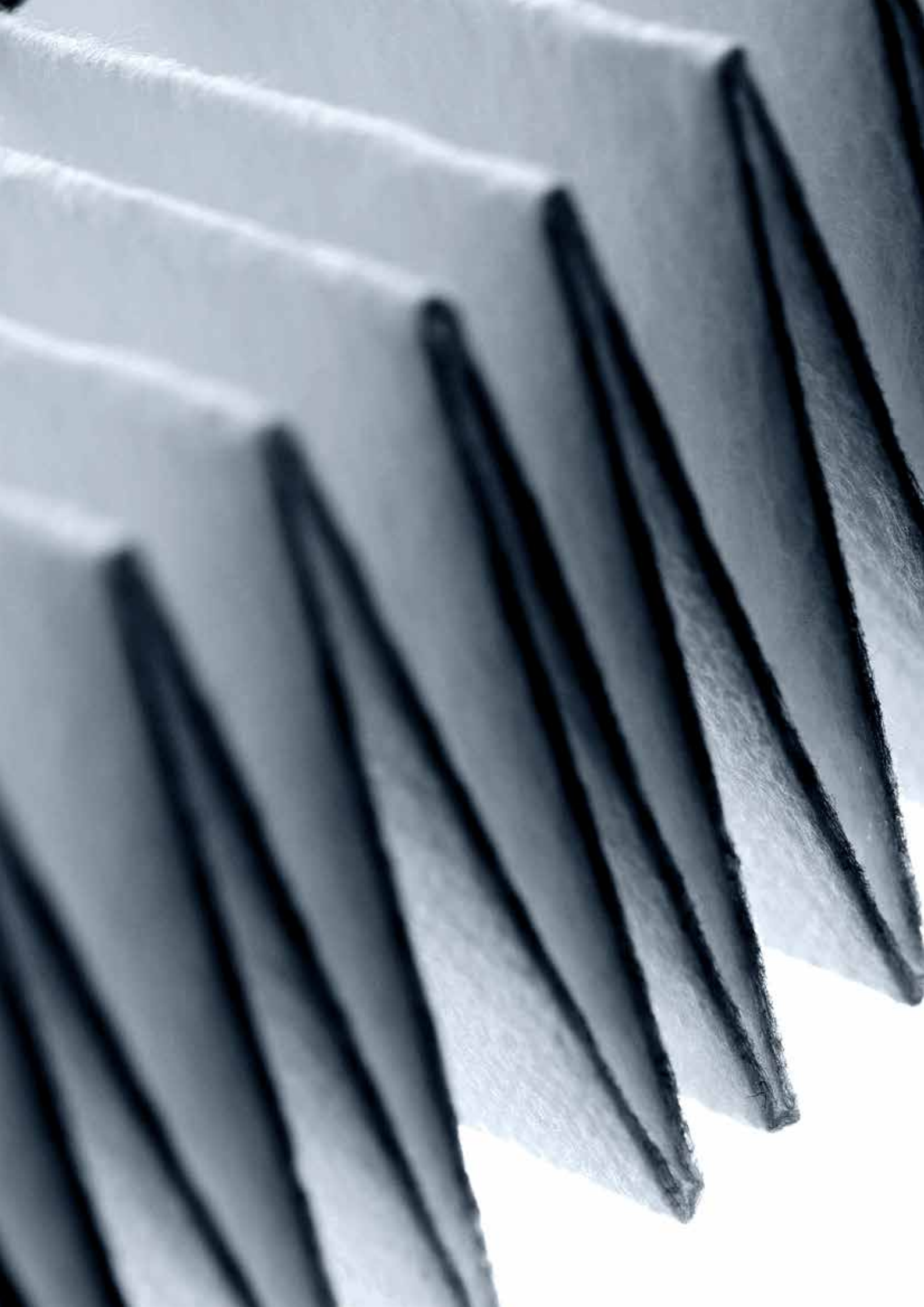
Advantages

- Disposable
- Moisture resistant cardboard frame
- Tidy pleat spacing
- Customized width and height
- Metal free
- Incinerable

Part Number	EN 779:2012 Efficiency	ISO 16890 Class	Dimensions			Media Area (m^2)	Air Flow (m^3/h)	Pressure Drop (Pa)
			Width (mm)	Length (mm)	Depth (mm)			
MGP-292/595/45-4KNNG-S	G4	ISO Coarse 70%	292	595	45	0.70	1700	65
MGP-492/595/45-4KNNG-S	G4	ISO Coarse 70%	492	595	45	1.00	2500	65
MGP-595/595/45-4KNNG-S	G4	ISO Coarse 70%	595	595	45	1.30	3400	65
MGP-292/595/95-4KNNG-S	G4	ISO Coarse 70%	292	595	95	1.10	1700	50
MGP-492/595/95-4KNNG-S	G4	ISO Coarse 70%	492	595	95	1.90	2500	50
MGP-595/595/95-4KNNG-S	G4	ISO Coarse 70%	595	595	95	2.20	3400	50

* According to EN 779:2012 ** According to ISO 16890

ISO 16890 CERTIFIED



MSKPN SERIES

Media	Synthetic
Frame	Plastic (ABS), Galvanized Steel, Stainless Steel
Final Pressure Drop	250 Pa
Operating Temperature	80 °C
Filter Efficiency*	G4
Filter Class**	ISO Coarse
Sealant	Polyurethane
Separators	Thermoplastic Adhesive
Gasket	Optional

Applications

- Primary filtration

Advantages

- Tidy pleat spacing
- Light and rigid filter
- Leakage free

Part Number	EN 779:2012 Efficiency	ISO 16890 Class	Dimensions			Media Area (m^2)	Air Flow (m^3/h)	Pressure Drop (Pa)
			Width (mm)	Length (mm)	Depth (mm)			
MSKPN-287/592/48-4PKNNG	G4	ISO Coarse 70%	287	592	48	0.70	1700	65
MSKPN-492/592/48-4PKNNG	G4	ISO Coarse 70%	492	592	48	1.00	2500	65
MSKPN-592/592/48-4PKNNG	G4	ISO Coarse 70%	592	592	48	1.30	3400	65
MSKPN-287/592/96-4PKNNG	G4	ISO Coarse 70%	287	592	96	1.10	1700	55
MSKPN-492/592/96-4PKNNG	G4	ISO Coarse 70%	492	592	96	1.90	2500	55
MSKPN-592/592/96-4PKNNG	G4	ISO Coarse 70%	592	592	96	2.20	3400	55
MSKPN-287/592/150-4PKNNG	G4	ISO Coarse 70%	287	592	150	1.80	1700	50
MSKPN-492/592/150-4PKNNG	G4	ISO Coarse 70%	492	592	150	3.00	2500	50
MSKPN-592/592/150-4PKNNG	G4	ISO Coarse 70%	592	592	150	3.60	3400	50

* According to EN 779:2012 ** According to ISO 16890

MSKPN-HP SERIES

Media	Synthetic with Water Repellant Treatment
Frame	Plastic (ABS), Galvanized Steel, Stainles Steel
Final Pressure Drop	450 Pa
Operating Temperature	80 °C
Filter Efficiency*	G4
Filter Class**	ISO Coarse
Sealant	Polyurethane
Separators	Plastic
Gasket	Optional

Applications

• Gas turbine primary filtration and industrial processes

Advantages

• Tidy pleat spacing
• Robust
• Water repellant media
• Leakage free

Part Number	EN 779:2012 Efficiency	ISO 16890 Class	Dimensions			Media Area (m^2)	Air Flow (m^3/h)	Pressure Drop (Pa)
			Width (mm)	Length (mm)	Depth (mm)			
MSKPN-287/592/48-4PKNNG-HP-TR	G4	ISO Coarse 70%	287	592	48	0.70	1700	65
MSKPN-492/592/48-4PKNNG-HP-TR	G4	ISO Coarse 70%	492	592	48	1.00	2500	65
MSKPN-592/592/48-4PKNNG-HP-TR	G4	ISO Coarse 70%	592	592	48	1.30	3400	65
MSKPN-287/592/96-4PKNNG-HP-TR	G4	ISO Coarse 70%	287	592	96	1.10	1700	55
MSKPN-492/592/96-4PKNNG-HP-TR	G4	ISO Coarse 70%	492	592	96	1.90	2500	55
MSKPN-592/592/96-4PKNNG-HP-TR	G4	ISO Coarse 70%	592	592	96	2.20	3400	55
MSKPN-287/592/150-4PKNNG-HP-TR	G4	ISO Coarse 70%	287	592	150	1.80	1700	50
MSKPN-492/592/150-4PKNNG-HP-TR	G4	ISO Coarse 70%	492	592	150	3.00	2500	50
MSKPN-592/592/150-4PKNNG-HP-TR	G4	ISO Coarse 70%	592	592	150	3.60	3400	50

* According to EN 779:2012 ** According to ISO 16890

ISO 16890 CERTIFIED

MSKP SERIES

Media	Synthetic
Frame	Galvanized Steel, Stainless Steel
Final Pressure Drop	250 Pa
Operating Temperature	80 °C
Filter Efficiency*	G4
Filter Class**	ISO Coarse
Gasket	Optional

Applications

• Pre-filter for HVAC

Advantages

• Light and rigid filter
• Low initial pressure drop

Part Number	EN 779:2012 Efficiency	ISO 16890 Class	Dimensions			Media Area (m^2)	Air Flow (m^3/h)	Pressure Drop (Pa)
			Width (mm)	Length (mm)	Depth (mm)			
MSKP-287/592/48-42GNNG	G4	ISO Coarse 60%	287	592	48	0.40	1700	70
MSKP-492/592/48-42GNNG	G4	ISO Coarse 60%	492	592	48	0.60	2500	70
MSKP-592/592/48-42GNNG	G4	ISO Coarse 60%	592	592	48	0.80	3400	70
MSKP-287/592/96-42GNNG	G4	ISO Coarse 60%	287	592	96	0.80	1700	45
MSKP-492/592/96-42GNNG	G4	ISO Coarse 60%	492	592	96	1.20	2500	45
MSKP-592/592/96-42GNNG	G4	ISO Coarse 60%	592	592	96	1.60	3400	45

* According to EN 779:2012 ** According to ISO 16890

MSKP MESH SERIES

Media	Aluminium Knitted Wire Mesh, Stainless Steel Knitted Wire Mesh
Frame	Aluminium, Galvanized Steel, Stainless Steel
Final Pressure Drop	250 Pa
Operating Temperature	200 °C
Filter Efficiency*	G1
Filter Class**	ISO Coarse

Applications

- Pre-filter for gas turbine applications
- Smoke fume aspirations, sparkle filtration

Advantages

- Rigid filter
- Low initial pressure drop
- Washable

Part Number	EN 779:2012 Efficiency	ISO 16890 Class	Dimensions			Air Flow (m^3/h)	Pressure Drop (Pa)
			Width (mm)	Length (mm)	Depth (mm)		
MSKP-287/592/48-A-ALMESH	G1	ISO Coarse 30%	287	592	48	2250	60
MSKP-492/592/48-A-ALMESH	G1	ISO Coarse 30%	492	592	48	3400	60
MSKP-592/592/48-A-ALMESH	G1	ISO Coarse 30%	592	592	48	4250	60

* According to EN 779:2012 ** According to ISO 16890

ISO 16890 CERTIFIED

MV-G SERIES

Media	Synthetic
Frame	PS
Final Pressure Drop	450 Pa
Operating Temperature	80 °C
Filter Efficiency*	G4
Filter Class**	ISO Coarse
Gasket	Optional
Sealant	Polyurethane
Separators	Hot Melt on the Pleats
Header Thickness	20 mm, 25 mm

Applications

• Coalescer for gas turbine applications

Advantages

• Compact design
• Reverse flow

Part Number	EN 779:2012 Efficiency	ISO 16890 Class	Dimensions			Media Area (m^2)	Air Flow (m^3/h)	Pressure Drop (Pa)
			Width (mm)	Length (mm)	Depth (mm)			
MV-G4-01	G4	ISO Coarse 60%	592	292	292	3.00	1750	80
MV-G4-02	G4	ISO Coarse 60%	592	492	292	5.00	2800	80
MV-G4-03	G4	ISO Coarse 60%	592	592	292	6.00	3400	80
MVX-G4-01	G4	ISO Coarse 60%	592	292	440	4.50	1750	60
MVX-G4-02	G4	ISO Coarse 60%	592	492	440	7.50	2800	60
MVX-G4-03	G4	ISO Coarse 60%	592	592	440	9.00	3400	60

* According to EN 779:2012 ** According to ISO 16890

ISO 16890 CERTIFIED

MPS COARSE SERIES

Media	Synthetic
Frame	Galvanized Steel
Final Pressure Drop	250 Pa
Operating Temperature	80 °C
Filter Efficiency*	G3-G4
Filter Class**	ISO Coarse

Applications

• General ventilation and air conditioning equipment

Advantages

• High dust holding capacity
• Low initial pressure drop
• Conical self-supporting pockets with ultrasonic welding

Part Number	EN 779:2012 Efficiency	ISO 16890 Class	Dimensions			Media Area (m^2)	Air Flow (m^3/h)	Pressure Drop (Pa)	Number of Pockets
			Width (mm)	Length (mm)	Depth with Header (mm)				
MPS-3-06600-03	G3	ISO Coarse 50%	592	592	622	5.00	3400	40	6
MPS-3-05600-02	G3	ISO Coarse 50%	490	592	622	4.20	2800	40	5
MPS-3-03600-01	G3	ISO Coarse 50%	287	592	622	2.50	1700	40	3
MPS-3-06360-03	G3	ISO Coarse 50%	592	592	382	3.00	3400	45	6
MPS-3-05360-02	G3	ISO Coarse 50%	490	592	382	2.50	2800	45	5
MPS-3-03360-01	G3	ISO Coarse 50%	287	592	382	1.50	1700	45	3
MPS-4-06600-03	G4	ISO Coarse 60%	592	592	622	5.00	3400	50	6
MPS-4-05600-02	G4	ISO Coarse 60%	490	592	622	4.20	2800	50	5
MPS-4-03600-01	G4	ISO Coarse 60%	287	592	622	2.50	1700	50	3
MPS-4-06360-03	G4	ISO Coarse 60%	592	592	382	3.00	3400	60	6
MPS-4-05360-02	G4	ISO Coarse 60%	490	592	382	2.50	2800	60	5
MPS-4-03360-01	G4	ISO Coarse 60%	287	592	382	1.50	1700	60	3

* According to EN 779:2012 ** According to ISO 16890

MPRE SERIES

Media	Synthetic
Frame	Molded Plastic Frame
Final Pressure Drop	450 Pa
Operating Temperature	80 °C
Filter Efficiency*	G4-M5-M6
Filter Class**	ISO Coarse - ISO ePM10

Applications

- Automotive industry
- Gas turbine air intake systems
- General ventilation and air conditioning for office buildings, industrial environments, food processing facilities and laboratories

Advantages

- High dust holding capacity
- Low initial pressure drop
- Rigid self-supporting pocket filter
- Incinerable

Part Number	EN 779:2012 Efficiency	ISO 16890 Class	Dimensions			Media Area (m^2)	Air Flow (m^3/h)	Pressure Drop (Pa)	Number of Pockets	Energy (***)
			Width (mm)	Length (mm)	Depth with Header (mm)					
MPRE-4-06600-03	G4	ISO Coarse 60%	595	595	622	5.00	3400	45	6	-
MPRE-4-03600-01	G4	ISO Coarse 60%	287	595	622	2.50	1700	45	3	-
MPRE-4-06360-03	G4	ISO Coarse 60%	595	595	382	3.00	3400	50	6	-
MPRE-4-03360-01	G4	ISO Coarse 60%	287	595	382	1.50	1700	50	3	-
MPRE-4-08600-03	G4	ISO Coarse 60%	595	595	622	6.40	3400	45	8	-
MPRE-4-04600-01	G4	ISO Coarse 60%	287	595	622	3.20	1700	45	4	-
MPRE-4-08360-03	G4	ISO Coarse 60%	595	595	382	3.90	3400	50	8	-
MPRE-4-04360-01	G4	ISO Coarse 60%	287	595	382	1.90	1700	50	4	-
MPRE-5-06600-03	M5	ISO ePM10 65%	595	595	622	5.00	3400	60	6	D
MPRE-5-03600-01	M5	ISO ePM10 65%	287	595	622	2.50	1700	60	3	D
MPRE-5-08600-03	M5	ISO ePM10 65%	595	595	622	6.40	3400	61	8	D
MPRE-5-04600-01	M5	ISO ePM10 65%	287	595	622	3.20	1700	61	4	D
MPRE-6-08600-03	M6	ISO ePM10 60%	595	595	622	6.40	3400	69	8	C
MPRE-6-04600-01	M6	ISO ePM10 60%	287	595	622	3.20	1700	69	4	C

* According to EN 779:2012 ** According to ISO 16890 *** According to Eurovent 4/21-2019

'-' Models so marked are **not Eurovent certified**

MPR REVERSE SERIES

Media	Synthetic
Frame	Molded Plastic Frame
Final Pressure Drop	450 Pa
Operating Temperature	80 °C
Filter Efficiency*	G4-M5-M6
Filter Class**	ISO Coarse - ISO ePM10

Applications

- Gas turbine air intake systems
- Turbo compressors and diesel and gas engines.

Advantages

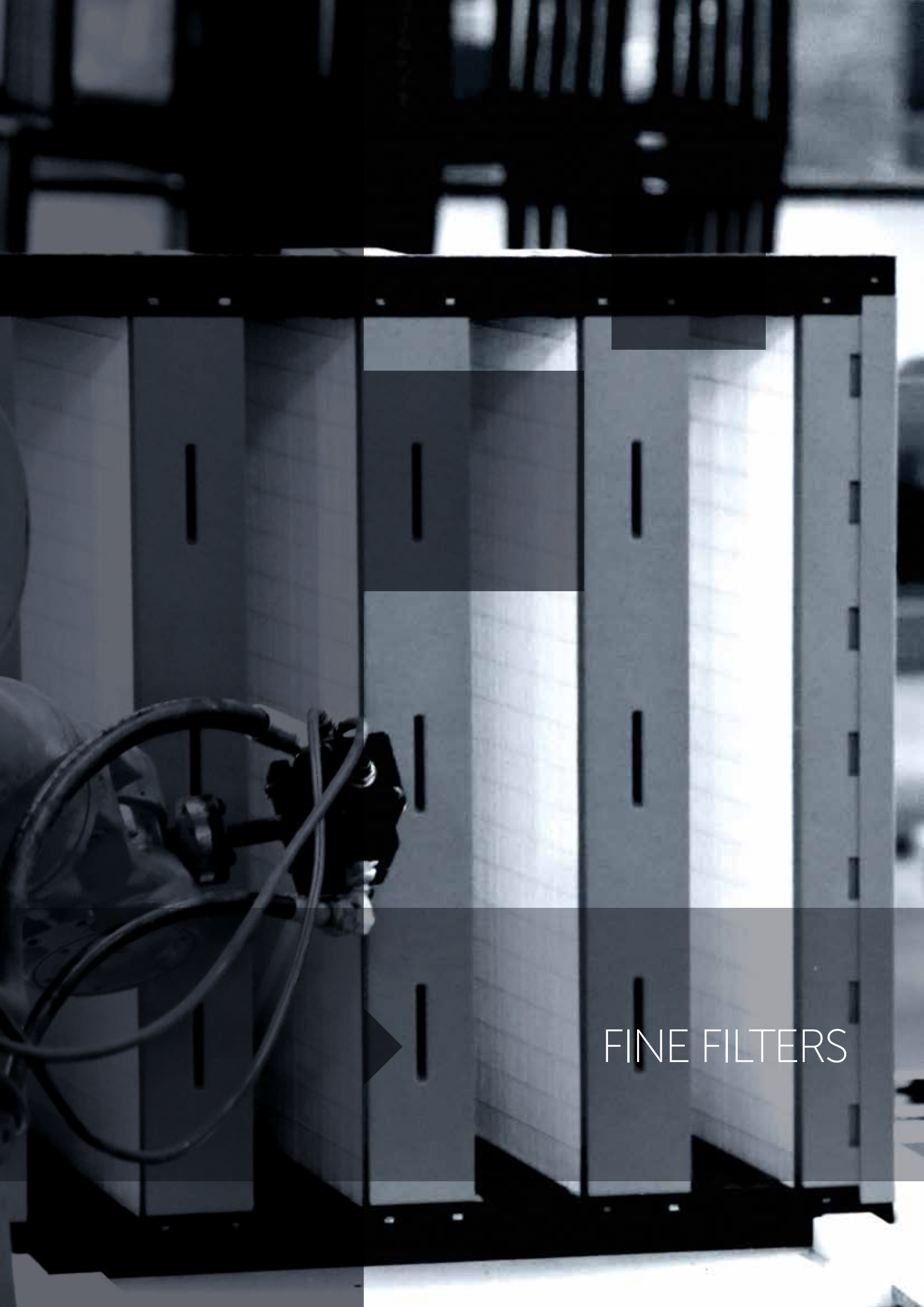
- High dust holding capacity
- Low initial pressure drop
- The integrated plastic support
- Incinerable

Part Number	EN 779:2012 Efficiency	ISO 16890 Class	Dimensions			Media Area (m^2)	Air Flow (m^3/h)	Pressure Drop (Pa)	Number of Pockets
			Width (mm)	Length (mm)	Depth with Header (mm)				
MPR-4-06360-03-R	G4	ISO Coarse 60%	592	592	382	3.00	3400	35	6

* According to EN 779:2012 ** According to ISO 16890

03

FINE FILTERS
M5-F9



FINE FILTERS

MPS FINE SERIES

Media	Synthetic
Frame	Galvanized Steel
Final Pressure Drop	300 Pa
Operating Temperature	80 °C
Filter Efficiency*	M5-M6-F7-F8
Filter Class**	ISO ePM10 / ISO ePM2.5 / ISO ePM1
Media Color	M5: White / M6: Green / F7: Pink / F8: Yellow

Applications
• HVAC

Advantages
• Low initial pressure drop

Part Number	EN 779:2012 Efficiency	ISO 16890 Class	Dimensions			Media Area (m^2)	Air Flow (m^3/h)	Pressure Drop (Pa)	Number of Pockets	Energy (***)
			Width (mm)	Length (mm)	Depth with Header (mm)					
MPS-5-06560-03	M5	ISO ePM10 55%	592	592	582	4.60	2250	40	6	E
MPS-5-05560-02	M5	ISO ePM10 55%	490	592	582	3.90	1870	40	5	E
MPS-5-03560-01	M5	ISO ePM10 55%	287	592	582	2.30	1125	40	3	E
MPS-5-06460-03	M5	ISO ePM10 55%	592	592	482	3.80	2250	50	6	E
MPS-5-05460-02	M5	ISO ePM10 55%	490	592	482	3.20	1870	50	5	E
MPS-5-03460-01	M5	ISO ePM10 55%	287	592	482	1.90	1125	50	3	E
MPS-5-06380-03	M5	ISO ePM10 55%	592	592	402	3.10	2250	55	6	E
MPS-5-05380-02	M5	ISO ePM10 55%	490	592	402	2.60	1870	55	5	E
MPS-5-03380-01	M5	ISO ePM10 55%	287	592	402	1.60	1125	55	3	E
MPS-5-06500-07	M5	ISO ePM10 55%	500	500	522	3.50	2100	35	6	-
MPS-5-08500-07	M5	ISO ePM10 55%	500	500	522	4.50	2100	40	8	-
MPS-6-06765-03	M6	ISO ePM10 65%	592	592	787	6.30	2550	50	6	E
MPS-6-05765-02	M6	ISO ePM10 65%	490	592	787	5.30	2050	50	5	E
MPS-6-03765-01	M6	ISO ePM10 65%	287	592	787	3.20	1275	50	3	E
MPS-6-06560-03	M6	ISO ePM10 65%	592	592	582	4.60	2250	50	6	E
MPS-6-05560-02	M6	ISO ePM10 65%	490	592	582	3.90	1870	50	5	E
MPS-6-03560-01	M6	ISO ePM10 65%	287	592	582	2.30	1125	50	3	E
MPS-6-08765-03	M6	ISO ePM10 65%	592	592	787	8.20	2550	40	8	E
MPS-6-06765-02	M6	ISO ePM10 65%	490	592	787	6.20	2050	40	6	E
MPS-6-04765-01	M6	ISO ePM10 65%	287	592	787	4.10	1275	40	4	E

* According to EN 779:2012 ** According to ISO 16890 *** According to Eurovent 4/21-2019

'-' Models so marked are **not Eurovent certified**

MPS FINE SERIES

Part Number	EN 779:2012 Efficiency	ISO 16890 Class	Dimensions			Media Area (m^2)	Air Flow (m^3/h)	Pressure Drop (Pa)	Number of Pockets	Energy (***)
			Width (mm)	Length (mm)	Depth with Header (mm)					
MPS-6-08560-03	M6	ISO ePM10 65%	592	592	582	6.00	2250	40	8	E
MPS-6-06560-02	M6	ISO ePM10 65%	490	592	582	4.50	1870	40	6	E
MPS-6-04560-01	M6	ISO ePM10 65%	287	592	582	3.00	1125	40	4	E
MPS-6-06500-07	M6	ISO ePM10 65%	500	500	522	3.50	2100	45	6	-
MPS-6-08500-07	M6	ISO ePM10 65%	500	500	522	4.50	2100	50	8	-
MPS-7-06765-03	F7	ISO ePM2.5 65%	592	592	787	6.30	2550	80	6	E
MPS-7-05765-02	F7	ISO ePM2.5 65%	490	592	787	5.30	2050	80	5	E
MPS-7-03765-01	F7	ISO ePM2.5 65%	287	592	787	3.20	1275	80	3	E
MPS-7-06560-03	F7	ISO ePM2.5 65%	592	592	582	4.60	2250	80	6	E
MPS-7-05560-02	F7	ISO ePM2.5 65%	490	592	582	3.90	1870	80	5	E
MPS-7-03560-01	F7	ISO ePM2.5 65%	287	592	582	2.30	1125	80	3	E
MPS-7-08765-03	F7	ISO ePM2.5 65%	592	592	787	8.20	2550	70	8	E
MPS-7-06765-02	F7	ISO ePM2.5 65%	490	592	787	6.20	2050	70	6	E
MPS-7-04765-01	F7	ISO ePM2.5 65%	287	592	787	4.10	1275	70	4	E
MPS-7-08560-03	F7	ISO ePM2.5 65%	592	592	582	6.00	2250	70	8	E
MPS-7-06560-02	F7	ISO ePM2.5 65%	490	592	582	4.50	1870	70	6	E
MPS-7-04560-01	F7	ISO ePM2.5 65%	287	592	582	3.00	1125	70	4	E
MPS-7-06500-07	F7	ISO ePM2.5 65%	500	500	522	3.50	2100	70	6	-
MPS-7-08500-07	F7	ISO ePM2.5 65%	500	500	522	4.50	2100	75	8	-
MPS-8-06765-03	F8	ISO ePM1 70%	592	592	787	6.30	2550	115	6	E
MPS-8-05765-02	F8	ISO ePM1 70%	490	592	787	5.30	2050	115	5	E
MPS-8-03765-01	F8	ISO ePM1 70%	287	592	787	3.20	1275	115	3	E
MPS-8-06560-03	F8	ISO ePM1 70%	592	592	582	4.60	2250	115	6	E
MPS-8-05560-02	F8	ISO ePM1 70%	490	592	582	3.90	1870	115	5	E
MPS-8-03560-01	F8	ISO ePM1 70%	287	592	582	2.30	1125	115	3	E
MPS-8-08765-03	F8	ISO ePM1 70%	592	592	787	8.20	2550	100	8	E
MPS-8-06765-02	F8	ISO ePM1 70%	490	592	787	6.20	2050	100	6	E
MPS-8-04765-01	F8	ISO ePM1 70%	287	592	787	4.10	1275	100	4	E
MPS-8-08560-03	F8	ISO ePM1 70%	592	592	582	6.00	2250	100	8	E
MPS-8-06560-02	F8	ISO ePM1 70%	490	592	582	4.50	1870	100	6	E
MPS-8-04560-01	F8	ISO ePM1 70%	287	592	582	3.00	1125	100	4	E
MPS-8-06500-07	F8	ISO ePM1 70%	500	500	522	3.50	2100	85	6	-
MPS-8-08500-07	F8	ISO ePM1 70%	500	500	522	4.50	2100	90	8	-

* According to EN 779:2012 ** According to ISO 16890 *** According to Eurovent 4/21-2019

'-' Models so marked are **not Eurovent certified**

MPS FINE PLASTIC SERIES

Media	Synthetic
Frame	Plastic (PS)
Final Pressure Drop	450 Pa
Operating Temperature	80 °C
Filter Efficiency*	M5-M6-F7-F8
Filter Class**	ISO ePM10 / ISO ePM2.5 / ISO ePM1
Media Color	M5: White / M6: Green / F7: Pink / F8: Yellow

Applications

• HVAC

Advantages

• Low initial pressure drop

Part Number	EN 779:2012 Efficiency	ISO 16890 Class	Dimensions			Media Area (m^2)	Air Flow (m^3/h)	Pressure Drop (Pa)	Number of Pockets	Energy (***)
			Width (mm)	Length (mm)	Depth with Header (mm)					
MPS-5-06560-03P	M5	ISO ePM10 55%	592	592	582	4.60	2250	45	6	E
MPS-5-03560-01P	M5	ISO ePM10 55%	287	592	582	2.30	1125	45	3	E
MPS-5-06460-03P	M5	ISO ePM10 55%	592	592	482	3.80	2250	55	6	E
MPS-5-03460-01P	M5	ISO ePM10 55%	287	592	482	1.90	1125	55	3	E
MPS-5-06380-03P	M5	ISO ePM10 55%	592	592	402	3.10	2250	60	6	E
MPS-5-03380-01P	M5	ISO ePM10 55%	287	592	402	1.6	1125	60	3	E
MPS-5-06500-07P	M5	ISO ePM10 55%	500	500	522	3.50	2100	35	6	-
MPS-5-08500-07P	M5	ISO ePM10 55%	500	500	522	4.50	2100	40	8	-
MPS-6-06765-03P	M6	ISO ePM10 65%	592	592	787	6.30	2550	55	6	E
MPS-6-03765-01P	M6	ISO ePM10 65%	287	592	787	3.20	1275	55	3	E
MPS-6-06560-03P	M6	ISO ePM10 65%	592	592	582	4.60	2250	55	6	E
MPS-6-03560-01P	M6	ISO ePM10 65%	287	592	582	2.30	1125	55	3	E
MPS-6-08765-03P	M6	ISO ePM10 65%	592	592	787	8.20	2550	45	8	E
MPS-6-04765-01P	M6	ISO ePM10 65%	287	592	787	4.10	1275	45	4	E
MPS-6-08560-03P	M6	ISO ePM10 65%	592	592	582	6.00	2250	45	8	E
MPS-6-04560-01P	M6	ISO ePM10 65%	287	592	582	3.00	1125	45	4	E
MPS-6-06500-07P	M6	ISO ePM10 65%	500	500	522	3.50	2100	45	6	-
MPS-6-08500-07P	M6	ISO ePM10 65%	500	500	522	4.50	2100	50	8	-

* According to EN 779:2012 ** According to ISO 16890 *** According to Eurovent 21/4-2019

'-' Models so marked are **not Eurovent certified**

MPS FINE PLASTIC SERIES

Part Number	EN 779:2012 Efficiency	ISO 16890 Class	Dimensions			Media Area (m^2)	Air Flow (m^3/h)	Pressure Drop (Pa)	Number of Pockets	Energy (***)
			Width (mm)	Length (mm)	Depth with Header (mm)					
MPS-7-06765-03P	F7	ISO ePM2.5 65%	592	592	787	6.30	2550	90	6	E
MPS-7-03765-01P	F7	ISO ePM2.5 65%	287	592	787	3.20	1275	90	3	E
MPS-7-06560-03P	F7	ISO ePM2.5 65%	592	592	582	4.60	2250	90	6	E
MPS-7-03560-01P	F7	ISO ePM2.5 65%	287	592	582	2.30	1125	90	3	E
MPS-7-08765-03P	F7	ISO ePM2.5 65%	592	592	787	8.20	2550	80	8	E
MPS-7-04765-01P	F7	ISO ePM2.5 65%	287	592	787	4.10	1275	80	4	E
MPS-7-08560-03P	F7	ISO ePM2.5 65%	592	592	582	6.00	2250	80	8	E
MPS-7-04560-01P	F7	ISO ePM2.5 65%	287	592	582	3.00	1125	80	4	E
MPS-7-06500-07P	F7	ISO ePM1 55%	500	500	522	3.50	2100	70	6	-
MPS-7-08500-07P	F7	ISO ePM1 55%	500	500	522	4.50	2100	75	8	-
MPS-8-06765-03P	F8	ISO ePM1 65%	592	592	787	6.30	2550	125	6	E
MPS-8-03765-01P	F8	ISO ePM1 65%	287	592	787	3.20	1275	125	3	E
MPS-8-06560-03P	F8	ISO ePM1 65%	592	592	582	4.60	2250	125	6	E
MPS-8-03560-01P	F8	ISO ePM1 65%	287	592	582	2.30	1125	125	3	E
MPS-8-08765-03P	F8	ISO ePM1 65%	592	592	787	8.20	2550	110	8	E
MPS-8-04765-01P	F8	ISO ePM1 65%	287	592	787	4.10	1275	110	4	E
MPS-8-08560-03P	F8	ISO ePM1 65%	592	592	582	6.00	2250	110	8	E
MPS-8-04560-01P	F8	ISO ePM1 65%	287	592	582	3.00	1125	110	4	E
MPS-8-06500-07P	F8	ISO ePM1 70%	500	500	522	3.50	2100	85	6	-
MPS-8-08500-07P	F8	ISO ePM1 70%	500	500	522	4.50	2100	90	8	-

* According to EN 779:2012 ** According to ISO 16890 *** According to Eurovent 21/4-2019

'-' Models so marked are **not Eurovent certified**

MPS NANOWAVE SERIES

Media	Synthetic NANOWAVE
Frame	Galvanised Steel, Stainless Steel
Final Pressure Drop	300 Pa
Operating Temperature	80 °C
Humiditiy	100% RH
Filter Efficiency*	M6-F9
Filter Class**	ISO ePM2.5-ISO ePM1
Gasket	Optional

Applications

- General ventilation and air conditioning equipment

Advantages

- High dust holding capacity
- Low initial pressure drop
- Self-supporting conical sewn pocket

Part Number	EN 779:2012 Efficiency	ISO 16890 Class	Dimensions			Media Area (m^2)	Air Flow (m^3/h)	Pressure Drop (Pa)	Number of Pockets	Energy (***)
			Width (mm)	Length (mm)	Depth with Header (mm)					
MPS-6-8-635-592/592-G-N-H22-NW	M6	ISO ePM10 50%	592	592	657	6.80	3400	55	8	D
MPS-6-6-635-492/592-G-N-H22-NW	M6	ISO ePM10 50%	492	592	657	5.10	2800	55	6	D
MPS-6-4-635-287/592-G-N-H22-NW	M6	ISO ePM10 50%	287	592	657	3.40	1700	55	4	D
MPS-7-8-635-592/592-G-N-H22-NW	F7	ISO ePM2.5 60%	592	592	657	6.80	3400	75	8	C
MPS-7-6-635-492/592-G-N-H22-NW	F7	ISO ePM2.5 60%	492	592	657	5.10	2800	75	6	C
MPS-7-4-635-287/592-G-N-H22-NW	F7	ISO ePM2.5 60%	287	592	657	3.40	1700	75	4	C
MPS-8-8-635-592/592-G-N-H22-NW	F8	ISO ePM1 65%	592	592	657	6.80	3400	80	8	C
MPS-8-6-635-492/592-G-N-H22-NW	F8	ISO ePM1 65%	492	592	657	5.10	2800	80	6	C
MPS-8-4-635-287/592-G-N-H22-NW	F8	ISO ePM1 65%	287	592	657	3.40	1700	80	4	C
MPS-9-8-635-592/592-G-N-H22-NW	F9	ISO ePM1 85%	592	592	657	6.80	3400	120	8	C
MPS-9-6-635-492/592-G-N-H22-NW	F9	ISO ePM1 85%	492	592	657	5.10	2800	120	6	C
MPS-9-4-635-287/592-G-N-H22-NW	F9	ISO ePM1 85%	287	592	657	3.40	1700	120	4	C

* According to EN 779:2012 ** According to ISO 16890 *** According to Eurovent 4/21-2019

MPS NANOWAVE SERIES

Part Number	EN 779: 2012 Efficiency	ISO 16890 Class	Dimensions			Media Area (m^2)	Air Flow (m^3/h)	Pressure Drop (Pa)	Number of Pockets	Energy (***)
			Width (mm)	Length (mm)	Depth (mm)					
MPS-7-8-635-592/592-G-N-H22-NW-EDHC	F7	ISO ePM1 60%	592	592	657	6.80	3400	70	8	A
MPS-7-6-635-492/592-G-N-H22-NW-EDHC	F7	ISO ePM1 60%	492	592	657	5.10	2800	70	6	A
MPS-7-4-635-287/592-G-N-H22-NW-EDHC	F7	ISO ePM1 60%	287	592	657	3.40	1700	70	4	A
MPS-9-8-635-592/592-G-N-H22-NW-EDHC	F9	ISO ePM1 85%	592	592	657	6.80	3400	90	8	A
MPS-9-6-635-492/592-G-N-H22-NW-EDHC	F9	ISO ePM1 85%	492	592	657	5.10	2800	90	6	A
MPS-9-4-635-287/592-G-N-H22-NW-EDHC	F9	ISO ePM1 85%	287	592	657	3.40	1700	90	4	A

* According to EN 779:2012 ** According to ISO 16890 *** According to Eurovent 4/21-2019

MPG SERIES

Media	Glassfiber
Frame	Galvanized Steel
Final Pressure Drop	450 Pa
Operating Temperature	80 °C
Filter Efficiency*	M5-M6-F7-F8
Filter Class**	ISO ePM10 / ISO ePM1
Media Color	M5: White / M6: Green / F7: Pink F8: Yellow
Fiber Assembly Type	Sewn

Applications

- HVAC
- Pre-filter of absolute filters

Advantages

- Low initial pressure drop
- Low energy use

Part Number	EN 779:2012 Efficiency	ISO 16890 Class	Dimensions			Media Area (m^2)	Air Flow (m^3/h)	Pressure Drop (Pa)	Energy (***)	Number of Pockets
			Width (mm)	Length (mm)	Depth with Header (mm)					
MPG-5-10535-03	M5	ISO ePM10 50%	592	592	557	7.00	3400	55	C	10
MPG-5-08535-02	M5	ISO ePM10 50%	592	492	557	4.80	2800	55	C	8
MPG-5-05535-01	M5	ISO ePM10 50%	592	287	557	2.20	1700	55	C	5
MPG-5-10635-03	M5	ISO ePM10 50%	592	592	657	8.30	3400	50	C	10
MPG-5-08635-02	M5	ISO ePM10 50%	592	492	657	5.80	2800	50	C	8
MPG-5-05635-01	M5	ISO ePM10 50%	592	287	657	2.60	1700	50	C	5
MPG-5-08535-03	M5	ISO ePM10 50%	592	592	557	5.70	3400	55	D	8
MPG-5-06535-02	M5	ISO ePM10 50%	592	492	557	3.80	2800	55	D	6
MPG-5-04535-01	M5	ISO ePM10 50%	592	287	557	1.90	1700	55	D	4
MPG-5-08635-03	M5	ISO ePM10 50%	592	592	657	6.80	3400	49	C	8
MPG-5-06635-02	M5	ISO ePM10 50%	592	492	657	4.50	2800	49	C	6
MPG-5-04635-01	M5	ISO ePM10 50%	592	287	657	2.20	1700	49	C	4
MPG-5-06600-03	M5	ISO ePM10 50%	592	592	622	5.00	3400	65	D	6
MPG-5-04600-02	M5	ISO ePM10 50%	592	492	622	3.10	2800	65	D	4
MPG-5-03600-01	M5	ISO ePM10 50%	592	287	622	1.70	1700	65	D	3
MPG-5-12380-03	M5	ISO ePM10 50%	592	592	402	5.80	3400	65	E	12
MPG-5-10380-02	M5	ISO ePM10 50%	592	492	402	4.20	2800	65	E	10
MPG-5-06380-01	M5	ISO ePM10 50%	592	287	402	1.80	1700	65	E	6

* According to EN 779:2012 ** According to ISO 16890 *** According to Eurovent 4/21-2019

MPG SERIES

Part Number	EN 779:2012 Efficiency	ISO 16890 Class	Dimensions			Media Area (m^2)	Air Flow (m^3/h)	Pressure Drop (Pa)	Energy (***)	Number of Pockets
			Width (mm)	Length (mm)	Depth with Header (mm)					
MPG-6-10535-03	M6	ISO ePM10 65%	592	592	557	7.00	3400	65	D	10
MPG-6-08535-02	M6	ISO ePM10 65%	592	492	557	4.80	2800	65	D	8
MPG-6-05535-01	M6	ISO ePM10 65%	592	287	557	2.20	1700	65	D	5
MPG-6-10635-03	M6	ISO ePM10 65%	592	592	657	8.30	3400	55	C	10
MPG-6-08635-02	M6	ISO ePM10 65%	592	492	657	5.80	2800	55	C	8
MPG-6-05635-01	M6	ISO ePM10 65%	592	287	657	2.60	1700	55	C	5
MPG-6-08535-03	M6	ISO ePM10 65%	592	592	557	5.70	3400	75	C	8
MPG-6-06535-02	M6	ISO ePM10 65%	592	492	557	3.80	2800	75	C	6
MPG-6-04535-01	M6	ISO ePM10 65%	592	287	557	1.90	1700	75	C	4
MPG-6-08635-03	M6	ISO ePM10 65%	592	592	657	6.80	3400	65	C	8
MPG-6-06635-02	M6	ISO ePM10 65%	592	492	657	4.50	2800	65	C	6
MPG-6-04635-01	M6	ISO ePM10 65%	592	287	657	2.20	1700	65	C	4
MPG-6-06600-03	M6	ISO ePM10 65%	592	592	622	5.00	3400	75	D	6
MPG-6-04600-02	M6	ISO ePM10 65%	592	492	622	3.10	2800	75	D	4
MPG-6-03600-01	M6	ISO ePM10 65%	592	287	622	1.70	1700	75	D	3
MPG-6-12380-03	M6	ISO ePM10 65%	592	592	402	5.80	3400	80	E	12
MPG-6-10380-02	M6	ISO ePM10 65%	592	492	402	4.20	2800	80	E	10
MPG-6-06380-01	M6	ISO ePM10 65%	592	287	402	1.80	1700	80	E	6
MPG-7-10535-03	F7	ISO ePM1 60%	592	592	557	7.00	3400	105	D	10
MPG-7-08535-02	F7	ISO ePM1 60%	592	492	557	4.80	2800	105	D	8
MPG-7-05535-01	F7	ISO ePM1 60%	592	287	557	2.20	1700	105	D	5
MPG-7-10635-03	F7	ISO ePM1 65%	592	592	657	8.30	3400	95	C	10
MPG-7-08635-02	F7	ISO ePM1 65%	592	492	657	5.80	2800	95	C	8
MPG-7-05635-01	F7	ISO ePM1 65%	592	287	657	2.60	1700	95	C	5
MPG-7-08535-03	F7	ISO ePM1 60%	592	592	557	5.70	3400	105	C	8
MPG-7-06535-02	F7	ISO ePM1 60%	592	492	557	3.80	2800	105	C	6
MPG-7-04535-01	F7	ISO ePM1 60%	592	287	557	1.90	1700	105	C	4
MPG-7-08635-03	F7	ISO ePM1 60%	592	592	657	6.80	3400	90	C	8
MPG-7-06635-02	F7	ISO ePM1 60%	592	492	657	4.50	2800	90	C	6
MPG-7-04635-01	F7	ISO ePM1 60%	592	287	657	2.20	1700	90	C	4
MPG-7-06600-03	F7	ISO ePM1 60%	592	592	622	5.50	3400	110	D	6
MPG-7-04600-02	F7	ISO ePM1 60%	592	492	622	3.10	2800	110	D	4
MPG-7-03600-01	F7	ISO ePM1 60%	592	287	622	1.70	1700	110	D	3

* According to EN 779:2012 ** According to ISO 16890 *** According to Eurovent 4/21-2019

MPG SERIES

Part Number	EN 779:2012 Efficiency	ISO 16890 Class	Dimensions			Media Area (m^2)	Air Flow (m^3/h)	Pressure Drop (Pa)	Number of Pockets	Energy (***)
			Width (mm)	Length (mm)	Depth with Header (mm)					
MPG-8-10535-03	F8	ISO ePM1 80%	592	592	557	7.00	3400	170	10	D
MPG-8-08535-02	F8	ISO ePM1 80%	592	492	557	4.80	2800	170	8	D
MPG-8-05535-01	F8	ISO ePM1 80%	592	287	557	2.20	1700	170	5	D
MPG-8-10635-03	F8	ISO ePM1 80%	592	592	657	8.30	3400	140	10	D
MPG-8-08635-02	F8	ISO ePM1 80%	592	492	657	5.80	2800	140	8	D
MPG-8-05635-01	F8	ISO ePM1 80%	592	287	657	2.60	1700	140	5	D
MPG-8-08535-03	F8	ISO ePM1 80%	592	592	557	5.70	3400	160	8	D
MPG-8-06535-02	F8	ISO ePM1 80%	592	492	557	3.80	2800	160	6	D
MPG-8-04535-01	F8	ISO ePM1 80%	592	287	557	1.90	1700	160	4	D
MPG-8-08635-03	F8	ISO ePM1 80%	592	592	657	6.80	3400	145	8	D
MPG-8-06635-02	F8	ISO ePM1 80%	592	492	657	4.50	2800	145	6	D
MPG-8-04635-01	F8	ISO ePM1 80%	592	287	657	2.20	1700	145	4	D

* According to EN 779:2012 ** According to ISO 16890 *** According to Eurovent 4/21-2019

MPF SERIES CARDBOARD

Media	Microglass Fiber
Frame	Cardboard
Final Pressure Drop	450 Pa
Operating Temperature	80 °C
Filter Efficiency*	M5-M6-F7-F8
Filter Class**	ISO ePM10 / ISO ePM1
Sealant	Wood Glue
Separator	Hot Melt

Applications

- HVAC

Advantages

- Compact and rigid
- Low energy use
- High surface area
- Metal free
- MPF product line fully meets the requirements for VDI 6022

Part Number	EN 779:2012 Efficiency	ISO 16890 Class	Dimensions			Media Area (m^2)	Air Flow (m^3/h)	Pressure Drop (Pa)	Energy (***)
			Width (mm)	Length (mm)	Depth (mm)				
MPF-595/595/45-5KN	M5	ISO ePM10 60%	595	595	45	5.90	2000	65	E
MPF-495/595/45-5KN	M5	ISO ePM10 60%	495	595	45	4.90	1650	65	E
MPF-287/595/45-5KN	M5	ISO ePM10 60%	287	595	45	2.90	1000	65	E
MPF-595/595/95-5KN	M5	ISO ePM10 55%	595	595	95	11.50	2900	70	E
MPF-495/595/95-5KN	M5	ISO ePM10 55%	495	595	95	9.60	2400	70	E
MPF-287/595/95-5KN	M5	ISO ePM10 55%	287	595	95	5.80	1450	70	E
MPF-595/595/45-6KN	M6	ISO ePM10 65%	595	595	45	5.90	2000	65	E
MPF-495/595/45-6KN	M6	ISO ePM10 65%	495	595	45	4.90	1650	65	E
MPF-287/595/45-6KN	M6	ISO ePM10 65%	287	595	45	2.90	1000	65	E
MPF-595/595/95-6KN	M6	ISO ePM10 65%	595	595	95	11.50	2900	96	E
MPF-495/595/95-6KN	M6	ISO ePM10 65%	495	595	95	9.60	2400	96	E
MPF-287/595/95-6KN	M6	ISO ePM10 65%	287	595	95	5.80	1450	96	E
MPF-595/595/45-7KN	F7	ISO ePM2.5 55%	595	595	45	5.90	2000	80	E
MPF-495/595/45-7KN	F7	ISO ePM2.5 55%	495	595	45	4.90	1650	80	E
MPF-287/595/45-7KN	F7	ISO ePM2.5 55%	287	595	45	2.90	1000	80	E
MPF-595/595/95-7KN	F7	ISO ePM1 50%	595	595	95	11.50	2900	90	E

* According to EN 779:2012 ** According to ISO 16890 *** According to Eurovent 21/21-2019

MPF SERIES CARDBOARD

Part Number	EN 779:2012 Efficiency	ISO 16890 Class	Dimensions			Media Area (m^2)	Air Flow (m^3/h)	Pressure Drop (Pa)	Energy (***)
			Width (mm)	Length (mm)	Depth (mm)				
MPF-495/595/95-7KN	F7	ISO ePM1 50%	495	595	95	9.60	2400	90	E
MPF-287/595/95-7KN	F7	ISO ePM1 50%	287	595	95	5.80	1450	90	E
MPF-595/595/45-8KN	F8	ISO ePM1 60%	595	595	45	5.90	2000	100	E
MPF-495/595/45-8KN	F8	ISO ePM1 60%	495	595	45	4.90	1650	100	E
MPF-287/595/45-8KN	F8	ISO ePM1 60%	287	595	45	2.90	1000	100	E
MPF-595/595/95-8KN	F8	ISO ePM1 65%	595	595	95	11.50	2900	130	E
MPF-495/595/95-8KN	F8	ISO ePM1 65%	495	595	95	9.60	2400	130	E
MPF-287/595/95-8KN	F8	ISO ePM1 65%	287	595	95	5.80	1450	130	E

* According to EN 779:2012 ** According to ISO 16890 *** According to Eurovent 21/21-2019

MPF SERIES

Media	Microglass Fiber
Frame	Galvanized Steel, Aluminium, Stainless Steel, MDF, Plastic
Final Pressure Drop	450 Pa
Operating Temperature	80 °C
Filter Efficiency*	M6-F7-F8-F9
Filter Class**	ISO ePM10 / ISO ePM1
Gasket	Optional
Sealant	Polyurethane
Separator	Hot Melt

Applications

- HVAC

Advantages

- Compact and rigid
- Low energy use
- High surface area
- MPF product line fully meets the requirements for VDI 6022

Part Number	EN 779:2012 Efficiency	ISO 16890 Class	Dimensions			Media Area (m^2)	Air Flow (m^3/h)	Pressure Drop (Pa)	Energy (***)
			Width (mm)	Length (mm)	Depth (mm)				
MPF-287/592/48-6GN	M6	ISO ePM10 65%	287	592	48	3.00	1000	65	E
MPF-492/592/48-6GN	M6	ISO ePM10 65%	492	592	48	5.00	1600	65	E
MPF-592/592/48-6GN	M6	ISO ePM10 65%	592	592	48	6.00	2000	65	E
MPF-287/592/96-6GN	M6	ISO ePM10 65%	287	592	96	5.50	1450	80	E
MPF-492/592/96-6GN	M6	ISO ePM10 65%	492	592	96	9.00	2400	80	E
MPF-592/592/96-6GN	M6	ISO ePM10 65%	592	592	96	11.00	2900	80	E
MPF-287/592/48-7GN	F7	ISO ePM1 50%	287	592	48	3.00	1000	80	E
MPF-492/592/48-7GN	F7	ISO ePM1 50%	492	592	48	5.00	1600	80	E
MPF-592/592/48-7GN	F7	ISO ePM1 50%	592	592	48	6.00	2000	80	E
MPF-287/592/96-7GN	F7	ISO ePM1 55%	287	592	96	5.50	1450	90	E
MPF-492/592/96-7GN	F7	ISO ePM1 55%	492	592	96	9.00	2400	90	E
MPF-592/592/96-7GN	F7	ISO ePM1 55%	592	592	96	11.00	2900	90	E

* According to EN 779:2012 ** According to ISO 16890 *** According to Eurovent 21/4-2019

MPF SERIES

Part Number	EN 779:2012 Efficiency	ISO 16890 Class	Dimensions			Media Area (m^2)	Air Flow (m^3/h)	Pressure Drop (Pa)	Energy (***)
			Width (mm)	Length (mm)	Depth (mm)				
MPF-287/592/48-8GN	F8	ISO ePM1 65%	287	592	48	3.00	1000	100	E
MPF-492/592/48-8GN	F8	ISO ePM1 65%	492	592	48	5.00	1600	100	E
MPF-592/592/48-8GN	F8	ISO ePM1 65%	592	592	48	6.00	2000	100	E
MPF-287/592/96-8GN	F8	ISO ePM1 65%	287	592	96	5.50	1450	105	E
MPF-492/592/96-8GN	F8	ISO ePM1 65%	492	592	96	9.00	2400	105	E
MPF-592/592/96-8GN	F8	ISO ePM1 65%	592	592	96	11.00	2900	105	E
MPF-287/592/48-9GN	F9	ISO ePM1 80%	287	592	48	3.00	1000	145	E
MPF-492/592/48-9GN	F9	ISO ePM1 80%	492	592	48	5.00	1600	145	E
MPF-592/592/48-9GN	F9	ISO ePM1 80%	592	592	48	6.00	2000	145	E
MPF-287/592/96-9GN	F9	ISO ePM1 80%	287	592	96	5.50	1450	150	E
MPF-492/592/96-9GN	F9	ISO ePM1 80%	492	592	96	9.00	2400	150	E
MPF-592/592/96-9GN	F9	ISO ePM1 80%	592	592	96	11.00	2900	150	E

* According to EN 779:2012 ** According to ISO 16890 *** According to Eurovent 21/4-2019

MC SERIES

Media	Microglass Fiber
Frame	Plastic or Galvanized Steel
Final Pressure Drop	450 Pa
Operating Temperature	80 °C
Filter Efficiency*	M6-F7-F8-F9
Filter Class**	ISO ePM10 / ISO ePM1
Gasket	Optional
Sealant	Polyurethane
Header Thickness	25 mm

Applications

- HVAC
- Pre-filter for cleanroom applications
- Industrial proceses

Advantages

- Compact and rigid
- Low energy consumption
- High surface area

Part Number	EN 779:2012 Efficiency	ISO 16890 Class	Dimensions			Media Area (m^2)	Air Flow (m^3/h)	Pressure Drop (Pa)	Energy (***)
			Width (mm)	Length (mm)	Depth (mm)				
MCL-592/592/130-6PKNNG-S-H25-NT	M6	ISO ePM10 70%	592	592	130	7.00	2250	72	E
MCL-492/592/130-6PKNNG-S-H25-NT	M6	ISO ePM10 70%	492	592	130	5.70	1900	72	E
MCL-292/592/130-6PKNNG-S-H25-NT	M6	ISO ePM10 70%	292	592	130	3.10	1125	72	E
MCH-592/592/130-6PKNNG-S-H25-NT	M6	ISO ePM10 65%	592	592	130	12.40	3400	120	E
MCH-492/592/130-6PKNNG-S-H25-NT	M6	ISO ePM10 65%	492	592	130	9.90	2750	120	E
MCH-292/592/130-6PKNNG-S-H25-NT	M6	ISO ePM10 65%	292	592	130	5.20	1700	120	E
MCL-592/592/130-7PKNNG-S-H25-NT	F7	ISO ePM1 50%	592	592	130	7.00	2250	105	E
MCL-492/592/130-7PKNNG-S-H25-NT	F7	ISO ePM1 50%	492	592	130	5.70	1900	105	E
MCL-292/592/130-7PKNNG-S-H25-NT	F7	ISO ePM1 50%	292	592	130	3.10	1125	105	E
MCH-592/592/130-7PKNNG-S-H25-NT	F7	ISO ePM1 55%	592	592	130	12.40	3400	135	D
MCH-492/592/130-7PKNNG-S-H25-NT	F7	ISO ePM1 55%	492	592	130	9.90	2750	135	D
MCH-292/592/130-7PKNNG-S-H25-NT	F7	ISO ePM1 55%	292	592	130	5.20	1700	135	D

* According to EN 779:2012 ** According to ISO 16890 *** According to Eurovent 4/21-2019

MC SERIES

Part Number	EN 779:2012 Efficiency	ISO 16890 Class	Dimensions			Media Area (m^2)	Air Flow (m^3/h)	Pressure Drop (Pa)	Energy (***)
			Width (mm)	Length (mm)	Depth (mm)				
MCL-592/592/130-8PKNNG-S-H25-NT	F8	ISO ePM1 65%	592	592	130	7.00	2250	120	E
MCL-492/592/130-8PKNNG-S-H25-NT	F8	ISO ePM1 65%	492	592	130	5.70	1900	120	E
MCL-292/592/130-8PKNNG-S-H25-NT	F8	ISO ePM1 65%	292	592	130	3.10	1125	120	E
MCH-592/592/130-8PKNNG-S-H25-NT	F8	ISO ePM1 65%	592	592	130	12.40	3400	150	E
MCH-492/592/130-8PKNNG-S-H25-NT	F8	ISO ePM1 65%	492	592	130	9.90	2750	150	E
MCH-292/592/130-8PKNNG-S-H25-NT	F8	ISO ePM1 65%	292	592	130	5.40	1700	150	E
MCH-592/592/130-9PKNNG-S-H25-NT	F9	ISO ePM1 80%	592	592	130	12.40	3400	175	E
MCH-492/592/130-9PKNNG-S-H25-NT	F9	ISO ePM1 80%	492	592	130	9.90	2750	175	E
MCH-292/592/130-9PKNNG-S-H25-NT	F9	ISO ePM1 80%	292	592	130	5.20	1700	175	E

* According to EN 779:2012 ** According to ISO 16890 *** According to Eurovent 4/21-2019

MV-HT PLASTIC SERIES

Media	Microglass Fiber
Frame	Polyamid
Final Pressure Drop	600 Pa
Max. Operating Temperature	120 °C
Filter Efficiency*	M6-F7-F8-F9
Filter Class**	ISO ePM10 / ISO ePM1
Gasket	Optional
Sealant	Polyurethane
Header Thickness	20 mm, 25 mm

Applications

- HVAC
- Cleanroom applications

Advantages

- Compact design
- High surface area
- High efficiency
- MV-HT product line fully meets the requirements for VDI 6022

Part Number	EN 779:2012 Efficiency	ISO 16890 Class	Dimensions			Media Area (m^2)	Air Flow (m^3/h)	Pressure Drop (Pa)	Energy (***)
			Width (mm)	Length (mm)	Depth (mm)				
MV-F6-01-P	M6	ISO ePM10 65%	592	292	292	9.00	2150	110	E
MV-F6-02-P	M6	ISO ePM10 65%	592	492	292	15.00	3500	110	E
MV-F6-03-P	M6	ISO ePM10 65%	592	592	292	18.00	4250	110	E
MV-F7-01-P	F7	ISO ePM1 50%	592	292	292	9.00	2150	115	E
MV-F7-02-P	F7	ISO ePM1 50%	592	492	292	15.00	3500	115	E
MV-F7-03-P	F7	ISO ePM1 50%	592	592	292	18.00	4250	115	E
MV-F8-01-P	F8	ISO ePM1 65%	592	292	292	9.00	2150	130	E
MV-F8-02-P	F8	ISO ePM1 65%	592	492	292	15.00	3500	130	E
MV-F8-03-P	F8	ISO ePM1 65%	592	592	292	18.00	4250	130	E
MV-F9-01-P	F9	ISO ePM1 80%	592	292	292	9.00	2150	155	E
MV-F9-02-P	F9	ISO ePM1 80%	592	492	292	15.00	3500	155	E
MV-F9-03-P	F9	ISO ePM1 80%	592	592	292	18.00	4250	155	E

* According to EN 779:2012 ** According to ISO 16890 *** According to Eurovent 4/21-2019

MV SERIES

Media	Microglass Fiber
Frame	PS
Final Pressure Drop	450 Pa
Operating Temperature	80 °C
Filter Efficiency*	M6-F7-F8-F9
Filter Class**	ISO ePM10 / ISO ePM1
Gasket	Optional
Sealant	Polyurethane
Separators	Hot Melt
Header Thickness	20 mm, 25 mm

Applications

- HVAC
- Cleanroom applications
- Air purification of smokes, pollens

Advantages

- Compact design
- High surface area
- High efficiency
- Energy saver
- MV product line fully meets the requirements for VDI 6022

Part Number	EN 779:2012 Efficiency	ISO 16890 Class	Dimensions			Media Area (m^2)	Air Flow (m^3/h)	Pressure Drop (Pa)	Energy (***)
			Width (mm)	Length (mm)	Depth (mm)				
MV-F6-01	M6	ISO ePM10 65%	592	292	292	9.00	1750	65	D
MV-F6-02	M6	ISO ePM10 65%	592	492	292	15.00	2800	65	D
MV-F6-03	M6	ISO ePM10 65%	592	592	292	18.00	3400	65	D
MV-F6-07	M6	ISO ePM10 65%	492	492	292	12.00	2300	65	D
MV-F7-01	F7	ISO ePM1 50%	592	292	292	9.00	1750	78	C
MV-F7-02	F7	ISO ePM1 50%	592	492	292	15.00	2800	78	C
MV-F7-03	F7	ISO ePM1 50%	592	592	292	18.00	3400	78	C
MV-F7-07	F7	ISO ePM1 50%	492	492	292	12.00	2300	78	C
MV-F8-01	F8	ISO ePM1 60%	592	292	292	9.00	1750	92	C
MV-F8-02	F8	ISO ePM1 60%	592	492	292	15.00	2800	92	C
MV-F8-03	F8	ISO ePM1 60%	592	592	292	18.00	3400	92	C
MV-F8-07	F8	ISO ePM1 60%	492	492	292	12.00	2300	92	C
MV-F9-01	F9	ISO ePM1 80%	592	292	292	9.00	1750	114	C
MV-F9-02	F9	ISO ePM1 80%	592	492	292	15.00	2800	114	C
MV-F9-03	F9	ISO ePM1 80%	592	592	292	18.00	3400	114	C
MV-F9-07	F9	ISO ePM1 80%	492	492	292	12.00	2300	114	C

* According to EN 779:2012 ** According to ISO 16890 *** According to Eurovent 4/21-2019

MV-ACX SERIES

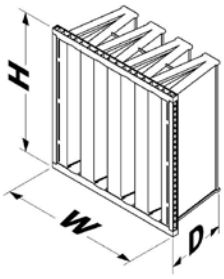
Media	Active Carbon between Layers of Synthetic Media
Frame	Plastic (PS)
Final Pressure Drop	450Pa
Operating Temperature	40 °C
Carbon Weight	425 g/m²
Gasket	Optional
Sealant	Polyurethane

Applications

- Museums, art galleries, libraries etc.

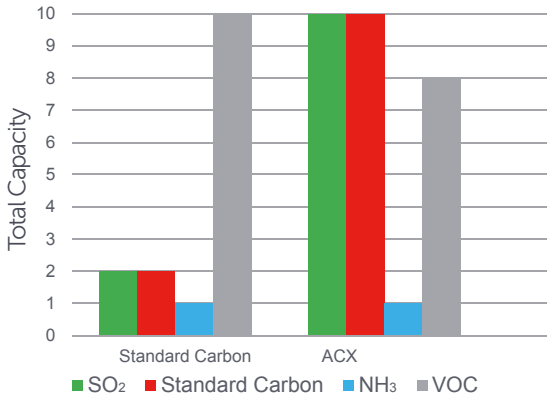
Advantages

- High air flow

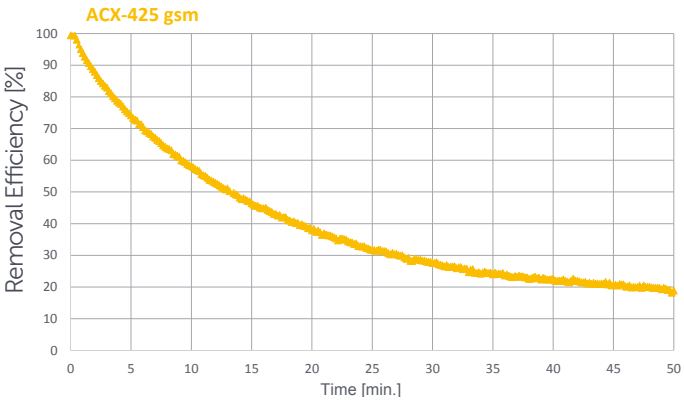


Part Number	EN 779:2012 Efficiency	Dimensions			Media Area (m^2)	Air Flow (m^3/h)	Pressure Drop (Pa)
		Width (mm)	Length (mm)	Depth (mm)			
MV-ACX-01	-	592	292	292	4.00	1700	75
MV-ACX-02	-	592	492	292	6.50	2800	75
MV-ACX-03	-	592	592	292	8.00	3400	75
MV-F7SMACX-01	F7	592	292	292	4.00	1700	120
MV-F7SMACX-02	F7	592	492	292	6.50	2800	120
MV-F7SMACX-03	F7	592	592	292	8.00	3400	120

Total capacity values depending on type of impregnation



ACX Carbon media test - tracer gas SO_2
concenteration: 30ppm 10cm/s conditions: 23°C, 50% rF



* According to EN 779:2012 ** According to ISO 16890

MVX SERIES

Media	Microglass Fiber
Frame	PS
Final Pressure Drop	450 Pa
Operating Temperature	80 °C
Filter Efficiency*	M6-F7-F8-F9
Filter Class**	ISO ePM10 / ISO ePM1
Gasket	Optional
Sealant	Polyurethane
Separators	Hot Melt
Header Thickness	20 mm or 25 mm

FULLY POTTED

Applications

- Gas turbine applications

Advantages

- High surface area
- High efficiency
- Energy saver

Part Number	EN 779:2012 Efficiency	ISO 16890 Class	Dimensions			Media Area (m^2)	Air Flow (m^3/h)	Pressure Drop (Pa)	Energy (***)
			Width (mm)	Length (mm)	Depth (mm)				
MVX-F6-03-DPG-Y	M6	ISO ePM10 60%	592	592	440	32.00	3400	62	C
MVX-F6-02-DPG-Y	M6	ISO ePM10 60%	592	492	440	27.00	2800	62	C
MVX-F6-01-DPG-Y	M6	ISO ePM10 60%	592	292	440	16.00	1750	62	C
MVX-F7-03-DPG-Y	F7	ISO ePM1 60%	592	592	440	32.00	3400	70	A+
MVX-F7-02-DPG-Y	F7	ISO ePM1 60%	592	492	440	27.00	2800	70	A+
MVX-F7-01-DPG-Y	F7	ISO ePM1 60%	592	292	440	16.00	1750	70	A+
MVX-F8-03-DPG-Y	F8	ISO ePM1 65%	592	592	440	32.00	3400	85	A
MVX-F8-02-DPG-Y	F8	ISO ePM1 65%	592	492	440	27.00	2800	85	A
MVX-F8-01-DPG-Y	F8	ISO ePM1 65%	592	292	440	16.00	1750	85	A
MVX-F9-03-DPG-Y	F9	ISO ePM1 85%	592	592	440	32.00	3400	95	A
MVX-F9-02-DPG-Y	F9	ISO ePM1 85%	592	492	440	27.00	2800	95	A
MVX-F9-01-DPG-Y	F9	ISO ePM1 85%	592	292	440	16.00	1750	95	A

* According to EN 779:2012 ** According to ISO 16890 *** According to Eurovent 4/21-2019

MVEE SERIES

Media	Microglass Fiber
Frame	PS
Final Pressure Drop	450 Pa
Operating Temperature	80 °C
Filter Efficiency*	F7-F8-F9
Filter Class**	ISO ePM1
Gasket	Optional
Sealant	Polyurethane
Separators	Hot Melt
Header Thickness	20 mm, 25 mm

Applications

- HVAC
- Cleanroom applications

Advantages

- High surface area
- High efficiency

Part Number	EN 779:2012 Efficiency	ISO 16890 Class	Dimensions			Media Area (m^2)	Air Flow (m^3/h)	Pressure Drop (Pa)	Energy (***)
			Width (mm)	Length (mm)	Depth (mm)				
MVEE-F7-01	F7	ISO ePM1 50%	592	292	292	10.00	1750	78	A
MVEE-F7-02	F7	ISO ePM1 50%	592	492	292	16.00	2800	78	A
MVEE-F7-03	F7	ISO ePM1 50%	592	592	292	20.00	3400	78	A
MVEE-F8-01	F8	ISO ePM1 70%	592	292	292	10.00	1750	88	A
MVEE-F8-02	F8	ISO ePM1 70%	592	492	292	16.00	2800	88	A
MVEE-F8-03	F8	ISO ePM1 70%	592	592	292	20.00	3400	88	A
MVEE-F9-01	F9	ISO ePM1 80%	592	292	292	10.00	1750	95	A
MVEE-F9-02	F9	ISO ePM1 80%	592	492	292	16.00	2800	95	A
MVEE-F9-03	F9	ISO ePM1 80%	592	592	292	20.00	3400	95	A

* According to EN 779:2012 ** According to ISO 16890 *** According to Eurovent 4/21-2019

MW SERIES

Media	Microglass Fiber
Frame	PS
Final Pressure Drop	450 Pa
Operating Temperature	80 °C
Filter Efficiency*	M6-F7-F8-F9
Filter Class**	ISO ePM10 / ISO ePM1
Gasket	Optional
Sealant	Polyurethane
Separators	Hot Melt
Header Thickness	20 mm, 25 mm

Applications

• HVAC

Advantages

• Compact and economic
• High surface area
• High efficiency

Part Number	EN 779:2012 Efficiency	ISO 16890 Class	Dimensions			Media Area (m^2)	Air Flow (m^3/h)	Pressure Drop (Pa)	Energy (***)
			Width (mm)	Length (mm)	Depth (mm)				
MW-F6-01	M6	ISO ePM10 65%	592	292	292	4.50	1750	80	E
MW-F6-02	M6	ISO ePM10 65%	592	492	292	7.50	2800	80	E
MW-F6-03	M6	ISO ePM10 65%	592	592	292	9.00	3400	80	E
MW-F7-01	F7	ISO ePM1 50%	592	292	292	4.50	1750	115	D
MW-F7-02	F7	ISO ePM1 50%	592	492	292	7.50	2800	115	D
MW-F7-03	F7	ISO ePM1 50%	592	592	292	9.00	3400	115	D
MW-F8-01	F8	ISO ePM1 60%	592	292	292	4.50	1750	120	D
MW-F8-02	F8	ISO ePM1 60%	592	492	292	7.50	2800	120	D
MW-F8-03	F8	ISO ePM1 60%	592	592	292	9.00	3400	120	D
MW-F9-01	F9	ISO ePM1 75%	592	292	292	4.50	1750	150	E
MW-F9-02	F9	ISO ePM1 75%	592	492	292	7.50	2800	150	E
MW-F9-03	F9	ISO ePM1 75%	592	592	292	9.00	3400	150	E

* According to EN 779:2012 ** According to ISO 16890 *** According to Eurovent 4/21-2019

MV SERIES SINGLE CELL V FILTER

Media	Microglass Fiber
Frame	Plastic (PS), Galvanized Steel, Aluminium
Final Pressure Drop	450 Pa
Operating Temperature	80 °C
Filter Efficiency*	F8-F9-E11-E12-H13
Filter Class**	ISO ePM1
Gasket	Optional
Sealant	Polyurethane
Separators	Hot Melt

Applications

• Terminal filtration in air treatment units

Advantages

• High air flow
• Low pressure drop

Part Number	Filter Class			Dimensions			Media Area (m^2)	Air Flow (m^3/h)	Pressure Drop (Pa)
	EN 779:2012 Efficiency	ISO 16890 Class	EN 1822	Width (mm)	Length (mm)	Depth (mm)			
MV-202/400/86.5-8GN	F8	ISO ePM1 60%	-	86.5	202	400	2.20	135	90
MV-202/600/86.5-8GN	F8	ISO ePM1 60%	-	86.5	202	600	3.20	200	90
MV-202/600/65-8GN	F8	ISO ePM1 60%	-	65.0	202	600	3.20	200	55
MV-202/400/86.5-9GN	F9	ISO ePM1 75%	-	86.5	202	400	2.20	135	130
MV-202/600/86.5-9GN	F9	ISO ePM1 75%	-	86.5	202	600	3.20	200	130
MV-202/600/65-9GN	F9	ISO ePM1 75%	-	65.0	202	600	3.20	200	85
MV-303/600/86.5-9GN	F9	ISO ePM1 75%	-	86.5	303	600	5.00	300	130
MV-202/400/86.5-11GN	-	-	E11	86.5	202	400	2.20	135	160
MV-202/600/86.5-11GN	-	-	E11	86.5	202	600	3.20	200	160
MV-202/600/65-11GN	-	-	E11	65.0	202	600	3.20	200	115

* According to EN 779:2012 ** According to ISO 16890

ISO 16890 CERTIFIED

MV SERIES SINGLE CELL V FILTER

Part Number	Filter Class			Dimensions			Media Area (m^2)	Air Flow (m^3/h)	Pressure Drop (Pa)
	EN 779:2012 Efficiency	ISO 16890 Class	EN 1822	Width (mm)	Length (mm)	Depth (mm)			
MV-202/400/86.5-12GN	-	-	E12	86.5	202	400	2.20	135	170
MV-202/600/86.5-12GN	-	-	E12	86.5	202	600	3.20	200	170
MV-202/600/65-12GN	-	-	E12	65.0	202	600	3.20	200	125
MV-202/600/86.5-13GN	-	-	H13	86.5	202	600	3.20	200	195
MV-202/600/65-13GN	-	-	H13	65.0	202	600	3.20	200	145
MV-303/600/86.5-13GN	-	-	H13	86.5	303	600	5.00	300	195

* According to EN 779:2012 ** According to ISO 16890

04

HIGH TEMPERATURE FILTERS
G4 / M5-F9

HIGH TEMPERATURE FILTERS

MSKPHT SERIES

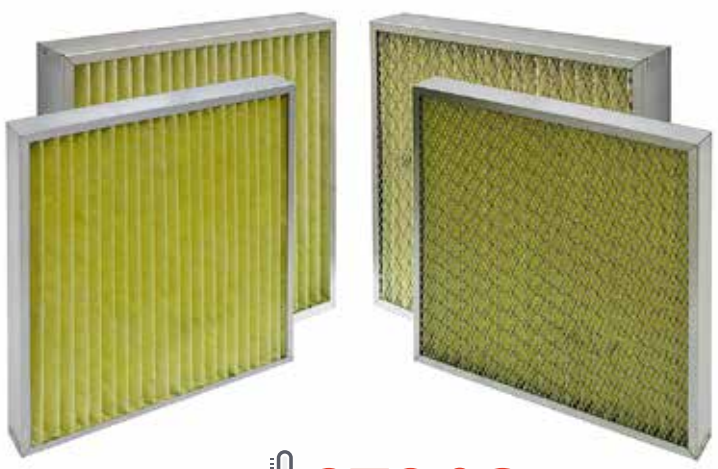
Media	Glass Fiber
Frame	Galvanized Steel or Stainless Steel
Final Pressure Drop	450 Pa
Operating Temperature	270 °C
Filter Efficiency*	M5
Filter Class**	ISO ePM10
Gasket	High Temperature Gasket

Applications

- Pre-filter for heat treatment

Advantages

- Depth loading
- High dust holding capacity



270 °C

SILICONE FREE

Part Number	EN 779:2012 Efficiency	ISO 16890 Class	Dimensions			Media Area (m^2)	Air Flow (m^3/h)	Pressure Drop (Pa)	Energy (***)
			Width (mm)	Length (mm)	Depth (mm)				
MSKPHT-287/592/48	M5	ISO ePM10 50%	287	592	48	0.60	1000	100	E
MSKPHT-492/592/48	M5	ISO ePM10 50%	492	592	48	0.90	1650	100	E
MSKPHT-592/592/48	M5	ISO ePM10 50%	592	592	48	1.10	2000	100	E
MSKPHT-287/592/96	M5	ISO ePM10 50%	287	592	96	1.10	1700	110	E
MSKPHT-492/592/96	M5	ISO ePM10 50%	492	592	96	1.80	2500	110	E
MSKPHT-592/592/96	M5	ISO ePM10 50%	592	592	96	2.20	3400	110	E

* According to EN 779:2012 ** According to ISO 16890 *** According to Eurovent 4/21-2019

MV4HT SERIES

Media	Microglass Fiber
Frame	Galvanized Steel
Final Pressure Drop	450 Pa
Operating Temperature	350 °C
Filter Efficiency*	M6-F8
Filter Class**	ISO ePM10 / ISO ePM1
Gasket	High Temperature Gasket
Header Thickness	22 mm
Separators	Microglass Fiber

350 °C

SILICONE FREE

Applications

- Automotive industry

Advantages

- High efficiency
- High surface area

Part Number	EN 779:2012 Efficiency	ISO 16890 Class	Dimensions			Media Area (m^2)	Air Flow (m^3/h)	Pressure Drop (Pa)	Energy (***)
			Width (mm)	Length (mm)	Depth (mm)				
MV4HT-287/592/292-6GHD2G-1H22	M6	ISO ePM10 60%	287	592	292	7.0	1700	110	E
MV4HT-492/592/292-6GHD2G-1H22	M6	ISO ePM10 60%	492	592	292	12.0	2500	110	E
MV4HT-592/592/292-6GHD2G-1H22	M6	ISO ePM10 60%	592	592	292	15.0	3400	110	E
MV4HT-287/592/292-8GHD2G-1H22	F8	ISO ePM1 60%	287	592	292	7.0	1700	135	D
MV4HT-492/592/292-8GHD2G-1H22	F8	ISO ePM1 60%	492	592	292	12.0	2500	135	D
MV4HT-592/592/292-8GHD2G-1H22	F8	ISO ePM1 60%	592	592	292	15.0	3400	135	D
MV4HT-305/610/400-6GHD2G-1H22	M6	ISO ePM10 60%	305	610	400	11.0	1700	80	-
MV4HT-490/610/400-6GHD2G-1H22	M6	ISO ePM10 60%	490	610	400	18.0	2500	80	-
MV4HT-610/610/400-6GHD2G-1H22	M6	ISO ePM10 60%	610	610	400	22.0	3400	80	-
MV4HT-305/610/400-8GHD2G-1H22	F8	ISO ePM1 60%	305	610	400	11.0	1700	110	-
MV4HT-490/610/400-8GHD2G-1H22	F8	ISO ePM1 60%	490	610	400	18.0	2500	110	-
MV4HT-610/610/400-8GHD2G-1H22	F8	ISO ePM1 60%	610	610	400	22.0	3400	110	-
MV4HT-287/592/400-6GHD2G-1H22	M6	ISO ePM10 60%	287	592	400	11.0	1700	80	D
MV4HT-492/592/400-6GHD2G-1H22	M6	ISO ePM10 60%	492	592	400	18.0	2500	80	D
MV4HT-592/592/400-6GHD2G-1H22	M6	ISO ePM10 60%	592	592	400	22.0	3400	80	D
MV4HT-287/592/400-8GHD2G-1H22	F8	ISO ePM1 60%	287	592	400	11.0	1700	110	C
MV4HT-492/592/400-8GHD2G-1H22	F8	ISO ePM1 60%	492	592	400	18.0	2500	110	C
MV4HT-592/592/400-8GHD2G-1H22	F8	ISO ePM1 60%	592	592	400	22.0	3400	110	C

EUROVENT CERTIFIED PERFORMANCE www.eurovent-certification.com

ISO 16890 CERTIFIED

* According to EN 779:2012 ** According to ISO 16890 *** According to Eurovent 4/21-2019

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MVHHT SERIES

Media	Micro Glass Fiber
Separators	Micro Glass Fiber
Frame	Stainless Steel or Galvanized Steel
Sealant	Silicone
Temperature Max.	250 °C
Final Pressure Drop	600 Pa

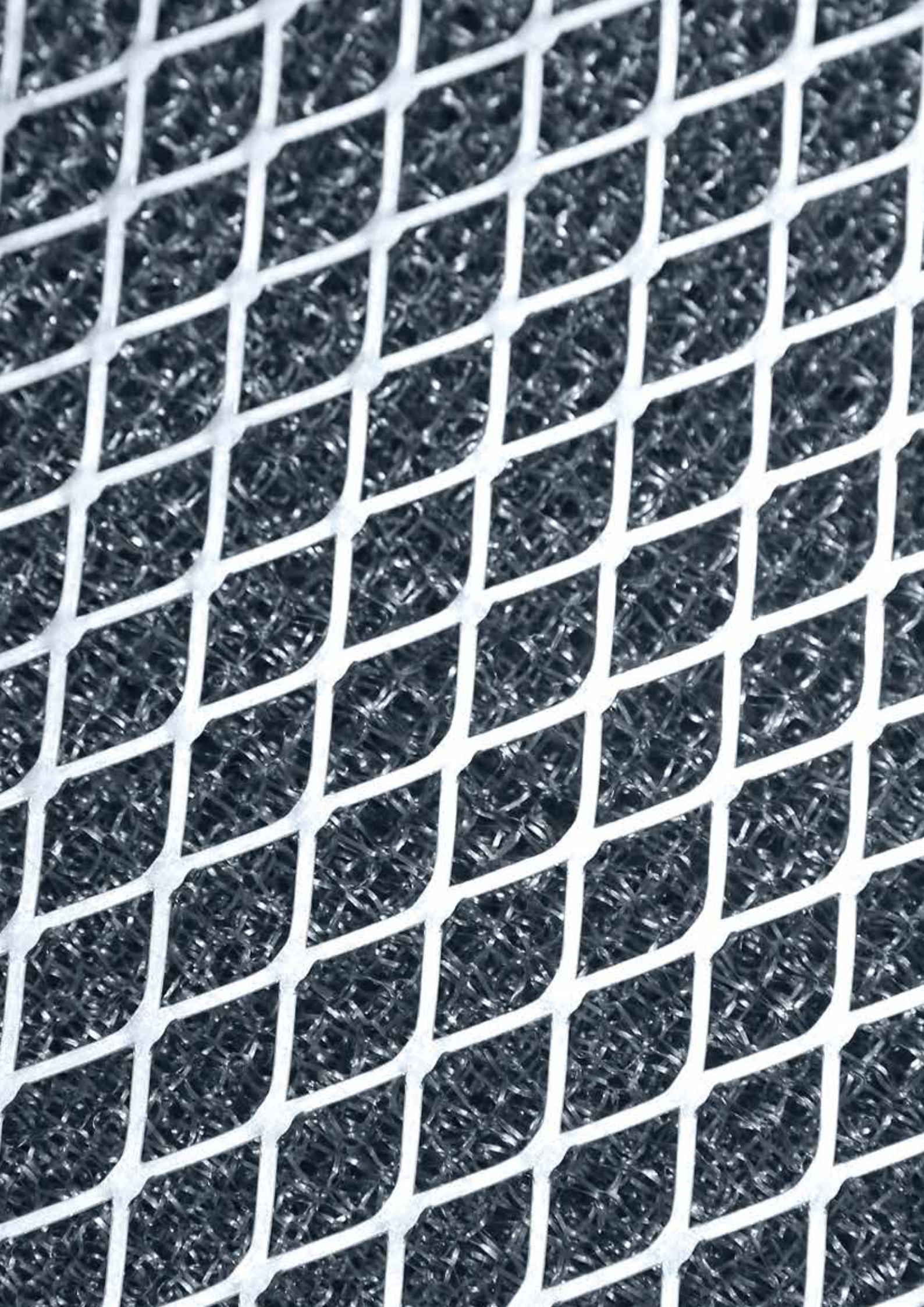
Applications

- Air conditioning systems
- Industrial processes

250 °C

Part Number	EN 779:2012 Efficiency	ISO 16890 Class	EN 1822	Dimensions			Media Area (m^2)	Air Flow (m^3/h)	Pressure Drop (Pa)
				Width (mm)	Height (mm)	Depth (mm)			
MVHHT-610/610/292-5/6-7SN2SG	F7	ISO ePM1 60%	-	610	610	292	22.0	3400	85
MVHHT-610/610/292-5/6-8SN2SG	F8	ISO ePM1 65%	-	610	610	292	22.0	3400	90
MVHHT-610/610/292-5/6-9SN2SG	F9	ISO ePM1 85%	-	610	610	292	22.0	3400	110
MVHHT-610/610/292-5/6-10SN2SG	-	-	E10	610	610	292	22.0	2500	85
MVHHT-610/610/292-5/6-11SN2SG	-	-	E11	610	610	292	22.0	2500	110
MVHHT-610/610/292-5/6-12SN2SG	-	-	E12	610	610	292	22.0	2500	185
MVHHT-610/610/292-5/6-13SN2SG	-	-	H13	610	610	292	22.0	2500	240
MVHHT-610/610/292-5/6-14SN2SG	-	-	H14	610	610	292	22.0	2500	260

ISO 16890 CERTIFIED



MPHT SERIES 30-78 mm

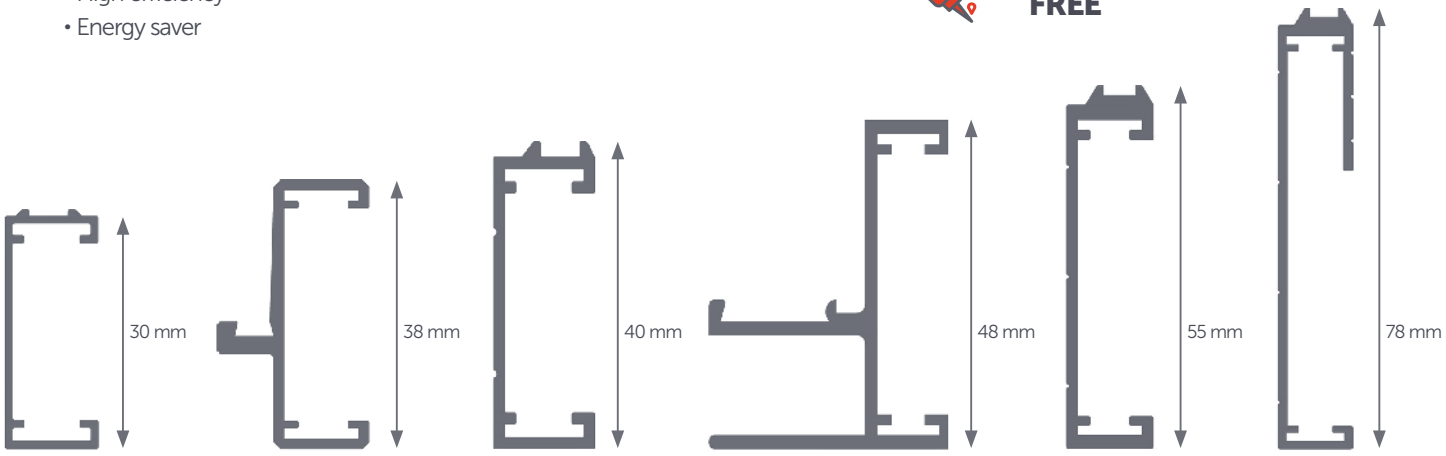
Media	Microglass Fiber
Frame	Extruded Aluminium, Galvanized Steel, Stainless Steel
Final Pressure Drop	450 Pa
Operating Temperature	350 °C
Filter Efficiency*	M6-F8
Filter Class**	ISO ePM10 / ISO ePM1
Gasket	High Temperature Gasket
Protection Grid	Expanded Metal, Both Sides
Separators	Microglass Fiber

350 °C

SILICONE FREE

Applications
- Painting ovens

Advantages
- High efficiency
- Energy saver



Part Number	EN 779:2012 Efficiency	ISO 16890 Class	Dimensions			Media Area (m^2)	Air Flow (m^3/h)	Pressure Drop (Pa)	Energy (***)
			Width (mm)	Length (mm)	Depth (mm)				
MPHT-480/480/30-6APHD2G	M6	ISO ePM10 60%	480	480	30	2.30	1180	60	-
MPHT-610/610/30-6APHD2G	M6	ISO ePM10 60%	610	610	30	3.60	1900	60	-
MPHT-610/915/30-6APHD2G	M6	ISO ePM10 60%	610	915	30	5.40	2850	60	-
MPHT-457/915/30-6APHD2G	M6	ISO ePM10 60%	457	915	30	4.00	2130	60	-
MPHT-480/480/30-8APHD2G	F8	ISO ePM1 65%	480	480	30	2.30	990	100	-
MPHT-610/610/30-8APHD2G	F8	ISO ePM1 65%	610	610	30	3.60	1600	100	-
MPHT-610/915/30-8APHD2G	F8	ISO ePM1 65%	610	915	30	5.40	2400	100	-
MPHT-457/915/30-8APHD2G	F8	ISO ePM1 65%	457	915	30	4.00	1800	100	-

* According to EN 779:2012 ** According to ISO 16890

'-' Models so marked are **not Eurovent certified**

MPHT SERIES 30-78 mm

Part Number	EN 779:2012 Efficiency	ISO 16890 Class	Dimensions			Media Area (m^2)	Air Flow (m^3/h)	Pressure Drop (Pa)	Energy (***)
			Width (mm)	Length (mm)	Depth (mm)				
MPHT-625/625/38-6APHD2G	M6	ISO ePM10 60%	625	625	38	5.40	1900	60	-
MPHT-625/625/38-8APHD2G	F8	ISO ePM1 65%	625	625	38	5.40	1600	100	-
MPHT-480/480/40-6APHD2G	M6	ISO ePM10 60%	480	480	40	3.30	1180	60	E
MPHT-592/592/40-6APHD2G	M6	ISO ePM10 60%	592	592	40	5.40	1800	60	E
MPHT-610/610/40-6APHD2G	M6	ISO ePM10 60%	610	610	40	5.40	1900	60	E
MPHT-610/915/40-6APHD2G	M6	ISO ePM10 60%	610	915	40	8.10	2850	60	E
MPHT-457/915/40-6APHD2G	M6	ISO ePM10 60%	457	915	40	6.05	2130	60	E
MPHT-480/480/40-8APHD2G	F8	ISO ePM1 60%	480	480	40	3.30	990	100	E
MPHT-592/592/40-8APHD2G	F8	ISO ePM1 60%	592	592	40	5.40	1500	100	E
MPHT-610/610/40-8APHD2G	F8	ISO ePM1 60%	610	610	40	5.40	1600	100	E
MPHT-610/915/40-8APHD2G	F8	ISO ePM1 60%	610	915	40	8.10	2400	100	E
MPHT-457/915/40-8APHD2G	F8	ISO ePM1 60%	457	915	40	6.05	1800	100	E
MPHT-480/480/55-6APHD2G	M6	ISO ePM10 65%	480	480	55	4.60	1550	90	E
MPHT-592/592/55-6APHD2G	M6	ISO ePM10 65%	592	592	55	7.50	2500	90	E
MPHT-610/610/55-6APHD2G	M6	ISO ePM10 65%	610	610	55	7.50	2500	90	E
MPHT-610/915/55-6APHD2G	M6	ISO ePM10 65%	610	915	55	11.25	3750	90	E
MPHT-457/915/55-6APHD2G	M6	ISO ePM10 65%	457	915	55	8.50	2800	90	E
MPHT-480/480/55-8APHD2G	F8	ISO ePM1 60%	480	480	55	4.60	1240	100	E
MPHT-592/592/55-8APHD2G	F8	ISO ePM1 60%	592	592	55	7.50	1900	100	E
MPHT-610/610/55-8APHD2G	F8	ISO ePM1 60%	610	610	55	7.50	2000	100	E
MPHT-610/915/55-8APHD2G	F8	ISO ePM1 60%	610	915	55	11.25	3000	100	E
MPHT-457/915/55-8APHD2G	F8	ISO ePM1 60%	457	915	55	8.50	2250	100	E
MPHT-480/480/78-6APHD2G	M6	ISO ePM10 65%	480	480	78	4.60	1550	90	E
MPHT-592/592/78-6APHD2G	M6	ISO ePM10 65%	592	592	78	7.50	2500	90	E
MPHT-610/610/78-6APHD2G	M6	ISO ePM10 65%	610	610	78	7.50	2500	90	E
MPHT-610/915/78-6APHD2G	M6	ISO ePM10 65%	610	915	78	11.25	3750	90	E
MPHT-457/915/78-6APHD2G	M6	ISO ePM10 65%	457	915	78	8.50	2800	90	E
MPHT-480/480/78-8APHD2G	F8	ISO ePM1 60%	480	480	78	4.60	1240	100	E
MPHT-592/592/78-8APHD2G	F8	ISO ePM1 60%	592	592	78	7.50	1900	100	E
MPHT-610/610/78-8APHD2G	F8	ISO ePM1 60%	610	610	78	7.50	2000	100	E
MPHT-610/915/78-8APHD2G	F8	ISO ePM1 60%	610	915	78	11.25	3000	100	E
MPHT-457/915/78-8APHD2G	F8	ISO ePM1 60%	457	915	78	8.50	2250	100	E

* According to EN 779:2012 ** According to ISO 16890 *** According to Eurovent 21/4-2019

'-' Models so marked are **not Eurovent certified**

MASHT SERIES

Media	Glassfiber
Frame	Galvanized Steel
Final Pressure Drop	450 Pa
Operating Temperature	270 °C
Filter Efficiency*	M6-F8
Filter Class**	ISO ePM10 / ISO ePM1
Gasket	High Temperature Gasket

Applications

• Automotive industry

Advantages

• High efficiency
• High surface area

270 °C

SILICONE FREE

Part Number	EN 779:2012 Efficiency	ISO 16890 Class	Dimensions			Media Area (m^2)	Air Flow (m^3/h)	Pressure Drop (Pa)	Energy (***)
			Width (mm)	Length (mm)	Depth (mm)				
MASHT-287/592/292-6GHD2G-1H20	M6	ISO ePM10 65%	287	592	292	7.00	1700	130	E
MASHT-492/592/292-6GHD2G-1H20	M6	ISO ePM10 65%	492	592	292	11.00	2800	130	E
MASHT-592/592/292-6GHD2G-1H20	M6	ISO ePM10 65%	592	592	292	14.00	3400	130	E
MASHT-287/592/292-6GHD2G-1H20-6	M6	ISO ePM10 65%	287	592	292	6.00	1700	140	E
MASHT-492/592/292-6GHD2G-1H20-9	M6	ISO ePM10 65%	492	592	292	9.00	2800	140	E
MASHT-592/592/292-6GHD2G-1H20-12	M6	ISO ePM10 65%	592	592	292	12.00	3400	140	E
MASHT-305/610/292-6GHD2G	M6	ISO ePM10 65%	305	610	292	6.00	2125	130	-
MASHT-490/610/292-6GHD2G	M6	ISO ePM10 65%	490	610	292	9.00	3400	130	-
MASHT-610/610/292-6GHD2G	M6	ISO ePM10 65%	610	610	292	12.00	4250	130	-
MASHT-305/610/292-6GHD2G-7	M6	ISO ePM10 65%	305	610	292	7.00	2125	130	-
MASHT-490/610/292-6GHD2G-11	M6	ISO ePM10 65%	490	610	292	11.00	3400	130	-
MASHT-610/610/292-6GHD2G-14	M6	ISO ePM10 65%	610	610	292	14.00	4250	130	-
MASHT-287/592/292-8GHD2G-1H20	F8	ISO ePM1 65%	287	592	292	7.00	1700	150	E
MASHT-492/592/292-8GHD2G-1H20	F8	ISO ePM1 65%	492	592	292	11.00	2800	150	E
MASHT-592/592/292-8GHD2G-1H20	F8	ISO ePM1 65%	592	592	292	14.00	3400	150	E
MASHT-287/592/292-8GHD2G-1H20-6	F8	ISO ePM1 65%	287	592	292	6.00	1700	160	D
MASHT-492/592/292-8GHD2G-1H20-9	F8	ISO ePM1 65%	492	592	292	9.00	2800	160	D

* According to EN 779:2012 ** According to ISO 16890 *** According to Eurovent 4/21-2019

'-' Models so marked are **not Eurovent certified**

MASHT SERIES

Part Number	EN 779:2012 Efficiency	ISO 16890 Class	Dimensions			Media Area (m^2)	Air Flow (m^3/h)	Pressure Drop (Pa)	Energy (***)
			Width (mm)	Length (mm)	Depth (mm)				
MASHT-592/592/292-8GHD2G-1H20-12	F8	ISO ePM1 65%	592	592	292	12.00	3400	160	D
MASHT-305/610/292-8GHD2G	F8	ISO ePM1 65%	305	610	292	6.00	2125	160	-
MASHT-490/610/292-8GHD2G	F8	ISO ePM1 65%	490	610	292	9.00	3400	160	-
MASHT-610/610/292-8GHD2G	F8	ISO ePM1 65%	610	610	292	12.00	4250	160	-
MASHT-305/610/292-8GHD2G-7	F8	ISO ePM1 65%	305	610	292	7.00	2125	160	-
MASHT-490/610/292-8GHD2G-11	F8	ISO ePM1 65%	490	610	292	11.00	3400	160	-
MASHT-610/610/292-8GHD2G-14	F8	ISO ePM1 65%	610	610	292	14.00	4250	160	-

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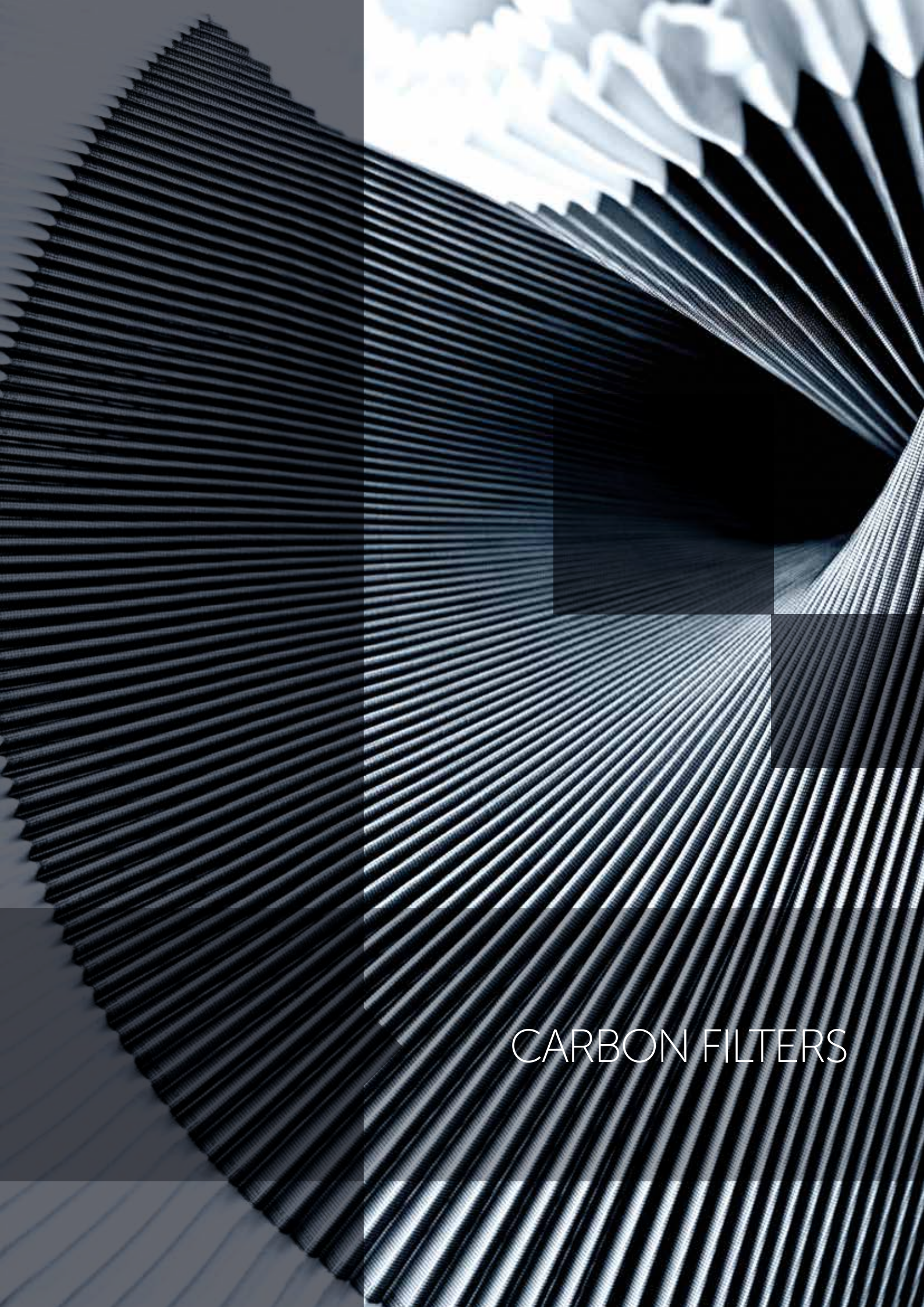
'-' Models so marked are **not Eurovent certified**

05

CARBON FILTERS



CARBON FILTERS

MV-ACP SERIES

Media	Active Carbon between Layers of Synthetic Media
Frame	Plastic (PS)
Final Pressure Drop	450 Pa
Operating Temperature	70 °C
Carbon Weight	500 g/m^2
Gasket	Optional
Sealant	Polyurethane

Applications

• Deodorization and purfication of gaseous polluants

Advantages

• High air flow

Part Number	EN 779:2012 Efficiency	Dimensions			Media Area (m^2)	Air Flow (m^3/h)	Pressure Drop (Pa)
		Width (mm)	Length (mm)	Depth (mm)			
MV-ACP-01	-	592	292	292	4.00	1700	75
MV-ACP-02	-	592	492	292	6.50	2800	75
MV-ACP-03	-	592	592	292	8.00	3400	75
MV-F7SMAC-01	F7	592	292	292	4.00	1700	120
MV-F7SMAC-02	F7	592	492	292	6.50	2800	120
MV-F7SMAC-03	F7	592	592	292	8.00	3400	120

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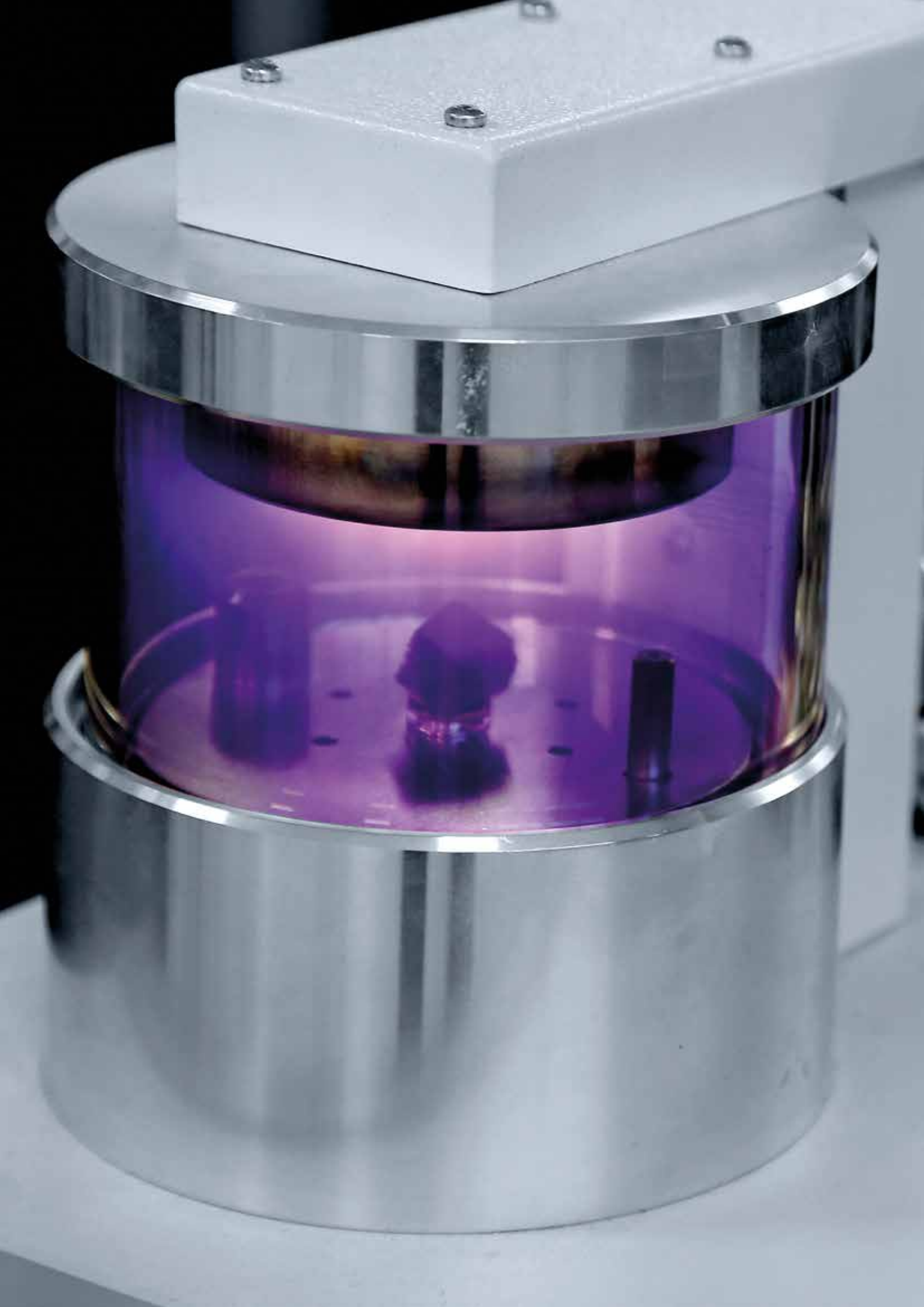


ACTIVATED CARBON CARTRIDGES

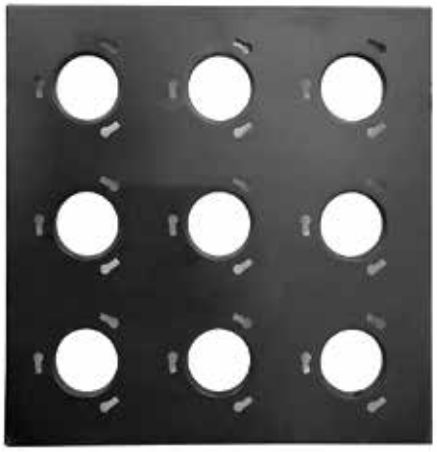
Filter Part Name	MHA 165-450-ACG
Carbon Type	ACG
Material	Galvanized Steel with Epoxy Paint
Gasket	Epdm
Amount of Carbon	~4 kg
RH. Max.	70%
Max. Temperature	40 °C

Applications

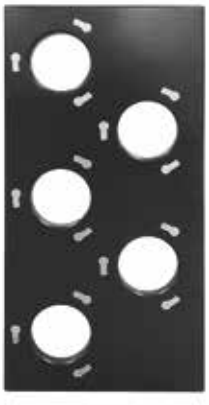
• Absorption of odors and gases

ACTIVATED CARBON HOUSINGS

Part Name	MACT-605/605/37
Material	Galvanized Steel with Epoxy Paint
Number of Cartridge	9
Air Flow	3400 m^3/h
Pressure Drop	150 Pa
Weight of Housing	7 kg



Part Name	MACT-300/605/37
Material	Galvanized Steel with Epoxy Paint
Number of Cartridge	5
Air Flow	1700 m^3/h
Pressure Drop	150 Pa
Weight of Housing	3.5 kg



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ACTIVATED CARBON V CELL FILTERS

Carbon Type	ACG
Material	Galvanized Steel
RH. Max.	70%
Max. Temperature	40 °C
Sealant	Polyurethane

Applications

• Absorption of odors and gases

Part Number	Dimensions			Cell Type	Min. Contact Time (s)	Air Flow (m^3/h)	Diff. Pres. (Pa)	Amount of Carbon (kg)
	Width (mm)	Length (mm)	Depth (mm)					
MV-610/610/292-5/6-ACG	610	610	292	5/6	0.2	2000	120	20
MV-305/610/292-3/4-ACG	305	610	292	3/4	0.2	1000	120	12

ACTIVATED CARBON PANEL FILTERS

Carbon Type	ACG
Material	Galvanized Steel
RH. Max.	70%
Max. Temperature	40 °C

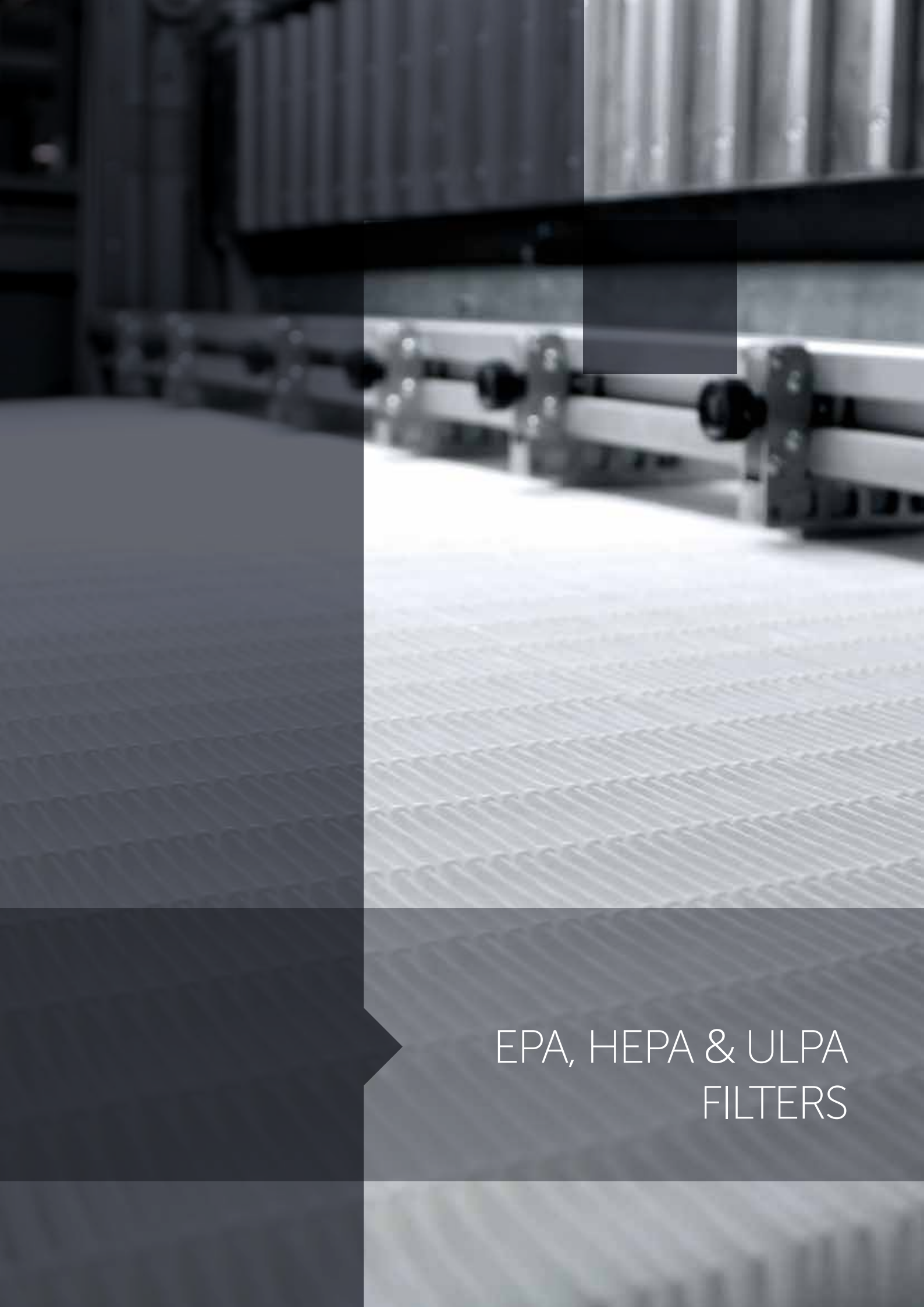
Applications

• Absorption of odors and gases

Part Number	Dimensions			Min. Contact Time (s)	Air Flow (m^3/h)	Diff. Pres. (Pa)	Amount of Carbon (kg)
	Width (mm)	Length (mm)	Depth (mm)				
MSKP-610/610/25-ACG	610	610	25	0.2	330	50	5.5
MSKP-305/610/25-ACG	305	610	25	0.2	115	50	2.8

06

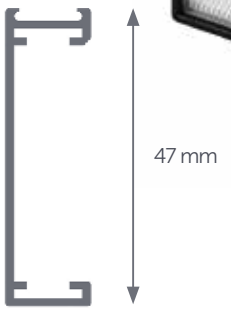
EPA, HEPA & ULPA FILTERS
E10-U15



EPA, HEPA & ULPA FILTERS

HFM SERIES ALUMINIUM PROFILE 47 mm

Media	Microglass Fiber
Frame	Extruded Anodized Aluminium
Final Pressure Drop	600 Pa
Operating Temperature	80 °C
Filter Efficiency**	E10-U15
Gasket	Half Round Endless Polyurethane
Protection Grids	Powder Coated Metal on Both Sides
Separators	Hotmelt



47 mm Aluminium Profile View

Applications

- Air conditioning systems (Hospitals, Laboratories, Museums)
- Industrial processes (Pharmaceutical, Food, Microelectronics)

Advantages

- HFM product line fully meets the requirements for VDI 6022

Part Number	Filter Class EN 1822	Dimensions			Media Area (m^2)	Air Flow (m^3/h)	Pressure Drop (Pa)
		Width (mm)	Length (mm)	Depth (mm)			
E10							
HFM-305/305/47-10APD2G	E10	305	305	47	1.50	75	30
HFM-457/457/47-10APD2G	E10	457	457	47	3.40	165	30
HFM-457/610/47-10APD2G	E10	457	610	47	4.50	225	30
HFM-305/610/47-10APD2G	E10	305	610	47	3.00	150	30
HFM-610/610/47-10APD2G	E10	610	610	47	6.00	300	30
HFM-610/915/47-10APD2G	E10	610	915	47	9.00	450	30
HFM-610/1220/47-10APD2G	E10	610	1220	47	12.00	600	30
HFM-610/1524/47-10APD2G	E10	610	1525	47	15.00	750	30
HFM-610/1830/47-10APD2G	E10	610	1830	47	18.00	900	30
HFM-610/762/47-10APD2G	E10	610	762	47	7.50	375	30
HFM-762/762/47-10APD2G	E10	762	762	47	9.40	465	30
HFM-915/915/47-10APD2G	E10	915	915	47	13.50	675	30
HFM-915/1220/47-10APD2G	E10	915	1220	47	18.00	900	30
E11							
HFM-305/305/47-11APD2G	E11	305	305	47	1.50	75	60
HFM-457/457/47-11APD2G	E11	457	457	47	3.40	165	60

**** According to EN 1822

HFM SERIES ALUMINIUM PROFILE 47 mm

Part Number	Filter Class EN 1822	Dimensions			Media Area (m^2)	Air Flow (m^3/h)	Pressure Drop (Pa)
		Width (mm)	Length (mm)	Depth (mm)			
HFM-457/610/47-11APD2G	E11	457	610	47	4.50	225	60
HFM-305/610/47-11APD2G	E11	305	610	47	3.00	150	60
HFM-610/610/47-11APD2G	E11	610	610	47	6.00	300	60
HFM-610/915/47-11APD2G	E11	610	915	47	9.00	450	60
HFM-610/1220/47-11APD2G	E11	610	1220	47	12.00	600	60
HFM-610/1524/47-11APD2G	E11	610	1525	47	15.00	750	60
HFM-610/1830/47-11APD2G	E11	610	1830	47	18.00	900	60
HFM-610/762/47-11APD2G	E11	610	762	47	7.50	375	60
HFM-762/762/47-11APD2G	E11	762	762	47	9.40	465	60
HFM-915/915/47-11APD2G	E11	915	915	47	13.50	675	60
HFM-915/1220/47-11APD2G	E11	915	1220	47	18.00	900	60
E12							
HFM-305/305/47-12APD2G	E12	305	305	47	1.50	75	95
HFM-457/457/47-12APD2G	E12	457	457	47	3.40	165	95
HFM-457/610/47-12APD2G	E12	457	610	47	4.50	225	95
HFM-305/610/47-12APD2G	E12	305	610	47	3.00	150	95
HFM-610/610/47-12APD2G	E12	610	610	47	6.00	300	95
HFM-610/915/47-12APD2G	E12	610	915	47	9.00	450	95
HFM-610/1220/47-12APD2G	E12	610	1220	47	12.00	600	95
HFM-610/1524/47-12APD2G	E12	610	1525	47	15.00	750	95
HFM-610/1830/47-12APD2G	E12	610	1830	47	18.00	900	95
HFM-610/762/47-12APD2G	E12	610	762	47	7.50	375	95
HFM-762/762/47-12APD2G	E12	762	762	47	9.40	465	95
HFM-915/915/47-12APD2G	E12	915	915	47	13.50	675	95
HFM-915/1220/47-12APD2G	E12	915	1220	47	18.00	900	95
H13							
HFM-305/305/47-13APD2G	H13	305	305	47	1.50	75	120
HFM-457/457/47-13APD2G	H13	457	457	47	3.40	165	120
HFM-457/610/47-13APD2G	H13	457	610	47	4.50	225	120
HFM-305/610/47-13APD2G	H13	305	610	47	3.00	150	120
HFM-610/610/47-13APD2G	H13	610	610	47	6.00	300	120
HFM-610/915/47-13APD2G	H13	610	915	47	9.00	450	120
HFM-610/1220/47-13APD2G	H13	610	1220	47	12.00	600	120
HFM-610/1524/47-13APD2G	H13	610	1525	47	15.00	750	120
HFM-610/1830/47-13APD2G	H13	610	1830	47	18.00	900	120

**** According to EN 1822

HFM SERIES ALUMINIUM PROFILE 47 mm

Part Number	Filter Class EN 1822	Dimensions			Media Area (m^2)	Air Flow (m^3/h)	Pressure Drop (Pa)
		Width (mm)	Length (mm)	Depth (mm)			
HFM-610/762/47-13APD2G	H13	610	762	47	7.50	375	120
HFM-762/762/47-13APD2G	H13	762	762	47	9.40	465	120
HFM-915/915/47-13APD2G	H13	915	915	47	13.50	675	120
HFM-915/1220/47-13APD2G	H13	915	1220	47	18.00	900	120
H14							
HFM-305/305/47-14APD2G	H14	305	305	47	1.50	75	130
HFM-457/457/47-14APD2G	H14	457	457	47	3.40	165	130
HFM-457/610/47-14APD2G	H14	457	610	47	4.50	225	130
HFM-305/610/47-14APD2G	H14	305	610	47	3.00	150	130
HFM-610/610/47-14APD2G	H14	610	610	47	6.00	300	130
HFM-610/915/47-14APD2G	H14	610	915	47	9.00	450	130
HFM-610/1220/47-14APD2G	H14	610	1220	47	12.00	600	130
HFM-610/1524/47-14APD2G	H14	610	1524	47	15.00	750	130
HFM-610/1830/47-14APD2G	H14	610	1830	47	18.00	900	130
HFM-610/762/47-14APD2G	H14	610	762	47	7.50	375	130
HFM-762/762/47-14APD2G	H14	762	762	47	9.40	465	130
HFM-915/915/47-14APD2G	H14	915	915	47	13.50	675	130
HFM-915/1220/47-14APD2G	H14	915	1220	47	18.00	900	130
U15							
HFM-305/305/47-15APD2G	U15	305	305	47	1.50	75	190
HFM-457/457/47-15APD2G	U15	457	457	47	3.40	165	190
HFM-457/610/47-15APD2G	U15	457	610	47	4.50	225	190
HFM-305/610/47-15APD2G	U15	305	610	47	3.00	150	190
HFM-610/610/47-15APD2G	U15	610	610	47	6.00	300	190
HFM-610/915/47-15APD2G	U15	610	915	47	9.00	450	190
HFM-610/1220/47-15APD2G	U15	610	1220	47	12.00	600	190
HFM-610/1524/47-15APD2G	U15	610	1525	47	15.00	750	190
HFM-610/1830/47-15APD2G	U15	610	1830	47	18.00	900	190
HFM-610/762/47-15APD2G	U15	610	762	47	7.50	375	190
HFM-762/762/47-15APD2G	U15	762	762	47	9.40	465	190
HFM-915/915/47-15APD2G	U15	915	915	47	13.50	675	190
HFM-915/1220/47-15APD2G	U15	915	1220	47	18.00	900	190

**** According to EN 1822

HFR SERIES ALUMINIUM PROFILE 55 mm

Media	Microglass Fiber
Frame	Extruded Anodized Aluminium
Final Pressure Drop	600 Pa
Operating Temperature	80 °C
Filter Efficiency**	E10-U15
Gasket	Half Round Endless Polyurethane
Protection Grids	Powder Coated Metal on Both Sides
Separators	Hotmelt

55 mm Aluminium Profile View

Applications

- Air conditioning systems (Hospitals, Laboratories, Museums)
- Industrial processes (Pharmaceutical, Food, Microelectronics)

Advantages

- HFR product line fully meets the requirements for VDI 6022

Part Number	Filter Class EN 1822	Dimensions			Media Area (m^2)	Air Flow (m^3/h)	Pressure Drop (Pa)
		Width (mm)	Length (mm)	Depth (mm)			
E10							
HFR-305/305/55-10APD2G	E10	305	305	55	1.8	105	30
HFR-457/457/55-10APD2G	E10	457	457	55	4.1	235	30
HFR-457/610/55-10APD2G	E10	457	610	55	5.5	315	30
HFR-305/610/55-10APD2G	E10	305	610	55	3.6	210	30
HFR-610/610/55-10APD2G	E10	610	610	55	7.3	420	30
HFR-610/915/55-10APD2G	E10	610	915	55	10.9	630	30
HFR-610/1220/55-10APD2G	E10	610	1220	55	14.6	840	30
HFR-610/1524/55-10APD2G	E10	610	1525	55	18.2	1050	30
HFR-610/1830/55-10APD2G	E10	610	1830	55	21.8	1260	30
HFR-610/762/55-10APD2G	E10	610	762	55	9.1	525	30
HFR-762/762/55-10APD2G	E10	762	762	55	11.3	655	30
HFR-915/915/55-10APD2G	E10	915	915	55	16.4	945	30
HFR-915/1220/55-10APD2G	E10	915	1220	55	21.8	1260	30
E11							
HFR-305/305/55-11APD2G	E11	305	305	55	1.8	105	60
HFR-457/457/55-11APD2G	E11	457	457	55	4.1	235	60

**** According to EN 1822

HFR SERIES ALUMINIUM PROFILE 55 mm

Part Number	Filter Class EN 1822	Dimensions			Media Area (m^2)	Air Flow (m^3/h)	Pressure Drop (Pa)
		Width (mm)	Length (mm)	Depth (mm)			
HFR-457/610/55-11APD2G	E11	457	610	55	5.5	315	60
HFR-305/610/55-11APD2G	E11	305	610	55	3.6	210	60
HFR-610/610/55-11APD2G	E11	610	610	55	7.3	420	60
HFR-610/915/55-11APD2G	E11	610	915	55	10.9	630	60
HFR-610/1220/55-11APD2G	E11	610	1220	55	14.6	840	60
HFR-610/1524/55-11APD2G	E11	610	1525	55	18.2	1050	60
HFR-610/1830/55-11APD2G	E11	610	1830	55	21.8	1260	60
HFR-610/762/55-11APD2G	E11	610	762	55	9.1	525	60
HFR-762/762/55-11APD2G	E11	762	762	55	11.3	655	60
HFR-915/915/55-11APD2G	E11	915	915	55	16.4	945	60
HFR-915/1220/55-11APD2G	E11	915	1220	55	21.8	1260	60
E12							
HFR-305/305/55-12APD2G	E12	305	305	55	1.8	105	95
HFR-457/457/55-12APD2G	E12	457	457	55	4.1	235	95
HFR-457/610/55-12APD2G	E12	457	610	55	5.5	315	95
HFR-305/610/55-12APD2G	E12	305	610	55	3.6	210	95
HFR-610/610/55-12APD2G	E12	610	610	55	7.3	420	95
HFR-610/915/55-12APD2G	E12	610	915	55	10.9	630	95
HFR-610/1220/55-12APD2G	E12	610	1220	55	14.6	840	95
HFR-610/1524/55-12APD2G	E12	610	1525	55	18.2	1050	95
HFR-610/1830/55-12APD2G	E12	610	1830	55	21.8	1260	95
HFR-610/762/55-12APD2G	E12	610	762	55	9.1	525	95
HFR-762/762/55-12APD2G	E12	762	762	55	11.3	655	95
HFR-915/915/55-12APD2G	E12	915	915	55	16.4	945	95
HFR-915/1220/55-12APD2G	E12	915	1220	55	21.8	1260	95
H13							
HFR-305/305/55-13APD2G	H13	305	305	55	1.8	105	110
HFR-457/457/55-13APD2G	H13	457	457	55	4.1	235	110
HFR-457/610/55-13APD2G	H13	457	610	55	5.5	315	110
HFR-305/610/55-13APD2G	H13	305	610	55	3.6	210	110
HFR-610/610/55-13APD2G	H13	610	610	55	7.3	420	110
HFR-610/915/55-13APD2G	H13	610	915	55	10.9	630	110
HFR-610/1220/55-13APD2G	H13	610	1220	55	14.6	840	110
HFR-610/1524/55-13APD2G	H13	610	1525	55	18.2	1050	110
HFR-610/1830/55-13APD2G	H13	610	1830	55	21.8	1260	110

**** According to EN 1822

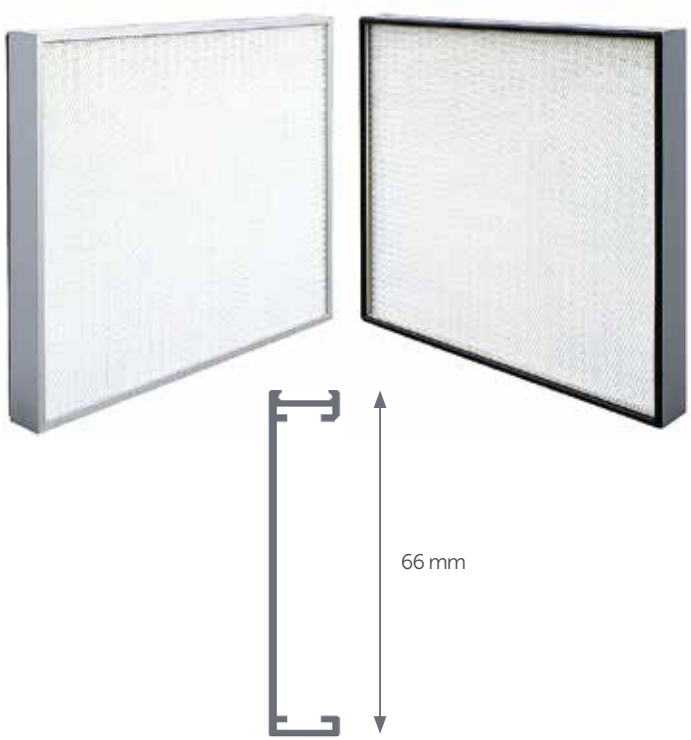
HFR SERIES ALUMINIUM PROFILE 55 mm

Part Number	Filter Class EN 1822	Dimensions			Media Area (m^2)	Air Flow (m^3/h)	Pressure Drop (Pa)
		Width (mm)	Length (mm)	Depth (mm)			
HFR-610/762/55-13APD2G	H13	610	762	55	9.1	525	110
HFR-762/762/55-13APD2G	H13	762	762	55	11.3	655	110
HFR-915/915/55-13APD2G	H13	915	915	55	16.4	945	110
HFR-915/1220/55-13APD2G	H13	915	1220	55	21.8	1260	110
H14							
HFR-305/305/55-14APD2G	H14	305	305	55	1.8	105	130
HFR-457/457/55-14APD2G	H14	457	457	55	4.1	235	130
HFR-457/610/55-14APD2G	H14	457	610	55	5.5	315	130
HFR-305/610/55-14APD2G	H14	305	610	55	3.6	210	130
HFR-610/610/55-14APD2G	H14	610	610	55	7.3	420	130
HFR-610/915/55-14APD2G	H14	610	915	55	10.9	630	130
HFR-610/1220/55-14APD2G	H14	610	1220	55	14.6	840	130
HFR-610/1524/55-14APD2G	H14	610	1524	55	18.2	1050	130
HFR-610/1830/55-14APD2G	H14	610	1830	55	21.8	1260	130
HFR-610/762/55-14APD2G	H14	610	762	55	9.1	525	130
HFR-762/762/55-14APD2G	H14	762	762	55	11.3	655	130
HFR-915/915/55-14APD2G	H14	915	915	55	16.4	945	130
HFR-915/1220/55-14APD2G	H14	915	1220	55	21.8	1260	130
U15							
HFR-305/305/55-15APD2G	U15	305	305	55	1.8	105	140
HFR-457/457/55-15APD2G	U15	457	457	55	4.1	235	140
HFR-457/610/55-15APD2G	U15	457	610	55	5.5	315	140
HFR-305/610/55-15APD2G	U15	305	610	55	3.6	210	140
HFR-610/610/55-15APD2G	U15	610	610	55	7.3	420	140
HFR-610/915/55-15APD2G	U15	610	915	55	10.9	630	140
HFR-610/1220/55-15APD2G	U15	610	1220	55	14.6	840	140
HFR-610/1524/55-15APD2G	U15	610	1525	55	18.2	1050	140
HFR-610/1830/55-15APD2G	U15	610	1830	55	21.8	1260	140
HFR-610/762/55-15APD2G	U15	610	762	55	9.1	525	140
HFR-762/762/55-15APD2G	U15	762	762	55	11.3	655	140
HFR-915/915/55-15APD2G	U15	915	915	55	16.4	945	140
HFR-915/1220/55-15APD2G	U15	915	1220	55	21.8	1260	140

**** According to EN 1822

HFN SERIES ALUMINIUM PROFILE 66 mm

Media	Microglass Fiber
Frame	Extruded Anodized Aluminium
Final Pressure Drop	600 Pa
Operating Temperature	80 °C
Filter Efficiency**	E10-U15
Gasket	Half Round Endless Polyurethane
Protection Grids	Powder Coated Metal on Both Sides
Separators	Hotmelt



66 mm Aluminium Profile View

Applications

- Air conditioning systems (Hospitals, Laboratories, Museums)
- Industrial processes (Pharmaceutical, Food, Microelectronics)

Advantages

- HFN product line fully meets the requirements for VDI 6022

Part Number	Filter Class EN 1822	Dimensions			Media Area (m^2)	Air Flow (m^3/h)	Pressure Drop (Pa)
		Width (mm)	Length (mm)	Depth (mm)			
E10							
HFN-305/305/66-10APD2G	E10	305	305	66	2.6	150	50
HFN-457/457/66-10APD2G	E10	457	457	66	5.8	335	50
HFN-457/610/66-10APD2G	E10	457	610	66	7.8	450	50
HFN-305/610/66-10APD2G	E10	305	610	66	5.2	300	50
HFN-610/610/66-10APD2G	E10	610	610	66	10.4	600	50
HFN-610/915/66-10APD2G	E10	610	915	66	15.6	900	50
HFN-610/1220/66-10APD2G	E10	610	1220	66	20.8	1200	50
HFN-610/1524/66-10APD2G	E10	610	1525	66	26.0	1500	50
HFN-610/1830/66-10APD2G	E10	610	1830	66	31.2	1800	50
HFN-610/762/66-10APD2G	E10	610	762	66	13.0	750	50
HFN-762/762/66-10APD2G	E10	762	762	66	16.2	935	50
HFN-915/915/66-10APD2G	E10	915	915	66	23.4	1350	50
HFN-915/1220/66-10APD2G	E10	915	1220	66	31.2	1800	50
E11							
HFN-305/305/66-11APD2G	E11	305	305	66	2.6	150	70
HFN-457/457/66-11APD2G	E11	457	457	66	5.8	335	70

**** According to EN 1822

HFN SERIES ALUMINIUM PROFILE 66 mm

Part Number	Filter Class EN 1822	Dimensions			Media Area (m^2)	Air Flow (m^3/h)	Pressure Drop (Pa)
		Width (mm)	Length (mm)	Depth (mm)			
HFN-457/610/66-11APD2G	E11	457	610	66	7.8	450	70
HFN-305/610/66-11APD2G	E11	305	610	66	5.2	300	70
HFN-610/610/66-11APD2G	E11	610	610	66	10.4	600	70
HFN-610/915/66-11APD2G	E11	610	915	66	15.6	900	70
HFN-610/1220/66-11APD2G	E11	610	1220	66	20.8	1200	70
HFN-610/1524/66-11APD2G	E11	610	1525	66	26.0	1500	70
HFN-610/1830/66-11APD2G	E11	610	1830	66	31.2	1800	70
HFN-610/762/66-11APD2G	E11	610	762	66	13.0	750	70
HFN-762/762/66-11APD2G	E11	762	762	66	16.2	935	70
HFN-915/915/66-11APD2G	E11	915	915	66	23.4	1350	70
HFN-915/1220/66-11APD2G	E11	915	1220	66	31.2	1800	70
E12							
HFN-305/305/66-12APD2G	E12	305	305	66	2.6	150	95
HFN-457/457/66-12APD2G	E12	457	457	66	5.8	335	95
HFN-457/610/66-12APD2G	E12	457	610	66	7.8	450	95
HFN-305/610/66-12APD2G	E12	305	610	66	5.2	300	95
HFN-610/610/66-12APD2G	E12	610	610	66	10.4	600	95
HFN-610/915/66-12APD2G	E12	610	915	66	15.6	900	95
HFN-610/1220/66-12APD2G	E12	610	1220	66	20.8	1200	95
HFN-610/1524/66-12APD2G	E12	610	1525	66	26.0	1500	95
HFN-610/1830/66-12APD2G	E12	610	1830	66	31.2	1800	95
HFN-610/762/66-12APD2G	E12	610	762	66	13.0	750	95
HFN-762/762/66-12APD2G	E12	762	762	66	16.2	935	95
HFN-915/915/66-12APD2G	E12	915	915	66	23.4	1350	95
HFN-915/1220/66-12APD2G	E12	915	1220	66	31.2	1800	95
H13							
HFN-305/305/66-13APD2G	H13	305	305	66	2.6	150	110
HFN-457/457/66-13APD2G	H13	457	457	66	5.8	335	110
HFN-457/610/66-13APD2G	H13	457	610	66	7.8	450	110
HFN-305/610/66-13APD2G	H13	305	610	66	5.2	300	110
HFN-610/610/66-13APD2G	H13	610	610	66	10.4	600	110
HFN-610/915/66-13APD2G	H13	610	915	66	15.6	900	110
HFN-610/1220/66-13APD2G	H13	610	1220	66	20.8	1200	110
HFN-610/1524/66-13APD2G	H13	610	1525	66	26.0	1500	110
HFN-610/1830/66-13APD2G	H13	610	1830	66	31.2	1800	110

**** According to EN 1822

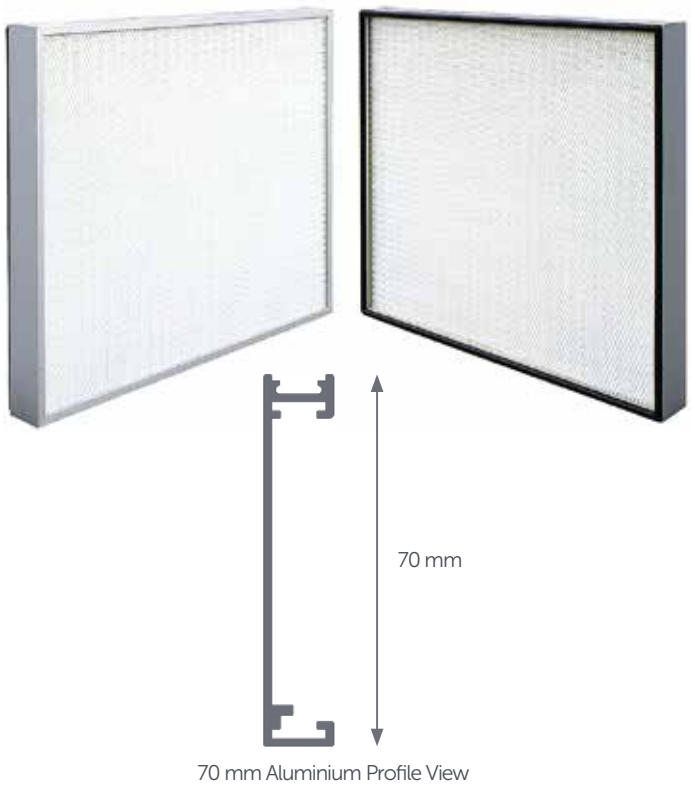
HFN SERIES ALUMINIUM PROFILE 66 mm

Part Number	Filter Class EN 1822	Dimensions			Media Area (m^2)	Air Flow (m^3/h)	Pressure Drop (Pa)
		Width (mm)	Length (mm)	Depth (mm)			
HFN-610/762/66-13APD2G	H13	610	762	66	13.0	750	110
HFN-762/762/66-13APD2G	H13	762	762	66	16.2	935	110
HFN-915/915/66-13APD2G	H13	915	915	66	23.4	1350	110
HFN-915/1220/66-13APD2G	H13	915	1220	66	31.2	1800	110
H14							
HFN-305/305/66-14APD2G	H14	305	305	66	2.6	150	120
HFN-457/457/66-14APD2G	H14	457	457	66	5.8	335	120
HFN-457/610/66-14APD2G	H14	457	610	66	7.8	450	120
HFN-305/610/66-14APD2G	H14	305	610	66	5.2	300	120
HFN-610/610/66-14APD2G	H14	610	610	66	10.4	600	120
HFN-610/915/66-14APD2G	H14	610	915	66	15.6	900	120
HFN-610/1220/66-14APD2G	H14	610	1220	66	20.8	1200	120
HFN-610/1524/66-14APD2G	H14	610	1524	66	26.0	1500	120
HFN-610/1830/66-14APD2G	H14	610	1830	66	31.2	1800	120
HFN-610/762/66-14APD2G	H14	610	762	66	13.0	750	120
HFN-762/762/66-14APD2G	H14	762	762	66	16.2	935	120
HFN-915/915/66-14APD2G	H14	915	915	66	23.4	1350	120
HFN-915/1220/66-14APD2G	H14	915	1220	66	31.2	1800	120
U15							
HFN-305/305/66-15APD2G	U15	305	305	66	2.6	150	140
HFN-457/457/66-15APD2G	U15	457	457	66	5.8	335	140
HFN-457/610/66-15APD2G	U15	457	610	66	7.8	450	140
HFN-305/610/66-15APD2G	U15	305	610	66	5.2	300	140
HFN-610/610/66-15APD2G	U15	610	610	66	10.4	600	140
HFN-610/915/66-15APD2G	U15	610	915	66	15.6	900	140
HFN-610/1220/66-15APD2G	U15	610	1220	66	20.8	1200	140
HFN-610/1524/66-15APD2G	U15	610	1525	66	26.0	1500	140
HFN-610/1830/66-15APD2G	U15	610	1830	66	31.2	1800	140
HFN-610/762/66-15APD2G	U15	610	762	66	13.0	750	140
HFN-762/762/66-15APD2G	U15	762	762	66	16.2	935	140
HFN-915/915/66-15APD2G	U15	915	915	66	23.4	1350	140
HFN-915/1220/66-15APD2G	U15	915	1220	66	31.2	1800	140

**** According to EN 1822

HFN SERIES ALUMINIUM PROFILE 70 mm

Media	Microglass Fiber
Frame	Extruded Anodized Aluminium
Final Pressure Drop	600 Pa
Operating Temperature	80 °C
Filter Efficiency**	E10-U15
Gasket	Half Round Endless Polyurethane
Protection Grids	Powder Coated Metal on Both Sides
Separators	Hotmelt



70 mm Aluminium Profile View

Applications

- Air conditioning systems (Hospitals, Laboratories, Museums)
- Industrial processes (Pharmaceutical, Food, Microelectronics)

Advantages

- HFN product line fully meets the requirements for VDI 6022

Part Number	Filter Class EN 1822	Dimensions			Media Area (m^2)	Air Flow (m^3/h)	Pressure Drop (Pa)
		Width (mm)	Length (mm)	Depth (mm)			
E10							
HFN-305/305/70-10APD2G	E10	305	305	70	2.6	150	50
HFN-457/457/70-10APD2G	E10	457	457	70	5.8	335	50
HFN-457/610/70-10APD2G	E10	457	610	70	7.8	450	50
HFN-305/610/70-10APD2G	E10	305	610	70	5.2	300	50
HFN-610/610/70-10APD2G	E10	610	610	70	10.4	600	50
HFN-610/915/70-10APD2G	E10	610	915	70	15.6	900	50
HFN-610/1220/70-10APD2G	E10	610	1220	70	20.8	1200	50
HFN-610/1524/70-10APD2G	E10	610	1524	70	26.0	1500	50
HFN-610/1830/70-10APD2G	E10	610	1830	70	31.2	1800	50
HFN-610/762/70-10APD2G	E10	610	762	70	13.0	750	50
HFN-762/762/70-10APD2G	E10	762	762	70	16.2	935	50
HFN-915/915/70-10APD2G	E10	915	915	70	23.4	1350	50
HFN-915/1220/70-10APD2G	E10	915	1220	70	31.2	1800	50
E11							
HFN-305/305/70-11APD2G	E11	305	305	70	2.6	150	70
HFN-457/457/70-11APD2G	E11	457	457	70	5.8	335	70

**** According to EN 1822

HFN SERIES ALUMINIUM PROFILE 70 mm

Part Number	Filter Class EN 1822	Dimensions			Media Area (m^2)	Air Flow (m^3/h)	Pressure Drop (Pa)
		Width (mm)	Length (mm)	Depth (mm)			
HFN-457/610/70-11APD2G	E11	457	610	70	7.8	450	70
HFN-305/610/70-11APD2G	E11	305	610	70	5.2	300	70
HFN-610/610/70-11APD2G	E11	610	610	70	10.4	600	70
HFN-610/915/70-11APD2G	E11	610	915	70	15.6	900	70
HFN-610/1220/70-11APD2G	E11	610	1220	70	20.8	1200	70
HFN-610/1524/70-11APD2G	E11	610	1524	70	26.0	1500	70
HFN-610/1830/70-11APD2G	E11	610	1830	70	31.2	1800	70
HFN-610/762/70-11APD2G	E11	610	762	70	13.0	750	70
HFN-762/762/70-11APD2G	E11	762	762	70	16.2	935	70
HFN-915/915/70-11APD2G	E11	915	915	70	23.4	1350	70
HFN-915/1220/70-11APD2G	E11	915	1220	70	31.2	1800	70
E12							
HFN-305/305/70-12APD2G	E12	305	305	70	2.6	150	95
HFN-457/457/70-12APD2G	E12	457	457	70	5.8	335	95
HFN-457/610/70-12APD2G	E12	457	610	70	7.8	450	95
HFN-305/610/70-12APD2G	E12	305	610	70	5.2	300	95
HFN-610/610/70-12APD2G	E12	610	610	70	10.4	600	95
HFN-610/915/70-12APD2G	E12	610	915	70	15.6	900	95
HFN-610/1220/70-12APD2G	E12	610	1220	70	20.8	1200	95
HFN-610/1524/70-12APD2G	E12	610	1524	70	26.0	1500	95
HFN-610/1830/70-12APD2G	E12	610	1830	70	31.2	1800	95
HFN-610/762/70-12APD2G	E12	610	762	70	13.0	750	95
HFN-762/762/70-12APD2G	E12	762	762	70	16.2	935	95
HFN-915/915/70-12APD2G	E12	915	915	70	23.4	1350	95
HFN-915/1220/70-12APD2G	E12	915	1220	70	31.2	1800	95
H13							
HFN-305/305/70-13APD2G	H13	305	305	70	2.6	150	110
HFN-457/457/70-13APD2G	H13	457	457	70	5.8	335	110
HFN-457/610/70-13APD2G	H13	457	610	70	7.8	450	110
HFN-305/610/70-13APD2G	H13	305	610	70	5.2	300	110
HFN-610/610/70-13APD2G	H13	610	610	70	10.4	600	110
HFN-610/915/70-13APD2G	H13	610	915	70	15.6	900	110
HFN-610/1220/70-13APD2G	H13	610	1220	70	20.8	1200	110
HFN-610/1524/70-13APD2G	H13	610	1524	70	26.0	1500	110
HFN-610/1830/70-13APD2G	H13	610	1830	70	31.2	1800	110

**** According to EN 1822

HFN SERIES ALUMINIUM PROFILE 70 mm

Part Number	Filter Class EN 1822	Dimensions			Media Area (m^2)	Air Flow (m^3/h)	Pressure Drop (Pa)
		Width (mm)	Length (mm)	Depth (mm)			
HFN-610/762/70-13APD2G	H13	610	762	70	13.0	750	110
HFN-762/762/70-13APD2G	H13	762	762	70	16.2	935	110
HFN-915/915/70-13APD2G	H13	915	915	70	23.4	1350	110
HFN-915/1220/70-13APD2G	H13	915	1220	70	31.2	1800	110
H14							
HFN-305/305/70-14APD2G	H14	305	305	70	2.6	150	120
HFN-457/457/70-14APD2G	H14	457	457	70	5.8	335	120
HFN-457/610/70-14APD2G	H14	457	610	70	7.8	450	120
HFN-305/610/70-14APD2G	H14	305	610	70	5.2	300	120
HFN-610/610/70-14APD2G	H14	610	610	70	10.4	600	120
HFN-610/915/70-14APD2G	H14	610	915	70	15.6	900	120
HFN-610/1220/70-14APD2G	H14	610	1220	70	20.8	1200	120
HFN-610/1524/70-14APD2G	H14	610	1524	70	26.0	1500	120
HFN-610/1830/70-14APD2G	H14	610	1830	70	31.2	1800	120
HFN-610/762/70-14APD2G	H14	610	762	70	13.0	750	120
HFN-762/762/70-14APD2G	H14	762	762	70	16.2	935	120
HFN-915/915/70-14APD2G	H14	915	915	70	23.4	1350	120
HFN-915/1220/70-14APD2G	H14	915	1220	70	31.2	1800	120
U15							
HFN-305/305/70-15APD2G	U15	305	305	70	2.6	150	140
HFN-457/457/70-15APD2G	U15	457	457	70	5.8	335	140
HFN-457/610/70-15APD2G	U15	457	610	70	7.8	450	140
HFN-305/610/70-15APD2G	U15	305	610	70	5.2	300	140
HFN-610/610/70-15APD2G	U15	610	610	70	10.4	600	140
HFN-610/915/70-15APD2G	U15	610	915	70	15.6	900	140
HFN-610/1220/70-15APD2G	U15	610	1220	70	20.8	1200	140
HFN-610/1524/70-15APD2G	U15	610	1524	70	26.0	1500	140
HFN-610/1830/70-15APD2G	U15	610	1830	70	31.2	1800	140
HFN-305/762/70-15APD2G	U15	305	762	70	6.5	375	140
HFN-610/762/70-15APD2G	U15	610	762	70	13.0	750	140
HFN-762/762/70-15APD2G	U15	762	762	70	16.2	935	140
HFN-915/915/70-15APD2G	U15	915	915	70	23.4	1350	140
HFN-915/1220/70-15APD2G	U15	915	1220	70	31.2	1800	140

**** According to EN 1822

HFN SERIES ALUMINIUM PROFILE 78 mm

Media	Microglass Fiber
Frame	Extruded Anodized Aluminium
Final Pressure Drop	600 Pa
Operating Temperature	80 °C
Filter Efficiency**	E10-U15
Gasket	Flat Neoprene
Protection Grids	Powder Coated Metal on Both Sides
Separators	Hotmelt

78 mm Aluminium Profile View

Applications

- Air conditioning systems (Hospitals, Laboratories, Museums)
- Industrial processes (Pharmaceutical, Food, Microelectronics)

Advantages

- HFN product line fully meets the requirements for VDI 6022

Part Number	Filter Class EN 1822	Dimensions			Media Area (m^2)	Air Flow (m^3/h)	Pressure Drop (Pa)
		Width (mm)	Length (mm)	Depth (mm)			
E10							
HFN-305/305/78-10APBD2G	E10	305	305	78	2.6	150	50
HFN-457/457/78-10APBD2G	E10	457	457	78	5.8	335	50
HFN-457/610/78-10APBD2G	E10	457	610	78	7.8	450	50
HFN-305/610/78-10APBD2G	E10	305	610	78	5.2	300	50
HFN-610/610/78-10APBD2G	E10	610	610	78	10.4	600	50
HFN-610/915/78-10APBD2G	E10	610	915	78	15.6	900	50
HFN-610/1220/78-10APBD2G	E10	610	1220	78	20.8	1200	50
HFN-610/1524/78-10APBD2G	E10	610	1524	78	26.0	1500	50
HFN-610/1830/78-10APBD2G	E10	610	1830	78	31.2	1800	50
HFN-610/762/78-10APBD2G	E10	610	762	78	13.0	750	50
HFN-762/762/78-10APBD2G	E10	762	762	78	16.2	935	50
HFN-915/915/78-10APBD2G	E10	915	915	78	23.4	1350	50
HFN-915/1220/78-10APBD2G	E10	915	1220	78	31.2	1800	50
E11							
HFN-305/305/78-11APBD2G	E11	305	305	78	2.6	150	70
HFN-457/457/78-11APBD2G	E11	457	457	78	5.8	335	70

**** According to EN 1822

HFN SERIES ALUMINIUM PROFILE 78 mm

Part Number	Filter Class EN 1822	Dimensions			Media Area (m^2)	Air Flow (m^3/h)	Pressure Drop (Pa)
		Width (mm)	Length (mm)	Depth (mm)			
HFN-457/610/78-11APBD2G	E11	457	610	78	7.8	450	70
HFN-305/610/78-11APBD2G	E11	305	610	78	5.2	300	70
HFN-610/610/78-11APBD2G	E11	610	610	78	10.4	600	70
HFN-610/915/78-11APBD2G	E11	610	915	78	15.6	900	70
HFN-610/1220/78-11APBD2G	E11	610	1220	78	20.8	1200	70
HFN-610/1524/78-11APBD2G	E11	610	1524	78	26.0	1500	70
HFN-610/1830/78-11APBD2G	E11	610	1830	78	31.2	1800	70
HFN-610/762/78-11APBD2G	E11	610	762	78	13.0	750	70
HFN-762/762/78-11APBD2G	E11	762	762	78	16.2	935	70
HFN-915/915/78-11APBD2G	E11	915	915	78	23.4	1350	70
HFN-915/1220/78-11APBD2G	E11	915	1220	78	31.2	1800	70
E12							
HFN-305/305/78-12APBD2G	E12	305	305	78	2.6	150	70
HFN-457/457/78-12APBD2G	E12	457	457	78	5.8	335	70
HFN-457/610/78-12APBD2G	E12	457	610	78	7.8	450	70
HFN-305/610/78-12APBD2G	E12	305	610	78	5.2	300	70
HFN-610/610/78-12APBD2G	E12	610	610	78	10.4	600	70
HFN-610/915/78-12APBD2G	E12	610	915	78	15.6	900	70
HFN-610/1220/78-12APBD2G	E12	610	1220	78	20.8	1200	70
HFN-610/1524/78-12APBD2G	E12	610	1524	78	26.0	1500	95
HFN-610/1830/78-12APBD2G	E12	610	1830	78	31.2	1800	95
HFN-610/762/78-12APBD2G	E12	610	762	78	13.0	750	95
HFN-762/762/78-12APBD2G	E12	762	762	78	16.2	935	95
HFN-915/915/78-12APBD2G	E12	915	915	78	23.4	1350	95
HFN-915/1220/78-12APBD2G	E12	915	1220	78	31.2	1800	95
H13							
HFN-305/305/78-13APBD2G	H13	305	305	78	2.6	150	110
HFN-457/457/78-13APBD2G	H13	457	457	78	5.8	335	110
HFN-457/610/78-13APBD2G	H13	457	610	78	7.8	450	110
HFN-305/610/78-13APBD2G	H13	305	610	78	5.2	300	110
HFN-610/610/78-13APBD2G	H13	610	610	78	10.4	600	110
HFN-610/915/78-13APBD2G	H13	610	915	78	15.6	900	110
HFN-610/1220/78-13APBD2G	H13	610	1220	78	20.8	1200	110
HFN-610/1524/78-13APBD2G	H13	610	1524	78	26.0	1500	110
HFN-610/1830/78-13APBD2G	H13	610	1830	78	31.2	1800	110

**** According to EN 1822

HFN SERIES ALUMINIUM PROFILE 78 mm

Part Number	Filter Class EN 1822	Dimensions			Media Area (m^2)	Air Flow (m^3/h)	Pressure Drop (Pa)
		Width (mm)	Length (mm)	Depth (mm)			
HFN-610/762/78-13APBD2G	H13	610	762	78	13.0	750	110
HFN-762/762/78-13APBD2G	H13	762	762	78	16.2	935	110
HFN-915/915/78-13APBD2G	H13	915	915	78	23.4	1350	110
HFN-915/1220/78-13APBD2G	H13	915	1220	78	31.2	1800	110
▸H14							
HFN-305/305/78-14APBD2G	H14	305	305	78	2.6	150	120
HFN-457/457/78-14APBD2G	H14	457	457	78	5.8	335	120
HFN-457/610/78-14APBD2G	H14	457	610	78	7.	450	120
HFN-305/610/78-14APBD2G	H14	305	610	78	5.2	300	120
HFN-610/610/78-14APBD2G	H14	610	610	78	10.4	600	120
HFN-610/915/78-14APBD2G	H14	610	915	78	15.6	900	120
HFN-610/1220/78-14APBD2G	H14	610	1220	78	20.8	1200	120
HFN-610/1524/78-14APBD2G	H14	610	1524	78	26.0	1500	120
HFN-610/1830/78-14APBD2G	H14	610	1830	78	31.2	1800	120
HFN-610/762/7814APBD2G	H14	610	762	78	13.0	750	120
HFN-762/762/78-14APBD2G	H14	762	762	78	16.2	935	120
HFN-915/915/78-14APBD2G	H14	915	915	78	23.4	1350	120
HFN-915/1220/78-14APBD2G	H14	915	1220	78	31.2	1800	120
▸U15							
HFN-305/305/78-15APBD2G	U15	305	305	78	2.6	150	140
HFN-457/457/78-15APBD2G	U15	457	457	78	5.8	335	140
HFN-457/610/78-15APBD2G	U15	457	610	78	7.8	450	140
HFN-305/610/78-15APBD2G	U15	305	610	78	5.2	300	140
HFN-610/610/78-15APBD2G	U15	610	610	78	10.4	600	140
HFN-610/915/78-15APBD2G	U15	610	915	78	15.6	900	140
HFN-610/1220/78-15APBD2G	U15	610	1220	78	20.8	1200	140
HFN-610/1524/78-15APBD2G	U15	610	1524	78	26.0	1500	140
HFN-610/1830/78-15APBD2G	U15	610	1830	78	31.2	1800	140
HFN-610/762/78-15APBD2G	U15	610	762	78	13.0	750	140
HFN-762/762/78-15APBD2G	U15	762	762	78	16.2	935	140
HFN-915/915/78-15APBD2G	U15	915	915	78	23.4	1350	140
HFN-915/1220/78-15APBD2G	U15	915	1220	78	31.2	1800	140

**** According to EN 1822

HFN SERIES MDF 78 mm

Media	Microglass Fiber
Frame	MDF
Final Pressure Drop	600 Pa
Operating Temperature	80 °C
Filter Efficiency**	E10-H14
Gasket	Flat Neoprene or Half Round Endless Polyurethane
Protection Grids	Optional
Separators	Hotmelt

Applications

- Air conditioning systems (Hospitals, Laboratories, Museums)
- Industrial processes (Pharmaceutical, Food, Microelectronics)

Part Number	Filter Class EN 1822	Dimensions			Media Area (m^2)	Air Flow (m^3/h)	Pressure Drop (Pa)
		Width (mm)	Length (mm)	Depth (mm)			
E10							
HFN-305/305/78-10PD	E10	305	305	78	2.6	700	250
HFN-457/457/78-10PD	E10	457	457	78	5.8	1570	250
HFN-457/610/78-10PD	E10	457	610	78	7.8	2100	250
HFN-305/610/78-10PD	E10	305	610	78	5.2	1400	250
HFN-610/610/78-10PD	E10	610	610	78	10.4	2800	250
HFN-610/915/78-10PD	E10	610	915	78	15.6	4200	250
HFN-610/1220/78-10PD	E10	610	1220	78	20.8	5600	250
HFN-610/1524/78-10PD	E10	610	1524	78	26.0	7000	250
HFN-610/1830/78-10PD	E10	610	1830	78	31.2	8400	250
HFN-610/762/78-10PD	E10	610	762	78	13.0	3500	250
HFN-762/762/78-10PD	E10	762	762	78	16.2	4370	250
HFN-915/915/78-10PD	E10	915	915	78	23.4	6300	250
HFN-915/1220/78-10PD	E10	915	1220	78	31.2	8400	250
E11							
HFN-305/305/78-11PD	E11	305	305	78	2.6	600	250
HFN-457/457/78-11PD	E11	457	457	78	5.8	1350	250

**** According to EN 1822

HFN SERIES MDF 78 mm

Part Number	Filter Class EN 1822	Dimensions			Media Area (m^2)	Air Flow (m^3/h)	Pressure Drop (Pa)
		Width (mm)	Length (mm)	Depth (mm)			
HFN-457/610/78-11PD	E11	457	610	78	7.8	1800	250
HFN-305/610/78-11PD	E11	305	610	78	5.2	1200	250
HFN-610/610/78-11PD	E11	610	610	78	10.4	2400	250
HFN-610/915/78-11PD	E11	610	915	78	15.6	3600	250
HFN-610/1220/78-11PD	E11	610	1220	78	20.8	4800	250
HFN-610/1524/78-11PD	E11	610	1524	78	26.0	6000	250
HFN-610/1830/78-11PD	E11	610	1830	78	31.2	7200	250
HFN-610/762/78-11PD	E11	610	762	78	13.0	3000	250
HFN-762/762/78-11PD	E11	762	762	78	16.2	3750	250
HFN-915/915/78-11PD	E11	915	915	78	23.4	5400	250
HFN-915/1220/78-11PD	E11	915	1220	78	31.2	7200	250
E12							
HFN-305/305/78-12PD	E12	305	305	78	2.6	375	250
HFN-457/457/78-12PD	E12	457	457	78	5.8	840	250
HFN-457/610/78-12PD	E12	457	610	78	7.8	1120	250
HFN-305/610/78-12PD	E12	305	610	78	5.2	750	250
HFN-610/610/78-12PD	E12	610	610	78	10.4	1500	250
HFN-610/915/78-12PD	E12	610	915	78	15.6	2250	250
HFN-610/1220/78-12PD	E12	610	1220	78	20.8	3000	250
HFN-610/1524/78-12PD	E12	610	1524	78	26.0	3750	250
HFN-610/1830/78-12PD	E12	610	1830	78	31.2	4500	250
HFN-610/762/78-12PD	E12	610	762	78	13.0	1870	250
HFN-762/762/78-12PD	E12	762	762	78	16.2	2340	250
HFN-915/915/78-12PD	E12	915	915	78	23.4	3375	250
HFN-915/1220/78-12PD	E12	915	1220	78	31.2	4500	250
H13							
HFN-305/305/78-13PD	H13	305	305	78	2.6	310	250
HFN-457/457/78-13PD	H13	457	457	78	5.8	700	250
HFN-457/610/78-13PD	H13	457	610	78	7.8	930	250
HFN-305/610/78-13PD	H13	305	610	78	5.2	625	250
HFN-610/610/78-13PD	H13	610	610	78	10.4	1250	250
HFN-610/915/78-13PD	H13	610	915	78	15.6	1850	250
HFN-610/1220/78-13PD	H13	610	1220	78	20.8	2500	250
HFN-610/1524/78-13PD	H13	610	1524	78	26.0	3100	250
HFN-610/1830/78-13PD	H13	610	1830	7	31.2	3750	250

**** According to EN 1822

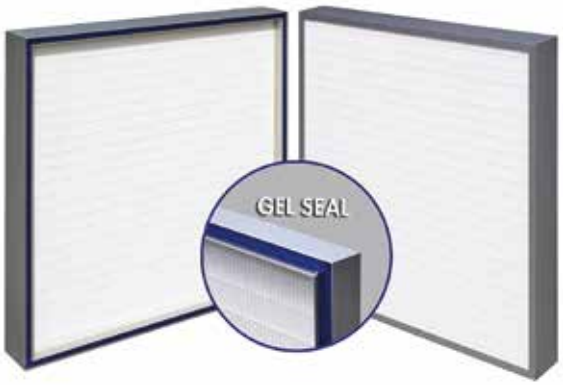
HFN SERIES MDF 78 mm

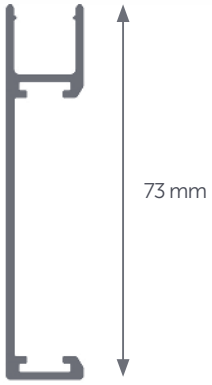
Part Number	Filter Class EN 1822	Dimensions			Media Area (m^2)	Air Flow (m^3/h)	Pressure Drop (Pa)
		Width (mm)	Length (mm)	Depth (mm)			
HFN-610/762/78-13PD	H13	610	762	78	13.0	1550	250
HFN-762/762/78-13PD	H13	762	762	78	16.2	1950	250
HFN-915/915/78-13PD	H13	915	915	78	23.4	2800	250
HFN-915/1220/78-13PD	H13	915	1220	78	31.2	3750	250
H14							
HFN-305/305/78-14PD	H14	305	305	78	2.6	275	250
HFN-457/457/78-14PD	H14	457	457	78	5.8	610	250
HFN-457/610/78-14PD	H14	457	610	78	7.8	820	250
HFN-305/610/78-14PD	H14	305	610	78	5.2	550	250
HFN-610/610/78-14PD	H14	610	610	78	10.4	1100	250
HFN-610/915/78-14PD	H14	610	915	78	15.6	1650	250
HFN-610/1220/78-14PD	H14	610	1220	78	20.8	2200	250
HFN-610/1524/78-14PD	H14	610	1524	78	26.0	2750	250
HFN-610/1830/78-14PD	H14	610	1830	78	31.2	3300	250
HFN-610/762/78-14PD	H14	610	762	78	13.0	1370	250
HFN-762/762/78-14PD	H14	762	762	78	16.2	1700	250
HFN-915/915/78-14PD	H14	915	915	78	23.4	2470	250
HFN-915/1220/78-14PD	H14	915	1220	78	31.2	3300	250

**** According to EN 1822

HFN SERIES GEL SEAL 73 mm

Media	Microglass Fiber
Frame	Extruded Anodized Aluminium
Final Pressure Drop	600 Pa
Operating Temperature	80 °C
Filter Efficiency**	E10-U15
Gasket	Gel
Protection Grids	Powder Coated Metal on Both Sides
Separators	Hotmelt





73 mm Aluminium Profile View

Applications

- Air conditioning systems (Hospitals, Laboratories, Museums)
- Industrial processes (Pharmaceutical, Food, Microelectronics)

Advantages

- HFN product line fully meets the requirements for VDI 6022

Part Number	Filter Class EN 1822	Dimensions			Media Area (m^2)	Air Flow (m^3/h)	Pressure Drop (Pa)
		Width (mm)	Length (mm)	Depth (mm)			
E10							
HFN-305/305/73-10APJ2G	E10	305	305	73	2.6	150	50
HFN-457/457/73-10APJ2G	E10	457	457	73	5.8	335	50
HFN-457/610/73-10APJ2G	E10	457	610	73	7.8	450	50
HFN-305/610/73-10APJ2G	E10	305	610	73	5.2	300	50
HFN-610/610/73-10APJ2G	E10	610	610	73	10.4	600	50
HFN-610/915/73-10APJ2G	E10	610	915	73	15.6	900	50
HFN-610/1220/73-10APJ2G	E10	610	1220	73	20.8	1200	50
HFN-610/1524/73-10APJ2G	E10	610	1524	73	26.0	1500	50
HFN-610/1830/73-10APJ2G	E10	610	1830	73	31.2	1800	50
HFN-610/762/73-10APJ2G	E10	610	762	73	13.0	750	50
HFN-762/762/73-10APJ2G	E10	762	762	73	16.2	935	50
HFN-915/915/73-10APJ2G	E10	915	915	73	23.4	1350	50
HFN-915/1220/73-10APJ2G	E10	915	1220	73	31.2	1800	50
E11							
HFN-305/305/73-11APJ2G	E11	305	305	73	2.6	150	70
HFN-457/457/73-11APJ2G	E11	457	457	73	5.8	335	70

**** According to EN 1822

HFN SERIES GEL SEAL 73 mm

Part Number	Filter Class EN 1822	Dimensions			Media Area (m^2)	Air Flow (m^3/h)	Pressure Drop (Pa)
		Width (mm)	Length (mm)	Depth (mm)			
HFN-457/610/73-11APJ2G	E11	457	610	73	7.8	450	70
HFN-305/610/73-11APJ2G	E11	305	610	73	5.2	300	70
HFN-610/610/73-11APJ2G	E11	610	610	73	10.4	600	70
HFN-610/915/73-11APJ2G	E11	610	915	73	15.6	900	70
HFN-610/1220/73-11APJ2G	E11	610	1220	73	20.8	1200	70
HFN-610/1524/73-11APJ2G	E11	610	1524	73	26.0	1500	70
HFN-610/1830/73-11APJ2G	E11	610	1830	73	31.2	1800	70
HFN-610/762/73-11APJ2G	E11	610	762	73	13.0	750	70
HFN-762/762/73-11APJ2G	E11	762	762	73	16.2	935	70
HFN-915/915/73-11APJ2G	E11	915	915	73	23.4	1350	70
HFN-915/1220/73-11APJ2G	E11	915	1220	73	31.2	1800	70
E12							
HFN-305/305/73-12APJ2G	E12	305	305	73	2.6	150	95
HFN-457/457/73-12APJ2G	E12	457	457	73	5.8	335	95
HFN-457/610/73-12APJ2G	E12	457	610	73	7.8	450	95
HFN-305/610/73-12APJ2G	E12	305	610	73	5.2	300	95
HFN-610/610/73-12APJ2G	E12	610	610	73	10.4	600	95
HFN-610/915/73-12APJ2G	E12	610	915	73	15.6	900	95
HFN-610/1220/73-12APJ2G	E12	610	1220	73	20.8	1200	95
HFN-610/1524/73-12APJ2G	E12	610	1524	73	26.0	1500	95
HFN-610/1830/73-12APJ2G	E12	610	1830	73	31.2	1800	95
HFN-610/762/73-12APJ2G	E12	610	762	73	13.0	750	95
HFN-762/762/73-12APJ2G	E12	762	762	73	16.2	935	95
HFN-915/915/73-12APJ2G	E12	915	915	73	23.4	1350	95
HFN-915/1220/73-12APJ2G	E12	915	1220	73	31.2	1800	95
H13							
HFN-305/305/73-13APJ2G	H13	305	305	73	2.6	150	110
HFN-457/457/73-13APJ2G	H13	457	457	73	5.8	335	110
HFN-457/610/73-13APJ2G	H13	457	610	73	7.8	450	110
HFN-305/610/73-13APJ2G	H13	305	610	73	5.2	300	110
HFN-610/610/73-13APJ2G	H13	610	610	73	10.4	600	110
HFN-610/915/73-13APJ2G	H13	610	915	73	15.6	900	110
HFN-610/1220/73-13APJ2G	H13	610	1220	73	20.8	1200	110
HFN-610/1524/73-13APJ2G	H13	610	1524	73	26.0	1500	110
HFN-610/1830/73-13APJ2G	H13	610	1830	73	31.2	1800	110

**** According to EN 1822

HFN SERIES GEL SEAL 73 mm

Part Number	Filter Class EN 1822	Dimensions			Media Area (m^2)	Air Flow (m^3/h)	Pressure Drop (Pa)
		Width (mm)	Length (mm)	Depth (mm)			
HFN-610/762/73-13APJ2G	H13	610	762	73	13.0	750	110
HFN-762/762/73-13APJ2G	H13	762	762	73	16.2	935	110
HFN-915/915/73-13APJ2G	H13	915	915	73	23.4	1350	110
HFN-915/1220/73-13APJ2G	H13	915	1220	73	31.2	1800	110
H14							
HFN-305/305/73-14APJ2G	H14	305	305	73	2.6	150	120
HFN-457/457/73-14APJ2G	H14	457	457	73	5.8	335	120
HFN-457/610/73-14APJ2G	H14	457	610	73	7.8	450	120
HFN-305/610/73-14APJ2G	H14	305	610	73	5.2	300	120
HFN-610/610/73-14APJ2G	H14	610	610	73	10.4	600	120
HFN-610/915/73-14APJ2G	H14	610	915	73	15.6	900	120
HFN-610/1220/73-14APJ2G	H14	610	1220	73	20.8	1200	120
HFN-610/1524/73-14APJ2G	H14	610	1524	73	26.0	1500	120
HFN-610/1830/73-14APJ2G	H14	610	1830	73	31.2	1800	120
HFN-610/762/73-14APJ2G	H14	610	762	73	13.0	750	120
HFN-762/762/73-14APJ2G	H14	762	762	73	16.2	935	120
HFN-915/915/73-14APJ2G	H14	915	915	73	23.4	1350	120
HFN-915/1220/73-14APJ2G	H14	915	1220	73	31.2	1800	120
U15							
HFN-305/305/73-15APJ2G	U15	305	305	73	2.6	150	140
HFN-457/457/73-15APJ2G	U15	457	457	73	5.8	335	140
HFN-457/610/73-15APJ2G	U15	457	610	73	7.8	450	140
HFN-305/610/73-15APJ2G	U15	305	610	73	5.2	300	140
HFN-610/610/73-15APJ2G	U15	610	610	73	10.4	600	140
HFN-610/915/73-15APJ2G	U15	610	915	73	15.6	900	140
HFN-610/1220/73-15APJ2G	U15	610	1220	73	20.8	1200	140
HFN-610/1524/73-15APJ2G	U15	610	1524	73	26.0	1500	140
HFN-610/1830/73-15APJ2G	U15	610	1830	73	31.2	1800	140
HFN-610/762/73-15APJ2G	U15	610	762	73	13.0	750	140
HFN-762/762/73-15APJ2G	U15	762	762	73	16.2	935	140
HFN-915/915/73-15APJ2G	U15	915	915	73	23.4	1350	140
HFN-915/1220/73-15APJ2G	U15	915	1220	73	31.2	1800	140

**** According to EN 1822

HFN SERIES GEL SEAL 80 mm

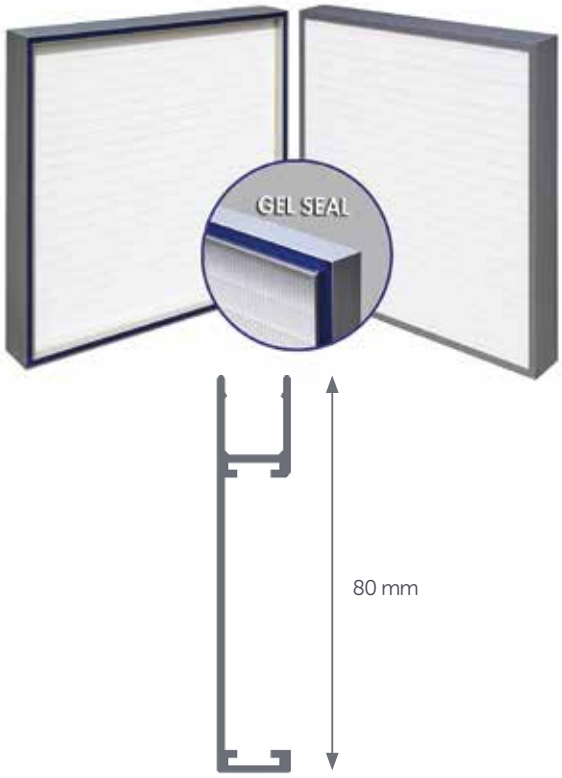
Media	Microglass Fiber
Frame	Extruded Anodized Aluminium
Final Pressure Drop	600 Pa
Operating Temperature	80 °C
Filter Efficiency**	E10-U15
Gasket	Gel
Protection Grids	Powder Coated Metal on Both Sides
Separators	Hotmelt

Applications

- Air conditioning systems (Hospitals, Laboratories, Museums)
- Industrial processes (Pharmaceutical, Food, Microelectronics)

Advantages

- HFN product line fully meets the requirements for VDI 6022



80 mm Aluminium Profile View

Part Number	Filter Class EN 1822	Dimensions			Media Area (m^2)	Air Flow (m^3/h)	Pressure Drop (Pa)
		Width (mm)	Length (mm)	Depth (mm)			
E10							
HFN-305/305/80-10APJ2G	E10	305	305	80	2.6	150	50
HFN-457/457/80-10APJ2G	E10	457	457	80	5.8	335	50
HFN-457/610/80-10APJ2G	E10	457	610	80	7.8	450	50
HFN-305/610/80-10APJ2G	E10	305	610	80	5.2	300	50
HFN-610/610/80-10APJ2G	E10	610	610	80	10.4	600	50
HFN-610/915/80-10APJ2G	E10	610	915	80	15.6	900	50
HFN-610/1220/80-10APJ2G	E10	610	1220	80	20.8	1200	50
HFN-610/1524/80-10APJ2G	E10	610	1524	80	26.0	1500	50
HFN-610/1830/80-10APJ2G	E10	610	1830	80	31.2	1800	50
HFN-610/762/80-10APJ2G	E10	610	762	80	13.0	750	50
HFN-762/762/80-10APJ2G	E10	762	762	80	16.2	935	50
HFN-915/915/80-10APJ2G	E10	915	915	80	23.4	1350	50
HFN-915/1220/80-10APJ2G	E10	915	1220	80	31.2	1800	50
E11							
HFN-305/305/80-11APJ2G	E11	305	305	80	2.6	150	70
HFN-457/457/80-11APJ2G	E11	457	457	80	5.8	335	70

**** According to EN 1822

HFN SERIES GEL SEAL 80 mm

Part Number	Filter Class EN 1822	Dimensions			Media Area (m^2)	Air Flow (m^3/h)	Pressure Drop (Pa)
		Width (mm)	Length (mm)	Depth (mm)			
HFN-457/610/80-11APJ2G	E11	457	610	80	7.8	450	70
HFN-305/610/80-11APJ2G	E11	305	610	80	5.2	300	70
HFN-610/610/80-11APJ2G	E11	610	610	80	10.4	600	70
HFN-610/915/80-11APJ2G	E11	610	915	80	15.6	900	70
HFN-610/1220/80-11APJ2G	E11	610	1220	80	20.8	1200	70
HFN-610/1524/80-11APJ2G	E11	610	1524	80	26.0	1500	70
HFN-610/1830/80-11APJ2G	E11	610	1830	80	31.2	1800	70
HFN-610/762/80-11APJ2G	E11	610	762	80	13.0	750	70
HFN-762/762/80-11APJ2G	E11	762	762	80	16.2	935	70
HFN-915/915/80-11APJ2G	E11	915	915	80	23.4	1350	70
HFN-915/1220/80-11APJ2G	E11	915	1220	80	31.2	1800	70
E12							
HFN-305/305/80-12APJ2G	E12	305	305	80	2.6	150	95
HFN-457/457/80-12APJ2G	E12	457	457	80	5.8	335	95
HFN-457/610/80-12APJ2G	E12	457	610	80	7.8	450	95
HFN-305/610/80-12APJ2G	E12	305	610	80	5.2	300	95
HFN-610/610/80-12APJ2G	E12	610	610	80	10.4	600	95
HFN-610/915/80-12APJ2G	E12	610	915	80	15.6	900	95
HFN-610/1220/80-12APJ2G	E12	610	1220	80	20.8	1200	95
HFN-610/1524/80-12APJ2G	E12	610	1524	80	26.0	1500	95
HFN-610/1830/80-12APJ2G	E12	610	1830	80	31.2	1800	95
HFN-610/762/80-12APJ2G	E12	610	762	80	13.0	750	95
HFN-762/762/80-12APJ2G	E12	762	762	80	16.2	935	95
HFN-915/915/80-12APJ2G	E12	915	915	80	23.4	1350	95
HFN-915/1220/80-12APJ2G	E12	915	1220	80	31.2	1800	95
H13							
HFN-305/305/80-13APJ2G	H13	305	305	80	2.6	150	110
HFN-457/457/80-13APJ2G	H13	457	457	80	5.8	335	110
HFN-457/610/80-13APJ2G	H13	457	610	80	7.8	450	110
HFN-305/610/80-13APJ2G	H13	305	610	80	5.2	300	110
HFN-610/610/80-13APJ2G	H13	610	610	80	10.4	600	110
HFN-610/915/80-13APJ2G	H13	610	915	80	15.6	900	110
HFN-610/1220/80-13APJ2G	H13	610	1220	80	20.8	1200	110
HFN-610/1524/80-13APJ2G	H13	610	1524	80	26.0	1500	110
HFN-610/1830/80-13APJ2G	H13	610	1830	80	31.2	1800	110

**** According to EN 1822

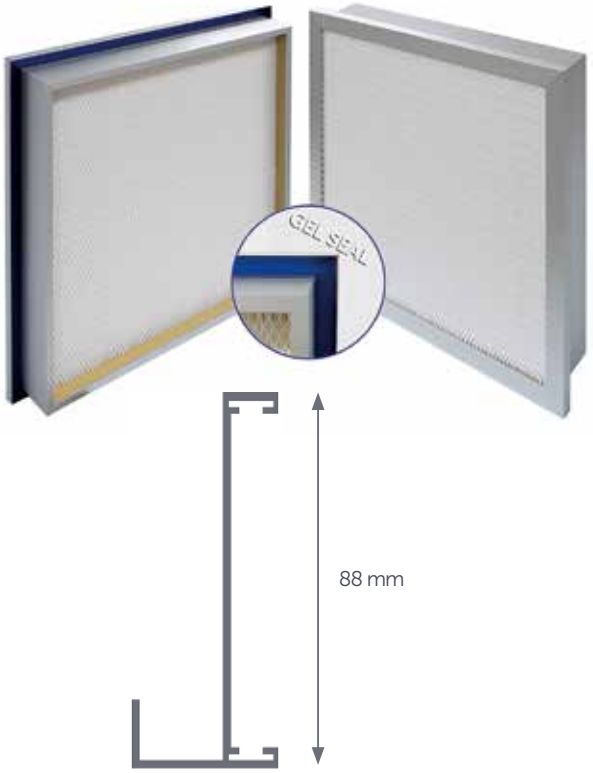
HFN SERIES GEL SEAL 80 mm

Part Number	Filter Class EN 1822	Dimensions			Media Area (m^2)	Air Flow (m^3/h)	Pressure Drop (Pa)
		Width (mm)	Length (mm)	Depth (mm)			
HFN-610/762/80-13APJ2G	H13	610	762	80	13.0	750	110
HFN-762/762/80-13APJ2G	H13	762	762	80	16.2	935	110
HFN-915/915/80-13APJ2G	H13	915	915	80	23.4	1350	110
HFN-915/1220/80-13APJ2G	H13	915	1220	80	31.2	1800	110
H14							
HFN-305/305/80-14APJ2G	H14	305	305	80	2.6	150	120
HFN-457/457/80-14APJ2G	H14	457	457	80	5.8	335	120
HFN-457/610/80-14APJ2G	H14	457	610	80	7.8	450	120
HFN-305/610/80-14APJ2G	H14	305	610	80	5.2	300	120
HFN-610/610/80-14APJ2G	H14	610	610	80	10.4	600	120
HFN-610/915/80-14APJ2G	H14	610	915	80	15.6	900	120
HFN-610/1220/80-14APJ2G	H14	610	1220	80	20.8	1200	120
HFN-610/1524/80-14APJ2G	H14	610	1524	80	26.0	1500	120
HFN-610/1830/80-14APJ2G	H14	610	1830	80	31.2	1800	120
HFN-610/762/80-14APJ2G	H14	610	762	80	13.0	750	120
HFN-762/762/80-14APJ2G	H14	762	762	80	16.2	935	120
HFN-915/915/80-14APJ2G	H14	915	915	80	23.4	1350	120
HFN-915/1220/80-14APJ2G	H14	915	1220	80	31.2	1800	120
U15							
HFN-305/305/80-15APJ2G	U15	305	305	80	2.6	150	140
HFN-457/457/80-15APJ2G	U15	457	457	80	5.8	335	140
HFN-457/610/80-15APJ2G	U15	457	610	80	7.8	450	140
HFN-305/610/80-15APJ2G	U15	305	610	80	5.2	300	140
HFN-610/610/80-15APJ2G	U15	610	610	80	10.4	600	140
HFN-610/915/80-15APJ2G	U15	610	915	80	15.6	900	140
HFN-610/1220/80-15APJ2G	U15	610	1220	80	20.8	1200	140
HFN-610/1524/80-15APJ2G	U15	610	1524	80	26.0	1500	140
HFN-610/1830/80-15APJ2G	U15	610	1830	80	31.2	1800	140
HFN-610/762/80-15APJ2G	U15	610	762	80	13.0	750	140
HFN-762/762/80-15APJ2G	U15	762	762	80	16.2	935	140
HFN-915/915/80-15APJ2G	U15	915	915	80	23.4	1350	140
HFN-915/1220/80-15APJ2G	U15	915	1220	80	31.2	1800	140

**** According to EN 1822

HFP SERIES GEL SEAL 88 mm

Media	Microglass Fiber
Frame	Extruded Anodized Aluminium
Final Pressure Drop	600 Pa
Operating Temperature	80 °C
Filter Efficiency**	E10-U15
Gasket	Gel
Protection Grids	Powder Coated Metal on Both Sides
Separators	Hotmelt



88 mm Aluminium Profile View

Applications

- Air conditioning systems (Hospitals, Laboratories, Museums)
- Industrial processes (Pharmaceutical, Food, Microelectronics)

Advantages

- HFP product line fully meets the requirements for VDI 6022

Part Number	Filter Class EN 1822	Dimensions			Media Area (m^2)	Air Flow (m^3/h)	Pressure Drop (Pa)
		Width (mm)	Length (mm)	Depth (mm)			
E10							
HFP-348/348/88-10APJ2G	E10	348	348	88	3.1	150	35
HFP-500/500/88-10APJ2G	E10	500	500	88	7.0	335	35
HFP-500/653/88-10APJ2G	E10	500	653	88	9.4	450	35
HFP-348/653/88-10APJ2G	E10	348	653	88	6.2	300	35
HFP-653/653/88-10APJ2G	E10	653	653	88	12.5	600	35
HFP-653/958/88-10APJ2G	E10	653	958	88	18.7	900	35
HFP-653/1263/88-10APJ2G	E10	653	1263	88	25.0	1200	35
HFP-653/1567/88-10APJ2G	E10	653	1567	88	31.2	1500	35
HFP-653/1873/88-10APJ2G	E10	653	1873	88	37.5	1800	35
HFP-653/805/88-10APJ2G	E10	653	805	88	15.6	750	35
HFP-805/805/88-10APJ2G	E10	805	805	88	19.5	935	35
HFP-958/958/88-10APJ2G	E10	958	958	88	28.1	1350	35
HFP-958/1263/88-10APJ2G	E10	958	1263	88	37.5	1800	35
E11							
HFP-348/348/88-11APJ2G	E11	348	348	88	3.1	150	45
HFP-500/500/88-11APJ2G	E11	500	500	88	7.0	335	45

**** According to EN 1822

HFP SERIES GEL SEAL 88 mm

Part Number	Filter Class EN 1822	Dimensions			Media Area (m^2)	Air Flow (m^3/h)	Pressure Drop (Pa)
		Width (mm)	Length (mm)	Depth (mm)			
HFP-500/653/88-11APJ2G	E11	500	653	88	9.4	450	45
HFP-348/653/88-11APJ2G	E11	348	653	88	6.2	300	45
HFP-653/653/88-11APJ2G	E11	653	653	88	12.5	600	45
HFP-653/958/88-11APJ2G	E11	653	958	88	18.7	900	45
HFP-653/1263/88-11APJ2G	E11	653	1263	88	25.0	1200	45
HFP-653/1567/88-11APJ2G	E11	653	1567	88	31.2	1500	45
HFP-653/1873/88-11APJ2G	E11	653	1873	88	37.5	1800	45
HFP-653/805/88-11APJ2G	E11	653	805	88	15.6	750	45
HFP-805/805/88-11APJ2G	E11	805	805	88	19.5	935	45
HFP-958/958/88-11APJ2G	E11	958	958	88	28.1	1350	45
HFP-958/1263/88-11APJ2G	E11	958	1263	88	37.5	1800	45
E12							
HFP-348/348/88-12APJ2G	E12	348	348	88	3.1	150	75
HFP-500/500/88-12APJ2G	E12	500	500	88	7.0	335	75
HFP-500/653/88-12APJ2G	E12	500	653	88	9.4	450	75
HFP-348/653/88-12APJ2G	E12	348	653	88	6.2	300	75
HFP-653/653/88-12APJ2G	E12	653	653	88	12.5	600	75
HFP-653/958/88-12APJ2G	E12	653	958	88	18.7	900	75
HFP-653/1263/88-12APJ2G	E12	653	1263	88	25.0	1200	75
HFP-653/1567/88-12APJ2G	E12	653	1567	88	31.2	1500	75
HFP-653/1873/88-12APJ2G	E12	653	1873	88	37.5	1800	75
HFP-653/805/88-12APJ2G	E12	653	805	88	15.6	750	75
HFP-805/805/88-12APJ2G	E12	805	805	88	19.5	935	75
HFP-958/958/88-12APJ2G	E12	958	958	88	28.1	1350	75
HFP-958/1263/88-12APJ2G	E12	958	1263	88	37.5	1800	75
H13							
HFP-348/348/88-13APJ2G	H13	348	348	88	3.1	150	90
HFP-500/500/88-13APJ2G	H13	500	500	88	7.0	335	90
HFP-500/653/88-13APJ2G	H13	500	653	88	9.4	450	90
HFP-348/653/88-13APJ2G	H13	348	653	88	6.2	300	90
HFP-653/653/88-13APJ2G	H13	653	653	88	12.5	600	90
HFP-653/958/88-13APJ2G	H13	653	958	88	18.7	900	90
HFP-653/1263/88-13APJ2G	H13	653	1263	88	25.0	1200	90
HFP-653/1567/88-13APJ2G	H13	653	1567	88	31.2	1500	90
HFP-653/1873/88-13APJ2G	H13	653	1873	88	37.5	1800	90

**** According to EN 1822

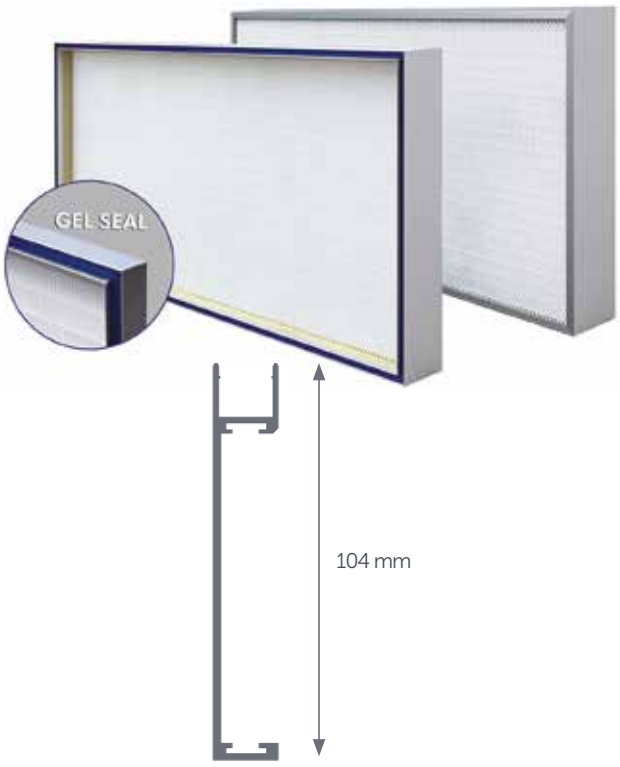
HFP SERIES GEL SEAL 88 mm

Part Number	Filter Class EN 1822	Dimensions			Media Area (m^2)	Air Flow (m^3/h)	Pressure Drop (Pa)
		Width (mm)	Length (mm)	Depth (mm)			
HFP-653/805/88-13APJ2G	H13	653	805	88	15.6	750	90
HFP-805/805/88-13APJ2G	H13	805	805	88	19.5	935	90
HFP-958/958/88-13APJ2G	H13	958	958	88	28.1	1350	90
HFP-958/1263/88-13APJ2G	H13	958	1263	88	37.5	1800	90
H14							
HFP-348/348/88-14APJ2G	H14	348	348	88	3.1	150	100
HFP-500/500/88-14APJ2G	H14	500	500	88	7.0	335	100
HFP-500/653/88-14APJ2G	H14	500	653	88	9.4	450	100
HFP-348/653/88-14APJ2G	H14	348	653	88	6.2	300	100
HFP-653/653/88-14APJ2G	H14	653	653	88	12.5	600	100
HFP-653/958/88-14APJ2G	H14	653	958	88	18.7	900	100
HFP-653/1263/88-14APJ2G	H14	653	1263	88	25.0	1200	100
HFP-653/1567/88-14APJ2G	H14	653	1567	88	31.2	1500	100
HFP-653/1873/88-14APJ2G	H14	653	1873	88	37.5	1800	100
HFP-653/805/88-14APJ2G	H14	653	805	88	15.6	750	100
HFP-805/805/88-14APJ2G	H14	805	805	88	19.5	935	100
HFP-958/958/88-14APJ2G	H14	958	958	88	28.1	1350	100
HFP-958/1263/88-14APJ2G	H14	958	1263	88	37.5	1800	100
U15							
HFP-348/348/88-15APJ2G	U15	348	348	88	3.1	150	120
HFP-500/500/88-15APJ2G	U15	500	500	88	7.0	335	120
HFP-500/653/88-15APJ2G	U15	500	653	88	9.4	450	120
HFP-348/653/88-15APJ2G	U15	348	653	88	6.2	300	120
HFP-653/653/88-15APJ2G	U15	653	653	88	12.5	600	120
HFP-653/958/88-15APJ2G	U15	653	958	88	18.7	900	120
HFP-653/1263/88-15APJ2G	U15	653	1263	88	25.0	1200	120
HFP-653/1567/88-15APJ2G	U15	653	1567	88	31.2	1500	120
HFP-653/1873/88-15APJ2G	U15	653	1873	88	37.5	1800	120
HFP-653/805/88-15APJ2G	U15	653	805	88	15.6	750	120
HFP-805/805/88-15APJ2G	U15	805	805	88	19.5.	935	120
HFP-958/958/88-15APJ2G	U15	958	958	88	28.1	1350	120
HFP-958/1263/88-15APJ2G	U15	958	1263	88	37.5	1800	120

**** According to EN 1822

HFP SERIES GEL SEAL 104 mm

Media	Microglass Fiber
Frame	Extruded Anodized Aluminium
Final Pressure Drop	600 Pa
Operating Temperature	80 °C
Filter Efficiency**	E10-U15
Gasket	Gel
Protection Grids	Powder Coated Metal on Both Sides
Separators	Hotmelt



104 mm Aluminium Profile View

Applications

- Air conditioning systems (Hospitals, Laboratories, Museums)
- Industrial processes (Pharmaceutical, Food, Microelectronics)

Advantages

- HFP product line fully meets the requirements for VDI 6022

Part Number	Filter Class EN 1822	Dimensions			Media Area (m^2)	Air Flow (m^3/h)	Pressure Drop (Pa)
		Width (mm)	Length (mm)	Depth (mm)			
E10							
HFP-305/305/104-10APJ2G	E10	305	305	104	3.1	150	35
HFP-457/457/104-10APJ2G	E10	457	457	104	7.0	335	35
HFP-457/610/104-10APJ2G	E10	457	610	104	9.4	450	35
HFP-305/610/104-10APJ2G	E10	305	610	104	6.2	300	35
HFP-610/610/104-10APJ2G	E10	610	610	104	12.5	600	35
HFP-610/915/104-10APJ2G	E10	610	915	104	18.7	900	35
HFP-610/1220/104-10APJ2G	E10	610	1220	104	25.0	1200	35
HFP-610/1524/104-10APJ2G	E10	610	1524	104	31.2	1500	35
HFP-610/1830/104-10APJ2G	E10	610	1830	104	37.5	1800	35
HFP-610/762/104-10APJ2G	E10	610	762	104	15.6	750	35
HFP-762/762/104-10APJ2G	E10	762	762	104	19.5	935	35
HFP-915/915/104-10APJ2G	E10	915	915	104	28.1	1350	35
HFP-915/1220/104-10APJ2G	E10	915	1220	104	37.5	1800	35
E11							
HFP-305/305/104-11APJ2G	E11	305	305	104	3.1	150	45
HFP-457/457/104-11APJ2G	E11	457	457	104	7.0	335	45

**** According to EN 1822

HFP SERIES GEL SEAL 104 mm

Part Number	Filter Class EN 1822	Dimensions			Media Area (m^2)	Air Flow (m^3/h)	Pressure Drop (Pa)
		Width (mm)	Length (mm)	Depth (mm)			
HFP-457/610/104-11APJ2G	E11	457	610	104	9.4	450	45
HFP-305/610/104-11APJ2G	E11	305	610	104	6.2	300	45
HFP-610/610/104-11APJ2G	E11	610	610	104	12.5	600	45
HFP-610/915/104-11APJ2G	E11	610	915	104	18.7	900	45
HFP-610/1220/104-11APJ2G	E11	610	1220	104	25.0	1200	45
HFP-610/1524/104-11APJ2G	E11	610	1524	104	31.2	1500	45
HFP-610/1830/104-11APJ2G	E11	610	1830	104	37.5	1800	45
HFP-610/762/104-11APJ2G	E11	610	762	104	15.6	750	45
HFP-762/762/104-11AJP2G	E11	762	762	104	19.5	935	45
HFP-915/915/104-11APJ2G	E11	915	915	104	28.1	1350	45
HFP-915/1220/104-11APJ2G	E11	915	1220	104	37.5	1800	45
E12							
HFP-305/305/104-12APJ2G	E12	305	305	104	3.1	150	75
HFP-457/457/104-12APJ2G	E12	457	457	104	7.0	335	75
HFP-457/610/104-12APJ2G	E12	457	610	104	9.4	450	75
HFP-305/610/104-12APJ2G	E12	305	610	104	6.2	300	75
HFP-610/610/104-12APJ2G	E12	610	610	104	12.5	600	75
HFP-610/915/104-12APJ2G	E12	610	915	104	18.7	900	75
HFP-610/1220/104-12APJ2G	E12	610	1220	104	25.0	1200	75
HFP-610/1524/104-12APJ2G	E12	610	1524	104	31.2	1500	75
HFP-610/1830/104-12APJ2G	E12	610	1830	104	37.5	1800	75
HFP-610/762/104-12APJ2G	E12	610	762	104	15.6	750	75
HFP-762/762/104-12APJ2G	E12	762	762	104	19.5	935	75
HFP-915/915/104-12APJ2G	E12	915	915	104	28.1	1350	75
HFP-915/1220/104-12APJ2G	E12	915	1220	104	37.5	1800	75
H13							
HFP-305/305/104-13APJ2G	H13	305	305	104	3.1	150	90
HFP-457/457/104-13APJ2G	H13	457	457	104	7.0	335	90
HFP-457/610/104-13APJ2G	H13	457	610	104	9.4	450	90
HFP-305/610/104-13APJ2G	H13	305	610	104	6.2	300	90
HFP-610/610/104-13APJ2G	H13	610	610	104	12.5	600	90
HFP-610/915/104-13APJ2G	H13	610	915	104	18.7	900	90
HFP-610/1220/104-13APJ2G	H13	610	1220	104	25.0	1200	90
HFP-610/1524/104-13APJ2G	H13	610	1524	104	31.2	1500	90
HFP-610/1830/104-13APJ2G	H13	610	1830	104	37.5	1800	90

**** According to EN 1822

HFP SERIES GEL SEAL 104 mm

Part Number	Filter Class EN 1822	Dimensions			Media Area (m^2)	Air Flow (m^3/h)	Pressure Drop (Pa)
		Width (mm)	Length (mm)	Depth (mm)			
HFP-610/762/104-13APJ2G	H13	610	762	104	15.6	750	90
HFP-762/762/104-13APJ2G	H13	762	762	104	19.5	935	90
HFP-915/915/104-13APJ2G	H13	915	915	104	28.1	1350	90
HFP-915/1220/104-13APJ2G	H13	915	1220	104	37.5	1800	90
H14							
HFP-305/305/104-14APJ2G	H14	305	305	104	3.1	150	100
HFP-457/457/104-14APJ2G	H14	457	457	104	7.0	335	100
HFP-457/610/104-14APJ2G	H14	457	610	104	9.4	450	100
HFP-305/610/104-14APJ2G	H14	305	610	104	6.2	300	100
HFP-610/610/104-14APJ2G	H14	610	610	104	12.5	600	100
HFP-610/915/104-14APJ2G	H14	610	915	104	18.7	900	100
HFP-610/1220/104-14APJ2G	H14	610	1220	104	25.0	1200	100
HFP-610/1524/104-14APJ2G	H14	610	1524	104	31.2	1500	100
HFP-610/1830/104-14APJ2G	H14	610	1830	104	37.5	1800	100
HFP-610/762/104-14APJ2G	H14	610	762	104	15.6	750	100
HFP-762/762/104-14APJ2G	H14	762	762	104	19.5	935	100
HFP-915/915/104-14APJ2G	H14	915	915	104	28.1	1350	100
HFP-915/1220/104-14APJ2G	H14	915	1220	104	37.5	1800	100
U15							
HFP-305/305/104-15APJ2G	U15	305	305	104	3.1	150	120
HFP-457/457/104-15APJ2G	U15	457	457	104	7.0	335	120
HFP-457/610/104-15APJ2G	U15	457	610	104	9.4	450	120
HFP-305/610/104-15APJ2G	U15	305	610	104	6.2	300	120
HFP-610/610/104-15APJ2G	U15	610	610	104	12.5	600	120
HFP-610/915/104-15APJ2G	U15	610	915	104	18.7	900	120
HFP-610/1220/104-15APJ2G	U15	610	1220	104	25.0	1200	120
HFP-610/1524/104-15APJ2G	U15	610	1524	104	31.2	1500	120
HFP-610/1830/104-15APJ2G	U15	610	1830	104	37.5	1800	120
HFP-610/762/104-15APJ2G	U15	610	762	104	15.6	750	120
HFP-762/762/104-15APJ2G	U15	762	762	104	19.5.	935	120
HFP-915/915/104-15APJ2G	U15	915	915	104	28.1	1350	120
HFP-915/1220/104-15APJ2G	U15	915	1220	104	37.5	1800	120

**** According to EN 1822

HFP SERIES ALUMINIUM PROFILE 90 mm

Media	Microglass Fiber
Frame	Extruded Anodized Aluminium
Final Pressure Drop	600 Pa
Operating Temperature	80 °C
Filter Efficiency**	E10-U15
Gasket	Half Round Endless Polyurethane
Protection Grids	Powder Coated Metal on Both Sides
Separators	Hotmelt

90 mm Aluminium Profile View

Applications

- Air conditioning systems (Hospitals, Laboratories, Museums)
- Industrial processes (Pharmaceutical, Food, Microelectronics)

Advantages

- HFP product line fully meets the requirements for VDI 6022

Part Number	Filter Class EN 1822	Dimensions			Media Area (m^2)	Air Flow (m^3/h)	Pressure Drop (Pa)
		Width (mm)	Length (mm)	Depth (mm)			
E10							
HFP-305/305/90-10APD2G	E10	305	305	90	3.1	150	35
HFP-457/457/90-10APD2G	E10	457	457	90	7.0	335	35
HFP-457/610/90-10APD2G	E10	457	610	90	9.4	450	35
HFP-305/610/90-10APD2G	E10	305	610	90	6.2	300	35
HFP-610/610/90-10APD2G	E10	610	610	90	12.5	600	35
HFP-610/915/90-10APD2G	E10	610	915	90	18.7	900	35
HFP-610/1220/90-10APD2G	E10	610	1220	90	25.0	1200	35
HFP-610/1524/90-10APD2G	E10	610	1524	90	31.2	1500	35
HFP-610/1830/90-10APD2G	E10	610	1830	90	37.5	1800	35
HFP-610/762/90-10APD2G	E10	610	762	90	15.6	750	35
HFP-762/762/90-10APD2G	E10	762	762	90	19.5	935	35
HFP-915/915/90-10APD2G	E10	915	915	90	28.1	1350	35
HFP-915/1220/90-10APD2G	E10	915	1220	90	37.5	1800	35
E11							
HFP-305/305/90-11APD2G	E11	305	305	90	3.1	150	45
HFP-457/457/90-11APD2G	E11	457	457	90	7.0	335	45

**** According to EN 1822

HFP SERIES ALUMINIUM PROFILE 90 mm

Part Number	Filter Class EN 1822	Dimensions			Media Area (m^2)	Air Flow (m^3/h)	Pressure Drop (Pa)
		Width (mm)	Length (mm)	Depth (mm)			
HFP-457/610/90-11APD2G	E11	457	610	90	9.4	450	45
HFP-305/610/90-11APD2G	E11	305	610	90	6.2	300	45
HFP-610/610/90-11APD2G	E11	610	610	90	12.5	600	45
HFP-610/915/90-11APD2G	E11	610	915	90	18.7	900	45
HFP-610/1220/90-11APD2G	E11	610	1220	90	25.0	1200	45
HFP-610/1524/90-11APD2G	E11	610	1524	90	31.2	1500	45
HFP-610/1830/90-11APD2G	E11	610	1830	90	37.5	1800	45
HFP-610/762/90-11APD2G	E11	610	762	90	15.6	750	45
HFP-762/762/90-11APD2G	E11	762	762	90	19.5	935	45
HFP-915/915/90-11APD2G	E11	915	915	90	28.1	1350	45
HFP-915/1220/90-11APD2G	E11	915	1220	90	37.5	1800	45
E12							
HFP-305/305/90-12APD2G	E12	305	305	90	3.1	150	75
HFP-457/457/90-12APD2G	E12	457	457	90	7.0	335	75
HFP-457/610/90-12APD2G	E12	457	610	90	9.4	450	75
HFP-305/610/90-12APD2G	E12	305	610	90	6.2	300	75
HFP-610/610/90-12APD2G	E12	610	610	90	12.5	600	75
HFP-610/915/90-12APD2G	E12	610	915	90	18.7	900	75
HFP-610/1220/90-12APD2G	E12	610	1220	90	25.0	1200	75
HFP-610/1524/90-12APD2G	E12	610	1524	90	31.2	1500	75
HFP-610/1830/90-12APD2G	E12	610	1830	90	37.5	1800	75
HFP-610/762/90-12APD2G	E12	610	762	90	15.6	750	75
HFP-762/762/90-12APD2G	E12	762	762	90	19.5	935	75
HFP-915/915/90-12APD2G	E12	915	915	90	28.1	1350	75
HFP-915/1220/90-12APD2G	E12	915	1220	90	37.5	1800	75
H13							
HFP-305/305/90-13APD2G	H13	305	305	90	3.1	150	90
HFP-457/457/90-13APD2G	H13	457	457	90	7.0	335	90
HFP-457/610/90-13APD2G	H13	457	610	90	9.4	450	90
HFP-305/610/90-13APD2G	H13	305	610	90	6.2	300	90
HFP-610/610/90-13APD2G	H13	610	610	90	12.5	600	90
HFP-610/915/90-13APD2G	H13	610	915	90	18.7	900	90
HFP-610/1220/90-13APD2G	H13	610	1220	90	25.0	1200	90
HFP-610/1524/90-13APD2G	H13	610	1524	90	31.2	1500	90
HFP-610/1830/90-13APD2G	H13	610	1830	90	37.5	1800	90

**** According to EN 1822

HFP SERIES ALUMINIUM PROFILE 90 mm

Part Number	Filter Class EN 1822	Dimensions			Media Area (m^2)	Air Flow (m^3/h)	Pressure Drop (Pa)
		Width (mm)	Length (mm)	Depth (mm)			
HFP-610/762/90-13APD2G	H13	610	762	90	15.6	750	90
HFP-762/762/90-13APD2G	H13	762	762	90	19.5	935	90
HFP-915/915/90-13APD2G	H13	915	915	90	28.1	1350	90
HFP-915/1220/90-13APD2G	H13	915	1220	90	37.5	1800	90
▸H14							
HFP-305/305/90-14APD2G	H14	305	305	90	3.1	150	100
HFP-457/457/90-14APD2G	H14	457	457	90	7.0	335	100
HFP-457/610/90-14APD2G	H14	457	610	90	9.4	450	100
HFP-305/610/90-14APD2G	H14	305	610	90	6.2	300	100
HFP-610/610/90-14APD2G	H14	610	610	90	12.5	600	100
HFP-610/915/90-14APD2G	H14	610	915	90	18.7	900	100
HFP-610/1220/90-14APD2G	H14	610	1220	90	25.0	1200	100
HFP-610/1524/90-14APD2G	H14	610	1524	90	31.2	1500	100
HFP-610/1830/90-14APD2G	H14	610	1830	90	37.5	1800	100
HFP-610/762/90-14APD2G	H14	610	762	90	15.6	750	100
HFP-762/762/90-14APD2G	H14	762	762	90	19.5	935	100
HFP-915/915/90-14APD2G	H14	915	915	90	28.1	1350	100
HFP-915/1220/90-14APD2G	H14	915	1220	90	37.5	1800	100
▸U15							
HFP-305/305/90-15APD2G	U15	305	305	90	3.1	150	120
HFP-457/457/90-15APD2G	U15	457	457	90	7.0	335	120
HFP-457/610/90-15APD2G	U15	457	610	90	9.4	450	120
HFP-305/610/90-15APD2G	U15	305	610	90	6.2	300	120
HFP-610/610/90-15APD2G	U15	610	610	90	12.5	600	120
HFP-610/915/90-15APD2G	U15	610	915	90	18.7	900	120
HFP-610/1220/90-15APD2G	U15	610	1220	90	25.0	1200	120
HFP-610/1524/90-15APD2G	U15	610	1524	90	31.2	1500	120
HFP-610/1830/90-15APD2G	U15	610	1830	90	37.5	1800	120
HFP-610/762/90-15APD2G	U15	610	762	90	15.6	750	120
HFP-762/762/90-15APD2G	U15	762	762	90	19.5.	935	120
HFP-915/915/90-15APD2G	U15	915	915	90	28.1	1350	120
HFP-915/1220/90-15APD2G	U15	915	1220	90	37.5	1800	120

**** According to EN 1822

HFN SERIES ALUMINIUM PROFILE 150 mm

Media	Microglass Fiber
Frame	Extruded Anodized Aluminium
Final Pressure Drop	600 Pa
Operating Temperature	80 °C
Filter Efficiency**	E10-H14
Gasket	Half Round Endless Polyurethane
Protection Grids	Powder Coated Metal on Both Sides
Separators	Hotmelt

150 mm Aluminium Profile View

Applications

- Air conditioning systems (Hospitals, Laboratories, Museums)
- Industrial processes (Pharmaceutical, Food, Microelectronics)

Advantages

- HFN product line fully meets the requirements for VDI 6022

Part Number	Filter Class EN 1822	Dimensions			Media Area (m^2)	Air Flow (m^3/h)	Pressure Drop (Pa)
		Width (mm)	Length (mm)	Depth (mm)			
E10							
HFN-305/305/150-10APD2G	E10	305	305	150	2.6	150	50
HFN-457/457/150-10APD2G	E10	457	457	150	5.8	335	50
HFN-457/610/150-10APD2G	E10	457	610	150	7.8	450	50
HFN-305/610/150-10APD2G	E10	305	610	150	5.2	300	50
HFN-610/610/150-10APD2G	E10	610	610	150	10.4	600	50
HFN-610/915/150-10APD2G	E10	610	915	150	15.6	900	50
HFN-610/1220/150-10APD2G	E10	610	1220	150	20.8	1200	50
HFN-610/1524/150-10APD2G	E10	610	1524	150	26.0	1500	50
HFN-610/1830/150-10APD2G	E10	610	1830	150	31.2	1800	50
HFN-610/762/150-10APD2G	E10	610	762	150	13.0	750	50
HFN-762/762/150-10APD2G	E10	762	762	150	16.2	935	50
HFN-915/915/150-10APD2G	E10	915	915	150	23.4	1350	50
HFN-915/1220/150-10APD2G	E10	915	1220	150	31.2	1800	50
E11							
HFN-305/305/150-11APD2G	E11	305	305	150	2.6	150	70
HFN-457/457/150-11APD2G	E11	457	457	150	5.8	335	70

**** According to EN 1822

HFN SERIES ALUMINIUM PROFILE 150 mm

Part Number	Filter Class EN 1822	Dimensions			Media Area (m^2)	Air Flow (m^3/h)	Pressure Drop (Pa)
		Width (mm)	Length (mm)	Depth (mm)			
HFN-457/610/150-11APD2G	E11	457	610	150	7.8	450	70
HFN-305/610/150-11APD2G	E11	305	610	150	5.2	300	70
HFN-610/610/150-11APD2G	E11	610	610	150	10.4	600	70
HFN-610/915/150-11APD2G	E11	610	915	150	15.6	900	70
HFN-610/1220/150-11APD2G	E11	610	1220	150	20.8	1200	70
HFN-610/1524/150-11APD2G	E11	610	1524	150	26.0	1500	70
HFN-610/1830/150-11APD2G	E11	610	1830	150	31.2	1800	70
HFN-610/762/150-11APD2G	E11	610	762	150	13.0	750	70
HFN-762/762/150-11APD2G	E11	762	762	150	16.2	935	70
HFN-915/915/150-11APD2G	E11	915	915	150	23.4	1350	70
HFN-915/1220/150-11APD2G	E11	915	1220	150	31.2	1800	70
E12							
HFN-305/305/150-12APD2G	E12	305	305	150	2.6	150	95
HFN-457/457/150-12APD2G	E12	457	457	150	5.8	335	95
HFN-457/610/150-12APD2G	E12	457	610	150	7.8	450	95
HFN-305/610/150-12APD2G	E12	305	610	150	5.2	300	95
HFN-610/610/150-12APD2G	E12	610	610	150	10.4	600	95
HFN-610/915/150-12APD2G	E12	610	915	150	15.6	900	95
HFN-610/1220/150-12APD2G	E12	610	1220	150	20.8	1200	95
HFN-610/1524/150-12APD2G	E12	610	1524	150	26.0	1500	95
HFN-610/1830/150-12APD2G	E12	610	1830	150	31.2	1800	95
HFN-610/762/150-12APD2G	E12	610	762	150	13.0	750	95
HFN-762/762/150-12APD2G	E12	762	762	150	16.2	935	95
HFN-915/915/150-12APD2G	E12	915	915	150	23.4	1350	95
HFN-915/1220/150-12APD2G	E12	915	1220	150	31.2	1800	95
H13							
HFN-305/305/150-13APD2G	H13	305	305	150	2.6	150	110
HFN-457/457/150-13APD2G	H13	457	457	150	5.8	335	110
HFN-457/610/150-13APD2G	H13	457	610	150	7.8	450	110
HFN-305/610/150-13APD2G	H13	305	610	150	5.2	300	110
HFN-610/610/150-13APD2G	H13	610	610	150	10.4	600	110
HFN-610/915/150-13APD2G	H13	610	915	150	15.6	900	110
HFN-610/1220/150-13APD2G	H13	610	1220	150	20.8	1200	110
HFN-610/1524/150-13APD2G	H13	610	1524	150	26.0	1500	110
HFN-610/1830/150-13APD2G	H13	610	1830	150	31.2	1800	110

**** According to EN 1822

HFN SERIES ALUMINIUM PROFILE 150 mm

Part Number	Filter Class EN 1822	Dimensions			Media Area (m^2)	Air Flow (m^3/h)	Pressure Drop (Pa)
		Width (mm)	Length (mm)	Depth (mm)			
HFN-610/762/150-13APD2G	H13	610	762	150	13.0	750	110
HFN-762/762/150-13APD2G	H13	762	762	150	16.2	935	110
HFN-915/915/150-13APD2G	H13	915	915	150	23.4	1350	110
HFN-915/1220/150-13APD2G	H13	915	1220	150	31.2	1800	110
H14							
HFN-305/305/150-14APD2G	H14	305	305	150	2.6	150	120
HFN-457/457/150-14APD2G	H14	457	457	150	5.8	335	120
HFN-457/610/150-14APD2G	H14	457	610	150	7.8	450	120
HFN-305/610/150-14APD2G	H14	305	610	150	5.2	300	120
HFN-610/610/150-14APD2G	H14	610	610	150	10.4	600	120
HFN-610/915/150-14APD2G	H14	610	915	150	15.6	900	120
HFN-610/1220/150-14APD2G	H14	610	1220	150	20.8	1200	120
HFN-610/1524/150-14APD2G	H14	610	1524	150	26.0	1500	120
HFN-610/1830/150-14APD2G	H14	610	1830	150	31.2	1800	120
HFN-610/762/150-14APD2G	H14	610	762	150	13.0	750	120
HFN-762/762/150-14APD2G	H14	762	762	150	16.2	935	120
HFN-915/915/150-14APD2G	H14	915	915	150	23.4	1350	120
HFN-915/1220/150-14APD2G	H14	915	1220	150	31.2	1800	120

**** According to EN 1822

HFN SERIES MDF FRAME 150 mm

Media	Microglass Fiber
Frame	MDF
Final Pressure Drop	600 Pa
Operating Temperature	80 °C
Filter Efficiency**	E10-H14
Gasket	Flat Neoprene or Half Round Endless Polyurethane
Protection Grids	Optional
Separators	Hotmelt

Applications

- Air conditioning systems (Hospitals, Laboratories, Museums)
- Industrial processes (Pharmaceutical, Food, Microelectronics)

Part Number	Filter Class EN 1822	Dimensions			Media Area (m^2)	Air Flow (m^3/h)	Pressure Drop (Pa)
		Width (mm)	Length (mm)	Depth (mm)			
E10							
HFN-305/305/150-10PD	E10	305	305	150	2.6	700	250
HFN-457/457/150-10PD	E10	457	457	150	5.8	1570	250
HFN-457/610/150-10PD	E10	457	610	150	7.8	2100	250
HFN-305/610/150-10PD	E10	305	610	150	5.2	1400	250
HFN-610/610/150-10PD	E10	610	610	150	10.4	2800	250
HFN-610/915/150-10PD	E10	610	915	150	15.6	4200	250
HFN-610/1220/150-10PD	E10	610	1220	150	20.8	5600	250
HFN-610/1524/150-10PD	E10	610	1524	150	26.0	7000	250
HFN-610/1830/150-10PD	E10	610	1830	150	31.2	8400	250
HFN-610/762/150-10PD	E10	610	762	150	13.0	3500	250
HFN-762/762/150-10PD	E10	762	762	150	16.2	4370	250
HFN-915/915/150-10PD	E10	915	915	150	23.4	6300	250
HFN-915/1220/150-10PD	E10	915	1220	150	31.2	8400	250
E11							
HFN-305/305/150-11PD	E11	305	305	150	2.6	600	250
HFN-457/457/150-11PD	E11	457	457	150	5.8	1350	250

**** According to EN 1822

HFN SERIES MDF FRAME 150 mm

Part Number	Filter Class EN 1822	Dimensions			Media Area (m^2)	Air Flow (m^3/h)	Pressure Drop (Pa)
		Width (mm)	Length (mm)	Depth (mm)			
HFN-457/610/150-11PD	E11	457	610	150	7.8	1800	250
HFN-305/610/150-11PD	E11	305	610	150	5.2	1200	250
HFN-610/610/150-11PD	E11	610	610	150	10.4	2400	250
HFN-610/915/150-11PD	E11	610	915	150	15.6	3600	250
HFN-610/1220/150-11PD	E11	610	1220	150	20.8	4800	250
HFN-610/1524/150-11PD	E11	610	1524	150	26.0	6000	250
HFN-610/1830/150-11PD	E11	610	1830	150	31.2	7200	250
HFN-610/762/150-11PD	E11	610	762	150	13.0	3000	250
HFN-762/762/150-11PD	E11	762	762	150	16.2	3750	250
HFN-915/915/150-11PD	E11	915	915	150	23.4	5400	250
HFN-915/1220/150-11PD	E11	915	1220	150	31.2	7200	250
E12							
HFN-305/305/150-12PD	E12	305	305	150	2.6	375	250
HFN-457/457/150-12PD	E12	457	457	150	5.8	840	250
HFN-457/610/150-12PD	E12	457	610	150	7.8	1120	250
HFN-305/610/150-12PD	E12	305	610	150	5.2	750	250
HFN-610/610/150-12PD	E12	610	610	150	10.4	1500	250
HFN-610/915/150-12PD	E12	610	915	150	15.6	2250	250
HFN-610/1220/150-12PD	E12	610	1220	150	20.8	3000	250
HFN-610/1524/150-12PD	E12	610	1524	150	26.0	3750	250
HFN-610/1830/150-12PD	E12	610	1830	150	31.2	4500	250
HFN-610/762/150-12PD	E12	610	762	150	13.0	1870	250
HFN-762/762/150-12PD	E12	762	762	150	16.2	2340	250
HFN-915/915/150-12PD	E12	915	915	150	23.4	3375	250
HFN-915/1220/150-12PD	E12	915	1220	150	31.2	4500	250
H13							
HFN-305/305/150-13PD	H13	305	305	150	2.6	310	250
HFN-457/457/150-13PD	H13	457	457	150	5.8	700	250
HFN-457/610/150-13PD	H13	457	610	150	7.8	930	250
HFN-305/610/150-13PD	H13	305	610	150	5.2	625	250
HFN-610/610/150-13PD	H13	610	610	150	10.4	1250	250
HFN-610/915/150-13PD	H13	610	915	150	15.6	1850	250
HFN-610/1220/150-13PD	H13	610	1220	150	20.8	2500	250
HFN-610/1524/150-13PD	H13	610	1524	150	26.0	3100	250
HFN-610/1830/150-13PD	H13	610	1830	150	31.2	3750	250

**** According to EN 1822

HFN SERIES MDF FRAME 150 mm

Part Number	Filter Class EN 1822	Dimensions			Media Area (m^2)	Air Flow (m^3/h)	Pressure Drop (Pa)
		Width (mm)	Length (mm)	Depth (mm)			
HFN-610/762/150-13PD	H13	610	762	150	13.0	1550	250
HFN-762/762/150-13PD	H13	762	762	150	16.2	1950	250
HFN-915/915/150-13PD	H13	915	915	150	23.4	2800	250
HFN-915/1220/150-13PD	H13	915	1220	150	31.2	3750	250
H14							
HFN-305/305/150-14PD	H14	305	305	150	2.6	275	250
HFN-457/457/150-14PD	H14	457	457	150	5.8	610	250
HFN-457/610/150-14PD	H14	457	610	150	7.8	820	250
HFN-305/610/150-14PD	H14	305	610	150	5.2	550	250
HFN-610/610/150-14PD	H14	610	610	150	10.4	1100	250
HFN-610/915/150-14PD	H14	610	915	150	15.6	1650	250
HFN-610/1220/150-14PD	H14	610	1220	150	20.8	2200	250
HFN-610/1524/150-14PD	H14	610	1524	150	26.0	2750	250
HFN-610/1830/150-14PD	H14	610	1830	150	31.2	3300	250
HFN-610/762/150-14PD	H14	610	762	150	13.0	1370	250
HFN-762/762/150-14PD	H14	762	762	150	16.2	1700	250
HFN-915/915/150-14PD	H14	915	915	150	23.4	2470	250
HFN-915/1220/150-14PD	H14	915	1220	150	31.2	3300	250

**** According to EN 1822

HFP SERIES ALUMINIUM PROFILE 150 mm

Media	Microglass Fiber
Frame	Extruded Anodized Aluminium
Final Pressure Drop	600 Pa
Operating Temperature	80 °C
Filter Efficiency**	E10-U15
Gasket	Half Round Endless Polyurethane
Protection Grids	Powder Coated Metal on Both Sides
Separators	Hotmelt

150 mm Aluminium Profile View

Applications

- Air conditioning systems (Hospitals, Laboratories, Museums)
- Industrial processes (Pharmaceutical, Food, Microelectronics)

Advantages

- HFP product line fully meets the requirements for VDI 6022

Part Number	Filter Class EN 1822	Dimensions			Media Area (m^2)	Air Flow (m^3/h)	Pressure Drop (Pa)
		Width (mm)	Length (mm)	Depth (mm)			
E10							
HFP-305/305/150-10APD2G	E10	305	305	150	3.1	150	35
HFP-457/457/150-10APD2G	E10	457	457	150	7.0	335	35
HFP-457/610/150-10APD2G	E10	457	610	150	9.4	450	35
HFP-305/610/150-10APD2G	E10	305	610	150	6.2	300	35
HFP-610/610/150-10APD2G	E10	610	610	150	12.5	600	35
HFP-610/915/150-10APD2G	E10	610	915	150	18.7	900	35
HFP-610/1220/150-10APD2G	E10	610	1220	150	25.0	1200	35
HFP-610/1524/150-10APD2G	E10	610	1524	150	31.2	1500	35
HFP-610/1830/150-10APD2G	E10	610	1830	150	37.5	1800	35
HFP-610/762/150-10APD2G	E10	610	762	150	15.6	750	35
HFP-762/762/150-10APD2G	E10	762	762	150	19.5	935	35
HFP-915/915/150-10APD2G	E10	915	915	150	28.1	1350	35
HFP-915/1220/150-10APD2G	E10	915	1220	150	37.5	1800	35
E11							
HFP-305/305/150-11APD2G	E11	305	305	150	3.1	150	45
HFP-457/457/150-11APD2G	E11	457	457	150	7.0	335	45

**** According to EN 1822

HFP SERIES ALUMINIUM PROFILE 150 mm

Part Number	Filter Class EN 1822	Dimensions			Media Area (m^2)	Air Flow (m^3/h)	Pressure Drop (Pa)
		Width (mm)	Length (mm)	Depth (mm)			
HFP-457/610/150-11APD2G	E11	457	610	150	9.4	450	45
HFP-305/610/150-11APD2G	E11	305	610	150	6.2	300	45
HFP-610/610/150-11APD2G	E11	610	610	150	12.5	600	45
HFP-610/915/150-11APD2G	E11	610	915	150	18.7	900	45
HFP-610/1220/150-11APD2G	E11	610	1220	150	25.0	1200	45
HFP-610/1524/150-11APD2G	E11	610	1524	150	31.2	1500	45
HFP-610/1830/150-11APD2G	E11	610	1830	150	37.5	1800	45
HFP-610/762/150-11APD2G	E11	610	762	150	15.6	750	45
HFP-762/762/150-11APD2G	E11	762	762	150	19.5	935	45
HFP-915/915/150-11APD2G	E11	915	915	150	28.1	1350	45
HFP-915/1220/150-11APD2G	E11	915	1220	150	37.5	1800	45
E12							
HFP-305/305/150-12APD2G	E12	305	305	150	3.1	150	75
HFP-457/457/150-12APD2G	E12	457	457	150	7.0	335	75
HFP-457/610/150-12APD2G	E12	457	610	150	9.4	450	75
HFP-305/610/150-12APD2G	E12	305	610	150	6.2	300	75
HFP-610/610/150-12APD2G	E12	610	610	150	12.5	600	75
HFP-610/915/150-12APD2G	E12	610	915	150	18.7	900	75
HFP-610/1220/150-12APD2G	E12	610	1220	150	25.0	1200	75
HFP-610/1524/150-12APD2G	E12	610	1524	150	31.2	1500	75
HFP-610/1830/150-12APD2G	E12	610	1830	150	37.5	1800	75
HFP-610/762/150-12APD2G	E12	610	762	150	15.6	750	75
HFP-762/762/150-12APD2G	E12	762	762	150	19.5	935	75
HFP-915/915/150-12APD2G	E12	915	915	150	28.1	1350	75
HFP-915/1220/150-12APD2G	E12	915	1220	150	37.5	1800	75
H13							
HFP-305/305/150-13APD2G	H13	305	305	150	3.1	150	90
HFP-457/457/150-13APD2G	H13	457	457	150	7.0	335	90
HFP-457/610/150-13APD2G	H13	457	610	150	9.4	450	90
HFP-305/610/150-13APD2G	H13	305	610	150	6.2	300	90
HFP-610/610/150-13APD2G	H13	610	610	150	12.5	600	90
HFP-610/915/150-13APD2G	H13	610	915	150	18.7	900	90
HFP-610/1220/150-13APD2G	H13	610	1220	150	25.0	1200	90
HFP-610/1524/150-13APD2G	H13	610	1524	150	31.2	1500	90
HFP-610/1830/150-13APD2G	H13	610	1830	150	37.5	1800	90

**** According to EN 1822

HFP SERIES ALUMINIUM PROFILE 150 mm

Part Number	Filter Class EN 1822	Dimensions			Media Area (m^2)	Air Flow (m^3/h)	Pressure Drop (Pa)
		Width (mm)	Length (mm)	Depth (mm)			
HFP-610/762/150-13APD2G	H13	610	762	150	15.6	750	90
HFP-762/762/150-13APD2G	H13	762	762	150	19.5	935	90
HFP-915/915/150-13APD2G	H13	915	915	150	28.1	1350	90
HFP-915/1220/150-13APD2G	H13	915	1220	150	37.5	1800	90
▸H14							
HFP-305/305/150-14APD2G	H14	305	305	150	3.1	150	100
HFP-457/457/150-14APD2G	H14	457	457	150	7.0	335	100
HFP-457/610/150-14APD2G	H14	457	610	150	9.4	450	100
HFP-305/610/150-14APD2G	H14	305	610	150	6.2	300	100
HFP-610/610/150-14APD2G	H14	610	610	150	12.5	600	100
HFP-610/915/150-14APD2G	H14	610	915	150	18.7	900	100
HFP-610/1220/150-14APD2G	H14	610	1220	150	25.0	1200	100
HFP-610/1524/150-14APD2G	H14	610	1524	150	31.2	1500	100
HFP-610/1830/150-14APD2G	H14	610	1830	150	37.5	1800	100
HFP-610/762/150-14APD2G	H14	610	762	150	15.6	750	100
HFP-762/762/150-14APD2G	H14	762	762	150	19.5	935	100
HFP-915/915/150-14APD2G	H14	915	915	150	28.1	1350	100
HFP-915/1220/150-14APD2G	H14	915	1220	150	37.5	1800	100
▸U15							
HFP-305/305/150-15APD2G	U15	305	305	150	3.1	150	120
HFP-457/457/150-15APD2G	U15	457	457	150	7.0	335	120
HFP-457/610/150-15APD2G	U15	457	610	150	9.4	450	120
HFP-305/610/150-15APD2G	U15	305	610	150	6.2	300	120
HFP-610/610/150-15APD2G	U15	610	610	150	12.5	600	120
HFP-610/915/150-15APD2G	U15	610	915	150	18.7	900	120
HFP-610/1220/150-15APD2G	U15	610	1220	150	25.0	1200	120
HFP-610/1524/150-15APD2G	U15	610	1524	150	31.2	1500	120
HFP-610/1830/150-15APD2G	U15	610	1830	150	37.5	1800	120
HFP-610/762/150-15APD2G	U15	610	762	150	15.6	750	120
HFP-762/762/150-15APD2G	U15	762	762	150	19.5	935	120
HFP-915/915/150-15APD2G	U15	915	915	150	28.1	1350	120
HFP-915/1220/150-15APD2G	U15	915	1220	150	37.5	1800	120

**** According to EN 1822

HFP SERIES MDF FRAME 150 mm

Media	Microglass Fiber
Frame	MDF
Final Pressure Drop	600 Pa
Operating Temperature	80 °C
Filter Efficiency**	E10-H14
Gasket	Flat Neoprene or Half Round Endless Polyurethane
Protection Grids	Optional
Separators	Hotmelt

Applications

- Air conditioning systems (Hospitals, Laboratories, Museums)
- Industrial processes (Pharmaceutical, Food, Microelectronics)

Part Number	Filter Class EN 1822	Dimensions			Media Area (m^2)	Air Flow (m^3/h)	Pressure Drop (Pa)
		Width (mm)	Length (mm)	Depth (mm)			
E10							
HFP-305/305/150-10PD	E10	305	305	150	3.1	850	250
HFP-457/457/150-10PD	E10	457	457	150	7.0	1900	250
HFP-457/610/150-10PD	E10	457	610	150	9.4	2550	250
HFP-305/610/150-10PD	E10	305	610	150	6.2	1700	250
HFP-610/610/150-10PD	E10	610	610	150	12.5	3400	250
HFP-610/915/150-10PD	E10	610	915	150	18.7	5100	250
HFP-610/1220/150-10PD	E10	610	1220	150	25.0	6800	250
HFP-610/1524/150-10PD	E10	610	1524	150	31.2	8500	250
HFP-610/1830/150-10PD	E10	610	1830	150	37.5	10200	250
HFP-610/762/150-10PD	E10	610	762	150	15.6	4250	250
HFP-762/762/150-10PD	E10	762	762	150	19.5	5300	250
HFP-915/915/150-10PD	E10	915	915	150	28.1	7650	250
HFP-915/1220/150-10PD	E10	915	1220	150	37.5	10200	250
E11							
HFP-305/305/150-11PD	E11	305	305	150	3.1	750	250
HFP-457/457/150-11PD	E11	457	457	150	7.0	1680	250

**** According to EN 1822

HFP SERIES MDF FRAME 150 mm

Part Number	Filter Class EN 1822	Dimensions			Media Area (m^2)	Air Flow (m^3/h)	Pressure Drop (Pa)
		Width (mm)	Length (mm)	Depth (mm)			
HFP-457/610/150-11PD	E11	457	610	150	9.4	2250	250
HFP-305/610/150-11PD	E11	305	610	150	6.2	1500	250
HFP-610/610/150-11PD	E11	610	610	150	12.5	3000	250
HFP-610/915/150-11PD	E11	610	915	150	18.7	4500	250
HFP-610/1220/150-11PD	E11	610	1220	150	25.0	6000	250
HFP-610/1524/150-11PD	E11	610	1524	150	31.2	7500	250
HFP-610/1830/150-11PD	E11	610	1830	150	37.5	9000	250
HFP-610/762/150-11PD	E11	610	762	150	15.6	3750	250
HFP-762/762/150-11PD	E11	762	762	150	19.5	4680	250
HFP-915/915/150-11PD	E11	915	915	150	28.1	6750	250
HFP-915/1220/150-11PD	E11	915	1220	150	37.5	9000	250
E12							
HFP-305/305/150-12PD	E12	305	305	150	3.1	490	250
HFP-457/457/150-12PD	E12	457	457	150	7.0	1100	250
HFP-457/610/150-12PD	E12	457	610	150	9.4	1450	250
HFP-305/610/150-12PD	E12	305	610	150	6.2	975	250
HFP-610/610/150-12PD	E12	610	610	150	12.5	1950	250
HFP-610/915/150-12PD	E12	610	915	150	18.7	2920	250
HFP-610/1220/150-12PD	E12	610	1220	150	25.0	3900	250
HFP-610/1524/150-12PD	E12	610	1524	150	31.2	4870	250
HFP-610/1830/150-12PD	E12	610	1830	150	37.5	5850	250
HFP-610/762/150-12PD	E12	610	762	150	15.6	2430	250
HFP-762/762/150-12PD	E12	762	762	150	19.5	3050	250
HFP-915/915/150-12PD	E12	915	915	150	28.1	4390	250
HFP-915/1220/150-12PD	E12	915	1220	150	37.5	5850	250
H13							
HFP-305/305/150-13PD	H13	305	305	150	3.1	375	250
HFP-457/457/150-13PD	H13	457	457	150	7.0	840	250
HFP-457/610/150-13PD	H13	457	610	150	9.4	1120	250
HFP-305/610/150-13PD	H13	305	610	150	6.2	750	250
HFP-610/610/150-13PD	H13	610	610	150	12.5	1500	250
HFP-610/915/150-13PD	H13	610	915	150	18.7	2250	250
HFP-610/1220/150-13PD	H13	610	1220	150	25.0	3000	250
HFP-610/1524/150-13PD	H13	610	1524	150	31.2	3750	250
HFP-610/1830/150-13PD	H13	610	1830	150	37.5	4500	250

**** According to EN 1822

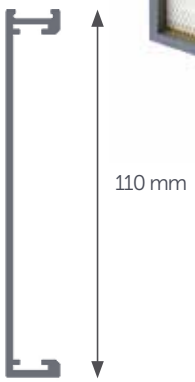
HFP SERIES MDF FRAME 150 mm

Part Number	Filter Class EN 1822	Dimensions			Media Area (m^2)	Air Flow (m^3/h)	Pressure Drop (Pa)
		Width (mm)	Length (mm)	Depth (mm)			
HFP-610/762/150-13PD	H13	610	762	150	15.6	1870	250
HFP-762/762/150-13PD	H13	762	762	150	19.5	2350	250
HFP-915/915/150-13PD	H13	915	915	150	28.1	3370	250
HFP-915/1220/150-13PD	H13	915	1220	150	37.5	4500	250
H14							
HFP-305/305/150-14PD	H14	305	305	150	3.1	325	250
HFP-457/457/150-14PD	H14	457	457	150	7.0	730	250
HFP-457/610/150-14PD	H14	457	610	150	9.4	975	250
HFP-305/610/150-14PD	H14	305	610	150	6.2	650	250
HFP-610/610/150-14PD	H14	610	610	150	12.5	1300	250
HFP-610/915/150-14PD	H14	610	915	150	18.7	1950	250
HFP-610/1220/150-14PD	H14	610	1220	150	25.0	2600	250
HFP-610/1524/150-14PD	H14	610	1524	150	31.2	3250	250
HFP-610/1830/150-14PD	H14	610	1830	150	37.5	3900	250
HFP-610/762/150-14PD	H14	610	762	150	15.6	1620	250
HFP-762/762/150-14PD	H14	762	762	150	19.5	2030	250
HFP-915/915/150-14PD	H14	915	915	150	28.1	2925	250
HFP-915/1220/150-14PD	H14	915	1220	150	37.5	3900	250

**** According to EN 1822

HFS SERIES ALUMINIUM PROFILE 110 mm

Media	Microglass Fiber
Frame	Extruded Anodized Aluminium
Final Pressure Drop	600 Pa
Operating Temperature	80 °C
Filter Efficiency**	E10-U15
Gasket	Half Round Endless Polyurethane
Protection Grids	Powder Coated Metal on Both Sides
Separators	Hotmelt



110 mm Aluminium Profile View

Applications

- Air conditioning systems (Hospitals, Laboratories, Museums)
- Industrial processes (Pharmaceutical, Food, Microelectronics)

Advantages

- HFS product line fully meets the requirements for VDI 6022

Part Number	Filter Class EN 1822	Dimensions			Media Area (m^2)	Air Flow (m^3/h)	Pressure Drop (Pa)
		Width (mm)	Length (mm)	Depth (mm)			
E10							
HFS-305/305/110-10APD2G	E10	305	305	110	4.5	150	30
HFS-457/457/110-10APD2G	E10	457	457	110	10.1	335	30
HFS-457/610/110-10APD2G	E10	457	610	110	13.5	450	30
HFS-305/610/110-10APD2G	E10	305	610	110	9.0	300	30
HFS-610/610/110-10APD2G	E10	610	610	110	18.0	600	30
HFS-610/915/110-10APD2G	E10	610	915	110	27.0	900	30
HFS-610/1220/110-10APD2G	E10	610	1220	110	36.0	1200	30
HFS-610/1524/110-10APD2G	E10	610	1524	110	44.9	1500	30
HFS-610/1830/110-10APD2G	E10	610	1830	110	54.0	1800	30
HFS-610/762/110-10APD2G	E10	610	762	110	22.5	750	30
HFS-762/762/110-10APD2G	E10	762	762	110	28.1	935	30
HFS-915/915/110-10APD2G	E10	915	915	110	40.5	1350	30
HFS-915/1220/110-10APD2G	E10	915	1220	110	54.0	1800	30
E11							
HFS-305/305/110-11APD2G	E11	305	305	110	4.5	150	45
HFS-457/457/110-11APD2G	E11	457	457	110	10.1	335	45

**** According to EN 1822

HFS SERIES ALUMINIUM PROFILE 110 mm

Part Number	Filter Class EN 1822	Dimensions			Media Area (m^2)	Air Flow (m^3/h)	Pressure Drop (Pa)
		Width (mm)	Length (mm)	Depth (mm)			
HFS-457/610/110-11APD2G	E11	457	610	110	13.5	450	45
HFS-305/610/110-11APD2G	E11	305	610	110	9.0	300	45
HFS-610/610/110-11APD2G	E11	610	610	110	18.0	600	45
HFS-610/915/110-11APD2G	E11	610	915	110	27.0	900	45
HFS-610/1220/110-11APD2G	E11	610	1220	110	36.0	1200	45
HFS-610/1524/110-11APD2G	E11	610	1524	110	44.9	1500	45
HFS-610/1830/110-11APD2G	E11	610	1830	110	54.0	1800	45
HFS-610/762/110-11APD2G	E11	610	762	110	22.5	750	45
HFS-762/762/110-11APD2G	E11	762	762	110	28.1	935	45
HFS-915/915/110-11APD2G	E11	915	915	110	40.5	1350	45
HFS-915/1220/110-11APD2G	E11	915	1220	110	54.0	1800	45
E12							
HFS-305/305/110-12APD2G	E12	305	305	110	4.5	150	60
HFS-457/457/110-12APD2G	E12	457	457	110	10.1	335	60
HFS-457/610/110-12APD2G	E12	457	610	110	13.5	450	60
HFS-305/610/110-12APD2G	E12	305	610	110	9.0	300	60
HFS-610/610/110-12APD2G	E12	610	610	110	18.0	600	60
HFS-610/915/110-12APD2G	E12	610	915	110	27.0	900	60
HFS-610/1220/110-12APD2G	E12	610	1220	110	36.0	1200	60
HFS-610/1524/110-12APD2G	E12	610	1524	110	44.9	1500	60
HFS-610/1830/110-12APD2G	E12	610	1830	110	54.0	1800	60
HFS-610/762/110-12APD2G	E12	610	762	110	22.5	750	60
HFS-762/762/110-12APD2G	E12	762	762	110	28.1	935	60
HFS-915/915/110-12APD2G	E12	915	915	110	40.5	1350	60
HFS-915/1220/110-12APD2G	E12	915	1220	110	54.0	1800	60
H13							
HFS-305/305/110-13APD2G	H13	305	305	110	4.5	150	75
HFS-457/457/110-13APD2G	H13	457	457	110	10.1	335	75
HFS-457/610/110-13APD2G	H13	457	610	110	13.5	450	75
HFS-305/610/110-13APD2G	H13	305	610	110	9.0	300	75
HFS-610/610/110-13APD2G	H13	610	610	110	18.0	600	75
HFS-610/915/110-13APD2G	H13	610	915	110	27.0	900	75
HFS-610/1220/110-13APD2G	H13	610	1220	110	36.0	1200	75
HFS-610/1524/110-13APD2G	H13	610	1524	110	44.9	1500	75
HFS-610/1830/110-13APD2G	H13	610	1830	110	54.0	1800	75

**** According to EN 1822

HFS SERIES ALUMINIUM PROFILE 110 mm

Part Number	Filter Class EN 1822	Dimensions			Media Area (m^2)	Air Flow (m^3/h)	Pressure Drop (Pa)
		Width (mm)	Length (mm)	Depth (mm)			
HFS-610/762/110-13APD2G	H13	610	762	110	22.5	750	75
HFS-762/762/110-13APD2G	H13	762	762	110	28.1	935	75
HFS-915/915/110-13APD2G	H13	915	915	110	40.5	1350	75
HFS-915/1220/110-13APD2G	H13	915	1220	110	54.0	1800	75
H14							
HFS-305/305/110-14APD2G	H14	305	305	110	4.5	150	85
HFS-457/457/110-14APD2G	H14	457	457	110	10.1	335	85
HFS-457/610/110-14APD2G	H14	457	610	110	13.5	450	85
HFS-305/610/110-14APD2G	H14	305	610	110	9.0	300	85
HFS-610/610/110-14APD2G	H14	610	610	110	18.0	600	85
HFS-610/915/110-14APD2G	H14	610	915	110	27.0	900	85
HFS-610/1220/110-14APD2G	H14	610	1220	110	36.0	1200	85
HFS-610/1524/110-14APD2G	H14	610	1524	110	44.9	1500	85
HFS-610/1830/110-14APD2G	H14	610	1830	110	54.0	1800	85
HFS-610/762/110-14APD2G	H14	610	762	110	22.5	750	85
HFS-762/762/110-14APD2G	H14	762	762	110	28.1	935	85
HFS-915/915/110-14APD2G	H14	915	915	110	40.5	1350	85
HFS-915/1220/110-14APD2G	H14	915	1220	110	54.0	1800	85
U15							
HFS-305/305/110-15APD2G	U15	305	305	110	4.5	150	100
HFS-457/457/110-15APD2G	U15	457	457	110	10.1	335	100
HFS-457/610/110-15APD2G	U15	457	610	110	13.5	450	100
HFS-305/610/110-15APD2G	U15	305	610	110	9.0	300	100
HFS-610/610/110-15APD2G	U15	610	610	110	18.0	600	100
HFS-610/915/110-15APD2G	U15	610	915	110	27.0	900	100
HFS-610/1220/110-15APD2G	U15	610	1220	110	36.0	1200	100
HFS-610/1524/110-15APD2G	U15	610	1524	110	44.9	1500	100
HFS-610/1830/110-15APD2G	U15	610	1830	110	54.0	1800	100
HFS-610/762/110-15APD2G	U15	610	762	110	22.5	750	100
HFS-762/762/110-15APD2G	U15	762	762	110	28.1	935	100
HFS-915/915/110-15APD2G	U15	915	915	110	40.5	1350	100
HFS-915/1220/110-15APD2G	U15	915	1220	110	54.0	1800	100

**** According to EN 1822

HFS SERIES ALUMINIUM PROFILE 150 mm

Media	Microglass Fiber
Frame	Extruded Anodized Aluminium
Final Pressure Drop	600 Pa
Operating Temperature	80 °C
Filter Efficiency**	E10-U15
Gasket	Half Round Endless Polyurethane
Protection Grids	Powder Coated Metal on Both Sides
Separators	Hotmelt

150 mm Aluminium Profile View

Applications

- Air conditioning systems (Hospitals, Laboratories, Museums)
- Industrial processes (Pharmaceutical, Food, Microelectronics)

Advantages

- HFS product line fully meets the requirements for VDI 6022

Part Number	Filter Class EN 1822	Dimensions			Media Area (m^2)	Air Flow (m^3/h)	Pressure Drop (Pa)
		Width (mm)	Length (mm)	Depth (mm)			
E10							
HFS-305/305/150-10APD2G	E10	305	305	150	4.5	150	30
HFS-457/457/150-10APD2G	E10	457	457	150	10.1	335	30
HFS-457/610/150-10APD2G	E10	457	610	150	13.5	450	30
HFS-305/610/150-10APD2G	E10	305	610	150	9.0	300	30
HFS-610/610/15010APD2G	E10	610	610	150	18.0	600	30
HFS-610/915/150-10APD2G	E10	610	915	150	27.0	900	30
HFS-610/1220/150-10APD2G	E10	610	1220	150	36.0	1200	30
HFS-610/1524/150-10APD2G	E10	610	1524	150	44.9	1500	30
HFS-610/1830/150-10APD2G	E10	610	1830	150	54.0	1800	30
HFS-610/762/150-10APD2G	E10	610	762	150	22.5	750	30
HFS-762/762/150-10APD2G	E10	762	762	150	28.1	935	30
HFS-915/915/150-10APD2G	E10	915	915	150	40.5	1350	30
HFS-915/1220/150-10APD2G	E10	915	1220	150	54.0	1800	30
E11							
HFS-305/305/150-11APD2G	E11	305	305	150	4.5	150	35
HFS-457/457/150-11APD2G	E11	457	457	150	10.1	335	35

**** According to EN 1822

HFS SERIES ALUMINIUM PROFILE 150 mm

Part Number	Filter Class EN 1822	Dimensions			Media Area (m^2)	Air Flow (m^3/h)	Pressure Drop (Pa)
		Width (mm)	Length (mm)	Depth (mm)			
HFS-457/610/150-11APD2G	E11	457	610	150	13.5	450	35
HFS-305/610/150-11APD2G	E11	305	610	150	9.0	300	35
HFS-610/610/15011APD2G	E11	610	610	150	18.0	600	35
HFS-610/915/150-11APD2G	E11	610	915	150	27.0	900	35
HFS-610/1220/150-11APD2G	E11	610	1220	150	36.0	1200	35
HFS-610/1524/150-11APD2G	E11	610	1524	150	44.9	1500	35
HFS-610/1830/150-11APD2G	E11	610	1830	150	54.0	1800	35
HFS-610/762/150-11APD2G	E11	610	762	150	22.5	750	35
HFS-762/762/150-11APD2G	E11	762	762	150	28.1	935	35
HFS-915/915/150-11APD2G	E11	915	915	150	40.5	1350	35
HFS-915/1220/150-11APD2G	E11	915	1220	150	54.0	1800	35
E12							
HFS-305/305/150-12APD2G	E12	305	305	150	4.5	150	60
HFS-457/457/150-12APD2G	E12	457	457	150	10.1	335	60
HFS-457/610/150-12APD2G	E12	457	610	150	13.5	450	60
HFS-305/610/150-12APD2G	E12	305	610	150	9.0	300	60
HFS-610/610/15012APD2G	E12	610	610	150	18.0	600	60
HFS-610/915/150-12APD2G	E12	610	915	150	27.0	900	60
HFS-610/1220/150-12APD2G	E12	610	1220	150	36.0	1200	60
HFS-610/1524/150-12APD2G	E12	610	1524	150	44.9	1500	60
HFS-610/1830/150-12APD2G	E12	610	1830	150	54.0	1800	60
HFS-610/762/150-12APD2G	E12	610	762	150	22.5	750	60
HFS-762/762/150-12APD2G	E12	762	762	150	28.1	935	60
HFS-915/915/150-12APD2G	E12	915	915	150	40.5	1350	60
HFS-915/1220/150-12APD2G	E12	915	1220	150	54.0	1800	60
H13							
HFS-305/305/15013APD2G	H13	305	305	150	4.5	150	75
HFS-457/457/150-13APD2G	H13	457	457	150	10.1	335	75
HFS-457/610/150-13APD2G	H13	457	610	150	13.5	450	75
HFS-305/610/150-13APD2G	H13	305	610	150	9.0	300	75
HFS-610/610/150-13APD2G	H13	610	610	150	18.0	600	75
HFS-610/915/150-13APD2G	H13	610	915	150	27.0	900	75
HFS-610/1220/150-13APD2G	H13	610	1220	150	36.0	1200	75
HFS-610/1524/150-13APD2G	H13	610	1524	150	44.9	1500	75
HFS-610/1830/150-13APD2G	H13	610	1830	150	54.0	1800	75

**** According to EN 1822

HFS SERIES ALUMINIUM PROFILE 150 mm

Part Number	Filter Class EN 1822	Dimensions			Media Area (m^2)	Air Flow (m^3/h)	Pressure Drop (Pa)
		Width (mm)	Length (mm)	Depth (mm)			
HFS-610/762/150-13APD2G	H13	610	762	150	22.5	750	75
HFS-762/762/150-13APD2G	H13	762	762	150	28.1	935	75
HFS-915/915/150-13APD2G	H13	915	915	150	40.5	1350	75
HFS-915/1220/150-13APD2G	H13	915	1220	150	54.0	1800	75
H14							
HFS-305/305/150-14APD2G	H14	305	305	150	4.5	150	85
HFS-457/457/150-14APD2G	H14	457	457	150	10.1	335	85
HFS-457/610/150-14APD2G	H14	457	610	150	13.5	450	85
HFS-305/610/150-14APD2G	H14	305	610	150	9.0	300	85
HFS-610/610/150-14APD2G	H14	610	610	150	18.0	600	85
HFS-610/915/150-14APD2G	H14	610	915	150	27.0	900	85
HFS-610/1220/150-14APD2G	H14	610	1220	150	36.0	1200	85
HFS-610/1524/150-14APD2G	H14	610	1524	150	44.9	1500	85
HFS-610/1830/150-14APD2G	H14	610	1830	150	54.0	1800	85
HFS-610/762/150-14APD2G	H14	610	762	150	22.5	750	85
HFS-762/762/150-14APD2G	H14	762	762	150	28.1	935	85
HFS-915/915/150-14APD2G	H14	915	915	150	40.5	1350	85
HFS-915/1220/150-14APD2G	H14	915	1220	150	54.0	1800	85
U15							
HFS-305/305/150-15APD2G	U15	305	305	150	4.5	150	100
HFS-457/457/150-15APD2G	U15	457	457	150	10.1	335	100
HFS-457/610/150-15APD2G	U15	457	610	150	13.5	450	100
HFS-305/610/150-15APD2G	U15	305	610	150	9.0	300	100
HFS-610/610/150-15APD2G	U15	610	610	150	18.0	600	100
HFS-610/915/150-15APD2G	U15	610	915	150	27.0	900	100
HFS-610/1220/150-15APD2G	U15	610	1220	150	36.0	1200	100
HFS-610/1524/150-15APD2G	U15	610	1524	150	44.9	1500	100
HFS-610/1830/150-15APD2G	U15	610	1830	150	54.0	1800	100
HFS-610/762/150-15APD2G	U15	610	762	150	22.5	750	100
HFS-762/762/150-15APD2G	U15	762	762	150	28.1	935	100
HFS-915/915/150-15APD2G	U15	915	915	150	40.5	1350	100
HFS-915/1220/150-15APD2G	U15	915	1220	150	54.0	1800	100

**** According to EN 1822

HFS SERIES MDF FRAME 150 mm

Media	Microglass Fiber
Frame	MDF
Final Pressure Drop	600 Pa
Operating Temperature	80 °C
Filter Efficiency**	E10-H14
Gasket	Flat Neoprene or Half Round Endless Polyurethane
Protection Grids	Optional
Separators	Hotmelt

Applications

- Air conditioning systems (Hospitals, Laboratories, Museums)
- Industrial processes (Pharmaceutical, Food, Microelectronics)

Part Number	Filter Class EN 1822	Dimensions			Media Area (m^2)	Air Flow (m^3/h)	Pressure Drop (Pa)
		Width (mm)	Length (mm)	Depth (mm)			
E10							
HFS-305/305/150-10PD	E10	305	305	150	4.5	900	250
HFS-457/457/150-10PD	E10	457	457	150	10.1	2000	250
HFS-457/610/150-10PD	E10	457	610	150	13.5	2700	250
HFS-305/610/150-10PD	E10	305	610	150	9.0	1800	250
HFS-610/610/150-10PD	E10	610	610	150	18.0	3600	250
HFS-610/915/150-10PD	E10	610	915	150	27.0	5400	250
HFS-610/1220/150-10PD	E10	610	1220	150	36.0	7200	250
HFS-610/1524/150-10PD	E10	610	1524	150	44.9	9000	250
HFS-610/1830/150-10PD	E10	610	1830	150	54.0	10800	250
HFS-610/762/150-10PD	E10	610	762	150	22.5	4500	250
HFS-762/762/150-10PD	E10	762	762	150	28.1	5600	250
HFS-915/915/150-10PD	E10	915	915	150	40.5	8100	250
HFS-915/1220/150-10PD	E10	915	1220	150	54.0	10800	250
E11							
HFS-305/305/150-11PD	E11	305	305	150	4.5	775	250
HFS-457/457/150-11PD	E11	457	457	150	10.1	1750	250

**** According to EN 1822

HFS SERIES MDF FRAME 150 mm

Part Number	Filter Class EN 1822	Dimensions			Media Area (m^2)	Air Flow (m^3/h)	Pressure Drop (Pa)
		Width (mm)	Length (mm)	Depth (mm)			
HFS-457/610/150-11PD	E11	457	610	150	13.5	2320	250
HFS-305/610/150-11PD	E11	305	610	150	9.0	1550	250
HFS-610/610/150-11PD	E11	610	610	150	18.0	3100	250
HFS-610/915/150-11PD	E11	610	915	150	27.0	4650	250
HFS-610/1220/150-11PD	E11	610	1220	150	36.0	6200	250
HFS-610/1524/150-11PD	E11	610	1524	150	44.9	7750	250
HFS-610/1830/150-11PD	E11	610	1830	150	54.0	9300	250
HFS-610/762/150-11PD	E11	610	762	150	22.5	3870	250
HFS-762/762/150-11PD	E11	762	762	150	28.1	4850	250
HFS-915/915/150-11PD	E11	915	915	150	40.5	6975	250
HFS-915/1220/150-11PD	E11	915	1220	150	54.0	9300	250
E12							
HFS-305/305/150-12PD	E12	305	305	150	4.5	560	250
HFS-457/457/150-12PD	E12	457	457	150	10.1	1260	250
HFS-457/610/150-12PD	E12	457	610	150	13.5	1680	250
HFS-305/610/150-12PD	E12	305	610	150	9.0	1120	250
HFS-610/610/150-12PD	E12	610	610	150	18.0	2250	250
HFS-610/915/150-12PD	E12	610	915	150	27.0	3380	250
HFS-915/1220/150-12PD	E12	915	1220	150	36.0	4500	250
HFS-610/1524/150-12PD	E12	610	1524	150	44.9	5620	250
HFS-610/1830/150-12PD	E12	610	1830	150	54.0	6750	250
HFS-610/762/150-12PD	E12	610	762	150	22.5	2800	250
HFS-762/762/150-12PD	E12	762	762	150	28.1	3500	250
HFS-915/915/150-12PD	E12	915	915	150	40.5	5060	250
HFS-915/1220/150-12PD	E12	915	1220	150	54.0	6750	250
H13							
HFS-305/305/150-13PD	H13	305	305	150	4.5	475	250
HFS-457/457/150-13PD	H13	457	457	150	10.1	1065	250
HFS-457/610/150-13PD	H13	457	610	150	13.5	1420	250
HFS-305/610/150-13PD	H13	305	610	150	9.0	950	250
HFS-610/610/150-13PD	H13	610	610	150	18.0	1900	250
HFS-610/915/150-13PD	H13	610	915	150	27.0	2850	250
HFS-610/1220/150-13PD	H13	610	1220	150	36.0	3800	250
HFS-610/1524/150-13PD	H13	610	1524	150	44.9	4750	250
HFS-610/1830/150-13PD	H13	610	1830	150	54.0	5700	250

**** According to EN 1822

HFS SERIES MDF FRAME 150 mm

Part Number	Filter Class EN 1822	Dimensions			Media Area (m^2)	Air Flow (m^3/h)	Pressure Drop (Pa)
		Width (mm)	Length (mm)	Depth (mm)			
HFS-610/762/150-13PD	H13	610	762	150	22.5	2370	250
HFS-762/762/150-13PD	H13	762	762	150	28.1	2960	250
HFS-915/915/150-13PD	H13	915	915	150	40.5	4275	250
HFS-915/1220/150-13PD	H13	915	1220	150	54.0	5700	250
H14							
HFS-305/305/150-14PD	H14	305	305	150	4.5	400	250
HFS-457/457/150-14PD	H14	457	457	150	10.1	900	250
HFS-457/610/150-14PD	H14	457	610	150	13.5	1200	250
HFS-305/610/150-14PD	H14	305	610	150	9.0	800	250
HFS-610/610/150-14PD	H14	610	610	150	18.0	1600	250
HFS-610/915/150-14PD	H14	610	915	150	27.0	2400	250
HFS-610/1220/150-14PD	H14	610	1220	150	36.0	3200	250
HFS-610/1524/150-14PD	H14	610	1524	150	44.9	4000	250
HFS-610/1830/150-14PD	H14	610	1830	150	54.0	4800	250
HFS-610/762/150-14PD	H14	610	762	150	22.5	2000	250
HFS-762/762/150-14PD	H14	762	762	150	28.1	2500	250
HFS-915/915/150-14PD	H14	915	915	150	40.5	3600	250
HFS-915/1220/150-14PD	H14	915	1220	150	54.0	4800	250

**** According to EN 1822

HFH SERIES MDF FRAME 292 mm

Media	Microglass Fiber
Frame	MDF
Final Pressure Drop	600 Pa
Operating Temperature	80 °C
Filter Efficiency**	E10-H14
Gasket	Flat Neoprene or Half Round Endless Polyurethane
Protection Grids	Optional
Separators	Hotmelt

Applications

- Air conditioning systems (Hospitals, Laboratories, Museums)
- Industrial processes (Pharmaceutical, Food, Microelectronics)

Part Number	Filter Class EN 1822	Dimensions			Media Area (m^2)	Air Flow (m^3/h)	Pressure Drop (Pa)
		Width (mm)	Length (mm)	Depth (mm)			
E10							
HFH-305/305/292-10PD	E10	305	305	292	5.6	1050	250
HFH-457/457/292-10PD	E10	457	457	292	12.6	2360	250
HFH-305/610/292-10PD	E10	305	610	292	11.2	2100	250
HFH-457/610/292-10PD	E10	457	610	292	16.8	3150	250
HFH-610/610/292-10PD	E10	610	610	292	22.4	4200	250
E11							
HFH-305/305/292-11PD	E11	305	305	292	5.6	800	250
HFH-457/457/292-11PD	E11	457	457	292	12.6	1800	250
HFH-305/610/292-11PD	E11	305	610	292	11.2	1600	250
HFH-457/610/292-11PD	E11	457	610	292	16.8	2400	250
HFH-610/610/292-11PD	E11	610	610	292	22.4	3200	250
E12							
HFH-305/305/292-12PD	E12	305	305	292	5.6	650	250
HFH-457/457/292-12PD	E12	457	457	292	12.6	1500	250
HFH-305/610/292-12PD	E12	305	610	292	11.2	1300	250
HFH-457/610/292-12PD	E12	457	610	292	16.8	1950	250
HFH-610/610/292-12PD	E12	610	610	292	22.4	2600	250

**** According to EN 1822

HFH SERIES MDF FRAME 292 mm

Part Number	Filter Class EN 1822	Dimensions			Media Area (m^2)	Air Flow (m^3/h)	Pressure Drop (Pa)
		Width (mm)	Length (mm)	Depth (mm)			
H13							
HFH-305/305/292-13PD	H13	305	305	292	5.6	600	250
HFH-457/457/292-13PD	H13	457	457	292	12.6	1350	250
HFH-305/610/292-13PD	H13	305	610	292	11.2	1200	250
HFH-457/610/292-13PD	H13	457	610	292	16.8	1800	250
HFH-610/610/292-13PD	H13	610	610	292	22.4	2400	250
H14							
HFH-305/305/292-14PD	H14	305	305	292	5.6	550	250
HFH-457/457/292-14PD	H14	457	457	292	12.6	1210	250
HFH-305/610/292-14PD	H14	305	610	292	11.2	1075	250
HFH-457/610/292-14PD	H14	457	610	292	16.8	1610	250
HFH-610/610/292-14PD	H14	610	610	292	22.4	2150	250

**** According to EN 1822

HFH SERIES SHEET METAL FRAME 292 mm

Media	Microglass Fiber
Frame	Galvanized Steel, Aluminium, Stainless Steel
Final Pressure Drop	600 Pa
Operating Temperature	80 °C
Filter Efficiency**	E10-H14
Gasket	Flat Neoprene or Half Round Endless Polyurethane
Protection Grids	Optional
Separators	Hotmelt

Applications

- Air conditioning systems (Hospitals, Laboratories, Museums)
- Industrial processes (Pharmaceutical, Food, Microelectronics)

Advantages

- HFH product line fully meets the requirements for VDI 6022

Part Number	Filter Class EN 1822	Dimensions			Media Area (m^2)	Air Flow (m^3/h)	Pressure Drop (Pa)
		Width (mm)	Length (mm)	Depth (mm)			
E10							
HFH-305/305/292-10GD	E10	305	305	292	5.6	1050	250
HFH-457/457/292-10GD	E10	457	457	292	12.6	2360	250
HFH-305/610/292-10GD	E10	305	610	292	11.2	2100	250
HFH-457/610/292-10GD	E10	457	610	292	16.8	3150	250
HFH-610/610/292-10GD	E10	610	610	292	22.4	4200	250
E11							
HFH-305/305/292-11GD	E11	305	305	292	5.6	800	250
HFH-457/457/292-11GD	E11	457	457	292	12.6	1800	250
HFH-305/610/292-11GD	E11	305	610	292	11.2	1600	250
HFH-457/610/292-11GD	E11	457	610	292	16.8	2400	250
HFH-610/610/292-11GD	E11	610	610	292	22.4	3200	250
E12							
HFH-305/305/292-12GD	E12	305	305	292	5.6	650	250
HFH-457/457/292-12GD	E12	457	457	292	12.6	1500	250
HFH-305/610/292-12GD	E12	305	610	292	11.2	1300	250
HFH-457/610/292-12GD	E12	457	610	292	16.8	1950	250
HFH-610/610/292-12GD	E12	610	610	292	22.4	2600	250

**** According to EN 1822

HFH SERIES SHEET METAL FRAME 292 mm

Part Number	Filter Class EN 1822	Dimensions			Media Area (m^2)	Air Flow (m^3/h)	Pressure Drop (Pa)
		Width (mm)	Length (mm)	Depth (mm)			
H13							
HFH-305/305/292-13GD	H13	305	305	292	5.6	600	250
HFH-457/457/292-13GD	H13	457	457	292	12.6	1350	250
HFH-305/610/292-13GD	H13	305	610	292	11.2	1200	250
HFH-457/610/292-13GD	H13	457	610	292	16.8	1800	250
HFH-610/610/292-13GD	H13	610	610	292	22.4	2400	250
H14							
HFH-305/305/292-14GD	H14	305	305	292	5.6	550	250
HFH-457/457/292-14GD	H14	457	457	292	12.6	1210	250
HFH-305/610/292-14GD	H14	305	610	292	11.2	1075	250
HFH-457/610/292-14GD	H14	457	610	292	16.8	1610	250
HFH-610/610/292-14GD	H14	610	610	292	22.4	2150	250

**** According to EN 1822

HFX SERIES MDF FRAME 292 mm

Media	Microglass Fiber
Frame	MDF
Final Pressure Drop	600 Pa
Operating Temperature	80 °C
Filter Efficiency**	E10-H14
Gasket	Flat Neoprene or Half Round Endless Polyurethane
Protection Grids	Optional
Separators	Hotmelt

Applications

- Air conditioning systems (Hospitals, Laboratories, Museums)
- Industrial processes (Pharmaceutical, Food, Microelectronics)

Part Number	Filter Class EN 1822	Dimensions			Media Area (m^2)	Air Flow (m^3/h)	Pressure Drop (Pa)
		Width (mm)	Length (mm)	Depth (mm)			
E10							
HFX-305/305/292-10PD	E10	305	305	292	6.2	1100	250
HFX-457/457/292-10PD	E10	457	457	292	14.0	2470	250
HFX-305/610/292-10PD	E10	305	610	292	12.5	2200	250
HFX-457/610/292-10PD	E10	457	610	292	18.6	3300	250
HFX-610/610/292-10PD	E10	610	610	292	25.0	4400	250
E11							
HFX-305/305/292-11PD	E11	305	305	292	6.2	850	250
HFX-457/457/292-11PD	E11	457	457	292	14.0	1900	250
HFX-305/610/292-11PD	E11	305	610	292	12.5	1700	250
HFX-457/610/292-11PD	E11	457	610	292	18.6	2550	250
HFX-610/610/292-11PD	E11	610	610	292	25.0	3400	250
E12							
HFX-305/305/292-12PD	E12	305	305	292	6.2	700	250
HFX-457/457/292-12PD	E12	457	457	292	14.0	1570	250
HFX-305/610/292-12PD	E12	305	610	292	12.5	1400	250
HFX-457/610/292-12PD	E12	457	610	292	18.6	2100	250
HFX-610/610/292-12PD	E12	610	610	292	25.0	2800	250

**** According to EN 1822

HFX SERIES MDF FRAME 292 mm

Part Number	Filter Class EN 1822	Dimensions			Media Area (m^2)	Air Flow (m^3/h)	Pressure Drop (Pa)
		Width (mm)	Length (mm)	Depth (mm)			
H13							
HFX-305/305/292-13PD	H13	305	305	292	6.2	630	250
HFX-457/457/292-13PD	H13	457	457	292	14.0	1415	250
HFX-305/610/292-13PD	H13	305	610	292	12.5	1260	250
HFX-457/610/292-13PD	H13	457	610	292	18.6	1900	250
HFX-610/610/292-13PD	H13	610	610	292	25.0	2500	250
H14							
HFX-305/305/292-14PD	H14	305	305	292	6.2	565	250
HFX-457/457/292-14PD	H14	457	457	292	14.0	1280	250
HFX-305/610/292-14PD	H14	305	610	292	12.5	1130	250
HFX-457/610/292-14PD	H14	457	610	292	18.6	1700	250
HFX-610/610/292-14PD	H14	610	610	292	25.0	2260	250

**** According to EN 1822

HFX SERIES SHEET METAL FRAME 292 mm

Media	Microglass Fiber
Frame	Galvanized Steel, Aluminium, Stainless Steel
Final Pressure Drop	600 Pa
Operating Temperature	80 °C
Filter Efficiency**	E10-H14
Gasket	Flat Neoprene or Half Round Endless Polyurethane
Protection Grids	Optional
Separators	Hotmelt

Applications

- Air conditioning systems (Hospitals, Laboratories, Museums)
- Industrial processes (Pharmaceutical, Food, Microelectronics)

Advantages

- HFX product line fully meets the requirements for VDI 6022

Part Number	Filter Class EN 1822	Dimensions			Media Area (m^2)	Air Flow (m^3/h)	Pressure Drop (Pa)
		Width (mm)	Length (mm)	Depth (mm)			
E10							
HFX-305/305/292-10GD	E10	305	305	292	6.2	1100	250
HFX-457/457/292-10GD	E10	457	457	292	14.0	2470	250
HFX-305/610/292-10GD	E10	305	610	292	12.5	2200	250
HFX-457/610/292-10GD	E10	457	610	292	18.6	3300	250
HFX-610/610/292-10GD	E10	610	610	292	25.0	4400	250
E11							
HFX-305/305/292-11GD	E11	305	305	292	6.2	850	250
HFX-457/457/292-11GD	E11	457	457	292	14.0	1900	250
HFX-305/610/292-11GD	E11	305	610	292	12.5	1700	250
HFX-457/610/292-11GD	E11	457	610	292	18.6	2550	250
HFX-610/610/292-11GD	E11	610	610	292	25.0	3400	250
E12							
HFX-305/305/292-12GD	E12	305	305	292	6.2	700	250
HFX-457/457/292-12GD	E12	457	457	292	14.0	1570	250
HFX-305/610/292-12GD	E12	305	610	292	12.5	1400	250
HFX-457/610/292-12GD	E12	457	610	292	18.6	2100	250
HFX-610/610/292-12GD	E12	610	610	292	25.0	2800	250

**** According to EN 1822

HFX SERIES SHEET METAL FRAME 292 mm

Part Number	Filter Class EN 1822	Dimensions			Media Area (m^2)	Air Flow (m^3/h)	Pressure Drop (Pa)
		Width (mm)	Length (mm)	Depth (mm)			
H13							
HFX-305/305/292-13GD	H13	305	305	292	6.2	630	250
HFX-457/457/292-13GD	H13	457	457	292	14.0	1415	250
HFX-305/610/292-13GD	H13	305	610	292	12.5	1260	250
HFX-457/610/292-13GD	H13	457	610	292	18.6	1900	250
HFX-610/610/292-13GD	H13	610	610	292	25.0	2500	250
H14							
HFX-305/305/292-14GD	H14	305	305	292	6.2	565	250
HFX-457/457/292-14GD	H14	457	457	292	14.0	1280	250
HFX-305/610/292-14GD	H14	305	610	292	12.5	1130	250
HFX-457/610/292-14GD	H14	457	610	292	18.6	1700	250
HFX-610/610/292-14GD	H14	610	610	292	25.0	2260	250

**** According to EN 1822

MV HEPA SERIES PLASTIC FRAME 292 mm

Media	Microglass Fiber
Frame	Plastic (PS)
Final Pressure Drop	600 Pa
Operating Temperature	80 °C
Filter Efficiency**	E10-H13
Gasket	Flat Neoprene or Half Round Endless Polyurethane
Protection Grids	Optional
Separators	Hotmelt

Applications

- Air conditioning systems (Hospitals, Laboratories, Museums)
- Industrial processes (Pharmaceutical, Food, Microelectronics)

Advantages

- Incinerable
- Rigid frame
- MV product line fully meets the requirements for VDI 6022

Part Number	Filter Class EN 1822	Dimensions			Media Area (m^2)	Air Flow (m^3/h)	Pressure Drop (Pa)
		Width (mm)	Length (mm)	Depth (mm)			
E10							
MV-H10-01	E10	292	592	292	8.5	1700	170
MV-H10-02	E10	492	592	292	15.0	2800	170
MV-H10-03	E10	592	592	292	18.0	3400	170
E11							
MV-H11-01	E11	292	592	292	8.5	1700	200
MV-H11-02	E11	492	592	292	15.0	2800	200
MV-H11-03	E11	592	592	292	18.0	3400	200
E12							
MV-H12-01	E12	292	592	292	8.5	1250	240
MV-H12-02	E12	492	592	292	15.0	2100	240
MV-H12-03	E12	592	592	292	18.0	2500	240
H13							
MV-H13-01	H13	292	592	292	8.5	1250	280
MV-H13-02	H13	492	592	292	15.0	2100	280
MV-H13-03	H13	592	592	292	18.0	2500	280

**** According to EN 1822

MVH SERIES PLASTIC FRAME 292 mm

Media	Microglass Fiber
Frame	Plastic (PS)
Final Pressure Drop	600 Pa
Operating Temperature	80 °C
Filter Efficiency**	E10-H14
Gasket	Flat Neoprene or Half Round Endless Polyurethane
Protection Grids	Optional
Separators	Hotmelt

Applications

- Air conditioning systems (Hospitals, Laboratories, Museums)
- Industrial processes (Pharmaceutical, Food, Microelectronics)

Advantages

- Incinerable
- Light frame
- MVH product line fully meets the requirements for VDI 6022

Part Number	Filter Class EN 1822	Dimensions			Media Area (m^2)	Air Flow (m^3/h)	Pressure Drop (Pa)
		Width (mm)	Length (mm)	Depth (mm)			
E10							
MVH-305/610/292-10PKD	E10	305	610	292	16.0	2500	250
MVH-610/610/292-10PKD	E10	610	610	292	32.0	5000	250
E11							
MVH-305/610/292-11PKD	E11	305	610	292	17.5	2350	250
MVH-610/610/292-11PKD	E11	610	610	292	32.0	4700	250
E12							
MVH-305/610/292-12PKD	E12	305	610	292	17.5	1800	250
MVH-610/610/292-12PKD	E12	610	610	292	32.0	3600	250
H13							
MVH-305/610/292-13PKD	H13	305	610	292	17.5	1700	250
MVH-610/610/292-13PKD	H13	610	610	292	32.0	3400	250
H14							
MVH-305/610/292-14PKD	H14	305	610	292	17.5	1400	250
MVH-610/610/292-14PKD	H14	610	610	292	32.0	2800	250

**** According to EN 1822

MVH SERIES PLASTIC FRAME MAX. FLOW 292 mm

Media	Microglass Fiber
Frame	Plastic (PS)
Final Pressure Drop	600 Pa
Operating Temperature	80 °C
Filter Efficiency**	E10-H14
Gasket	Flat Neoprene or Half Round Endless Polyurethane
Protection Grids	Optional
Separators	Hotmelt

Applications

- Air conditioning systems (Hospitals, Laboratories, Museums)
- Industrial processes (Pharmaceutical, Food, Microelectronics)

Advantages

- High flow applications
- Incinerable
- Light frame
- MVH product line fully meets the requirements for VDI 6022

Part Number	Filter Class EN 1822	Dimensions			Media Area (m^2)	Air Flow (m^3/h)	Pressure Drop (Pa)
		Width (mm)	Length (mm)	Depth (mm)			
E10							
MVH-305/610/292-10PKD-20m^2	E10	305	610	292	20.0	2750	250
MVH-610/610/292-10PKD-40m^2	E10	610	610	292	40.0	5500	250
E11							
MVH-305/610/292-11PKD-20m^2	E11	305	610	292	20.0	2500	250
MVH-610/610/292-11PKD-40m^2	E11	610	610	292	40.0	5000	250
E12							
MVH-305/610/292-12PKD-20m^2	E12	305	610	292	20.0	2000	250
MVH-610/610/292-12PKD-40m^2	E12	610	610	292	40.0	4000	250
H13							
MVH-305/610/292-13PKD-20m^2	H13	305	610	292	20.0	2000	280
MVH-610/610/292-13PKD-40m^2	H13	610	610	292	40.0	4000	280
H14							
MVH-305/610/292-14PKD-20m^2	H14	305	610	292	20.0	1600	280
MVH-610/610/292-14PKD-40m^2	H14	610	610	292	40.0	3200	280

**** According to EN 1822

MVH SERIES METAL FRAME 292 mm

Media	Microglass Fiber
Frame	Galvanized Steel, Aluminium, Stainless Steel
Final Pressure Drop	600 Pa
Operating Temperature	80 °C
Filter Efficiency**	E10-H14
Gasket	Flat Neoprene or Half Round Endless Polyurethane
Protection Grids	Optional
Separators	Hotmelt

Applications

- Air conditioning systems (Hospitals, Laboratories, Museums)
- Industrial processes (Pharmaceutical, Food, Microelectronics)

Advantages

- Strong frame
- MVH product line fully meets the requirements for VDI 6022

Part Number	Filter Class EN 1822	Dimensions			Media Area (m^2)	Air Flow (m^3/h)	Pressure Drop (Pa)
		Width (mm)	Length (mm)	Depth (mm)			
E10							
MVH-305/305/292-10GD	E10	305	305	292	9.0	1250	250
MVH-305/610/292-10GD	E10	305	610	292	17.5	2500	250
MVH-457/610/292-10GD	E10	457	610	292	26.0	3750	250
MVH-610/610/292-10GD	E10	610	610	292	32.0	5000	250
E11							
MVH-305/305/292-11GD	E11	305	305	292	9.0	1175	250
MVH-305/610/292-11GD	E11	305	610	292	17.5	2350	250
MVH-457/610/292-11GD	E11	457	610	292	26.0	3520	250
MVH-610/610/292-11GD	E11	610	610	292	32.0	4700	250
E12							
MVH-305/305/292-12GD	E12	305	305	292	9.0	900	250
MVH-305/610/292-12GD	E12	305	610	292	17.5	1800	250
MVH-457/610/292-12GD	E12	457	610	292	26.0	2700	250
MVH-610/610/292-12GD	E12	610	610	292	32.0	3600	250
H13							
MVH-305/305/292-13GD	H13	305	305	292	9.0	850	250
MVH-305/610/292-13GD	H13	305	610	292	17.5	1700	250
MVH-457/610/292-13GD	H13	457	610	292	26.0	2550	250
MVH-610/610/292-13GD	H13	610	610	292	32.0	3400	250
H14							
MVH-305/305/292-14GD	H14	305	305	292	9.0	700	250
MVH-305/610/292-14GD	H14	305	610	292	17.5	1400	250
MVH-457/610/292-14GD	H14	457	610	292	26.0	2100	250
MVH-610/610/292-14GD	H14	610	610	292	32.0	2800	250

**** According to EN 1822

MVH SERIES METAL FRAME MAX. FLOW 292 mm

Media	Microglass Fiber
Frame	Galvanized Steel, Aluminium, Stainless Steel
Final Pressure Drop	600 Pa
Operating Temperature	80 °C
Filter Efficiency**	E10-H14
Gasket	Flat Neoprene or Half Round Endless Polyurethane
Protection Grids	Optional
Separators	Hotmelt

Applications

- Air conditioning systems (Hospitals, Laboratories, Museums)
- Industrial processes (Pharmaceutical, Food, Microelectronics)

Advantages

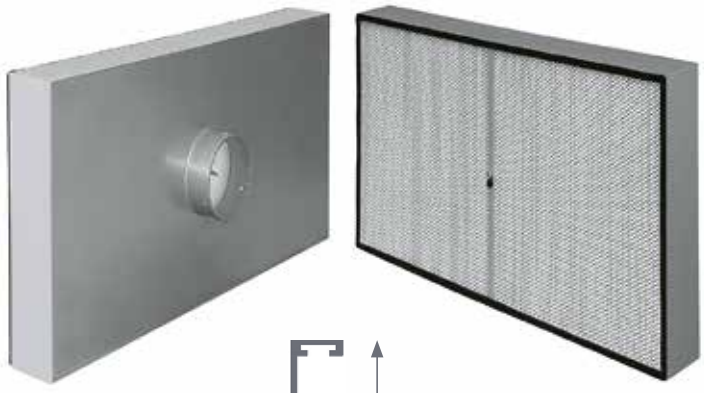
- Strong frame
- High flow applications
- MVH product line fully meets the requirements for VDI 6022

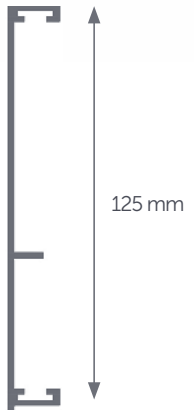
Part Number	Filter Class EN 1822	Dimensions			Media Area (m^2)	Air Flow (m^3/h)	Pressure Drop (Pa)
		Width (mm)	Length (mm)	Depth (mm)			
E10							
MVH-305/305/292-10GD-10m²	E10	305	305	292	10.0	1375	250
MVH-305/610/292-10GD-20m²	E10	305	610	292	20.0	2750	250
MVH-457/610/292-10GD-30m²	E10	457	610	292	30.0	4120	250
MVH-610/610/292-10GD-40m²	E10	610	610	292	40.0	5500	250
E11							
MVH-305/305/292-11GD-10m²	E11	305	305	292	10.0	1250	250
MVH-305/610/292-11GD-20m²	E11	305	610	292	20.0	2500	250
MVH-457/610/292-11GD-30m²	E11	457	610	292	30.0	3750	250
MVH-610/610/292-11GD-40m²	E11	610	610	292	40.0	5000	250
E12							
MVH-305/305/292-12GD-10m²	E12	305	305	292	10.0	1000	250
MVH-305/610/292-12GD-20m²	E12	305	610	292	20.0	2000	250
MVH-457/610/292-12GD-30m²	E12	457	610	292	30.0	3000	250
MVH-610/610/292-12GD-40m²	E12	610	610	292	40.0	4000	250
H13							
MVH-305/305/292-13GD-10m²	H13	305	305	292	10.0	1000	280
MVH-305/610/292-13GD-20m²	H13	305	610	292	20.0	2000	280
MVH-457/610/292-13GD-30m²	H13	457	610	292	30.0	3000	280
MVH-610/610/292-13GD-40m²	H13	610	610	292	40.0	4000	280
H14							
MVH-305/305/292-14GD-10m²	H14	305	305	292	10.0	800	280
MVH-305/610/292-14GD-20m²	H14	305	610	292	20.0	1600	280
MVH-457/610/292-14GD-30m²	H14	457	610	292	30.0	2400	280
MVH-610/610/292-14GD-40m²	H14	610	610	292	40.0	3200	280

**** According to EN 1822

MHH SERIES MICRO HOOD FILTER 125 mm

Media	Microglass Fiber
Frame	Extruded Anodized Aluminium
Final Pressure Drop	600 Pa
Operating Temperature	80 °C
Filter Efficiency**	E10-U15
Collar Dimensions	150 mm, 200 mm, 250 mm, 300 mm, 400 mm
Collar Height	65 mm
Protection Grids	Powder Coated Metal on Both Sides
Separators	Hotmelt





125 mm Aluminium Profile View

Applications

- Cleanroom applications
- Laminar flow cabins

Advantages

- Adjustable air flow

Part Number	Filter Class EN 1822	Dimensions			Collar Dia. (mm)	Media Area (m^2)	Air Flow (m^3/h)	Pressure Drop (Pa)
		Width (mm)	Length (mm)	Depth (mm)				
H13								
MHH-610/610/125-B200-13APD1G	H13	610	610	125	200	10.4	600	125
MHH-610/915/125-B200-13APD1G	H13	610	915	125	200	15.6	900	125
MHH-610/1220/125-B200-13APD1G	H13	610	1220	125	200	20.8	1200	125
H14								
MHH-610/610/125-B200-14APD1G	H14	610	610	125	200	10.4	600	135
MHH-610/915/125-B200-14APD1G	H14	610	915	125	200	15.6	900	135
MHH-610/1220/125-B200-14APD1G	H14	610	1220	125	200	20.8	1200	135
U15								
MHH-610/610/125-B200-15APD1G	U15	610	610	125	200	10.4	600	155
MHH-610/915/125-B200-15APD1G	U15	610	915	125	200	15.6	900	155
MHH-610/1220/125-B200-15APD1G	U15	610	1220	125	200	20.8	1200	155

**** According to EN 1822

MHH SERIES MICRO HOOD FILTER 150 mm

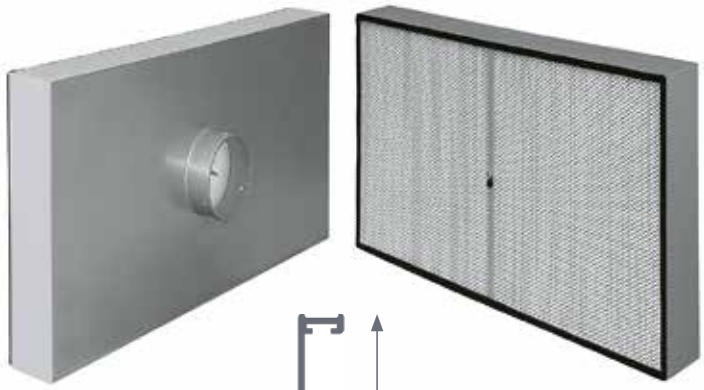
Media	Microglass Fiber
Frame	Extruded Anodized Aluminium
Final Pressure Drop	600 Pa
Operating Temperature	80 °C
Filter Efficiency**	E10-U15
Collar Dimensions	150 mm, 200 mm, 250 mm, 300 mm, 400 mm
Collar Height	65 mm
Protection Grids	Powder Coated Metal on Both Sides
Separators	Hotmelt

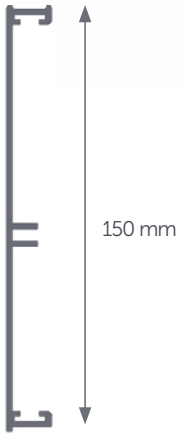
Applications

- Cleanroom applications
- Laminar flow cabins

Advantages

- Adjustable air flow





150 mm Aluminium Profile View

Part Number	Filter Class EN 1822	Dimensions			Collar Dia. (mm)	Media Area (m^2)	Air Flow (m^3/h)	Pressure Drop (Pa)
		Width (mm)	Length (mm)	Depth (mm)				
H13								
MHH-610/610/150-B200-13APD1G	H13	610	610	150	200	10.4	600	125
MHH-610/915/150-B200-13APD1G	H13	610	915	150	200	15.6	900	125
MHH-610/1220/150-B200-13APD1G	H13	610	1220	150	200	20.8	1200	125
H14								
MHH-610/610/150-B200-14APD1G	H14	610	610	150	200	10.4	600	135
MHH-610/915/150-B200-14APD1G	H14	610	915	150	200	15.6	900	135
MHH-610/1220/150-B200-14APD1G	H14	610	1220	150	200	20.8	1200	135
U15								
MHH-610/610/150-B200-15APD1G	U15	610	610	150	200	10.4	600	155
MHH-610/915/150-B200-15APD1G	U15	610	915	150	200	15.6	900	155
MHH-610/1220/150-B200-15APD1G	U15	610	1220	150	200	20.8	1200	155

**** According to EN 1822

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HEPA HOUSING

HEPA HOUSING

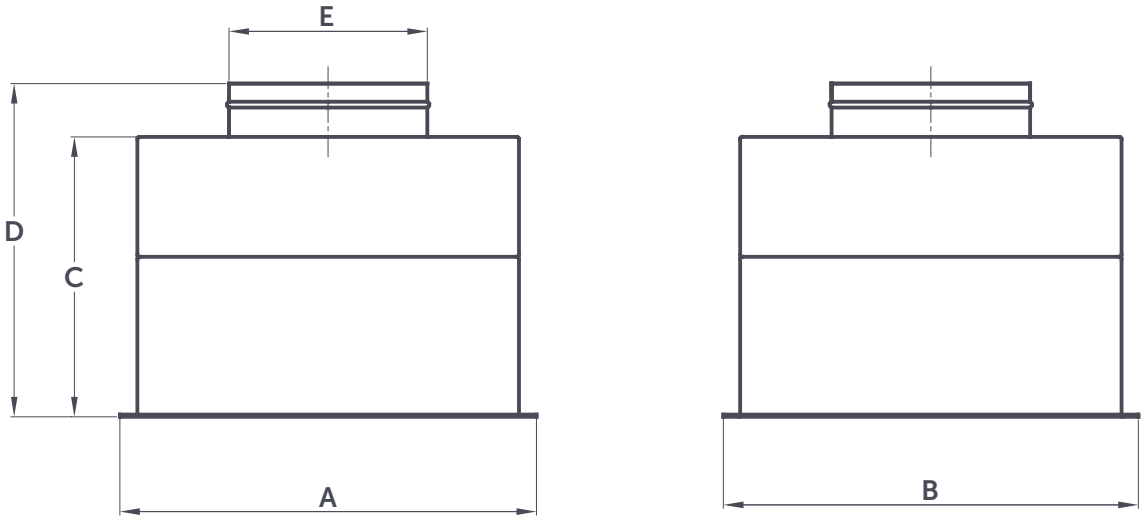
H-BOX STC SERIES

Applications

- Ceiling diffusers for terminal filtration
- Cleanroom applications

STC	Standard top ceiling
DSW	Swirl diffusers
D4D	4-direction diffusers
DP	Perforated diffusers
Collar Dimensions	Ø150 mm, Ø200 mm, Ø250 mm

Code	Dimensions of Filter			Collar Ø (mm)	Dimensions of HBOX (mm)				
	Width (mm)	Length (mm)	Depth (mm)		A	B	C	D	E
HBOX-305/305/70-STC-C150-DSW	305	305	70/78/90/110	150	352	352	350	430	150
HBOX-457/457/70-STC-C200-DSW	457	457	70/78/90/110	200	504	504	350	430	200
HBOX-535/535/70-STC-C250-DSW	535	535	70/78/90/110	250	582	582	350	430	250
HBOX-575/575/70-STC-C250-DSW	575	575	70/78/90/110	250	622	622	350	430	250
HBOX-610/610/70-STC-C250-DSW	610	610	70/78/90/110	250	657	657	350	430	250



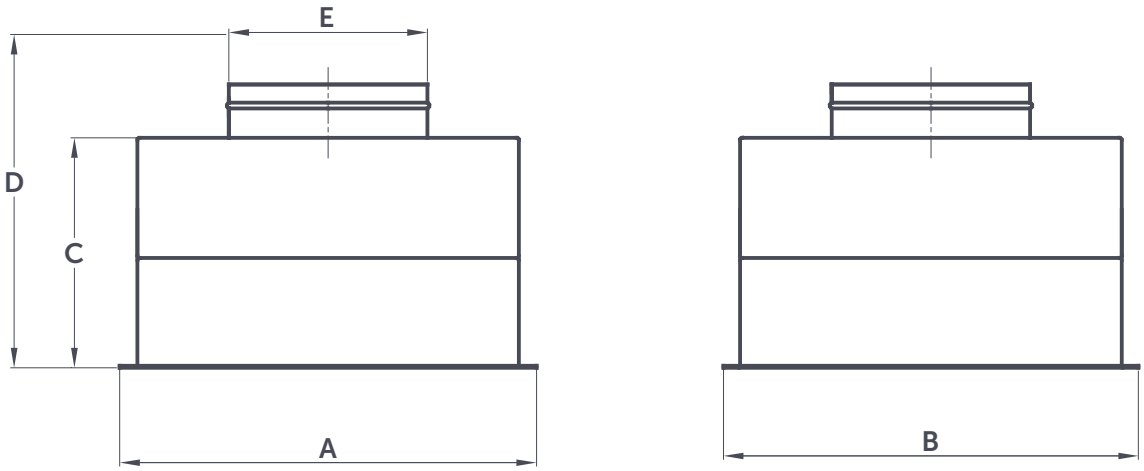
H-BOX LTC SERIES

Applications

- Ceiling diffusers for terminal filtration
- Cleanroom applications

LTC	Low top ceiling
DSW	Swirl diffusers
D4D	4-direction diffusers
DP	Perforated diffusers
Collar Dimensions	Ø150 mm, Ø200 mm, Ø250 mm

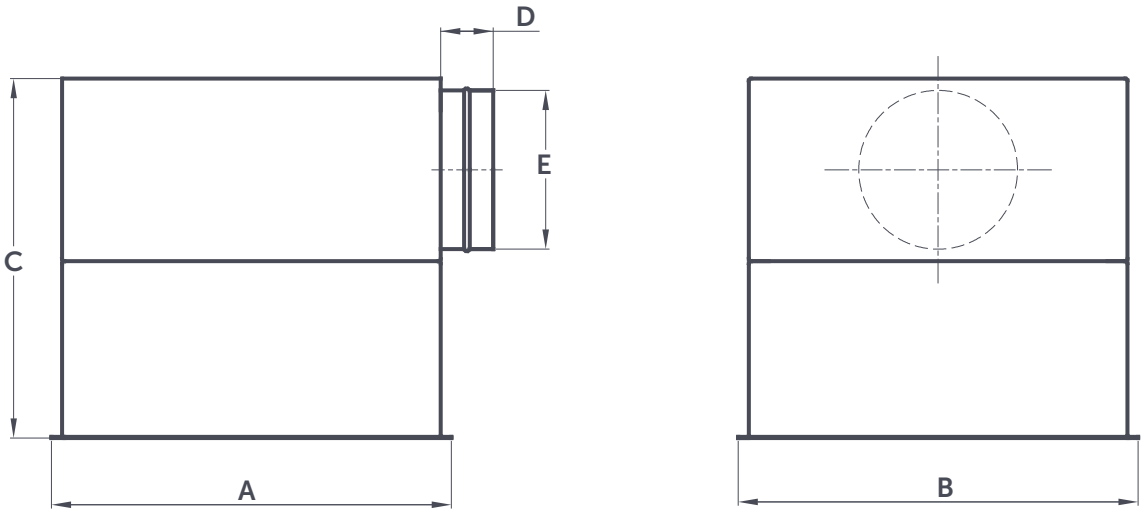
Code	Dimensions of Filter			Collar Ø (mm)	Dimensions of HBOX (mm)				
	Width (mm)	Length (mm)	Depth (mm)		A	B	C	D	E
HBOX-305/305/70-LTC-C150-DSW	305	305	70/78	150	352	352	310	390	150
HBOX-457/457/70-LTC-C200-DSW	457	457	70/78	200	504	504	310	390	200
HBOX-535/535/70-LTC-C250-DSW	535	535	70/78	250	582	582	310	390	250
HBOX-575/575/70-LTC-C250-DSW	575	575	70/78	250	622	622	310	390	250
HBOX-610/610/70-LTC-C250-DSW	610	610	70/78	250	657	657	310	390	250



H-BOX SSC SERIES

SSC	Standard side ceiling
DSW	Swirl diffusers
D4D	4-direction diffusers
DP	Perforated diffusers
Collar Dimensions	Ø150 mm, Ø200 mm, Ø250 mm

Code	Dimensions of Filter			Collar Ø (mm)	Dimensions of HBOX (mm)				
	Width (mm)	Length (mm)	Depth (mm)		A	B	C	D	E
HBOX-305/305/70-SSC-C150-DSW	305	305	70/78/90/110	150	352	352	400	80	150
HBOX-457/457/70-SSC-C200-DSW	457	457	70/78/90/110	200	504	504	450	80	200
HBOX-535/535/70-SSC-C250-DSW	535	535	70/78/90/110	250	582	582	500	80	250
HBOX-575/575/70-SSC-C250-DSW	575	575	70/78/90/110	250	622	622	500	80	250
HBOX-610/610/70-SSC-C250-DSW	610	610	70/78/90/110	250	657	657	500	80	250



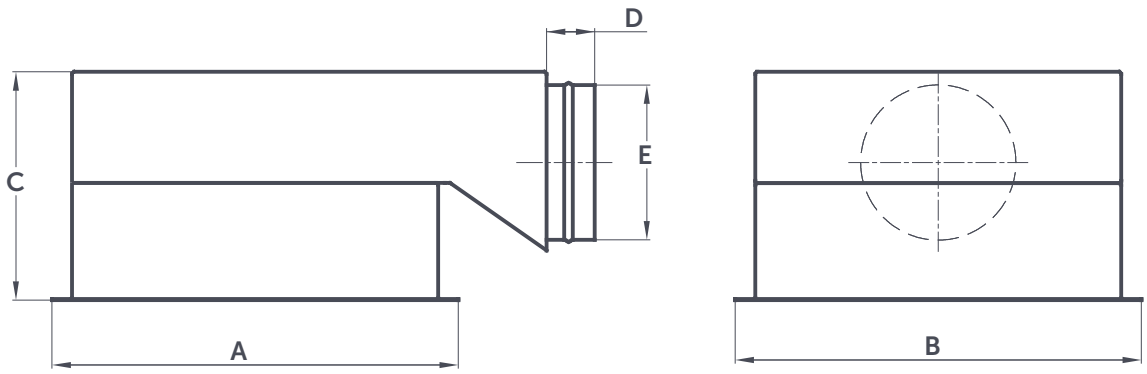
H-BOX LSC SERIES

Applications

- Ceiling diffusers for terminal filtration
- Cleanroom applications

LSC	Low side ceiling
DSW	Swirl diffusers
D4D	4-direction diffusers
DP	Perforated diffusers
Collar Dimensions	Ø150 mm, Ø200 mm, Ø250 mm

Code	Dimensions of Filter			Collar Ø (mm)	Dimensions of HBOX (mm)				
	Width (mm)	Length (mm)	Depth (mm)		A	B	C	D	E
HBOX-305/305/70-LSC-C150-DSW	305	305	70/78	150	352	352	255	80	150
HBOX-457/457/70-LSC-C200-DSW	457	457	70/78	200	504	504	300	80	200
HBOX-535/535/70-LSC-C250-DSW	535	535	70/78	250	582	582	350	80	250
HBOX-575/575/70-LSC-C250-DSW	575	575	70/78	250	622	622	350	80	250
HBOX-610/610/70-LSC-C250-DSW	610	610	70/78	250	657	657	350	80	250



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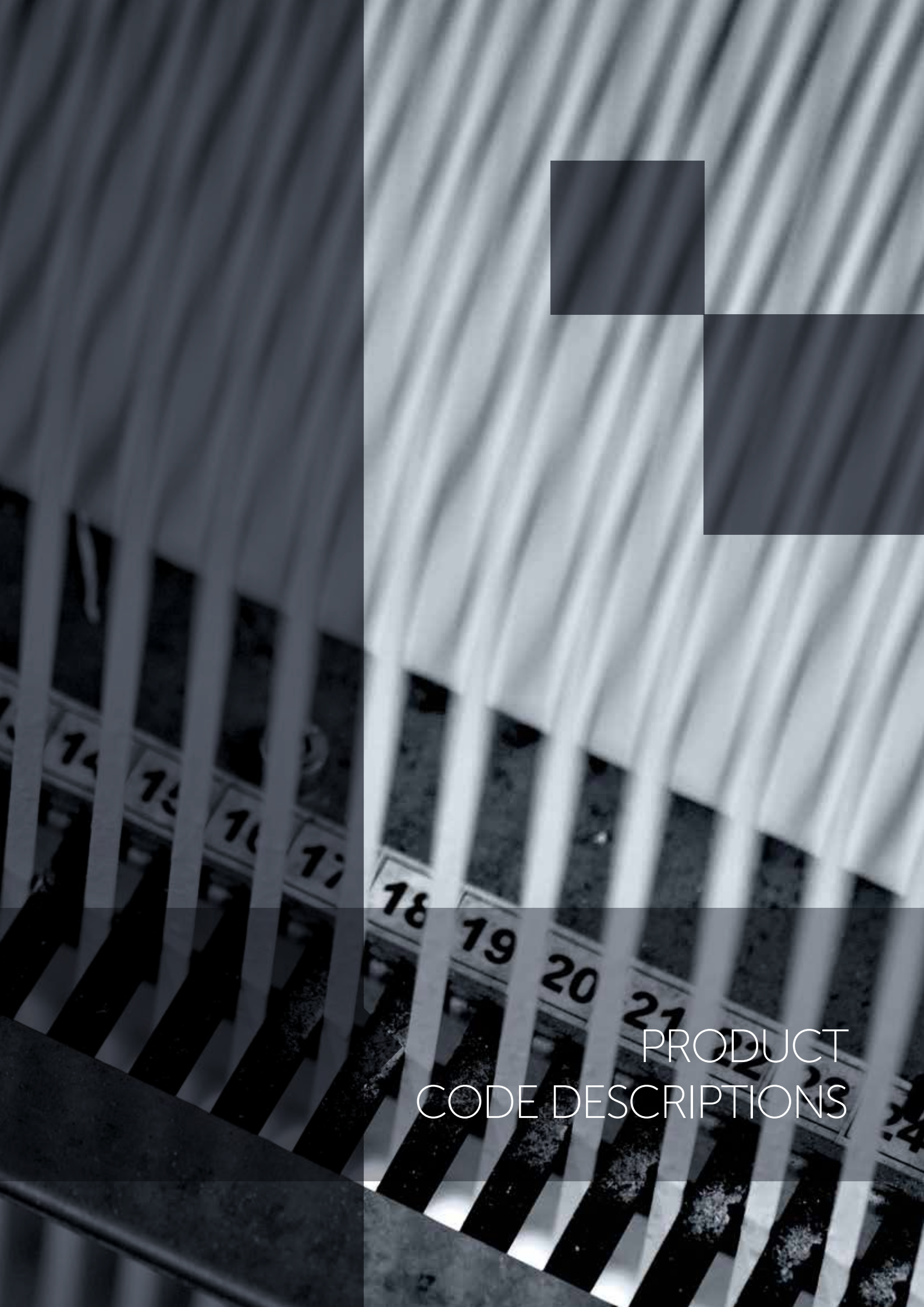
PRODUCT CODE DESCRIPTIONS



PRODUCT CODE DESCRIPTIONS

MPM SERIES

Type	Width (mm)	Length (mm)	Depth (mm)
MPM	**595**	**595**	**45**
	*	*	20
			45
			95

Note: All dimensions are in mm
***** Customized

MPP SERIES

Type	Width (mm)	Length (mm)	Depth (mm)	Efficiency	Media Area	Gasket
MPP	**595**	**595**	**45**	**4K**	**SP**	**N**
	*	*	25			N
			45		*	KD
			95			KU
						KS

Note: All dimensions are in mm
***** Customized

Media Area	Description
SP	Standard

Efficiency	Description
4K	G4

Gasket	Location	Type
N	No gasket	-
KD	Down stream	Foam gasket
KU	Up stream	Foam gasket
KS	Both side	Foam gasket

MGP SERIES

Type	Width (mm)	Length (mm)	Depth (mm)	Efficiency	Gasket	Grid	Media Area
MGP	**595**	**595**	**45**	**4K**	**N**	**NG**	**S**
	*	*	45		N	NG	S
			95		KD	1G	*
					KU	2G	
					KS		

Note: All dimensions are in mm

Media Area	Description
S	Standard
*	Customized

Grid	Location
NG	No grid
1G	Down stream
2G	Both side

Efficiency	Description
4K	G4

Gasket	Location	Type
N	No gasket	-
KD	Down stream	Foam gasket
KU	Up stream	Foam gasket
KS	Both side	Foam gasket

MSKPN SERIES

PRODUCT CODE DESCRIPTIONS

Type	Width (mm)	Length (mm)	Depth (mm)	Efficiency	Frame	Gasket	Grid	Media Area	Handle
MSKPN	**592**	**592**	**48**	**4**	**PK**	**N**	**NG**	**S**	**NT**
	*	*	**		PK	N	NG	*	NT
					G	D	1G		T
					A	U	2G		2T
					S	S			
						BD			
						BU			
						BS			

Note: All dimensions are in mm
***** Customized
****** Plastic frame is available for 48, 96 and 150 mm depths

Frame	Description
PK	Plastic
G	Galvanized
A	Aluminium
S	Stainless steel

Media Area	Description
S	Standard
*	Customized

Efficiency	Description
4	G4

Gasket	Location	Type
N	No gasket	-
D	Down stream	Half moon gasket
U	Up stream	Half moon gasket
S	Both side	Half moon gasket
BD	Down stream	EPDM flat gasket
BU	Up stream	EPDM flat gasket
BS	Both side	EPDM flat gasket

Grid	Location
NG	No grid
1G	Down stream
2G	Both side

Handle	Description
NT	No handle
T	Handle on one side
2T	Handle on both side

MSKP SERIES

PRODUCT CODE DESCRIPTIONS

Type	Width (mm)	Length (mm)	Depth (mm)	Efficiency	Frame	Gasket	Grid	Media Area	Handle
MSKP	**592**	**592**	**48**	**42**	**G**	**N**	**NG**	**S**	**NT**
	*	*	*	32	G	N	NG	S	NT
				42	A	D	1G	*	T
				3	S	U	2G		2T
				4		S			
						BD			
						BU			
						BS			

Frame	Description
G	Galvanized
A	Aluminium
S	Stainless steel

Efficiency	Description
32	G3, Zig-Zag pleated
42	G4, Zig-Zag pleated
3	G3, Plain
4	G4, Plain

Media Area	Description
S	Standard
*	Customized

Note: All dimensions are in mm

Gasket	Location	Type
N	No gasket	-
D	Down stream	Half moon gasket
U	Up stream	Half moon gasket
S	Both side	Half moon gasket
BD	Down stream	EPDM flat gasket
BU	Up stream	EPDM flat gasket
BS	Both side	EPDM flat gasket

Grid	Location
NG	No grid
1G	Down stream
2G	Both side

Handle	Description
NT	No handle
T	Handle on one side
2T	Handle on both side

MSKP MESH SERIES

Type	Width (mm)	Length (mm)	Depth (mm)	Frame	Mesh Type
MSKP	**592**	**592**	**48**	**A**	**ALMESH**
	*	*	*	A	ALMESH
				S	SMESH
				G	
					SMESH-304L
					SMESH-316L

Note: All dimensions are in mm
***** Customized

Mesh Type	Description
ALMESH	Aluminium
SMESH	Stainless steel
SMESH-304L	Stainless steel 304L
SMESH-316L	Stainless steel 316L

Frame	Description
A	Aluminium
S	Stainless steel
G	Galvanized

MPS-MPG SERIES

Type	Efficiency	Number of Pockets	Depth (mm)	Frame Dims.	Frame	Gasket	Header
MPS	**6**	**8**	**600**	**592/592**	**G**	**N**	**H22**
MPS	3	3	*	*	G	N	H22
MPG	4	4			PK	BD	H23
	5	5				BU	
	6	6				BS	
	7	7				LSG	
	8	8					
	9	9					
		10					
		11					
		12					

Note 1: All dimensions are in mm
Note 2: Pocket depths are available 150≤Depth≤915 mm
***** Customized

Type	Description
MPS	Synthetic filter
MPG	Glassfiber filter

Gasket	Location	Description
N	No gasket	-
BD	Down stream	EPDM flat gasket
BU	Up stream	EPDM flat gasket
BS	Both side	EPDM flat gasket
LSG	Left side gasket	EPDM flat gasket

MPR SERIES

Type	Efficiency	Number of Pockets	Depth (mm)	Frame Dims.	Frame	Gasket	Header
MPR	**6**	**8**	**600**	**592/592**	**PK**	**N**	**H23**
	4	3	*	287/592		N	
	5	4		592/592		BD	
	6	6				BU	
		8					
						BS	
						LSG	

Type	Efficiency	Number of Pockets	Depth (mm)	Frame Dims.	Frame	Gasket	Header
MPR	**6**	**8**	**600**	**592/592**	**G**	**N**	**H22**
	4	3	*	*		N	
	5	4				BD	
	6	6				BU	
		8					
						BS	
						LSG	

Gasket	Location	Description
N	No gasket	-
BD	Down stream	EPDM flat gasket
BU	Up stream	EPDM flat gasket
BS	Both side	EPDM flat gasket
LSG	Left side gasket	EPDM flat gasket

Note 1: All dimensions are in mm
Note 2: Pocket depths are available 150≤Depth≤620 mm
***** Customized

MPF SERIES

Type	Width (mm)	Length (mm)	Depth (mm)	Efficiency	Frame	Gasket	Grid	Media Area	Handle
MPF	**592**	**592**	**48**	**6**	**PK**	**D**	**1G**	**S**	**NT**
	*	*	**	5	PK	N	NG	S	NT
			***	6	G	D	1G	*	T
				7	A	U	2G		2T
				8	S	S			
				9	P	BD			
					K	BU			
					AP	BS			

Note: All dimensions are in mm
***** Customized
****** Plastic frame is available for 48, 96 and 150 mm depths
******* Depth≥23 mm

Frame	Description
PK	Plastic
G	Galvanized
A	Aluminium
S	Stainless steel
P	MDF
K	Cardboard
AP	Aluminium profile

Media Area	Description
S	Standard
*	Customized

Gasket	Location	Type
N	No gasket	-
D	Down stream	Moulded gasket
U	Up stream	Moulded gasket
S	Both side	Moulded gasket
BD	Down stream	EPDM flat gasket
BU	Up stream	EPDM flat gasket
BS	Both side	EPDM flat gasket

Grid	Location
NG	No grid
1G	Down stream
2G	Both side

Handle	Description
NT	No handle
T	Handle on one side
2T	Handle on both side

MPHT SERIES

Type	Width (mm)	Length (mm)	Depth (mm)	Efficiency	Frame	Gasket	Grid	Hanle
MPHT	**610**	**610**	**78**	**6**	**AP**	**HD**	**2G**	**NT**
	*	*	30	6	AP	N		T
			38	7	G	HD		NT
			40	8	S	HU		
			47	9	A	HS		
			55	10				
			78					
			*					

Frame	Description
AP	Aluminium profile
G	Galvanized
S	Stainless steel
A	Aluminium sheet

Handle	Description
NT	No handle
T	Handle

Note: All dimensions are in mm
***** Customized: Available for G and S frame types

Gasket	Location	Description
N	No gasket	-
HD	Down stream	HT gasket
HU	Up stream	HT gasket
HS	Both side	HT gasket

MC SERIES

Type	Width (mm)	Length (mm)	Depth (mm)	Efficiency	Frame	Gasket	Grid	Media Area	Header	Handle
MCH	**592**	**592**	**130**	**6**	**PK**	**D**	**2G**	**S**	**H25**	**NT**
MCH	*	*	**	6	PK	N	NG	S	H25	NT
MCL				7	G	D	1G	*	H20	T
				8		U	2G			2T
				9	A	S				
						BD				
						BU				
						BS				

Note: All dimensions are in mm
***** Customized
****** 130 mm for Plastic Frame

Type	Description
MCH	Pleat height: 110 mm
MCL	Pleat height: 60 mm

Frame	Description
PK	Plastic
G	Galvanized
A	Aluminium sheet

Media Area	Description
S	Standard
*	Customized

Gasket	Location	Description
N	No gasket	-
D	Down stream	Moulded gasket
U	Up stream	Moulded gasket
S	Both side	Moulded gasket
BD	Down stream	EPDM flat gasket
BU	Up stream	EPDM flat gasket
BS	Both side	EPDM flat gasket

Grid	Location
NG	No grid
1G	Down stream
2G	Both side

Handle	Description
NT	No handle
T	Handle on one side
2T	Handle on both side

MV4HT SERIES

Type	Width (mm)	Length (mm)	Depth (mm)	Efficiency	Frame	Gasket	Grid	Media Area	Header
MV4HT	**610**	**610**	**292**	**6**	**G**	**HD**	**2G**	**S**	**1H22**
	305	610	292	6	G	N			NH
	610	610	400	7	S	HD			1H22
	287	592		8		HU			
	592	592		9		HS			

Frame	Description
G	Galvanized
S	Stainless steel

Media Area	Description
S	Standard

Note: All dimensions are in mm

Gasket	Location	Description
N	No gasket	-
HD	Down stream	HT gasket
HU	Up stream	HT gasket
HS	Both	HT gasket

MAS-MASHT SERIES

Type	Width (mm)	Length (mm)	Depth (mm)	Efficiency	Frame	Gasket	Grid	Media Area	Header	Handle
MAS	**610**	**610**	**292**	**6**	**G**	**D**	**2G**	**S**	**1H25**	**NT**
MAS	*	*	*	6	G	N	NG	S	1H20	NT
MASHT				7	A	D	1G	*	2H20	T
				8	S	U	2G		1H25	2T
				9		S			2H25	
						BD				
						BU				
						BS				
						HD				
						HU				
						HS				

Note: All dimensions are in mm

Type	Description
MAS	Al. separator
MASHT	HT Al. separator

Frame	Description
G	Galvanized
A	Aluminium
S	Stainless steel

Media Area	Description
S	Standard
*	Customized

Header	Description
1H20	Down/Up stream 20 mm
2H20	Both side 20 mm
1H25	Down/Up stream 25 mm
2H25	Both side 25 mm

Gasket	Location	Type
N	No gasket	-
D	Down stream	Moulded gasket (MAS)
U	Up stream	Moulded gasket (MAS)
S	Both side	Moulded gasket (MAS)
BD	Down stream	EPDM flat gasket (MAS)
BU	Up stream	EPDM flat gasket (MAS)
BS	Both side	EPDM flat gasket (MAS)
HD	Down stream	High temperature gasket (MASHT)
HU	Up stream	High temperature gasket (MASHT)
HS	Both side	High temperature gasket (MASHT)

Grid	Location
NG	No grid
1G	Down stream
2G	Both side

Handle	Description
NT	No handle
T	Handle on one side
2T	Handle on both side

Depth	Description
*	Customized 150 - 292 mm

V FILTER SERIES

Type of V Cell	Efficiency	Frame Code	Frame	Media Area	Gasket	Grid	Fully Potted	Header	Frame Color
MV	**F7**	**03**	**A**	**S**	**D**	**PG**	**Y**	**H25**	**03**
MV	M5	01	A	S	N	NPG	NY	H20	
MVEE	M6	02	P	*	D	PG	Y	H25	
MW	F7	03			U	2PG			
MVX	F8	04			S	RPG			
	F9				BD				
	E10	07			BU				
	E11				BS				
	E12								
	H13								
	H14								

Frame Code	Dims. (mm)
01	287x592
02	492x592
03	592x592
04	402x592
07	492x492

Media Area	Description
S	Standard
*	Customized

Fully Potted	Description
NY	No fully potted
Y	Fully potted

Frame	Description
A	Plastic
P	HT plastic (max. 120 °C)

Frame Color	Description
03	Grey

Note: All dimensions are in mm

Gasket	Location	Type
N	No gasket	-
D	Down stream	Moulded gasket
U	Up stream	Moulded gasket
S	Both side	Moulded gasket
BD	Down stream	EPDM gasket
BU	Up stream	EPDM gasket
BS	Both side	EPDM gasket

Grid	Location	Description
NPG	No grid	-
PG	Down stream	8 pcs on the cartridge
2PG	Up stream	2 pcs on the outside cartridge
RPG	Down stream	8 pcs on the cartridge

Header	Description
H20	20 mm
H25	25 mm

HEPA SERIES

Type	Width (mm)	Length (mm)	Depth (mm)	Efficiency	Frame	Gasket	Grid	Media Area	Handle
HFN	**610**	**610**	**78**	**14**	**AP**	**D**	**2G**	**S**	**NT**
HFM	*	*	**	10	AP	N	NG	S	T
HFR				11	G	D	1G	*	NT
HFN				12	S	U	2G		
HFP				13	P	S			
HFS				14	A	BD			
HFH				15		BU			
HFX						BS			
HFU						J			

Note: All dimensions are in mm
***** Customized
****** 47, 55, 66, 70, 78, 90, 110 and 150 mm for Aluminium Profile

Type	Pleat Lenght (mm)
HFM	25
HFR	35
HFN	50
HFP	75
HFS	100
HFH	135
HFX	150
HFU	Customized

Frame	Description
AP	Aluminium profile
G	Galvanized
S	Stainless steel
P	MDF
A	Aluminium sheet

Gasket	Location	Description
N	No gasket	-
D	Down stream	Moulded gasket
U	Up stream	Moulded gasket
S	Both side	Moulded gasket
BD	Down stream	Neoprene or EPDM flat gasket
BU	Up stream	Neoprene or EPDM flat gasket
BS	Both side	Neoprene or EPDM flat gasket
J	In channel	Gel gasket available on aluminium profiles 66, 73, 80, 88 and 104 mm
YJ		

Media Area	Description
S	Standard
*	Customized

Handle	Description
NT	No handle
T	Handle

Grid	Location
NG	No grid
1G	Down stream
2G	Both side

HEPA HOOD SERIES

PRODUCT CODE DESCRIPTIONS

Type	Width (mm)	Length (mm)	Depth (mm)	Efficiency	Frame	Gasket	Grid	Media Area	Collar Qty	Collar Dia.	Damper	Handle
MHH	**610**	**610**	**150**	**14**	**AP**	**D**	**1G**	**S**	**B**	**250**	**D**	**NT**
	*	*	125	13	AP		NG	S	B	150	N	NT
			150	14	A		1G	*	2B	200	D	2T
			*	15	G				3B	250	BFD	
					S					300		
										400		

Media Area	Description
S	Standard
*	Customized

Grid	Location
NG	No grid
1G	Down stream

Damper	Description
N	No damper
D	Damper
BFD	Butterfly damper

Handle	Description
NT	No handle
2T	Handle top side

Note 1: All dimensions are in mm
Note 2: Width≥295 Height≥295

Frame	Description
AP	Aluminium Profile available for 125 and 150 mm
A	Aluminium sheet
G	Galvanized
S	Stainless steel

Collar Qty	Description
B	1 Pc
2B	2 Pcs
3B	3 Pcs

Gasket	Description
D	Down stream

MVH SERIES

Type	Width (mm)	Length (mm)	Depth (mm)	Cell	Efficiency	Frame	Gasket	Grid	Media Area	Handle	Color
MVH	**610**	**610**	**292**	**5/6**	**14**	**G**	**D**	**NG**	**S**	**NT**	**00**
MVH	*	*	*	3/4	6	G	N	NG	S	NT	00
MV				4/5	7	S	D	1G	*	T	02
				5/6	8	PK	U	2G		2T	
					9		S				
				6/7	10		BD				
					11		BU				
					12		BS				
					13						
					14						

***** Plastic frame is available for 305x610x292 and 610x610x292 mm

Frame	Description
G	Galvanized
MG	HT max. 120 °C
S	Stainless steel
PK	Plastic

Media Area	Description
S	Standard
*	Customized

Color	Description
00	Galvanized or SS frame
02	Black

Gasket	Location	Type
N	No gasket	-
D	Down stream	Moulded gasket
U	Up stream	Moulded gasket
S	Both side	Moulded gasket
BD	Down stream	EPDM flat gasket
BU	Up stream	EPDM flat gasket
BS	Both side	EPDM flat gasket

Grid	Location
NG	No grid
1G	Down stream
2G	Both side

Handle	Description
NT	No handle
T	Handle on side
2T	Handle on both side

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