

mikropor

Manufacturing Forward

# AIR FILTRATION

PRODUCT CATALOG


mikropor

01 OUR COMPANY 06

02 COARSE FILTERS 24

03 FINE FILTERS 46

04 HIGH TEMPERATURE FILTERS 70

05 CARBON FILTERS 80

06 EPA, HEPA & ULPA FILTERS 86

07 HEPA HOUSING 158

08 PRODUCT CODE DESCRIPTIONS 164



# 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

# 01

## OUR COMPANY


GENERAL APPLICATIONS 08

STANDARDS & CERTIFICATES 14

HIGH TECHNOLOGY 20




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 140 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.*)



mikropor

# 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.



mikropor



## 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.


mikropor
Manufacturing Forward
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.*

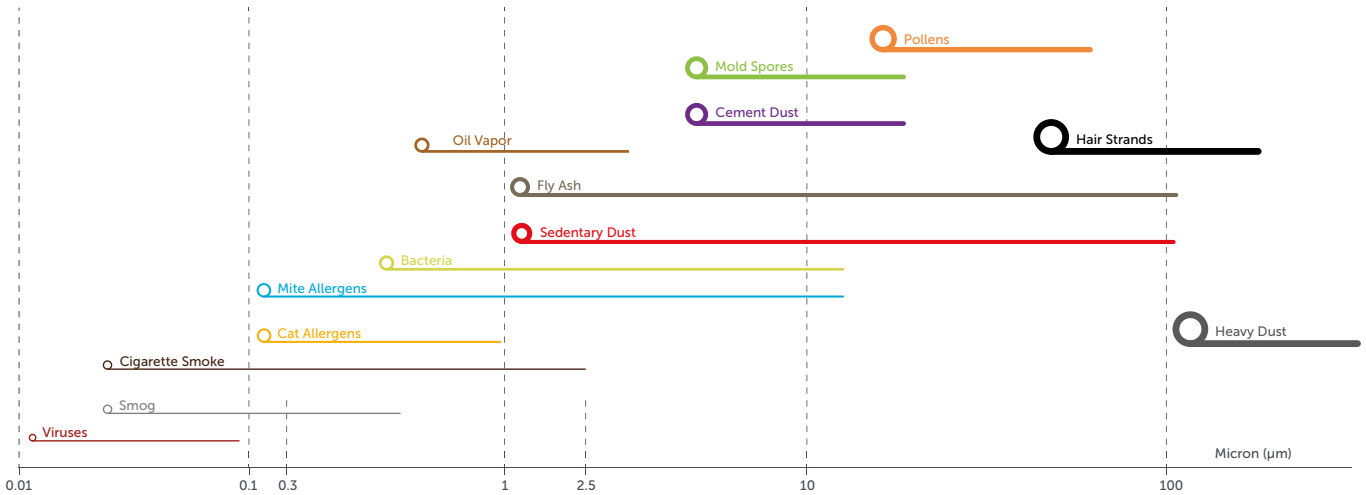
**FILTER GROUPS**

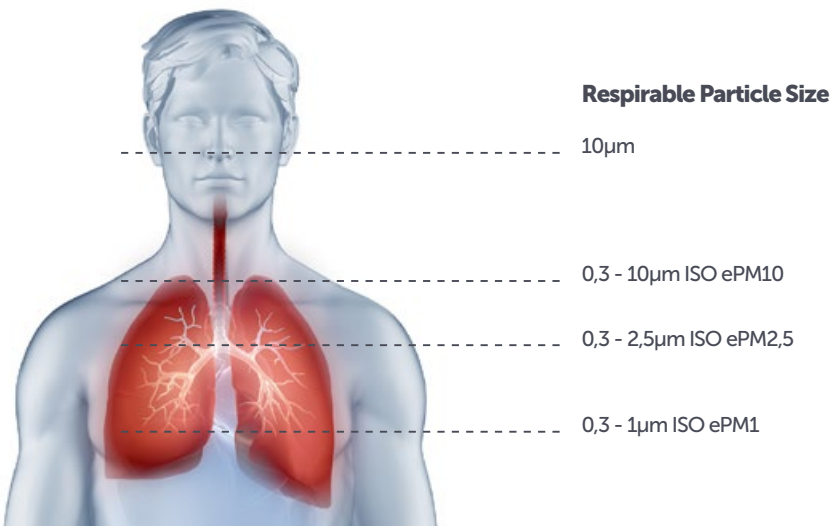
| ISO GROUP | Min. Requirement | | | Class Reporting Value |
|---|---|---|---|---|
| | ePM1 min. | ePM2.5 min. | ePM10 min. | |
| ISO Coarse | - | - | <50% | Initial gravimetric arrastance |
| ISO ePM10 | - | - | ≥50% | ePM10 |
| ISO ePM2.5 | - | ≥50% | - | ePM2.5 |
| ISO ePM1 | ≥50% | - | - | ePM1 |

**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

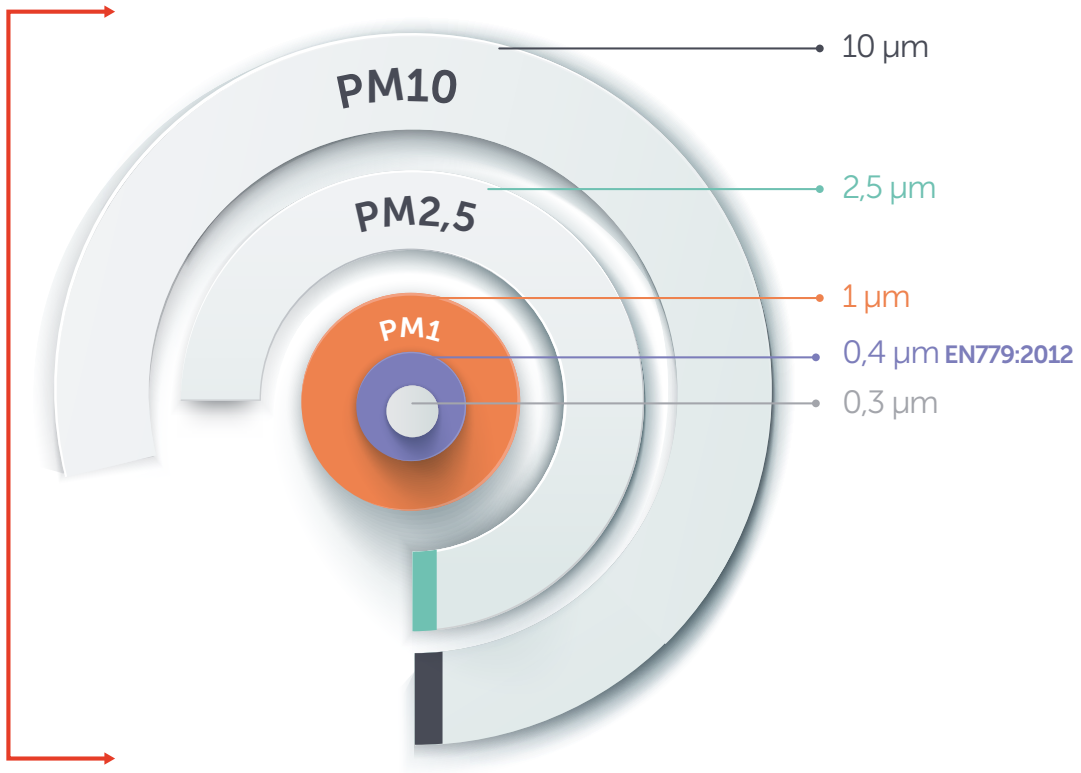


# COMPARISON OF EN 779:2012 AND ISO 16890 STANDARDS

| | EN 779:2012 | ISO 16890 |
|---|---|---|
| **Partical size for classification** | 0,4µm | from 0,3 to 1µm (PM1)<br>from 0,3 to 2,5µm (PM2,5)<br>from 0,3 to 10µm (PM10) |
| **Test aerosol** | DEHS | DEHS / from 0,3 to 1µm<br>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<br>from M5 to M6<br>from F7 to F9 | ISO Coarse<br>ISO ePM10<br>ISO ePM2,5<br>ISO ePM1 |

**ISO 16890**



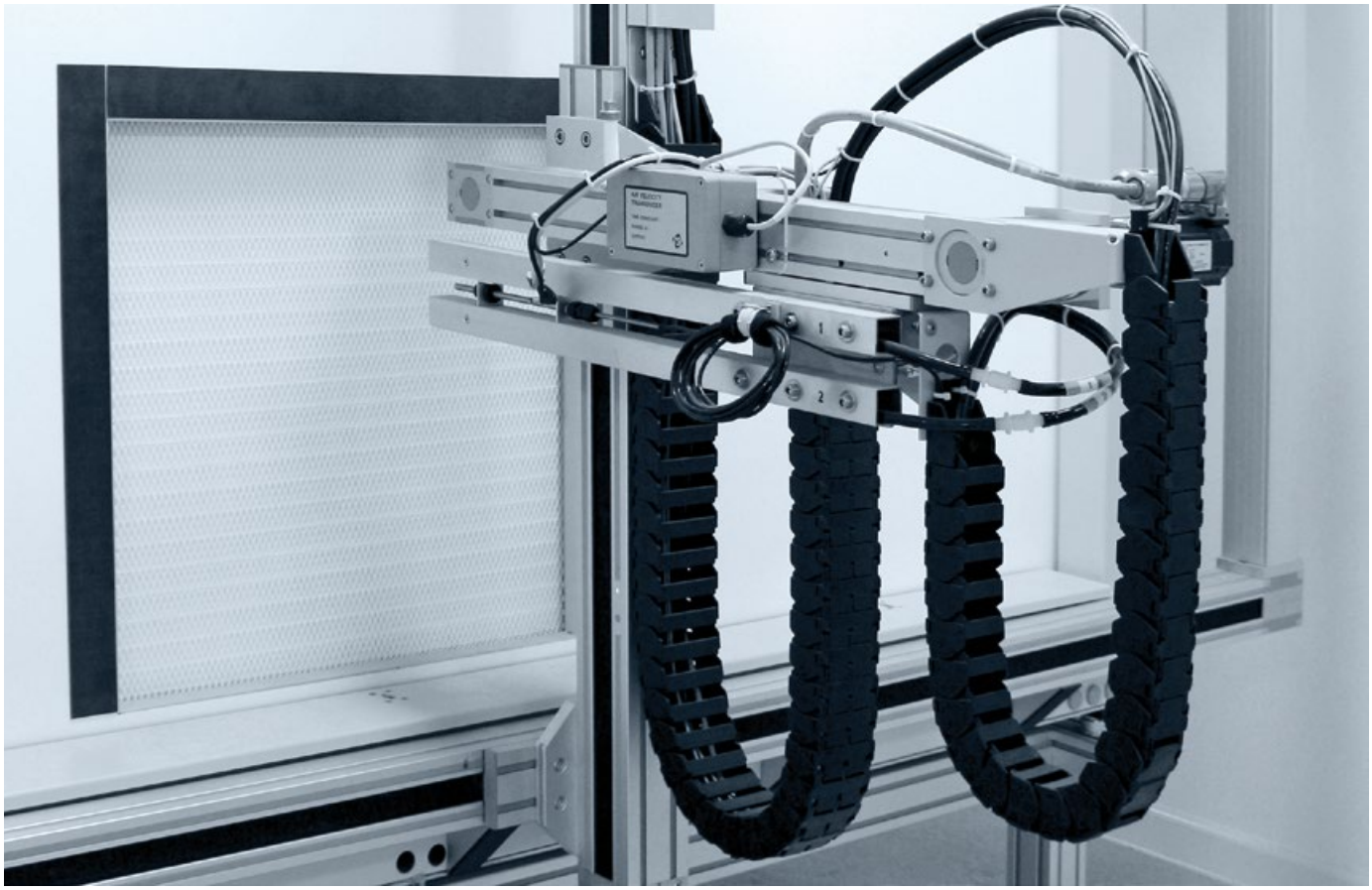
# EN 1822

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 Certita CERTIFICATION

CERTIFICATE NÃ 09.09.434

EUROVENT CERTIFIED PERFORMANCE

Air Filters / *Filtres © Air*

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

This document is valid at the date of issue - Check the current validity on:
*Document valable © la date dõ°mission- V°rifier la validit° 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 - è Air Filters é 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 26/09/2023
THIS CERTIFICATE IS VALID UNTIL 31/08/2024

*Ce certificat de performance produit est d°livr° par Eurovent Certita Certification dans les conditions fix°es par le r°f°rentiel :*

***ECP FIL õ è Filtres © Air é en vigueur © date dõ°dition.***

*En vertu de la d°cision notifi°e par Eurovent Certita Certification, le droit d'usage de la marque ECP, est accord° © la soci°t° qui en est b°n°ficiaire pour les tous les produits entrant dans le champ d'application d°fini selon le principe õcertify-alló et dans les conditions d°finies par le programme de certification mentionn°.*

*Sauf retrait ou suspension, ce certificat demeure valide tant que les conditions du r°f°rentiel du programme de certification sont respect°es. La validit° du certificat est © v°rifier sur le site Internet www.eurovent-certification.com*

*CE CERTIFICAT A õTé EMIS LE 26/09/2023*
*CE CERTIFICAT EST VALIDE JUSQUõAU 31/08/2024*

Paris, 26 septembre 2023

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 n°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 et MLA d'IAF, COFRAC is signatory of EA MLA and IAF MLA,
list of EA members is available on www.european-accreditation.org/ea-members
list of IAF members is available on www.iaf.nu/articles/IAF_MEMBERS_SIGNATORIES/4

1/2

EUROVENT CERTITA CERTIFICATION SAS au capital de 100 000 € - 34 rue Laffitte 75009 Paris - FRANCE
**Tel. : 33 (0)1 75 44 71 71 - 513 133 637 RCS Paris - TVA FR 59513133637**

CERTIFICATE TEMPLATE_ECP_Certify_All_Rev1.2



Eurovent Certita CERTIFICATION

CERTIFICATE NÃ 09.09.434

EUROVENT CERTIFIED PERFORMANCE

Appendix / Annexe

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

This document is valid at the date of issue - Check the current validity on:
*Document valable © la date dõ°mission- V°rifier la validit° en cours sur :*
www.eurovent-certification.com

**List of certified products and characteristics is displayed on:**
***La liste des r°f°rences et caract°ristiques certifi°es 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 s°lection suivants:*
Software / Logiciel de sélection

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

2/2

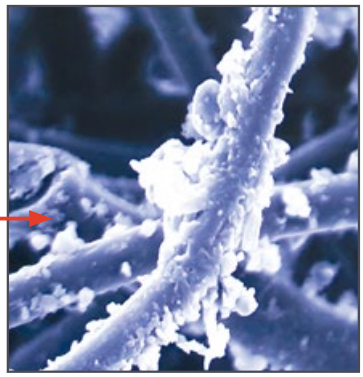
EUROVENT CERTITA CERTIFICATION SAS au capital de 100 000 € - 34 rue Laffitte 75009 Paris - FRANCE
**Tel. : 33 (0)1 75 44 71 71 - 513 133 637 RCS Paris - TVA FR 59513133637**

CERTIFICATE TEMPLATE_ECP_Certify_All_Rev1.2

# 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.

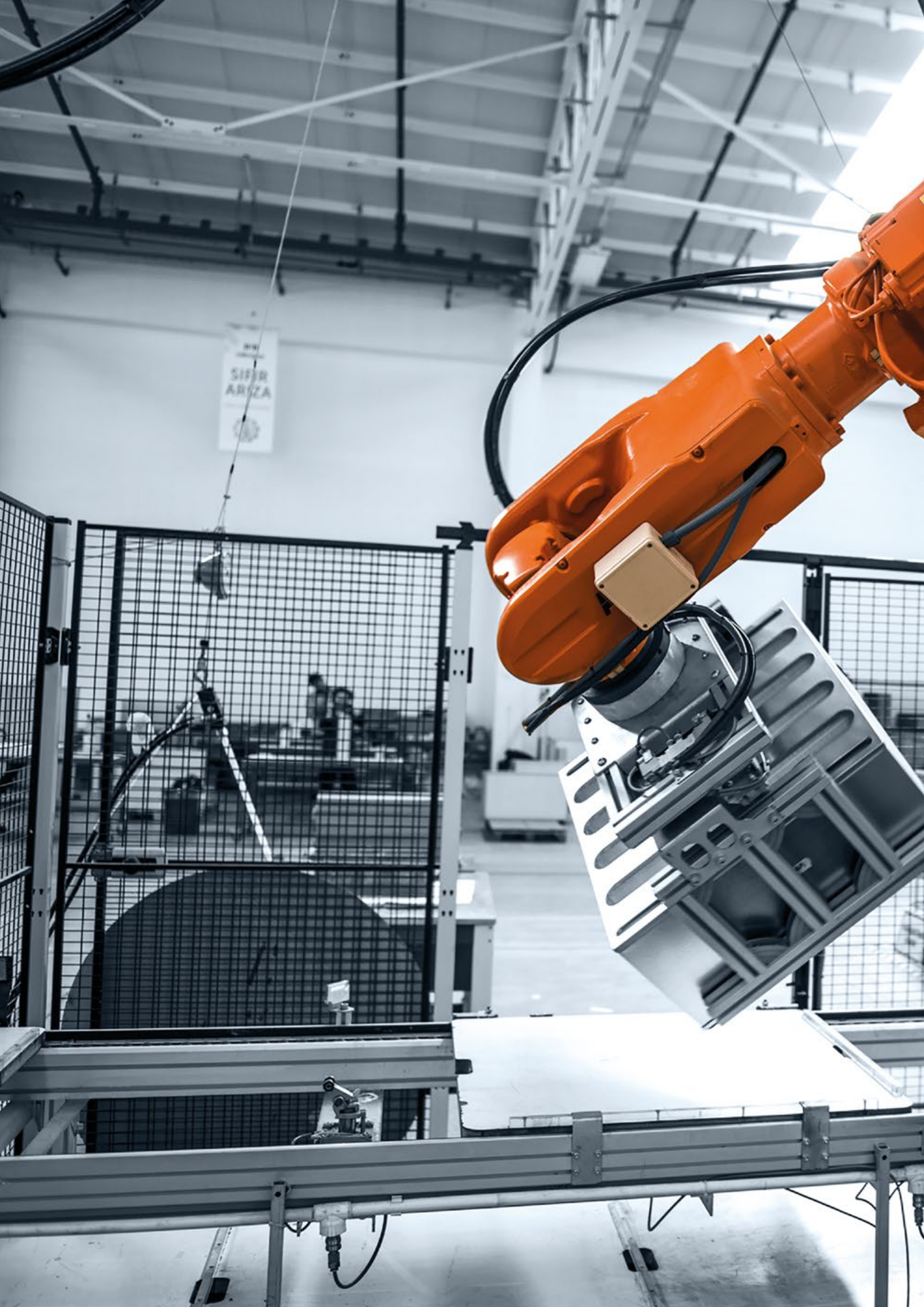


# NANO / Nano Coating System

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.







02

## COARSE FILTERS
## G2-G3-G4


| | |
|---|---|
| MFM-ROLLS-PF | 26 |
| MFM-ROLLS-PB | 27 |
| MFM-ROLLS-PS, DS | 28 |
| MPM SERIES | 30 |
| MPP SERIES | 32 |
| MGP SERIES | 34 |
| MSKPN SERIES | 36 |
| MSKPN-HP SERIES | 37 |
| MSKP SERIES | 38 |
| MSKP MESH SERIES | 39 |
| MV-G SERIES | 40 |
| MPS COARSE SERIES | 41 |
| MPS NANOWAVE SERIES | 42 |
| MPR SERIES | 44 |
| MPR REVERSE SERIES | 45 |



# 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 |

* 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-495/624/45-4K-SP-N | G4 | ISO Coarse 70% | 495 | 624 | 45 | 1,10 | 3000 | 75 |
| 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

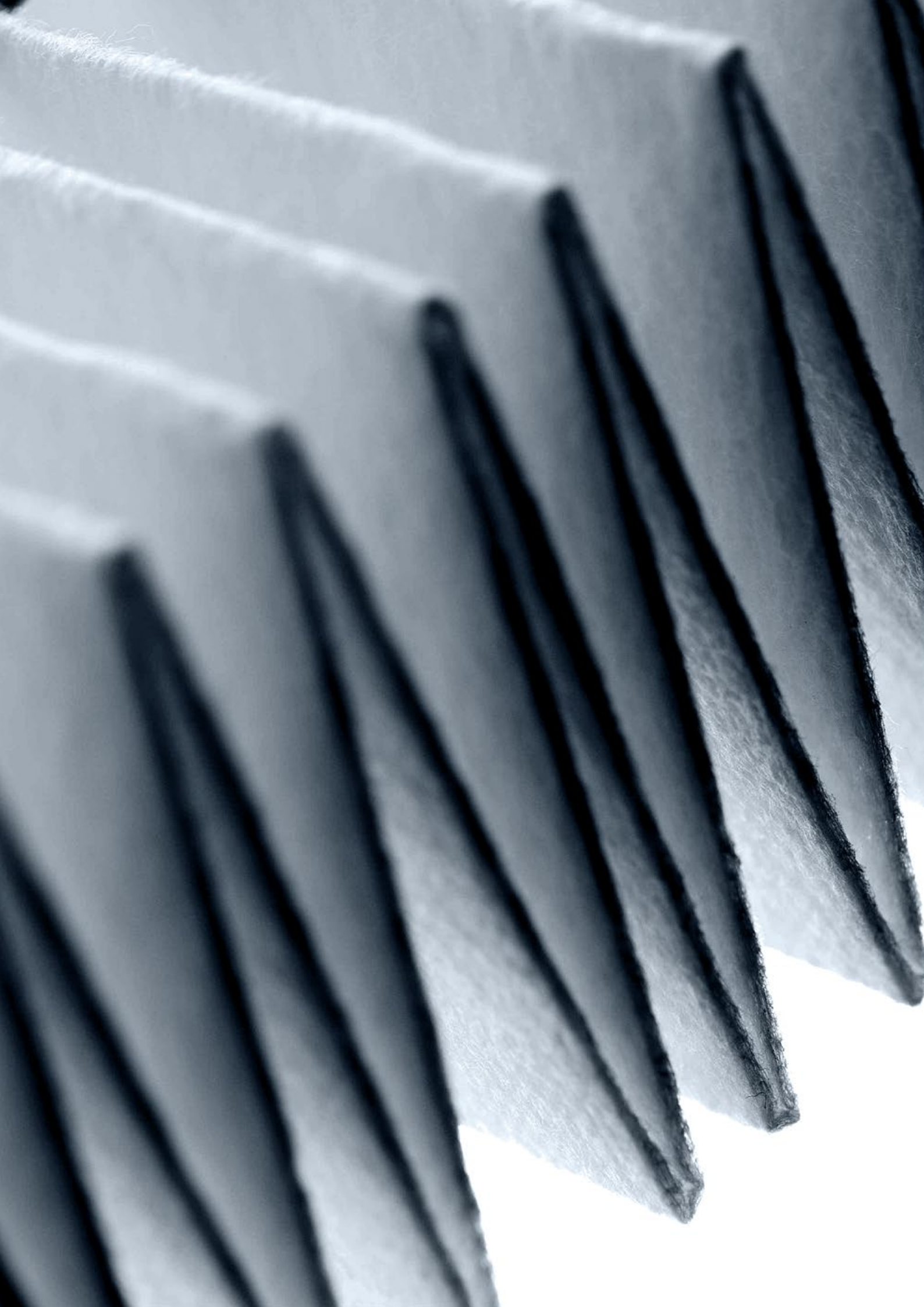
## Advantages

- 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

# 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

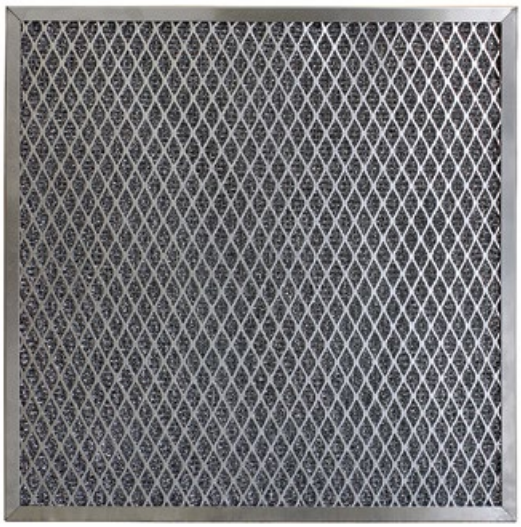
| Part Number | EN 779:2012 Efficiency | ISO 16890 Class | Dimensions | | | Media Area ($m^2$) | Air Flow ($m^3/h$) | Pressure Drop (Pa) |
|---|---|---|---|---|---|---|---|---|
| | | | Width (mm) | Length (mm) | Depth (mm) | | | |
| MSKP-287/592/48-42GNNG | G4 | ISO Coarse 60% | 287 | 592 | 48 | 0,40 | 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 60% |
| **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

# 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

ISO 16890 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

# 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

# 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 *** According to Eurovent 4/21-2019

# 03

## FINE FILTERS
## M5-F9


| | |
|---|---|
| MPS FINE SERIES | 48 |
| MPS FINE PLASTIC SERIES | 50 |
| MPG SERIES | 52 |
| MPF SERIES CARDBOARD | 56 |
| MPF SERIES | 58 |
| MC SERIES | 60 |
| MV-HT PLASTIC SERIES | 62 |
| MV SERIES | 63 |
| MV-ACX SERIES | 64 |
| MVX SERIES | 65 |
| MVEE SERIES | 66 |
| MW SERIES | 67 |
| MV SERIES SINGLE CELL V FILTER | 68 |



# 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

'-' 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

'-' 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

'-' 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

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

# 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<br>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

# 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

# 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

# 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

# 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 | 6,20 | 2250 | 72 | E |
| MCL-492/592/130-6PKNNG-S-H25-NT | M6 | ISO ePM10 70% | 492 | 592 | 130 | 5,10 | 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 | 9,70 | 2750 | 120 | E |
| MCH-292/592/130-6PKNNG-S-H25-NT | M6 | ISO ePM10 65% | 292 | 592 | 130 | 6,20 | 1700 | 120 | E |
| MCL-592/592/130-7PKNNG-S-H25-NT | F7 | ISO ePM1 50% | 592 | 592 | 130 | 6,20 | 2250 | 105 | E |
| MCL-492/592/130-7PKNNG-S-H25-NT | F7 | ISO ePM1 50% | 492 | 592 | 130 | 5,10 | 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 | 9,70 | 2750 | 135 | D |
| MCH-292/592/130-7PKNNG-S-H25-NT | F7 | ISO ePM1 55% | 292 | 592 | 130 | 6,20 | 1700 | 135 | D |

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

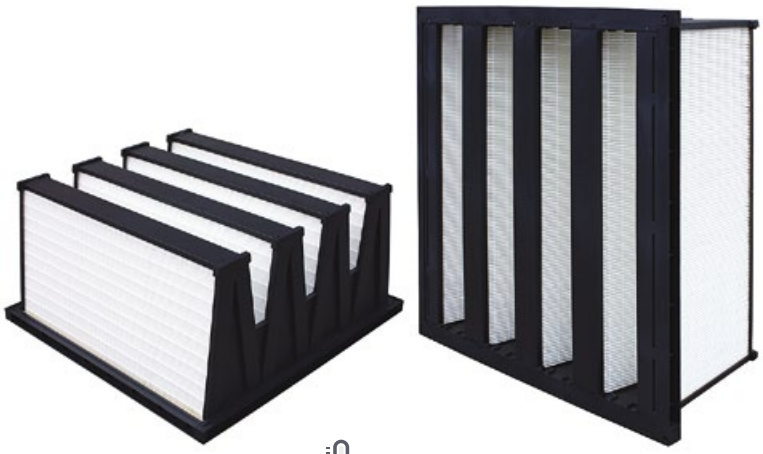
# MC SERIES

| 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 | 6,20 | 2250 | 120 | E |
| MCL-492/592/130-8PKNNG-S-H25-NT | F8 | ISO ePM1 65% | 492 | 592 | 130 | 5,10 | 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 | 9,70 | 2750 | 150 | E |
| MCH-292/592/130-8PKNNG-S-H25-NT | F8 | ISO ePM1 65% | 292 | 592 | 130 | 6,20 | 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 | 9,70 | 2750 | 175 | E |
| MCH-292/592/130-9PKNNG-S-H25-NT | F9 | ISO ePM1 80% | 292 | 592 | 130 | 6,20 | 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 |



120°C

## 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 gr/m2 |
| **Gasket** | Optional |
| **Sealant** | Polyurethane |

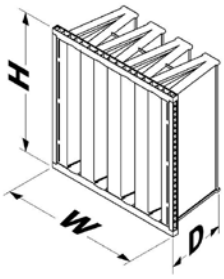


## Applications

- Museums, art galleries, libraries etc.

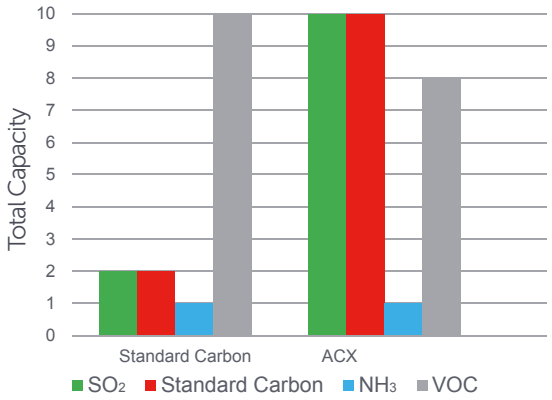
## Advantages

- High air flow

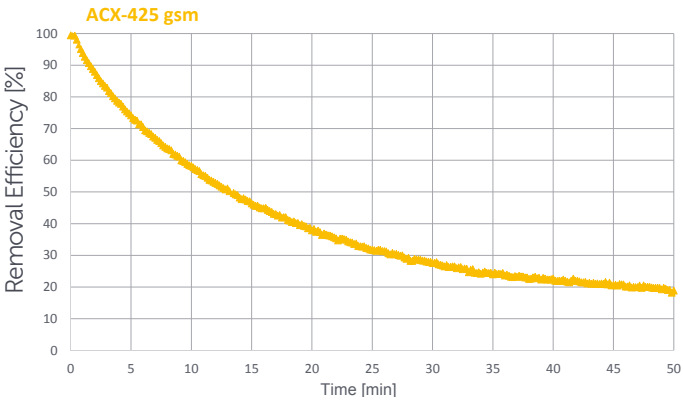



| Part Number | EN 779:2012 Efficiency | Dimensions | | | Media Area ($m^2$) | Air Flow ($m^3/h$) | Pressure Drop (Pa) |
|---|---|---|---|---|---|---|---|
| | | Width (mm) | Length (mm) | Depth (mm) | | | |
| MV-ACX-01 | - | 592 | 292 | 292 | 4,00 | 1700 | 75 |
| MV-ACX-02 | - | 592 | 492 | 292 | 6,50 | 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 *** According to Eurovent 4/21-2019

# 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

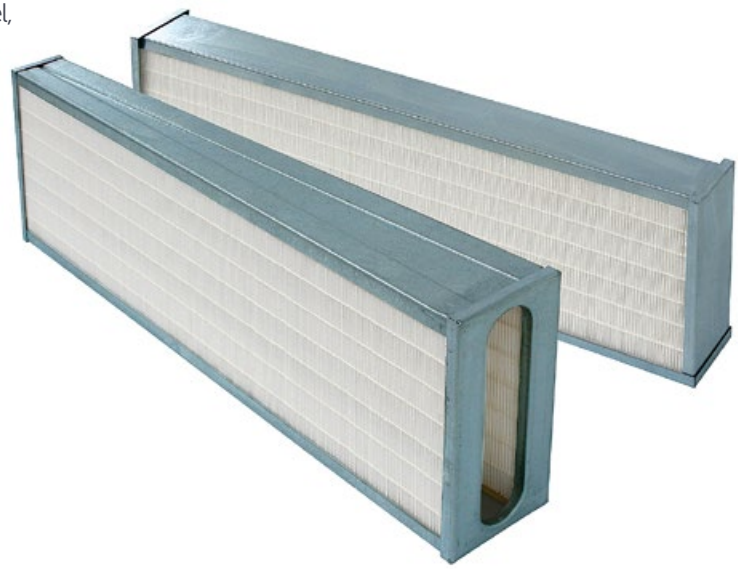
• Compact and economic
• High surface area
• High efficiency

| 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


| | |
|---|---|
| MSKPHT SERIES | **72** |
| MV4HT SERIES | **73** |
| MVHHT SERIES | **74** |
| MPHT SERIES 30-78 mm | **76** |
| MASHT SERIES | **78** |



# HIGH TEMPERATURE FILTERS

# MSKPHT SERIES



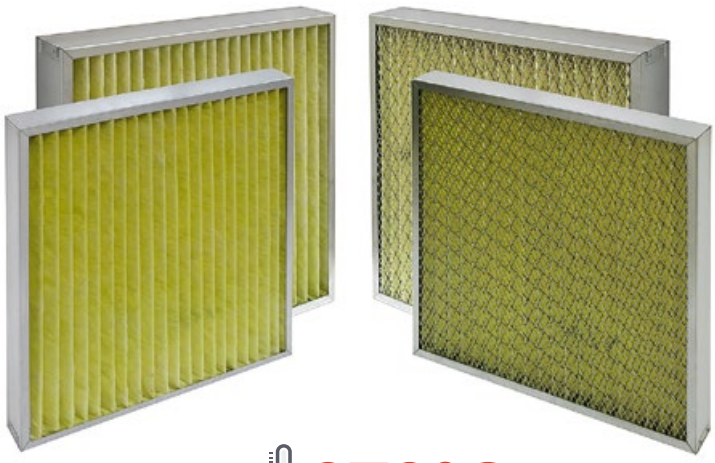
| | |
|---|---|
| **Media** | Glass Fiber |
| **Frame** | Galvanized Steel or Stainless Steel |
| **Final Pressure Drop** | 450 Pa |
| **Operating Temperature** | 270°C |
| **Filter Efficiency*** | M5 |
| **Filter Class**** | ISO ePM10 |
| **Gasket** | High Temperature Gasket |

## 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

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

# 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**

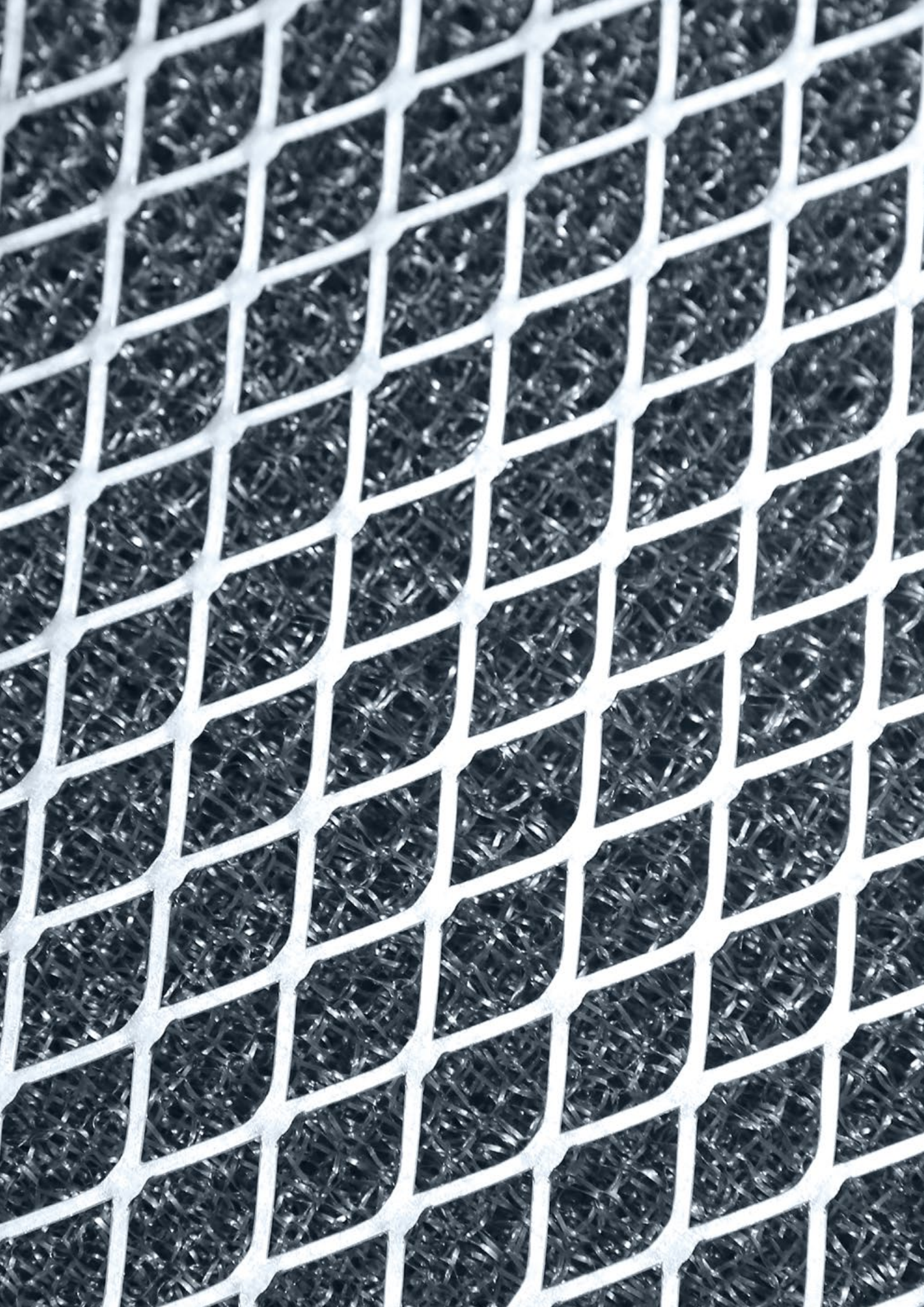
- Air conditioning systems
- Industrial processes



**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

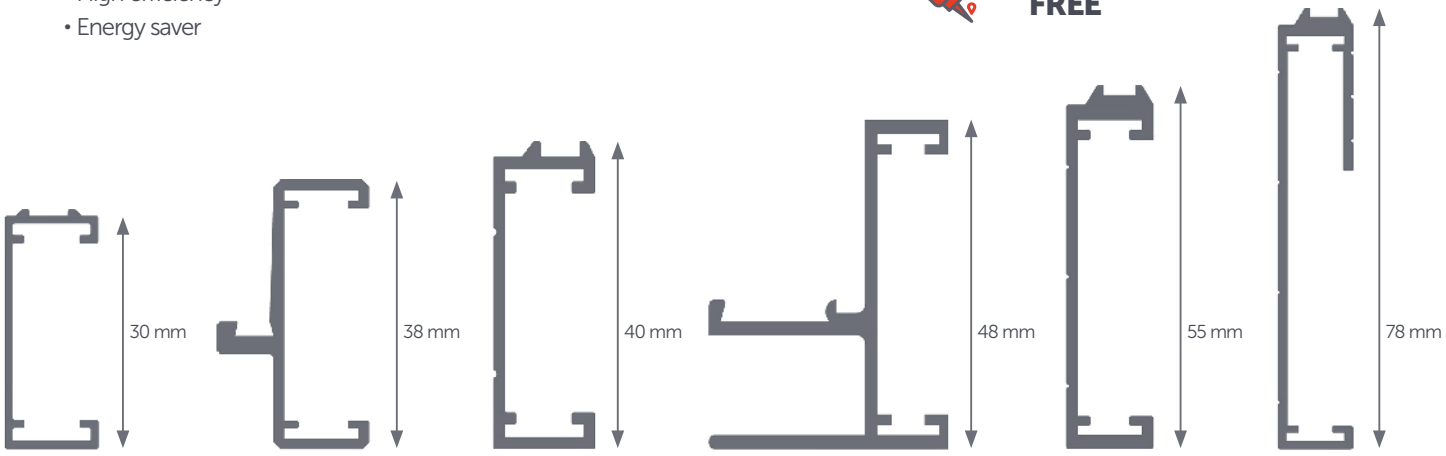
SILICONE FREE

## 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

'-' 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 |

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

'-' 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 | - |

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

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

# 05

## CARBON FILTERS

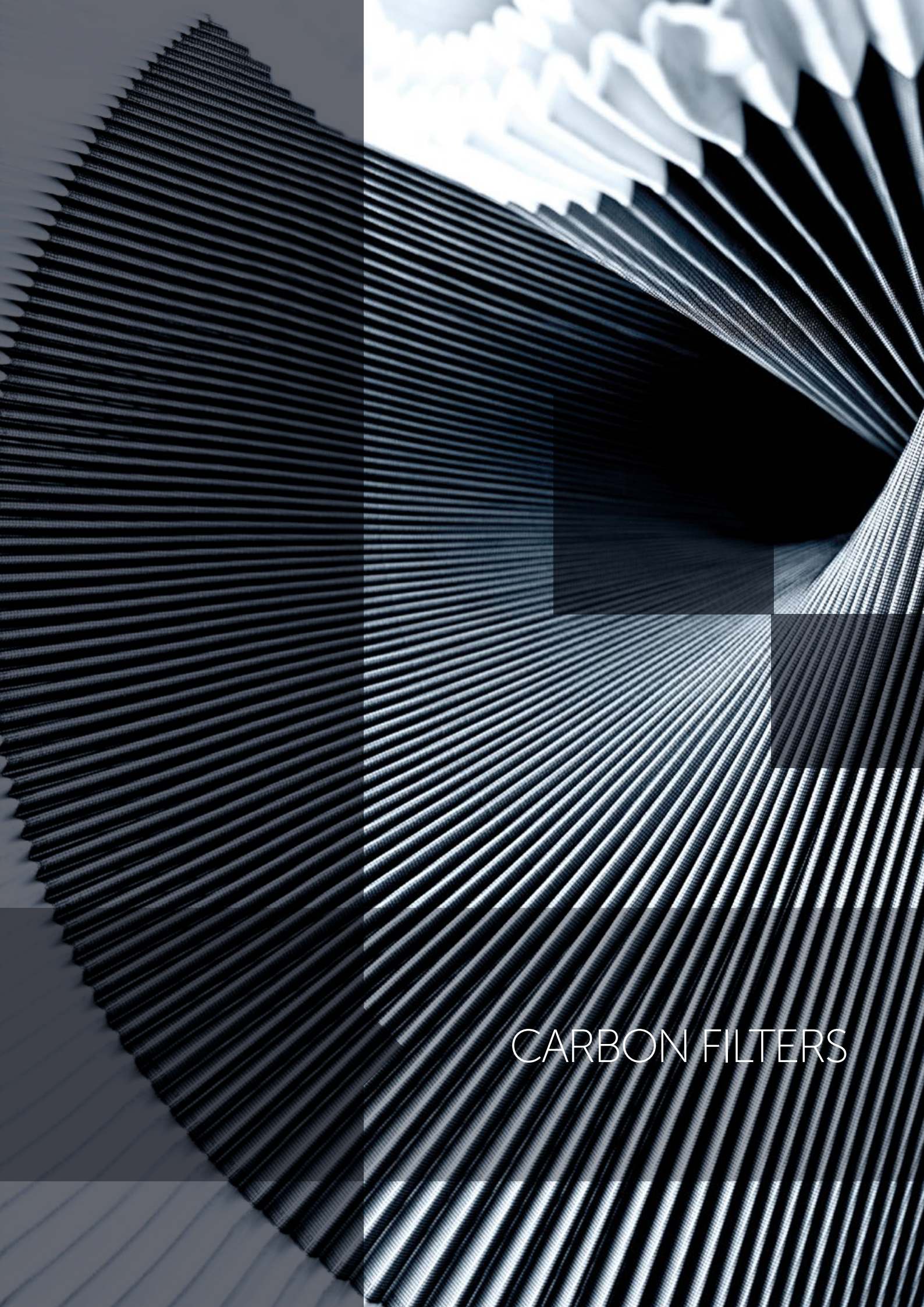

MV-ACP SERIES **82**

ACTIVATED CARBON CARTRIDGES **84**

ACTIVATED CARBON HOUSINGS 84 **84**

ACTIVATED CARBON V CELL FILTERS **85**

ACTIVATED CARBON PANEL FILTERS **85**



# 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 gr/m$^2$ |
| **Gasket** | Optional |
| **Sealant** | Polyurethane |



## Applications

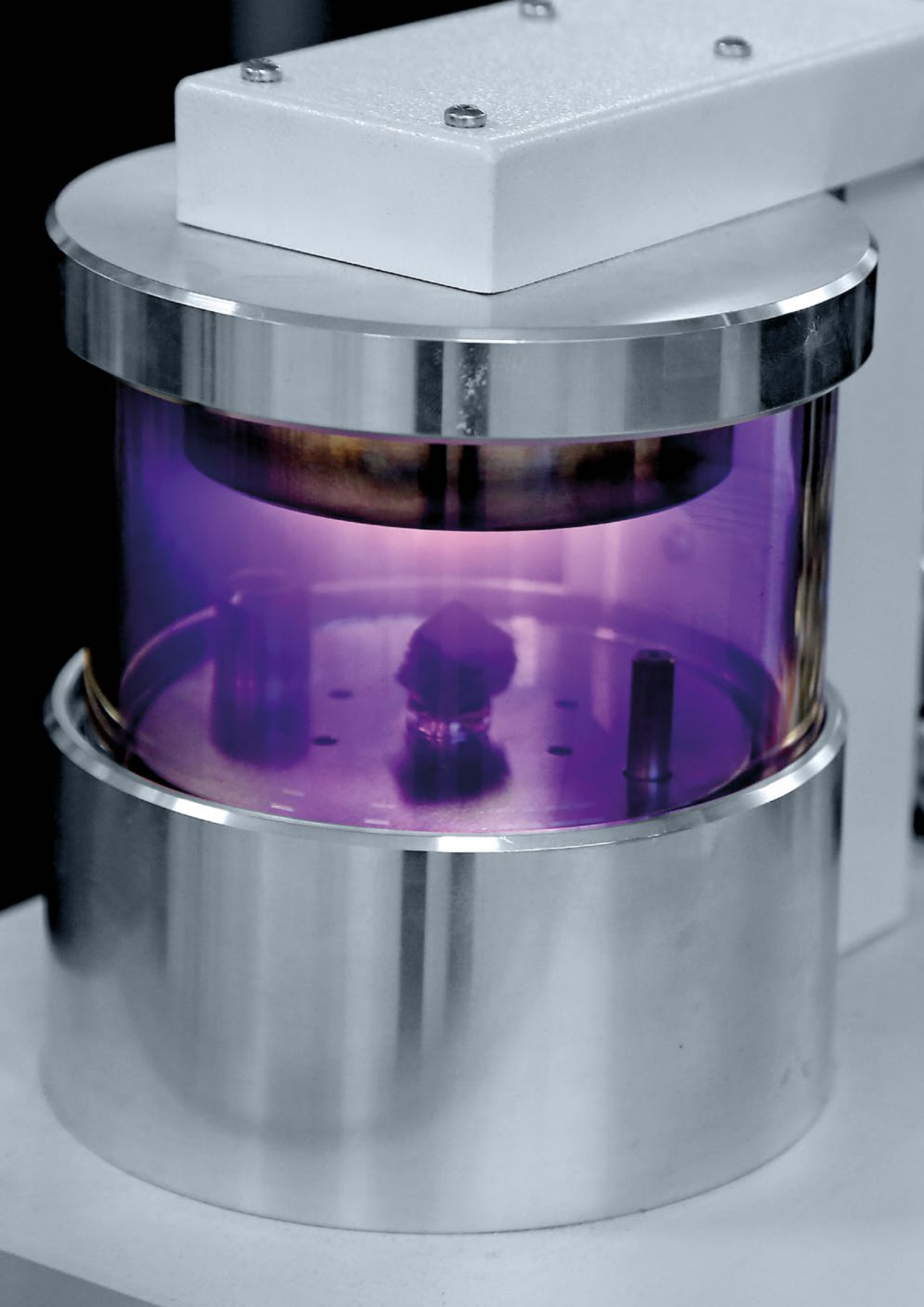
• Deodorization and purfication of gaseous polluants

## 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 |

ISO 16890 CERTIFIED



# ACTIVATED CARBON CARTRIDGES

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

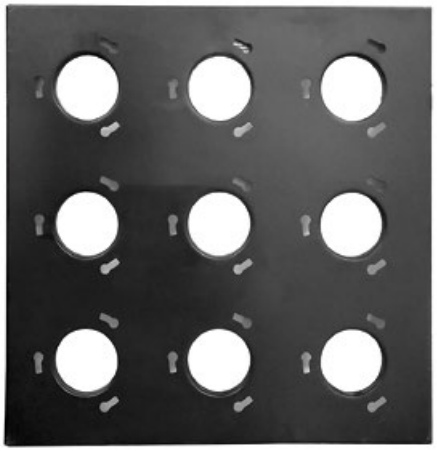


**Applications**

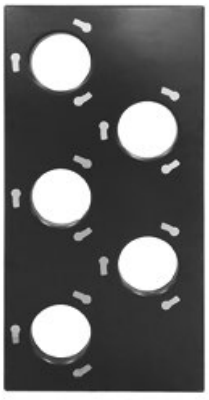
• Absorption of odors and gases

# 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 |



ISO 16890 CERTIFIED

# 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

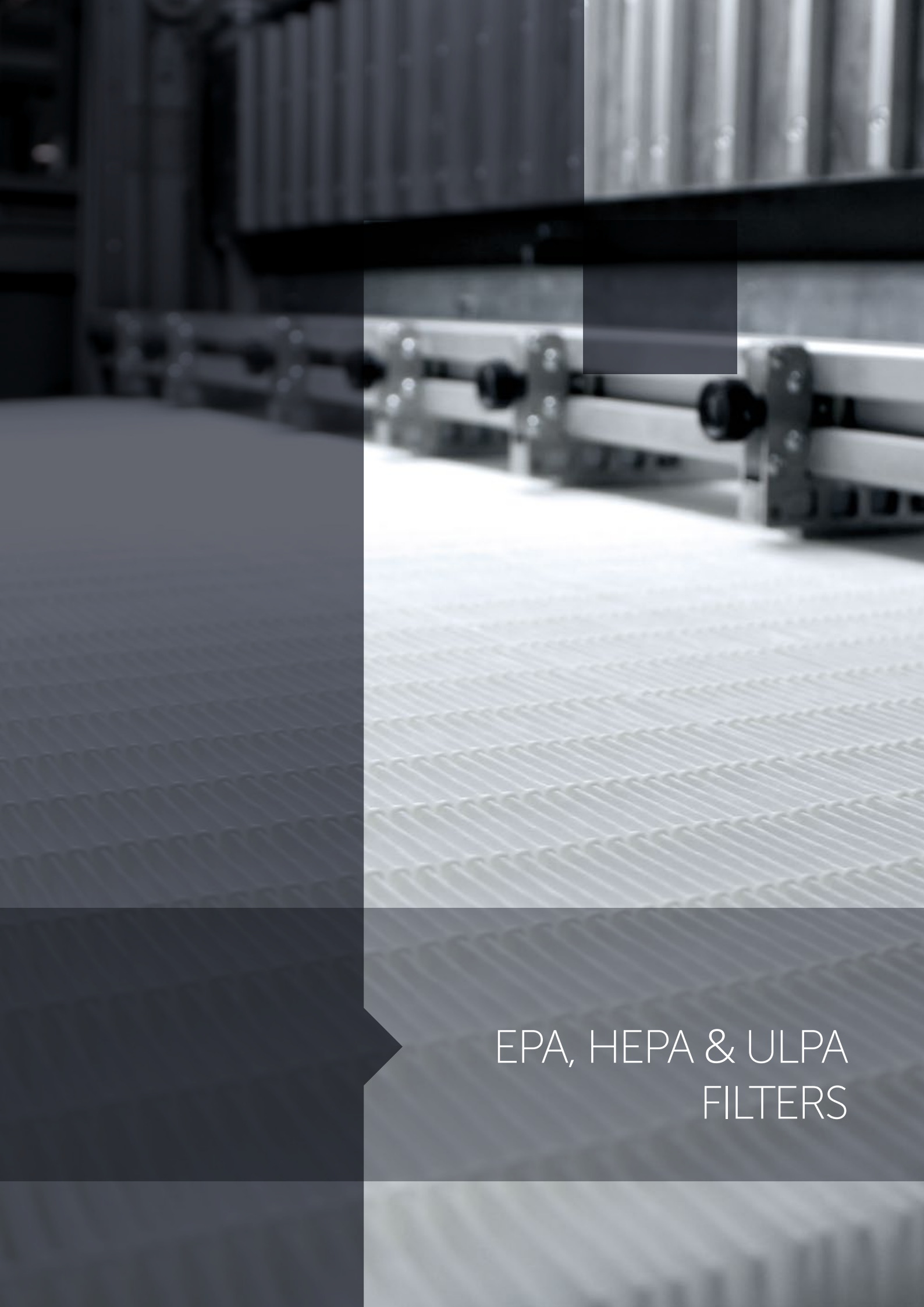
• Absorption of odors and gases

| 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


HFM SERIES ALUMINIUM PROFILE 47 mm 88
HFR SERIES ALUMINIUM PROFILE 55 mm 91
HFN SERIES ALUMINIUM PROFILE 66 mm 94
HFN SERIES ALUMINIUM PROFILE 70 mm 97
HFN SERIES ALUMINIUM PROFILE 78 mm 100
HFN SERIES MDF 78 mm 103
HFN SERIES GEL SEAL 73 mm 106
HFN SERIES GEL SEAL 80 mm 109
HFP SERIES GEL SEAL 88 mm 112
HFP SERIES GEL SEAL 104 mm 115
HFP SERIES ALUMINIUM PROFILE 90 mm 118
HFN SERIES ALUMINIUM PROFILE 150 mm 121
HFN SERIES MDF FRAME 150 mm 124
HFP SERIES ALUMINIUM PROFILE 150 mm 127
HFP SERIES MDF FRAME 150 mm 130
HFS SERIES ALUMINIUM PROFILE 110 mm 133
HFS SERIES ALUMINIUM PROFILE 150 mm 136
HFS SERIES MDF FRAME 150 mm 139
HFH SERIES MDF FRAME 292 mm 142
HFH SERIES SHEET METAL FRAME 292 mm 144
HFX SERIES MDF FRAME 292 mm 146
HFX SERIES SHEET METAL FRAME 292 mm 148
MV HEPA SERIES PLASTIC FRAME 292 mm 150
MVH SERIES PLASTIC FRAME 292 mm 152
MVH SERIES PLASTIC FRAME MAX. FLOW 292 mm 153
MVH SERIES METAL FRAME 292 mm 154
MVH SERIES METAL FRAME MAX. FLOW 292 mm 155
MHH SERIES MICRO HOOD FILTER 125 mm 156
MHH SERIES MICRO HOOD FILTER 150 mm 157

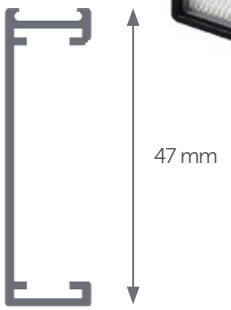


# EPA, HEPA & ULPA FILTERS

# 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 | 1,0 | 75 | 30 |
| HFM-457/457/47-10APD2G | E10 | 457 | 457 | 47 | 2,2 | 167 | 30 |
| HFM-457/610/47-10APD2G | E10 | 457 | 610 | 47 | 2,9 | 225 | 30 |
| HFM-305/610/47-10APD2G | E10 | 305 | 610 | 47 | 1,9 | 150 | 30 |
| HFM-610/610/47-10APD2G | E10 | 610 | 610 | 47 | 3,9 | 300 | 30 |
| HFM-610/915/47-10APD2G | E10 | 610 | 915 | 47 | 5,8 | 450 | 30 |
| HFM-610/1220/47-10APD2G | E10 | 610 | 1220 | 47 | 7,7 | 600 | 30 |
| HFM-610/1524/47-10APD2G | E10 | 610 | 1525 | 47 | 9,7 | 750 | 30 |
| HFM-610/1830/47-10APD2G | E10 | 610 | 1830 | 47 | 11,6 | 900 | 30 |
| HFM-610/762/47-10APD2G | E10 | 610 | 762 | 47 | 4,8 | 375 | 30 |
| HFM-762/762/47-10APD2G | E10 | 762 | 762 | 47 | 6,0 | 467 | 30 |
| HFM-915/915/47-10APD2G | E10 | 915 | 915 | 47 | 8,7 | 675 | 30 |
| HFM-915/1220/47-10APD2G | E10 | 915 | 1220 | 47 | 11,6 | 900 | 30 |
| **E11** | | | | | | | |
| HFM-305/305/47-11APD2G | E11 | 305 | 305 | 47 | 1,0 | 75 | 60 |
| HFM-457/457/47-11APD2G | E11 | 457 | 457 | 47 | 2,2 | 167 | 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 | 2,9 | 225 | 60 |
| HFM-305/610/47-11APD2G | E11 | 305 | 610 | 47 | 1,9 | 150 | 60 |
| HFM-610/610/47-11APD2G | E11 | 610 | 610 | 47 | 3,9 | 300 | 60 |
| HFM-610/915/47-11APD2G | E11 | 610 | 915 | 47 | 5,8 | 450 | 60 |
| HFM-610/1220/47-11APD2G | E11 | 610 | 1220 | 47 | 7,7 | 600 | 60 |
| HFM-610/1524/47-11APD2G | E11 | 610 | 1525 | 47 | 9,7 | 750 | 60 |
| HFM-610/1830/47-11APD2G | E11 | 610 | 1830 | 47 | 11,6 | 900 | 60 |
| HFM-610/762/47-11APD2G | E11 | 610 | 762 | 47 | 4,8 | 375 | 60 |
| HFM-762/762/47-11APD2G | E11 | 762 | 762 | 47 | 6,0 | 467 | 60 |
| HFM-915/915/47-11APD2G | E11 | 915 | 915 | 47 | 8,7 | 675 | 60 |
| HFM-915/1220/47-11APD2G | E11 | 915 | 1220 | 47 | 11,6 | 900 | 60 |
| **E12** | | | | | | | |
| HFM-305/305/47-12APD2G | E12 | 305 | 305 | 47 | 1,0 | 75 | 95 |
| HFM-457/457/47-12APD2G | E12 | 457 | 457 | 47 | 2,2 | 167 | 95 |
| HFM-457/610/47-12APD2G | E12 | 457 | 610 | 47 | 2,9 | 225 | 95 |
| HFM-305/610/47-12APD2G | E12 | 305 | 610 | 47 | 1,9 | 150 | 95 |
| HFM-610/610/47-12APD2G | E12 | 610 | 610 | 47 | 3,9 | 300 | 95 |
| HFM-610/915/47-12APD2G | E12 | 610 | 915 | 47 | 5,8 | 450 | 95 |
| HFM-610/1220/47-12APD2G | E12 | 610 | 1220 | 47 | 7,7 | 600 | 95 |
| HFM-610/1524/47-12APD2G | E12 | 610 | 1525 | 47 | 9,7 | 750 | 95 |
| HFM-610/1830/47-12APD2G | E12 | 610 | 1830 | 47 | 11,6 | 900 | 95 |
| HFM-610/762/47-12APD2G | E12 | 610 | 762 | 47 | 4,8 | 375 | 95 |
| HFM-762/762/47-12APD2G | E12 | 762 | 762 | 47 | 6,0 | 467 | 95 |
| HFM-915/915/47-12APD2G | E12 | 915 | 915 | 47 | 8,7 | 675 | 95 |
| HFM-915/1220/47-12APD2G | E12 | 915 | 1220 | 47 | 11,6 | 900 | 95 |
| **H13** | | | | | | | |
| HFM-305/305/47-13APD2G | H13 | 305 | 305 | 47 | 1,0 | 75 | 120 |
| HFM-457/457/47-13APD2G | H13 | 457 | 457 | 47 | 2,2 | 167 | 120 |
| HFM-457/610/47-13APD2G | H13 | 457 | 610 | 47 | 2,9 | 225 | 120 |
| HFM-305/610/47-13APD2G | H13 | 305 | 610 | 47 | 1,9 | 150 | 120 |
| HFM-610/610/47-13APD2G | H13 | 610 | 610 | 47 | 3,9 | 300 | 120 |
| HFM-610/915/47-13APD2G | H13 | 610 | 915 | 47 | 5,8 | 450 | 120 |
| HFM-610/1220/47-13APD2G | H13 | 610 | 1220 | 47 | 7,7 | 600 | 120 |
| HFM-610/1524/47-13APD2G | H13 | 610 | 1525 | 47 | 9,7 | 750 | 120 |
| HFM-610/1830/47-13APD2G | H13 | 610 | 1830 | 47 | 11,6 | 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 | 4,8 | 375 | 120 |
| HFM-762/762/47-13APD2G | H13 | 762 | 762 | 47 | 6,0 | 467 | 120 |
| HFM-915/915/47-13APD2G | H13 | 915 | 915 | 47 | 8,7 | 675 | 120 |
| HFM-915/1220/47-13APD2G | H13 | 915 | 1220 | 47 | 11,6 | 900 | 120 |
| **H14** | | | | | | | |
| HFM-305/305/47-14APD2G | H14 | 305 | 305 | 47 | 1,0 | 75 | 130 |
| HFM-457/457/47-14APD2G | H14 | 457 | 457 | 47 | 2,2 | 167 | 130 |
| HFM-457/610/47-14APD2G | H14 | 457 | 610 | 47 | 2,9 | 225 | 130 |
| HFM-305/610/47-14APD2G | H14 | 305 | 610 | 47 | 1,9 | 150 | 130 |
| HFM-610/610/47-14APD2G | H14 | 610 | 610 | 47 | 3,9 | 300 | 130 |
| HFM-610/915/47-14APD2G | H14 | 610 | 915 | 47 | 5,8 | 450 | 130 |
| HFM-610/1220/47-14APD2G | H14 | 610 | 1220 | 47 | 7,7 | 600 | 130 |
| HFM-610/1524/47-14APD2G | H14 | 610 | 1524 | 47 | 9,7 | 750 | 130 |
| HFM-610/1830/47-14APD2G | H14 | 610 | 1830 | 47 | 11,6 | 900 | 130 |
| HFM-610/762/47-14APD2G | H14 | 610 | 762 | 47 | 4,8 | 375 | 130 |
| HFM-762/762/47-14APD2G | H14 | 762 | 762 | 47 | 6,0 | 467 | 130 |
| HFM-915/915/47-14APD2G | H14 | 915 | 915 | 47 | 8,7 | 675 | 130 |
| HFM-915/1220/47-14APD2G | H14 | 915 | 1220 | 47 | 11,6 | 900 | 130 |
| **U15** | | | | | | | |
| HFM-305/305/47-15APD2G | U15 | 305 | 305 | 47 | 1,0 | 75 | 190 |
| HFM-457/457/47-15APD2G | U15 | 457 | 457 | 47 | 2,2 | 167 | 190 |
| HFM-457/610/47-15APD2G | U15 | 457 | 610 | 47 | 2,9 | 225 | 190 |
| HFM-305/610/47-15APD2G | U15 | 305 | 610 | 47 | 1,9 | 150 | 190 |
| HFM-610/610/47-15APD2G | U15 | 610 | 610 | 47 | 3,9 | 300 | 190 |
| HFM-610/915/47-15APD2G | U15 | 610 | 915 | 47 | 5,8 | 450 | 190 |
| HFM-610/1220/47-15APD2G | U15 | 610 | 1220 | 47 | 7,7 | 600 | 190 |
| HFM-610/1524/47-15APD2G | U15 | 610 | 1525 | 47 | 9,7 | 750 | 190 |
| HFM-610/1830/47-15APD2G | U15 | 610 | 1830 | 47 | 11,6 | 900 | 190 |
| HFM-610/762/47-15APD2G | U15 | 610 | 762 | 47 | 4,8 | 375 | 190 |
| HFM-762/762/47-15APD2G | U15 | 762 | 762 | 47 | 6,0 | 467 | 190 |
| HFM-915/915/47-15APD2G | U15 | 915 | 915 | 47 | 8,7 | 675 | 190 |
| HFM-915/1220/47-15APD2G | U15 | 915 | 1220 | 47 | 11,6 | 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

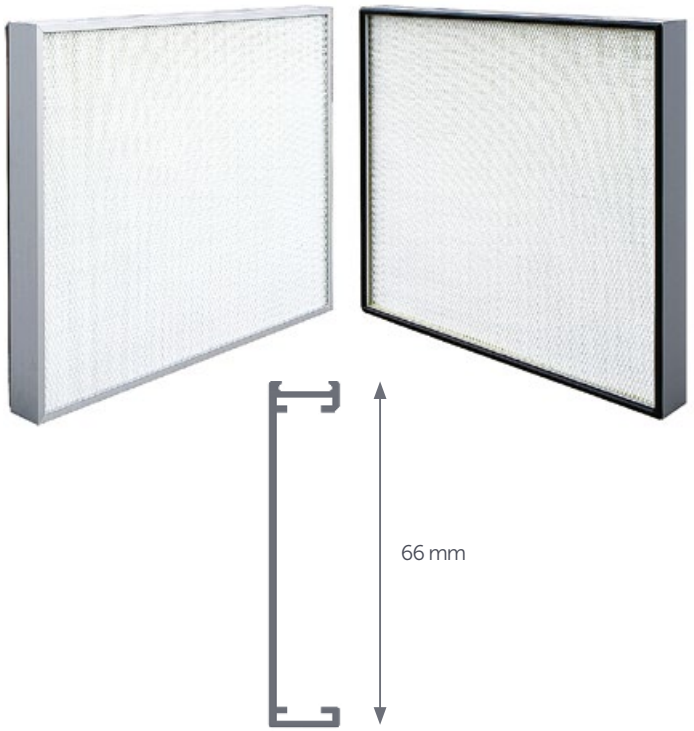
# HFR SERIES ALUMINIUM PROFILE 55 mm

| 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

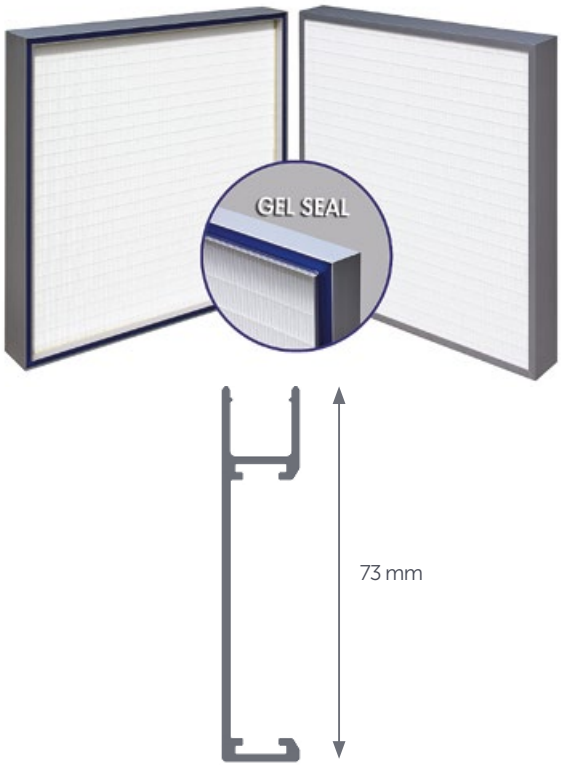
# HFN SERIES MDF 78 mm

| 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

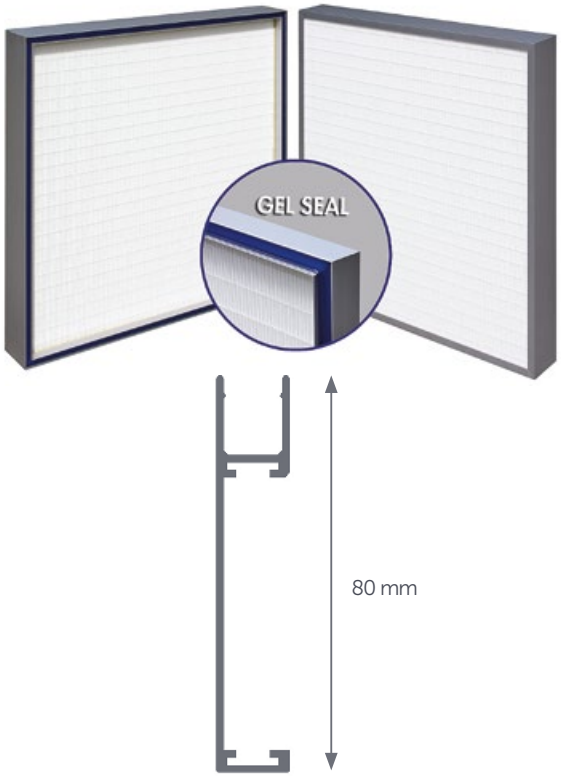
# HFN SERIES GEL SEAL 73 mm

| 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 |



80 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-305/305/80-10APJ2G | 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

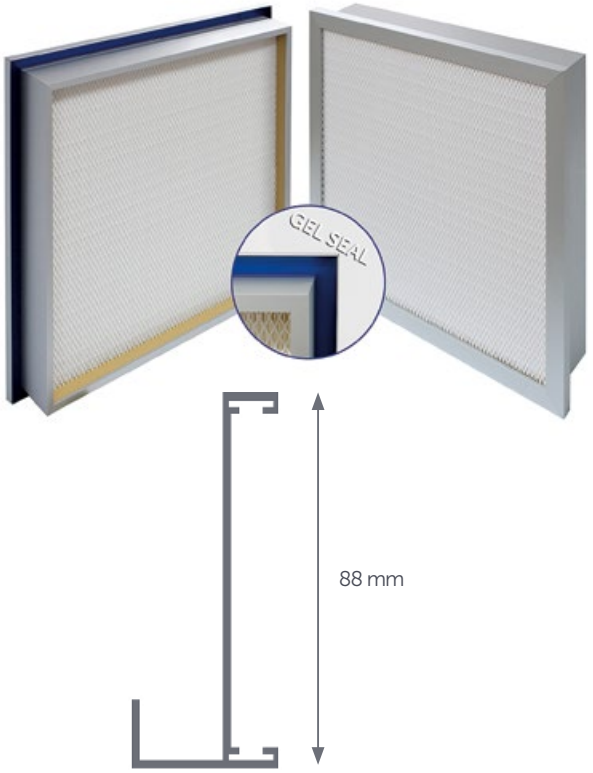
# HFN SERIES GEL SEAL 80 mm

| 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

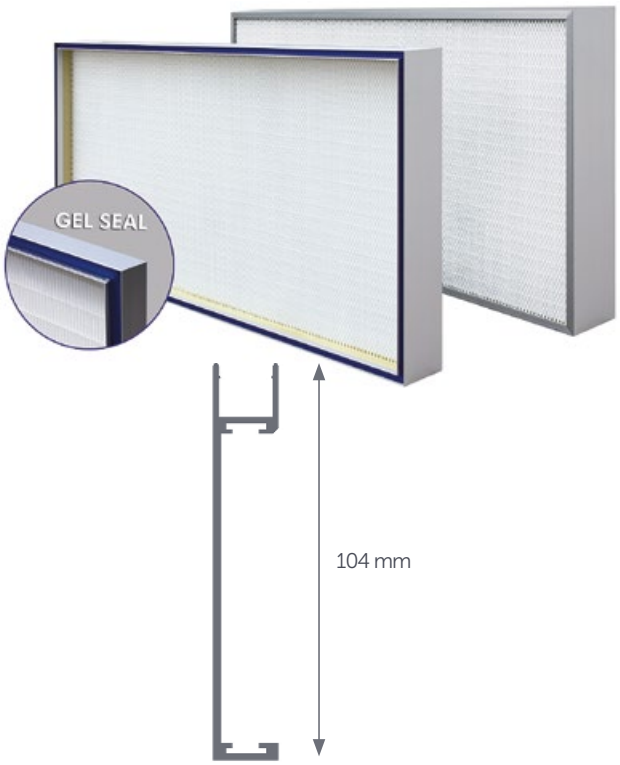
# HFP SERIES GEL SEAL 88 mm

| 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 |

## Applications

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

## Advantages

- HFP product line fully meets the requirements for VDI 6022






90 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** | | | | | | | |
| 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

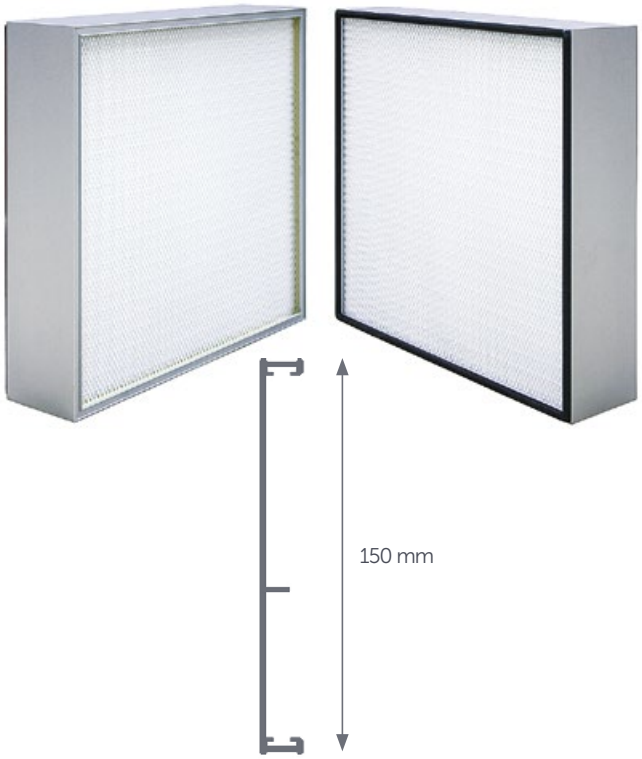
# HFP SERIES ALUMINIUM PROFILE 90 mm

| 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

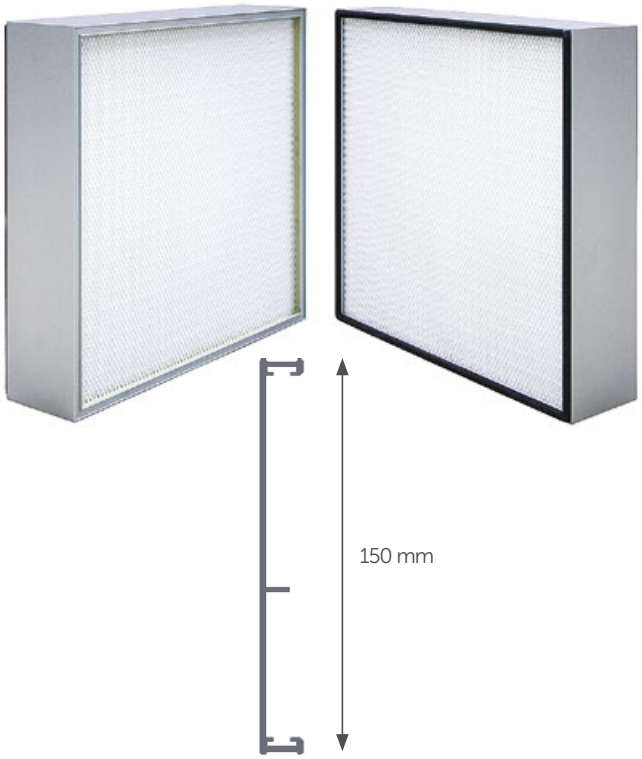
# HFN SERIES MDF FRAME 150 mm

| 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

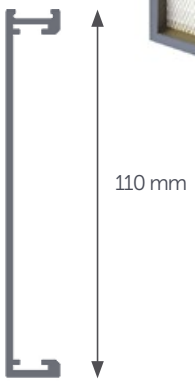
| Part Number | Filter Class EN 1822 | Dimensions | | | Media Area ($m^2$) | Air Flow ($m^3/h$) | Pressure Drop (Pa) |
|---|---|---|---|---|---|---|---|
| | | Width (mm) | Length (mm) | Depth (mm) | | | |
| HFP-610/762/150-13PD | H13 | 610 | 762 | 150 | 15,6 | 1870 | 250 |
| HFP-762/762/150-13PD | H13 | 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

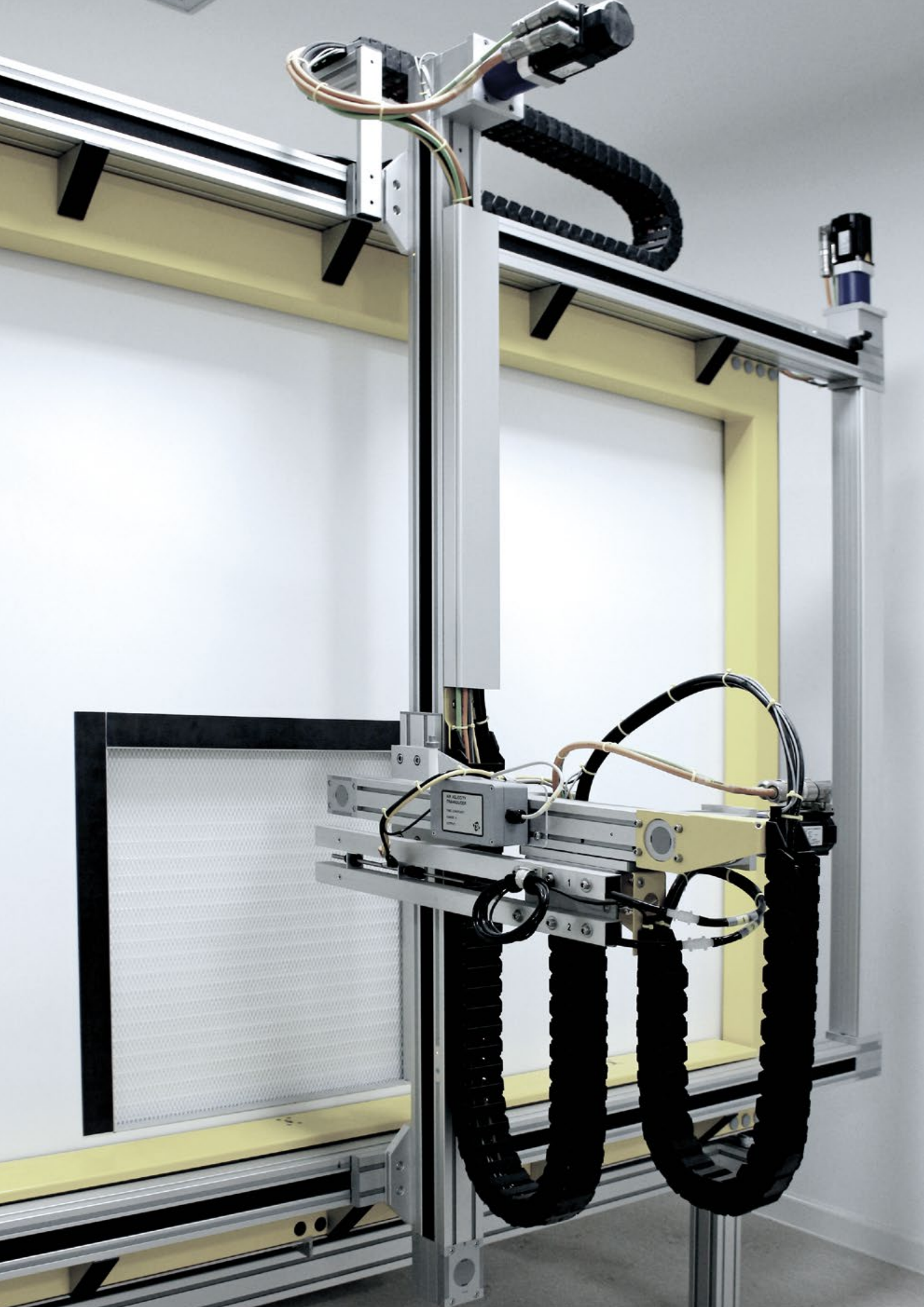
- Air conditioning systems (Hospitals, Laboratories, Museums)
- Industrial processes (Pharmaceutical, Food, Microelectronics)

## 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 | E11 | 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-457/610/292-10PKD | E10 | 457 | 610 | 292 | 24,0 | 3750 | 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-457/610/292-11PKD | E11 | 457 | 610 | 292 | 26,0 | 3520 | 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-457/610/292-12PKD | E12 | 457 | 610 | 292 | 26,0 | 2700 | 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-457/610/292-13PKD | H13 | 457 | 610 | 292 | 26,0 | 2550 | 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-457/610/292-14PKD | H14 | 457 | 610 | 292 | 26,0 | 2100 | 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<br>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-20$m^2$ | E10 | 305 | 610 | 292 | 20,0 | 2750 | 250 |
| MVH-457/610/292-10PKD-30$m^2$ | E10 | 457 | 610 | 292 | 30,0 | 4120 | 250 |
| MVH-610/610/292-10PKD-40$m^2$ | E10 | 610 | 610 | 292 | 40,0 | 5500 | 250 |
| **E11** | | | | | | | |
| MVH-305/610/292-11PKD-20$m^2$ | E11 | 305 | 610 | 292 | 20,0 | 2500 | 250 |
| MVH-457/610/292-11PKD-30$m^2$ | E11 | 457 | 610 | 292 | 30,0 | 3750 | 250 |
| MVH-610/610/292-11PKD-40$m^2$ | E11 | 610 | 610 | 292 | 40,0 | 5000 | 250 |
| **E12** | | | | | | | |
| MVH-305/610/292-12PKD-20$m^2$ | E12 | 305 | 610 | 292 | 20,0 | 2000 | 250 |
| MVH-457/610/292-12PKD-30$m^2$ | E12 | 457 | 610 | 292 | 30,0 | 3000 | 250 |
| MVH-610/610/292-12PKD-40$m^2$ | E12 | 610 | 610 | 292 | 40,0 | 4000 | 250 |
| **H13** | | | | | | | |
| MVH-305/610/292-13PKD-20$m^2$ | H13 | 305 | 610 | 292 | 20,0 | 2000 | 280 |
| MVH-457/610/292-13PKD-30$m^2$ | H13 | 457 | 610 | 292 | 30,0 | 3000 | 280 |
| MVH-610/610/292-13PKD-40$m^2$ | H13 | 610 | 610 | 292 | 40,0 | 4000 | 280 |
| **H14** | | | | | | | |
| MVH-305/610/292-14PKD-20$m^2$ | H14 | 305 | 610 | 292 | 20,0 | 1600 | 280 |
| MVH-457/610/292-14PKD-30$m^2$ | H14 | 457 | 610 | 292 | 30,0 | 2400 | 280 |
| MVH-610/610/292-14PKD-40$m^2$ | 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

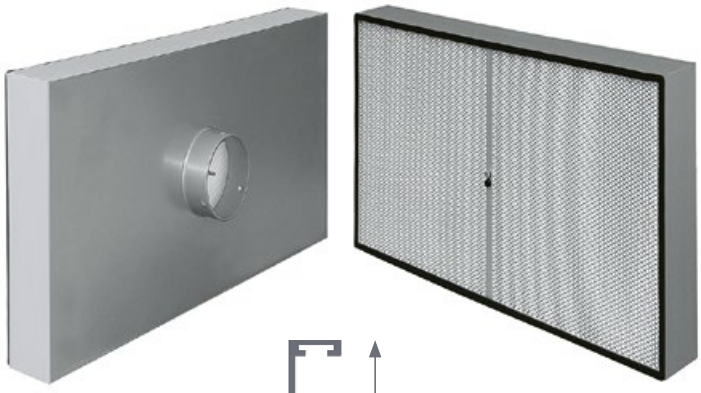
- Strong frame
- High flow applications
- MVH product line fully meets the requirements for VDI 6022

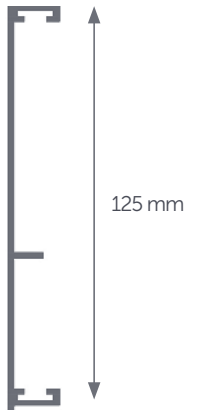
| Part Number | Filter Class EN 1822 | Dimensions | | | Media Area ($m^2$) | Air Flow ($m^3/h$) | Pressure Drop (Pa) |
|---|---|---|---|---|---|---|---|
| | | Width (mm) | Length (mm) | Depth (mm) | | | |
| **E10** | | | | | | | |
| MVH-305/305/292-10GD-10m² | E10 | 305 | 305 | 292 | 10,0 | 1375 | 250 |
| 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

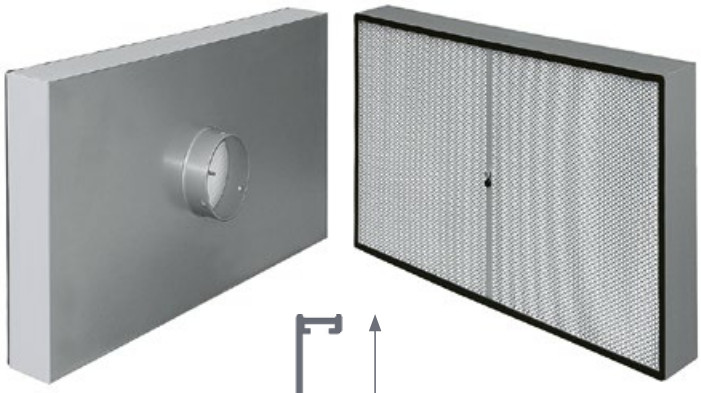
| | |
|---|---|
| **Media** | Microglass Fiber |
| **Frame** | Extruded Anodized Aluminium |
| **Final Pressure Drop** | 600 Pa |
| **Operating Temperature** | 80°C |
| **Filter Efficiency**** | E10-U15 |
| **Collar Dimensions** | 150 mm, 200 mm, 250 mm, 300 mm, 400 mm |
| **Collar Height** | 65 mm |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

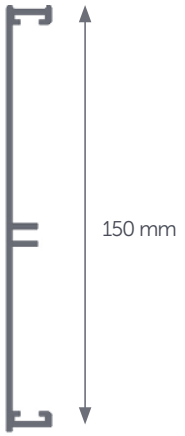
## Applications

- 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

# 07

## HEPA HOUSING


| | |
|---|---|
| H-BOX STC SERIES | 160 |
| H-BOX LTC SERIES | 161 |
| H-BOX SSC SERIES | 162 |
| H-BOX LSC SERIES | 163 |



# HEPA HOUSING

# H-BOX STC SERIES

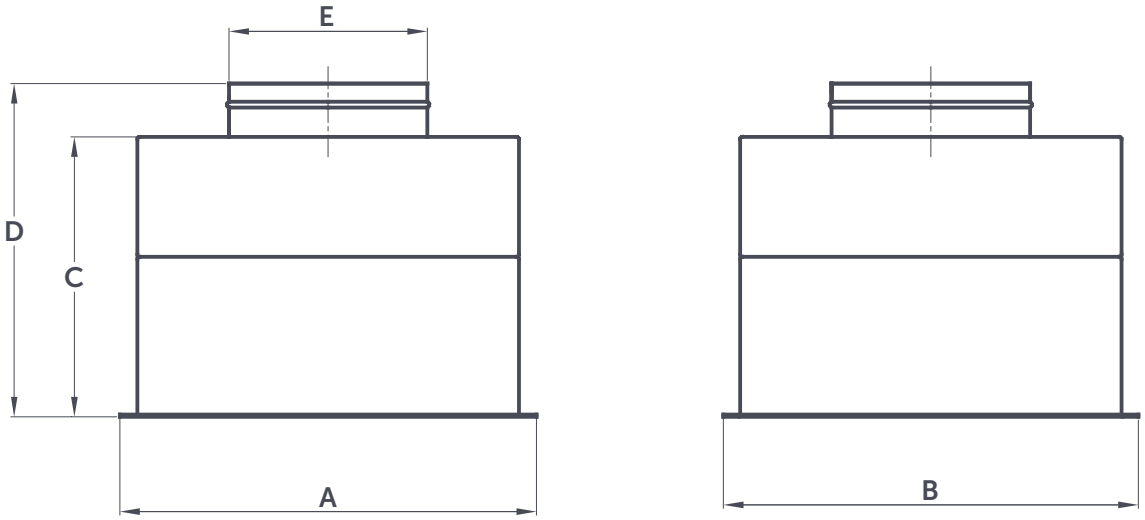
## Applications

- 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 |

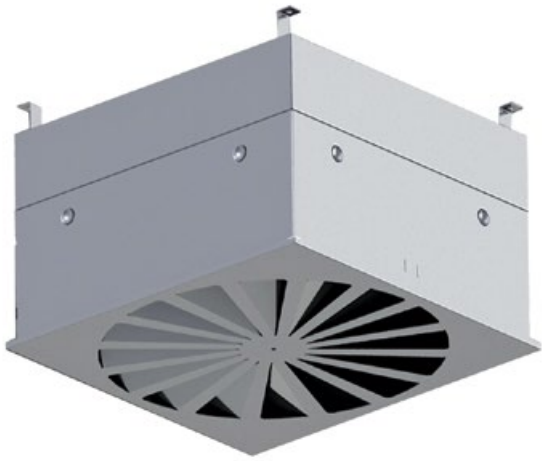
| Code | Dimensions of Filter | | | Collar Ø (mm) | Dimensions of HBOX (mm) | | | | |
|---|---|---|---|---|---|---|---|---|---|
| | Width (mm) | Length (mm) | Depth (mm) | | A | B | C | D | E |
| HBOX-305/305/70-STC-C150-DSW | 305 | 305 | 70/78/90/110 | 150 | 352 | 352 | 350 | 430 | 150 |
| HBOX-457/457/70-STC-C200-DSW | 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

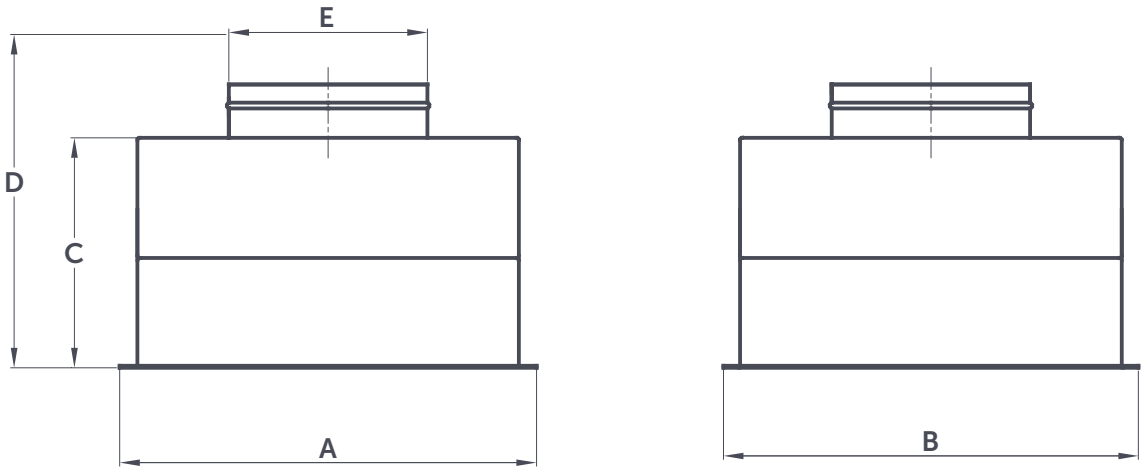
## Applications

- 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 |



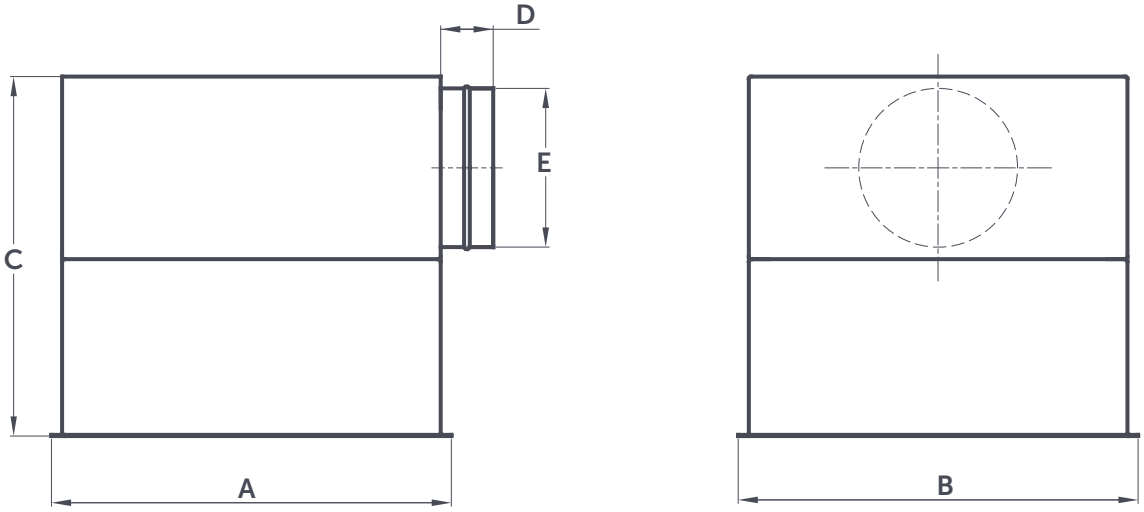

ISO 16890 CERTIFIED

# 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

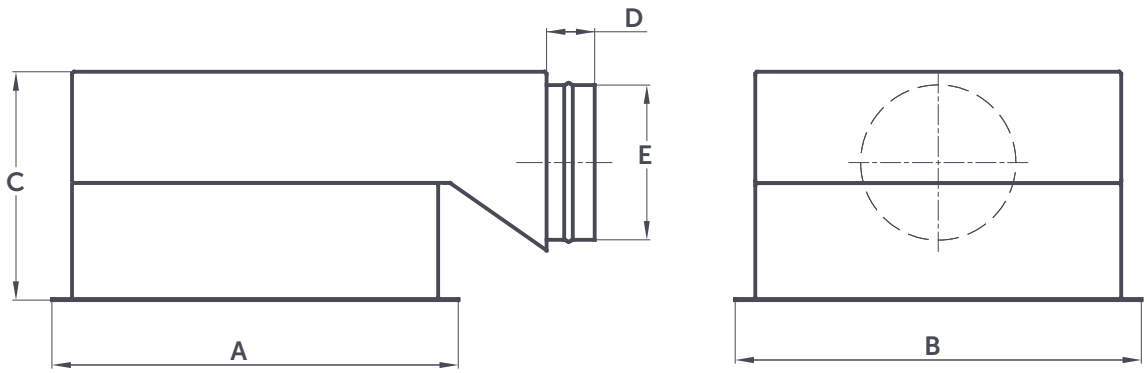
## Applications

- 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 |

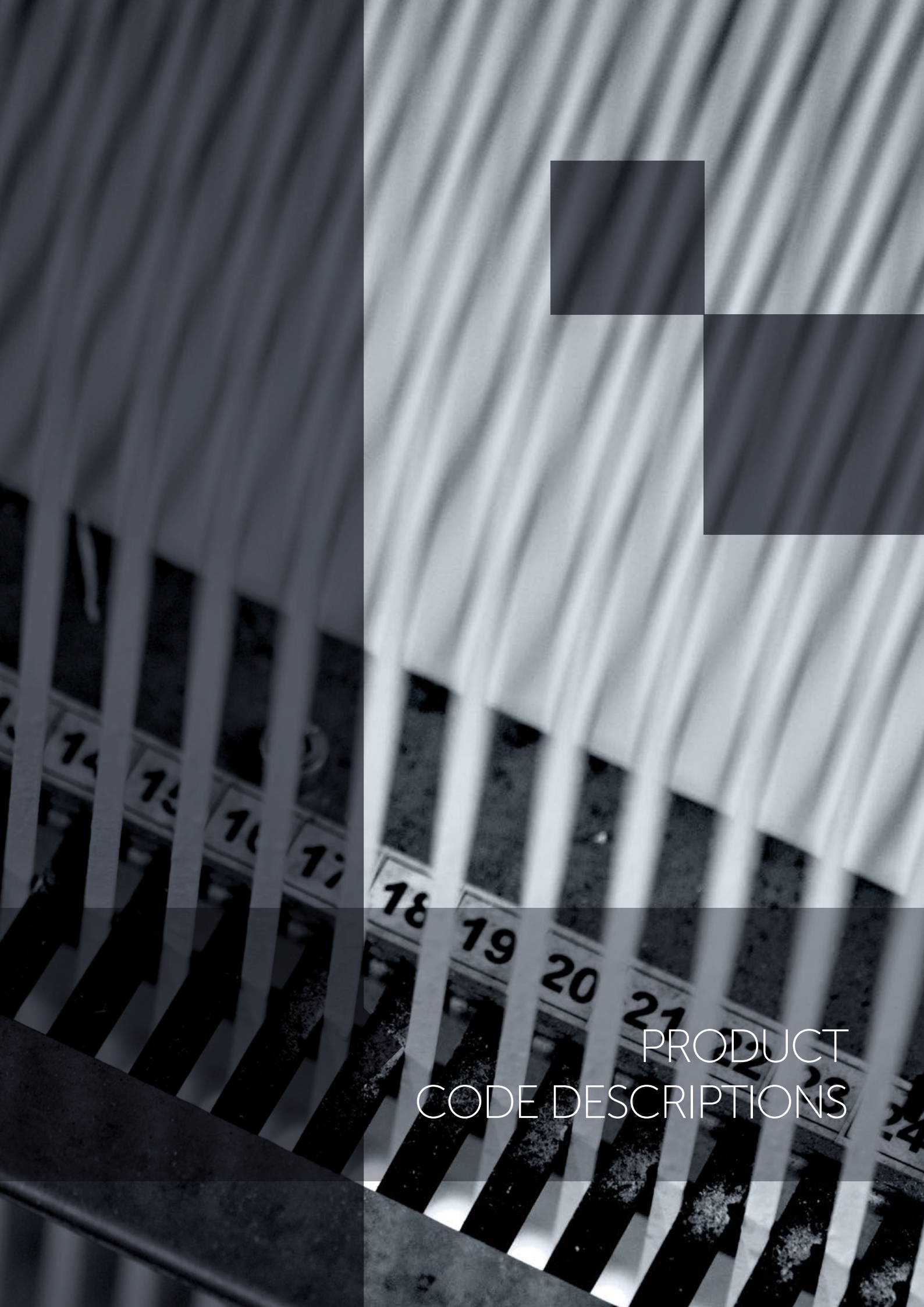
| Code | Dimensions of Filter | | | Collar Ø (mm) | Dimensions of HBOX (mm) | | | | |
|---|---|---|---|---|---|---|---|---|---|
| | Width (mm) | Length (mm) | Depth (mm) | | A | B | C | D | E |
| HBOX-305/305/70-LSC-C150-DSW | 305 | 305 | 70/78 | 150 | 352 | 352 | 255 | 80 | 150 |
| HBOX-457/457/70-LSC-C200-DSW | 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 |



# 08

## PRODUCT CODE DESCRIPTIONS


| | |
|---|---|
| MPM SERIES | 166 |
| MPP SERIES | 166 |
| MGP SERIES | 166 |
| MSKPN SERIES | 167 |
| MSKP SERIES | 168 |
| MSKP MESH SERIES | 168 |
| MPS-MPG SERIES | 169 |
| MPR SERIES | 169 |
| MPF SERIES | 170 |
| MPHT SERIES | 170 |
| MC SERIES | 171 |
| MV4HT SERIES | 171 |
| MAS-MASHT SERIES | 172 |
| V FILTER SERIES | 173 |
| HEPA SERIES | 174 |
| HEPA HOOD SERIES | 175 |
| MVH SERIES | 176 |



# 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 |

| Efficiency | Description |
|---|---|
| 4K | G4 |

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

| 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

## PRODUCT CODE DESCRIPTIONS

| 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 |

mikropor

Ahi Evran OSB Mah. Oğuz Cad. No: 5 Sincan, 06935, Ankara-Türkiye

+90 312 267 0700 mikropor@mikropor.com

mikropor

www.mikropor.com

090524

All rights reserved. © 2019, Mikropor. No part of this publication may be published, changed or reproduced in any form without permission.