



**mikropor**

Manufacturing Forward

# AIR FILTRATION

PRODUCT CATALOG





**mikropor**



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## **BREATHE A SIGH OF RELIEF WITH MIKROPOR**

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

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

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

\* [www.who.int](http://www.who.int)





# 01

## OUR COMPANY

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

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

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

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

## **MIKROPOR SOLUTIONS IN HVAC APPLICATIONS**

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

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

## **GAS TURBINE AIR INTAKE SYSTEMS**

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



## 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 the EN 1822 test standard. All EPA, HEPA & ULPA class filters are delivered with test certificates.

## **MIKROPOR SOLUTIONS IN HVAC APPLICATIONS**

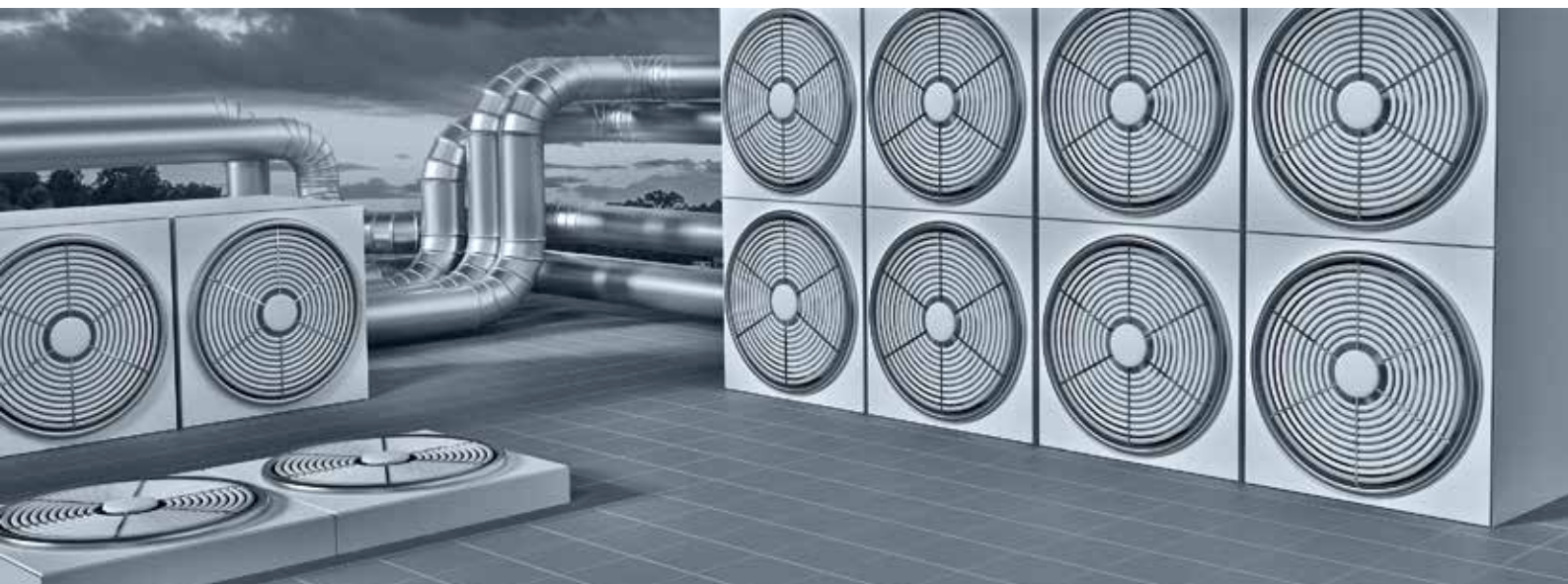
# FOOD AND BEVERAGE INDUSTRY

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.





► **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



**16890**

## 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                      | $50 \leq Am \leq 65$                     | -                                     | -  |
|                            | G2    | 250                      | $65 \leq Am \leq 80$                     | -                                     | -  |
|                            | G3    | 250                      | $80 \leq Am \leq 90$                     | -                                     | -  |
|                            | G4    | 250                      | $90 \geq Am$                             | -                                     | -  |
| Medium                     | M5    | 450                      | -  | $40 \leq Em \leq 60$                  | -  |
|                            | M6    | 450                      | -  | $60 \leq Em \leq 80$                  | -  |
| Fine                       | F7    | 450                      | -  | $80 \leq Em \leq 90$                  | 35                                       |
|                            | F8    | 450                      | -  | $90 \leq Em \leq 95$                  | 55                                       |
|                            | F9    | 450                      | -  | $95 \leq Em$                          | 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.

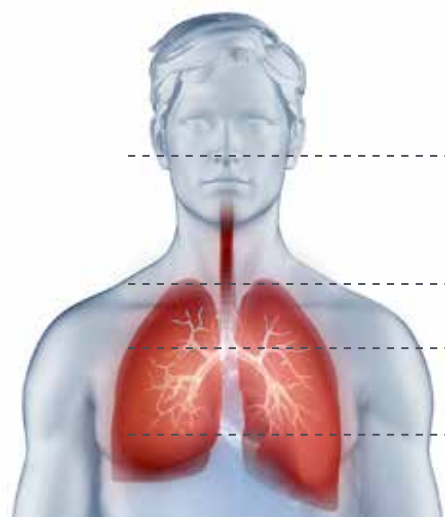
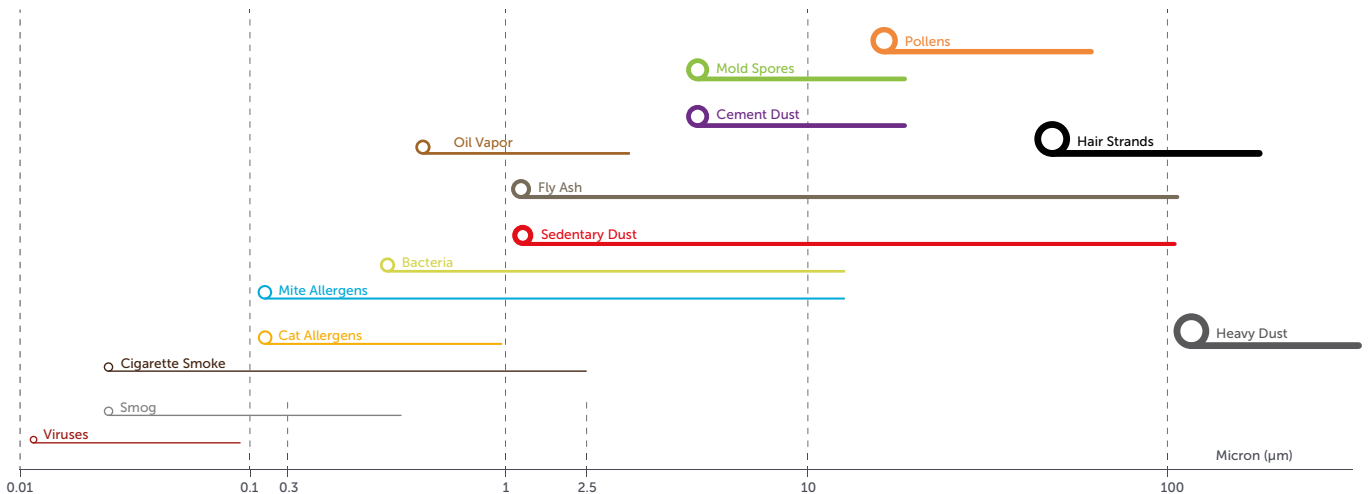
For instance, if a filter can capture more than 50% of PM1\* particles, it is classified as a ISO ePM1 filter.

\*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                        | $0.3 \geq x \geq 10$  |
| ePM2.5                       | $0.3 \geq x \geq 2.5$ |
| ePM1                         | $0.3 \geq x \geq 1$   |

## SIZE OF POLLUTANTS IN AIR

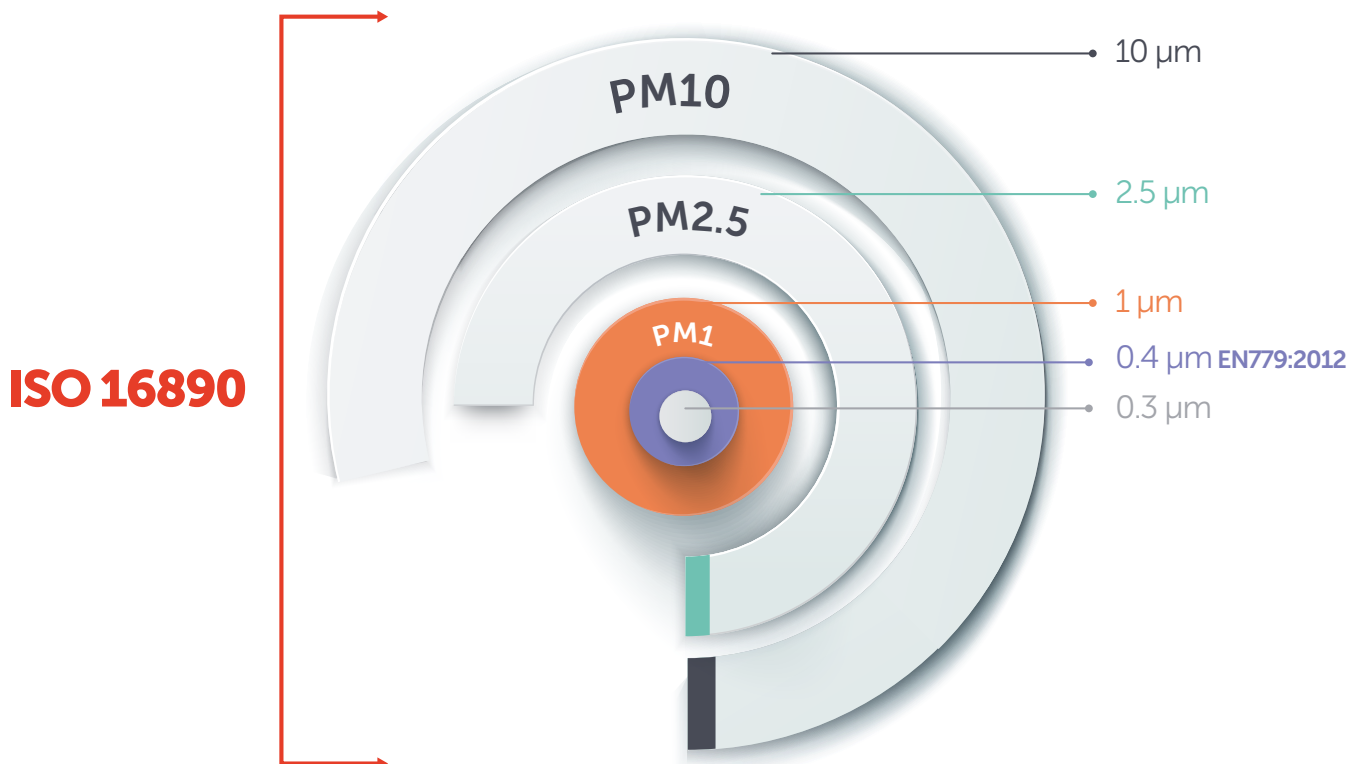


### Respirable Particle Size

- 10µm
- 0.3 - 10µm ISO ePM10
- 0.3 - 2.5µm ISO ePM2.5
- 0.3 - 1µm ISO ePM1

## COMPARISON OF EN 779:2012 AND ISO 16890 STANDARDS

|  | EN 779:2012                                     | ISO 16890   |
|--|---|---|
| Partical size for classification               | 0.4µm   | from 0.3 to 1µm (PM1)<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 <sup>3</sup>                            | 140 mg/m <sup>3</sup>   |
| 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                             |



## 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 |                   |
|-----------------------|----------------------|-------------|-----------------------|-------------------|
|                       | Overall Value        | Local Value | Overall Penetration   | Local Penetration |
| <b>EN 1822</b>        |                      |             |                       |                   |
| <b>E10</b>            | 85                   | -           | 15                    | -                 |
| <b>E11</b>            | 95                   | -           | 5                     | -                 |
| <b>E12</b>            | 99.50                | -           | 0.5                   | -                 |
| <b>H13</b>            | 99.95                | 99.75       | 0.05                  | 0.25              |
| <b>H14</b>            | 99.995               | 99.975      | 0.005                 | 0.025             |
| <b>U15</b>            | 99.9995              | 99.9975     | 0.0005                | 0.0025            |
| <b>U16</b>            | 99.99995             | 99.99975    | 0.00005               | 0.00025           |
| <b>U17</b>            | 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 <sup>3</sup> ) | 0.3 micron (per m <sup>3</sup> ) | 0.5 micron (per m <sup>3</sup> ) | 0.5 micron (per ft <sup>3</sup> ) |
| -            | 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.





**CERTIFICATE**  
**N° 09.09.434**



**Air Filters / Filtres à Air**

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

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[www.eurovent-certification.com](http://www.eurovent-certification.com)

Participant/Titulaire

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

This product performance certificate is issued by Eurovent Certita Certification according to the certification rules:  
**ECP FIL - « Air Filters » in force at established date.**

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

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

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

Ce certificat de performance produit est délivré par Eurovent Certita Certification dans les conditions fixées par le référentiel:  
**ECP FIL - « Filtres à Air » en vigueur à date d'édition.**

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

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



Organisme accrédité n° 5-0017 Certification Produits et Services selon la norme NF EN ISO/CEI 17065:2012  
Portée disponible sur [www.cofrac.fr](http://www.cofrac.fr)  
Accréditation ISO/CEI Produits et Services Certification according to NF EN ISO/CEI 17065:2012 - Scope available on [www.cofrac.fr](http://www.cofrac.fr)  
COFRAC est signataire des accords MLA d'EA.  
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Paris, 3 juillet 2024

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CERTIFICATE TEMPLATE\_ECP\_Certify\_Air\_Rev2.0



**CERTIFICATE**  
**N° 09.09.434**



**Appendix / Annexe**

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

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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:  
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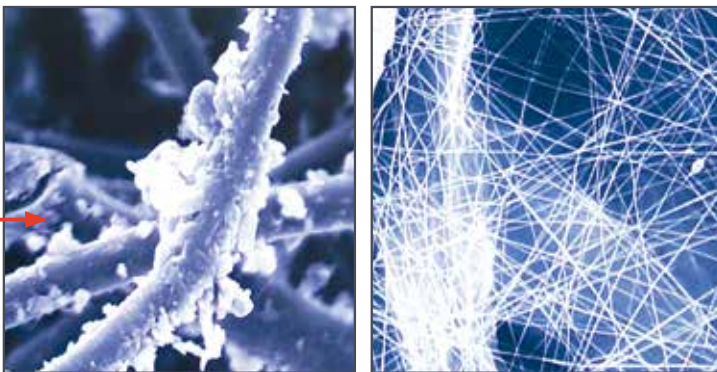
2/2

CERTIFICATE TEMPLATE\_ECP\_Certify\_Air\_Rev2.0

# 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.



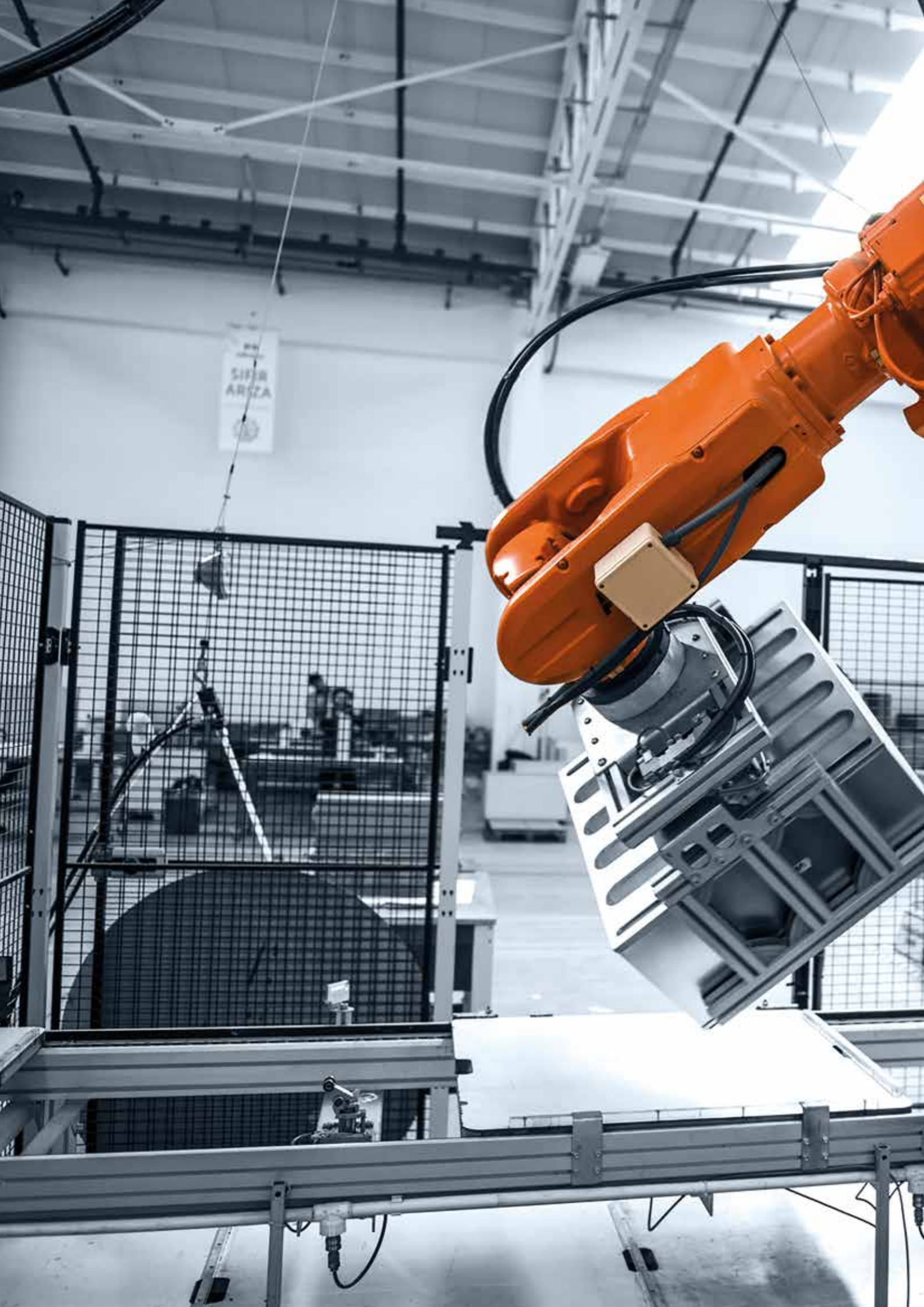
# NANO / Nano Coating System



Filter materials can be coated with fibers in nano scale through a nanofiber coating machine that utilizes 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 |
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| MPP SERIES         | 32 |
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| MSKP SERIES        | 38 |
| MSKP MESH SERIES   | 39 |
| MV-G SERIES        | 40 |
| MPS COARSE SERIES  | 41 |
| MPRE SERIES        | 42 |
| MPR REVERSE SERIES | 43 |

A close-up, high-angle photograph of coarse filter pleats. The pleats are arranged in a repeating pattern, creating a series of parallel ridges and valleys. The lighting is dramatic, highlighting the texture and depth of the pleats. The image is overlaid with a dark, semi-transparent rectangular area in the lower right quadrant, which contains the text 'COARSE FILTERS'.

COARSE FILTERS

## ► MFM-ROLLS-PF

COARSE FILTERS ◀

|                              |            |
|------------------------------|------------|
| <b>Media</b>                 | Synthetic  |
| <b>Final Pressure Drop</b>   | 250 Pa     |
| <b>Operating Temperature</b> | 80°C       |
| <b>Filter Efficiency*</b>    | G2-G3-G4   |
| <b>Filter Class**</b>        | 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 <sup>2</sup> ) | Air Flow (m <sup>3</sup> /h.m <sup>2</sup> ) | 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

COARSE FILTERS ◀

|                              |           |
|------------------------------|-----------|
| <b>Media</b>                 | Synthetic |
| <b>Final Pressure Drop</b>   | 450 Pa    |
| <b>Operating Temperature</b> | 80°C      |
| <b>Filter Efficiency*</b>    | M5        |
| <b>Filter Class**</b>        | 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 <sup>2</sup> ) | Air Flow (m <sup>3</sup> /h.m <sup>2</sup> ) | 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

COARSE FILTERS ◀

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

### Applications

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

### Advantages

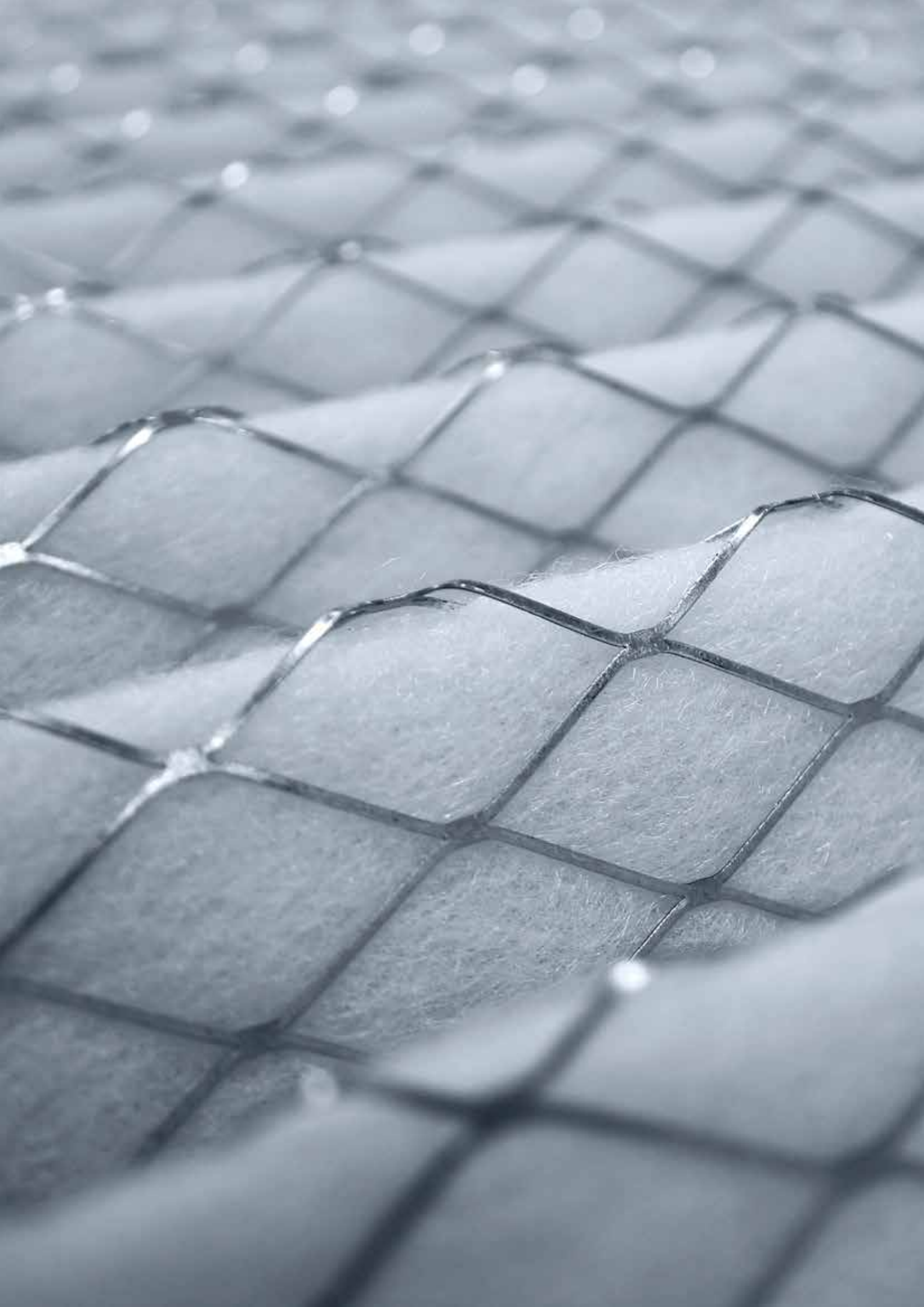
- Customized dimensions
- High dust holding capacity
- Cost saving
- Prevention of machine damage



| Part Number | EN 779:2012 Efficiency | ISO 16890 Class | Dimensions |            |                | Media Area (m <sup>2</sup> ) | Air Flow (m <sup>3</sup> /h.m <sup>2</sup> ) | 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





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



### Applications

- Pre-filter for HVAC and painting booths

### Advantages

- Disposable
- Moisture resistant cardboard frame
- High dust holding capacity
- Cost saving

| Part Number    | EN 779:2012 Efficiency | ISO 16890 Class | Dimensions |             |            | Media Area (m <sup>2</sup> ) | Air Flow (m <sup>3</sup> /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





| Part Number    | EN 779:2012 Efficiency | ISO 16890 Class | Dimensions |             |            | Media Area (m <sup>2</sup> ) | Air Flow (m <sup>3</sup> /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



|                              |            |
|------------------------------|------------|
| <b>Media</b>                 | Synthetic  |
| <b>Frame</b>                 | Cardboard  |
| <b>Final Pressure Drop</b>   | 250 Pa     |
| <b>Operating Temperature</b> | 80°C       |
| <b>Filter Efficiency*</b>    | G4         |
| <b>Filter Class**</b>        | 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 <sup>2</sup> ) | Air Flow (m <sup>3</sup> /h) | Pressure Drop (Pa) |
|------------------------|------------------------|-----------------|------------|-------------|------------|------------------------------|------------------------------|--------------------|
|                        |                        |                 | Width (mm) | Length (mm) | Depth (mm) |                              |                              |                    |
| MPP-289/595/20-4K-SP-N | G4                     | ISO Coarse 70%  | 289        | 595         | 20         | 0.24                         | 1700                         | 90                 |
| MPP-495/595/20-4K-SP-N | G4                     | ISO Coarse 70%  | 495        | 595         | 20         | 0.42                         | 2500                         | 90                 |
| MPP-595/595/20-4K-SP-N | G4                     | ISO Coarse 70%  | 595        | 595         | 20         | 0.50                         | 3400                         | 90                 |
| MPP-495/495/20-4K-SP-N | G4                     | ISO Coarse 70%  | 495        | 495         | 20         | 0.35                         | 2400                         | 90                 |
| MPP-242/495/20-4K-SP-N | G4                     | ISO Coarse 70%  | 242        | 495         | 20         | 0.17                         | 1200                         | 90                 |
| MPP-395/495/20-4K-SP-N | G4                     | ISO Coarse 70%  | 395        | 495         | 20         | 0.28                         | 1850                         | 90                 |
| MPP-395/624/20-4K-SP-N | G4                     | ISO Coarse 70%  | 395        | 624         | 20         | 0.35                         | 2400                         | 90                 |
| MPP-495/624/20-4K-SP-N | G4                     | ISO Coarse 70%  | 495        | 624         | 20         | 0.44                         | 3000                         | 90                 |
| MPP-289/595/45-4K-SP-N | G4                     | ISO Coarse 70%  | 289        | 595         | 45         | 0.60                         | 1700                         | 75                 |
| MPP-495/595/45-4K-SP-N | G4                     | ISO Coarse 70%  | 495        | 595         | 45         | 1.00                         | 2500                         | 75                 |
| MPP-595/595/45-4K-SP-N | G4                     | ISO Coarse 70%  | 595        | 595         | 45         | 1.20                         | 3400                         | 75                 |
| MPP-495/495/45-4K-SP-N | G4                     | ISO Coarse 70%  | 495        | 495         | 45         | 0.85                         | 2400                         | 75                 |
| MPP-242/495/45-4K-SP-N | G4                     | ISO Coarse 70%  | 242        | 495         | 45         | 0.41                         | 1200                         | 75                 |
| MPP-395/495/45-4K-SP-N | G4                     | ISO Coarse 70%  | 395        | 495         | 45         | 0.67                         | 1850                         | 75                 |
| MPP-395/624/45-4K-SP-N | G4                     | ISO Coarse 70%  | 395        | 624         | 45         | 0.84                         | 2400                         | 75                 |
| MPP-495/624/45-4K-SP-N | G4                     | ISO Coarse 70%  | 495        | 624         | 45         | 1.10                         | 3000                         | 75                 |

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



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

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



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

### Applications

- Pre-filter for HVAC and gas turbines

### Advantages

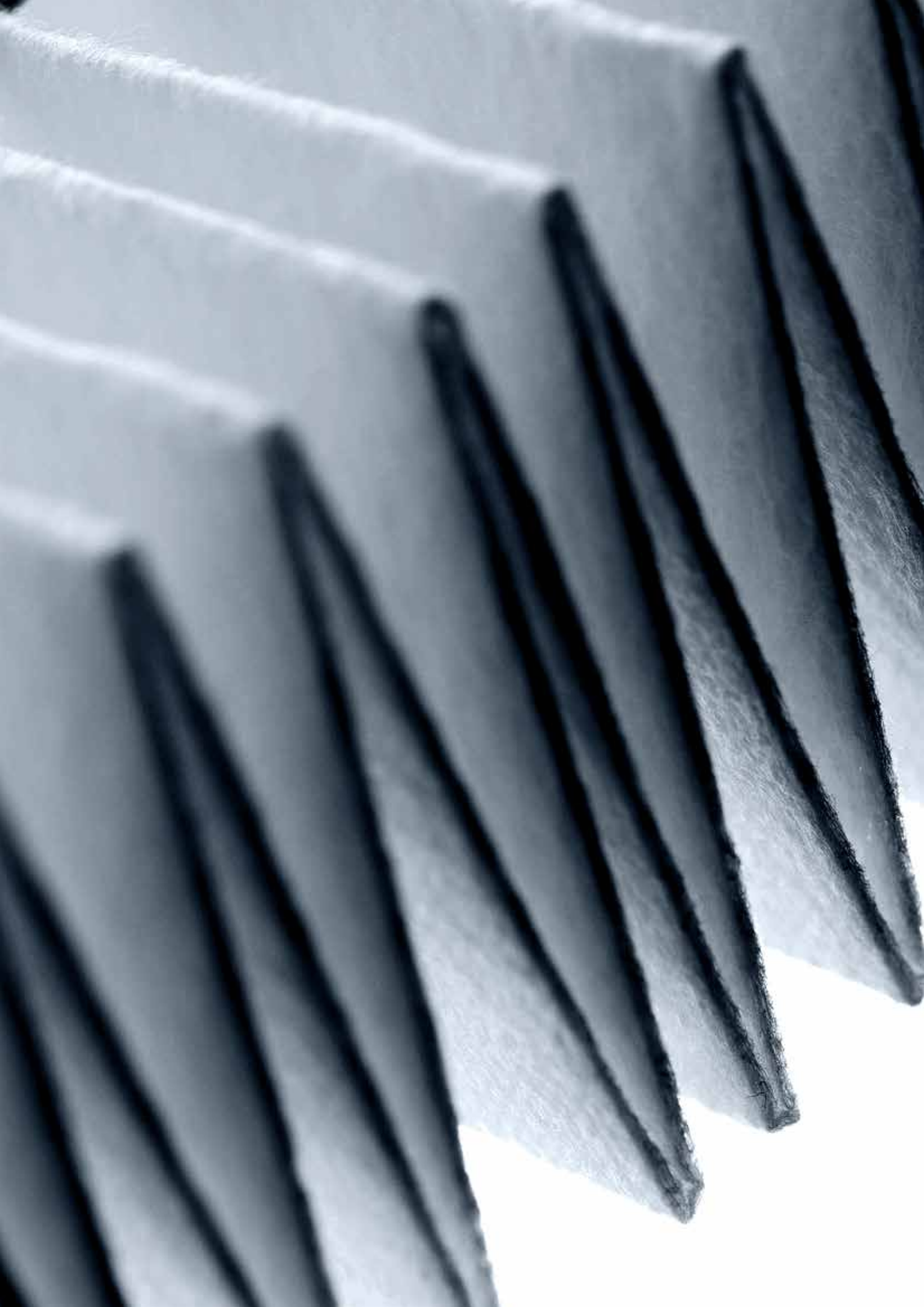
- Disposable
- Moisture resistant cardboard frame
- Tidy pleat spacing
- Customized width and height
- Metal free
- Incinerable



| Part Number            | EN 779:2012 Efficiency | ISO 16890 Class | Dimensions |             |            | Media Area (m <sup>2</sup> ) | Air Flow (m <sup>3</sup> /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





# MSKPN SERIES

COARSE FILTERS

|                              |   |
|------------------------------|---|
| <b>Media</b>                 | Synthetic   |
| <b>Frame</b>                 | Plastic (ABS),<br>Galvanized Steel, Stainless Steel |
| <b>Final Pressure Drop</b>   | 250 Pa  |
| <b>Operating Temperature</b> | 80°C  |
| <b>Filter Efficiency*</b>    | G4  |
| <b>Filter Class**</b>        | ISO Coarse  |
| <b>Sealant</b>               | Polyurethane  |
| <b>Separators</b>            | Thermoplastic Adhesive                              |
| <b>Gasket</b>                | 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 <sup>2</sup> ) | Air Flow (m <sup>3</sup> /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

COARSE FILTERS

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



## Applications

- Gas turbine primary filtration and industrial processes

## Advantages

- Tidy pleat spacing
- Robust
- Water repellent media
- Leakage free

| Part Number                    | EN 779:2012 Efficiency | ISO 16890 Class | Dimensions |             |            | Media Area (m <sup>2</sup> ) | Air Flow (m <sup>3</sup> /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

## COARSE FILTERS ◀

|                              |                                   |
|------------------------------|-----------------------------------|
| <b>Media</b>                 | Synthetic                         |
| <b>Frame</b>                 | Galvanized Steel, Stainless Steel |
| <b>Final Pressure Drop</b>   | 250 Pa                            |
| <b>Operating Temperature</b> | 80°C                              |
| <b>Filter Efficiency*</b>    | G4                                |
| <b>Filter Class**</b>        | ISO Coarse                        |
| <b>Gasket</b>                | 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 <sup>2</sup> ) | Air Flow (m <sup>3</sup> /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





|                              |   |
|------------------------------|---|
| <b>Media</b>                 | Aluminium Knitted Wire Mesh,<br>Stainless Steel Knitted Wire Mesh |
| <b>Frame</b>                 | Aluminium, Galvanized Steel,<br>Stainless Steel                   |
| <b>Final Pressure Drop</b>   | 250 Pa  |
| <b>Operating Temperature</b> | 200°C   |
| <b>Filter Efficiency*</b>    | G1  |
| <b>Filter Class**</b>        | 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 (m³/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

|                              |                        |
|------------------------------|------------------------|
| <b>Media</b>                 | Synthetic              |
| <b>Frame</b>                 | PS                     |
| <b>Final Pressure Drop</b>   | 450 Pa                 |
| <b>Operating Temperature</b> | 80°C                   |
| <b>Filter Efficiency*</b>    | G4                     |
| <b>Filter Class**</b>        | ISO Coarse             |
| <b>Gasket</b>                | Optional               |
| <b>Sealant</b>               | Polyurethane           |
| <b>Separators</b>            | Hot Melt on the Pleats |
| <b>Header Thickness</b>      | 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 <sup>2</sup> ) | Air Flow (m <sup>3</sup> /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                 |
| MX-G4-01    | G4                     | ISO Coarse 60%  | 592        | 292         | 440        | 4.50                         | 1750                         | 60                 |
| MX-G4-02    | G4                     | ISO Coarse 60%  | 592        | 492         | 440        | 7.50                         | 2800                         | 60                 |
| MX-G4-03    | G4                     | ISO Coarse 60%  | 592        | 592         | 440        | 9.00                         | 3400                         | 60                 |

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



|                              |                  |
|------------------------------|------------------|
| <b>Media</b>                 | Synthetic        |
| <b>Frame</b>                 | Galvanized Steel |
| <b>Final Pressure Drop</b>   | 250 Pa           |
| <b>Operating Temperature</b> | 80°C             |
| <b>Filter Efficiency*</b>    | G3-G4            |
| <b>Filter Class**</b>        | 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 <sup>2</sup> ) | Air Flow (m <sup>3</sup> /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



|                              |                        |
|------------------------------|------------------------|
| <b>Media</b>                 | Synthetic              |
| <b>Frame</b>                 | Molded Plastic Frame   |
| <b>Final Pressure Drop</b>   | 450 Pa                 |
| <b>Operating Temperature</b> | 80°C                   |
| <b>Filter Efficiency*</b>    | G4-M5-M6               |
| <b>Filter Class**</b>        | 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 <sup>2</sup> ) | Air Flow (m <sup>3</sup> /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

COARSE FILTERS ◀

|                              |                        |
|------------------------------|------------------------|
| <b>Media</b>                 | Synthetic              |
| <b>Frame</b>                 | Molded Plastic Frame   |
| <b>Final Pressure Drop</b>   | 450 Pa                 |
| <b>Operating Temperature</b> | 80°C                   |
| <b>Filter Efficiency*</b>    | G4-M5-M6               |
| <b>Filter Class**</b>        | 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 <sup>2</sup> ) | Air Flow (m <sup>3</sup> /h) | Pressure Drop (Pa) | Number of Pockets |
|------------------|------------------------|-----------------|------------|-------------|------------------------|------------------------------|------------------------------|--------------------|-------------------|
|                  |                        |                 | Width (mm) | Length (mm) | Depth with Header (mm) |                              |                              |                    |                   |
| MPR-4-06360-03-R | G4                     | ISO Coarse 60%  | 592        | 592         | 382                    | 3.00                         | 3400                         | 35                 | 6                 |

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



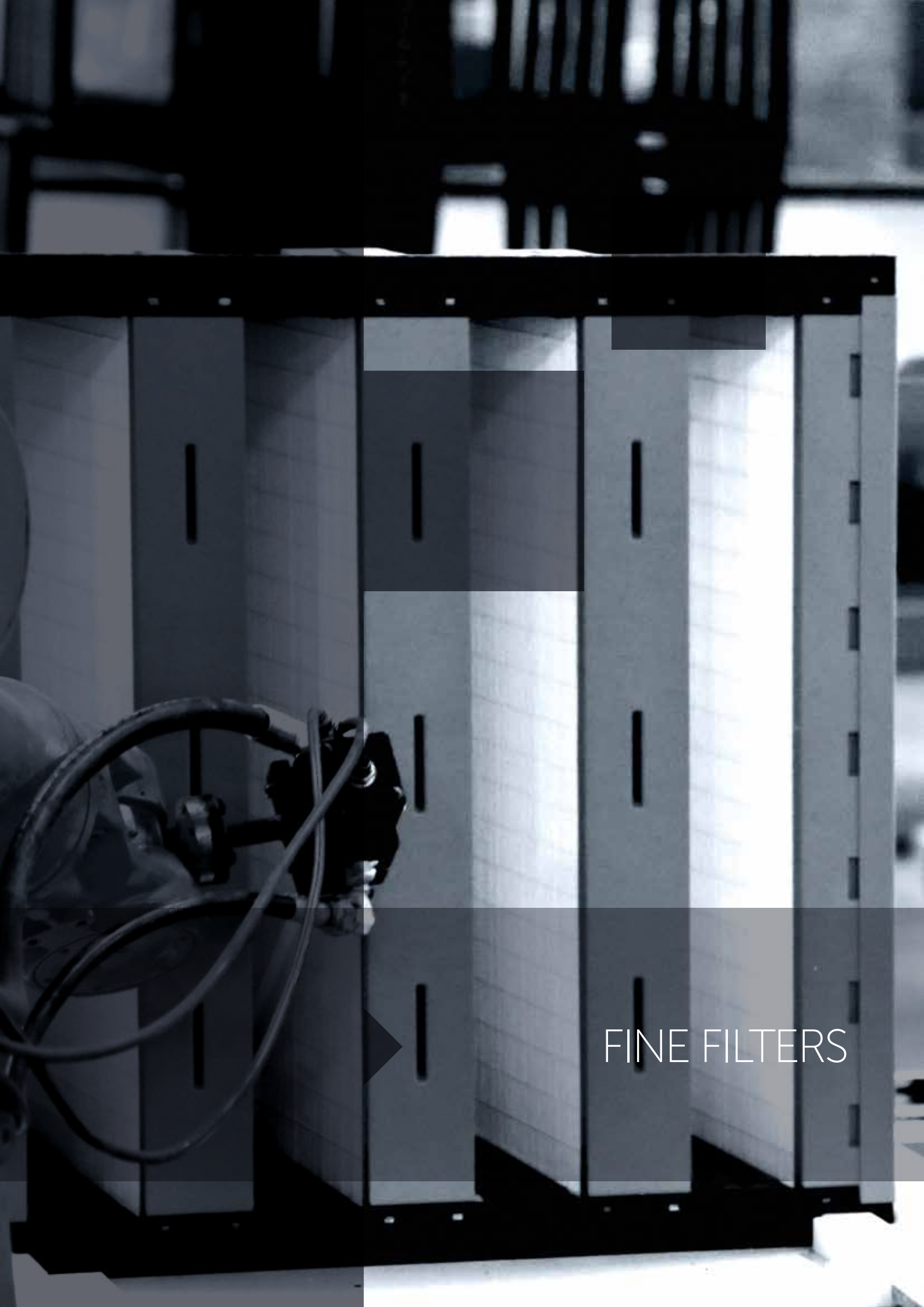


# 03

## **FINE FILTERS**

### **M5-F9**

|                                |           |
|--------------------------------|-----------|
| MPS FINE SERIES                | <b>46</b> |
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| MPS NANOWAVE SERIES            | <b>50</b> |
| MPG SERIES                     | <b>52</b> |
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| MV SERIES SINGLE CELL V FILTER | <b>68</b> |



FINE FILTERS

# ► MPS FINE SERIES

FINE FILTERS ◀

|                              |   |
|------------------------------|---|
| <b>Media</b>                 | Synthetic                                     |
| <b>Frame</b>                 | Galvanized Steel                              |
| <b>Final Pressure Drop</b>   | 300 Pa  |
| <b>Operating Temperature</b> | 80°C  |
| <b>Filter Efficiency*</b>    | M5-M6-F7-F8                                   |
| <b>Filter Class**</b>        | ISO ePM10 / ISO ePM2.5 / ISO ePM1             |
| <b>Media Color</b>           | 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 <sup>2</sup> ) | Air Flow (m <sup>3</sup> /h) | Pressure Drop (Pa) | Number of Pockets | Energy (***) |
|----------------|------------------------|-----------------|------------|-------------|------------------------|------------------------------|------------------------------|--------------------|-------------------|--------------|
|                |                        |                 | Width (mm) | Length (mm) | Depth with Header (mm) |                              |                              |                    |                   |              |
| MPS-5-06560-03 | M5                     | ISO ePM10 55%   | 592        | 592         | 582                    | 4.60                         | 2250                         | 40                 | 6                 | E            |
| MPS-5-05560-02 | M5                     | ISO ePM10 55%   | 490        | 592         | 582                    | 3.90                         | 1870                         | 40                 | 5                 | E            |
| MPS-5-03560-01 | M5                     | ISO ePM10 55%   | 287        | 592         | 582                    | 2.30                         | 1125                         | 40                 | 3                 | E            |
| MPS-5-06460-03 | M5                     | ISO ePM10 55%   | 592        | 592         | 482                    | 3.80                         | 2250                         | 50                 | 6                 | E            |
| MPS-5-05460-02 | M5                     | ISO ePM10 55%   | 490        | 592         | 482                    | 3.20                         | 1870                         | 50                 | 5                 | E            |
| MPS-5-03460-01 | M5                     | ISO ePM10 55%   | 287        | 592         | 482                    | 1.90                         | 1125                         | 50                 | 3                 | E            |
| MPS-5-06380-03 | M5                     | ISO ePM10 55%   | 592        | 592         | 402                    | 3.10                         | 2250                         | 55                 | 6                 | E            |
| MPS-5-05380-02 | M5                     | ISO ePM10 55%   | 490        | 592         | 402                    | 2.60                         | 1870                         | 55                 | 5                 | E            |
| MPS-5-03380-01 | M5                     | ISO ePM10 55%   | 287        | 592         | 402                    | 1.60                         | 1125                         | 55                 | 3                 | E            |
| MPS-5-06500-07 | M5                     | ISO ePM10 55%   | 500        | 500         | 522                    | 3.50                         | 2100                         | 35                 | 6                 | -            |
| MPS-5-08500-07 | M5                     | ISO ePM10 55%   | 500        | 500         | 522                    | 4.50                         | 2100                         | 40                 | 8                 | -            |
| MPS-6-06765-03 | M6                     | ISO ePM10 65%   | 592        | 592         | 787                    | 6.30                         | 2550                         | 50                 | 6                 | E            |
| MPS-6-05765-02 | M6                     | ISO ePM10 65%   | 490        | 592         | 787                    | 5.30                         | 2050                         | 50                 | 5                 | E            |
| MPS-6-03765-01 | M6                     | ISO ePM10 65%   | 287        | 592         | 787                    | 3.20                         | 1275                         | 50                 | 3                 | E            |
| MPS-6-06560-03 | M6                     | ISO ePM10 65%   | 592        | 592         | 582                    | 4.60                         | 2250                         | 50                 | 6                 | E            |
| MPS-6-05560-02 | M6                     | ISO ePM10 65%   | 490        | 592         | 582                    | 3.90                         | 1870                         | 50                 | 5                 | E            |
| MPS-6-03560-01 | M6                     | ISO ePM10 65%   | 287        | 592         | 582                    | 2.30                         | 1125                         | 50                 | 3                 | E            |
| MPS-6-08765-03 | M6                     | ISO ePM10 65%   | 592        | 592         | 787                    | 8.20                         | 2550                         | 40                 | 8                 | E            |
| MPS-6-06765-02 | M6                     | ISO ePM10 65%   | 490        | 592         | 787                    | 6.20                         | 2050                         | 40                 | 6                 | E            |
| MPS-6-04765-01 | M6                     | ISO ePM10 65%   | 287        | 592         | 787                    | 4.10                         | 1275                         | 40                 | 4                 | E            |



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

‘-’ Models so marked are **not Eurovent certified**



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



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

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

# ► MPS FINE PLASTIC SERIES

FINE FILTERS ◀

|                              |   |
|------------------------------|---|
| <b>Media</b>                 | Synthetic                                     |
| <b>Frame</b>                 | Plastic (PS)                                  |
| <b>Final Pressure Drop</b>   | 450 Pa  |
| <b>Operating Temperature</b> | 80°C  |
| <b>Filter Efficiency*</b>    | M5-M6-F7-F8                                   |
| <b>Filter Class**</b>        | ISO ePM10 / ISO ePM2.5 / ISO ePM1             |
| <b>Media Color</b>           | 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 <sup>2</sup> ) | Air Flow (m <sup>3</sup> /h) | Pressure Drop (Pa) | Number of Pockets | Energy (***) |
|-----------------|------------------------|-----------------|------------|-------------|------------------------|------------------------------|------------------------------|--------------------|-------------------|--------------|
|                 |                        |                 | Width (mm) | Length (mm) | Depth with Header (mm) |                              |                              |                    |                   |              |
| MPS-5-06560-03P | M5                     | ISO ePM10 55%   | 592        | 592         | 582                    | 4.60                         | 2250                         | 45                 | 6                 | E            |
| MPS-5-03560-01P | M5                     | ISO ePM10 55%   | 287        | 592         | 582                    | 2.30                         | 1125                         | 45                 | 3                 | E            |
| MPS-5-06460-03P | M5                     | ISO ePM10 55%   | 592        | 592         | 482                    | 3.80                         | 2250                         | 55                 | 6                 | E            |
| MPS-5-03460-01P | M5                     | ISO ePM10 55%   | 287        | 592         | 482                    | 1.90                         | 1125                         | 55                 | 3                 | E            |
| MPS-5-06380-03P | M5                     | ISO ePM10 55%   | 592        | 592         | 402                    | 3.10                         | 2250                         | 60                 | 6                 | E            |
| MPS-5-03380-01P | M5                     | ISO ePM10 55%   | 287        | 592         | 402                    | 1.6                          | 1125                         | 60                 | 3                 | E            |
| MPS-5-06500-07P | M5                     | ISO ePM10 55%   | 500        | 500         | 522                    | 3.50                         | 2100                         | 35                 | 6                 | -            |
| MPS-5-08500-07P | M5                     | ISO ePM10 55%   | 500        | 500         | 522                    | 4.50                         | 2100                         | 40                 | 8                 | -            |
| MPS-6-06765-03P | M6                     | ISO ePM10 65%   | 592        | 592         | 787                    | 6.30                         | 2550                         | 55                 | 6                 | E            |
| MPS-6-03765-01P | M6                     | ISO ePM10 65%   | 287        | 592         | 787                    | 3.20                         | 1275                         | 55                 | 3                 | E            |
| MPS-6-06560-03P | M6                     | ISO ePM10 65%   | 592        | 592         | 582                    | 4.60                         | 2250                         | 55                 | 6                 | E            |
| MPS-6-03560-01P | M6                     | ISO ePM10 65%   | 287        | 592         | 582                    | 2.30                         | 1125                         | 55                 | 3                 | E            |
| MPS-6-08765-03P | M6                     | ISO ePM10 65%   | 592        | 592         | 787                    | 8.20                         | 2550                         | 45                 | 8                 | E            |
| MPS-6-04765-01P | M6                     | ISO ePM10 65%   | 287        | 592         | 787                    | 4.10                         | 1275                         | 45                 | 4                 | E            |
| MPS-6-08560-03P | M6                     | ISO ePM10 65%   | 592        | 592         | 582                    | 6.00                         | 2250                         | 45                 | 8                 | E            |
| MPS-6-04560-01P | M6                     | ISO ePM10 65%   | 287        | 592         | 582                    | 3.00                         | 1125                         | 45                 | 4                 | E            |
| MPS-6-06500-07P | M6                     | ISO ePM10 65%   | 500        | 500         | 522                    | 3.50                         | 2100                         | 45                 | 6                 | -            |
| MPS-6-08500-07P | M6                     | ISO ePM10 65%   | 500        | 500         | 522                    | 4.50                         | 2100                         | 50                 | 8                 | -            |



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

‘-’ Models so marked are **not Eurovent certified**

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

|                 |    |              |     |     |     |      |      |     |   |   |
|-----------------|----|--------------|-----|-----|-----|------|------|-----|---|---|
| MPS-8-06765-03P | F8 | ISO ePM1 65% | 592 | 592 | 787 | 6.30 | 2550 | 125 | 6 | E |
| MPS-8-03765-01P | F8 | ISO ePM1 65% | 287 | 592 | 787 | 3.20 | 1275 | 125 | 3 | E |
| MPS-8-06560-03P | F8 | ISO ePM1 65% | 592 | 592 | 582 | 4.60 | 2250 | 125 | 6 | E |
| MPS-8-03560-01P | F8 | ISO ePM1 65% | 287 | 592 | 582 | 2.30 | 1125 | 125 | 3 | E |
| MPS-8-08765-03P | F8 | ISO ePM1 65% | 592 | 592 | 787 | 8.20 | 2550 | 110 | 8 | E |
| MPS-8-04765-01P | F8 | ISO ePM1 65% | 287 | 592 | 787 | 4.10 | 1275 | 110 | 4 | E |
| MPS-8-08560-03P | F8 | ISO ePM1 65% | 592 | 592 | 582 | 6.00 | 2250 | 110 | 8 | E |
| MPS-8-04560-01P | F8 | ISO ePM1 65% | 287 | 592 | 582 | 3.00 | 1125 | 110 | 4 | E |
| MPS-8-06500-07P | F8 | ISO ePM1 70% | 500 | 500 | 522 | 3.50 | 2100 | 85  | 6 | - |
| MPS-8-08500-07P | F8 | ISO ePM1 70% | 500 | 500 | 522 | 4.50 | 2100 | 90  | 8 | - |

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

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



# ► MPS NANOWAVE SERIES

FINE FILTERS ◀

|                              |                                   |
|------------------------------|-----------------------------------|
| <b>Media</b>                 | Synthetic NANOWAVE                |
| <b>Frame</b>                 | Galvanised Steel, Stainless Steel |
| <b>Final Pressure Drop</b>   | 300 Pa                            |
| <b>Operating Temperature</b> | 80°C                              |
| <b>Humidity</b>              | 100% RH                           |
| <b>Filter Efficiency*</b>    | M6-F9                             |
| <b>Filter Class**</b>        | ISO ePM2.5-ISO ePM1               |
| <b>Gasket</b>                | 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 <sup>2</sup> ) | Air Flow (m <sup>3</sup> /h) | Pressure Drop (Pa) | Number of Pockets | Energy (***) |
|--------------------------------|------------------------|-----------------|------------|-------------|------------------------|------------------------------|------------------------------|--------------------|-------------------|--------------|
|                                |                        |                 | Width (mm) | Length (mm) | Depth with Header (mm) |                              |                              |                    |                   |              |
| MPS-6-8-635-592/592-G-N-H22-NW | M6                     | ISO ePM10 50%   | 592        | 592         | 657                    | 6.80                         | 3400                         | 55                 | 8                 | D            |
| MPS-6-6-635-492/592-G-N-H22-NW | M6                     | ISO ePM10 50%   | 492        | 592         | 657                    | 5.10                         | 2800                         | 55                 | 6                 | D            |
| MPS-6-4-635-287/592-G-N-H22-NW | M6                     | ISO ePM10 50%   | 287        | 592         | 657                    | 3.40                         | 1700                         | 55                 | 4                 | D            |
| MPS-7-8-635-592/592-G-N-H22-NW | F7                     | ISO ePM2.5 60%  | 592        | 592         | 657                    | 6.80                         | 3400                         | 75                 | 8                 | C            |
| MPS-7-6-635-492/592-G-N-H22-NW | F7                     | ISO ePM2.5 60%  | 492        | 592         | 657                    | 5.10                         | 2800                         | 75                 | 6                 | C            |
| MPS-7-4-635-287/592-G-N-H22-NW | F7                     | ISO ePM2.5 60%  | 287        | 592         | 657                    | 3.40                         | 1700                         | 75                 | 4                 | C            |
| MPS-8-8-635-592/592-G-N-H22-NW | F8                     | ISO ePM1 65%    | 592        | 592         | 657                    | 6.80                         | 3400                         | 80                 | 8                 | C            |
| MPS-8-6-635-492/592-G-N-H22-NW | F8                     | ISO ePM1 65%    | 492        | 592         | 657                    | 5.10                         | 2800                         | 80                 | 6                 | C            |
| MPS-8-4-635-287/592-G-N-H22-NW | F8                     | ISO ePM1 65%    | 287        | 592         | 657                    | 3.40                         | 1700                         | 80                 | 4                 | C            |
| MPS-9-8-635-592/592-G-N-H22-NW | F9                     | ISO ePM1 85%    | 592        | 592         | 657                    | 6.80                         | 3400                         | 120                | 8                 | C            |
| MPS-9-6-635-492/592-G-N-H22-NW | F9                     | ISO ePM1 85%    | 492        | 592         | 657                    | 5.10                         | 2800                         | 120                | 6                 | C            |
| MPS-9-4-635-287/592-G-N-H22-NW | F9                     | ISO ePM1 85%    | 287        | 592         | 657                    | 3.40                         | 1700                         | 120                | 4                 | C            |

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



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

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



|                              |  |
|------------------------------|--|
| <b>Media</b>                 | Glassfiber                                     |
| <b>Frame</b>                 | Galvanized Steel                               |
| <b>Final Pressure Drop</b>   | 450 Pa   |
| <b>Operating Temperature</b> | 80°C   |
| <b>Filter Efficiency*</b>    | M5-M6-F7-F8                                    |
| <b>Filter Class**</b>        | ISO ePM10 / ISO ePM1                           |
| <b>Media Color</b>           | M5: White / M6: Green / F7: Pink<br>F8: Yellow |
| <b>Fiber Assembly Type</b>   | 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 <sup>2</sup> ) | Air Flow (m <sup>3</sup> /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



| Part Number    | EN 779:2012 Efficiency | ISO 16890 Class | Dimensions |             |                        | Media Area (m <sup>2</sup> ) | Air Flow (m <sup>3</sup> /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



| Part Number    | EN 779:2012 Efficiency | ISO 16890 Class | Dimensions |             |                        | Media Area (m <sup>2</sup> ) | Air Flow (m <sup>3</sup> /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







|                              |                      |
|------------------------------|----------------------|
| <b>Media</b>                 | Microglass Fiber     |
| <b>Frame</b>                 | Cardboard            |
| <b>Final Pressure Drop</b>   | 450 Pa               |
| <b>Operating Temperature</b> | 80°C                 |
| <b>Filter Efficiency*</b>    | M5-M6-F7-F8          |
| <b>Filter Class**</b>        | ISO ePM10 / ISO ePM1 |
| <b>Sealant</b>               | Wood Glue            |
| <b>Separator</b>             | 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 <sup>2</sup> ) | Air Flow (m <sup>3</sup> /h) | Pressure Drop (Pa) | Energy (***) |
|--------------------|------------------------|-----------------|------------|-------------|------------|------------------------------|------------------------------|--------------------|--------------|
|                    |                        |                 | Width (mm) | Length (mm) | Depth (mm) |                              |                              |                    |              |
| MPF-595/595/45-5KN | M5                     | ISO ePM10 60%   | 595        | 595         | 45         | 5.90                         | 2000                         | 65                 | E            |
| MPF-495/595/45-5KN | M5                     | ISO ePM10 60%   | 495        | 595         | 45         | 4.90                         | 1650                         | 65                 | E            |
| MPF-287/595/45-5KN | M5                     | ISO ePM10 60%   | 287        | 595         | 45         | 2.90                         | 1000                         | 65                 | E            |
| MPF-595/595/95-5KN | M5                     | ISO ePM10 55%   | 595        | 595         | 95         | 11.50                        | 2900                         | 70                 | E            |
| MPF-495/595/95-5KN | M5                     | ISO ePM10 55%   | 495        | 595         | 95         | 9.60                         | 2400                         | 70                 | E            |
| MPF-287/595/95-5KN | M5                     | ISO ePM10 55%   | 287        | 595         | 95         | 5.80                         | 1450                         | 70                 | E            |
| MPF-595/595/45-6KN | M6                     | ISO ePM10 65%   | 595        | 595         | 45         | 5.90                         | 2000                         | 65                 | E            |
| MPF-495/595/45-6KN | M6                     | ISO ePM10 65%   | 495        | 595         | 45         | 4.90                         | 1650                         | 65                 | E            |
| MPF-287/595/45-6KN | M6                     | ISO ePM10 65%   | 287        | 595         | 45         | 2.90                         | 1000                         | 65                 | E            |
| MPF-595/595/95-6KN | M6                     | ISO ePM10 65%   | 595        | 595         | 95         | 11.50                        | 2900                         | 96                 | E            |
| MPF-495/595/95-6KN | M6                     | ISO ePM10 65%   | 495        | 595         | 95         | 9.60                         | 2400                         | 96                 | E            |
| MPF-287/595/95-6KN | M6                     | ISO ePM10 65%   | 287        | 595         | 95         | 5.80                         | 1450                         | 96                 | E            |
| MPF-595/595/45-7KN | F7                     | ISO ePM2.5 55%  | 595        | 595         | 45         | 5.90                         | 2000                         | 80                 | E            |
| MPF-495/595/45-7KN | F7                     | ISO ePM2.5 55%  | 495        | 595         | 45         | 4.90                         | 1650                         | 80                 | E            |
| MPF-287/595/45-7KN | F7                     | ISO ePM2.5 55%  | 287        | 595         | 45         | 2.90                         | 1000                         | 80                 | E            |
| MPF-595/595/95-7KN | F7                     | ISO ePM1 50%    | 595        | 595         | 95         | 11.50                        | 2900                         | 90                 | E            |

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



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

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



|                              |  |
|------------------------------|--|
| <b>Media</b>                 | Microglass Fiber   |
| <b>Frame</b>                 | Galvanized Steel, Aluminium, Stainless Steel, MDF, Plastic |
| <b>Final Pressure Drop</b>   | 450 Pa   |
| <b>Operating Temperature</b> | 80°C   |
| <b>Filter Efficiency*</b>    | M6-F7-F8-F9  |
| <b>Filter Class**</b>        | ISO ePM10 / ISO ePM1                                       |
| <b>Gasket</b>                | Optional   |
| <b>Sealant</b>               | Polyurethane   |
| <b>Separator</b>             | 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 <sup>2</sup> ) | Air Flow (m <sup>3</sup> /h) | Pressure Drop (Pa) | Energy (***) |
|--------------------|------------------------|-----------------|------------|-------------|------------|------------------------------|------------------------------|--------------------|--------------|
|                    |                        |                 | Width (mm) | Length (mm) | Depth (mm) |                              |                              |                    |              |
| MPF-287/592/48-6GN | M6                     | ISO ePM10 65%   | 287        | 592         | 48         | 3.00                         | 1000                         | 65                 | E            |
| MPF-492/592/48-6GN | M6                     | ISO ePM10 65%   | 492        | 592         | 48         | 5.00                         | 1600                         | 65                 | E            |
| MPF-592/592/48-6GN | M6                     | ISO ePM10 65%   | 592        | 592         | 48         | 6.00                         | 2000                         | 65                 | E            |
| MPF-287/592/96-6GN | M6                     | ISO ePM10 65%   | 287        | 592         | 96         | 5.50                         | 1450                         | 80                 | E            |
| MPF-492/592/96-6GN | M6                     | ISO ePM10 65%   | 492        | 592         | 96         | 9.00                         | 2400                         | 80                 | E            |
| MPF-592/592/96-6GN | M6                     | ISO ePM10 65%   | 592        | 592         | 96         | 11.00                        | 2900                         | 80                 | E            |
| MPF-287/592/48-7GN | F7                     | ISO ePM1 50%    | 287        | 592         | 48         | 3.00                         | 1000                         | 80                 | E            |
| MPF-492/592/48-7GN | F7                     | ISO ePM1 50%    | 492        | 592         | 48         | 5.00                         | 1600                         | 80                 | E            |
| MPF-592/592/48-7GN | F7                     | ISO ePM1 50%    | 592        | 592         | 48         | 6.00                         | 2000                         | 80                 | E            |
| MPF-287/592/96-7GN | F7                     | ISO ePM1 55%    | 287        | 592         | 96         | 5.50                         | 1450                         | 90                 | E            |
| MPF-492/592/96-7GN | F7                     | ISO ePM1 55%    | 492        | 592         | 96         | 9.00                         | 2400                         | 90                 | E            |
| MPF-592/592/96-7GN | F7                     | ISO ePM1 55%    | 592        | 592         | 96         | 11.00                        | 2900                         | 90                 | E            |

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



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

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



# ▶ MC SERIES

FINE FILTERS ◀

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



### Applications

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

### Advantages

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

| Part Number                     | EN 779:2012 Efficiency | ISO 16890 Class | Dimensions |             |            | Media Area (m <sup>2</sup> ) | Air Flow (m <sup>3</sup> /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



| Part Number                     | EN 779:2012 Efficiency | ISO 16890 Class | Dimensions |             |            | Media Area (m <sup>2</sup> ) | Air Flow (m <sup>3</sup> /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

FINE FILTERS

|                                   |                      |
|-----------------------------------|----------------------|
| <b>Media</b>                      | Microglass Fiber     |
| <b>Frame</b>                      | Polyamid             |
| <b>Final Pressure Drop</b>        | 600 Pa               |
| <b>Max. Operating Temperature</b> | 120°C                |
| <b>Filter Efficiency*</b>         | M6-F7-F8-F9          |
| <b>Filter Class**</b>             | ISO ePM10 / ISO ePM1 |
| <b>Gasket</b>                     | Optional             |
| <b>Sealant</b>                    | Polyurethane         |
| <b>Header Thickness</b>           | 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 <sup>2</sup> ) | Air Flow (m <sup>3</sup> /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





|                              |                      |
|------------------------------|----------------------|
| <b>Media</b>                 | Microglass Fiber     |
| <b>Frame</b>                 | PS                   |
| <b>Final Pressure Drop</b>   | 450 Pa               |
| <b>Operating Temperature</b> | 80°C                 |
| <b>Filter Efficiency*</b>    | M6-F7-F8-F9          |
| <b>Filter Class**</b>        | ISO ePM10 / ISO ePM1 |
| <b>Gasket</b>                | Optional             |
| <b>Sealant</b>               | Polyurethane         |
| <b>Separators</b>            | Hot Melt             |
| <b>Header Thickness</b>      | 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 <sup>2</sup> ) | Air Flow (m <sup>3</sup> /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

FINE FILTERS

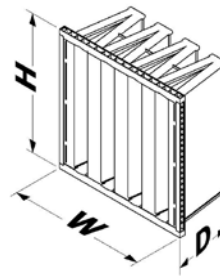
|                              |   |
|------------------------------|---|
| <b>Media</b>                 | Active Carbon between Layers of Synthetic Media |
| <b>Frame</b>                 | Plastic (PS)                                    |
| <b>Final Pressure Drop</b>   | 450Pa   |
| <b>Operating Temperature</b> | 40°C  |
| <b>Carbon Weight</b>         | 425 g/m <sup>2</sup>                            |
| <b>Gasket</b>                | Optional  |
| <b>Sealant</b>               | Polyurethane                                    |

### Applications

- Museums, art galleries, libraries etc.

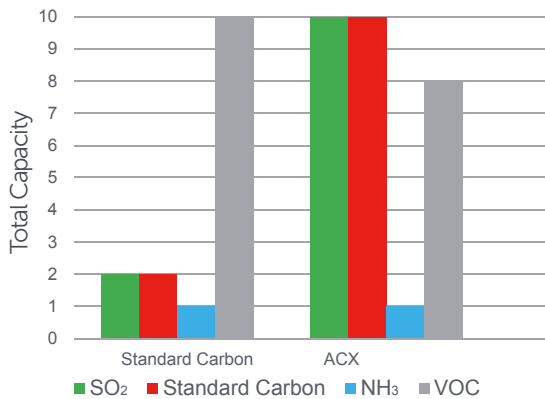
### Advantages

- High air flow

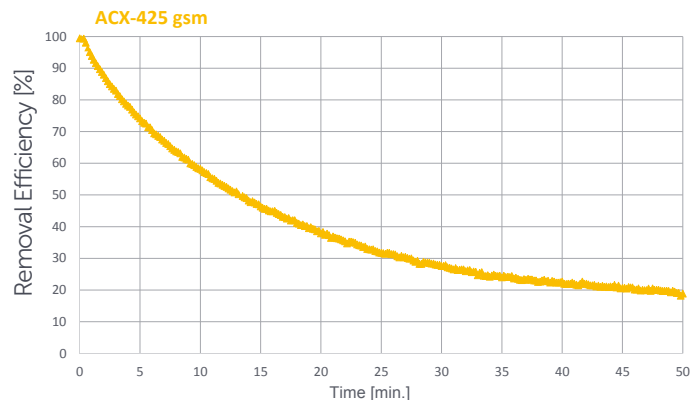


| Part Number   | EN 779:2012 Efficiency | Dimensions |             |            | Media Area (m <sup>2</sup> ) | Air Flow (m <sup>3</sup> /h) | Pressure Drop (Pa) |
|---------------|------------------------|------------|-------------|------------|------------------------------|------------------------------|--------------------|
|               |                        | 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<sub>2</sub>  
concentration: 30ppm 10cm/s conditions: 23°C, 50% rF



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



# MVX SERIES

FINE FILTERS

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

### Applications

- Gas turbine applications

### Advantages

- High surface area
- High efficiency
- Energy saver

**FULLY  
POTTED**



| Part Number     | EN 779:2012 Efficiency | ISO 16890 Class | Dimensions |             |            | Media Area (m <sup>2</sup> ) | Air Flow (m <sup>3</sup> /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

FINE FILTERS ◀

|                              |                  |
|------------------------------|------------------|
| <b>Media</b>                 | Microglass Fiber |
| <b>Frame</b>                 | PS               |
| <b>Final Pressure Drop</b>   | 450 Pa           |
| <b>Operating Temperature</b> | 80°C             |
| <b>Filter Efficiency*</b>    | F7-F8-F9         |
| <b>Filter Class**</b>        | ISO ePM1         |
| <b>Gasket</b>                | Optional         |
| <b>Sealant</b>               | Polyurethane     |
| <b>Separators</b>            | Hot Melt         |
| <b>Header Thickness</b>      | 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 <sup>2</sup> ) | Air Flow (m <sup>3</sup> /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

FINE FILTERS

|                              |                      |
|------------------------------|----------------------|
| <b>Media</b>                 | Microglass Fiber     |
| <b>Frame</b>                 | PS                   |
| <b>Final Pressure Drop</b>   | 450 Pa               |
| <b>Operating Temperature</b> | 80°C                 |
| <b>Filter Efficiency*</b>    | M6-F7-F8-F9          |
| <b>Filter Class**</b>        | ISO ePM10 / ISO ePM1 |
| <b>Gasket</b>                | Optional             |
| <b>Sealant</b>               | Polyurethane         |
| <b>Separators</b>            | Hot Melt             |
| <b>Header Thickness</b>      | 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 <sup>2</sup> ) | Air Flow (m <sup>3</sup> /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



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



### Applications

- Terminal filtration in air treatment units

### Advantages

- High air flow
- Low pressure drop

| Part Number          | Filter Class           |                 |         | Dimensions |             |            | Media Area (m <sup>2</sup> ) | Air Flow (m <sup>3</sup> /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



| Part Number          | Filter Class           |                 |         | Dimensions |             |            | Media Area (m <sup>2</sup> ) | Air Flow (m <sup>3</sup> /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 |
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HIGH TEMPERATURE  
FILTERS

# ▶ MSKPHT SERIES

HIGH TEMPERATURE FILTERS ◀

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



### Applications

- Pre-filter for heat treatment

### Advantages

- Depth loading
- High dust holding capacity

| Part Number       | EN 779:2012 Efficiency | ISO 16890 Class | Dimensions |             |            | Media Area (m <sup>2</sup> ) | Air Flow (m <sup>3</sup> /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

## HIGH TEMPERATURE FILTERS

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

### Applications

- Automotive industry

### Advantages

- High efficiency
- High surface area



| Part Number                   | EN 779:2012 Efficiency | ISO 16890 Class | Dimensions |             |            | Media Area (m <sup>2</sup> ) | Air Flow (m <sup>3</sup> /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            |



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

‘-’ Models so marked are **not Eurovent certified**

# MVHHT SERIES

HIGH TEMPERATURE FILTERS

|                            |                                     |
|----------------------------|-------------------------------------|
| <b>Media</b>               | Micro Glass Fiber                   |
| <b>Separators</b>          | Micro Glass Fiber                   |
| <b>Frame</b>               | Stainless Steel or Galvanized Steel |
| <b>Sealant</b>             | Silicone                            |
| <b>Temperature Max.</b>    | 250°C                               |
| <b>Final Pressure Drop</b> | 600 Pa                              |

### Applications

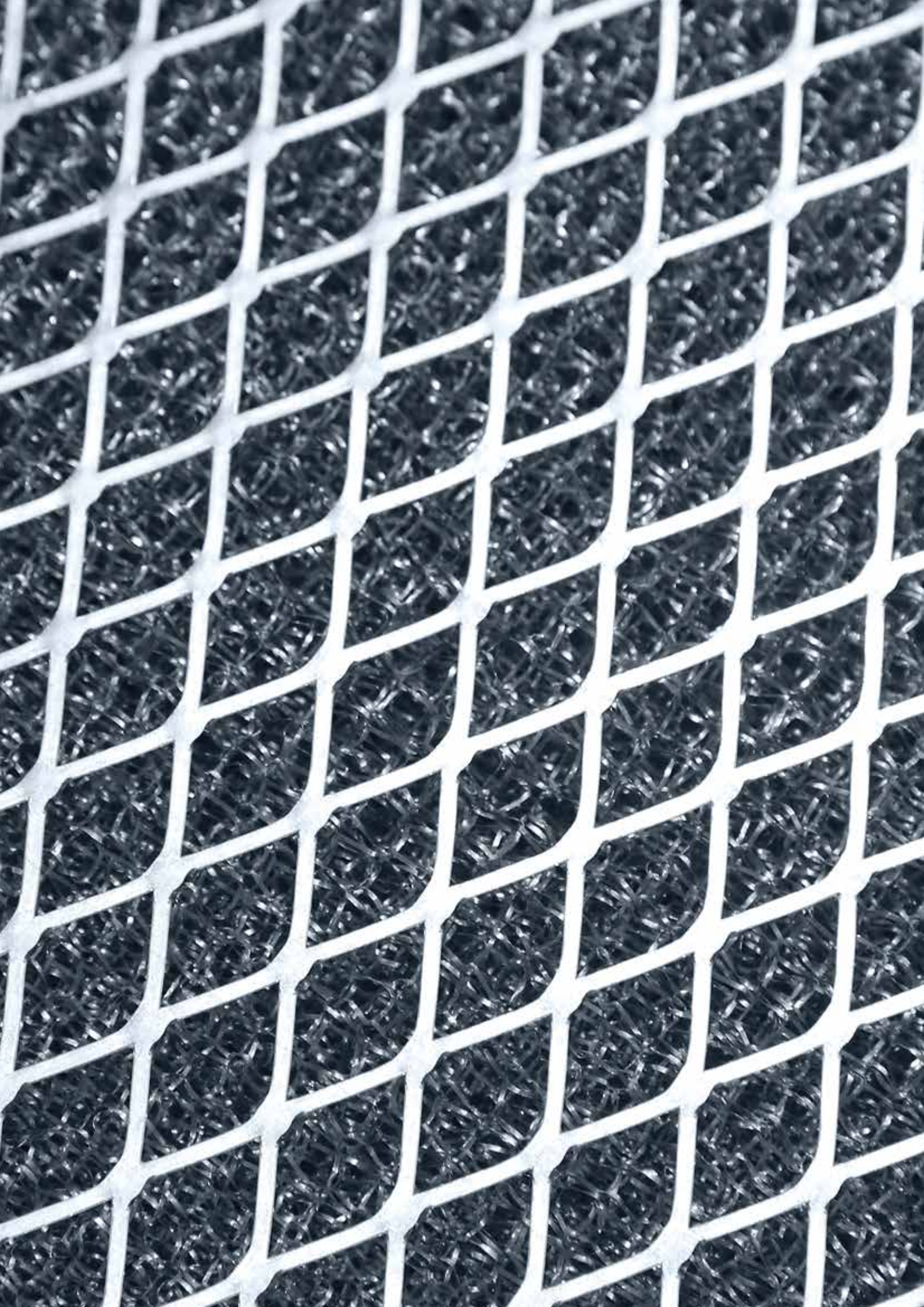
- Air conditioning systems
- Industrial processes



 **250°C**

| Part Number                   | EN 779:2012 Efficiency | ISO 16890 Class | EN 1822 | Dimensions |             |            | Media Area (m <sup>2</sup> ) | Air Flow (m <sup>3</sup> /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                |





# ▶ MPHT SERIES 30-78 mm

# HIGH TEMPERATURE FILTERS ◀

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

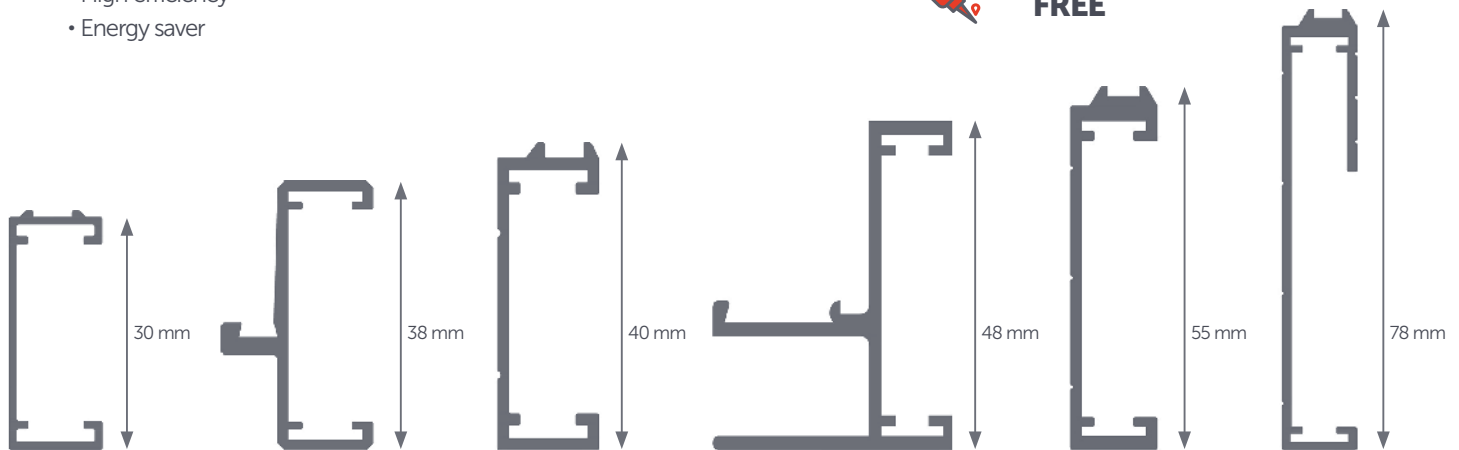


### Applications

- Painting ovens

### Advantages

- High efficiency
- Energy saver



| Part Number             | EN 779:2012 Efficiency | ISO 16890 Class | Dimensions |             |            | Media Area (m <sup>2</sup> ) | Air Flow (m <sup>3</sup> /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

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



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

‘-’ Models so marked are **not Eurovent certified**

# MASHT SERIES

## HIGH TEMPERATURE FILTERS

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



### Applications

- Automotive industry

### Advantages

- High efficiency
- High surface area

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



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

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



| Part Number                      | EN 779:2012 Efficiency | ISO 16890 Class | Dimensions |             |            | Media Area (m <sup>2</sup> ) | Air Flow (m <sup>3</sup> /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



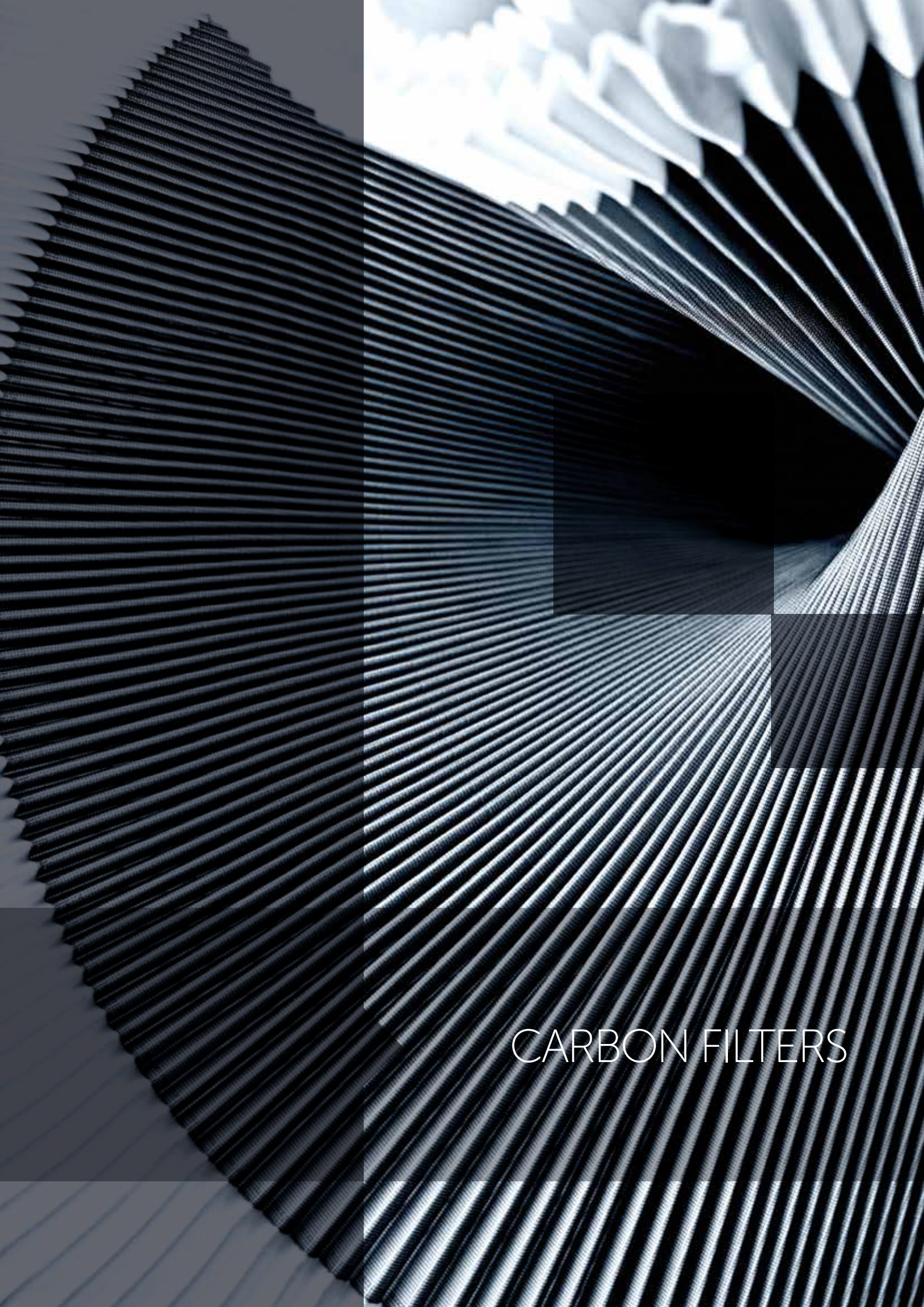
'-' Models so marked are **not Eurovent certified**



# 05

## **CARBON FILTERS**

|                                 |           |
|---------------------------------|-----------|
| MV-ACP SERIES                   | <b>82</b> |
| ACTIVATED CARBON CARTRIDGES     | <b>84</b> |
| ACTIVATED CARBON HOUSINGS       | <b>84</b> |
| ACTIVATED CARBON V CELL FILTERS | <b>85</b> |
| ACTIVATED CARBON PANEL FILTERS  | <b>85</b> |



CARBON FILTERS

## MV-ACP SERIES

CARBON FILTERS

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



### Applications

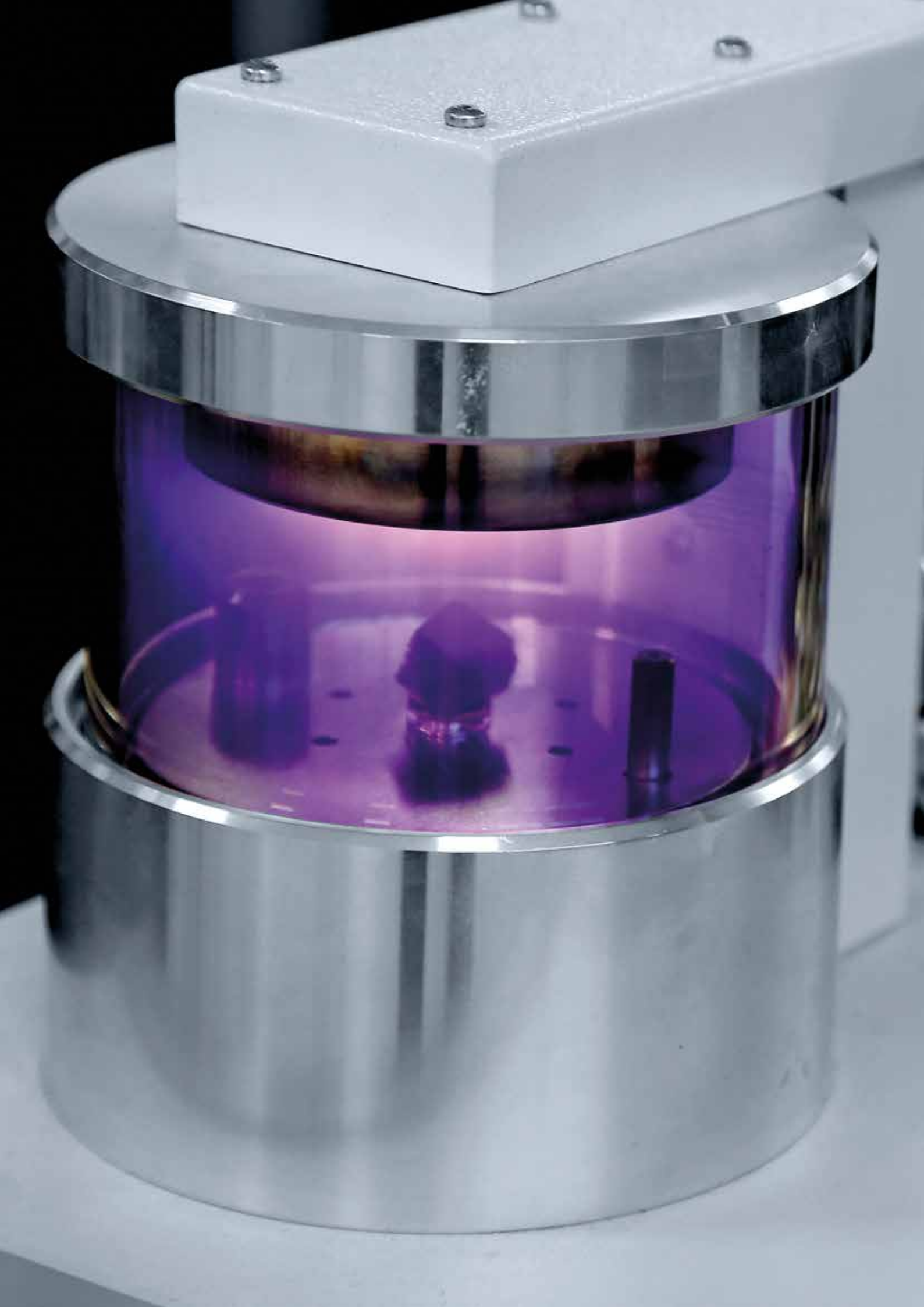
- Deodorization and purification of gaseous pollutants

### Advantages

- High air flow

| Part Number  | EN 779:2012<br>Efficiency | Dimensions    |             |               | Media Area<br>(m <sup>2</sup> ) | Air Flow<br>(m <sup>3</sup> /h) | Pressure Drop<br>(Pa) |
|--------------|---------------------------|---------------|-------------|---------------|---------------------------------|---------------------------------|-----------------------|
|              |                           | Width<br>(mm) | Length (mm) | Depth<br>(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                   |





## ▶ ACTIVATED CARBON CARTRIDGES

CARBON FILTERS ◀

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

### Applications

- Absorption of odors and gases

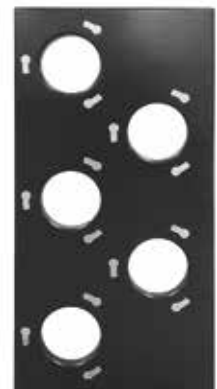


## ▶ ACTIVATED CARBON HOUSINGS

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



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



## ▶ ACTIVATED CARBON V CELL FILTERS

CARBON FILTERS ◀

|                         |                  |
|-------------------------|------------------|
| <b>Carbon Type</b>      | ACG              |
| <b>Material</b>         | Galvanized Steel |
| <b>RH. Max.</b>         | 70%              |
| <b>Max. Temperature</b> | 40°C             |
| <b>Sealant</b>          | Polyurethane     |

### Applications

- Absorption of odors and gases



| Part Number            | Dimensions |             |            | Cell Type | Min. Contact Time (s) | Air Flow (m <sup>3</sup> /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

|                         |                  |
|-------------------------|------------------|
| <b>Carbon Type</b>      | ACG              |
| <b>Material</b>         | Galvanized Steel |
| <b>RH. Max.</b>         | 70%              |
| <b>Max. Temperature</b> | 40°C             |

### Applications

- Absorption of odors and gases



| Part Number         | Dimensions |             |            | Min. Contact Time (s) | Air Flow (m <sup>3</sup> /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        | <b>88</b>  |
| HFR SERIES ALUMINIUM PROFILE 55 mm        | <b>91</b>  |
| HFN SERIES ALUMINIUM PROFILE 66 mm        | <b>94</b>  |
| HFN SERIES ALUMINIUM PROFILE 70 mm        | <b>97</b>  |
| HFN SERIES ALUMINIUM PROFILE 78 mm        | <b>100</b> |
| HFN SERIES MDF 78 mm                      | <b>103</b> |
| HFN SERIES GEL SEAL 73 mm                 | <b>106</b> |
| HFN SERIES GEL SEAL 80 mm                 | <b>109</b> |
| HFP SERIES GEL SEAL 88 mm                 | <b>112</b> |
| HFP SERIES GEL SEAL 104 mm                | <b>115</b> |
| HFP SERIES ALUMINIUM PROFILE 90 mm        | <b>118</b> |
| HFN SERIES ALUMINIUM PROFILE 150 mm       | <b>121</b> |
| HFN SERIES MDF FRAME 150 mm               | <b>124</b> |
| HFP SERIES ALUMINIUM PROFILE 150 mm       | <b>127</b> |
| HFP SERIES MDF FRAME 150 mm               | <b>130</b> |
| HFS SERIES ALUMINIUM PROFILE 110 mm       | <b>133</b> |
| HFS SERIES ALUMINIUM PROFILE 150 mm       | <b>136</b> |
| HFS SERIES MDF FRAME 150 mm               | <b>139</b> |
| HFH SERIES MDF FRAME 292 mm               | <b>142</b> |
| HFH SERIES SHEET METAL FRAME 292 mm       | <b>144</b> |
| HFX SERIES MDF FRAME 292 mm               | <b>146</b> |
| HFX SERIES SHEET METAL FRAME 292 mm       | <b>148</b> |
| MV HEPA SERIES PLASTIC FRAME 292 mm       | <b>150</b> |
| MVH SERIES PLASTIC FRAME 292 mm           | <b>152</b> |
| MVH SERIES PLASTIC FRAME MAX. FLOW 292 mm | <b>153</b> |
| MVH SERIES METAL FRAME 292 mm             | <b>154</b> |
| MVH SERIES METAL FRAME MAX. FLOW 292 mm   | <b>155</b> |
| MHH SERIES MICRO HOOD FILTER 125 mm       | <b>156</b> |
| MHH SERIES MICRO HOOD FILTER 150 mm       | <b>157</b> |





EPA, HEPA & ULPA  
FILTERS

# HFM SERIES ALUMINIUM PROFILE 47 mm

EPA, HEPA & ULPA FILTERS

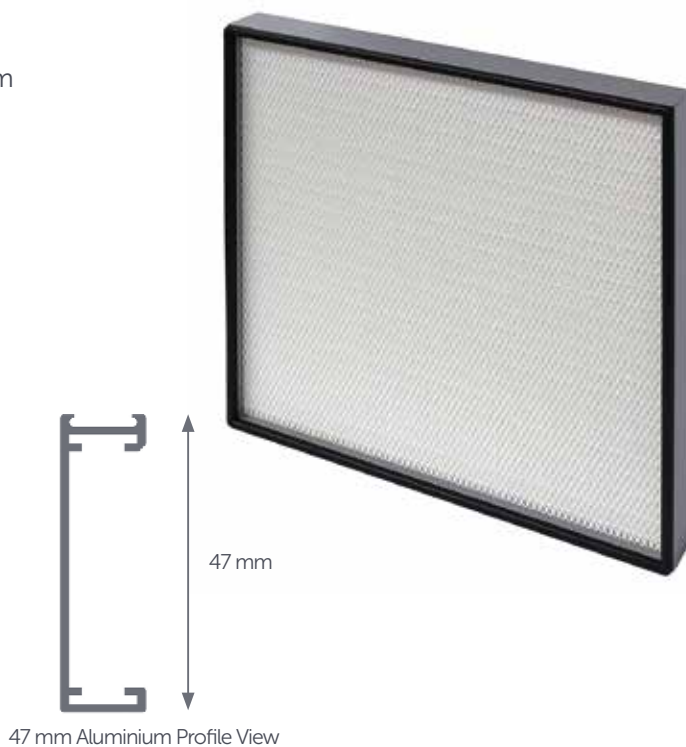
|                              |                                      |
|------------------------------|--------------------------------------|
| <b>Media</b>                 | Microglass Fiber                     |
| <b>Frame</b>                 | Extruded Anodized Aluminium          |
| <b>Final Pressure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

### 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<br>EN 1822 | Dimensions    |                |               | Media Area<br>(m <sup>2</sup> ) | Air Flow<br>(m <sup>3</sup> /h) | Pressure<br>Drop<br>(Pa) |
|-------------|-------------------------|---------------|----------------|---------------|---------------------------------|---------------------------------|--------------------------|
|             |                         | Width<br>(mm) | Length<br>(mm) | Depth<br>(mm) |                                 |                                 |                          |

### ► E10

|                         |     |     |      |    |       |     |    |
|-------------------------|-----|-----|------|----|-------|-----|----|
| HFM-305/305/47-10APD2G  | E10 | 305 | 305  | 47 | 1.50  | 75  | 30 |
| HFM-457/457/47-10APD2G  | E10 | 457 | 457  | 47 | 3.40  | 165 | 30 |
| HFM-457/610/47-10APD2G  | E10 | 457 | 610  | 47 | 4.50  | 225 | 30 |
| HFM-305/610/47-10APD2G  | E10 | 305 | 610  | 47 | 3.00  | 150 | 30 |
| HFM-610/610/47-10APD2G  | E10 | 610 | 610  | 47 | 6.00  | 300 | 30 |
| HFM-610/915/47-10APD2G  | E10 | 610 | 915  | 47 | 9.00  | 450 | 30 |
| HFM-610/1220/47-10APD2G | E10 | 610 | 1220 | 47 | 12.00 | 600 | 30 |
| HFM-610/1524/47-10APD2G | E10 | 610 | 1525 | 47 | 15.00 | 750 | 30 |
| HFM-610/1830/47-10APD2G | E10 | 610 | 1830 | 47 | 18.00 | 900 | 30 |
| HFM-610/762/47-10APD2G  | E10 | 610 | 762  | 47 | 7.50  | 375 | 30 |
| HFM-762/762/47-10APD2G  | E10 | 762 | 762  | 47 | 9.40  | 465 | 30 |
| HFM-915/915/47-10APD2G  | E10 | 915 | 915  | 47 | 13.50 | 675 | 30 |
| HFM-915/1220/47-10APD2G | E10 | 915 | 1220 | 47 | 18.00 | 900 | 30 |

### ► E11

|                        |     |     |     |    |      |     |    |
|------------------------|-----|-----|-----|----|------|-----|----|
| HFM-305/305/47-11APD2G | E11 | 305 | 305 | 47 | 1.50 | 75  | 60 |
| HFM-457/457/47-11APD2G | E11 | 457 | 457 | 47 | 3.40 | 165 | 60 |

\*\*\*\* According to EN 1822

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

**► E12**

|                         |     |     |      |    |       |     |    |
|-------------------------|-----|-----|------|----|-------|-----|----|
| HFM-305/305/47-12APD2G  | E12 | 305 | 305  | 47 | 1.50  | 75  | 95 |
| HFM-457/457/47-12APD2G  | E12 | 457 | 457  | 47 | 3.40  | 165 | 95 |
| HFM-457/610/47-12APD2G  | E12 | 457 | 610  | 47 | 4.50  | 225 | 95 |
| HFM-305/610/47-12APD2G  | E12 | 305 | 610  | 47 | 3.00  | 150 | 95 |
| HFM-610/610/47-12APD2G  | E12 | 610 | 610  | 47 | 6.00  | 300 | 95 |
| HFM-610/915/47-12APD2G  | E12 | 610 | 915  | 47 | 9.00  | 450 | 95 |
| HFM-610/1220/47-12APD2G | E12 | 610 | 1220 | 47 | 12.00 | 600 | 95 |
| HFM-610/1524/47-12APD2G | E12 | 610 | 1525 | 47 | 15.00 | 750 | 95 |
| HFM-610/1830/47-12APD2G | E12 | 610 | 1830 | 47 | 18.00 | 900 | 95 |
| HFM-610/762/47-12APD2G  | E12 | 610 | 762  | 47 | 7.50  | 375 | 95 |
| HFM-762/762/47-12APD2G  | E12 | 762 | 762  | 47 | 9.40  | 465 | 95 |
| HFM-915/915/47-12APD2G  | E12 | 915 | 915  | 47 | 13.50 | 675 | 95 |
| HFM-915/1220/47-12APD2G | E12 | 915 | 1220 | 47 | 18.00 | 900 | 95 |

**► H13**

|                         |     |     |      |    |       |     |     |
|-------------------------|-----|-----|------|----|-------|-----|-----|
| HFM-305/305/47-13APD2G  | H13 | 305 | 305  | 47 | 1.50  | 75  | 120 |
| HFM-457/457/47-13APD2G  | H13 | 457 | 457  | 47 | 3.40  | 165 | 120 |
| HFM-457/610/47-13APD2G  | H13 | 457 | 610  | 47 | 4.50  | 225 | 120 |
| HFM-305/610/47-13APD2G  | H13 | 305 | 610  | 47 | 3.00  | 150 | 120 |
| HFM-610/610/47-13APD2G  | H13 | 610 | 610  | 47 | 6.00  | 300 | 120 |
| HFM-610/915/47-13APD2G  | H13 | 610 | 915  | 47 | 9.00  | 450 | 120 |
| HFM-610/1220/47-13APD2G | H13 | 610 | 1220 | 47 | 12.00 | 600 | 120 |
| HFM-610/1524/47-13APD2G | H13 | 610 | 1525 | 47 | 15.00 | 750 | 120 |
| HFM-610/1830/47-13APD2G | H13 | 610 | 1830 | 47 | 18.00 | 900 | 120 |

\*\*\*\* According to EN 1822

| Part Number             | Filter Class<br>EN 1822 | Dimensions    |                |               | Media Area<br>(m <sup>2</sup> ) | Air Flow<br>(m <sup>3</sup> /h) | Pressure<br>Drop<br>(Pa) |
|-------------------------|-------------------------|---------------|----------------|---------------|---------------------------------|---------------------------------|--------------------------|
|                         |                         | Width<br>(mm) | Length<br>(mm) | Depth<br>(mm) |                                 |                                 |                          |
| HFM-610/762/47-13APD2G  | H13                     | 610           | 762            | 47            | 7.50                            | 375                             | 120                      |
| HFM-762/762/47-13APD2G  | H13                     | 762           | 762            | 47            | 9.40                            | 465                             | 120                      |
| HFM-915/915/47-13APD2G  | H13                     | 915           | 915            | 47            | 13.50                           | 675                             | 120                      |
| HFM-915/1220/47-13APD2G | H13                     | 915           | 1220           | 47            | 18.00                           | 900                             | 120                      |

**H14**

|                         |     |     |      |    |       |     |     |
|-------------------------|-----|-----|------|----|-------|-----|-----|
| HFM-305/305/47-14APD2G  | H14 | 305 | 305  | 47 | 1.50  | 75  | 130 |
| HFM-457/457/47-14APD2G  | H14 | 457 | 457  | 47 | 3.40  | 165 | 130 |
| HFM-457/610/47-14APD2G  | H14 | 457 | 610  | 47 | 4.50  | 225 | 130 |
| HFM-305/610/47-14APD2G  | H14 | 305 | 610  | 47 | 3.00  | 150 | 130 |
| HFM-610/610/47-14APD2G  | H14 | 610 | 610  | 47 | 6.00  | 300 | 130 |
| HFM-610/915/47-14APD2G  | H14 | 610 | 915  | 47 | 9.00  | 450 | 130 |
| HFM-610/1220/47-14APD2G | H14 | 610 | 1220 | 47 | 12.00 | 600 | 130 |
| HFM-610/1524/47-14APD2G | H14 | 610 | 1524 | 47 | 15.00 | 750 | 130 |
| HFM-610/1830/47-14APD2G | H14 | 610 | 1830 | 47 | 18.00 | 900 | 130 |
| HFM-610/762/47-14APD2G  | H14 | 610 | 762  | 47 | 7.50  | 375 | 130 |
| HFM-762/762/47-14APD2G  | H14 | 762 | 762  | 47 | 9.40  | 465 | 130 |
| HFM-915/915/47-14APD2G  | H14 | 915 | 915  | 47 | 13.50 | 675 | 130 |
| HFM-915/1220/47-14APD2G | H14 | 915 | 1220 | 47 | 18.00 | 900 | 130 |

**U15**

|                         |     |     |      |    |       |     |     |
|-------------------------|-----|-----|------|----|-------|-----|-----|
| HFM-305/305/47-15APD2G  | U15 | 305 | 305  | 47 | 1.50  | 75  | 190 |
| HFM-457/457/47-15APD2G  | U15 | 457 | 457  | 47 | 3.40  | 165 | 190 |
| HFM-457/610/47-15APD2G  | U15 | 457 | 610  | 47 | 4.50  | 225 | 190 |
| HFM-305/610/47-15APD2G  | U15 | 305 | 610  | 47 | 3.00  | 150 | 190 |
| HFM-610/610/47-15APD2G  | U15 | 610 | 610  | 47 | 6.00  | 300 | 190 |
| HFM-610/915/47-15APD2G  | U15 | 610 | 915  | 47 | 9.00  | 450 | 190 |
| HFM-610/1220/47-15APD2G | U15 | 610 | 1220 | 47 | 12.00 | 600 | 190 |
| HFM-610/1524/47-15APD2G | U15 | 610 | 1525 | 47 | 15.00 | 750 | 190 |
| HFM-610/1830/47-15APD2G | U15 | 610 | 1830 | 47 | 18.00 | 900 | 190 |
| HFM-610/762/47-15APD2G  | U15 | 610 | 762  | 47 | 7.50  | 375 | 190 |
| HFM-762/762/47-15APD2G  | U15 | 762 | 762  | 47 | 9.40  | 465 | 190 |
| HFM-915/915/47-15APD2G  | U15 | 915 | 915  | 47 | 13.50 | 675 | 190 |
| HFM-915/1220/47-15APD2G | U15 | 915 | 1220 | 47 | 18.00 | 900 | 190 |

\*\*\*\* According to EN 1822

## ▶ HFR SERIES ALUMINIUM PROFILE 55 mm

EPA, HEPA & ULPA FILTERS ◀

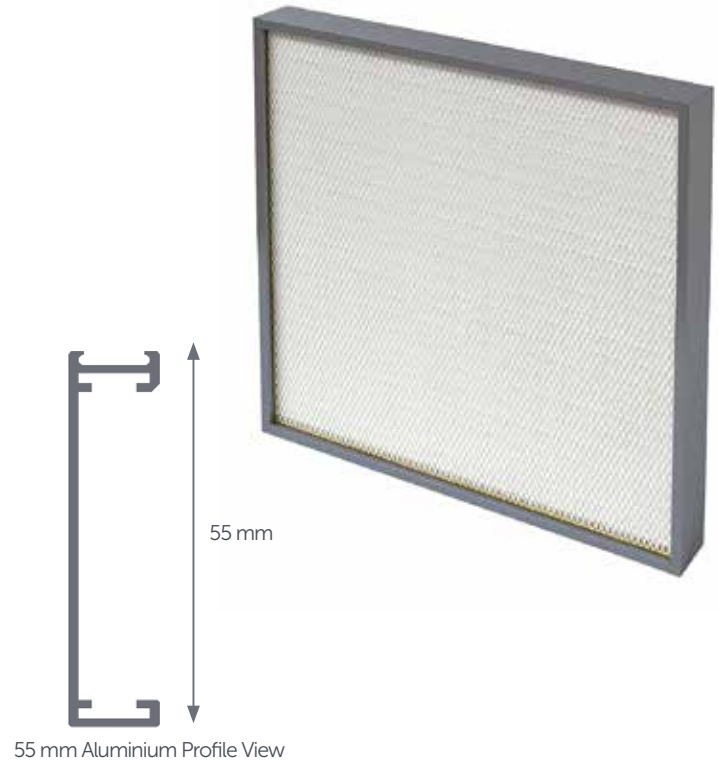
|                              |                                      |
|------------------------------|--------------------------------------|
| <b>Media</b>                 | Microglass Fiber                     |
| <b>Frame</b>                 | Extruded Anodized Aluminium          |
| <b>Final Pressure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

### 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<br>EN 1822 | Dimensions    |                |               | Media Area<br>(m <sup>2</sup> ) | Air Flow<br>(m <sup>3</sup> /h) | Pressure<br>Drop<br>(Pa) |
|-------------|-------------------------|---------------|----------------|---------------|---------------------------------|---------------------------------|--------------------------|
|             |                         | Width<br>(mm) | Length<br>(mm) | Depth<br>(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

| Part Number             | Filter Class<br>EN 1822 | Dimensions    |                |               | Media Area<br>(m <sup>2</sup> ) | Air Flow<br>(m <sup>3</sup> /h) | Pressure<br>Drop<br>(Pa) |
|-------------------------|-------------------------|---------------|----------------|---------------|---------------------------------|---------------------------------|--------------------------|
|                         |                         | Width<br>(mm) | Length<br>(mm) | Depth<br>(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

| Part Number             | Filter Class<br>EN 1822 | Dimensions    |                |               | Media Area<br>(m <sup>2</sup> ) | Air Flow<br>(m <sup>3</sup> /h) | Pressure<br>Drop<br>(Pa) |
|-------------------------|-------------------------|---------------|----------------|---------------|---------------------------------|---------------------------------|--------------------------|
|                         |                         | Width<br>(mm) | Length<br>(mm) | Depth<br>(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**

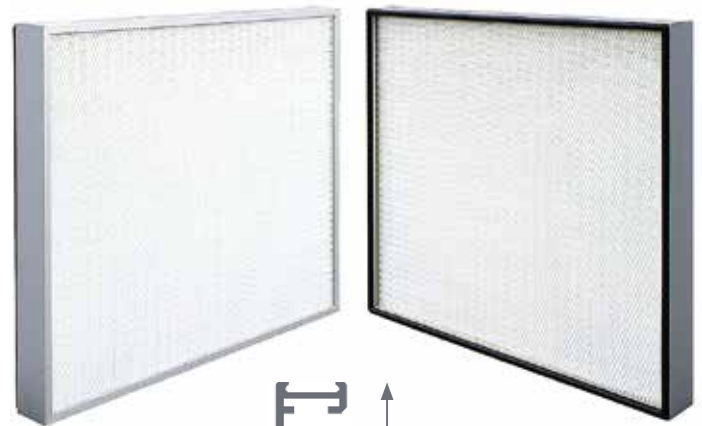
|                         |     |     |      |    |      |      |     |
|-------------------------|-----|-----|------|----|------|------|-----|
| HFR-305/305/55-15APD2G  | U15 | 305 | 305  | 55 | 1.8  | 105  | 140 |
| HFR-457/457/55-15APD2G  | U15 | 457 | 457  | 55 | 4.1  | 235  | 140 |
| HFR-457/610/55-15APD2G  | 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

EPA, HEPA & ULPA FILTERS ◀

|                              |                                   |
|------------------------------|-----------------------------------|
| <b>Media</b>                 | Microglass Fiber                  |
| <b>Frame</b>                 | Extruded Anodized Aluminium       |
| <b>Final Pressure Drop</b>   | 600 Pa                            |
| <b>Operating Temperature</b> | 80°C                              |
| <b>Filter Efficiency****</b> | E10-U15                           |
| <b>Gasket</b>                | Half Round Endless Polyurethane   |
| <b>Protection Grids</b>      | Powder Coated Metal on Both Sides |
| <b>Separators</b>            | 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 <sup>2</sup> ) | Air Flow (m <sup>3</sup> /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



| Part Number             | Filter Class<br>EN 1822 | Dimensions    |                |               | Media Area<br>(m <sup>2</sup> ) | Air Flow<br>(m <sup>3</sup> /h) | Pressure<br>Drop<br>(Pa) |
|-------------------------|-------------------------|---------------|----------------|---------------|---------------------------------|---------------------------------|--------------------------|
|                         |                         | Width<br>(mm) | Length<br>(mm) | Depth<br>(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

| Part Number             | Filter Class<br>EN 1822 | Dimensions    |                |               | Media Area<br>(m <sup>2</sup> ) | Air Flow<br>(m <sup>3</sup> /h) | Pressure<br>Drop<br>(Pa) |
|-------------------------|-------------------------|---------------|----------------|---------------|---------------------------------|---------------------------------|--------------------------|
|                         |                         | Width<br>(mm) | Length<br>(mm) | Depth<br>(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**

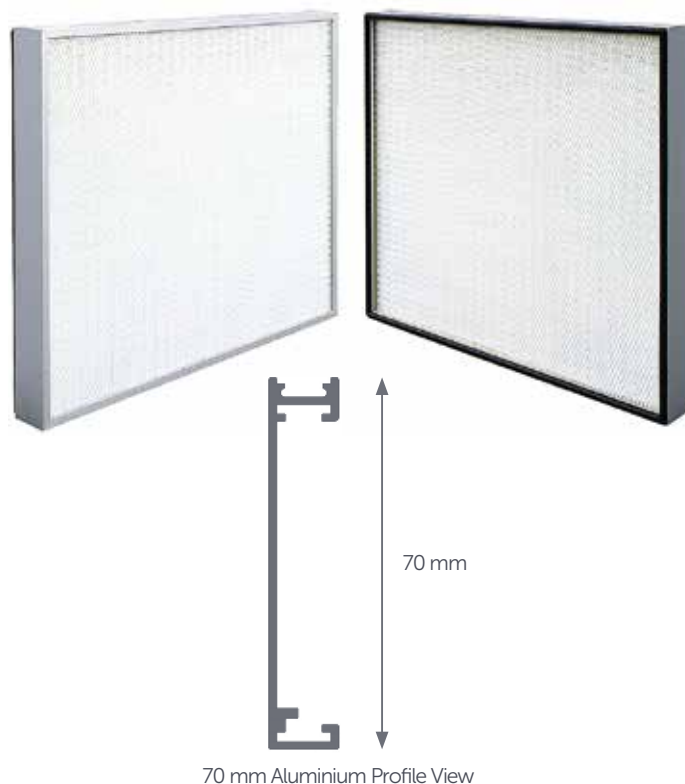
|                         |     |     |      |    |      |      |     |
|-------------------------|-----|-----|------|----|------|------|-----|
| HFN-305/305/66-15APD2G  | U15 | 305 | 305  | 66 | 2.6  | 150  | 140 |
| HFN-457/457/66-15APD2G  | U15 | 457 | 457  | 66 | 5.8  | 335  | 140 |
| HFN-457/610/66-15APD2G  | 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

EPA, HEPA & ULPA FILTERS ◀

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



### 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 <sup>2</sup> ) | Air Flow (m <sup>3</sup> /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

| Part Number             | Filter Class<br>EN 1822 | Dimensions    |                |               | Media Area<br>(m <sup>2</sup> ) | Air Flow<br>(m <sup>3</sup> /h) | Pressure<br>Drop<br>(Pa) |
|-------------------------|-------------------------|---------------|----------------|---------------|---------------------------------|---------------------------------|--------------------------|
|                         |                         | Width<br>(mm) | Length<br>(mm) | Depth<br>(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

| Part Number             | Filter Class<br>EN 1822 | Dimensions    |                |               | Media Area<br>(m <sup>2</sup> ) | Air Flow<br>(m <sup>3</sup> /h) | Pressure<br>Drop<br>(Pa) |
|-------------------------|-------------------------|---------------|----------------|---------------|---------------------------------|---------------------------------|--------------------------|
|                         |                         | Width<br>(mm) | Length<br>(mm) | Depth<br>(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

EPA, HEPA & ULPA FILTERS ◀

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

### 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 <sup>2</sup> ) | Air Flow (m <sup>3</sup> /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

| Part Number              | Filter Class<br>EN 1822 | Dimensions    |                |               | Media Area<br>(m <sup>2</sup> ) | Air Flow<br>(m <sup>3</sup> /h) | Pressure<br>Drop<br>(Pa) |
|--------------------------|-------------------------|---------------|----------------|---------------|---------------------------------|---------------------------------|--------------------------|
|                          |                         | Width<br>(mm) | Length<br>(mm) | Depth<br>(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

| Part Number              | Filter Class<br>EN 1822 | Dimensions    |                |               | Media Area<br>(m <sup>2</sup> ) | Air Flow<br>(m <sup>3</sup> /h) | Pressure<br>Drop<br>(Pa) |
|--------------------------|-------------------------|---------------|----------------|---------------|---------------------------------|---------------------------------|--------------------------|
|                          |                         | Width<br>(mm) | Length<br>(mm) | Depth<br>(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



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



### Applications

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

| Part Number | Filter Class<br>EN 1822 | Dimensions    |                |               | Media Area<br>(m <sup>2</sup> ) | Air Flow<br>(m <sup>3</sup> /h) | Pressure<br>Drop<br>(Pa) |
|-------------|-------------------------|---------------|----------------|---------------|---------------------------------|---------------------------------|--------------------------|
|             |                         | Width<br>(mm) | Length<br>(mm) | Depth<br>(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

| Part Number          | Filter Class<br>EN 1822 | Dimensions    |                |               | Media Area<br>(m <sup>2</sup> ) | Air Flow<br>(m <sup>3</sup> /h) | Pressure<br>Drop<br>(Pa) |
|----------------------|-------------------------|---------------|----------------|---------------|---------------------------------|---------------------------------|--------------------------|
|                      |                         | Width<br>(mm) | Length<br>(mm) | Depth<br>(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

| Part Number          | Filter Class<br>EN 1822 | Dimensions    |                |               | Media Area<br>(m <sup>2</sup> ) | Air Flow<br>(m <sup>3</sup> /h) | Pressure<br>Drop<br>(Pa) |
|----------------------|-------------------------|---------------|----------------|---------------|---------------------------------|---------------------------------|--------------------------|
|                      |                         | Width<br>(mm) | Length<br>(mm) | Depth<br>(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**

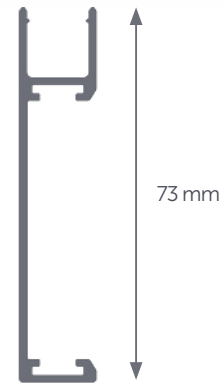
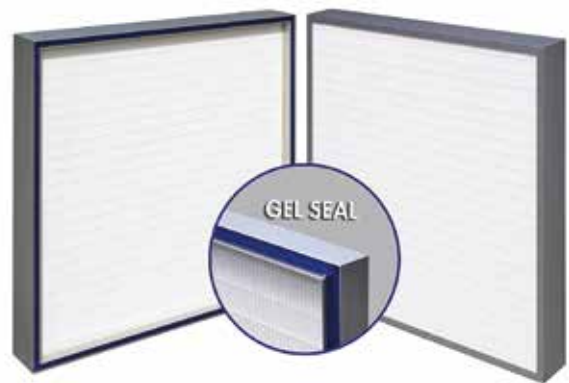
|                      |     |     |      |    |      |      |     |
|----------------------|-----|-----|------|----|------|------|-----|
| HFN-305/305/78-14PD  | H14 | 305 | 305  | 78 | 2.6  | 275  | 250 |
| HFN-457/457/78-14PD  | H14 | 457 | 457  | 78 | 5.8  | 610  | 250 |
| HFN-457/610/78-14PD  | 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

EPA, HEPA & ULPA FILTERS ◀

|                              |                                   |
|------------------------------|-----------------------------------|
| <b>Media</b>                 | Microglass Fiber                  |
| <b>Frame</b>                 | Extruded Anodized Aluminium       |
| <b>Final Pressure Drop</b>   | 600 Pa                            |
| <b>Operating Temperature</b> | 80°C                              |
| <b>Filter Efficiency****</b> | E10-U15                           |
| <b>Gasket</b>                | Gel                               |
| <b>Protection Grids</b>      | Powder Coated Metal on Both Sides |
| <b>Separators</b>            | 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 <sup>2</sup> ) | Air Flow (m <sup>3</sup> /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

| Part Number             | Filter Class<br>EN 1822 | Dimensions    |                |               | Media Area<br>(m <sup>2</sup> ) | Air Flow<br>(m <sup>3</sup> /h) | Pressure<br>Drop<br>(Pa) |
|-------------------------|-------------------------|---------------|----------------|---------------|---------------------------------|---------------------------------|--------------------------|
|                         |                         | Width<br>(mm) | Length<br>(mm) | Depth<br>(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

| Part Number             | Filter Class<br>EN 1822 | Dimensions    |                |               | Media Area<br>(m <sup>2</sup> ) | Air Flow<br>(m <sup>3</sup> /h) | Pressure<br>Drop<br>(Pa) |
|-------------------------|-------------------------|---------------|----------------|---------------|---------------------------------|---------------------------------|--------------------------|
|                         |                         | Width<br>(mm) | Length<br>(mm) | Depth<br>(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

EPA, HEPA & ULPA FILTERS ◀

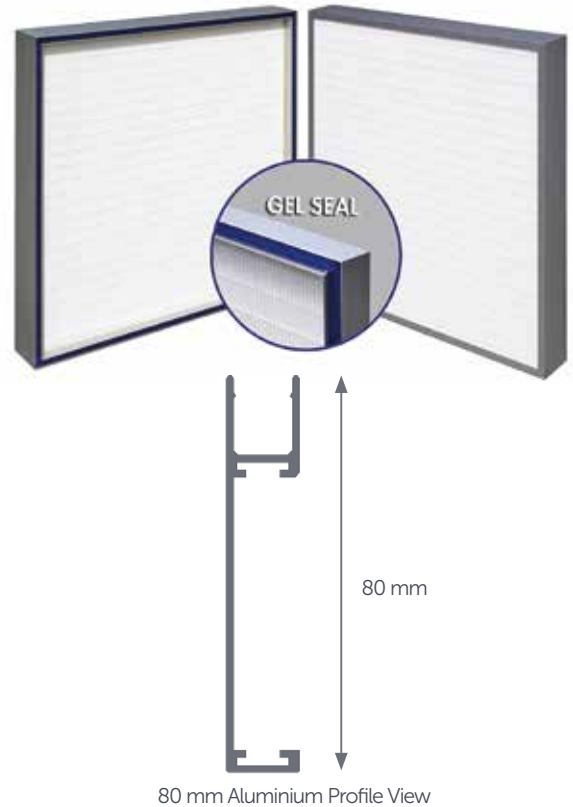
|                              |                                   |
|------------------------------|-----------------------------------|
| <b>Media</b>                 | Microglass Fiber                  |
| <b>Frame</b>                 | Extruded Anodized Aluminium       |
| <b>Final Pressure Drop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

### 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 <sup>2</sup> ) | Air Flow (m <sup>3</sup> /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

| Part Number             | Filter Class<br>EN 1822 | Dimensions    |                |               | Media Area<br>(m <sup>2</sup> ) | Air Flow<br>(m <sup>3</sup> /h) | Pressure<br>Drop<br>(Pa) |
|-------------------------|-------------------------|---------------|----------------|---------------|---------------------------------|---------------------------------|--------------------------|
|                         |                         | Width<br>(mm) | Length<br>(mm) | Depth<br>(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



| Part Number             | Filter Class<br>EN 1822 | Dimensions    |                |               | Media Area<br>(m <sup>2</sup> ) | Air Flow<br>(m <sup>3</sup> /h) | Pressure<br>Drop<br>(Pa) |
|-------------------------|-------------------------|---------------|----------------|---------------|---------------------------------|---------------------------------|--------------------------|
|                         |                         | Width<br>(mm) | Length<br>(mm) | Depth<br>(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**

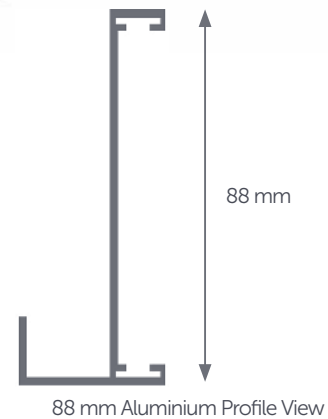
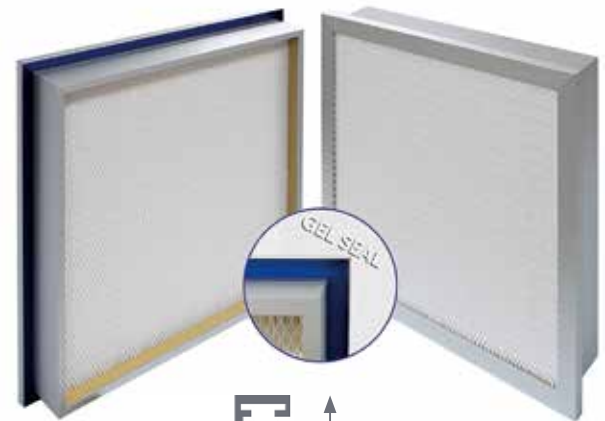
|                         |     |     |      |    |      |      |     |
|-------------------------|-----|-----|------|----|------|------|-----|
| HFN-305/305/80-15APJ2G  | U15 | 305 | 305  | 80 | 2.6  | 150  | 140 |
| HFN-457/457/80-15APJ2G  | U15 | 457 | 457  | 80 | 5.8  | 335  | 140 |
| HFN-457/610/80-15APJ2G  | 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

EPA, HEPA & ULPA FILTERS

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



### 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 <sup>2</sup> ) | Air Flow (m <sup>3</sup> /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

| Part Number             | Filter Class<br>EN 1822 | Dimensions    |                |               | Media Area<br>(m <sup>2</sup> ) | Air Flow<br>(m <sup>3</sup> /h) | Pressure<br>Drop<br>(Pa) |
|-------------------------|-------------------------|---------------|----------------|---------------|---------------------------------|---------------------------------|--------------------------|
|                         |                         | Width<br>(mm) | Length<br>(mm) | Depth<br>(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

| Part Number             | Filter Class<br>EN 1822 | Dimensions    |                |               | Media Area<br>(m <sup>2</sup> ) | Air Flow<br>(m <sup>3</sup> /h) | Pressure<br>Drop<br>(Pa) |
|-------------------------|-------------------------|---------------|----------------|---------------|---------------------------------|---------------------------------|--------------------------|
|                         |                         | Width<br>(mm) | Length<br>(mm) | Depth<br>(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

EPA, HEPA & ULPA FILTERS

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



### 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 <sup>2</sup> ) | Air Flow (m <sup>3</sup> /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

| Part Number              | Filter Class<br>EN 1822 | Dimensions    |                |               | Media Area<br>(m <sup>2</sup> ) | Air Flow<br>(m <sup>3</sup> /h) | Pressure<br>Drop<br>(Pa) |
|--------------------------|-------------------------|---------------|----------------|---------------|---------------------------------|---------------------------------|--------------------------|
|                          |                         | Width<br>(mm) | Length<br>(mm) | Depth<br>(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-762/762/104-11APJ2G  | 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

| Part Number              | Filter Class<br>EN 1822 | Dimensions    |                |               | Media Area<br>(m <sup>2</sup> ) | Air Flow<br>(m <sup>3</sup> /h) | Pressure<br>Drop<br>(Pa) |
|--------------------------|-------------------------|---------------|----------------|---------------|---------------------------------|---------------------------------|--------------------------|
|                          |                         | Width<br>(mm) | Length<br>(mm) | Depth<br>(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

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

### 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<br>EN 1822 | Dimensions    |                |               | Media Area<br>(m <sup>2</sup> ) | Air Flow<br>(m <sup>3</sup> /h) | Pressure Drop<br>(Pa) |
|-------------|-------------------------|---------------|----------------|---------------|---------------------------------|---------------------------------|-----------------------|
|             |                         | Width<br>(mm) | Length<br>(mm) | Depth<br>(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



| Part Number             | Filter Class<br>EN 1822 | Dimensions    |                |               | Media Area<br>(m <sup>2</sup> ) | Air Flow<br>(m <sup>3</sup> /h) | Pressure<br>Drop<br>(Pa) |
|-------------------------|-------------------------|---------------|----------------|---------------|---------------------------------|---------------------------------|--------------------------|
|                         |                         | Width<br>(mm) | Length<br>(mm) | Depth<br>(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

| Part Number             | Filter Class<br>EN 1822 | Dimensions    |                |               | Media Area<br>(m <sup>2</sup> ) | Air Flow<br>(m <sup>3</sup> /h) | Pressure<br>Drop<br>(Pa) |
|-------------------------|-------------------------|---------------|----------------|---------------|---------------------------------|---------------------------------|--------------------------|
|                         |                         | Width<br>(mm) | Length<br>(mm) | Depth<br>(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

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

### Applications

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

### Advantages

- HFN product line fully meets  
the requirements for VDI 6022



150 mm Aluminium Profile View

| Part Number | Filter Class<br>EN 1822 | Dimensions    |                |               | Media Area<br>(m <sup>2</sup> ) | Air Flow<br>(m <sup>3</sup> /h) | Pressure<br>Drop<br>(Pa) |
|-------------|-------------------------|---------------|----------------|---------------|---------------------------------|---------------------------------|--------------------------|
|             |                         | Width<br>(mm) | Length<br>(mm) | Depth<br>(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

| Part Number              | Filter Class<br>EN 1822 | Dimensions    |                |               | Media Area<br>(m <sup>2</sup> ) | Air Flow<br>(m <sup>3</sup> /h) | Pressure<br>Drop<br>(Pa) |
|--------------------------|-------------------------|---------------|----------------|---------------|---------------------------------|---------------------------------|--------------------------|
|                          |                         | Width<br>(mm) | Length<br>(mm) | Depth<br>(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

| Part Number              | Filter Class<br>EN 1822 | Dimensions    |                |               | Media Area<br>(m <sup>2</sup> ) | Air Flow<br>(m <sup>3</sup> /h) | Pressure<br>Drop<br>(Pa) |
|--------------------------|-------------------------|---------------|----------------|---------------|---------------------------------|---------------------------------|--------------------------|
|                          |                         | Width<br>(mm) | Length<br>(mm) | Depth<br>(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

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

### Applications

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



| Part Number | Filter Class EN 1822 | Dimensions |             |            | Media Area (m <sup>2</sup> ) | Air Flow (m <sup>3</sup> /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

| Part Number           | Filter Class<br>EN 1822 | Dimensions    |                |               | Media Area<br>(m <sup>2</sup> ) | Air Flow<br>(m <sup>3</sup> /h) | Pressure<br>Drop<br>(Pa) |
|-----------------------|-------------------------|---------------|----------------|---------------|---------------------------------|---------------------------------|--------------------------|
|                       |                         | Width<br>(mm) | Length<br>(mm) | Depth<br>(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

| Part Number           | Filter Class<br>EN 1822 | Dimensions    |                |               | Media Area<br>(m <sup>2</sup> ) | Air Flow<br>(m <sup>3</sup> /h) | Pressure<br>Drop<br>(Pa) |
|-----------------------|-------------------------|---------------|----------------|---------------|---------------------------------|---------------------------------|--------------------------|
|                       |                         | Width<br>(mm) | Length<br>(mm) | Depth<br>(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



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

### Applications

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

### Advantages

- HFP product line fully meets  
the requirements for VDI 6022



150 mm Aluminium Profile View

| Part Number              | Filter Class<br>EN 1822 | Dimensions    |                |               | Media Area<br>(m <sup>2</sup> ) | Air Flow<br>(m <sup>3</sup> /h) | Pressure<br>Drop<br>(Pa) |
|--------------------------|-------------------------|---------------|----------------|---------------|---------------------------------|---------------------------------|--------------------------|
|                          |                         | Width<br>(mm) | Length<br>(mm) | Depth<br>(mm) |                                 |                                 |                          |
| <b>► E10</b>             |                         |               |                |               |                                 |                                 |                          |
| 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

| Part Number              | Filter Class<br>EN 1822 | Dimensions    |                |               | Media Area<br>(m <sup>2</sup> ) | Air Flow<br>(m <sup>3</sup> /h) | Pressure<br>Drop<br>(Pa) |
|--------------------------|-------------------------|---------------|----------------|---------------|---------------------------------|---------------------------------|--------------------------|
|                          |                         | Width<br>(mm) | Length<br>(mm) | Depth<br>(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

| Part Number              | Filter Class<br>EN 1822 | Dimensions    |                |               | Media Area<br>(m <sup>2</sup> ) | Air Flow<br>(m <sup>3</sup> /h) | Pressure<br>Drop<br>(Pa) |
|--------------------------|-------------------------|---------------|----------------|---------------|---------------------------------|---------------------------------|--------------------------|
|                          |                         | Width<br>(mm) | Length<br>(mm) | Depth<br>(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

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

### Applications

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



| Part Number | Filter Class<br>EN 1822 | Dimensions    |                |               | Media Area<br>(m <sup>2</sup> ) | Air Flow<br>(m <sup>3</sup> /h) | Pressure<br>Drop<br>(Pa) |
|-------------|-------------------------|---------------|----------------|---------------|---------------------------------|---------------------------------|--------------------------|
|             |                         | Width<br>(mm) | Length<br>(mm) | Depth<br>(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

| Part Number           | Filter Class<br>EN 1822 | Dimensions    |                |               | Media Area<br>(m <sup>2</sup> ) | Air Flow<br>(m <sup>3</sup> /h) | Pressure<br>Drop<br>(Pa) |
|-----------------------|-------------------------|---------------|----------------|---------------|---------------------------------|---------------------------------|--------------------------|
|                       |                         | Width<br>(mm) | Length<br>(mm) | Depth<br>(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

| Part Number           | Filter Class<br>EN 1822 | Dimensions    |                |               | Media Area<br>(m <sup>2</sup> ) | Air Flow<br>(m <sup>3</sup> /h) | Pressure<br>Drop<br>(Pa) |
|-----------------------|-------------------------|---------------|----------------|---------------|---------------------------------|---------------------------------|--------------------------|
|                       |                         | Width<br>(mm) | Length<br>(mm) | Depth<br>(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

EPA, HEPA & ULPA FILTERS ◀

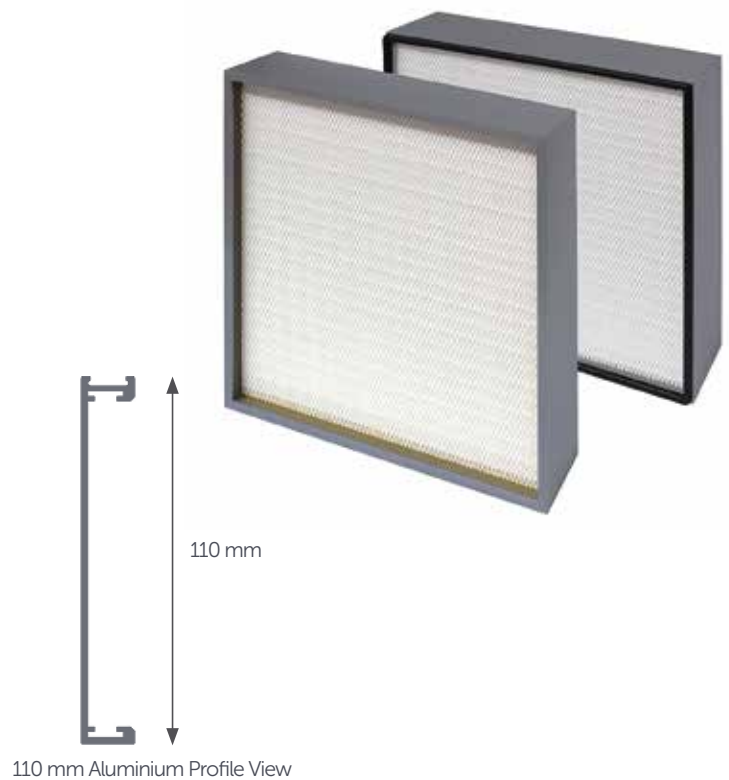
|                              |                                      |
|------------------------------|--------------------------------------|
| <b>Media</b>                 | Microglass Fiber                     |
| <b>Frame</b>                 | Extruded Anodized Aluminium          |
| <b>Final Pressure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

### 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<br>EN 1822 | Dimensions    |                |               | Media Area<br>(m <sup>2</sup> ) | Air Flow<br>(m <sup>3</sup> /h) | Pressure<br>Drop<br>(Pa) |
|-------------|-------------------------|---------------|----------------|---------------|---------------------------------|---------------------------------|--------------------------|
|             |                         | Width<br>(mm) | Length<br>(mm) | Depth<br>(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

| Part Number              | Filter Class<br>EN 1822 | Dimensions    |                |               | Media Area<br>(m <sup>2</sup> ) | Air Flow<br>(m <sup>3</sup> /h) | Pressure<br>Drop<br>(Pa) |
|--------------------------|-------------------------|---------------|----------------|---------------|---------------------------------|---------------------------------|--------------------------|
|                          |                         | Width<br>(mm) | Length<br>(mm) | Depth<br>(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



| Part Number              | Filter Class<br>EN 1822 | Dimensions    |                |               | Media Area<br>(m <sup>2</sup> ) | Air Flow<br>(m <sup>3</sup> /h) | Pressure<br>Drop<br>(Pa) |
|--------------------------|-------------------------|---------------|----------------|---------------|---------------------------------|---------------------------------|--------------------------|
|                          |                         | Width<br>(mm) | Length<br>(mm) | Depth<br>(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

EPA, HEPA & ULPA FILTERS

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

### 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<br>EN 1822 | Dimensions    |                |               | Media Area<br>(m <sup>2</sup> ) | Air Flow<br>(m <sup>3</sup> /h) | Pressure<br>Drop<br>(Pa) |
|-------------|-------------------------|---------------|----------------|---------------|---------------------------------|---------------------------------|--------------------------|
|             |                         | Width<br>(mm) | Length<br>(mm) | Depth<br>(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-610/610/150-10APD2G  | 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

| Part Number              | Filter Class<br>EN 1822 | Dimensions    |                |               | Media Area<br>(m <sup>2</sup> ) | Air Flow<br>(m <sup>3</sup> /h) | Pressure<br>Drop<br>(Pa) |
|--------------------------|-------------------------|---------------|----------------|---------------|---------------------------------|---------------------------------|--------------------------|
|                          |                         | Width<br>(mm) | Length<br>(mm) | Depth<br>(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-610/610/150-11APD2G  | 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-610/610/150-12APD2G  | 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-305/305/150-13APD2G  | 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

| Part Number              | Filter Class<br>EN 1822 | Dimensions    |                |               | Media Area<br>(m <sup>2</sup> ) | Air Flow<br>(m <sup>3</sup> /h) | Pressure<br>Drop<br>(Pa) |
|--------------------------|-------------------------|---------------|----------------|---------------|---------------------------------|---------------------------------|--------------------------|
|                          |                         | Width<br>(mm) | Length<br>(mm) | Depth<br>(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

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

### Applications

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



| Part Number | Filter Class<br>EN 1822 | Dimensions    |                |               | Media Area<br>(m <sup>2</sup> ) | Air Flow<br>(m <sup>3</sup> /h) | Pressure<br>Drop<br>(Pa) |
|-------------|-------------------------|---------------|----------------|---------------|---------------------------------|---------------------------------|--------------------------|
|             |                         | Width<br>(mm) | Length<br>(mm) | Depth<br>(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

| Part Number           | Filter Class<br>EN 1822 | Dimensions    |                |               | Media Area<br>(m <sup>2</sup> ) | Air Flow<br>(m <sup>3</sup> /h) | Pressure<br>Drop<br>(Pa) |
|-----------------------|-------------------------|---------------|----------------|---------------|---------------------------------|---------------------------------|--------------------------|
|                       |                         | Width<br>(mm) | Length<br>(mm) | Depth<br>(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

| Part Number           | Filter Class<br>EN 1822 | Dimensions    |                |               | Media Area<br>(m <sup>2</sup> ) | Air Flow<br>(m <sup>3</sup> /h) | Pressure<br>Drop<br>(Pa) |
|-----------------------|-------------------------|---------------|----------------|---------------|---------------------------------|---------------------------------|--------------------------|
|                       |                         | Width<br>(mm) | Length<br>(mm) | Depth<br>(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

EPA, HEPA & ULPA FILTERS ◀

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



### Applications

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

| Part Number | Filter Class<br>EN 1822 | Dimensions    |                |               | Media Area<br>(m <sup>2</sup> ) | Air Flow<br>(m <sup>3</sup> /h) | Pressure<br>Drop<br>(Pa) |
|-------------|-------------------------|---------------|----------------|---------------|---------------------------------|---------------------------------|--------------------------|
|             |                         | Width<br>(mm) | Length<br>(mm) | Depth<br>(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



| Part Number | Filter Class<br>EN 1822 | Dimensions    |                |               | Media Area<br>(m <sup>2</sup> ) | Air Flow<br>(m <sup>3</sup> /h) | Pressure<br>Drop<br>(Pa) |
|-------------|-------------------------|---------------|----------------|---------------|---------------------------------|---------------------------------|--------------------------|
|             |                         | Width<br>(mm) | Length<br>(mm) | Depth<br>(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

|                              |  |
|------------------------------|--|
| <b>Media</b>                 | Microglass Fiber                                 |
| <b>Frame</b>                 | Galvanized Steel, Aluminium, Stainless Steel     |
| <b>Final Pressure Drop</b>   | 600 Pa   |
| <b>Operating Temperature</b> | 80°C   |
| <b>Filter Efficiency****</b> | E10-H14  |
| <b>Gasket</b>                | Flat Neoprene or Half Round Endless Polyurethane |
| <b>Protection Grids</b>      | Optional   |
| <b>Separators</b>            | 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<br>EN 1822 | Dimensions    |                |               | Media Area<br>(m <sup>2</sup> ) | Air Flow<br>(m <sup>3</sup> /h) | Pressure Drop<br>(Pa) |
|----------------------|-------------------------|---------------|----------------|---------------|---------------------------------|---------------------------------|-----------------------|
|                      |                         | Width<br>(mm) | Length<br>(mm) | Depth<br>(mm) |                                 |                                 |                       |
| <b>▶ E10</b>         |                         |               |                |               |                                 |                                 |                       |
| 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                   |
| <b>▶ E11</b>         |                         |               |                |               |                                 |                                 |                       |
| 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                   |
| <b>▶ E12</b>         |                         |               |                |               |                                 |                                 |                       |
| 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

| Part Number | Filter Class<br>EN 1822 | Dimensions    |                |               | Media Area<br>(m <sup>2</sup> ) | Air Flow<br>(m <sup>3</sup> /h) | Pressure<br>Drop<br>(Pa) |
|-------------|-------------------------|---------------|----------------|---------------|---------------------------------|---------------------------------|--------------------------|
|             |                         | Width<br>(mm) | Length<br>(mm) | Depth<br>(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

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



### Applications

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

| Part Number          | Filter Class<br>EN 1822 | Dimensions    |                |               | Media Area<br>(m <sup>2</sup> ) | Air Flow<br>(m <sup>3</sup> /h) | Pressure<br>Drop<br>(Pa) |
|----------------------|-------------------------|---------------|----------------|---------------|---------------------------------|---------------------------------|--------------------------|
|                      |                         | Width<br>(mm) | Length<br>(mm) | Depth<br>(mm) |                                 |                                 |                          |
| <b>▶ E10</b>         |                         |               |                |               |                                 |                                 |                          |
| 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                      |
| <b>▶ E11</b>         |                         |               |                |               |                                 |                                 |                          |
| 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                      |
| <b>▶ E12</b>         |                         |               |                |               |                                 |                                 |                          |
| 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

| Part Number          | Filter Class<br>EN 1822 | Dimensions    |                |               | Media Area<br>(m <sup>2</sup> ) | Air Flow<br>(m <sup>3</sup> /h) | Pressure<br>Drop<br>(Pa) |
|----------------------|-------------------------|---------------|----------------|---------------|---------------------------------|---------------------------------|--------------------------|
|                      |                         | Width<br>(mm) | Length<br>(mm) | Depth<br>(mm) |                                 |                                 |                          |
| <b>► H13</b>         |                         |               |                |               |                                 |                                 |                          |
| 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                      |
| <b>► H14</b>         |                         |               |                |               |                                 |                                 |                          |
| 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

|                              |  |
|------------------------------|--|
| <b>Media</b>                 | Microglass Fiber                                 |
| <b>Frame</b>                 | Galvanized Steel, Aluminium, Stainless Steel     |
| <b>Final Pressure Drop</b>   | 600 Pa   |
| <b>Operating Temperature</b> | 80°C   |
| <b>Filter Efficiency****</b> | E10-H14  |
| <b>Gasket</b>                | Flat Neoprene or Half Round Endless Polyurethane |
| <b>Protection Grids</b>      | Optional   |
| <b>Separators</b>            | 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<br>EN 1822 | Dimensions    |                |               | Media Area<br>(m <sup>2</sup> ) | Air Flow<br>(m <sup>3</sup> /h) | Pressure Drop<br>(Pa) |
|-------------|-------------------------|---------------|----------------|---------------|---------------------------------|---------------------------------|-----------------------|
|             |                         | Width<br>(mm) | Length<br>(mm) | Depth<br>(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

| Part Number | Filter Class<br>EN 1822 | Dimensions    |                |               | Media Area<br>(m <sup>2</sup> ) | Air Flow<br>(m <sup>3</sup> /h) | Pressure<br>Drop<br>(Pa) |
|-------------|-------------------------|---------------|----------------|---------------|---------------------------------|---------------------------------|--------------------------|
|             |                         | Width<br>(mm) | Length<br>(mm) | Depth<br>(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

EPA, HEPA & ULPA FILTERS ◀

|                              |   |
|------------------------------|---|
| <b>Media</b>                 | Microglass Fiber                                    |
| <b>Frame</b>                 | Plastic (PS)  |
| <b>Final Pressure Drop</b>   | 600 Pa  |
| <b>Operating Temperature</b> | 80°C  |
| <b>Filter Efficiency****</b> | E10-H13   |
| <b>Gasket</b>                | Flat Neoprene or Half Round<br>Endless Polyurethane |
| <b>Protection Grids</b>      | Optional  |
| <b>Separators</b>            | 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<br>EN 1822 | Dimensions    |                |               | Media Area<br>(m <sup>2</sup> ) | Air Flow<br>(m <sup>3</sup> /h) | Pressure<br>Drop<br>(Pa) |
|--------------|-------------------------|---------------|----------------|---------------|---------------------------------|---------------------------------|--------------------------|
|              |                         | Width<br>(mm) | Length<br>(mm) | Depth<br>(mm) |                                 |                                 |                          |
| <b>▶ E10</b> |                         |               |                |               |                                 |                                 |                          |
| 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                      |
| <b>▶ E11</b> |                         |               |                |               |                                 |                                 |                          |
| 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                      |
| <b>▶ E12</b> |                         |               |                |               |                                 |                                 |                          |
| MV-H12-01    | E12                     | 292           | 592            | 292           | 8.5                             | 1250                            | 240                      |
| MV-H12-02    | E12                     | 492           | 592            | 292           | 15.0                            | 2100                            | 240                      |
| MV-H12-03    | E12                     | 592           | 592            | 292           | 18.0                            | 2500                            | 240                      |
| <b>▶ H13</b> |                         |               |                |               |                                 |                                 |                          |
| 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

EPA, HEPA & ULPA FILTERS ◀

|                              |   |
|------------------------------|---|
| <b>Media</b>                 | Microglass Fiber                                    |
| <b>Frame</b>                 | Plastic (PS)  |
| <b>Final Pressure Drop</b>   | 600 Pa  |
| <b>Operating Temperature</b> | 80°C  |
| <b>Filter Efficiency****</b> | E10-H14   |
| <b>Gasket</b>                | Flat Neoprene or Half Round<br>Endless Polyurethane |
| <b>Protection Grids</b>      | Optional  |
| <b>Separators</b>            | 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<br>EN 1822 | Dimensions    |                |               | Media Area<br>(m <sup>2</sup> ) | Air Flow<br>(m <sup>3</sup> /h) | Pressure<br>Drop<br>(Pa) |
|-----------------------|-------------------------|---------------|----------------|---------------|---------------------------------|---------------------------------|--------------------------|
|                       |                         | Width<br>(mm) | Length<br>(mm) | Depth<br>(mm) |                                 |                                 |                          |
| <b>▶ E10</b>          |                         |               |                |               |                                 |                                 |                          |
| 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                      |
| <b>▶ E11</b>          |                         |               |                |               |                                 |                                 |                          |
| 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                      |
| <b>▶ E12</b>          |                         |               |                |               |                                 |                                 |                          |
| 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                      |
| <b>▶ H13</b>          |                         |               |                |               |                                 |                                 |                          |
| 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                      |
| <b>▶ H14</b>          |                         |               |                |               |                                 |                                 |                          |
| 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

EPA, HEPA & ULPA FILTERS ◀

|                              |   |
|------------------------------|---|
| <b>Media</b>                 | Microglass Fiber                                    |
| <b>Frame</b>                 | Plastic (PS)  |
| <b>Final Pressure Drop</b>   | 600 Pa  |
| <b>Operating Temperature</b> | 80°C  |
| <b>Filter Efficiency****</b> | E10-H14   |
| <b>Gasket</b>                | Flat Neoprene or Half Round<br>Endless Polyurethane |
| <b>Protection Grids</b>      | Optional  |
| <b>Separators</b>            | 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<br>EN 1822 | Dimensions    |                |               | Media Area<br>(m <sup>2</sup> ) | Air Flow<br>(m <sup>3</sup> /h) | Pressure<br>Drop<br>(Pa) |
|--|-------------------------|---------------|----------------|---------------|---------------------------------|---------------------------------|--------------------------|
|  |                         | Width<br>(mm) | Length<br>(mm) | Depth<br>(mm) |                                 |                                 |                          |
| <b>▶ E10</b>                           |                         |               |                |               |                                 |                                 |                          |
| MVH-305/610/292-10PKD-20m <sup>2</sup> | E10                     | 305           | 610            | 292           | 20.0                            | 2750                            | 250                      |
| MVH-457/610/292-10PKD-30m <sup>2</sup> | E10                     | 457           | 610            | 292           | 30.0                            | 4120                            | 250                      |
| MVH-610/610/292-10PKD-40m <sup>2</sup> | E10                     | 610           | 610            | 292           | 40.0                            | 5500                            | 250                      |
| <b>▶ E11</b>                           |                         |               |                |               |                                 |                                 |                          |
| MVH-305/610/292-11PKD-20m <sup>2</sup> | E11                     | 305           | 610            | 292           | 20.0                            | 2500                            | 250                      |
| MVH-457/610/292-11PKD-30m <sup>2</sup> | E11                     | 457           | 610            | 292           | 30.0                            | 3750                            | 250                      |
| MVH-610/610/292-11PKD-40m <sup>2</sup> | E11                     | 610           | 610            | 292           | 40.0                            | 5000                            | 250                      |
| <b>▶ E12</b>                           |                         |               |                |               |                                 |                                 |                          |
| MVH-305/610/292-12PKD-20m <sup>2</sup> | E12                     | 305           | 610            | 292           | 20.0                            | 2000                            | 250                      |
| MVH-457/610/292-12PKD-30m <sup>2</sup> | E12                     | 457           | 610            | 292           | 30.0                            | 3000                            | 250                      |
| MVH-610/610/292-12PKD-40m <sup>2</sup> | E12                     | 610           | 610            | 292           | 40.0                            | 4000                            | 250                      |
| <b>▶ H13</b>                           |                         |               |                |               |                                 |                                 |                          |
| MVH-305/610/292-13PKD-20m <sup>2</sup> | H13                     | 305           | 610            | 292           | 20.0                            | 2000                            | 280                      |
| MVH-457/610/292-13PKD-30m <sup>2</sup> | H13                     | 457           | 610            | 292           | 30.0                            | 3000                            | 280                      |
| MVH-610/610/292-13PKD-40m <sup>2</sup> | H13                     | 610           | 610            | 292           | 40.0                            | 4000                            | 280                      |
| <b>▶ H14</b>                           |                         |               |                |               |                                 |                                 |                          |
| MVH-305/610/292-14PKD-20m <sup>2</sup> | H14                     | 305           | 610            | 292           | 20.0                            | 1600                            | 280                      |
| MVH-457/610/292-14PKD-30m <sup>2</sup> | H14                     | 457           | 610            | 292           | 30.0                            | 2400                            | 280                      |
| MVH-610/610/292-14PKD-40m <sup>2</sup> | H14                     | 610           | 610            | 292           | 40.0                            | 3200                            | 280                      |

\*\*\*\* According to EN 1822

## ▶ MVH SERIES METAL FRAME 292 mm

EPA, HEPA & ULPA FILTERS ◀

|                              |  |
|------------------------------|--|
| <b>Media</b>                 | Microglass Fiber                                 |
| <b>Frame</b>                 | Galvanized Steel, Aluminium, Stainless Steel     |
| <b>Final Pressure Drop</b>   | 600 Pa   |
| <b>Operating Temperature</b> | 80°C   |
| <b>Filter Efficiency****</b> | E10-H14  |
| <b>Gasket</b>                | Flat Neoprene or Half Round Endless Polyurethane |
| <b>Protection Grids</b>      | Optional   |
| <b>Separators</b>            | 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 <sup>2</sup> ) | Air Flow (m <sup>3</sup> /h) | Pressure Drop (Pa) |
|----------------------|----------------------|------------|-------------|------------|------------------------------|------------------------------|--------------------|
|                      |                      | Width (mm) | Length (mm) | Depth (mm) |                              |                              |                    |
| <b>▶ E10</b>         |                      |            |             |            |                              |                              |                    |
| 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                |
| <b>▶ E11</b>         |                      |            |             |            |                              |                              |                    |
| 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                |
| <b>▶ E12</b>         |                      |            |             |            |                              |                              |                    |
| 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                |
| <b>▶ H13</b>         |                      |            |             |            |                              |                              |                    |
| 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                |
| <b>▶ H14</b>         |                      |            |             |            |                              |                              |                    |
| 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

EPA, HEPA & ULPA FILTERS ◀

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

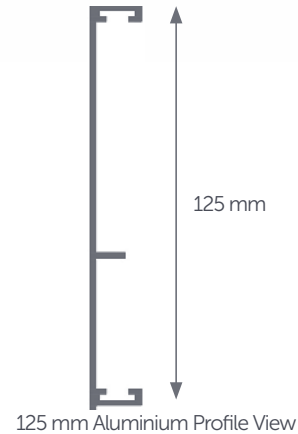
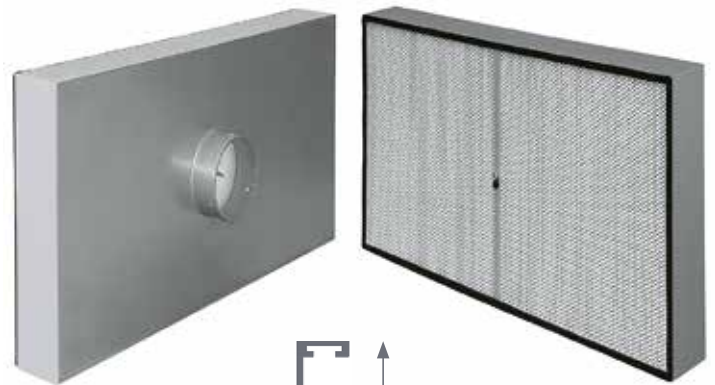
| Part Number                           | Filter Class EN 1822 | Dimensions |             |            | Media Area (m <sup>2</sup> ) | Air Flow (m <sup>3</sup> /h) | Pressure Drop (Pa) |
|---------------------------------------|----------------------|------------|-------------|------------|------------------------------|------------------------------|----------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

\*\*\*\* According to EN 1822

# ▶ MHH SERIES MICRO HOOD FILTER 125 mm

EPA, HEPA & ULPA FILTERS ◀

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



### Applications

- Cleanroom applications
- Laminar flow cabins

### Advantages

- Adjustable air flow

| Part Number | Filter Class<br>EN 1822 | Dimensions    |                |               | Collar Dia.<br>(mm) | Media<br>Area<br>(m <sup>2</sup> ) | Air Flow<br>(m <sup>3</sup> /h) | Pressure<br>Drop<br>(Pa) |
|-------------|-------------------------|---------------|----------------|---------------|---------------------|------------------------------------|---------------------------------|--------------------------|
|             |                         | Width<br>(mm) | Length<br>(mm) | Depth<br>(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

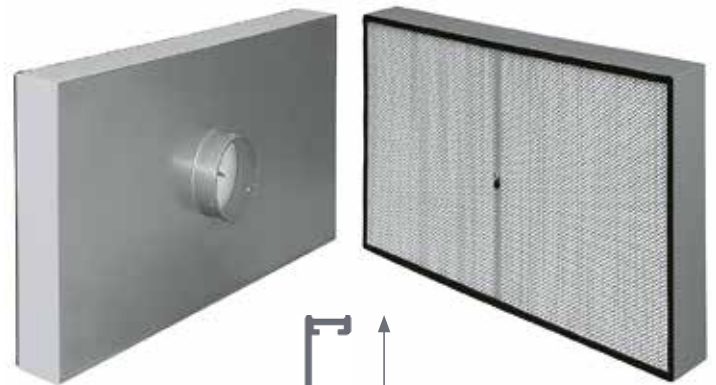
|                               |     |     |      |     |     |      |      |     |
|-------------------------------|-----|-----|------|-----|-----|------|------|-----|
| MHH-610/610/125-B200-15APD1G  | U15 | 610 | 610  | 125 | 200 | 10.4 | 600  | 155 |
| MHH-610/915/125-B200-15APD1G  | U15 | 610 | 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

EPA, HEPA & ULPA FILTERS ◀

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



150 mm Aluminium Profile View

### Applications

- Cleanroom applications
- Laminar flow cabins

### Advantages

- Adjustable air flow

| Part Number | Filter Class<br>EN 1822 | Dimensions    |                |               | Collar Dia.<br>(mm) | Media<br>Area<br>(m <sup>2</sup> ) | Air Flow<br>(m <sup>3</sup> /h) | Pressure<br>Drop<br>(Pa) |
|-------------|-------------------------|---------------|----------------|---------------|---------------------|------------------------------------|---------------------------------|--------------------------|
|             |                         | Width<br>(mm) | Length<br>(mm) | Depth<br>(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 | <b>160</b> |
| H-BOX LTC SERIES | <b>161</b> |
| H-BOX SSC SERIES | <b>162</b> |
| H-BOX LSC SERIES | <b>163</b> |



The background is an abstract composition of black and grey geometric shapes and lines. A prominent feature is a series of parallel lines that converge towards the right side of the frame, creating a sense of depth and perspective. These lines are set against a background of various shades of grey, some of which are solid and others that are semi-transparent, allowing the underlying shapes to be visible. The overall effect is a dynamic and modern visual design.

HEPA HOUSING

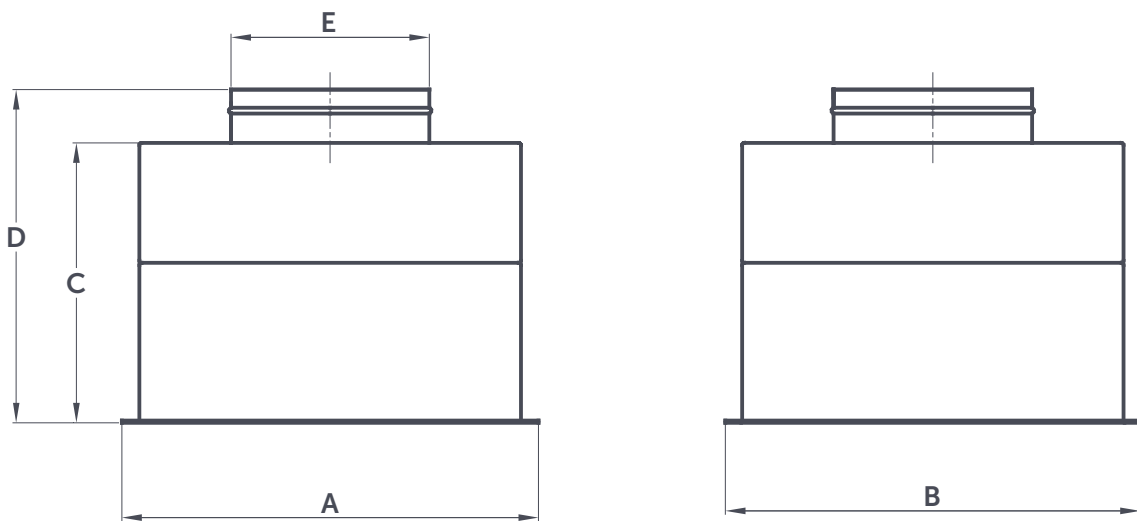
**Applications**

- 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 |



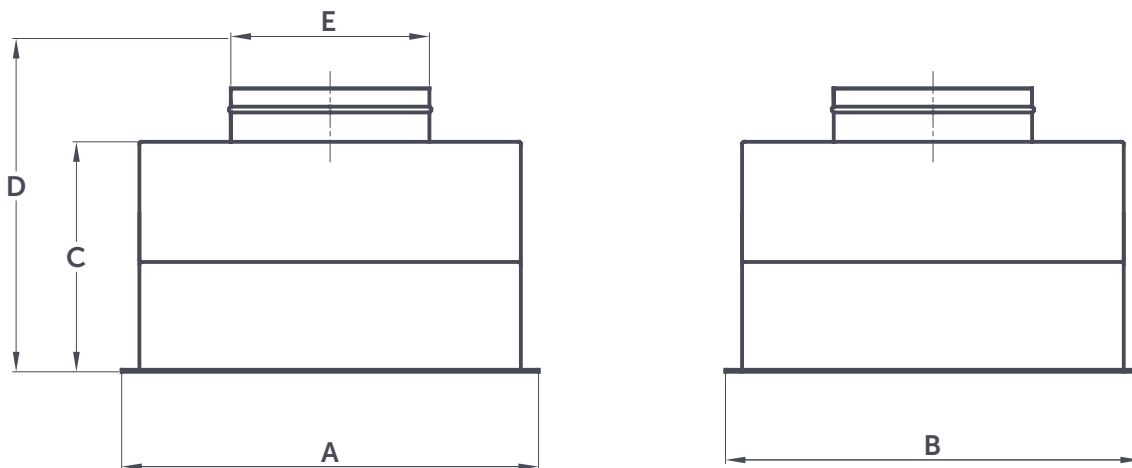
**Applications**

- 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



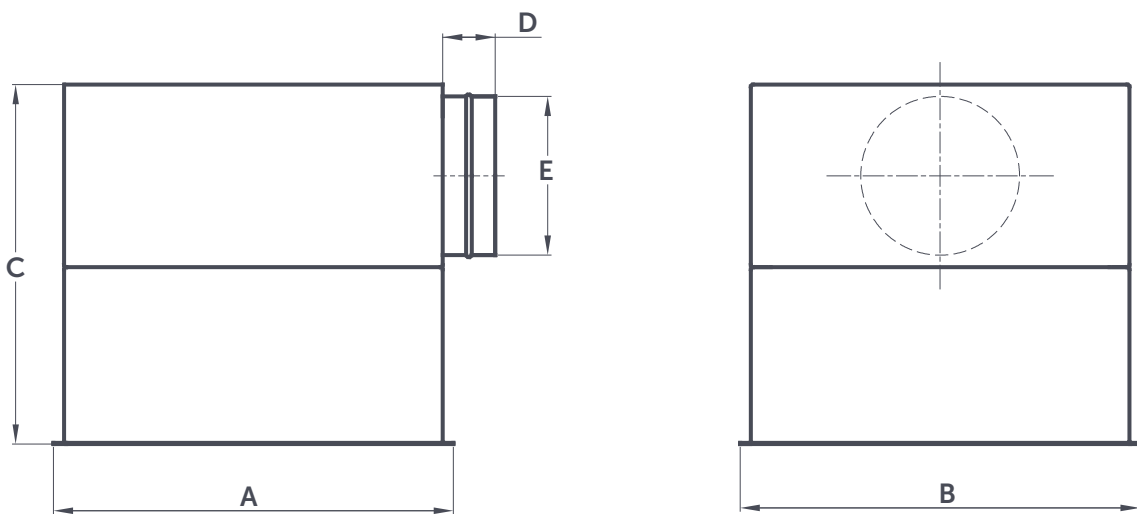
| Code                         | Dimensions of Filter |             |            | Collar Ø (mm) | Dimensions of HBOX (mm) |     |     |     |     |
|------------------------------|----------------------|-------------|------------|---------------|-------------------------|-----|-----|-----|-----|
|                              | 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 |





- 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 |



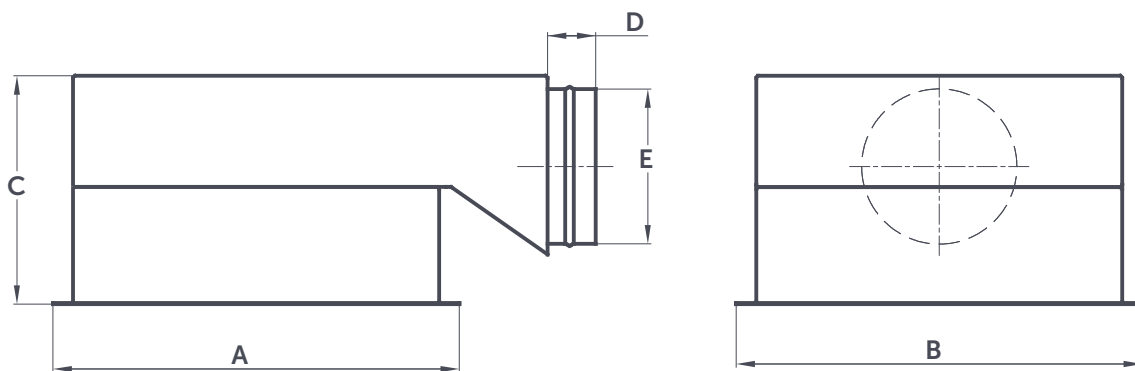
**Applications**

- 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

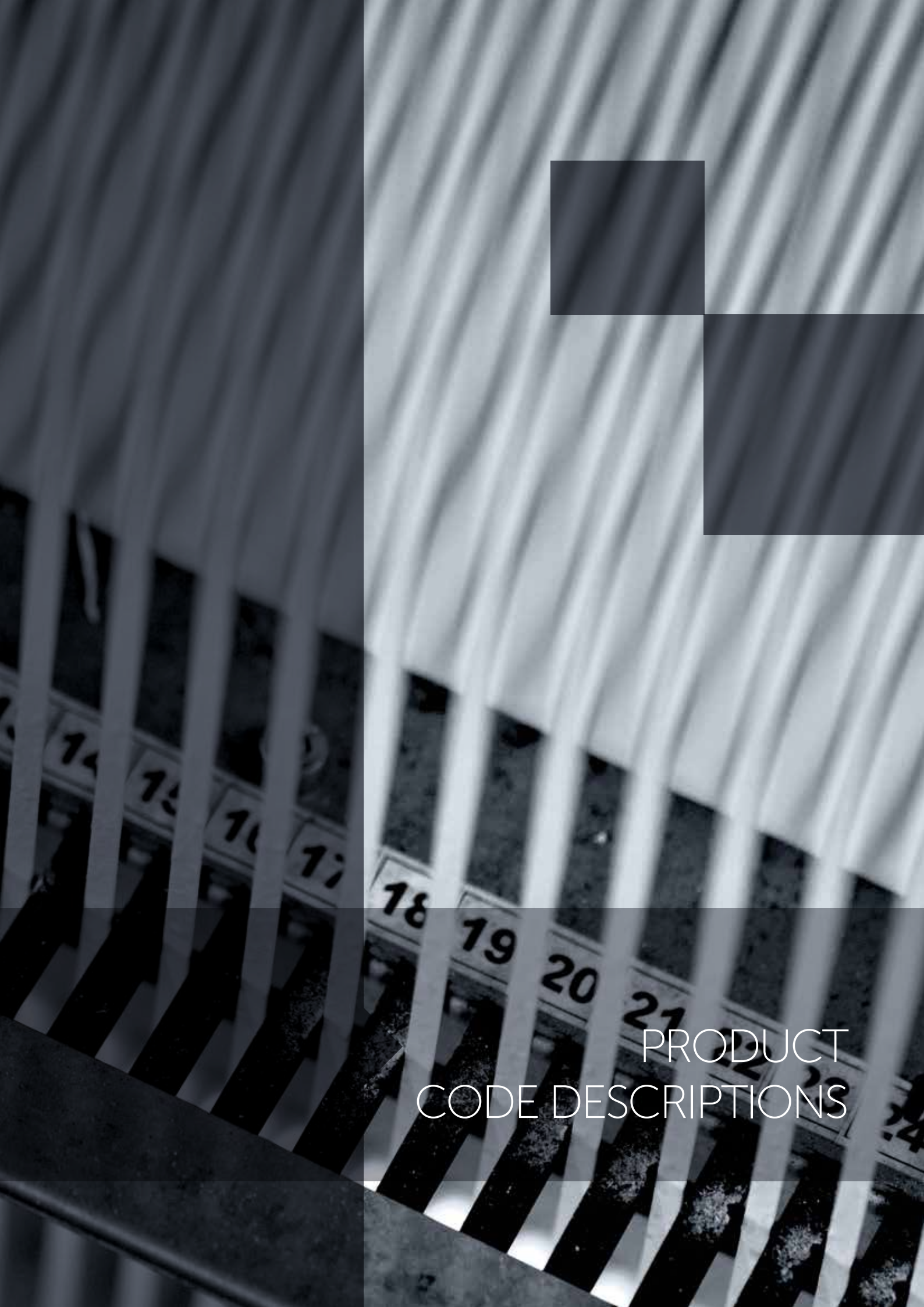
| Code                         | Dimensions of Filter |             |            | Collar Ø (mm) | Dimensions of HBOX (mm) |     |     |    |     |
|------------------------------|----------------------|-------------|------------|---------------|-------------------------|-----|-----|----|-----|
|                              | 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

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| MPM SERIES       | 166 |
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PRODUCT  
CODE DESCRIPTIONS

## ▶ MPM SERIES

## PRODUCT CODE DESCRIPTIONS ◀

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

**Note:** All dimensions are in mm

\* Customized

## ▶ MPP SERIES

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

**Note:** All dimensions are in mm

\* Customized

| Media Area | Description |
|------------|-------------|
| SP         | Standard    |

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

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

## ▶ MGP SERIES

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

**Note:** All dimensions are in mm

| Media Area | Description |
|------------|-------------|
| S          | Standard    |
| *          | Customized  |

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

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

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



| 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 |

| 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      |

| 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  $150 \leq \text{Depth} \leq 915$  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  $150 \leq \text{Depth} \leq 620$  mm

\* Customized

| 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 $\geq$ 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    | Handle | Description         |
|------|-------------|--------|---------------------|
| NG   | No grid     | NT     | No handle           |
| 1G   | Down stream | T      | Handle on one side  |
| 2G   | Both side   | 2T     | Handle on both side |

# MPHT SERIES

| Type | Width (mm) | Length (mm) | Depth (mm) | Efficiency | Frame | Gasket | Grid | Handle |
|------|------------|-------------|------------|------------|-------|--------|------|--------|
| 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   |

| 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   |

| 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    | Handle | Description         |
|------|-------------|--------|---------------------|
| NG   | No grid     | NT     | No handle           |
| 1G   | Down stream | T      | Handle on one side  |
| 2G   | Both side   | 2T     | Handle on both side |

| Depth | Description             |
|-------|-------------------------|
| *     | Customized 150 - 292 mm |

| Type of V Cell | Efficiency | Frame Code | Frame    | Media Area | Gasket   | Grid      | Fully Potted | Header     | Frame Color |
|----------------|------------|------------|----------|------------|----------|-----------|--------------|------------|-------------|
| <b>MV</b>      | <b>F7</b>  | <b>03</b>  | <b>A</b> | <b>S</b>   | <b>D</b> | <b>PG</b> | <b>Y</b>     | <b>H25</b> | <b>03</b>   |
| 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       |

| 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 Length (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   |



| 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 $\geq$ 295 Height $\geq$ 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 |

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

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

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

| Media Area | Description |
|------------|-------------|
| S          | Standard    |
| *          | Customized  |

| Color | Description            |
|-------|------------------------|
| 00    | Galvanized or SS frame |
| 02    | Black                  |

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

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

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





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