



mikropor

Manufacturing Forward

AIR FILTRATION

PRODUCT CATALOG



mikropor

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BREATHE A SIGH OF RELIEF WITH MIKROPOR

Viruses and air pollution pose great risks for our future and can lead to chronic and acute respiratory tract diseases including stroke, cardiac disease, lung cancer and asthma. However, these risks can be minimized through the reduction of harmful airborne particulate and pollution levels.

The World Health Organization's (WHO) data suggests that 4 million premature deaths are estimated to occur due to air pollution on a global scale. This will ensue from exposure to 2.5 micron and smaller particles*. Covid-19's global effects have shown that airborne viruses can move swiftly in HVAC systems. Meanwhile, Mikropor forestalls these threats through its products manufactured in accordance with the new global ISO 16890 Standard. To address these concerns and more, Mikropor specializes in high efficiency filtration.

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

* 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 treatment systems for a variety of industries.

By closely following the latest developments in technology, Mikropor’s “Best in Class” products and solutions are appreciated by customers in more than 140 countries. The company’s sustainable growth has been provided by its passion for innovation and commitment to quality, as well as its dedication to technology. Mikropor is an environmentally conscious company that values people, while developing products that extend the needs and expectations of customers and thus contributes to Turkey’s recognition in the international industrial manufacturing sector.

With this mission, Mikropor continues to become one of the most recognized brands in the world by expanding its global penetration in the field of technological filtration and contributes to a healthier planet.

Mikropor America is strategically located in Northwest, IN. The 26 acre campus features a 185,000 square foot distribution center, along with several onsite storage and maintenance facilities. The hands-on training center supports both HVAC Filtration and Compressed Air Treatment Division.

▶ **OUR COMPANY** GENERAL APPLICATIONS

MIKROPOR SOLUTIONS IN HVAC APPLICATIONS

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

- 1- HVAC
- 2- Food & Beverage Industry
- 3- Pharmaceutical Industry
- 4- Automotive Industry
- 5- Power Generation Industry

HVAC SYSTEMS

Heating, Ventilation, and Air Conditioning (HVAC); 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.



FOOD AND BEVERAGE INDUSTRY

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.





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.

AUTOMOTIVE INDUSTRY

Mikropor offers a complete range of air filters suitable for a modern-day surface treatment. These systems require either a constant fresh and particle free air or recirculated air without VOC. Mikropor currently supplies Best in Class filtration products for particulate and High Temperature applications to numerous global automotive manufacturers.



MIKROPOR SOLUTIONS IN HVAC APPLICATIONS

POWER GENERATION INDUSTRY

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.





► **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.



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.

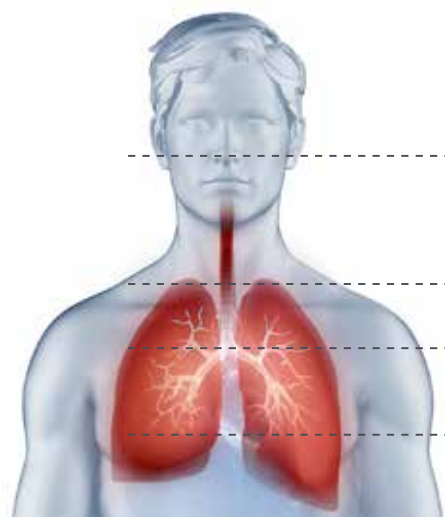
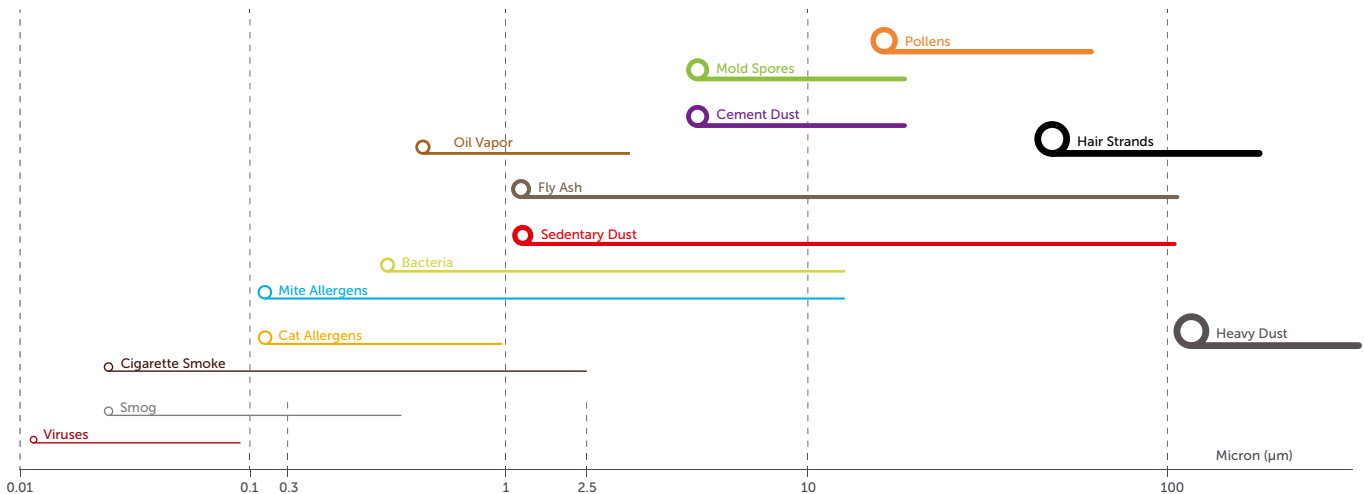
For instance, if a filter can capture more than 50% of PM1* particles, it is classified as a ISO ePM1 filter.

*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 arrangement
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

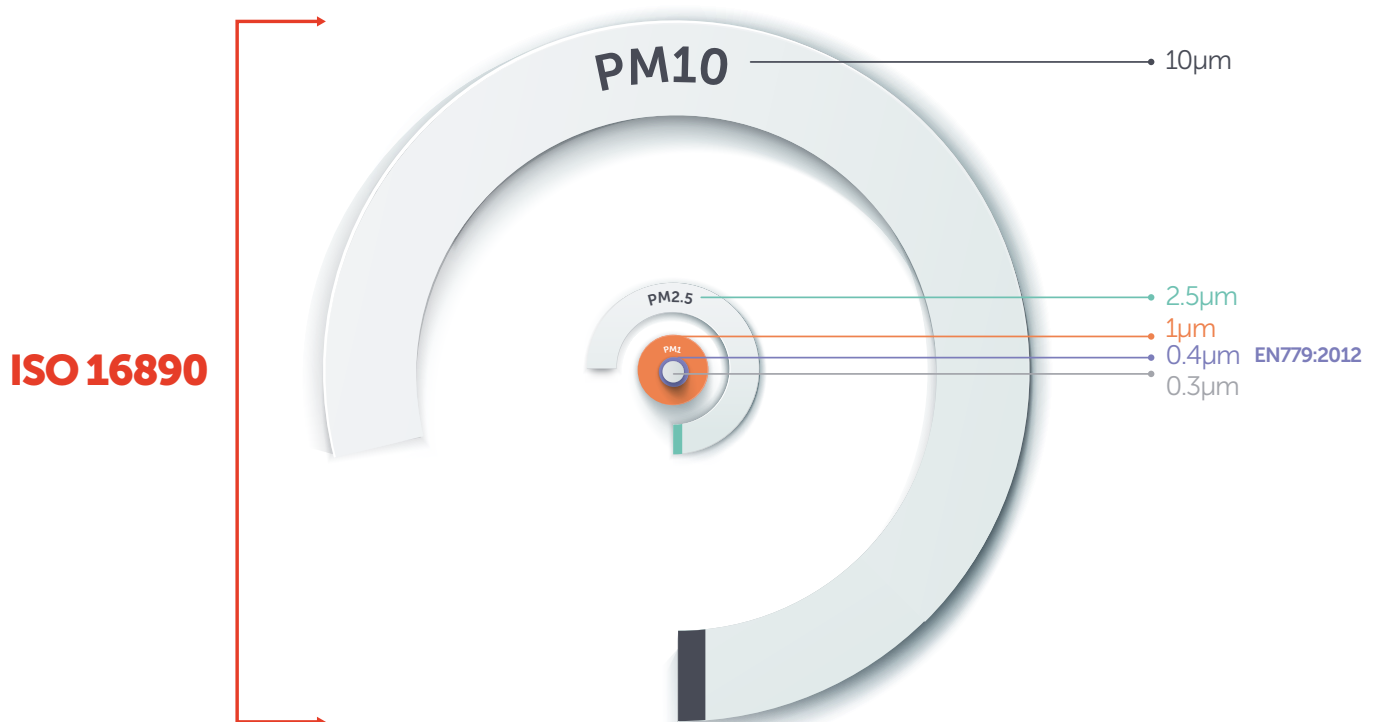


Respirable Particle Size

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



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
EN 1822				
E10	85	-	15	-
E11	95	-	5	-
E12	99.50	-	0.5	-
H13	99.95	99.75	0.05	0.25
H14	99.995	99.975	0.005	0.025
U15	99.9995	99.9975	0.0005	0.0025
U16	99.99995	99.99975	0.00005	0.00025
U17	99.999995	99.9999	0.000005	0.0001

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



CLEANROOMS

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

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



PERFORMANCE STANDARD

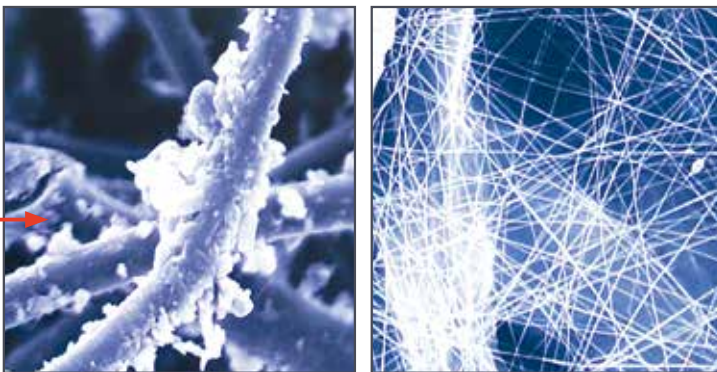
ASHRAE 52.2 is the accepted standard accredited by the American National Standards Institute (ANSI) used to report values of minimum removal efficiency by particle size (0.30 to 10µm).

ASHRA Standard 52.2-2-2012				EN	EN779-2012			EN1822:2009
Minimum Efficiency Reporting Value	Composite Average Particle Size Efficiency % in Size Range µm			Filter Class	Avg. Arrestance of Syn Dust	Avg. Eff. at 0.4 µm	Min. Eff. at 0.4 µm	Efficiency at MPPS
	Range E1	Range E2	Range E3					
MERV	0.3 - 1.0	1.0 - 3.0	3.0 - 10.0		%	%	%	%
1	n/a	n/a	E3 < 20%	G1	50%A ≤ 65			
2	n/a	n/a	E3 < 20%	G2	65%A ≤ 80			
3	n/a	n/a	E3 < 20%					
4	n/a	n/a	E3 < 20%					
5	n/a	n/a	20% ≤ E3	G3	80%A ≤ 90			
6	n/a	n/a	35% ≤ E3					
7	n/a	n/a	50% ≤ E3	G4	65%A ≤ 80			
8	n/a	20% ≤ E2	70% ≤ E3					
9	n/a	35% ≤ E2	75% ≤ E3	M5		40%A ≤ Em60		
10	n/a	50% ≤ E2	80% ≤ E3					
11	20% ≤ E1	65% ≤ E2	85% ≤ E3	M6		60%A ≤ Em80		
12	35% ≤ E1	80% ≤ E2	90% ≤ E3					
13	50% ≤ E1	85% ≤ E2	90% ≤ E3	F7		80% ≤ Em90	35	
14	75% ≤ E1	90% ≤ E2	95% ≤ E3	F8		90% ≤ Em95	55	
15	85% ≤ E1	90% ≤ E2	95% ≤ E3	F9		95% ≤ Em3	70	
16	95% ≤ E1	95% ≤ E2	95% ≤ E3	E10				<85
N / A	N / A	N / A	N / A	E11				<95
				E12				<99.5
				H13				<99.95
				H14				<99.995
				U15				<99.999
				U16				<99.99995
				U17				<99.999995

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.

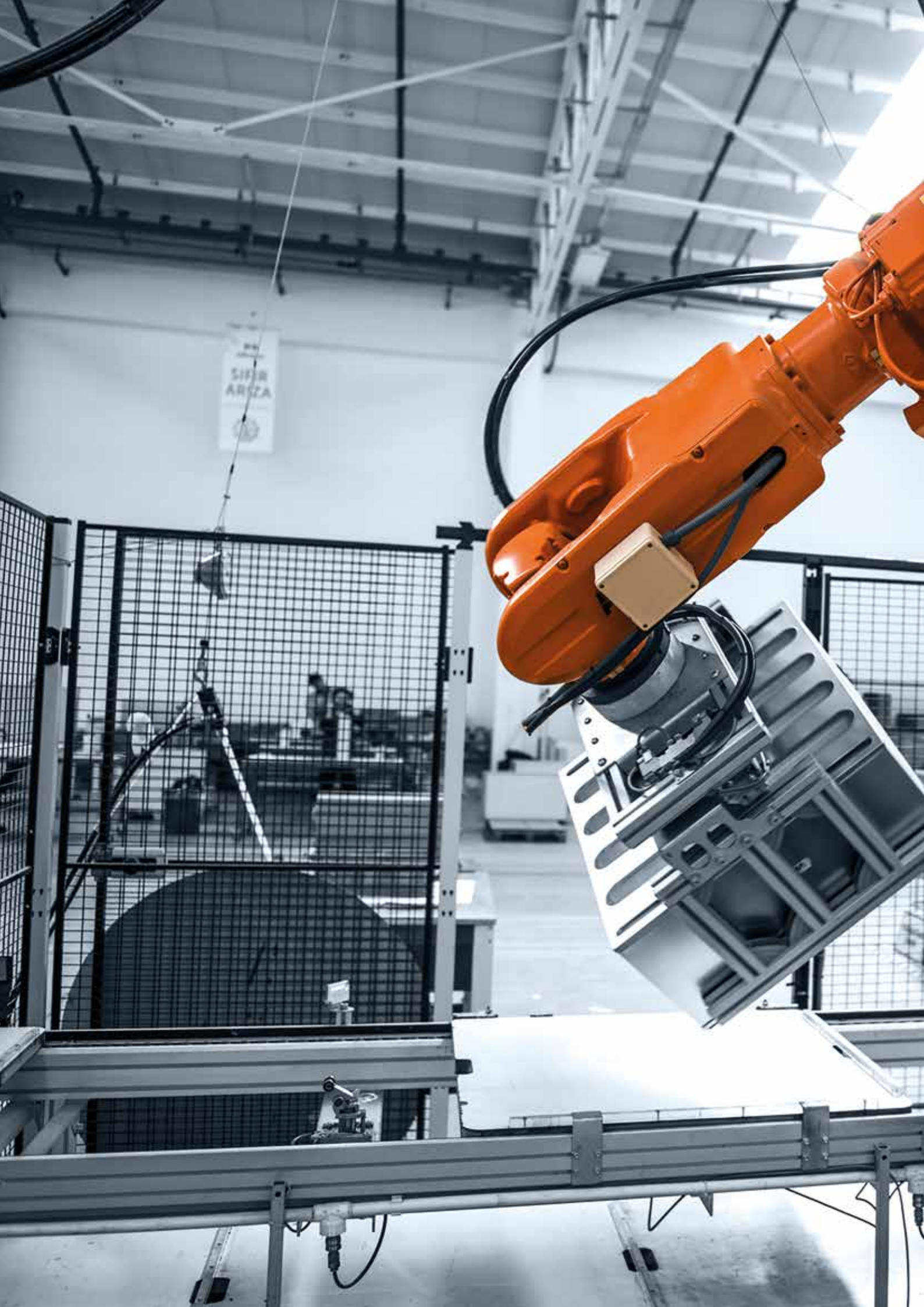


3D / Printing System



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









02

COARSE FILTERS

MFM-ROLLS-PF	26
MGP SERIES	27
MSKPN SERIES 2"-4"-6" DEEP FRAME	28
MSKPN-HP SERIES 2"-4"-6" DEEP FRAME	29
MSKP MESH SERIES	30
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A close-up, high-angle photograph of a coarse filter. The filter consists of multiple layers of pleated material, creating a series of parallel ridges and valleys. The lighting is dramatic, highlighting the texture and depth of the pleats. The overall color palette is monochromatic, ranging from dark greys to light greys. The text 'COARSE FILTERS' is overlaid in the lower right quadrant in a white, sans-serif font.

COARSE FILTERS

▶ MFM-ROLLS-PF

COARSE FILTERS ◀

Media Synthetic
Final Pressure Drop 1.0" w. g.
Operating Temperature 176°F
Filter Efficiency MERV 8

Applications

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

Advantages

- Customized dimensions
- Depth loading
- High dust holding capacity



Part Number	ASHRAE 52.2	Nominal Size			Media Area (sq.ft)	Air Flow (ft ³ /m.ft ²)	Pressure Drop (inches w. g.)
		Width (inch)	Length (foot)	Thickness (inch)			
MFM-270-24"x 65'	MERV 8	24	65	0.78	130	2000	0.10
MFM-270-36"x 65'	MERV 8	36	65	0.78	195	2000	0.10
MFM-270-48"x 65'	MERV 8	48	65	0.78	260	2000	0.10
MFM-270-60"x 65'	MERV 8	60	65	0.78	325	2000	0.10

▶ MGP SERIES

COARSE FILTERS ◀

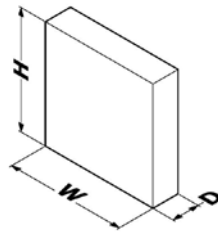
Media Self Supporting Polyester
Frame Beverage Board Profile
Final Pressure Drop 1.0" w. g.
Operating Temperature 176°F

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	ASHRAE 52.2	Nominal Size			Actual Size			Media Area (sq.ft)	Air Flow (cfm)	Pressure Drop (inches w. g.)
		Height (inch)	Width (inch)	Depth (inch)	Height (inch)	Width (inch)	Depth (inch)			
MGP-292/595/45-4KNNG-S	MERV 8	12	24	2	11.30	23.30	1.88	7.50	1000	0.24
MGP-492/595/45-4KNNG-S	MERV 8	20	24	2	19.37	23.30	1.88	10.75	1450	0.24
MGP-595/595/45-4KNNG-S	MERV 8	24	24	2	23.30	23.30	1.88	14.00	2000	0.24
MGP-292/595/95-4KNNG-S	MERV 8	12	24	4	11.30	23.30	3.78	11.85	1265	0.28
MGP-492/595/95-4KNNG-S	MERV 8	20	24	4	19.37	23.30	3.78	20.45	2000	0.28
MGP-595/595/95-4KNNG-S	MERV 8	24	24	4	23.30	23.30	3.78	23.70	2500	0.28

MSKPN SERIES 2" - 4" - 6" DEEP FRAME

COARSE FILTERS

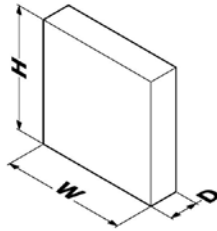
Media	Synthetic
Frame	ABS
Final Pressure Drop	1.0" w. g.
Operating Temperature	176°F
Sealant	Polyurethane
Separators	Thermoplastic Adhesive
Gasket	Optional

Applications

- Primary filtration

Advantages

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



Part Number	ASHRAE 52.2	Nominal Size			Actual Size			Media Area (sq.ft)	Air Flow (cfm)	Pressure Drop (inches w. g.)
		Height (inch)	Width (inch)	Depth (inch)	Height (inch)	Width (inch)	Depth (inch)			
MSKPN-287/592/48-4PKNNG	MERV 8	12	24	2	11.30	23.30	1.88	7.00	1000	0.35
MSKPN-492/592/48-4PKNNG	MERV 8	20	24	2	19.37	23.30	1.88	11.20	1660	0.35
MSKPN-592/592/48-4PKNNG	MERV 8	24	24	2	23.30	23.30	1.88	14.00	2000	0.35
MSKPN-287/592/96-4PKNNG	MERV 8	12	24	4	11.30	23.30	3.78	12.00	1000	0.26
MSKPN-492/592/96-4PKNNG	MERV 8	20	24	4	19.37	23.30	3.78	20.80	1660	0.26
MSKPN-592/592/96-4PKNNG	MERV 8	24	24	4	23.30	23.30	3.78	24.00	2000	0.26
MSKPN-287/592/150-4PKNNG	MERV 8	12	24	6	11.30	23.30	5.90	20.00	1000	0.20
MSKPN-492/592/150-4PKNNG	MERV 8	20	24	6	19.37	23.30	5.90	33.00	1660	0.20
MSKPN-592/592/150-4PKNNG	MERV 8	24	24	6	23.30	23.30	5.90	40.00	2000	0.20

MSKPN-HP SERIES 2" - 4" - 6" DEEP FRAME

COARSE FILTERS

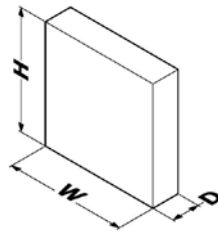
Media	Synthetic with Water Repellant Treatment
Frame	Plastic (ABS), Galvanized Steel, Stainless Steel
Final Pressure Drop	1.8" w. g.
Operating Temperature	176°F
Sealant	Polyurethane
Separators	Plastic (PA)
Gasket	Optional

Applications

- Gas turbine primary filtration and industrial processes

Advantages

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



Part Number	ASHRAE 52.2	Nominal Size			Actual Size			Media Area (sq.ft)	Air Flow (cfm)	Pressure Drop (inches w. g.)
		Height (inch)	Width (inch)	Depth (inch)	Height (inch)	Width (inch)	Depth (inch)			
MSKPN-287/592/48-4PKNNG-HP-TR	MERV 8	12	24	2	11.30	23.30	1.88	7.00	1000	0.35
MSKPN-492/592/48-4PKNNG-HP-TR	MERV 8	20	24	2	19.37	23.30	1.88	11.20	1660	0.35
MSKPN-592/592/48-4PKNNG-HP-TR	MERV 8	24	24	2	23.30	23.30	1.88	14.00	2000	0.35
MSKPN-287/592/96-4PKNNG-HP-TR	MERV 8	12	24	4	11.30	23.30	3.78	12.00	1000	0.26
MSKPN-492/592/96-4PKNNG-HP-TR	MERV 8	20	24	4	19.37	23.30	3.78	20.80	1660	0.26
MSKPN-592/592/96-4PKNNG-HP-TR	MERV 8	24	24	4	23.30	23.30	3.78	24.00	2000	0.26
MSKPN-287/592/150-4PKNNG-HP-TR	MERV 8	12	24	6	11.30	23.30	5.90	20.00	1000	0.20
MSKPN-492/592/150-4PKNNG-HP-TR	MERV 8	20	24	6	19.37	23.30	5.90	33.00	1660	0.20
MSKPN-592/592/150-4PKNNG-HP-TR	MERV 8	24	24	6	23.30	23.30	5.90	40.00	2000	0.20

MSKP MESH SERIES

COARSE FILTERS

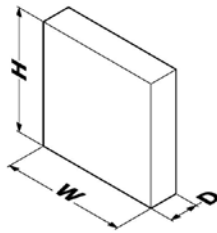
Media	Aluminium Knitted Wire Mesh, Stainless Steel Knitted Wire Mesh
Frame	Aluminium, Galvanized Steel, Stainless Steel
Final Pressure Drop	1.0" w. g.
Operating Temperature	392°F

Applications

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

Advantages

- Rigid filter
- Low initial pressure drop
- Washable



Part Number	ASHRAE 52.2	Nominal Size			Actual Size			Air Flow (cfm)	Pressure Drop (inches w. g.)
		Height (inch)	Width (inch)	Depth (inch)	Height (inch)	Width (inch)	Depth (inch)		
MSKP-287/592/48-A-ALMESH	MERV 1	12	24	2	11.30	23.30	1.88	1250	0.24
MSKP-492/592/48-A-ALMESH	MERV 1	20	24	2	19.37	23.30	1.88	2000	0.24
MSKP-592/592/48-A-ALMESH	MERV 1	24	24	2	23.30	23.30	1.88	2500	0.24

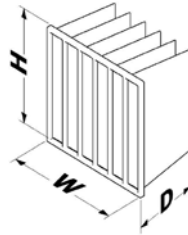
Media Synthetic
Frame Molded Plastic Frame
Final Pressure Drop 1.5" w. g.
Operating Temperature 176°F
Header Thickness 0.90"

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



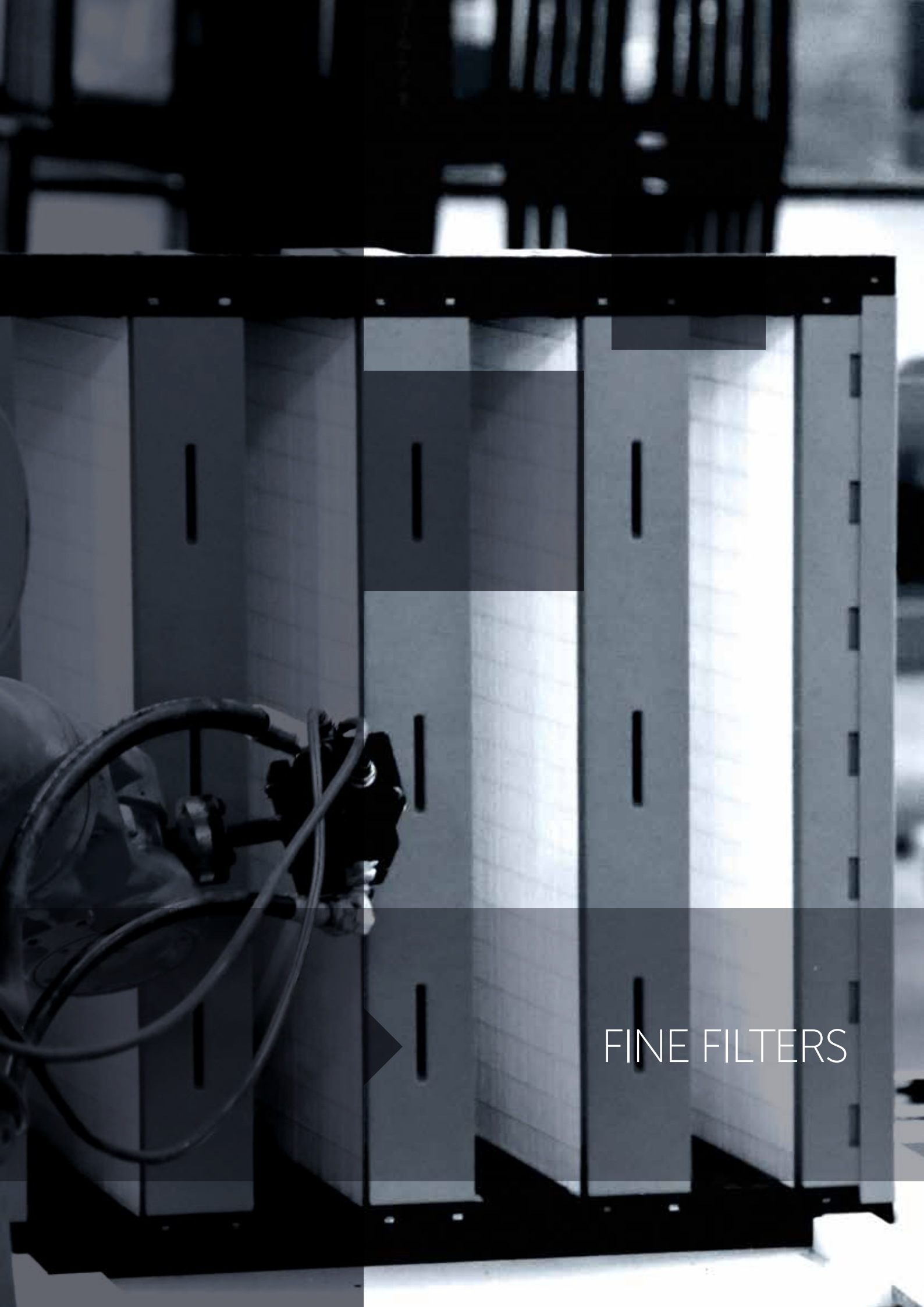
Part Number	ASHRAE 52.2	Nominal Size			Actual Size			Media Area (sq.ft)	Air Flow (cfm)	Pressure Drop (inches w. g.)	Number of Pockets
		Height (inch)	Width (inch)	Depth (inch)	Height (inch)	Width (inch)	Depth (inch)				
MPR-4-06600-03P	MERV 8	24	24	24	23.50	23.50	23.60	45.00	2000	0.18	6
MPR-4-03600-01P	MERV 8	12	24	24	11.50	23.50	23.60	22.50	1000	0.18	3
MPR-4-06360-03P	MERV 8	24	24	14	23.50	23.50	14.20	27.00	2000	0.20	6
MPR-4-03360-01P	MERV 8	12	24	14	11.50	23.50	14.20	13.50	1000	0.20	3
MPR-4-08600-03P	MERV 8	24	24	24	23.50	23.50	23.60	60.00	2000	0.18	8
MPR-4-04600-01P	MERV 8	12	24	24	11.50	23.50	23.60	30.00	1000	0.18	4
MPR-4-08360-03P	MERV 8	24	24	14	23.50	23.50	14.20	35.00	2000	0.20	8
MPR-4-04360-01P	MERV 8	12	24	14	11.50	23.50	14.20	17.50	1000	0.20	4
MPR-5-06600-03P	MERV 9	24	24	24	23.50	23.50	23.60	45.00	2000	0.18	6
MPR-5-03600-01P	MERV 9	12	24	24	11.50	23.50	23.60	22.50	1000	0.18	3
MPR-5-06360-03P	MERV 9	24	24	14	23.50	23.50	14.20	27.00	2000	0.22	6
MPR-5-03360-01P	MERV 9	12	24	14	11.50	23.50	14.20	13.50	1000	0.22	3
MPR-5-08600-03P	MERV 9	24	24	24	23.50	23.50	23.60	60.00	2000	0.18	8
MPR-5-04600-01P	MERV 9	12	24	24	11.50	23.50	23.60	30.00	1000	0.18	4
MPR-5-08360-03P	MERV 9	24	24	14	23.50	23.50	14.20	35.00	2000	0.22	8
MPR-5-04360-01P	MERV 9	12	24	14	11.50	23.50	14.20	17.50	1000	0.22	4
MPR-6-06600-03P	MERV 9	24	24	24	23.50	23.50	23.60	45.00	2000	0.20	6
MPR-6-03600-01P	MERV 9	12	24	24	11.50	23.50	23.60	22.50	1000	0.20	3
MPR-6-06360-03P	MERV 9	24	24	14	23.50	23.50	14.20	27.00	2000	0.22	6
MPR-6-03360-01P	MERV 9	12	24	14	11.50	23.50	14.20	13.50	1000	0.22	3
MPR-6-08600-03P	MERV 9	24	24	24	23.50	23.50	23.60	60.00	2000	0.20	8
MPR-6-04600-01P	MERV 9	12	24	24	11.50	23.50	23.60	30.00	1000	0.20	4
MPR-6-08360-03P	MERV 9	24	24	14	23.50	23.50	14.20	35.00	2000	0.22	8
MPR-6-04360-01P	MERV 9	12	24	14	11.50	23.50	14.20	17.50	1000	0.22	4



03

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FINE FILTERS

▶ MPS FINE SERIES

FINE FILTERS ◀

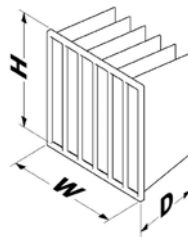
Media	Synthetic
Frame	Galvanized Steel
Final Pressure Drop	1.2" w. g.
Operating Temperature	176°F
Header Thickness	0.86"

Applications

- HVAC

Advantages

- Low initial pressure drop



Part Number	ASHRAE 52.2	Nominal Size			Actual Size			Media Area (sq.ft)	Air Flow (cfm)	Pressure Drop (inches w. g.)	Number of Pockets
		Height (inch)	Width (inch)	Depth (inch)	Height (inch)	Width (inch)	Depth (inch)				
MPS-5-06560-03	MERV 9	24	24	22	23.30	23.30	22.04	49.50	1350	0.18	6
MPS-5-03560-01	MERV 9	12	24	22	11.30	23.30	22.04	24.75	675	0.18	3
MPS-5-06460-03	MERV 9	24	24	18	23.30	23.30	18.10	40.90	1350	0.22	6
MPS-5-03460-01	MERV 9	12	24	18	11.30	23.30	18.10	20.45	675	0.22	3
MPS-5-06380-03	MERV 9	24	24	15	23.30	23.30	15.00	34.40	1350	0.24	6
MPS-5-03380-01	MERV 9	12	24	15	11.30	23.30	15.00	17.20	675	0.24	3
MPS-6-06765-03	MERV 11	24	24	30	23.30	23.30	30.10	68.00	1530	0.22	6
MPS-6-03765-01	MERV 11	12	24	30	11.30	23.30	30.10	34.00	765	0.22	3
MPS-6-06560-03	MERV 11	24	24	22	23.30	23.30	22.04	49.50	1350	0.22	6
MPS-6-03560-01	MERV 11	12	24	22	11.30	23.30	22.04	24.75	675	0.22	3
MPS-6-08765-03	MERV 11	24	24	30	23.30	23.30	30.10	92.50	1530	0.18	8
MPS-6-04765-01	MERV 11	12	24	30	23.30	23.30	30.10	46.25	750	0.18	4
MPS-6-08560-03	MERV 11	24	24	22	23.30	23.30	22.04	66.70	1350	0.18	8
MPS-6-04560-01	MERV 11	12	24	22	11.30	23.30	22.04	33.35	675	0.18	4

Part Number	ASHRAE 52.2	Nominal Size			Actual Size			Media Area (sq.ft)	Air Flow (cfm)	Pressure Drop (inches w. g.)	Number of Pockets
		Height (inch)	Width (inch)	Depth (inch)	Height (inch)	Width (inch)	Depth (inch)				
MPS-7-06765-03	MERV 13	24	24	30	23.30	23.30	30.10	68.00	1500	0.36	6
MPS-7-03765-01	MERV 13	12	24	30	11.30	23.30	30.10	34.00	750	0.36	3
MPS-7-06560-03	MERV 13	24	24	22	23.30	23.30	22.04	49.50	1350	0.36	6
MPS-7-03560-01	MERV 13	12	24	22	11.30	23.30	22.04	24.75	675	0.36	3
MPS-7-08765-03	MERV 13	24	24	30	23.30	23.30	30.10	92.50	1500	0.32	8
MPS-7-04765-01	MERV 13	12	24	30	23.30	23.30	30.10	46.25	750	0.32	4
MPS-7-08560-03	MERV 13	24	24	22	23.30	23.30	22.04	66.70	1500	0.32	8
MPS-7-04560-01	MERV 13	12	24	22	11.30	23.30	22.04	33.35	750	0.32	4
MPS-8-06765-03	MERV 14	24	24	30	23.30	23.30	30.10	68.00	1500	0.50	6
MPS-8-03765-01	MERV 14	12	24	30	11.30	23.30	30.10	34.00	750	0.50	3
MPS-8-06560-03	MERV 14	24	24	22	23.30	23.30	22.04	49.50	1350	0.50	6
MPS-8-03560-01	MERV 14	12	24	22	11.30	23.30	22.04	24.75	675	0.50	3
MPS-8-08765-03	MERV 14	24	24	30	23.30	23.30	30.10	92.50	1500	0.44	8
MPS-8-04765-01	MERV 14	12	24	30	23.30	23.30	30.10	46.25	750	0.44	4
MPS-8-08560-03	MERV 14	24	24	22	23.30	23.30	22.04	66.70	1500	0.44	8
MPS-8-04560-01	MERV 14	12	24	22	11.30	23.30	22.04	33.35	750	0.44	4

► MPS FINE PLASTIC SERIES

FINE FILTERS ◀

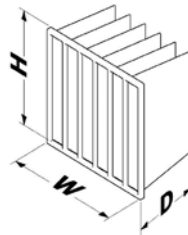
Media	Synthetic
Frame	Plastic (ABS)
Final Pressure Drop	1.2" w. g.
Operating Temperature	176°F
Header Thickness	0.90"

Applications

- HVAC

Advantages

- Low initial pressure drop



Part Number	ASHRAE 52.2	Nominal Size			Actual Size			Media Area (sq.ft)	Air Flow (cfm)	Pressure Drop (inches w. g.)	Number of Pockets
		Height (inch)	Width (inch)	Depth (inch)	Height (inch)	Width (inch)	Depth (inch)				
MPS-5-06560-03P	MERV 9	24	24	22	23.30	23.30	22.04	49.50	1350	0.18	6
MPS-5-03560-01P	MERV 9	12	24	22	11.30	23.30	22.04	24.75	675	0.18	3
MPS-5-06460-03P	MERV 9	24	24	18	23.30	23.30	18.10	40.90	1350	0.22	6
MPS-5-03460-01P	MERV 9	12	24	18	11.30	23.30	18.10	20.45	675	0.22	3
MPS-5-06380-03P	MERV 9	24	24	15	23.30	23.30	15.00	34.40	1350	0.24	6
MPS-5-06380-01P	MERV 9	12	24	15	11.30	23.30	15.00	17.20	675	0.24	3
MPS-6-06765-03P	MERV 11	24	24	30	23.30	23.30	30.10	68.00	1500	0.22	6
MPS-6-03765-01P	MERV 11	12	24	30	11.30	23.30	30.10	34.00	750	0.22	3
MPS-6-06560-03P	MERV 11	24	24	22	23.30	23.30	22.04	49.50	1350	0.22	6
MPS-6-03560-01P	MERV 11	12	24	22	11.30	23.30	22.04	24.75	675	0.22	3
MPS-6-08765-03P	MERV 11	24	24	30	23.30	23.30	30.10	92.50	1500	0.18	8
MPS-6-04765-01P	MERV 11	12	24	30	11.30	23.30	30.10	46.25	750	0.18	4
MPS-6-08560-03P	MERV 11	24	24	22	23.30	23.30	22.04	66.70	1500	0.18	8
MPS-6-04560-01P	MERV 11	12	24	22	11.30	23.30	22.04	33.35	750	0.18	4
MPS-7-06765-03P	MERV 13	24	24	30	23.30	23.30	30.10	68.00	1500	0.36	6
MPS-7-03765-01P	MERV 13	12	24	30	11.30	23.30	30.10	34.00	750	0.36	3
MPS-7-06560-03P	MERV 13	24	24	22	23.30	23.30	22.04	49.50	1350	0.36	6

Part Number	ASHRAE 52.2	Nominal Size			Actual Size			Media Area (sq.ft)	Air Flow (cfm)	Pressure Drop (inches w. g.)	Number of Pockets
		Height (inch)	Width (inch)	Depth (inch)	Height (inch)	Width (inch)	Depth (inch)				
MPS-7-03560-01P	MERV 13	12	24	22	11.30	23.30	22.04	24.75	675	0.36	3
MPS-7-08765-03P	MERV 13	24	24	765	23.30	23.30	30.10	92.50	1500	0.32	8
MPS-7-04765-01P	MERV 13	12	24	765	11.30	23.30	30.10	46.25	750	0.32	4
MPS-7-08560-03P	MERV 13	24	24	22	23.30	23.30	22.04	66.70	1500	0.32	8
MPS-7-04560-01P	MERV 13	12	24	22	11.30	23.30	22.04	33.35	750	0.32	4
MPS-8-06765-03P	MERV 14	24	24	30	23.30	23.30	30.10	68.00	1500	0.50	6
MPS-8-03765-01P	MERV 14	12	24	30	11.30	23.30	30.10	34.00	750	0.50	3
MPS-8-06560-03P	MERV 14	24	24	22	23.30	23.30	22.04	49.50	1350	0.50	6
MPS-8-03560-01P	MERV 14	12	24	22	11.30	23.30	22.04	24.75	675	0.50	3
MPS-8-08765-03P	MERV 14	24	24	765	23.30	23.30	30.10	92.50	1500	0.44	8
MPS-8-04765-01P	MERV 14	12	24	765	11.30	23.30	30.10	46.25	750	0.44	4
MPS-8-08560-03P	MERV 14	24	24	22	23.30	23.30	22.04	66.70	1500	0.44	8
MPS-8-04560-01P	MERV 14	12	24	22	11.30	23.30	22.04	33.35	750	0.44	4

▶ MPS NANOWAVE SERIES

FINE FILTERS ◀

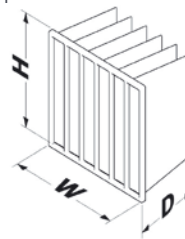
Media	Synthetic NANOWAVE
Frame	Galvanised Steel, Stainless Steel, Plastic*
Final Pressure Drop	1.2" w. g.
Operating Temperature	176°F
Humidity	100% RH
Filter Efficiency*	MERV11-13
Gasket	Optional

Applications

- Galvanised ventilation and air conditioning equipment

Advantages

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



Part Number	ASHRAE 52.2	Nominal Size			Actual Size			Media Area (sq.ft)	Air Flow (cfm)	Pressure Drop (inches w. g.)	Number of Pockets
		Height (inch)	Width (inch)	Depth (inch)	Height (inch)	Width (inch)	Depth (inch)				
MPS-6-10-635-592/592-G-N-H22-NW	MERV 11	24	24	25	23,3	23,3	25	80,8	2000	0,20	10
MPS-6-8-635-492/592-G-N-H22-NW	MERV 11	20	24	25	23,3	19,37	25	64,7	1647	0,20	8
MPS-6-5-635-287/592-G-N-H22-NW	MERV 11	12	24	25	11,3	23,3	25	40,4	1000	0,20	5
MPS-6-8-635-592/592-G-N-H22-NW	MERV 11	24	24	25	23,3	23,3	25	64,7	2000	0,22	8
MPS-6-6-635-492/592-G-N-H22-NW	MERV 11	24	24	25	23,3	19,37	25	48,5	1647	0,22	6
MPS-6-4-635-287/592-G-N-H22-NW	MERV 11	11	24	25	11,3	23,3	25	32,3	1000	0,22	4
MPS-7-10-635-592/592-G-N-H22-NW	MERV 13	24	24	25	23,3	23,3	25	80,8	2000	0,28	10
MPS-7-8-635-492/592-G-N-H22-NW	MERV 13	20	24	25	23,3	19,37	25	64,7	1647	0,28	8
MPS-7-5-635-287/592-G-N-H22-NW	MERV 13	12	24	25	11,3	23,3	25	40,4	1000	0,28	5
MPS-7-8-635-592/592-G-N-H22-NW	MERV 13	24	24	25	23,3	23,3	25	64,7	2000	0,30	8
MPS-7-6-635-492/592-G-N-H22-NW	MERV 13	24	24	25	23,3	19,37	25	48,5	1647	0,30	6
MPS-7-4-635-287/592-G-N-H22-NW	MERV 13	11	24	25	11,3	23,3	25	32,3	1000	0,30	4
MPS-8-10-635-592/592-G-N-H22-NW	MERV 14	24	24	25	23,3	23,3	25	80,8	2000	0,30	10
MPS-8-8-635-492/592-G-N-H22-NW	MERV 14	20	24	25	23,3	19,37	25	64,7	1647	0,30	8
MPS-8-5-635-287/592-G-N-H22-NW	MERV 14	12	24	25	11,3	23,3	25	40,4	1000	0,30	5
MPS-8-8-635-592/592-G-N-H22-NW	MERV 14	24	24	25	23,3	23,3	25	64,7	2000	0,32	8
MPS-8-6-635-492/592-G-N-H22-NW	MERV 14	24	24	25	23,3	19,37	25	48,5	1647	0,32	6
MPS-8-4-635-287/592-G-N-H22-NW	MERV 14	11	24	25	11,3	23,3	25	32,3	1000	0,32	4

Part Number	ASHRAE 52.2	Nominal Size			Actual Size			Media Area (sq.ft)	Air Flow (cfm)	Pressure Drop (inches w. g.)	Number of Pockets
		Height (inch)	Width (inch)	Depth (inch)	Height (inch)	Width (inch)	Depth (inch)				
MPS-9-10-635-592/592-G-N-H22-NW	MERV 15	24	24	25	23,3	23,3	25	80,8	2000	0,46	10
MPS-9-8-635-492/592-G-N-H22-NW	MERV 15	20	24	25	23,3	19,37	25	64,7	1647	0,46	8
MPS-9-5-635-287/592-G-N-H22-NW	MERV 15	12	24	25	11,3	23,3	25	40,4	1000	0,46	5
MPS-9-8-635-592/592-G-N-H22-NW	MERV 15	24	24	25	23,3	23,3	25	64,7	2000	0,48	8
MPS-9-6-635-492/592-G-N-H22-NW	MERV 15	24	24	25	23,3	19,37	25	48,5	1647	0,48	6
MPS-9-4-635-287/592-G-N-H22-NW	MERV 15	11	24	25	11,3	23,3	25	32,3	1000	0,48	4
MPS-7-10-635-592/592-G-N-H22-NW-EDHC	MERV 13	24	24	25	23,3	23,3	25	80,8	2000	0,24	10
MPS-7-8-635-492/592-G-N-H22-NW-EDHC	MERV 13	20	24	25	23,3	19,37	25	64,7	1647	0,24	8
MPS-7-5-635-287/592-G-N-H22-NW-EDHC	MERV 13	12	24	25	11,3	23,3	25	40,4	1000	0,24	5
MPS-7-8-635-592/592-G-N-H22-NW-EDHC	MERV 13	24	24	25	23,3	23,3	25	64,7	2000	0,26	8
MPS-7-6-635-492/592-G-N-H22-NW-EDHC	MERV 13	24	24	25	23,3	19,37	25	48,5	1647	0,26	6
MPS-7-4-635-287/592-G-N-H22-NW-EDHC	MERV 13	11	24	25	11,3	23,3	25	32,3	1000	0,26	4
MPS-9-10-635-592/592-G-N-H22-NW-EDHC	MERV 15	24	24	25	23,3	23,3	25	80,8	2000	0,34	10
MPS-9-8-635-492/592-G-N-H22-NW-EDHC	MERV 15	20	24	25	23,3	19,37	25	64,7	1647	0,34	8
MPS-9-5-635-287/592-G-N-H22-NW-EDHC	MERV 15	12	24	25	11,3	23,3	25	40,4	1000	0,34	5
MPS-9-8-635-592/592-G-N-H22-NW-EDHC	MERV 15	24	24	25	23,3	23,3	25	64,7	2000	0,36	8
MPS-9-6-635-492/592-G-N-H22-NW-EDHC	MERV 15	24	24	25	23,3	19,37	25	48,5	1647	0,36	6
MPS-9-4-635-287/592-G-N-H22-NW-EDHC	MERV 15	11	24	25	11,3	23,3	25	32,3	1000	0,36	4

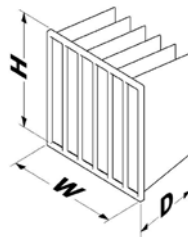
Media Glassfiber
Frame Galvanized Steel
Final Pressure Drop 1.5" w. g.
Operating Temperature 176°F
Header Thickness 0.86"

Applications

- HVAC
- Pre-filter of absolute filters

Advantages

- Low initial pressure drop
- Low energy use



Part Number	ASHRAE 52.2	Nominal Size			Actual Size			Media Area (sq.ft)	Air Flow (cfm)	Pressure Drop (inches w. g.)	Number of Pockets
		Height (inch)	Width (inch)	Depth (inch)	Height (inch)	Width (inch)	Depth (inch)				
MPG-5-10535-03	MERV 9	24	24	21	23.30	23.30	21.00	70.00	2000	0.22	10
MPG-5-08535-02	MERV 9	24	20	21	23.30	19.37	21.00	53.80	1650	0.22	8
MPG-5-05535-01	MERV 9	24	12	21	23.30	11.30	21.00	34.45	1000	0.22	5
MPG-5-10635-03	MERV 9	24	24	25	23.30	23.30	25.00	84.00	2000	0.20	10
MPG-5-08635-02	MERV 9	24	20	25	23.30	19.37	25.00	70.00	1650	0.20	8
MPG-5-05635-01	MERV 9	24	12	25	23.30	11.30	25.00	42.00	1000	0.20	5
MPG-5-08535-03	MERV 9	24	24	21	23.30	23.30	21.00	53.80	2000	0.22	8
MPG-5-06535-02	MERV 9	24	20	21	23.30	19.37	21.00	40.35	1650	0.22	6
MPG-5-04535-01	MERV 9	24	12	21	23.30	11.30	21.00	26.90	1000	0.22	4
MPG-5-08635-03	MERV 9	24	24	25	23.30	23.30	25.00	70.00	2000	0.20	8
MPG-5-06635-02	MERV 9	24	20	25	23.30	19.37	25.00	48.45	1650	0.20	6
MPG-5-04635-01	MERV 9	24	12	25	23.30	11.30	25.00	32.30	1000	0.20	4
MPG-5-06600-03	MERV 9	24	24	24	23.30	23.30	23.60	45.75	2000	0.22	6
MPG-5-04600-02	MERV 9	24	20	24	23.30	19.37	23.60	30.15	1650	0.22	4
MPG-5-03600-01	MERV 9	24	12	24	23.30	11.30	23.60	22.60	1000	0.22	3
MPG-5-12380-03	MERV 9	24	24	15	23.30	23.30	15.00	59.20	2000	0.24	12
MPG-5-10380-02	MERV 9	24	20	15	23.30	19.37	15.00	49.50	1650	0.24	10
MPG-5-06380-01	MERV 9	24	12	15	23.30	11.30	15.00	29.60	1000	0.24	6

Part Number	ASHRAE 52.2	Nominal Size			Actual Size			Media Area (sq.ft)	Air Flow (cfm)	Pressure Drop (inches w. g.)	Number of Pockets
		Height (inch)	Width (inch)	Depth (inch)	Height (inch)	Width (inch)	Depth (inch)				
MPG-6-10535-03	MERV 11	24	24	21	23.30	23.30	21.00	70.00	2000	0.26	10
MPG-6-08535-02	MERV 11	24	20	21	23.30	19.37	21.00	53.80	1650	0.26	8
MPG-6-05535-01	MERV 11	24	12	21	23.30	11.30	21.00	34.45	1000	0.26	5
MPG-6-10635-03	MERV 11	24	24	25	23.30	23.30	25.00	84.00	2000	0.22	10
MPG-6-08635-02	MERV 11	24	20	25	23.30	19.37	25.00	70.00	1650	0.22	8
MPG-6-05635-01	MERV 11	24	12	25	23.30	11.30	25.00	42.00	1000	0.22	5
MPG-6-08535-03	MERV 11	24	24	21	23.30	23.30	21.00	53.80	2000	0.30	8
MPG-6-06535-02	MERV 11	24	20	21	23.30	19.37	21.00	40.35	1650	0.30	6
MPG-6-04535-01	MERV 11	24	12	21	23.30	11.30	21.00	26.90	1000	0.30	4
MPG-6-08635-03	MERV 11	24	24	25	23.30	23.30	25.00	70.00	2000	0.26	8
MPG-6-06635-02	MERV 11	24	20	25	23.30	19.37	25.00	48.45	1650	0.26	6
MPG-6-04635-01	MERV 11	24	12	25	23.30	11.30	25.00	32.30	1000	0.26	4
MPG-6-06600-03	MERV 11	24	24	24	23.30	23.30	23.60	45.75	2000	0.30	6
MPG-6-04600-02	MERV 11	24	20	24	23.30	19.37	23.60	30.15	1650	0.30	4
MPG-6-03600-01	MERV 11	24	12	24	23.30	11.30	23.60	22.60	1000	0.30	3
MPG-6-12380-03	MERV 11	24	24	15	23.30	23.30	15.00	59.20	2000	0.32	12
MPG-6-10380-02	MERV 11	24	20	15	23.30	19.37	15.00	49.50	1650	0.32	10
MPG-6-06380-01	MERV 11	24	12	15	23.30	11.30	15.00	29.60	1000	0.32	6
MPG-7-10535-03	MERV 13	24	24	21	23.30	23.30	21.00	70.00	2000	0.42	10
MPG-7-08535-02	MERV 13	24	20	21	23.30	19.37	21.00	53.80	1650	0.42	8
MPG-7-05535-01	MERV 13	24	12	21	23.30	11.30	21.00	34.45	1000	0.42	5
MPG-7-10635-03	MERV 13	24	24	25	23.30	23.30	25.00	84.00	2000	0.38	10
MPG-7-08635-02	MERV 13	24	20	25	23.30	19.37	25.00	70.00	1650	0.38	8
MPG-7-05635-01	MERV 13	24	12	25	23.30	11.30	25.00	42.00	1000	0.38	5
MPG-7-08535-03	MERV 13	24	24	21	23.30	23.30	21.00	53.80	2000	0.42	8
MPG-7-06535-02	MERV 13	24	20	21	23.30	19.37	21.00	40.35	1650	0.42	6
MPG-7-04535-01	MERV 13	24	12	21	23.30	11.30	21.00	26.90	1000	0.42	4
MPG-7-08635-03	MERV 13	24	24	25	23.30	23.30	25.00	70.00	2000	0.36	8
MPG-7-06635-02	MERV 13	24	20	25	23.30	19.37	25.00	48.45	1650	0.36	6
MPG-7-04635-01	MERV 13	24	12	25	23.30	11.30	25.00	32.30	1000	0.36	4
MPG-7-06600-03	MERV 13	24	24	24	23.30	23.30	23.60	45.75	2000	0.44	6
MPG-7-04600-02	MERV 13	24	20	24	23.30	19.37	23.60	30.15	1650	0.44	4
MPG-7-03600-01	MERV 13	24	12	24	23.30	11.30	23.60	22.60	1000	0.44	3

Part Number	ASHRAE 52.2	Nominal Size			Actual Size			Media Area (sq.ft)	Air Flow (cfm)	Pressure Drop (inches w. g.)	Number of Pockets
		Height (inch)	Width (inch)	Depth (inch)	Height (inch)	Width (inch)	Depth (inch)				
MPG-8-10535-03	MERV 15	24	24	21	23.3	23.3	21	70.00	2000	0.60	10
MPG-8-08535-02	MERV 15	24	20	21	23.3	19.3	21	53.80	1650	0.60	8
MPG-8-05535-01	MERV 15	24	12	21	23.3	11.3	21	34.45	1000	0.60	5
MPG-8-10635-03	MERV 15	24	24	25	23.3	23.3	25	84.00	2000	0.56	10
MPG-8-08635-02	MERV 15	24	20	25	23.3	19.3	25	70.00	1650	0.56	8
MPG-8-05635-01	MERV 15	24	12	25	23.3	11.3	25	42.00	1000	0.56	5
MPG-8-08535-03	MERV 15	24	24	21	23.3	23.3	21	53.80	2000	0.64	8
MPG-8-06535-02	MERV 15	24	20	21	23.3	19.3	21	40.35	1650	0.64	6
MPG-8-04535-01	MERV 15	24	12	21	23.3	11.3	21	26.90	1000	0.64	4
MPG-8-08635-03	MERV 15	24	24	25	23.3	23.3	25	70.00	2000	0.58	8
MPG-8-06635-02	MERV 15	24	20	25	23.3	19.3	25	48.45	1650	0.58	6
MPG-8-04635-01	MERV 15	24	12	25	23.3	11.3	25	32.30	1000	0.58	4
MPG-8-06600-03	MERV 15	24	24	24	23.3	23.3	23.6	45.75	2000	0.60	6
MPG-8-04600-02	MERV 15	24	20	24	23.3	19.3	23.6	30.15	1650	0.60	4
MPG-8-03600-01	MERV 15	24	12	24	23.3	11.3	23.6	22.60	1000	0.60	3



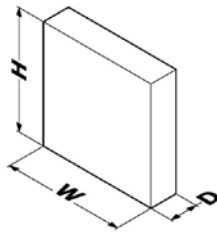
Media Micro Glass Fiber
Frame Cardboard
Final Pressure Drop 1.5" w. g.
Operating Temperature 176°F
Sealant Wood Glue
Separator Hot Melt

Applications

- HVAC

Advantages

- Compact and rigid
- Low energy use
- High surface area
- Metal free



Part Number	ASHRAE 52.2	Nominal Size			Actual Size			Media Area (sq.ft)	Air Flow (cfm)	Pressure Drop (inches w. g.)
		Height (inch)	Width (inch)	Depth (inch)	Height (inch)	Width (inch)	Depth (inch)			
MPF-287/595/45-6KN	MERV 11	12	24	2	11.30	23.30	1.88	32.20	600	0.26
MPF-495/595/45-6KN	MERV 11	20	24	2	19.37	23.30	1.88	53.80	1000	0.26
MPF-595/595/45-6KN	MERV 11	24	24	2	23.30	23.30	1.88	64.50	1200	0.26
MPF-287/595/95-6KN	MERV 11	12	24	4	11.30	23.30	3.78	59.20	850	0.32
MPF-495/595/95-6KN	MERV 11	20	24	4	19.37	23.30	3.78	96.90	1400	0.32
MPF-595/595/95-6KN	MERV 11	24	24	4	23.30	23.30	3.78	118.40	1700	0.32
MPF-287/595/45-7KN	MERV 13	12	24	2	11.30	23.30	1.88	64.50	600	0.32
MPF-495/595/45-7KN	MERV 13	20	24	2	19.37	23.30	1.88	53.80	1000	0.32
MPF-595/595/45-7KN	MERV 13	24	24	2	23.30	23.30	1.88	32.20	1200	0.32
MPF-287/595/95-7KN	MERV 13	12	24	4	11.30	23.30	3.78	118.40	850	0.36

Part Number	ASHRAE 52.2	Nominal Size			Actual Size			Media Area (sq.ft)	Air Flow (cfm)	Pressure Drop (inches w. g.)
		Height (inch)	Width (inch)	Depth (inch)	Height (inch)	Width (inch)	Depth (inch)			
MPF-495/595/95-7KN	MERV 13	20	24	4	19.37	23.30	3.78	96.90	1400	0.36
MPF-595/595/95-7KN	MERV 13	24	24	4	23.30	23.30	3.78	59.20	1700	0.36
MPF-287/595/45-8KN	MERV 14	12	24	2	11.30	23.30	1.88	64.50	600	0.40
MPF-495/595/45-8KN	MERV 14	20	24	2	19.37	23.30	1.88	53.80	1000	0.40
MPF-595/595/45-8KN	MERV 14	24	24	2	23.30	23.30	1.88	32.20	1200	0.40
MPF-287/595/95-8KN	MERV 14	12	24	4	11.30	23.30	3.78	118.40	850	0.42
MPF-495/595/95-8KN	MERV 14	20	24	4	19.37	23.30	3.78	96.90	1400	0.42
MPF-595/595/95-8KN	MERV 14	24	24	4	23.30	23.30	3.78	59.20	1700	0.42
MPF-287/595/45-9KN	MERV 15	12	24	2	11.30	23.30	1.88	64.50	600	0.58
MPF-495/595/45-9KN	MERV 15	20	24	2	19.37	23.30	1.88	53.80	1000	0.58
MPF-595/595/45-9KN	MERV 15	24	24	2	23.30	23.30	1.88	32.20	1200	0.58
MPF-287/595/95-9KN	MERV 15	12	24	4	11.30	23.30	3.78	118.40	850	0.60
MPF-495/595/95-9KN	MERV 15	20	24	4	19.37	23.30	3.78	96.90	1400	0.60
MPF-595/595/95-9KN	MERV 15	24	24	4	23.30	23.30	3.78	59.20	1700	0.60

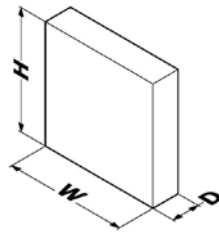
Media Micro Glass Fiber
Frame Galvanized Steel, Aluminium, Stainless Steel, MDF, Plastic
Final Pressure Drop 1.5" w. g.
Operating Temperature 176°F
Gasket Optional
Sealant Polyurethane
Separator Hot Melt

Applications

- HVAC

Advantages

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



Part Number	ASHRAE 52.2	Nominal Size			Actual Size			Media Area (sq.ft)	Air Flow (cfm)	Pressure Drop (inches w. g.)
		Height (inch)	Width (inch)	Depth (inch)	Height (inch)	Width (inch)	Depth (inch)			
MPF-287/592/48-6GN	MERV 11	12	24	2	11.30	23.30	1.88	32.20	600	0.26
MPF-492/592/48-6GN	MERV 11	20	24	2	19.37	23.30	1.88	53.80	1000	0.26
MPF-592/592/48-6GN	MERV 11	24	24	2	23.30	23.30	1.88	64.50	1200	0.26
MPF-287/592/96-6GN	MERV 11	12	24	4	11.30	23.30	3.78	59.20	850	0.32
MPF-492/592/96-6GN	MERV 11	20	24	4	19.37	23.30	3.78	96.90	1400	0.32
MPF-592/592/96-6GN	MERV 11	24	24	4	23.30	23.30	3.78	118.40	1700	0.32
MPF-287/592/150-6GN	MERV 11	12	24	6	11.30	23.30	5.90	80.70	1000	0.32
MPF-492/592/150-6GN	MERV 11	20	24	6	19.37	23.30	5.90	134.50	1650	0.32
MPF-592/592/150-6GN	MERV 11	24	24	6	23.30	23.30	5.90	161.40	2000	0.32
MPF-287/592/48-7GN	MERV 13	12	24	2	11.30	23.30	1.88	32.20	600	0.32
MPF-492/592/48-7GN	MERV 13	20	24	2	19.37	23.30	1.88	53.80	1000	0.32
MPF-592/592/48-7GN	MERV 13	24	24	2	23.30	23.30	1.88	64.50	1200	0.32
MPF-287/592/96-7GN	MERV 13	12	24	4	11.30	23.30	3.78	59.20	850	0.36
MPF-492/592/96-7GN	MERV 13	20	24	4	19.37	23.30	3.78	96.90	1400	0.36
MPF-592/592/96-7GN	MERV 13	24	24	4	23.30	23.30	3.78	118.40	1700	0.36
MPF-287/592/150-7GN	MERV 13	12	24	6	11.30	23.30	5.90	80.70	1000	0.40
MPF-492/592/150-7GN	MERV 13	20	24	6	19.37	23.30	5.90	134.50	1650	0.40
MPF-592/592/150-7GN	MERV 13	24	24	6	23.30	23.30	5.90	161.40	2000	0.40

Part Number	ASHRAE 52.2	Nominal Size			Actual Size			Media Area (sq.ft)	Air Flow (cfm)	Pressure Drop (inches w. g.)
		Height (inch)	Width (inch)	Depth (inch)	Height (inch)	Width (inch)	Depth (inch)			
MPF-287/592/48-8GN	MERV 14	12	24	2	11.30	23.30	1.88	32.20	600	0.40
MPF-492/592/48-8GN	MERV 14	20	24	2	19.37	23.30	1.88	53.80	1000	0.40
MPF-592/592/48-8GN	MERV 14	24	24	2	23.30	23.30	1.88	64.50	1200	0.40
MPF-287/592/96-8GN	MERV 14	12	24	4	11.30	23.30	3.78	59.20	850	0.42
MPF-492/592/96-8GN	MERV 14	20	24	4	19.37	23.30	3.78	96.90	1400	0.42
MPF-592/592/96-8GN	MERV 14	24	24	4	23.30	23.30	3.78	118.40	1700	0.42
MPF-287/592/150-8GN	MERV 14	12	24	6	11.30	23.30	5.90	80.70	1000	0.48
MPF-492/592/150-8GN	MERV 14	20	24	6	19.37	23.30	5.90	134.50	1650	0.48
MPF-592/592/150-8GN	MERV 14	24	24	6	23.30	23.30	5.90	161.40	2000	0.48
MPF-287/592/48-9GN	MERV 15	12	24	2	11.30	23.30	1.88	32.20	600	0.58
MPF-492/592/48-9GN	MERV 15	20	24	2	19.37	23.30	1.88	53.80	1000	0.58
MPF-592/592/48-9GN	MERV 15	24	24	2	23.30	23.30	1.88	64.50	1200	0.58
MPF-287/592/96-9GN	MERV 15	12	24	4	11.30	23.30	3.78	59.20	850	0.60
MPF-492/592/96-9GN	MERV 15	20	24	4	19.37	23.30	3.78	96.90	1400	0.60
MPF-592/592/96-9GN	MERV 15	24	24	4	23.30	23.30	3.78	118.40	1700	0.60
MPF-287/592/150-9GN	MERV 15	12	24	6	11.30	23.30	5.90	80.70	1000	0.60
MPF-492/592/150-9GN	MERV 15	20	24	6	19.37	23.30	5.90	134.50	1650	0.60
MPF-592/592/150-9GN	MERV 15	24	24	6	23.30	23.30	5.90	161.40	2000	0.60

▶ MC SERIES

FINE FILTERS ◀

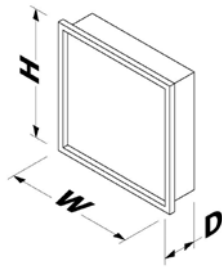
Media	Micro Glass Fiber
Frame	Plastic or Galvanized Steel
Final Pressure Drop	1.5" w. g.
Operating Temperature	176°F
Gasket	Optional
Sealant	Polyurethane
Header Thickness	0.90"

Applications

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

Advantages

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



Part Number	ASHRAE 52.2	Nominal Size			Actual Size			Media Area (sq.ft)	Air Flow (cfm)	Pressure Drop (inches w. g.)
		Height (inch)	Width (inch)	Depth (inch)	Height (inch)	Width (inch)	Depth (inch)			
MC-287/592/130-6GN	MERV 11	12	24	6	11.30	23.30	5.10	74.00	1000	0.48
MC-492/592/130-6GN	MERV 11	20	24	6	19.37	23.30	5.10	121.00	1470	0.48
MC-592/592/130-6GN	MERV 11	24	24	6	23.30	23.30	5.10	150.00	2000	0.48
MC-287/592/130-7GN	MERV 13	12	24	6	11.30	23.30	5.10	74.00	1000	0.54
MC-492/592/130-7GN	MERV 13	20	24	6	19.37	23.30	5.10	121.00	1470	0.54
MC-592/592/130-7GN	MERV 13	24	24	6	23.30	23.30	5.10	150.00	2000	0.54
MC-287/592/130-8GN	MERV 14	12	24	6	11.30	23.30	5.10	74.00	1000	0.60
MC-492/592/130-8GN	MERV 14	20	24	6	19.37	23.30	5.10	121.00	1470	0.60
MC-592/592/130-8GN	MERV 14	24	24	6	23.30	23.30	5.10	150.00	2000	0.60
MC-287/592/130-9GN	MERV 15	12	24	6	11.30	23.30	5.10	74.00	1000	0.70
MC-492/592/130-9GN	MERV 15	20	24	6	19.37	23.30	5.10	121.00	1470	0.70
MC-592/592/130-9GN	MERV 15	24	24	6	23.30	23.30	5.10	150.00	2000	0.70

MV-HT PLASTIC SERIES

FINE FILTERS

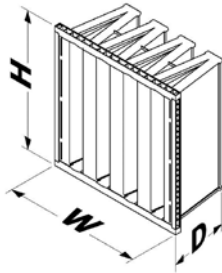
Media	Micro Glass Fiber
Frame	Polyamid
Final Pressure Drop	2.4" w. g.
Operating Temperature	248°F
Gasket	Optional
Sealant	Polyurethane
Header Thickness	3/4" or 1"

Applications

- HVAC
- Cleanroom applications

Advantages

- Compact design
- High surface area
- High efficiency



 **248°F**

Part Number	ASHRAE 52.2	Nominal Size			Actual Size			Media Area (sq.ft)	Air Flow (cfm)	Pressure Drop (inches w. g.)
		Height (inch)	Width (inch)	Depth (inch)	Height (inch)	Width (inch)	Depth (inch)			
MV-F6-01-P	MERV 11	24	12	12	23.30	11.50	11.50	100.00	1000	0.26
MV-F6-02-P	MERV 11	24	20	12	23.30	19.37	11.50	160.00	1650	0.26
MV-F6-03-P	MERV 11	24	24	12	23.30	23.30	11.50	200.00	2000	0.26
MV-F7-01-P	MERV 13	24	12	12	23.30	11.50	11.50	100.00	1000	0.31
MV-F7-02-P	MERV 13	24	20	12	23.30	19.37	11.50	160.00	1650	0.31
MV-F7-03-P	MERV 13	24	24	12	23.30	23.30	11.50	200.00	2000	0.31
MV-F8-01-P	MERV 14	24	12	12	23.30	11.50	11.50	100.00	1000	0.37
MV-F8-02-P	MERV 14	24	20	12	23.30	19.37	11.50	160.00	1650	0.37
MV-F8-03-P	MERV 14	24	24	12	23.30	23.30	11.50	200.00	2000	0.37
MV-F9-01-P	MERV 15	24	12	12	23.30	11.50	11.50	100.00	1000	0.46
MV-F9-02-P	MERV 15	24	20	12	23.30	19.37	11.50	160.00	1650	0.46
MV-F9-03-P	MERV 15	24	24	12	23.30	23.30	11.50	200.00	2000	0.46

MV SERIES

FINE FILTERS

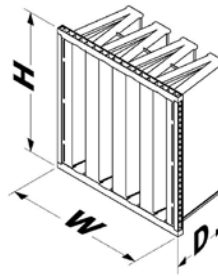
Media	Micro Glass Fiber
Frame	ABS
Final Pressure Drop	1.5" w. g.
Operating Temperature	176°F
Gasket	Optional
Sealant	Polyurethane
Separators	Hot Melt
Header Thickness	3/4" or 1"

Applications

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

Advantages

- Compact design
- High surface area
- High efficiency
- Energy saver



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AS TO FLAMMABILITY ONLY
R39025

Part Number	ASHRAE 52.2	Nominal Size			Actual Size			Media Area (sq.ft)	Air Flow (cfm)	Pressure Drop (inches w. g.)
		Height (inch)	Width (inch)	Depth (inch)	Height (inch)	Width (inch)	Depth (inch)			
MV-F6-01	MERV 11	24	12	12	23.30	11.50	11.50	100.00	1000	0.26
MV-F6-02	MERV 11	24	20	12	23.30	19.37	11.50	160.00	1650	0.26
MV-F6-03	MERV 11	24	24	12	23.30	23.30	11.50	200.00	2000	0.26
MV-F6-07	MERV 11	20	20	12	19.37	11.50	11.50	130.00	1370	0.26
MV-F7-01	MERV 13	24	12	12	23.30	11.50	11.50	100.00	1000	0.29
MV-F7-02	MERV 13	24	20	12	23.30	19.37	11.50	160.00	1650	0.29
MV-F7-03	MERV 13	24	24	12	23.30	23.30	11.50	200.00	2000	0.29
MV-F7-07	MERV 13	20	20	12	19.37	11.50	11.50	130.00	1370	0.29
MV-F8-01	MERV 14-A	24	12	12	23.30	11.50	11.50	100.00	1000	0.33
MV-F8-02	MERV 14-A	24	20	12	23.30	19.37	11.50	160.00	1650	0.33
MV-F8-03	MERV 14-A	24	24	12	23.30	23.30	11.50	200.00	2000	0.33
MV-F8-07	MERV 14	20	20	12	19.37	11.50	11.50	130.00	1370	0.34

Part Number	ASHRAE 52.2	Nominal Size			Actual Size			Media Area (sq.ft)	Air Flow (cfm)	Pressure Drop (inches w. g.)
		Height (inch)	Width (inch)	Depth (inch)	Height (inch)	Width (inch)	Depth (inch)			
MV-F9-01	MERV 15-A	24	12	12	23.30	11.50	11.50	100.00	1000	0.36
MV-F9-02	MERV 15-A	24	20	12	23.30	19.37	11.50	160.00	1650	0.36
MV-F9-03	MERV 15-A	24	24	12	23.30	23.30	11.50	200.00	2000	0.36
MV-F9-07	MERV 15	20	20	12	19.37	11.50	11.50	130.00	1370	0.40
MV-H10-01	MERV 16-A	24	12	12	23.30	11.50	11.50	100.00	1000	0.55
MV-H10-02	MERV 16-A	24	20	12	23.30	19.37	11.50	160.00	1650	0.55
MV-H10-03	MERV 16-A	24	24	12	23.30	23.30	11.50	200.00	2000	0.55
MV-H10-07	MERV 16	20	20	12	19.37	11.50	11.50	130.00	1370	0.70

▶ MV SERIES (2VF)

FINE FILTERS ◀

Media	Micro Glass Fiber
Frame	ABS
Final Pressure Drop	1.5" w. g.
Operating Temperature	176°F
Gasket	Optional
Sealant	Polyurethane
Separators	Hot Melt
Header Thickness	3/4"

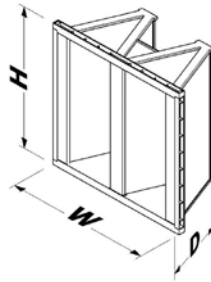
Applications

- HVAC

Advantages

- Compact and economic
- High surface area
- High efficiency

CLASSIFIED
 **AIR FILTER UNIT**
AS TO FLAMMABILITY ONLY
R39025



Part Number	ASHRAE 52.2	Nominal Size			Actual Size			Media Area (sq.ft)	Air Flow (cfm)	Pressure Drop (inches w. g.)
		Height (inch)	Width (inch)	Depth (inch)	Height (inch)	Width (inch)	Depth (inch)			
MV-F6-01-2VF	MERV 11	24	12	12	23.30	11.50	11.50	48.40	1000	0.32
MV-F6-02-2VF	MERV 11	24	20	12	23.30	19.37	11.50	80.70	1650	0.32
MV-F6-03-2VF	MERV 11	24	24	12	23.30	23.30	11.50	96.80	2000	0.32
MV-F7-01-2VF	MERV 13	24	12	12	23.30	11.50	11.50	48.40	1000	0.46
MV-F7-02-2VF	MERV 13	24	20	12	23.30	19.37	11.50	80.70	1650	0.46
MV-F7-03-2VF	MERV 13	24	24	12	23.30	23.30	11.50	96.80	2000	0.46
MV-F8-01-2VF	MERV 14	24	12	12	23.30	11.50	11.50	48.40	1000	0.48
MV-F8-02-2VF	MERV 14	24	20	12	23.30	19.37	11.50	80.70	1650	0.48
MV-F8-03-2VF	MERV 14	24	24	12	23.30	23.30	11.50	96.80	2000	0.48
MV-F9-01-2VF	MERV 15	24	12	12	23.30	11.50	11.50	48.40	1000	0.60
MV-F9-02-2VF	MERV 15	24	20	12	23.30	19.37	11.50	80.70	1650	0.60
MV-F9-03-2VF	MERV 15	24	24	12	23.30	23.30	11.50	96.80	2000	0.60

MVX SERIES

FINE FILTERS

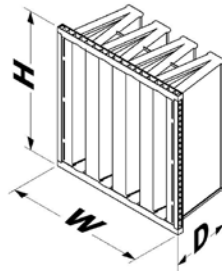
Media	Micro Glass Fiber
Frame	ABS
Final Pressure Drop	1.5" w. g.
Operating Temperature	176°F
Gasket	Optional
Sealant	Polyurethane
Separators	Hot Melt
Header Thickness	3/4" or 1"

Applications

- Gas turbine applications

Advantages

- High surface area
- High efficiency
- Energy saver



**FULLY
POTTED**



Part Number	ASHRAE 52.2	Nominal Size			Actual Size			Media Area (sq.ft)	Air Flow (cfm)	Pressure Drop (inches w. g.)
		Height (inch)	Width (inch)	Depth (inch)	Height (inch)	Width (inch)	Depth (inch)			
MVX-F6-01-DPG-Y	MERV 11	24	12	17	23.30	11.50	17.32	172.00	1250	0.34
MVX-F6-02-DPG-Y	MERV 11	24	20	17	23.30	19.37	17.32	290.00	2000	0.34
MVX-F6-03-DPG-Y	MERV 11	24	24	17	23.30	23.30	17.32	344.00	2500	0.34
MVX-F7-01-DPG-Y	MERV 13	24	12	17	23.30	11.50	17.32	172.00	1250	0.40
MVX-F7-02-DPG-Y	MERV 13	24	20	17	23.30	19.37	17.32	290.00	2000	0.40
MVX-F7-03-DPG-Y	MERV 13	24	24	17	23.30	23.30	17.32	344.00	2500	0.40
MVX-F8-01-DPG-Y	MERV 14	24	12	17	23.30	11.50	17.32	172.00	1250	0.44
MVX-F8-02-DPG-Y	MERV 14	24	20	17	23.30	19.37	17.32	290.00	2000	0.44
MVX-F8-03-DPG-Y	MERV 14	24	24	17	23.30	23.30	17.32	344.00	2500	0.44
MVX-F9-01-DPG-Y	MERV 15	24	12	17	23.30	11.50	17.32	172.00	1250	0.48
MVX-F9-02-DPG-Y	MERV 15	24	20	17	23.30	19.37	17.32	290.00	2000	0.48
MVX-F9-03-DPG-Y	MERV 15	24	24	17	23.30	23.30	17.32	344.00	2500	0.48
MVX-H10-01-DPG-Y	MERV 16	24	12	17	23.30	11.50	17.32	172.00	1250	0.54
MVX-H10-02-DPG-Y	MERV 16	24	20	17	23.30	19.37	17.32	290.00	2000	0.54
MVX-H10-03-DPG-Y	MERV 16	24	24	17	23.30	23.30	17.32	344.00	2500	0.54



04

HIGH TEMPERATURE FILTERS

MSKPHT SERIES	56
MV4HT SERIES	57
MVHHT SERIES	58
MPHT SERIES 1.6"-3" DEEP FRAME	59
MASHT SERIES 12" DEEP FRAME	61



HIGH TEMPERATURE
FILTERS

MSKPHT SERIES

HIGH TEMPERATURE FILTERS

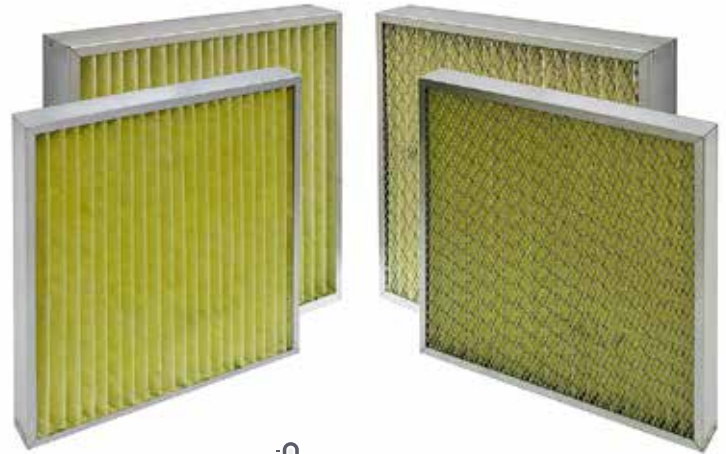
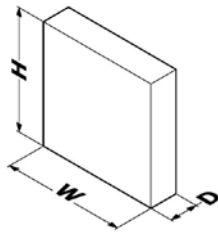
Media Glass Fiber
Frame Galvanized Steel or Stainless Steel
Final Pressure Drop 1.5" w. g.
Operating Temperature 500°F
Gasket High Temperature Gasket

Applications

- Pre-filter for heat treatment

Advantages

- Depth loading
- High dust holding capacity



Part Number	ASHRAE 52.2	Nominal Size			Actual Size			Media Area (sq.ft)	Air Flow (cfm)	Pressure Drop (inches w. g.)
		Height (inch)	Width (inch)	Depth (inch)	Height (inch)	Width (inch)	Depth (inch)			
MSKPHT-287/592/48	MERV 8	12	24	2	11.30	23.30	1.88	6.50	600	0.40
MSKPHT-492/592/48	MERV 8	20	24	2	19.37	23.30	1.88	9.70	1000	0.40
MSKPHT-592/592/48	MERV 8	24	24	2	23.30	23.30	1.88	11.80	1200	0.40
MSKPHT-287/592/96	MERV 8	12	24	4	11.30	23.30	3.78	11.80	1000	0.44
MSKPHT-492/592/96	MERV 8	20	24	4	19.37	23.30	3.78	19.40	1650	0.44
MSKPHT-592/592/96	MERV 8	24	24	4	23.30	23.30	3.78	23.70	2000	0.44

MV4HT SERIES

HIGH TEMPERATURE FILTERS

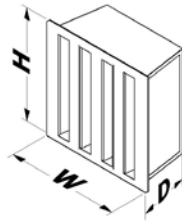
Media	Micro Glass Fiber
Frame	Galvanized Steel
Final Pressure Drop	1.5" w. g.
Operating Temperature	662°F
Protection Grids	Galvanized Steel on Both Sides
Gasket	High Temperature Gasket
Header Thickness	0.86"
Separators	Glass Fiber Strip

Applications

- Automotive industry

Advantages

- High efficiency
- High surface area



Part Number	ASHRAE 52.2	Nominal Size			Actual Size			Media Area (sq.ft)	Air Flow (cfm)	Pressure Drop (inches w. g.)
		Height (inch)	Width (inch)	Depth (inch)	Height (inch)	Width (inch)	Depth (inch)			
MV4HT-287/592/292-6GD2G-1H22	MERV 11	12	24	12	11.30	23.30	11.30	75.00	1000	0.40
MV4HT-492/592/292-6GD2G-1H22	MERV 11	20	24	12	19.37	23.30	11.30	130.00	1650	0.40
MV4HT-592/592/292-6GD2G-1H22	MERV 11	24	24	12	23.30	23.30	11.30	160.00	2000	0.40
MV4HT-305/610/400-6GD2G-1H22	MERV 11	12	24	16	12.00	24.00	15.70	120.00	1000	0.32
MV4HT-490/610/400-6GD2G-1H22	MERV 11	20	24	16	19.29	24.00	15.70	195.00	1650	0.32
MV4HT-610/610/400-6GD2G-1H22	MERV 11	24	24	16	24.00	24.00	15.70	235.00	2000	0.32
MV4HT-287/592/292-8GD2G-1H22	MERV 14	12	24	12	11.30	23.30	11.30	75.00	1000	0.54
MV4HT-492/592/292-8GD2G-1H22	MERV 14	20	24	12	19.37	23.30	11.30	130.00	1650	0.54
MV4HT-592/592/292-8GD2G-1H22	MERV 14	24	24	12	23.30	23.30	11.30	160.00	2000	0.54
MV4HT-305/610/400-8GD2G-1H22	MERV 14	12	24	16	12.00	24.00	15.70	120.00	1000	0.40
MV4HT-490/610/400-8GD2G-1H22	MERV 14	20	24	16	19.29	24.00	15.70	195.00	1650	0.40
MV4HT-610/610/400-8GD2G-1H22	MERV 14	24	24	16	24.00	24.00	15.70	235.00	2000	0.40

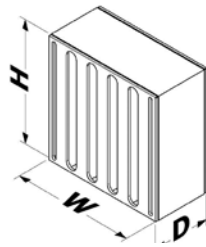
MVHHT SERIES

HIGH TEMPERATURE FILTERS

Media	Micro Glass Fiber
Separators	Micro Glass Fiber Strip
Frame	Stainless Steel or Galvanized Steel
Sealant	Silicone
Temperature Max	Max. 500°F
Final Pressure Drop	2.4" w. g.
Protection Grid	Both Sides

Applications

- Air conditioning systems
- Industrial processes



 **500°F**

Part Number	Class	Nominal Size			Actual Size			Media Area (sq.ft)	Air Flow (cfm)	Pressure Drop (inches w. g.)
		Height (inch)	Width (inch)	Depth (inch)	Height (inch)	Width (inch)	Depth (inch)			
MVHHT-610/610/292-5/6-7SN2SG	MERV 13	24	24	12	24.00	24.00	11.50	236	2000	0.34
MVHHT-610/610/292-5/6-8SN2SG	MERV 14	24	24	12	24.00	24.00	11.50	236	2000	0.36
MVHHT-610/610/292-5/6-9SN2SG	MERV 15	24	24	12	24.00	24.00	11.50	236	2000	0.44
MVHHT-610/610/292-5/6-10SN2SG	MERV 16	24	24	12	24.00	24.00	11.50	236	1470	0.34
MVHHT-610/610/292-5/6-13SN2SG	99.99% @ 0.3 μm	24	24	12	24.00	24.00	11.50	236	1470	0.96
MVHHT-610/610/292-5/6-14SN2SG	99.999% @ 0.3 μm	24	24	12	24.00	24.00	11.50	236	1470	1.04

▶ MPHT SERIES 1.6"-3" DEEP FRAME

HIGH TEMPERATURE FILTERS ◀

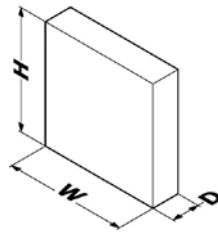
Media	Micro Glass Fiber
Frame	Extruded Aluminium
Final Pressure Drop	1.5" w. g.
Operating Temperature	662°F
Gasket	High Temperature Gasket
Protection Grid	Grid Perforated Aluminium
Separators	Glass Fiber Strip

Applications

- Painting ovens

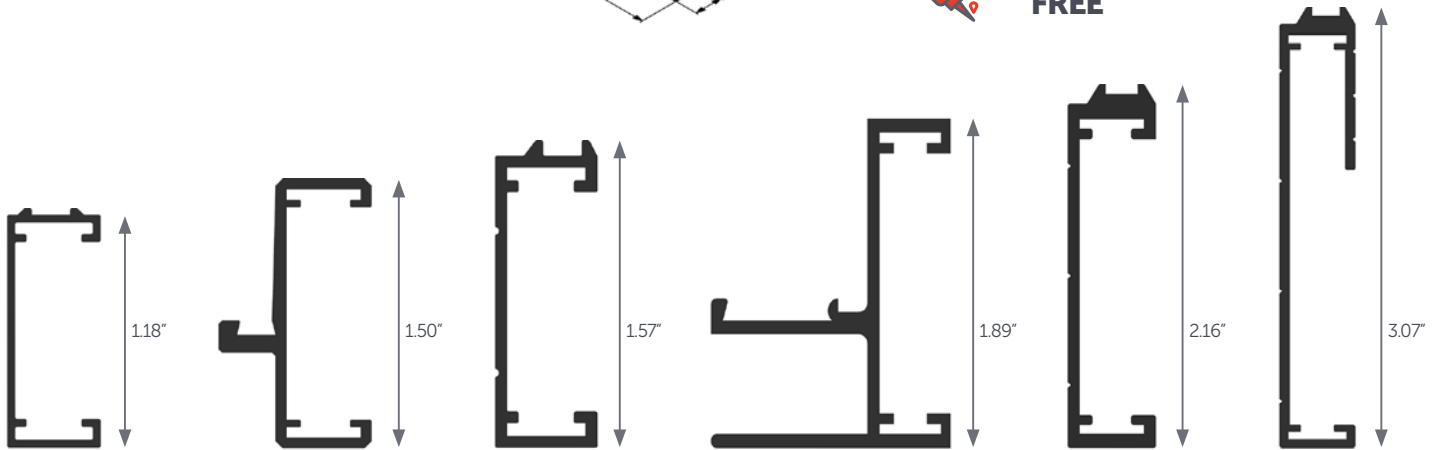
Advantages

- High efficiency
- Energy saver



662°F

SILICONE FREE



Part Number	ASHRAE 52.2	Nominal Size			Actual Size			Media Area (sq.ft)	Air Flow (cfm)	Pressure Drop (inches w. g.)
		Height (inch)	Width (inch)	Depth (inch)	Height (inch)	Width (inch)	Depth (inch)			
MPHT-480/480/40-6APHD2G	MERV 11	19	19	1.60	18.89	18.89	1.57	35.50	695	0.24
MPHT-610/610/40-6APHD2G	MERV 11	24	24	1.60	24.00	24.00	1.57	58.10	1120	0.24
MPHT-610/915/40-6APHD2G	MERV 11	24	36	1.60	24.00	36.00	1.57	87.10	1680	0.24
MPHT-480/480/55-6APHD2G	MERV 11	19	19	2.16	18.89	18.89	2.16	49.50	910	0.36
MPHT-610/610/55-6APHD2G	MERV 11	24	24	2.16	24.00	24.00	2.16	80.70	1500	0.36
MPHT-610/915/55-6APHD2G	MERV 11	24	36	2.16	24.00	36.00	2.16	121.10	2200	0.36
MPHT-480/480/78-6APHD2G	MERV 11	19	19	3.10	18.89	18.89	3.07	49.50	910	0.36
MPHT-610/610/78-6APHD2G	MERV 11	24	24	3.10	24.00	24.00	3.07	80.70	1500	0.36
MPHT-610/915/78-6APHD2G	MERV 11	24	36	3.10	24.00	36.00	3.07	121.00	2200	0.36

Part Number	ASHRAE 52.2	Nominal Size			Actual Size			Media Area (sq.ft)	Air Flow (cfm)	Pressure Drop (inches w. g.)
		Height (inch)	Width (inch)	Depth (inch)	Height (inch)	Width (inch)	Depth (inch)			
MPHT-480/480/40-8APHD2G	MERV 14	19	19	1.60	18.89	18.89	1.57	35.50	582	0.40
MPHT-610/610/40-8APHD2G	MERV 14	24	24	1.60	24.00	24.00	1.57	58.10	940	0.40
MPHT-610/915/40-8APHD2G	MERV 14	24	36	1.60	24.00	36.00	1.57	87.10	1400	0.40
MPHT-480/480/55-8APHD2G	MERV 14	19	19	2.16	18.89	18.89	2.16	49.50	730	0.40
MPHT-610/610/55-8APHD2G	MERV 14	24	24	2.16	24.00	24.00	2.16	80.70	1170	0.40
MPHT-610/915/55-8APHD2G	MERV 14	24	36	2.16	24.00	36.00	2.16	121.10	1750	0.40
MPHT-480/480/78-8APHD2G	MERV 14	19	19	3.10	18.89	18.89	3.10	49.50	730	0.40
MPHT-610/610/78-8APHD2G	MERV 14	24	24	3.10	24.00	24.00	3.10	80.70	1170	0.40
MPHT-610/915/78-8APHD2G	MERV 14	24	36	3.10	24.00	36.00	3.10	121.00	1750	0.40

MASHT SERIES 12" DEEP FRAME

HIGH TEMPERATURE FILTERS

Media	Glassfiber
Frame	Galvanized Steel
Seperators	Corrugated Aluminium
Final Pressure Drop	1.5" w. g.
Operating Temperature	500°F
Gasket	High Temperature Gasket
Header Thickness	0.78" (1H: Single Header 2H: Double Header)

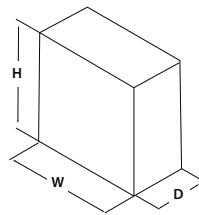


Applications

- Automotive industry

Advantages

- High efficiency
- High surface area



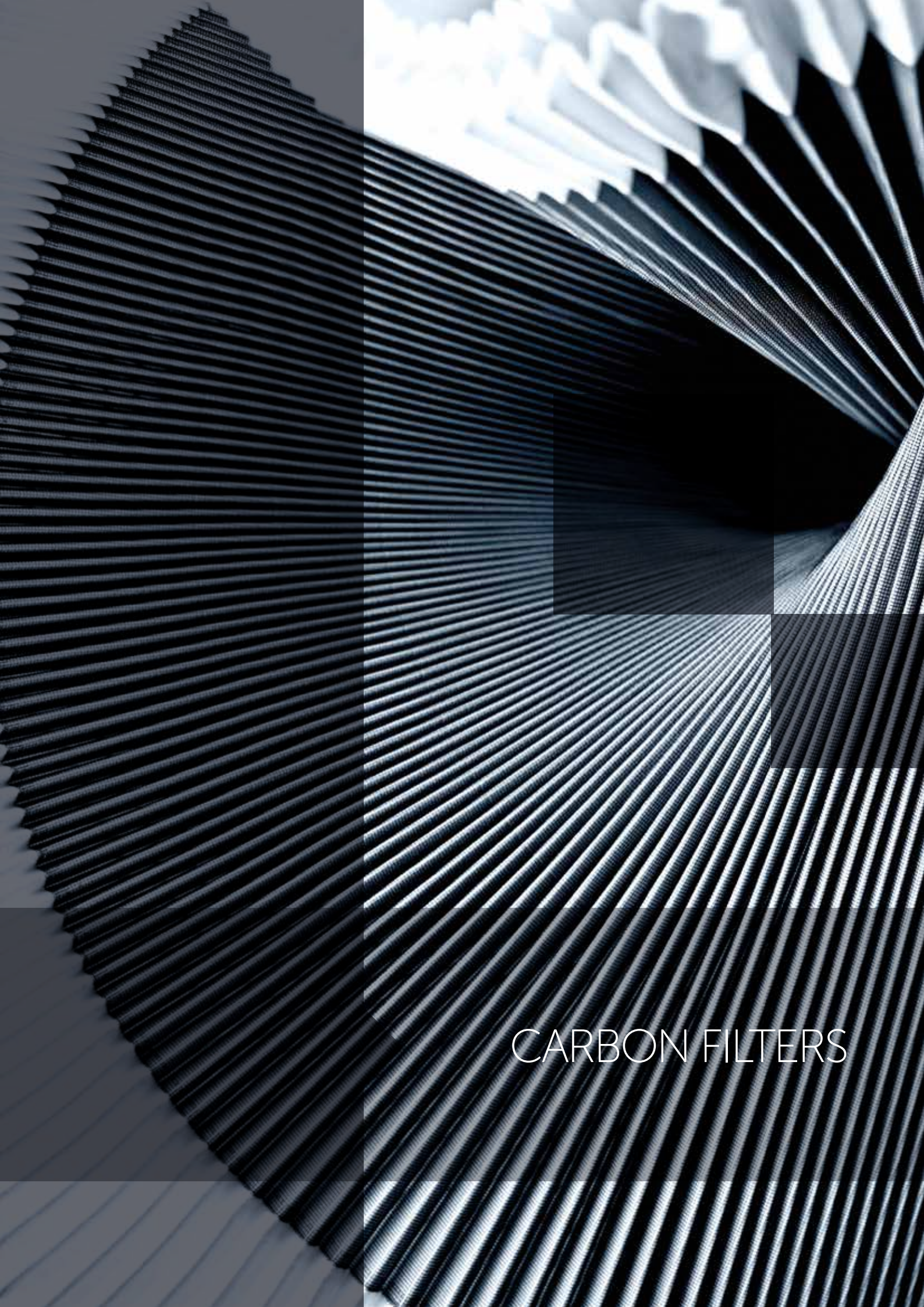
Part Number	ASHRAE 52.2	Nominal Size			Actual Size			Media Area (sq.ft)	Air Flow (cfm)	Pressure Drop (inches w. g.)
		Height (inch)	Width (inch)	Depth (inch)	Height (inch)	Width (inch)	Depth (inch)			
MASHT-287/592/292-6GHD2G-1H20	MERV 11	12	24	12	11.30	23.30	11.50	48.40	1000	0.48
MASHT-592/592/292-6GHD2G-1H20	MERV 11	24	24	12	23.30	23.30	11.50	96.80	2000	0.48
MASHT-287/592/292-6GHD2G-1H20-6	MERV 11	12	24	12	11.30	23.30	11.50	64.50	1000	0.48
MASHT-592/592/292-6GHD2G-1H20-12	MERV 11	24	24	12	23.30	23.30	11.50	129.10	2000	0.48
MASHT-305/610/292-6GHD2G	MERV 11	12	24	12	12.00	24.00	11.50	64.50	1250	0.60
MASHT-610/610/292-6GHD2G	MERV 11	24	24	12	24.00	24.00	11.50	129.10	2500	0.60
MASHT-305/610/292-6GHD2G-7	MERV 11	12	24	12	12.00	24.00	11.50	75.30	1250	0.60
MASHT-610/610/292-6GHD2G-14	MERV 11	24	24	12	24.00	24.00	11.50	150.60	2500	0.60
MASHT-287/592/292-8GHD2G-1H20	MERV 14	12	24	12	11.30	23.30	11.50	48.40	1000	0.60
MASHT-592/592/292-8GHD2G-1H20	MERV 14	24	24	12	23.30	23.30	11.50	96.80	2000	0.60
MASHT-287/592/292-8GHD2G-1H20-6	MERV 14	12	24	12	11.30	23.30	11.50	64.50	1000	0.60
MASHT-592/592/292-8GHD2G-1H20-12	MERV 14	24	24	12	23.30	23.30	11.50	129.10	2000	0.60
MASHT-305/610/292-8GHD2G	MERV 14	12	24	12	12.00	24.00	11.50	64.50	1250	0.68
MASHT-610/610/292-8GHD2G	MERV 14	24	24	12	24.00	24.00	11.50	129.10	2500	0.68
MASHT-305/610/292-8GHD2G-7	MERV 14	12	24	12	12.00	24.00	11.50	75.30	1250	0.68
MASHT-610/610/292-8GHD2G-14	MERV 14	24	24	12	24.00	24.00	11.50	150.60	2500	0.68



05

CARBON FILTERS

MV-ACP SERIES	64
MV-ACX SERIES	65
ACTIVATED CARBON V CELL FILTERS	66
ACTIVATED CARBON PANEL FILTERS	66
ACTIVATED CARBON CARTRIDGES	67
ACTIVATED CARBON HOUSINGS	67



CARBON FILTERS

MV-ACP SERIES

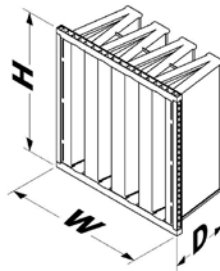
Media	Activated Carbon between Layers of Synthetic Media
Media Weight	0,092 lb/ft ²
Total Weight	7,93 lb
Frame	ABS
Final Pressure Drop	1.5" w. g.
Operating Temperature	90°F
Gasket	Optional
Sealant	Polyurethane
Header Thickness	3/4" or 1"

Applications

- Deodorization and purification of gaseous pollutants

Advantages

- High air flow



Part Number	ASHRAE 52.2	Nominal Size			Actual Size			Media Area (sq.ft)	Air Flow (cfm)	Pressure Drop (inches w. g.)
		Height (inch)	Width (inch)	Depth (inch)	Height (inch)	Width (inch)	Depth (inch)			
MV-ACP-01	-	24	12	12	23.3	11.5	11.50	43	1000	0.30
MV-ACP-02	-	24	20	12	23.3	19.3	11.50	70	1650	0.30
MV-ACP-03	-	24	24	12	23.3	23.3	11.50	86	2000	0.30
MV-F7SMAC-01	MERV 13	24	12	12	23.3	11.5	11.50	43	1000	0.48
MV-F7SMAC-02	MERV 13	24	20	12	23.3	19.3	11.50	70	1650	0.48
MV-F7SMAC-03	MERV 13	24	24	12	23.3	23.3	11.50	86	2000	0.48

MV-ACX SERIES

CARBON FILTERS

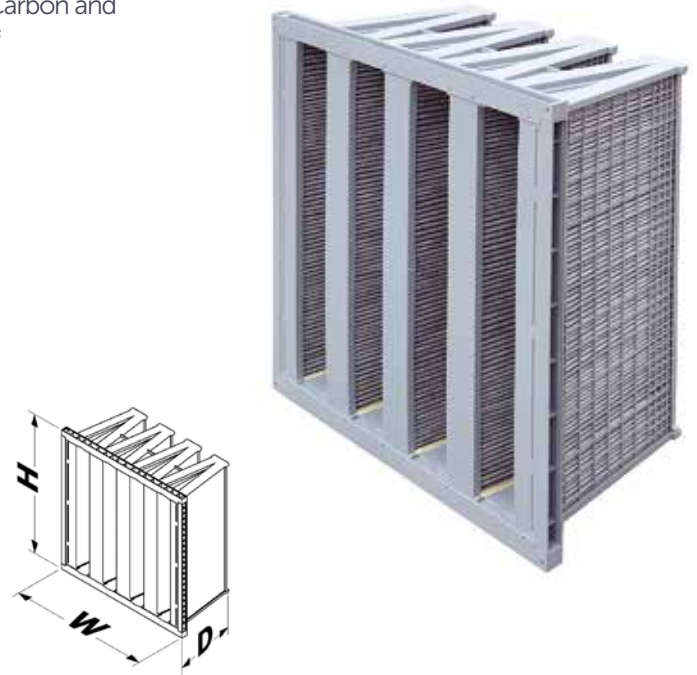
Media	Blended media of Activated Carbon and Potassium between Layers of Synthetic Media
Media Weight	0,087 lb/ft ²
Frame	ABS
Final Pressure Drop	1.5" w. g.
Operating Temperature	90°F
Gasket	Optional
Sealant	Polyurethane
Header Thickness	3/4" or 1"
Relative Humidity	70% max.

Applications

- Museums, art galleries, libraries etc.

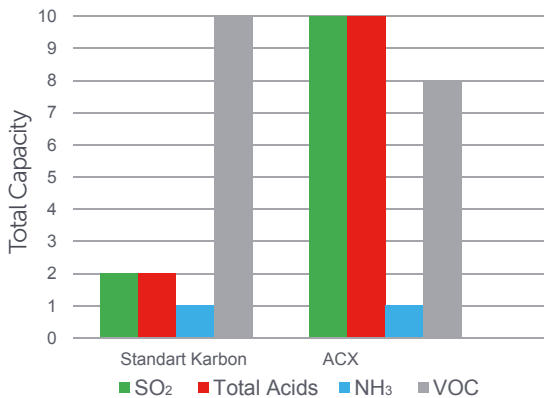
Advantages

- High air flow

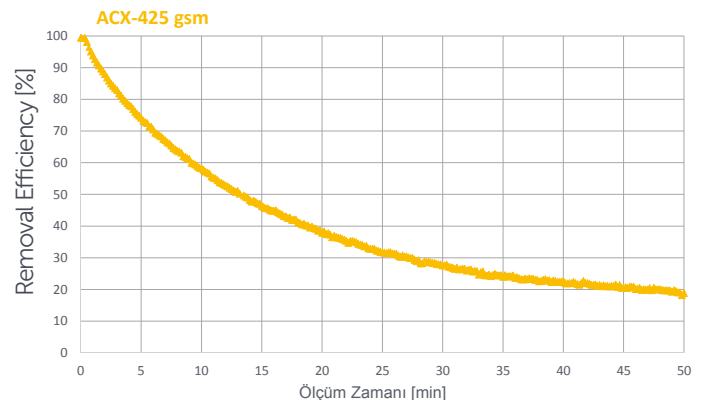


Part Number	ASHRAE 52.2	Nominal Size			Actual Size			Media Area (sq.ft)	Air Flow (cfm)	Pressure Drop (inches w. g.)
		Height (inch)	Width (inch)	Depth (inch)	Height (inch)	Width (inch)	Depth (inch)			
MV-ACX-01	-	24	12	12	23.3	11.5	11.50	43	1000	0.30
MV-ACX-02	-	24	20	12	23.3	19.3	11.50	70	1650	0.30
MV-ACX-03	-	24	24	12	23.3	23.3	11.50	86	2000	0.30
MV-F7SMACX-01	MERV 13	24	12	12	23.3	11.5	11.50	43	1000	0.48
MV-F7SMACX-02	MERV 13	24	20	12	23.3	19.3	11.50	70	1650	0.48
MV-F7SMACX-03	MERV 13	24	24	12	23.3	23.3	11.50	86	2000	0.48

Total capacity values depending on type of impregnation



ACX Carbon media test - tracer gas SO₂
concentration: 30ppm 10cm/s conditions: 23°C, 50% rF



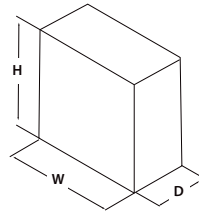
▶ ACTIVATED CARBON V CELL FILTERS

CARBON FILTERS ◀

Carbon Type	ACG
Material	Galvanized Steel
RH. Max	70%
Max Temperature	104°F
Sealant	Polyurethane

Applications

- Absorption of odors and gases



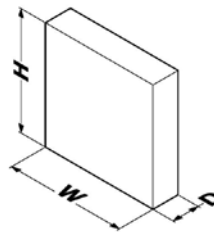
Part Number	Nominal Size			Actual Size			Min. Contact Time (s)	Air Flow (cfm)	Pressure Drop (inches w. g.)
	Height (inch)	Width (inch)	Depth (inch)	Height (inch)	Width (inch)	Depth (inch)			
MV-305/610/292-3/4-ACG	12	24	12	12	24	11.5	0.2	588	0.48
MV-610/610/292-5/6-ACG	24	24	12	24	24	11.5	0.2	1177	0.48

▶ ACTIVATED CARBON PANEL FILTERS

Carbon Type	ACG
Material	Galvanized Steel
RH. Max	70%
Max Temperature	104°F
Sealant	Polyurethane

Applications

- Absorption of odors and gases



Part Number	Nominal Size			Actual Size			Min. Contact Time (s)	Air Flow (cfm)	Pressure Drop (inches w. g.)
	Height (inch)	Width (inch)	Depth (inch)	Height (inch)	Width (inch)	Depth (inch)			
MSKP-305/610/25-ACG	12	24	1	12	24	0.98	0.2	68	0.2
MSKP-610/610/25-ACG	24	24	1	24	24	0.98	0.2	194	0.2

▶ ACTIVATED CARBON CARTRIDGES

CARBON FILTERS ◀

Filter Part Name	MHA 165-450-ACG
Carbon Type	ACG
Material	Galvanized Steel with Epoxy Paint
Gasket	Epdm
Amount of Carbon	~8.818 lb
RH. Max	70%
Max Temperature	104°F

Applications

- Absorption of odors and gases

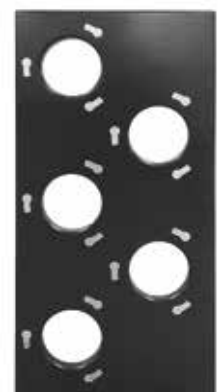


▶ ACTIVATED CARBON HOUSINGS

Part Name	MACT-605/605/37
Material	Galvanized Steel with Epoxy Paint
Number of Cartridge	9
Air Flow	2000 cfm
Pressure Drop	0.60" w. g.
Weight of Housing	15.432 lb



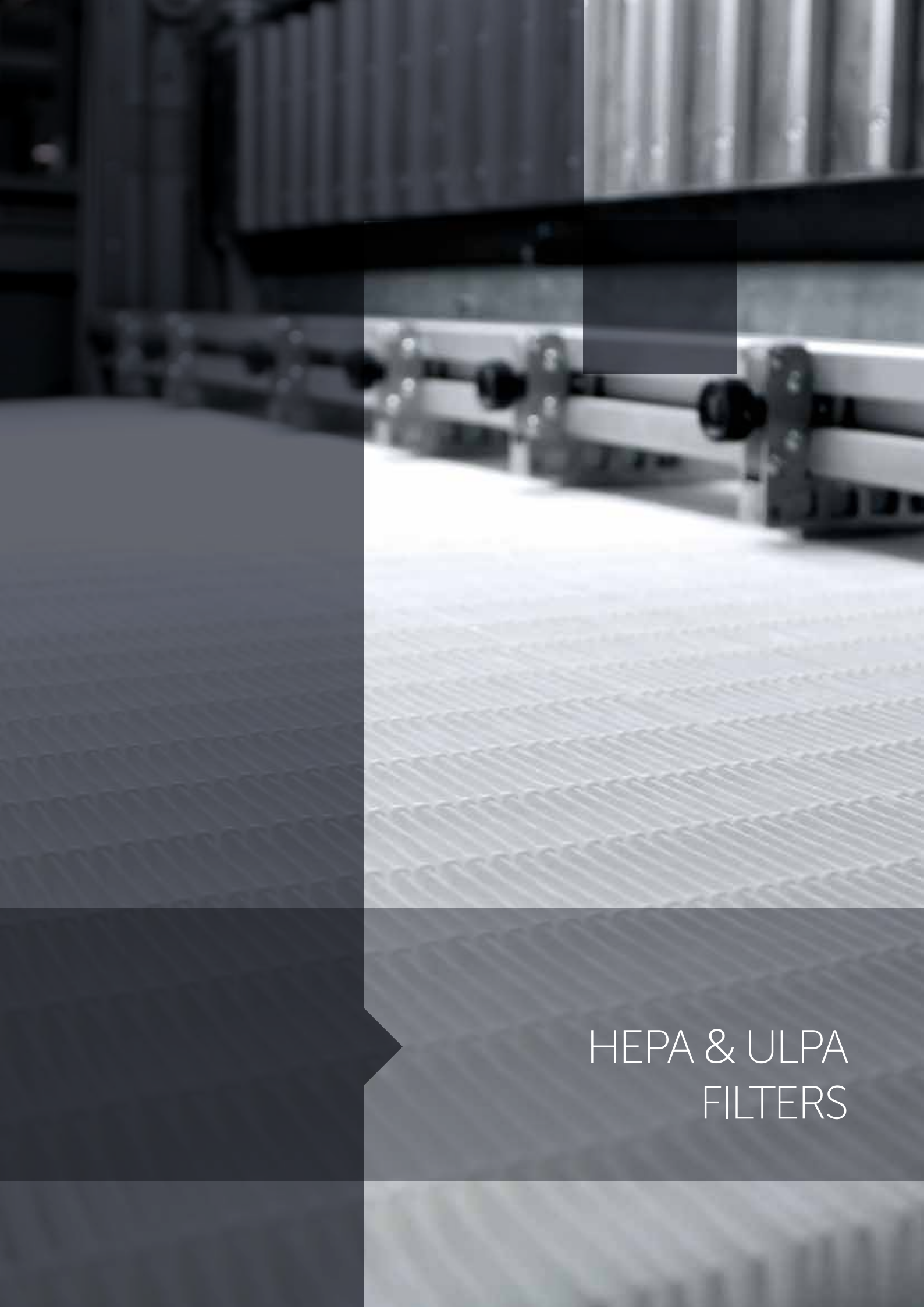
Part Name	MACT-300/605/37
Material	Galvanized Steel with Epoxy Paint
Number of Cartridge	5
Air Flow	1000 cfm
Pressure Drop	0.60" w. g.
Weight of Housing	7.716 lb



06

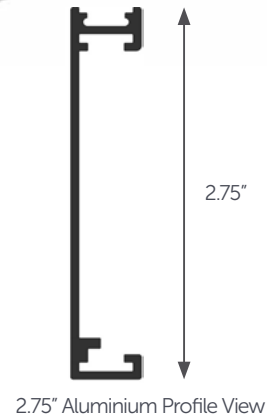
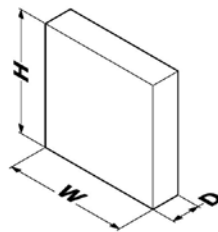
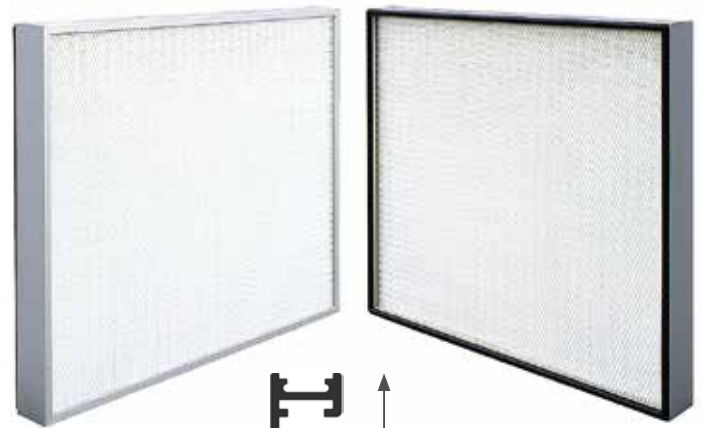
HEPA & ULPA FILTERS

HFN SERIES ALUMINIUM PROFILE 2.75" DEEP FRAME	70
HFN SERIES ALUMINIUM PROFILE 3.07" DEEP FRAME	72
HFN SERIES MDF 3.07" DEEP FRAME	74
HFN SERIES GEL SEAL 2.87" DEEP FRAME	76
HFN SERIES GEL SEAL 3.15" DEEP FRAME	78
HFP SERIES GEL SEAL 3.46" DEEP FRAME	80
HFP SERIES GEL SEAL 4.09" DEEP FRAME	82
HFP SERIES ALUMINIUM PROFILE 3.54" DEEP FRAME	84
HFN SERIES ALUMINIUM PROFILE 5.90" DEEP FRAME	86
HFN SERIES MDF 5.90" DEEP FRAME	88
HFP SERIES ALUMINIUM PROFILE 5.90" DEEP FRAME	90
HFP SERIES MDF 5.90" DEEP FRAME	92
HFS SERIES ALUMINIUM PROFILE 4.33" DEEP FRAME	94
HFS SERIES ALUMINIUM PROFILE 5.90" DEEP FRAME	96
HFS SERIES MDF 5.90" DEEP FRAME	98
HFH SERIES MDF 11.5" DEEP FRAME	100
HFH SERIES SHEET METAL 11.5" DEEP FRAME	102
HFX SERIES MDF 11.5" DEEP FRAME	103
HFX SERIES SHEET METAL 11.5" DEEP FRAME	104
MV HEPA SERIES PLASTIC 11.5" DEEP FRAME	105
MVH SERIES PLASTIC 11.5" DEEP FRAME	106
MVH SERIES METAL MAX. FLOW 11.5" DEEP FRAME	107
MVH SERIES GEL SEAL 11.5" DEEP FRAME	108
MHH SERIES MICRO HOOD FILTER 5" DEEP FRAME	110
MHH SERIES MICRO HOOD FILTER 6" DEEP FRAME	111



HEPA & ULPA
FILTERS

Media	Micro Glass Fiber
Frame	Extruded Anodized Aluminium
Final Pressure Drop	2.4" w.g.
Operating Temperature	176°F
Filter Efficiency	95% @ 0.3µm - 99.9995% @ MPPS
Gasket	Half Round Endless Polyurethane
Protection Grids	Painted Aluminium on Both Sides
Separators	Hotmelt



Applications

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

Part Number	Nominal Size			Actual Size			Media Area (sq.ft)	Air Flow (cfm)	Pressure Drop (inches w. g.)
	Height (inch)	Width (inch)	Depth (inch)	Height (inch)	Width (inch)	Depth (inch)			

► 95% @ 0.3µm

HFN-305/305/70-10APD2G	12	12	3	12.00	12.00	2.75	28.00	90	0.20
HFN-305/610/70-10APD2G	12	24	3	12.00	24.01	2.75	56.00	180	0.20
HFN-457/610/70-10APD2G	18	24	3	17.99	24.01	2.75	84.00	265	0.20
HFN-610/610/70-10APD2G	24	24	3	24.01	24.01	2.75	112.00	360	0.20
HFN-610/1220/70-10APD2G	24	48	3	24.01	48.03	2.75	224.00	720	0.20
HFN-610/1830/70-10APD2G	24	72	3	24.01	72.04	2.75	336.00	1080	0.20

► 99.95% @ MPPS

HFN-305/305/70-13APD2G	12	12	3	12.00	12.00	2.75	28.00	90	0.44
HFN-305/610/70-13APD2G	12	24	3	12.00	24.01	2.75	56.00	180	0.44
HFN-457/610/70-13APD2G	18	24	3	17.99	24.01	2.75	84.00	265	0.44
HFN-610/610/70-13APD2G	24	24	3	24.01	24.01	2.75	112.00	360	0.44
HFN-610/1220/70-13APD2G	24	48	3	24.01	48.03	2.75	224.00	720	0.44
HFN-610/1830/70-13APD2G	24	72	3	24.01	72.04	2.75	336.00	1080	0.44

Part Number	Nominal Size			Actual Size			Media Area (sq.ft)	Air Flow (cfm)	Pressure Drop (inches w. g.)
	Height (inch)	Width (inch)	Depth (inch)	Height (inch)	Width (inch)	Depth (inch)			

▶ 99.995% @ MPPS

HFN-305/305/70-14APD2G	12	12	3	12.00	12.00	2.75	28.00	90	0.48
HFN-305/610/70-14APD2G	12	24	3	12.00	24.01	2.75	56.00	180	0.48
HFN-457/610/70-14APD2G	18	24	3	17.99	24.01	2.75	84.00	265	0.48
HFN-610/610/70-14APD2G	24	24	3	24.01	24.01	2.75	112.00	360	0.48
HFN-610/1220/70-14APD2G	24	48	3	24.01	48.03	2.75	224.00	720	0.48
HFN-610/1830/70-14APD2G	24	72	3	24.01	72.04	2.75	336.00	1080	0.48

▶ 99.9995% @ MPPS

HFN-305/305/70-15APD2G	12	12	3	12.00	12.00	2.75	28.00	90	0.56
HFN-305/610/70-15APD2G	12	24	3	12.00	24.01	2.75	56.00	180	0.56
HFN-457/610/70-15APD2G	18	24	3	17.99	24.01	2.75	84.00	265	0.56
HFN-610/610/70-15APD2G	24	24	3	24.01	24.01	2.75	112.00	360	0.56
HFN-610/1220/70-15APD2G	24	48	3	24.01	48.03	2.75	224.00	720	0.56
HFN-610/1830/70-15APD2G	24	72	3	24.01	72.04	2.75	336.00	1080	0.56

▶ HFN SERIES ALUMINIUM PROFILE 3.07" DEEP FRAME

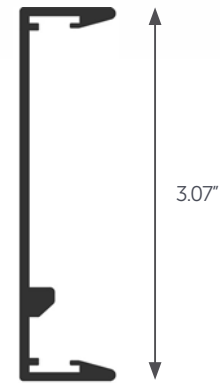
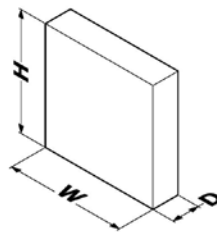
HEPA & ULPA FILTERS ◀

Media	Micro Glass Fiber
Frame	Extruded Anodized Aluminium
Final Pressure Drop	2.4" w.g.
Operating Temperature	176°F
Filter Efficiency	95% @ 0.3µm - 99.9995% @ MPPS
Gasket	Flat Neoprene
Protection Grids	Painted Aluminium on Both Sides
Separators	Hotmelt



Applications

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



3.07" Aluminium Profile View

Part Number	Nominal Size			Actual Size			Media Area (sq.ft)	Air Flow (cfm)	Pressure Drop (inches w. g.)
	Height (inch)	Width (inch)	Depth (inch)	Height (inch)	Width (inch)	Depth (inch)			

▶ 95% @ 0.3µm

HFN-305/305/78-10APD2G	12	12	3	12.00	12.00	3.07	28.00	90	0.20
HFN-305/610/78-10APD2G	12	24	3	12.00	24.01	3.07	56.00	180	0.20
HFN-457/610/78-10APD2G	18	24	3	17.99	24.01	3.07	84.00	265	0.20
HFN-610/610/78-10APD2G	24	24	3	24.01	24.01	3.07	112.00	360	0.20
HFN-610/1220/78-10APD2G	24	48	3	24.01	48.03	3.07	224.00	720	0.20
HFN-610/1830/78-10APD2G	24	72	3	24.01	72.04	3.07	336.00	1080	0.20

▶ 99.95% @ MPPS

HFN-305/305/78-13APD2G	12	12	3	12.00	12.00	3.07	28.00	90	0.44
HFN-305/610/78-13APD2G	12	24	3	12.00	24.01	3.07	56.00	180	0.44
HFN-457/610/78-13APD2G	18	24	3	17.99	24.01	3.07	84.00	265	0.44
HFN-610/610/78-13APD2G	24	24	3	24.01	24.01	3.07	112.00	360	0.44
HFN-610/1220/78-13APD2G	24	48	3	24.01	48.03	3.07	224.00	720	0.44
HFN-610/1830/78-13APD2G	24	72	3	24.01	72.04	3.07	336.00	1080	0.44

Part Number	Nominal Size			Actual Size			Media Area (sq.ft)	Air Flow (cfm)	Pressure Drop (inches w. g.)
	Height (inch)	Width (inch)	Depth (inch)	Height (inch)	Width (inch)	Depth (inch)			

▶ 99.995% @ MPPS

HFN-305/305/78-14APD2G	12	12	3	12.00	12.00	3.07	28.00	90	0.48
HFN-305/610/78-14APD2G	12	24	3	12.00	24.01	3.07	56.00	180	0.48
HFN-457/610/78-14APD2G	18	24	3	17.99	24.01	3.07	84.00	265	0.48
HFN-610/610/78-14APD2G	24	24	3	24.01	24.01	3.07	112.00	360	0.48
HFN-610/1220/78-14APD2G	24	48	3	24.01	48.03	3.07	224.00	720	0.48
HFN-610/1830/78-14APD2G	24	72	3	24.01	72.04	3.07	336.00	1080	0.48

▶ 99.9995% @ MPPS

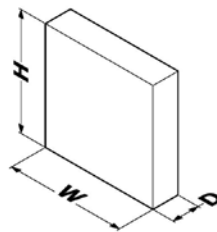
HFN-305/305/78-15APD2G	12	12	3	12.00	12.00	3.07	28.00	90	0.56
HFN-305/610/78-15APD2G	12	24	3	12.00	24.01	3.07	56.00	180	0.56
HFN-457/610/78-15APD2G	18	24	3	17.99	24.01	3.07	84.00	265	0.56
HFN-610/610/78-15APD2G	24	24	3	24.01	24.01	3.07	112.00	360	0.56
HFN-610/1220/78-15APD2G	24	48	3	24.01	48.03	3.07	224.00	720	0.56
HFN-610/1830/78-15APD2G	24	72	3	24.01	72.04	3.07	336.00	1080	0.56

Media	Micro Glass Fiber
Frame	MDF
Final Pressure Drop	2.4" w.g.
Operating Temperature	176°F
Filter Efficiency	95% @ 0.3µm - 99.999% @ 0.3µm
Gasket	Flat Neoprene or Half Round Endless Polyurethane
Protection Grids	Optional
Separators	Hotmelt



Applications

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



Part Number	Nominal Size			Actual Size			Media Area (sq.ft)	Air Flow (cfm)	Pressure Drop (inches w. g.)
	Height (inch)	Width (inch)	Depth (inch)	Height (inch)	Width (inch)	Depth (inch)			

▶ 95% @ 0.3µm

HFN-305/305/78-10PD	12	12	3	12.00	12.00	3.07	28.00	412	1.0
HFN-305/610/78-10PD	12	24	3	12.00	24.01	3.07	56.00	824	1.0
HFN-457/610/78-10PD	18	24	3	17.99	24.01	3.07	84.00	1236	1.0
HFN-610/610/78-10PD	24	24	3	24.01	24.01	3.07	112.00	1648	1.0
HFN-610/1220/78-10PD	24	48	3	24.01	48.03	3.07	224.00	3296	1.0
HFN-610/1830/78-10PD	24	72	3	24.01	72.04	3.07	336.00	4944	1.0

▶ 99.99% @ 0.3µm

HFN-305/305/78-13PD	12	12	3	12.00	12.00	3.07	28.00	182	1.0
HFN-305/610/78-13PD	12	24	3	12.00	24.01	3.07	56.00	367	1.0
HFN-457/610/78-13PD	18	24	3	17.99	24.01	3.07	84.00	547	1.0
HFN-610/610/78-13PD	24	24	3	24.01	24.01	3.07	112.00	735	1.0
HFN-610/1220/78-13PD	24	48	3	24.01	48.03	3.07	224.00	1471	1.0
HFN-610/1830/78-13PD	24	72	3	24.01	72.04	3.07	336.00	2207	1.0

Part Number	Nominal Size			Actual Size			Media Area (sq.ft)	Air Flow (cfm)	Pressure Drop (inches w. g.)
	Height (inch)	Width (inch)	Depth (inch)	Height (inch)	Width (inch)	Depth (inch)			

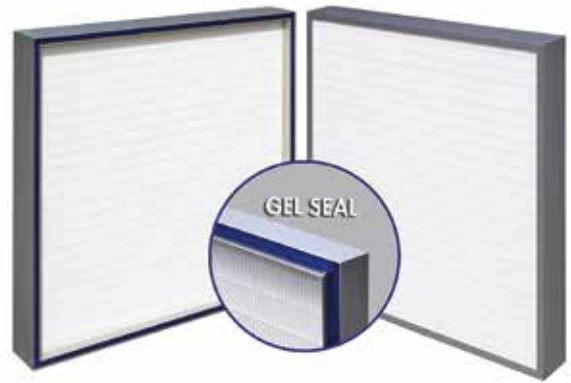
> 99.999% @ 0.3µm

HFN-305/305/78-14PD	12	12	3	12.00	12.00	3.07	28.00	161	1.0
HFN-305/610/78-14PD	12	24	3	12.00	24.01	3.07	56.00	323	1.0
HFN-457/610/78-14PD	18	24	3	17.99	24.01	3.07	84.00	482	1.0
HFN-610/610/78-14PD	24	24	3	24.01	24.01	3.07	112.00	647	1.0
HFN-610/1220/78-14PD	24	48	3	24.01	48.03	3.07	224.00	1294	1.0
HFN-610/1830/78-14PD	24	72	3	24.01	72.04	3.07	336.00	1942	1.0

▶ HFN SERIES GEL SEAL 2.87" DEEP FRAME

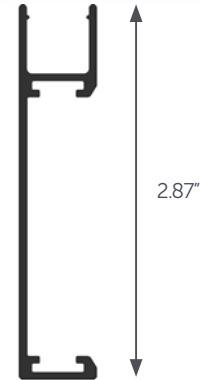
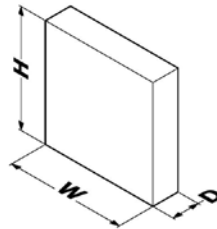
HEPA & ULPA FILTERS ◀

Media	Micro Glass Fiber
Frame	Extruded Anodized Aluminium
Final Pressure Drop	2.4" w.g.
Operating Temperature	176°F
Filter Efficiency	95% @ 0.3µm - 99.9995% @ MPPS
Gasket	Gel
Protection Grids	Painted Aluminium on Both Sides
Separators	Hotmelt



Applications

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



2.87" Aluminium Profile View

Part Number	Nominal Size			Actual Size			Media Area (sq.ft)	Air Flow (cfm)	Pressure Drop (inches w. g.)
	Height (inch)	Width (inch)	Depth (inch)	Height (inch)	Width (inch)	Depth (inch)			

▶ 95% @ 0.3µm

HFN-305/305/73-10APJ2G	12	12	3	12.00	12.00	2.87	28.00	90	0.20
HFN-305/610/73-10APJ2G	12	24	3	12.00	24.01	2.87	56.00	180	0.20
HFN-457/610/73-10APJ2G	18	24	3	17.99	24.01	2.87	84.00	265	0.20
HFN-610/610/73-10APJ2G	24	24	3	24.01	24.01	2.87	112.00	360	0.20
HFN-610/1220/73-10APJ2G	24	48	3	24.01	48.03	2.87	224.00	720	0.20
HFN-610/1830/73-10APJ2G	24	72	3	24.01	72.04	2.87	336.00	1080	0.20

▶ 99.95% @ MPPS

HFN-305/305/73-13APJ2G	12	12	3	12.00	12.00	2.87	28.00	90	0.44
HFN-305/610/73-13APJ2G	12	24	3	12.00	24.01	2.87	56.00	180	0.44
HFN-457/610/73-13APJ2G	18	24	3	17.99	24.01	2.87	84.00	265	0.44
HFN-610/610/73-13APJ2G	24	24	3	24.01	24.01	2.87	112.00	360	0.44
HFN-610/1220/73-13APJ2G	24	48	3	24.01	48.03	2.87	224.00	720	0.44
HFN-610/1830/73-13APJ2G	24	72	3	24.01	72.04	2.87	336.00	1080	0.44

Part Number	Nominal Size			Actual Size			Media Area (sq.ft)	Air Flow (cfm)	Pressure Drop (inches w. g.)
	Height (inch)	Width (inch)	Depth (inch)	Height (inch)	Width (inch)	Depth (inch)			

▶ 99.995% @ MPPS

HFN-305/305/73-14APJ2G	12	12	3	12.00	12.00	2.87	28.00	90	0.48
HFN-305/610/73-14APJ2G	12	24	3	12.00	24.01	2.87	56.00	180	0.48
HFN-457/610/73-14APJ2G	18	24	3	17.99	24.01	2.87	84.00	265	0.48
HFN-610/610/73-14APJ2G	24	24	3	24.01	24.01	2.87	112.00	360	0.48
HFN-610/1220/73-14APJ2G	24	48	3	24.01	48.03	2.87	224.00	720	0.48
HFN-610/1830/73-14APJ2G	24	72	3	24.01	72.04	2.87	336.00	1080	0.48

▶ 99.9995% @ MPPS

HFN-305/305/73-15APJ2G	12	12	3	12.00	12.00	2.87	28.00	90	0.56
HFN-305/610/73-15APJ2G	12	24	3	12.00	24.01	2.87	56.00	180	0.56
HFN-457/610/73-15APJ2G	18	24	3	17.99	24.01	2.87	84.00	265	0.56
HFN-610/610/73-15APJ2G	24	24	3	24.01	24.01	2.87	112.00	360	0.56
HFN-610/1220/73-15APJ2G	24	48	3	24.01	48.03	2.87	224.00	720	0.56
HFN-610/1830/73-15APJ2G	24	72	3	24.01	72.04	2.87	336.00	1080	0.56

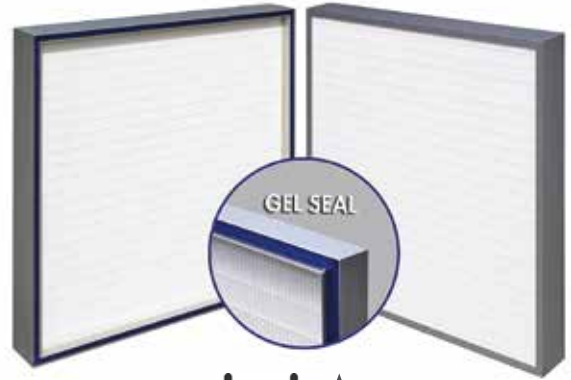
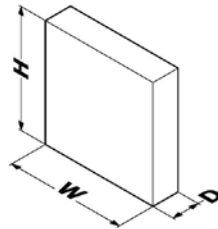
▶ HFN SERIES GEL SEAL 3.15" DEEP FRAME

HEPA & ULPA FILTERS ◀

Media	Micro Glass Fiber
Frame	Extruded Anodized Aluminium
Final Pressure Drop	2.4" w.g.
Operating Temperature	176°F
Filter Efficiency	95% @ 0.3µm - 99.9995% @ MPPS
Gasket	Gel
Protection Grids	Painted Aluminium on Both Sides
Separators	Hotmelt

Applications

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



3.15" Aluminium Profile View

Part Number	Nominal Size			Actual Size			Media Area (sq.ft)	Air Flow (cfm)	Pressure Drop (inches w. g.)
	Height (inch)	Width (inch)	Depth (inch)	Height (inch)	Width (inch)	Depth (inch)			

▶ 95% @ 0.3µm

HFN-305/305/80-10APJ2G	12	12	3.2	12.00	12.00	3.15	28.00	90	0.20
HFN-305/610/80-10APJ2G	12	24	3.2	12.00	24.01	3.15	56.00	180	0.20
HFN-457/610/80-10APJ2G	18	24	3.2	17.99	24.01	3.15	84.00	265	0.20
HFN-610/610/80-10APJ2G	24	24	3.2	24.01	24.01	3.15	112.00	360	0.20
HFN-610/1220/80-10APJ2G	24	48	3.2	24.01	48.03	3.15	224.00	720	0.20
HFN-610/1830/80-10APJ2G	24	72	3.2	24.01	72.04	3.15	336.00	1080	0.20

▶ 99.95% @ MPPS

HFN-305/305/80-13APJ2G	12	12	3.2	12.00	12.00	3.15	28.00	90	0.44
HFN-305/610/80-13APJ2G	12	24	3.2	12.00	24.01	3.15	56.00	180	0.44
HFN-457/610/80-13APJ2G	18	24	3.2	17.99	24.01	3.15	84.00	265	0.44
HFN-610/610/80-13APJ2G	24	24	3.2	24.01	24.01	3.15	112.00	360	0.44
HFN-610/1220/80-13APJ2G	24	48	3.2	24.01	48.03	3.15	224.00	720	0.44
HFN-610/1830/80-13APJ2G	24	72	3.2	24.01	72.04	3.15	336.00	1080	0.44

Part Number	Nominal Size			Actual Size			Media Area (sq.ft)	Air Flow (cfm)	Pressure Drop (inches w. g.)
	Height (inch)	Width (inch)	Depth (inch)	Height (inch)	Width (inch)	Depth (inch)			

▶ 99.995% @ MPPS

HFN-305/305/80-14APJ2G	12	12	3.2	12.00	12.00	3.15	28.00	90	0.48
HFN-305/610/80-14APJ2G	12	24	3.2	12.00	24.01	3.15	56.00	180	0.48
HFN-457/610/80-14APJ2G	18	24	3.2	17.99	24.01	3.15	84.00	265	0.48
HFN-610/610/80-14APJ2G	24	24	3.2	24.01	24.01	3.15	112.00	360	0.48
HFN-610/1220/80-14APJ2G	24	48	3.2	24.01	48.03	3.15	224.00	720	0.48
HFN-610/1830/80-14APJ2G	24	72	3.2	24.01	72.04	3.15	336.00	1080	0.48

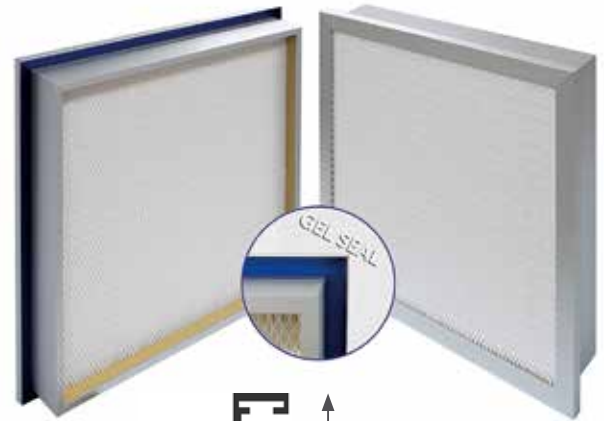
▶ 99.9995% @ MPPS

HFN-305/305/80-15APJ2G	12	12	3.2	12.00	12.00	3.15	28.00	90	0.56
HFN-305/610/80-15APJ2G	12	24	3.2	12.00	24.01	3.15	56.00	180	0.56
HFN-457/610/80-15APJ2G	18	24	3.2	17.99	24.01	3.15	84.00	265	0.56
HFN-610/610/80-15APJ2G	24	24	3.2	24.01	24.01	3.15	112.00	360	0.56
HFN-610/1220/80-15APJ2G	24	48	3.2	24.01	48.03	3.15	224.00	720	0.56
HFN-610/1830/80-15APJ2G	24	72	3.2	24.01	72.04	3.15	336.00	1080	0.56

HFP SERIES GEL SEAL 3.46" DEEP FRAME

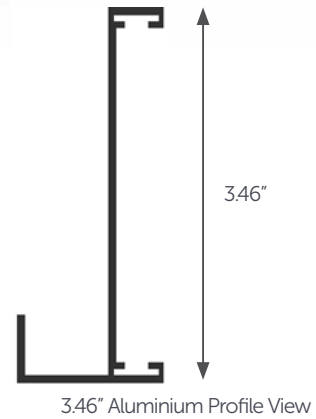
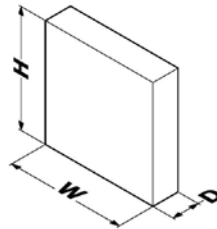
HEPA & ULPA FILTERS

Media	Micro Glass Fiber
Frame	Extruded Anodized Aluminium
Final Pressure Drop	2.4" w.g.
Operating Temperature	176°F
Filter Efficiency	95% @ 0.3µm - 99.9995% @ MPPS
Gasket	Gel
Protection Grids	Painted Aluminium on Both Sides
Separators	Hotmelt



Applications

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



Part Number	Nominal Size			Actual Size			Media Area (sq.ft)	Air Flow (cfm)	Pressure Drop (inches w. g.)
	Height (inch)	Width (inch)	Depth (inch)	Height (inch)	Width (inch)	Depth (inch)			

► 95% @ 0.3µm

HFP-305/305/88-10APJ2G	12	12	3.5	12.00	12.00	3.46	33.00	90	0.14
HFP-305/610/88-10APJ2G	12	24	3.5	12.00	24.01	3.46	66.00	180	0.14
HFP-457/610/88-10APJ2G	18	24	3.5	17.99	24.01	3.46	101.00	265	0.14
HFP-610/610/88-10APJ2G	24	24	3.5	24.01	24.01	3.46	134.00	360	0.14
HFP-610/1220/88-10APJ2G	24	48	3.5	24.01	48.03	3.46	269.00	720	0.14
HFP-610/1830/88-10APJ2G	24	72	3.5	24.01	72.04	3.46	403.00	1080	0.14

► 99.95% @ MPPS

HFP-305/305/88-13APJ2G	12	12	3.5	12.00	12.00	3.46	33.00	90	0.36
HFP-305/610/88-13APJ2G	12	24	3.5	12.00	24.01	3.46	66.00	180	0.36
HFP-457/610/88-13APJ2G	18	24	3.5	17.99	24.01	3.46	101.00	265	0.36
HFP-610/610/88-13APJ2G	24	24	3.5	24.01	24.01	3.46	134.00	360	0.36
HFP-610/1220/88-13APJ2G	24	48	3.5	24.01	48.03	3.46	269.00	720	0.36
HFP-610/1830/88-13APJ2G	24	72	3.5	24.01	72.04	3.46	403.00	1080	0.36

Part Number	Nominal Size			Actual Size			Media Area (sq.ft)	Air Flow (cfm)	Pressure Drop (inches w. g.)
	Height (inch)	Width (inch)	Depth (inch)	Height (inch)	Width (inch)	Depth (inch)			

▶ 99.995% @ MPPS

HFP-305/305/88-14APJ2G	12	12	3.5	12.00	12.00	3.46	33.00	90	0.40
HFP-305/610/88-14APJ2G	12	24	3.5	12.00	24.01	3.46	66.00	180	0.40
HFP-457/610/88-14APJ2G	18	24	3.5	17.99	24.01	3.46	101.00	265	0.40
HFP-610/610/88-14APJ2G	24	24	3.5	24.01	24.01	3.46	134.00	360	0.40
HFP-610/1220/88-14APJ2G	24	48	3.5	24.01	48.03	3.46	269.00	720	0.40
HFP-610/1830/88-14APJ2G	24	72	3.5	24.01	72.04	3.46	403.00	1080	0.40

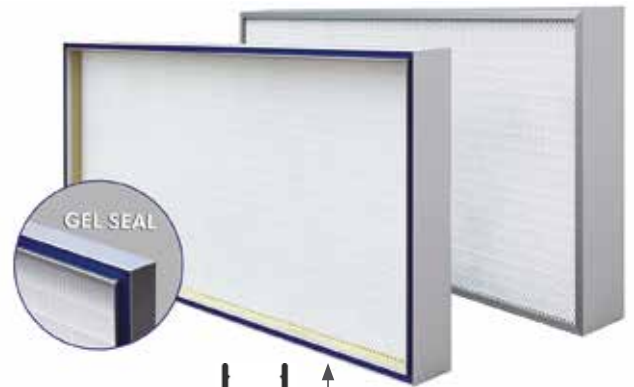
▶ 99.9995% @ MPPS

HFP-305/305/88-15APJ2G	12	12	3.5	12.00	12.00	3.46	33.00	90	0.48
HFP-305/610/88-15APJ2G	12	24	3.5	12.00	24.01	3.46	66.00	180	0.48
HFP-457/610/88-15APJ2G	18	24	3.5	17.99	24.01	3.46	101.00	265	0.48
HFP-610/610/88-15APJ2G	24	24	3.5	24.01	24.01	3.46	134.00	360	0.48
HFP-610/1220/88-15APJ2G	24	48	3.5	24.01	48.03	3.46	269.00	720	0.48
HFP-610/1830/88-15APJ2G	24	72	3.5	24.01	72.04	3.46	403.00	1080	0.48

HFP SERIES GEL SEAL 4.09" DEEP FRAME

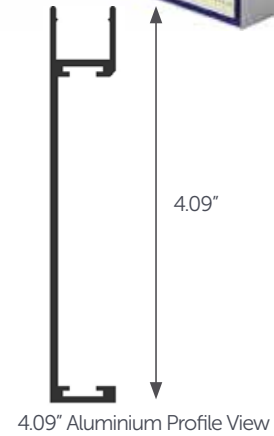
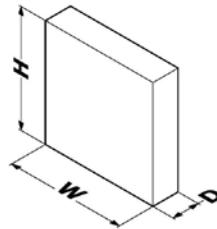
HEPA & ULPA FILTERS

Media	Micro Glass Fiber
Frame	Extruded Anodized Aluminium
Final Pressure Drop	2.4" w.g.
Operating Temperature	176°F
Filter Efficiency	95% @ 0.3µm - 99.9995% @ MPPS
Gasket	Gel
Protection Grids	Painted Aluminium on Both Sides
Separators	Hotmelt



Applications

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



Part Number	Nominal Size			Actual Size			Media Area (sq.ft)	Air Flow (cfm)	Pressure Drop (inches w. g.)
	Height (inch)	Width (inch)	Depth (inch)	Height (inch)	Width (inch)	Depth (inch)			

► 95% @ 0.3µm

HFP-305/305/104-10APJ2G	12	12	4.1	12.00	12.00	4.09	33.00	90	0.14
HFP-305/610/104-10APJ2G	12	24	4.1	12.00	24.01	4.09	66.00	180	0.14
HFP-457/610/104-10APJ2G	18	24	4.1	17.99	24.01	4.09	101.00	265	0.14
HFP-610/610/104-10APJ2G	24	24	4.1	24.01	24.01	4.09	134.00	360	0.14
HFP-610/1220/104-10APJ2G	24	48	4.1	24.01	48.03	4.09	269.00	720	0.14
HFP-610/1830/104-10APJ2G	24	72	4.1	24.01	72.04	4.09	403.00	1080	0.14

► 99.95% @ MPPS

HFP-305/305/104-13APJ2G	12	12	4.1	12.00	12.00	4.09	33.00	90	0.36
HFP-305/610/104-13APJ2G	12	24	4.1	12.00	24.01	4.09	66.00	180	0.36
HFP-457/610/104-13APJ2G	18	24	4.1	17.99	24.01	4.09	101.00	265	0.36
HFP-610/610/104-13APJ2G	24	24	4.1	24.01	24.01	4.09	134.00	360	0.36
HFP-610/1220/104-13APJ2G	24	48	4.1	24.01	48.03	4.09	269.00	720	0.36
HFP-610/1830/104-13APJ2G	24	72	4.1	24.01	72.04	4.09	403.00	1080	0.36

Part Number	Nominal Size			Actual Size			Media Area (sq.ft)	Air Flow (cfm)	Pressure Drop (inches w. g.)
	Height (inch)	Width (inch)	Depth (inch)	Height (inch)	Width (inch)	Depth (inch)			

▶ 99.995% @ MPPS

HFP-305/305/104-14APJ2G	12	12	4.1	12.00	12.00	4.09	33.00	90	0.40
HFP-305/610/104-14APJ2G	12	24	4.1	12.00	24.01	4.09	66.00	180	0.40
HFP-457/610/104-14APJ2G	18	24	4.1	17.99	24.01	4.09	101.00	265	0.40
HFP-610/610/104-14APJ2G	24	24	4.1	24.01	24.01	4.09	134.00	360	0.40
HFP-610/1220/104-14APJ2G	24	48	4.1	24.01	48.03	4.09	269.00	720	0.40
HFP-610/1830/104-14APJ2G	24	72	4.1	24.01	72.04	4.09	403.00	1080	0.40

▶ 99.9995% @ MPPS

HFP-305/305/104-15APJ2G	12	12	4.1	12.00	12.00	4.09	33.00	90	0.48
HFP-305/610/104-15APJ2G	12	24	4.1	12.00	24.01	4.09	66.00	180	0.48
HFP-457/610/104-15APJ2G	18	24	4.1	17.99	24.01	4.09	101.00	265	0.48
HFP-610/610/104-15APJ2G	24	24	4.1	24.01	24.01	4.09	134.00	360	0.48
HFP-610/1220/104-15APJ2G	24	48	4.1	24.01	48.03	4.09	269.00	720	0.48
HFP-610/1830/104-15APJ2G	24	72	4.1	24.01	72.04	4.09	403.00	1080	0.48

- Media** Micro Glass Fiber
- Frame** Extruded Anodized Aluminium
- Final Pressure Drop** 2.4" w.g.
- Operating Temperature** 176°F
- Filter Efficiency** 95% @ 0.3µm - 99.9995% @ MPPS
- Gasket** Half Round Endless Polyurethane
- Protection Grids** Powder Coated Metal on Both Sides
- Separators** Hotmelt

Applications

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



Part Number	Nominal Size			Actual Size			Media Area (sq.ft)	Air Flow (cfm)	Pressure Drop (inches w. g.)
	Height (inch)	Width (inch)	Depth (inch)	Height (inch)	Width (inch)	Depth (inch)			

▶ 95% @ 0.3µm

HFP-305/305/90-10APD2G	12	12	3.6	12.00	12.00	3.54	33.00	90	0.14
HFP-305/610/90-10APD2G	12	24	3.6	12.00	24.01	3.54	66.00	180	0.14
HFP-457/610/90-10APD2G	18	24	3.6	17.99	24.01	3.54	101.00	265	0.14
HFP-610/610/90-10APD2G	24	24	3.6	24.01	24.01	3.54	134.00	360	0.14
HFP-610/1220/90-10APD2G	24	48	3.6	24.01	48.03	3.54	269.00	720	0.14
HFP-610/1830/90-10APD2G	24	72	3.6	24.01	72.04	3.54	403.00	1080	0.14

▶ 99.95% @ MPPS

HFP-305/305/90-13APD2G	12	12	3.6	12.00	12.00	3.54	33.00	90	0.36
HFP-305/610/90-13APD2G	12	24	3.6	12.00	24.01	3.54	66.00	180	0.36
HFP-457/610/90-13APD2G	18	24	3.6	17.99	24.01	3.54	101.00	265	0.36
HFP-610/610/90-13APD2G	24	24	3.6	24.01	24.01	3.54	134.00	360	0.36
HFP-610/1220/90-13APD2G	24	48	3.6	24.01	48.03	3.54	269.00	720	0.36
HFP-610/1830/90-13APD2G	24	72	3.6	24.01	72.04	3.54	403.00	1080	0.36

Part Number	Nominal Size			Actual Size			Media Area (sq.ft)	Air Flow (cfm)	Pressure Drop (inches w. g.)
	Height (inch)	Width (inch)	Depth (inch)	Height (inch)	Width (inch)	Depth (inch)			

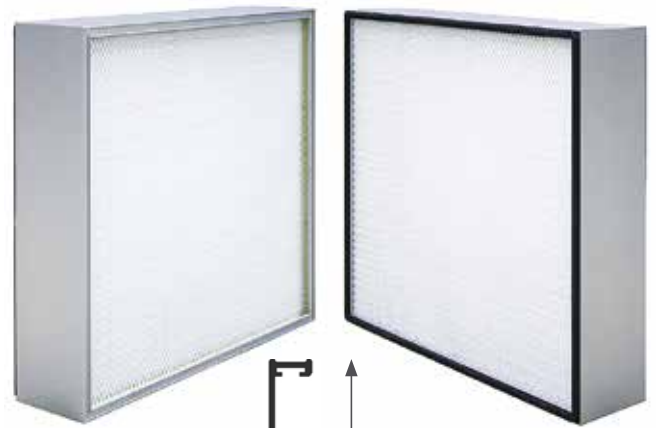
▶ 99.995% @ MPPS

HFP-305/305/90-14APD2G	12	12	3.6	12.00	12.00	3.54	33.00	90	0.40
HFP-305/610/90-14APD2G	12	24	3.6	12.00	24.01	3.54	66.00	180	0.40
HFP-457/610/90-14APD2G	18	24	3.6	17.99	24.01	3.54	101.00	265	0.40
HFP-610/610/90-14APD2G	24	24	3.6	24.01	24.01	3.54	134.00	360	0.40
HFP-610/1220/90-14APD2G	24	48	3.6	24.01	48.03	3.54	269.00	720	0.40
HFP-610/1830/90-14APD2G	24	72	3.6	24.01	72.04	3.54	403.00	1080	0.40

▶ 99.9995% @ MPPS

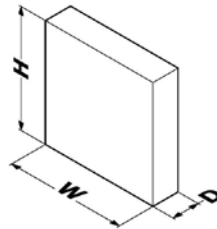
HFP-305/305/90-15APD2G	12	12	3.6	12.00	12.00	3.54	33.00	90	0.48
HFP-305/610/90-15APD2G	12	24	3.6	12.00	24.01	3.54	66.00	180	0.48
HFP-457/610/90-15APD2G	18	24	3.6	17.99	24.01	3.54	101.00	265	0.48
HFP-610/610/90-15APD2G	24	24	3.6	24.01	24.01	3.54	134.00	360	0.48
HFP-610/1220/90-15APD2G	24	48	3.6	24.01	48.03	3.54	269.00	720	0.48
HFP-610/1830/90-15APD2G	24	72	3.6	24.01	72.04	3.54	403.00	1080	0.48

Media	Micro Glass Fiber
Frame	Extruded Anodized Aluminium
Final Pressure Drop	2.4" w.g.
Operating Temperature	176°F
Filter Efficiency	95% @ 0.3µm - 99.9995% @ MPPS
Gasket	Half Round Endless Polyurethane
Protection Grids	Powder Coated Metal on Both Sides
Separators	Hotmelt



Applications

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



5.90" Aluminium Profile View

Part Number	Nominal Size			Actual Size			Media Area (sq.ft)	Air Flow (cfm)	Pressure Drop (inches w. g.)
	Height (inch)	Width (inch)	Depth (inch)	Height (inch)	Width (inch)	Depth (inch)			

▶ 95% @ 0.3µm

HFN-305/305/150-10APD2G	12	12	6	12.00	12.00	5.90	28.00	90	0.20
HFN-305/610/150-10APD2G	12	24	6	12.00	24.01	5.90	56.00	180	0.20
HFN-457/610/150-10APD2G	18	24	6	17.99	24.01	5.90	84.00	265	0.20
HFN-610/610/150-10APD2G	24	24	6	24.01	24.01	5.90	112.00	360	0.20
HFN-610/1220/150-10APD2G	24	48	6	24.01	48.03	5.90	224.00	720	0.20
HFN-610/1830/150-10APD2G	24	72	6	24.01	72.04	5.90	336.00	1080	0.20

▶ 99.95% @ MPPS

HFN-305/305/150-13APD2G	12	12	6	12.00	12.00	5.90	28.00	90	0.44
HFN-305/610/150-13APD2G	12	24	6	12.00	24.01	5.90	56.00	180	0.44
HFN-457/610/150-13APD2G	18	24	6	17.99	24.01	5.90	84.00	265	0.44
HFN-610/610/150-13APD2G	24	24	6	24.01	24.01	5.90	112.00	360	0.44
HFN-610/1220/150-13APD2G	24	48	6	24.01	48.03	5.90	224.00	720	0.44
HFN-610/1830/150-13APD2G	24	72	6	24.01	72.04	5.90	336.00	1080	0.44

Part Number	Nominal Size			Actual Size			Media Area (sq.ft)	Air Flow (cfm)	Pressure Drop (inches w. g.)
	Height (inch)	Width (inch)	Depth (inch)	Height (inch)	Width (inch)	Depth (inch)			

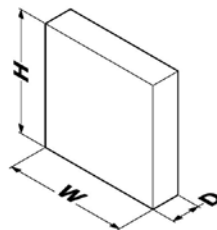
▶ 99.995% @ MPPS

HFN-305/305/150-14APD2G	12	12	6	12.00	12.00	5.90	28.00	90	0.48
HFN-305/610/150-14APD2G	12	24	6	12.00	24.01	5.90	56.00	180	0.48
HFN-457/610/150-14APD2G	18	24	6	17.99	24.01	5.90	84.00	265	0.48
HFN-610/610/150-14APD2G	24	24	6	24.01	24.01	5.90	112.00	360	0.48
HFN-610/1220/150-14APD2G	24	48	6	24.01	48.03	5.90	224.00	720	0.48
HFN-610/1830/150-14APD2G	24	72	6	24.01	72.04	5.90	336.00	1080	0.48

Media	Micro Glass Fiber
Frame	MDF
Final Pressure Drop	2.4" w.g.
Operating Temperature	176°F
Filter Efficiency	95% @ 0.3µm - 99.999% @ 0.3µm
Gasket	Neoprene or Half Round Endless Polyurethane
Protection Grids	Optional
Separators	Hotmelt

Applications

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



Part Number	Nominal Size			Actual Size			Media Area (sq.ft)	Air Flow (cfm)	Pressure Drop (inches w. g.)
	Height (inch)	Width (inch)	Depth (inch)	Height (inch)	Width (inch)	Depth (inch)			

► 95% @ 0.3µm

HFN-305/305/150-10PD	12	12	6	12.00	12.00	5.90	28.00	412	1.0
HFN-305/610/150-10PD	12	24	6	12.00	24.01	5.90	56.00	824	1.0
HFN-457/610/150-10PD	18	24	6	17.99	24.01	5.90	84.00	1236	1.0
HFN-610/610/150-10PD	24	24	6	24.01	24.01	5.90	112.00	1648	1.0
HFN-610/1220/150-10PD	24	48	6	24.01	48.03	5.90	224.00	3296	1.0
HFN-610/1830/150-10PD	24	72	6	24.01	72.04	5.90	336.00	4944	1.0

► 99.99% @ 0.3µm

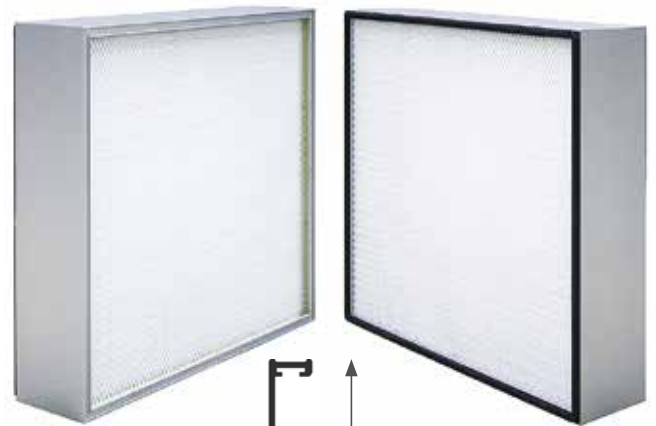
HFN-305/305/150-13PD	12	12	6	12.00	12.00	5.90	28.00	182	1.0
HFN-305/610/150-13PD	12	24	6	12.00	24.01	5.90	56.00	367	1.0
HFN-457/610/150-13PD	18	24	6	17.99	24.01	5.90	84.00	547	1.0
HFN-610/610/150-13PD	24	24	6	24.01	24.01	5.90	112.00	735	1.0
HFN-610/1220/150-13PD	24	48	6	24.01	48.03	5.90	224.00	1471	1.0
HFN-610/1830/150-13PD	24	72	6	24.01	72.04	5.90	336.00	2207	1.0

Part Number	Nominal Size			Actual Size			Media Area (sq.ft)	Air Flow (cfm)	Pressure Drop (inches w. g.)
	Height (inch)	Width (inch)	Depth (inch)	Height (inch)	Width (inch)	Depth (inch)			

> 99.999% @ 0.3µm

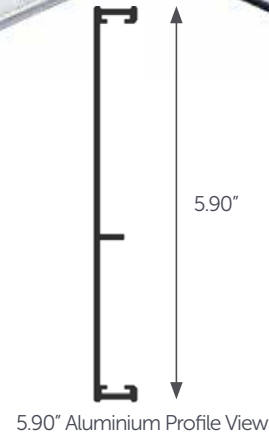
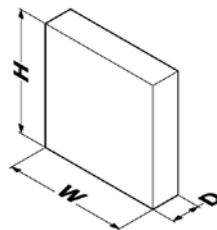
HFN-305/305/150-14PD	12	12	6	12.00	12.00	5.90	28.00	161	1.0
HFN-305/610/150-14PD	12	24	6	12.00	24.01	5.90	56.00	323	1.0
HFN-457/610/150-14PD	18	24	6	17.99	24.01	5.90	84.00	482	1.0
HFN-610/610/150-14PD	24	24	6	24.01	24.01	5.90	112.00	647	1.0
HFN-610/1220/150-14PD	24	48	6	24.01	48.03	5.90	224.00	1294	1.0
HFN-610/1830/150-14PD	24	72	6	24.01	72.04	5.90	336.00	1942	1.0

Media	Micro Glass Fiber
Frame	Extruded Anodized Aluminium
Final Pressure Drop	2.4" w.g.
Operating Temperature	176°F
Filter Efficiency	95% @ 0.3µm - 99.9995% @ MPPS
Gasket	Half Round Endless Polyurethane
Protection Grids	Powder Coated Metal on Both Sides
Separators	Hotmelt



Applications

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



Part Number	Nominal Size			Actual Size			Media Area (sq.ft)	Air Flow (cfm)	Pressure Drop (inches w. g.)
	Height (inch)	Width (inch)	Depth (inch)	Height (inch)	Width (inch)	Depth (inch)			

► 95% @ 0.3µm

HFP-305/305/150-10APD2G	12	12	6	12.00	12.00	5.90	33.00	90	0.14
HFP-305/610/150-10APD2G	12	24	6	12.00	24.01	5.90	66.00	180	0.14
HFP-457/610/150-10APD2G	18	24	6	17.99	24.01	5.90	101.00	265	0.14
HFP-610/610/150-10APD2G	24	24	6	24.01	24.01	5.90	134.00	360	0.14
HFP-610/1220/150-10APD2G	24	48	6	24.01	48.03	5.90	269.00	720	0.14
HFP-610/1830/150-10APD2G	24	72	6	24.01	72.04	5.90	403.00	1080	0.14

► 99.95% @ MPPS

HFP-305/305/150-13APD2G	12	12	6	12.00	12.00	5.90	33.00	90	0.36
HFP-305/610/150-13APD2G	12	24	6	12.00	24.01	5.90	66.00	180	0.36
HFP-457/610/150-13APD2G	18	24	6	17.99	24.01	5.90	101.00	265	0.36
HFP-610/610/150-13APD2G	24	24	6	24.01	24.01	5.90	134.00	360	0.36
HFP-610/1220/150-13APD2G	24	48	6	24.01	48.03	5.90	269.00	720	0.36
HFP-610/1830/150-13APD2G	24	72	6	24.01	72.04	5.90	403.00	1080	0.36

Part Number	Nominal Size			Actual Size			Media Area (sq.ft)	Air Flow (cfm)	Pressure Drop (inches w. g.)
	Height (inch)	Width (inch)	Depth (inch)	Height (inch)	Width (inch)	Depth (inch)			

▶ 99.995% @ MPPS

HFP-305/305/150-14APD2G	12	12	6	12.00	12.00	5.90	33.00	90	0.40
HFP-305/610/150-14APD2G	12	24	6	12.00	24.01	5.90	66.00	180	0.40
HFP-457/610/150-14APD2G	18	24	6	17.99	24.01	5.90	101.00	265	0.40
HFP-610/610/150-14APD2G	24	24	6	24.01	24.01	5.90	134.00	360	0.40
HFP-610/1220/150-14APD2G	24	48	6	24.01	48.03	5.90	269.00	720	0.40
HFP-610/1830/150-14APD2G	24	72	6	24.01	72.04	5.90	403.00	1080	0.40

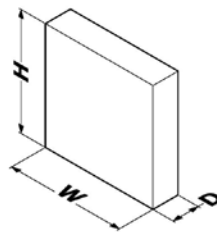
▶ 99.9995% @ MPPS

HFP-305/305/150-15APD2G	12	12	6	12.00	12.00	5.90	33.00	90	0.48
HFP-305/610/150-15APD2G	12	24	6	12.00	24.01	5.90	66.00	180	0.48
HFP-457/610/150-15APD2G	18	24	6	17.99	24.01	5.90	101.00	265	0.48
HFP-610/610/150-15APD2G	24	24	6	24.01	24.01	5.90	134.00	360	0.48
HFP-610/1220/150-15APD2G	24	48	6	24.01	48.03	5.90	269.00	720	0.48
HFP-610/1830/150-15APD2G	24	72	6	24.01	72.04	5.90	403.00	1080	0.48

Media	Micro Glass Fiber
Frame	MDF
Final Pressure Drop	2.4" w.g.
Operating Temperature	176°F
Filter Efficiency	95% @ 0.3µm - 99.999% @ 0.3µm
Gasket	Flat Neoprene or Half Round Endless Polyurethane
Protection Grids	Optional
Separators	Hotmelt

Applications

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



Part Number	Nominal Size			Actual Size			Media Area (sq.ft)	Air Flow (cfm)	Pressure Drop (inches w. g.)
	Height (inch)	Width (inch)	Depth (inch)	Height (inch)	Width (inch)	Depth (inch)			

▶ 95% @ 0.3µm

HFP-305/305/150-10PD	12	12	6	12.00	12.00	5.90	33.00	493	1.0
HFP-305/610/150-10PD	12	24	6	12.00	24.01	5.90	66.00	986	1.0
HFP-457/610/150-10PD	18	24	6	17.99	24.01	5.90	101.00	1479	1.0
HFP-610/610/150-10PD	24	24	6	24.01	24.01	5.90	134.00	1972	1.0
HFP-610/1220/150-10PD	24	48	6	24.01	48.03	5.90	269.00	3944	1.0
HFP-610/1830/150-10PD	24	72	6	24.01	72.04	5.90	403.00	5916	1.0

▶ 99.99% @ 0.3µm

HFP-305/305/150-13PD	12	12	6	12.00	12.00	5.90	33.00	220	1.0
HFP-305/610/150-13PD	12	24	6	12.00	24.01	5.90	66.00	441	1.0
HFP-457/610/150-13PD	18	24	6	17.99	24.01	5.90	101.00	660	1.0
HFP-610/610/150-13PD	24	24	6	24.01	24.01	5.90	134.00	882	1.0
HFP-610/1220/150-13PD	24	48	6	24.01	48.03	5.90	269.00	1766	1.0
HFP-610/1830/150-13PD	24	72	6	24.01	72.04	5.90	403.00	2648	1.0

Part Number	Nominal Size			Actual Size			Media Area (sq.ft)	Air Flow (cfm)	Pressure Drop (inches w. g.)
	Height (inch)	Width (inch)	Depth (inch)	Height (inch)	Width (inch)	Depth (inch)			

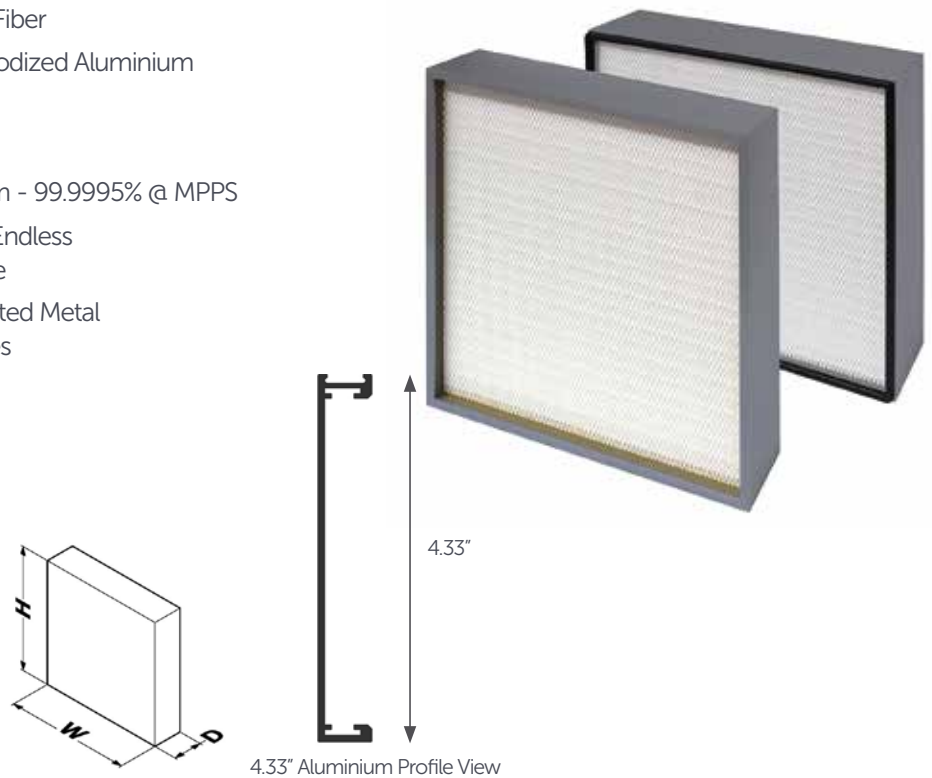
> 99.999% @ 0.3µm

HFP-305/305/150-14PD	12	12	6	12.00	12.00	5.90	33.00	191	1.0
HFP-305/610/150-14PD	12	24	6	12.00	24.01	5.90	66.00	382	1.0
HFP-457/610/150-14PD	18	24	6	17.99	24.01	5.90	101.00	573	1.0
HFP-610/610/150-14PD	24	24	6	24.01	24.01	5.90	134.00	765	1.0
HFP-610/1220/150-14PD	24	48	6	24.01	48.03	5.90	269.00	1530	1.0
HFP-610/1830/150-14PD	24	72	6	24.01	72.04	5.90	403.00	2295	1.0

- Media** Micro Glass Fiber
- Frame** Extruded Anodized Aluminium
- Final Pressure Drop** 2.4" w.g.
- Operating Temperature** 176°F
- Filter Efficiency** 95% @ 0.3µm - 99.9995% @ MPPS
- Gasket** Half Round Endless Polyurethane
- Protection Grids** Powder Coated Metal on Both Sides
- Separators** Hotmelt

Applications

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



Part Number	Nominal Size			Actual Size			Media Area (sq.ft)	Air Flow (cfm)	Pressure Drop (inches w. g.)
	Height (inch)	Width (inch)	Depth (inch)	Height (inch)	Width (inch)	Depth (inch)			

► 95% @ 0.3µm

HFS-305/305/110-10APD2G	12	12	4.5	12.00	12.00	4.33	48.00	90	0.12
HFS-305/610/110-10APD2G	12	24	4.5	12.00	24.01	4.33	97.00	180	0.12
HFS-457/610/110-10APD2G	18	24	4.5	17.99	24.01	4.33	145.00	265	0.12
HFS-610/610/110-10APD2G	24	24	4.5	24.01	24.01	4.33	194.00	360	0.12
HFS-610/1220/110-10APD2G	24	48	4.5	24.01	48.03	4.33	387.00	720	0.12
HFS-610/1830/110-10APD2G	24	72	4.5	24.01	72.04	4.33	581.00	1080	0.12

► 99.95% @ MPPS

HFS-305/305/110-13APD2G	12	12	4.5	12.00	12.00	4.33	48.00	90	0.30
HFS-305/610/110-13APD2G	12	24	4.5	12.00	24.01	4.33	97.00	180	0.30
HFS-457/610/110-13APD2G	18	24	4.5	17.99	24.01	4.33	145.00	265	0.30
HFS-610/610/110-13APD2G	24	24	4.5	24.01	24.01	4.33	194.00	360	0.30
HFS-610/1220/110-13APD2G	24	48	4.5	24.01	48.03	4.33	387.00	720	0.30
HFS-610/1830/110-13APD2G	24	72	4.5	24.01	72.04	4.33	581.00	1080	0.30

Part Number	Nominal Size			Actual Size			Media Area (sq.ft)	Air Flow (cfm)	Pressure Drop (inches w. g.)
	Height (inch)	Width (inch)	Depth (inch)	Height (inch)	Width (inch)	Depth (inch)			

▶ 99.995% @ MPPS

HFS-305/305/110-14APD2G	12	12	4.5	12.00	12.00	4.33	48.00	90	0.34
HFS-305/610/110-14APD2G	12	24	4.5	12.00	24.01	4.33	97.00	180	0.34
HFS-457/610/110-14APD2G	18	24	4.5	17.99	24.01	4.33	145.00	265	0.34
HFS-610/610/110-14APD2G	24	24	4.5	24.01	24.01	4.33	194.00	360	0.34
HFS-610/1220/110-14APD2G	24	48	4.5	24.01	48.03	4.33	387.00	720	0.34
HFS-610/1830/110-14APD2G	24	72	4.5	24.01	72.04	4.33	581.00	1080	0.34

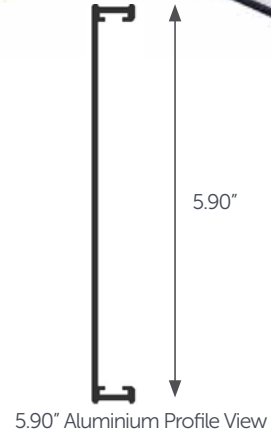
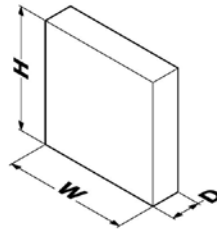
▶ 99.9995% @ MPPS

HFS-305/305/110-15APD2G	12	12	4.5	12.00	12.00	4.33	48.00	90	0.40
HFS-305/610/110-15APD2G	12	24	4.5	12.00	24.01	4.33	97.00	180	0.40
HFS-457/610/110-15APD2G	18	24	4.5	17.99	24.01	4.33	145.00	265	0.40
HFS-610/610/110-15APD2G	24	24	4.5	24.01	24.01	4.33	194.00	360	0.40
HFS-610/1220/110-15APD2G	24	48	4.5	24.01	48.03	4.33	387.00	720	0.40
HFS-610/1830/110-15APD2G	24	72	4.5	24.01	72.04	4.33	581.00	1080	0.40

- Media** Micro Glass Fiber
- Frame** Extruded Anodized Aluminium
- Final Pressure Drop** 2.4" w.g.
- Operating Temperature** 176°F
- Filter Efficiency** 95% @ 0.3µm - 99.9995% @ MPPS
- Gasket** Half Round Endless Polyurethane
- Protection Grids** Powder Coated Metal on Both Sides
- Separators** Hotmelt

Applications

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



Part Number	Nominal Size			Actual Size			Media Area (sq.ft)	Air Flow (cfm)	Pressure Drop (inches w. g.)
	Height (inch)	Width (inch)	Depth (inch)	Height (inch)	Width (inch)	Depth (inch)			

► 95% @ 0.3µm

HFS-305/305/150-10APD2G	12	12	6	12.00	12.00	5.90	48.00	90	0.12
HFS-305/610/150-10APD2G	12	24	6	12.00	24.01	5.90	97.00	180	0.12
HFS-457/610/150-10APD2G	18	24	6	17.99	24.01	5.90	145.00	265	0.12
HFS-610/610/150-10APD2G	24	24	6	24.01	24.01	5.90	194.00	360	0.12
HFS-610/1220/150-10APD2G	24	48	6	24.01	48.03	5.90	387.00	720	0.12
HFS-610/1830/150-10APD2G	24	72	6	24.01	72.04	5.90	581.00	1080	0.12

► 99.95% @ MPPS

HFS-305/305/150-13APD2G	12	12	6	12.00	12.00	5.90	48.00	90	0.30
HFS-305/610/150-13APD2G	12	24	6	12.00	24.01	5.90	97.00	180	0.30
HFS-457/610/150-13APD2G	18	24	6	17.99	24.01	5.90	145.00	265	0.30
HFS-610/610/150-13APD2G	24	24	6	24.01	24.01	5.90	194.00	360	0.30
HFS-610/1220/150-13APD2G	24	48	6	24.01	48.03	5.90	387.00	720	0.30
HFS-610/1830/150-13APD2G	24	72	6	24.01	72.04	5.90	581.00	1080	0.30

Part Number	Nominal Size			Actual Size			Media Area (sq.ft)	Air Flow (cfm)	Pressure Drop (inches w. g.)
	Height (inch)	Width (inch)	Depth (inch)	Height (inch)	Width (inch)	Depth (inch)			

▶ 99.995% @ MPPS

HFS-305/305/150-14APD2G	12	12	6	12.00	12.00	5.90	48.00	90	0.34
HFS-305/610/150-14APD2G	12	24	6	12.00	24.01	5.90	97.00	180	0.34
HFS-457/610/150-14APD2G	18	24	6	17.99	24.01	5.90	145.00	265	0.34
HFS-610/610/150-14APD2G	24	24	6	24.01	24.01	5.90	194.00	360	0.34
HFS-610/1220/150-14APD2G	24	48	6	24.01	48.03	5.90	387.00	720	0.34
HFS-610/1830/150-14APD2G	24	72	6	24.01	72.04	5.90	581.00	1080	0.34

▶ 99.9995% @ MPPS

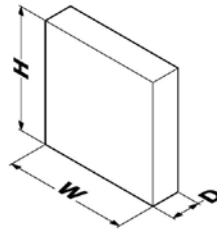
HFS-305/305/150-15APD2G	12	12	6	12.00	12.00	5.90	48.00	90	0.40
HFS-305/610/150-15APD2G	12	24	6	12.00	24.01	5.90	97.00	180	0.40
HFS-457/610/150-15APD2G	18	24	6	17.99	24.01	5.90	145.00	265	0.40
HFS-610/610/150-15APD2G	24	24	6	24.01	24.01	5.90	194.00	360	0.40
HFS-610/1220/150-15APD2G	24	48	6	24.01	48.03	5.90	387.00	720	0.40
HFS-610/1830/150-15APD2G	24	72	6	24.01	72.04	5.90	581.00	1080	0.40

Media	Micro Glass Fiber
Frame	MDF
Final Pressure Drop	2.4" w.g.
Operating Temperature	176°F
Filter Efficiency	95% @ 0.3µm - 99.999% @ 0.3µm
Gasket	Flat Neoprene or Half Round Endless Polyurethane
Protection Grids	Painted Aluminium on Both Sides
Separators	Hotmelt



Applications

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



Part Number	Nominal Size			Actual Size			Media Area (sq.ft)	Air Flow (cfm)	Pressure Drop (inches w. g.)
	Height (inch)	Width (inch)	Depth (inch)	Height (inch)	Width (inch)	Depth (inch)			

▶ 95% @ 0.3µm

HFS-305/305/150-10PD	12	12	6	12.00	12.00	5.90	48.00	530	1.0
HFS-305/610/150-10PD	12	24	6	12.00	24.01	5.90	97.00	1060	1.0
HFS-457/610/150-10PD	18	24	6	17.99	24.01	5.90	145.00	1590	1.0
HFS-610/610/150-10PD	24	24	6	24.01	24.01	5.90	194.00	2120	1.0
HFS-610/1220/150-10PD	24	48	6	24.01	48.03	5.90	387.00	4240	1.0
HFS-610/1830/150-10PD	24	72	6	24.01	72.04	5.90	581.00	6355	1.0

▶ 99.99% @ 0.3µm

HFS-305/305/150-13PD	12	12	6	12.00	12.00	5.90	48.00	280	1.0
HFS-305/610/150-13PD	12	24	6	12.00	24.01	5.90	97.00	560	1.0
HFS-457/610/150-13PD	18	24	6	17.99	24.01	5.90	145.00	835	1.0
HFS-610/610/150-13PD	24	24	6	24.01	24.01	5.90	194.00	882	1.0
HFS-610/1220/150-13PD	24	48	6	24.01	48.03	5.90	387.00	1120	1.0
HFS-610/1830/150-13PD	24	72	6	24.01	72.04	5.90	581.00	3355	1.0

Part Number	Nominal Size			Actual Size			Media Area (sq.ft)	Air Flow (cfm)	Pressure Drop (inches w. g.)
	Height (inch)	Width (inch)	Depth (inch)	Height (inch)	Width (inch)	Depth (inch)			

> 99.999% @ 0.3µm

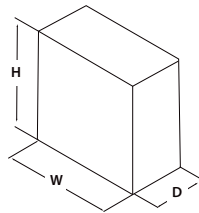
HFS-305/305/150-14PD	12	12	6	12.00	12.00	5.90	48.00	235	1.0
HFS-305/610/150-14PD	12	24	6	12.00	24.01	5.90	97.00	470	1.0
HFS-457/610/150-14PD	18	24	6	17.99	24.01	5.90	145.00	706	1.0
HFS-610/610/150-14PD	24	24	6	24.01	24.01	5.90	194.00	940	1.0
HFS-610/1220/150-14PD	24	48	6	24.01	48.03	5.90	387.00	1883	1.0
HFS-610/1830/150-14PD	24	72	6	24.01	72.04	5.90	581.00	2295	1.0

Media	Micro Glass Fiber
Frame	MDF
Final Pressure Drop	2.4" w.g.
Operating Temperature	176°F
Filter Efficiency	95% @ 0.3µm - 99.999% @ 0.3µm
Gasket	Flat Neoprene or Half Round Endless Polyurethane
Protection Grids	Painted Aluminium on Both Sides
Separators	Hotmelt



Applications

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



Part Number	Nominal Size			Actual Size			Media Area (sq.ft)	Air Flow (cfm)	Pressure Drop (inches w. g.)
	Height (inch)	Width (inch)	Depth (inch)	Height (inch)	Width (inch)	Depth (inch)			

▶ 95% @ 0.3µm

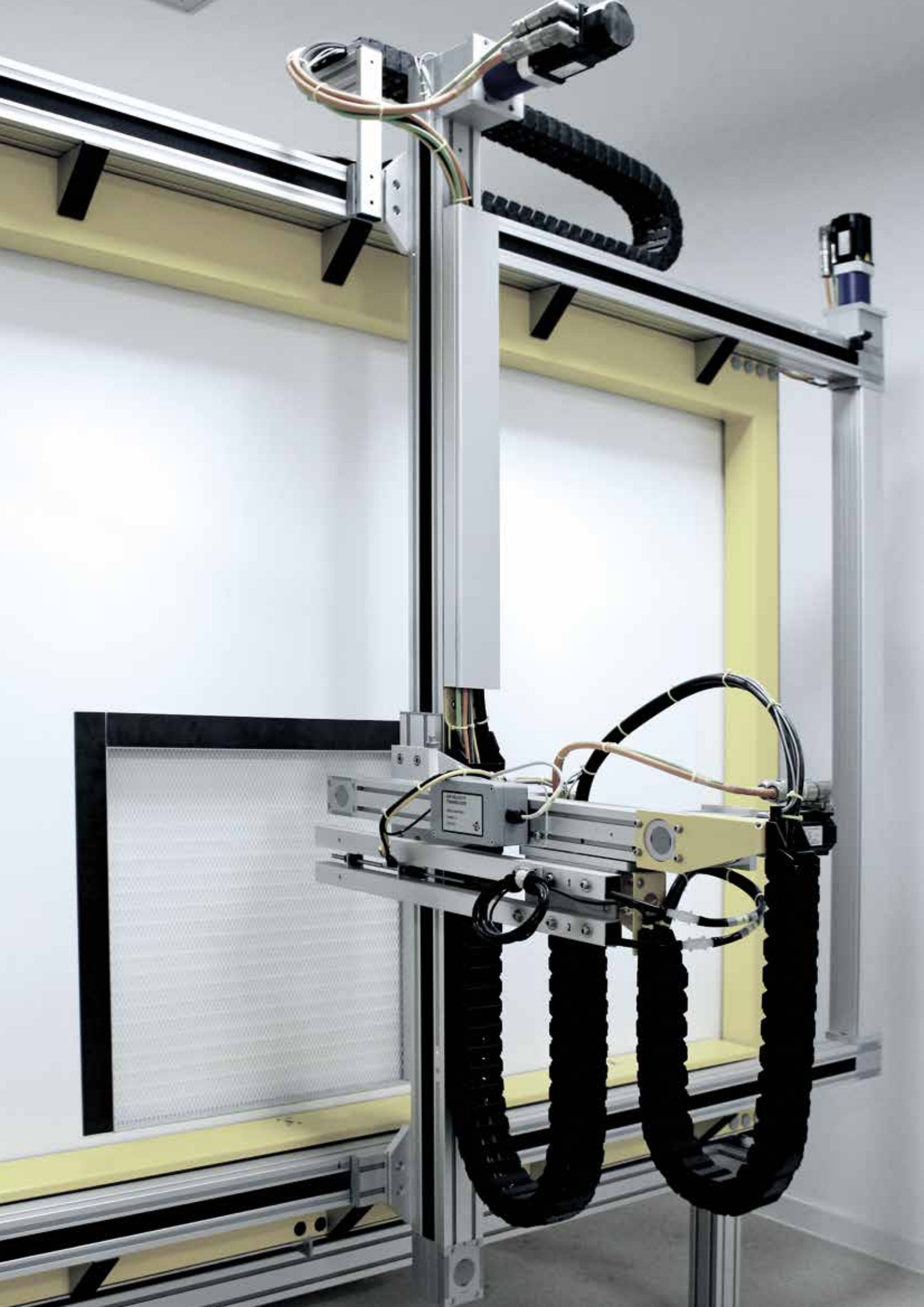
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HFH-305/610/292-10PD	12	24	11.5	12.00	24.01	11.49	120.00	1200	1.0
HFH-457/610/292-10PD	18	24	11.5	17.99	24.01	11.49	180.00	1850	1.0
HFH-610/610/292-10PD	24	24	11.5	24.01	24.01	11.49	241.00	2400	1.0

▶ 99.99% @ 0.3µm

HFH-305/305/292-13PD	12	12	11.5	12.00	12.00	11.49	60.00	350	1.0
HFH-305/610/292-13PD	12	24	11.5	12.00	24.01	11.49	120.00	700	1.0
HFH-457/610/292-13PD	18	24	11.5	17.99	24.01	11.49	180.00	1000	1.0
HFH-610/610/292-13PD	24	24	11.5	24.01	24.01	11.49	241.00	1400	1.0

▶ 99.999% @ 0.3µm

HFH-305/305/292-14PD	12	12	11.5	12.00	12.00	11.49	60.00	320	1.0
HFH-305/610/292-14PD	12	24	11.5	12.00	24.01	11.49	120.00	640	1.0
HFH-457/610/292-14PD	18	24	11.5	17.99	24.01	11.49	180.00	950	1.0
HFH-610/610/292-14PD	24	24	11.5	24.01	24.01	11.49	241.00	1280	1.0

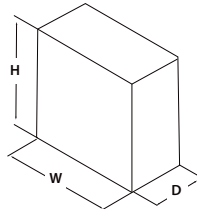


Media	Micro Glass Fiber
Frame	Galvanized Steel, Aluminium, Stainless Steel
Final Pressure Drop	2.4" w.g.
Operating Temperature	176°F
Filter Efficiency	95% @ 0.3µm - 99.999% @ 0.3µm
Gasket	Flat Neoprene or Half Round Endless Polyurethane
Protection Grids	Powder Coated Metal on Both Sides
Separators	Hotmelt



Applications

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



Part Number	Nominal Size			Actual Size			Media Area (sq.ft)	Air Flow (cfm)	Pressure Drop (inches w. g.)
	Height (inch)	Width (inch)	Depth (inch)	Height (inch)	Width (inch)	Depth (inch)			

► 95% @ 0.3µm

HFH-305/305/292-10GD	12	12	11.5	12.00	12.00	11.49	60.00	600	1.0
HFH-305/610/292-10GD	12	24	11.5	12.00	24.01	11.49	120.00	1200	1.0
HFH-457/610/292-10GD	18	24	11.5	17.99	24.01	11.49	180.00	1850	1.0
HFH-610/610/292-10GD	24	24	11.5	24.01	24.01	11.49	241.00	2400	1.0

► 99.99% @ 0.3µm

HFH-305/305/292-13GD	12	12	11.5	12.00	12.00	11.49	60.00	350	1.0
HFH-305/610/292-13GD	12	24	11.5	12.00	24.01	11.49	120.00	700	1.0
HFH-457/610/292-13GD	18	24	11.5	17.99	24.01	11.49	180.00	1000	1.0
HFH-610/610/292-13GD	24	24	11.5	24.01	24.01	11.49	241.00	1400	1.0

► 99.999% @ 0.3µm

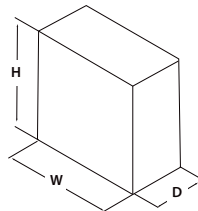
HFH-305/305/292-14GD	12	12	11.5	12.00	12.00	11.49	60.00	320	1.0
HFH-305/610/292-14GD	12	24	11.5	12.00	24.01	11.49	120.00	640	1.0
HFH-457/610/292-14GD	18	24	11.5	17.99	24.01	11.49	180.00	950	1.0
HFH-610/610/292-14GD	24	24	11.5	24.01	24.01	11.49	241.00	1280	1.0

Media	Micro Glass Fiber
Frame	MDF
Final Pressure Drop	2.4" w.g.
Operating Temperature	176°F
Filter Efficiency	95% @ 0.3µm - 99.999% @ 0.3µm
Gasket	Flat Neoprene or Half Round Endless Polyurethane
Protection Grids	Optional
Separators	Hotmelt



Applications

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



Part Number	Nominal Size			Actual Size			Media Area (sq.ft)	Air Flow (cfm)	Pressure Drop (inches w. g.)
	Height (inch)	Width (inch)	Depth (inch)	Height (inch)	Width (inch)	Depth (inch)			

► 95% @ 0.3µm

HFX-305/305/292-10PD	12	12	11.5	12.00	12.00	11.49	66.00	500	0.68
HFX-305/610/292-10PD	12	24	11.5	12.00	24.01	11.49	134.00	1000	0.68
HFX-457/610/292-10PD	18	24	11.5	17.99	24.01	11.49	200.00	1500	0.68
HFX-610/610/292-10PD	24	24	11.5	24.01	24.01	11.49	269.00	2000	0.68

► 99.99% @ 0.3µm

HFX-305/305/292-13PD	12	12	11.5	12.00	12.00	11.49	66.00	500	1.26
HFX-305/610/292-13PD	12	24	11.5	12.00	24.01	11.49	134.00	1000	1.26
HFX-457/610/292-13PD	18	24	11.5	17.99	24.01	11.49	200.00	1500	1.26
HFX-610/610/292-13PD	24	24	11.5	24.01	24.01	11.49	269.00	2000	1.26

► 99.999% @ 0.3µm

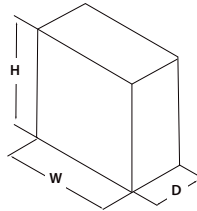
HFX-305/305/292-14PD	12	12	11.5	12.00	12.00	11.49	66.00	500	1.50
HFX-305/610/292-14PD	12	24	11.5	12.00	24.01	11.49	134.00	1000	1.50
HFX-457/610/292-14PD	18	24	11.5	17.99	24.01	11.49	200.00	1500	1.50
HFX-610/610/292-14PD	24	24	11.5	24.01	24.01	11.49	269.00	2000	1.50

Media	Micro Glass Fiber
Frame	Galvanized Steel, Aluminium, Stainless Steel
Final Pressure Drop	2.4" w.g.
Operating Temperature	176°F
Filter Efficiency	95% @ 0.3µm - 99.999% @ 0.3µm
Gasket	Flat Neoprene or Half Round Endless Polyurethane
Protection Grids	Powder Coated Metal on Both Sides
Separators	Hotmelt



Applications

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



Part Number	Nominal Size			Actual Size			Media Area (sq.ft)	Air Flow (cfm)	Pressure Drop (inches w. g.)
	Height (inch)	Width (inch)	Depth (inch)	Height (inch)	Width (inch)	Depth (inch)			

► 95% @ 0.3µm

HFX-305/305/292-10GD	12	12	11.5	12.00	12.00	11.49	66.00	500	0.68
HFX-305/610/292-10GD	12	24	11.5	12.00	24.01	11.49	134.00	1000	0.68
HFX-457/610/292-10GD	18	24	11.5	17.99	24.01	11.49	200.00	1500	0.68
HFX-610/610/292-10GD	24	24	11.5	24.01	24.01	11.49	269.00	2000	0.68

► 99.99% @ 0.3µm

HFX-305/305/292-13GD	12	12	11.5	12.00	12.00	11.49	66.00	500	1.26
HFX-305/610/292-13GD	12	24	11.5	12.00	24.01	11.49	134.00	1000	1.26
HFX-457/610/292-13GD	18	24	11.5	17.99	24.01	11.49	200.00	1500	1.26
HFX-610/610/292-13GD	24	24	11.5	24.01	24.01	11.49	269.00	2000	1.26

► 99.999% @ 0.3µm

HFX-305/305/292-14GD	12	12	11.5	12.00	12.00	11.49	66.00	500	1.50
HFX-305/610/292-14GD	12	24	11.5	12.00	24.01	11.49	134.00	1000	1.50
HFX-457/610/292-14GD	18	24	11.5	17.99	24.01	11.49	200.00	1500	1.50
HFX-610/610/292-14GD	24	24	11.5	24.01	24.01	11.49	269.00	2000	1.50

MV HEPA SERIES PLASTIC 11.5" DEEP FRAME

HEPA & ULPA FILTERS

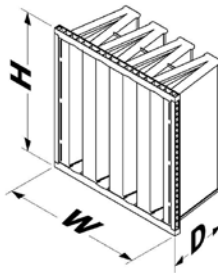
Media	Micro Glass Fiber
Frame	Plastic (PS)
Final Pressure Drop	2.4" w.g.
Operating Temperature	176°F
Filter Efficiency	95% @ 0.3µm - 99.99% @ 0.3µm
Gasket	Flat Neoprene or Half Round Endless Polyurethane
Protection Grids	Optional
Separators	Hotmelt

Applications

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

Advantages

- Incinerable
- Rigid frame



Part Number	Nominal Size			Actual Size			Media Area (sq.ft)	Air Flow (cfm)	Pressure Drop (inches w. g.)
	Height (inch)	Width (inch)	Depth (inch)	Height (inch)	Width (inch)	Depth (inch)			

► 95% @ 0.3µm

MV-H10-01	24	12	12	23.30	11.50	11.50	100.00	1000	0.55
MV-H10-02	24	20	12	23.30	19.37	11.50	160.00	1650	0.55
MV-H10-03	24	24	12	23.30	23.30	11.50	200.00	2000	0.55

► 99.99% @ 0.3µm

MV-H13-01	24	12	12	23.30	11.50	11.50	100.00	735	1.12
MV-H13-02	24	20	12	23.30	19.37	11.50	160.00	1220	1.12
MV-H13-03	24	24	12	23.30	23.30	11.50	200.00	1470	1.12

MVH SERIES PLASTIC 11.5" DEEP FRAME

HEPA & ULPA FILTERS

Media	Micro Glass Fiber
Frame	ABS
Final Pressure Drop	2.4" w.g.
Operating Temperature	176°F
Filter Efficiency	95% @ 0.3µm - 99.999% @ 0.3µm
Gasket	Flat Neoprene or Half Round Endless Polyurethane
Protection Grids	Optional
Separators	Hotmelt

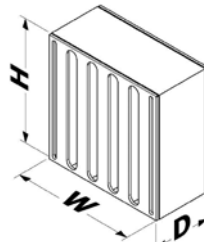


Applications

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

Advantages

- Incinerable
- Light frame



Part Number	Nominal Size			Actual Size			Media Area (sq.ft)	Air Flow (cfm)	Pressure Drop (inches w. g.)
	Height (inch)	Width (inch)	Depth (inch)	Height (inch)	Width (inch)	Depth (inch)			

► 95% @ 0.3µm

MVH-305/610/292-10PKD	12	24	11.5	12.00	24.01	11.49	172	1470	1.0
MVH-610/610/292-10PKD	24	24	11.5	24.01	24.01	11.49	344	2945	1.0

► 99.99% @ 0.3µm

MVH-305/610/292-13PKD	12	24	11.5	12.00	24.01	11.49	172	1000	1.0
MVH-610/610/292-13PKD	24	24	11.5	24.01	24.01	11.49	344	2000	1.0

► 99.999% @ 0.3µm

MVH-305/610/292-14PKD	12	24	11.5	12.00	24.01	11.49	172	825	1.0
MVH-610/610/292-14PKD	24	24	11.5	24.01	24.01	11.49	344	1650	1.0

MVH SERIES METAL MAX. FLOW 11.5" DEEP FRAME

HEPA & ULPA FILTERS

Media	Micro Glass Fiber
Frame	Galvanized Steel, Aluminium, Stainless Steel
Final Pressure Drop	2.4" w.g.
Operating Temperature	176°F
Filter Efficiency	95% @ 0.3µm - 99.999% @ 0.3µm
Gasket	Flat Neoprene or Half Round Endless Polyurethane
Protection Grids	Optional
Separators	Hotmelt

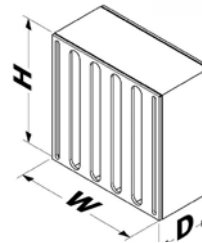


Applications

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

Advantages

- Strong frame
- High flow applications



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AS TO FLAMMABILITY ONLY
R39025

Part Number	Nominal Size			Actual Size			Media Area (sq.ft)	Air Flow (cfm)	Pressure Drop (inches w. g.)
	Height (inch)	Width (inch)	Depth (inch)	Height (inch)	Width (inch)	Depth (inch)			

► 95% @ 0.3µm

MVH-305/305/292-10GD-10M2	12	12	11.5	12.00	12.00	11.49	108.00	800	1.0
MVH-305/610/292-10GD-20M2	12	24	11.5	12.00	24.01	11.49	215.00	1600	1.0
MVH-457/610/292-10GD-30M2	18	24	11.5	17.99	24.01	11.49	320.00	2400	1.0
MVH-610/610/292-10GD-40M2	24	24	11.5	24.01	24.01	11.49	430.00	3200	1.0

► 99.99% @ 0.3µm

MVH-305/305/292-13GD-10M2	12	12	11.5	12.00	12.00	11.49	108.00	600	1.0
MVH-305/610/292-13GD-20M2	12	24	11.5	12.00	24.01	11.49	215.00	1200	1.0
MVH-457/610/292-13GD-30M2	18	24	11.5	17.99	24.01	11.49	320.00	1750	1.0
MVH-610/610/292-13GD-40M2	24	24	11.5	24.01	24.01	11.49	430.00	2400	1.0

► 99.999% @ 0.3µm

MVH-305/305/292-14GD-10M2	12	12	11.5	12.00	12.00	11.49	108.00	450	1.0
MVH-305/610/292-14GD-20M2	12	24	11.5	12.00	24.01	11.49	215.00	900	1.0
MVH-457/610/292-14GD-30M2	18	24	11.5	17.99	24.01	11.49	320.00	1400	1.0
MVH-610/610/292-14GD-40M2	24	24	11.5	24.01	24.01	11.49	430.00	1800	1.0

Media	Micro Glass Fiber
Frame	Galvanized Steel, Aluminium, Stainless Steel
Final Pressure Drop	2.4" w.g.
Operating Temperature	176°F
Filter Efficiency	95% @ 0.3µm - 99.999% @ 0.3µm
Gasket	Gel
Protection Grids	Optional
Separators	Hotmelt

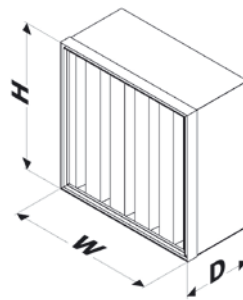


Applications

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

Advantages

- Strong frame
- High flow applications



Part Number	Nominal Size			Actual Size			Media Area (sq.ft)	Air Flow (cfm)	Pressure Drop (inches w. g.)
	Height (inch)	Width (inch)	Depth (inch)	Height (inch)	Width (inch)	Depth (inch)			

► 95% @ 0.3µm

MVH-305/305/292-10GJ	12	12	11.5	12.00	12.00	11.49	86.00	735	1.0
MVH-305/610/292-10GJ	12	24	11.5	12.00	24.01	11.49	172.00	1470	1.0
MVH-457/610/292-10GJ	18	24	11.5	17.99	24.01	11.49	258.00	2200	1.0
MVH-610/610/292-10GJ	24	24	11.5	24.01	24.01	11.49	344.00	2945	1.0

► 99.99% @ 0.3µm

MVH-305/305/292-13GJ	12	12	11.5	12.00	12.00	11.49	86.00	500	1.0
MVH-305/610/292-13GJ	12	24	11.5	12.00	24.01	11.49	172.00	1000	1.0
MVH-457/610/292-13GJ	18	24	11.5	17.99	24.01	11.49	258.00	1500	1.0
MVH-610/610/292-13GJ	24	24	11.5	24.01	24.01	11.49	344.00	2000	1.0

► 99.999% @ 0.3µm

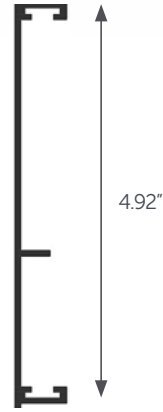
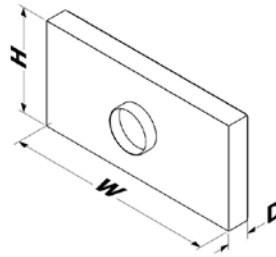
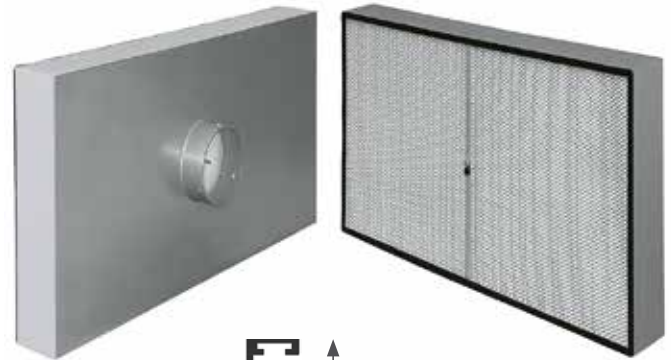
MVH-305/305/292-14GJ	12	12	11.5	12.00	12.00	11.49	86.00	410	1.0
MVH-305/610/292-14GJ	12	24	11.5	12.00	24.01	11.49	172.00	820	1.0
MVH-457/610/292-14GJ	18	24	11.5	17.99	24.01	11.49	258.00	1230	1.0
MVH-610/610/292-14GJ	24	24	11.5	24.01	24.01	11.49	344.00	1650	1.0



MHH SERIES MICRO HOOD FILTER 5" DEEP FRAME

HEPA & ULPA FILTERS

Media	Micro Glass Fiber
Frame	Extruded Anodized Aluminium
Final Pressure Drop	2.4" w.g.
Operating Temperature	176°F
Filter Efficiency	99.95% @ MPPS - 99.9995% @ MPPS
Collar Dimensions	5.9", 7.87", 9.84", 11.81", 15.74"
Collar Height	2.56"
Protection Grids	Powder Coated Metal on Both Sides
Separators	Hotmelt



4.92" Aluminium Profile View

Applications

- Cleanroom applications
- Laminar flow cabins

Advantages

- Adjustable air flow

Part Number	Nominal Size			Actual Size			Media Area (sq.ft)	Air Flow (cfm)	Pressure Drop (inches w. g.)
	Height (inch)	Width (inch)	Depth (inch)	Height (inch)	Width (inch)	Depth (inch)			

► 99.95% @ MPPS

MHH-610/610/125-B300-13APD1G	24	24	5	24.00	24.00	4.92	112.00	350	0.50
MHH-610/915/125-B300-13APD1G	24	36	5	24.00	36.00	4.92	168.00	530	0.50
MHH-610/1220/125-B300-13APD1G	24	48	5	24.00	48.00	4.92	224.00	700	0.50

► 99.995% @ MPPS

MHH-610/610/125-B300-14APD1G	24	24	5	24.00	24.00	4.92	112.00	350	0.54
MHH-610/915/125-B300-14APD1G	24	36	5	24.00	36.00	4.92	168.00	530	0.54
MHH-610/1220/125-B300-14APD1G	24	48	5	24.00	48.00	4.92	224.00	700	0.54

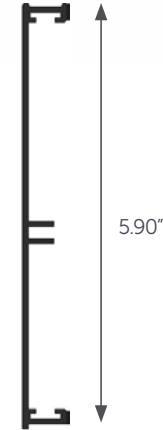
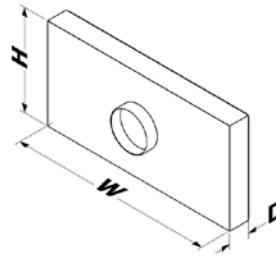
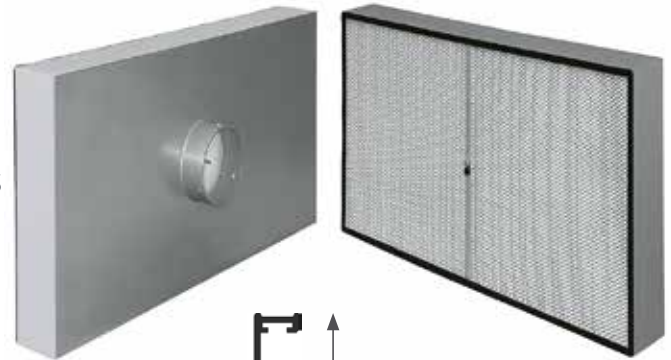
► 99.9995% @ MPPS

MHH-610/610/125-B300-15APD1G	24	24	5	24.00	24.00	4.92	112.00	350	0.62
MHH-610/915/125-B300-15APD1G	24	36	5	24.00	36.00	4.92	168.00	530	0.62
MHH-610/1220/125-B300-15APD1G	24	48	5	24.00	48.00	4.92	224.00	700	0.62

MHH SERIES MICRO HOOD FILTER 6" DEEP FRAME

HEPA & ULPA FILTERS

Media	Micro Glass Fiber
Frame	Extruded Anodized Aluminium
Final Pressure Drop	2.4" w.g.
Operating Temperature	176°F
Filter Efficiency	99.95% @ MPPS - 99.9995% @ MPPS
Collar Dimensions	5.9", 7.87", 9.84", 11.81", 15.74"
Collar Height	2.56"
Protection Grids	Powder Coated Metal on Both Sides
Separators	Hotmelt



5.90" Aluminium Profile View

Applications

- Cleanroom applications
- Laminar flow cabins

Advantages

- Adjustable air flow

Part Number	Nominal Size			Actual Size			Media Area (sq.ft)	Air Flow (cfm)	Pressure Drop (inches w. g.)
	Height (inch)	Width (inch)	Depth (inch)	Height (inch)	Width (inch)	Depth (inch)			

► 99.95% @ MPPS

MHH-610/610/150-B300-13APD1G	24	24	6	24.00	24.00	5.90	112.00	350	0.50
MHH-610/915/150-B300-13APD1G	24	36	6	24.00	36.00	5.90	168.00	530	0.50
MHH-610/1220/150-B300-13APD1G	24	48	6	24.00	48.00	5.90	224.00	700	0.50

► 99.995% @ MPPS

MHH-610/610/150-B300-14APD1G	24	24	6	24.00	24.00	5.90	112.00	350	0.54
MHH-610/915/150-B300-14APD1G	24	36	6	24.00	36.00	5.90	168.00	530	0.54
MHH-610/1220/150-B300-14APD1G	24	48	6	24.00	48.00	5.90	224.00	700	0.54

► 99.9995% @ MPPS

MHH-610/610/150-B300-15APD1G	24	24	6	24.00	24.00	5.90	112.00	350	0.62
MHH-610/915/150-B300-15APD1G	24	36	6	24.00	36.00	5.90	168.00	530	0.62
MHH-610/1220/150-B300-15APD1G	24	48	6	24.00	48.00	5.90	224.00	700	0.62



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