

Pre-Filter

Speciality:

SHW-20/G2; SHW-30/G3; SHW-40/G4

SHW-60/F5, consisted of special organic synthetic fiber, is a kind of high-density pocket filter.

It's designed for prefiltration or coarse filtration in the inlet of general ventilation and air conditioning system.

It's processed by high-performance synthetic fiber in gradual technology.

Large dust holding capacity and low initial resistance, economical and practical

Conforming to European DIN53438-F1 and the American UL900-Class2

Be workable many times after washing the dust collected

Temperature resistance: 100°C Instantaneous temperature: 120°C

Be widely used in pleated and pocket filters



Pre-Filter (Specification):

类型 Type	过滤级别 Filter Class	平均 计重效率 Average Arrestance	初始效率 [比色法] Initial Efficiency	测试风速 Nominal Velocity (m/s)	额定风量 Rated Airflow (m ³ /h)	初阻力 Initial Resistance (Pa)	终阻力 Final Resistance (Pa)	容尘量 Dust Holding Capacity (g/m ²)	厚度 Thickness (mm)	标准尺寸 Sizes
SHW-20	G2	75%	<20%	2.0 m/s	7200	18	150	400	10	1.0*20 M
										2.0*20 M
SHW-30	G3	86%	<20%	1.5 m/s	5400	20	250	500	15	1.0*20 M
										2.0*20 M
SHW-40	G4	91%	<20%	1.5 m/s	5400	27	250	600	20	1.0*20 M
										2.0*20 M
SHW-60	F5	96%	<22%	0.25 m/s	900	45	450	380	12	1.0*20 M
										2.0*20 M

Note: Other specifications are available on request

Air Inlet filter

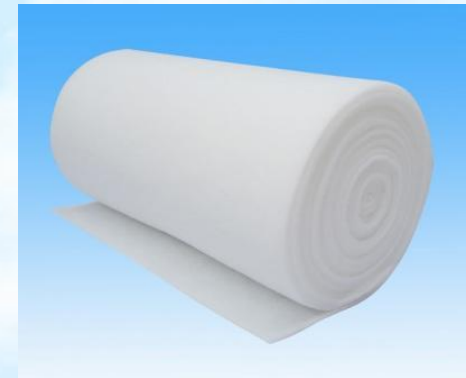
SP-20/G2; SP-30/G3; SP-40/G4

This series of filters is designed for seriously polluted general ventilation and the entrance of air control series as pre-filtration or coarse filtration.

Conforming to the non-flammability standard and classification of European DIN53438-F1 and the United States UL900-Class2

Be workable many times after washing the dust collected

Be widely used in pleated and pocket filters



Air Inlet filter (Specification):

类型 Type	过滤级别 FilterClass	平均 计重效 率 Average Arresta nce	初始效率 [比色法] Initial Efficiency	测试风 速 Nominal Velocity (m/s)	额定风量 Rated Airflow (m ³ /h)	初阻力 Initial Resistance (Pa)	终阻力 Final Resistance (Pa)	容尘量 Dust Holding Capacity (g/m ²)	厚度 Thicknes s(mm)	标准尺寸 Sizes
SP-20	G2	75%	<20%	2.0	7200	18	150	400	10	1.0*20 M
										2.0*20 M
SP-30	G3	86%	<20%	1.5	5400	20	250	500	15	1.0*20 M
										2.0*20 M
SP-40	G4	91%	<20%	1.5	5400	27	250	600	20	1.0*20 M
										2.0*20 M

注：可按客户要求订做

Note: Other specifications are available on request

3A Spraybooth Ceiling Filter



3A -600G/560G are backed with imported PE or common non-flammable net scrim.

The series of ceiling filters are mainly used in advanced industries such as car painting, Hi-tech electronics, aerospace and other military areas etc. The outlet side of the filter media is reinforced by imported PE net and fire-retardant net. High flame resistance, high dust holding capacity, low initial resistance, safe and reliable.

Composited of imported high-performance, break-resistant synthetic fiber in gradual technology ;Due to complete penetration of viscosity in media, dust particles can not pass. Fully filtered air evenly spreads to form a laminar flow state to achieve the best spray results.

Conforming to European DIN53438-F1 and American UL900-Class2
The outlet side is printed with EN-779 standard classifications, DIN logo & the registered trademark of SHW.

Moisture resistance, up to 100% relative humidity

3A Spraybooth Ceiling Filter (Specification):

类型 Type	级别 Filter Class	平均 计重效率 Average Arrestance	平均效率 [比色法] Average Efficiency	测试 风速 Nominal Velocity (m/s)	额定 风量 Rated Airflow (m ³ /h)	初阻力 Initial Resistance(Pa)	终阻力 Final Resistance(Pa)	容尘量 Dust Holding Capacity (g/m ²)	持续耐温 Continuous Temperature(°C)	瞬间耐温 Instantaneous Temperature(°C)	厚度 Thickness(mm)	标准尺寸 Sizes
3A-600G	F5	98%	55%	0.25	900	30	450	460	100	120	22	1.6*21M
												2.0*21M
3A-560G	F5	96%	50%	0.25	900	25	450	400	100	120	25	1.6*21M
												2.0*21M

注：可按客户要求订做

Note: Other specifications are available on request

PA-50 Filter (Paint Stop)

PA-50/PA-100

This product is composed of continuous monofilament glass fiber and it is progressively encrypted from the inlet side to the outlet side in fluffy state.

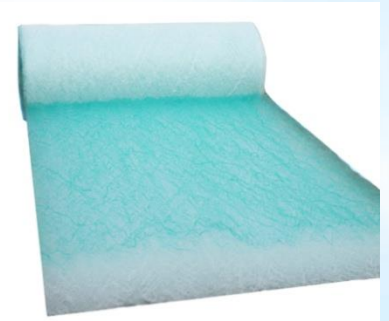
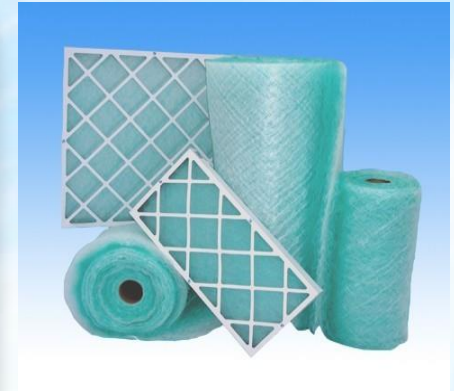
It is used in heat recovery systems and high-quality paint mist filtration of surface coating with the high rate of capturing particles and long life-cycle.

The inlet side is green, outlet side is white with good compressibility properties to ensure its stability and strong nature and to ensure that filter is not loose, scattered, and more conducive to store mist and dust.

Temperature resistance: 170 °C

Conforming to the European DIN53438-F1

The average mist capturing rate: 93-97%



Fiber Glass Filter (Paint Stop) (Specification):

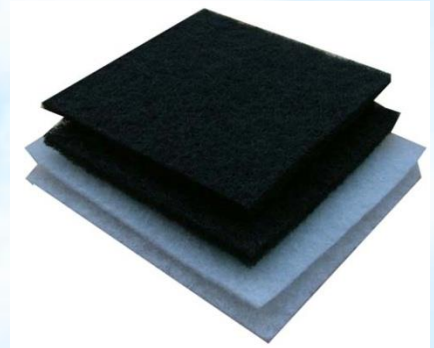
类型 Type	平均 计重效率 Average Arrestance	测试风速 Nominal Velocity (m/s)	额定风量 Rated Airflow (m ³ /h)	初阻力 Initial Resistance (Pa)	终阻力 Final Resistance (Pa)	容尘量 Dust Holding Capacity (g/m ²)	厚度 Thickness (mm)	标准尺寸 Sizes
PA-50	93%	2.5	9000	20	150	3500	50	0.8*20 M
								1.0*20 M
								2.0*20 M
PA-100	98%	2.0	7200	25	200	4700	100	0.8*20 M
								1.0*20 M
								2.0*20 M

注：可按客户要求订做

Note: Other specifications are available on request

Activated Carbon Filter

With high-quality powdered activated carbon as the adsorption material, it is made by the means of attaching activated carbon to the matrix of the fiber. Good absorption and dust collection effect, easy to be formed (cutting and folding arbitrarily), high intensity and low air resistance, it is mainly used in industrial waste gas treatment, fume purification, water purification and gas adsorption as well as a variety of air-conditioning, air filter package in household and automobiles. It can be used alone to remove dust, mist, odor, and volatile organic pollutants such as benzene, formaldehyde etc. It can also be compounded with superfine melt-blown fiber, coarse filter cotton to reach a better dust filtering and deodorant effect.



Activated Carbon Nonwoven

Activated carbon non-woven is made by special micro-fiber and coco activated carbon. It has fine adsorption ability, uniform thickness, nice ventilation, no peculiar smell, high carbon content.

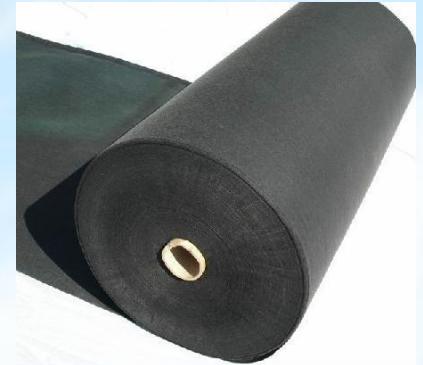
Common Applications: It is mainly used to make anti-gas and dustproof masks. It is also widely used in heavy pollution industry such as chemical, pharmacy, painting and pesticide with remarkable effect on gas defense and deodorization.

(Tested filter media with 4mm in thickness)

炭含量: $\geq 40\%$ 苯吸附: $\geq 15\%$ 四氯化炭吸附:
 $\geq 35\%$

carbon content: $\geq 40\%$ benzene adsorption: $\geq 15\%$

carbon tetrachloride absorption: $\geq 35\%$



Activated Carbon Filter/Nonwoven (Specification):

类型 Type	炭含量 Carbon Content	苯吸附 Benzene Adsorption	气体去除率 Gas Removal Rate	粉尘捕集率 Dust Trapping Rate	厚度 Thickness	标准尺寸 Sizes
SHW-TM	≥55%	≥2500mg/g	≥85%	≥85%	5-10 mm	1.0*20 M
						1.2*20 M
SHW-TB	≥40%	≥1800mg/g	≥65%	≥65%	0.5-1.0 mm	1.0*500M
						1.2*500 M

注：可按客户要求订做

Note: Other specifications are available on request

Foldaway Pre-filter Mesh



Speciality:

Common Applications: dust filtration, pre-filtration in air filter program

Features: large filtering area, low initial resistance, high air flow, large dust holding capacity, completely droppable

Filter Media: Incremental structure of flame-retardant synthetic fiber filter media, conforming to the European DIN53438-F1

Frame: Waterproofing chipboard, abandoned chipboard frame filters can be burned, no pollution, conforming to environmental requirements / metal frame also available. With unique design, it can be reused, reducing cost.

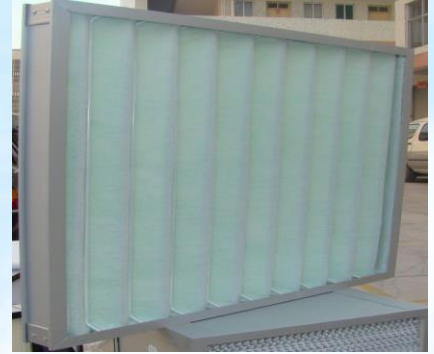
Foldaway Pre-filter Mesh (Specification):

级别 Filter Class	尺寸 Dimensions W*H*D mm	额定风量 Rated Airflow m ³ /h	平均 计重效率 Average Arrestance	初阻力 Initial Resistance(pa)	建议终阻力 Recommended Final Resistance(pa)	持续耐温 Continuous Temperature (°C)	外框 Frame
G3	595*595*46	3200	85%	35	180	80	防水纸 Waterproofing chipboard 铝合金 Aluminum alloy 镀锌板 Galvanized sheet
	595*495*46	2700					
	595*295*46	1600					
	495*495*46	2200					
G4	595*595*46	3200	90%	45	200	80	
	595*495*46	2700					
	595*295*46	1600					
	495*495*46	2200					

注：可按客户要求订做

Note: Other specifications are available on request

Aluminum Frame Panel Filter



Speciality:

Common Applications: It is mainly used as the pre-filtration for HEPA filter and the ventilation system of the cleanroom for purification.

Features: low initial resistance, high airflow and large dust holding capacity

Filter Media: Synthetic fiber, conforming to European DIN53438-F1.

Aluminum Frame Panel Filter (Specification):

级别 Filter Class	尺寸 Dimensions W*H*D (mm)	额定风量 Rated Airflow (m ³ /h)	平均 计重效率 Average Arrestance	初阻力 Initial Resistance (Pa)	建议终阻力 Recommended Final Resistance (Pa)	持续耐温 Continuous Temperature	外框 Frame
G3	595*595*46	3400	86%	30 Pa	150Pa	80°C	铝合金 Aluminum alloy 镀锌板 Galvanized sheet
	595*495*46	2800					
	595*295*46	1700					
	495*495*46	2400					
G4	595*595*46	3400	91%	40Pa	180Pa	80°C	
	595*495*46	2800					
	595*295*46	1700					
	495*495*46	2400					

注：可按客户要求订做

Note: Other specifications are available on request

High Temperature Panel Filter



Speciality:

Common Applications: It is mainly used in Hi-tech electronics, military aerospace coating area; filtering tar and smoke produced in high-temperature oven.

Features: Fine heat-resistance, high airflow, low resistance

Filter Media: Imported special organic synthetic fiber without fracturing and shedding phenomenon like fiberglass.

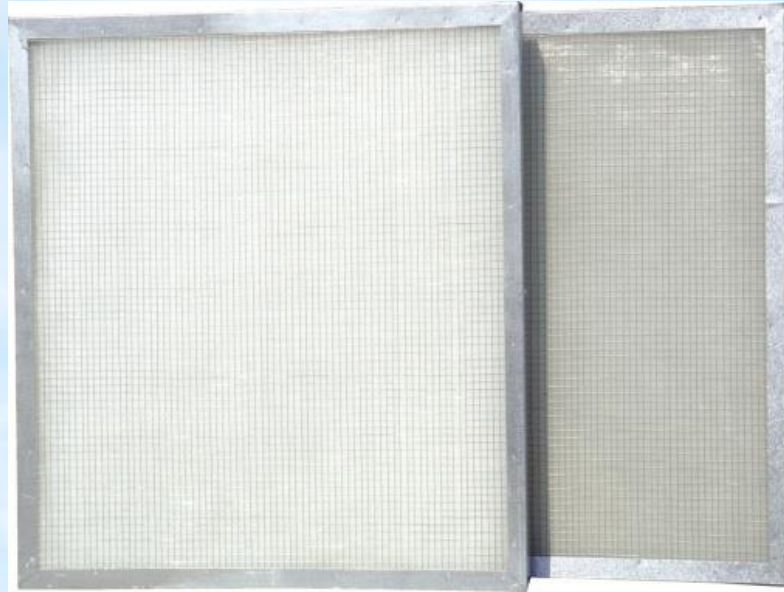
High Temperature Panel Filter (Specification):

级别 Filter Class	尺寸 Dimensions W*H*D mm	额定风量 Rated Airflow m ³ /h	平均 计重效率 Average Arrestance	初阻力 Initial Resistance (Pa)	建议终阻力 Recommended Final Resistance (Pa)	外框 Frame
G3	500*500*15	900	86%	40	180	铝合金 Aluminum alloy 镀锌板 Galvanized sheet
G4	500*500*21	900	91%	45	200	

注：可按客户要求订做

Note: Other specifications are available on request

High Temperature Fiberglass Filter Mesh



Speciality:

Common Applications: It is mainly used in high-temperature oven of hot air type in painting plant to filter tar, soot, dust and other particles to protect the surface painting.

Features: Media is made of fiberglass by the means of non-fabric superposition, reinforced by expanded aluminum net, not easy to be deformed, fine anti-chemical specialty, temperature resistance can be 300 °C.

Filter Media: fiberglass

Frame: Galvanized frame / Aluminum frame

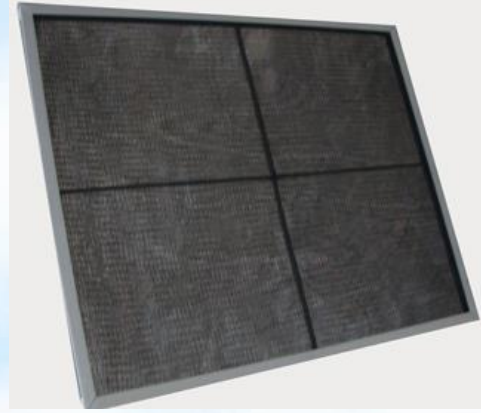
High Temperature Fiberglass Filter Mesh (Specification):

级别 Filter Class	尺寸 Dimensions W*H*D (mm)	额定风量 Rated Airflow (m ³ /h)	平均 计重效率 Average Arrestance	初阻力 Initial Resistance (Pa)	建议终阻力 Recommended Final Resistance (Pa)	外框 Frame
G3	500*500*15	1000	86%	45	180	铝合金 Aluminum alloy 镀锌板 Galvanized sheet
G4	500*500*25	1200	90%	50	200	
	500*500*46					

注：可按客户要求订做

Note: Other specifications are available on request

Nylon Mesh Filter



Speciality:

Common Applications: It is widely used as the protective pre-filtration in central air conditioning system of household, commerce and industry.

Features: high airflow, low resistance, long working life, economical and it can be used repeatedly.

Filter Media: PP fiber textile black nylon net

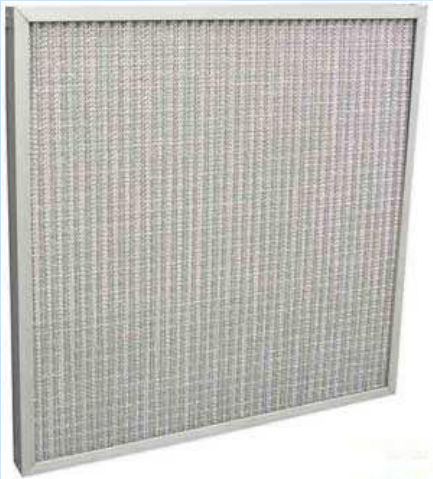
Nylon Mesh Filter (Specification):

型号 Type	尺寸 Dimensions W*H*D (mm)	额定风量 Rated Airflow (m³/h)	初阻力 Initial Resistance (Pa)	外框 Frame
SHW-NL	595*595*10	3400	5	铝合金 Aluminum alloy 镀锌板 Galvanized sheet
	595*495*10	3200		
	495*495*10	2800		
	595*595*20	3400	10	
	595*495*20	3200		
	495*495*20	2800		

注：可按客户要求订做

Note: Other specifications are available on request

Metal Mesh Filter



Speciality:

Common Applications: high temperature-resistance ventilation system of high strength, anti-acid and anti-alkali, wax-spraying room in the car assembly plant

Features: low resistance, high airflow, washable and economical

Filter Media: aluminum mesh, stainless steel expanded mesh

Metal Mesh Filter (Specification):

型号 Type	尺寸 Dimensions W*H*D (mm)	额定风量 Rated Airflow (m ³ /h)	有效过滤面积 Filtering Area (m ²)	外框 Frame
SHW-JS	595*595*10	3200	0.35	铝合金 Aluminum alloy 镀锌板 Galvanized sheet
	595*495*10	2700	0.29	
	495*495*10	2200	0.25	
	595*595*20	3200	0.35	
	595*495*20	2700	0.29	
	495*495*20	2200	0.25	

注：可按客户要求订做

Note: Other specifications are available on request

Activated Carbon Filter Mesh



Speciality:

Common Applications: Pre-filtration in air conditioning system, it has super-dispel effect on low concentrations of organic pollutants and odor to improve indoor air quality effectively.

Filter Media: Activated carbon composite materials with both dust collecting and deodorizing functions

Features: Strong surface adsorption ability, a wide range of filter media options, the users can change the filter media by themselves.

Activated Carbon Filter Mesh (Specification):

型号 Type	尺寸 Dimensions W*H*D (mm)	额定风量 Rated Airflow (m ³ /h)	初阻力 Initial Resistance (Pa)	建议终阻力 Recommended Final Resistance (Pa)	适应温度 Proper Temperature(°C)	适应湿度 Proper Moisture	外框 Frame
SHW-TW	595*595*46	3200	40	180Pa	≤50°C	≤80%	防水纸 Waterproofing chipboard 铝合金 Aluminum alloy 镀锌板 Galvanized sheet
	595*495*46	2700					
	595*295*46	1600					
	495*495*46	2200					

注：可按客户要求订做

Note: Other specifications are available on request

Activated Carbon Pocket Filter



Speciality:

Common Applications: Suitable for office buildings, airports, hospitals and other air-conditioning ventilation systems to improve indoor air quality

Features: The filter bag is composed by high- adsorption activated carbon fiber and filter media, with fine surface adsorption ability. It can get rid of the odor, sulfur dioxide and other volatile organic pollutants in the air effectively.

Activated Carbon Pocket Filter (Specification):

级别 Filter Class	标准尺寸 Dimensions W*H*D (mm)	袋数 Pockets	过滤面积 Filter Area (m ²)	额定风量 Rated Airflow (m ³ /h)	初阻力 Initial Resistance (Pa)	建议终阻力 Recommended Final Resistance (Pa)
G3	595*595*600	6	4.64	3400	20	150
	495*595*600	5	3.87	2800	20	150
	295*595*600	3	2.32	1700	20	150
G4	595*595*600	6	4.64	3600	35	200
	495*595*600	5	3.87	3000	35	200
	295*595*600	3	2.32	1900	35	200
F5	595*595*600	6	4.64	4250	45	250
	495*595*600	5	3.87	3650	45	250
	295*595*600	3	2.32	2100	45	250

注：可按客户要求订做

Note: Other specifications are available on request

Synthetic Fiber Pocket Filter



Speciality:

Common Applications: Pre-filtration in air conditioning system

Filter media: Made from synthetic fiber and micro fiber materials for pocket filters in gradual technology. It conforms to European DIN53438-F1 .

Features: Filter media is composed of high quality superfine synthetic fibers made by melt-blown adhesive technology, combined with 10mm anti-burst high-frequency welding structure. The bag side seam is made by high-frequency welding to increase the structural rigidity to ensure filter levels will not fall off when the airflow is suddenly opened or stops and to avoid secondary dust producing, greatly enhancing the comprehensive performance of the bags.

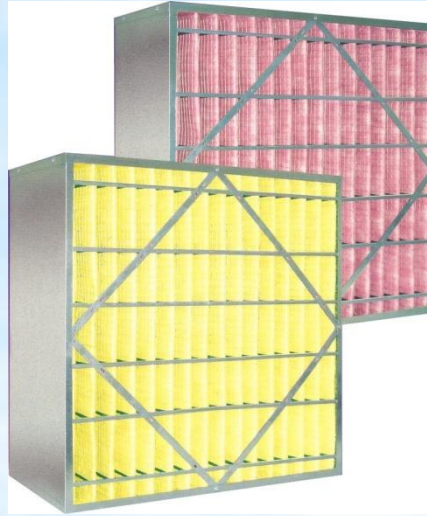
Accompanied by thin air separation air bag structure and conforming to the standard V-shaped structure, it can stabilize the airflow to the greatest degree to make full use of the filter media and ensure the best filter results.

Low resistance and huge effective filtration area

Synthetic Fiber Pocket Filter (Specification):

级别 Filter Class	标准尺寸 Dimensions W*H*D mm	袋数 Pockets	过滤面积 Filter Area (m ²)	额定风量 Rated Airflow (m ³ /h)	初阻力 Initial Resistance (Pa)	建议终阻力 Recommended Final Resistance (Pa)
G3	595*595*600	6	4.64	3400	20	150
	495*595*600	5	3.87	2800	20	150
	295*595*600	3	2.32	1700	20	150
G4	595*595*600	6	4.64	3600	35	200
	495*595*600	5	3.87	3000	35	200
	295*595*600	3	2.32	1900	35	200
F5	595*595*600	6	4.64	4250	50	250
	495*595*600	5	3.87	3650	50	250
	295*595*600	3	2.32	2100	50	250
F6	595*595*600	6	4.64	4250	80	400
	495*595*600	5	3.87	3650	80	400
	295*595*600	3	2.32	2100	80	400
F7	595*595*600	6	4.64	4250	125	450
	495*595*600	5	3.87	3650	125	450
	295*595*600	3	2.32	2100	125	450
F8	595*595*600	6	4.64	4250	150	450
	495*595*600	5	3.87	3650	150	450
	295*595*600	3	2.32	2100	150	450

Box Medium and Sub-HEPA filter



Speciality:

Common Applications: It is widely used in air purification systems of electronics, bio-pharmaceuticals, mechanical instrument & petrochemical industry etc.

Features: Adopting composite non-woven, fiberglass filter and the partition design, corrugated partitions keep the pleat spacing precise to make full use of filter material. Low resistance, high airflow, separated and supported by a metal frame inside, combination of high strength galvanized plate as the frame, it has solid structure and long life cycle.

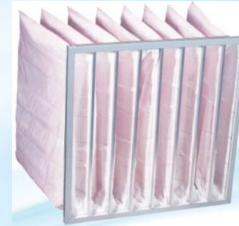
Box Medium and Sub-HEPA filter (Specification):

级别 Filter Class	标准尺寸 Dimensions W*H*D (mm)	过滤面积 Filter Area (m ²)	额定风量 Rated Airflow (m ³ /h)	初阻力 Initial Resistance (Pa)	建议终阻力 Recommended Final Resistance (Pa)
F5	595*595*295	6.0	3500	60	250
	295*595*295	3.0	1750	60	250
F6	595*595*295	6.0	3800	75	400
	295*595*295	3.0	1900	75	400
F7	595*595*295	6.0	3300	95	450
	295*595*295	3.0	1650	95	450
F8	595*595*295	6.0	3000	105	450
	295*595*295	3.0	1500	105	450

注：可按客户要求订做

Note: Other specifications are available on request

Electrostatic Non-woven Pocket Filter



Speciality:

Common Applications: coarse and subtle dust filtration in air conditioning ventilation system

Features: utilizing hot-melt technology, having firm structure and reducing the leaking risk; adopting high-quality electrostatic nonwovens with pockets; with the advantage of diffluent and equal airflow while maintaining bag shape; reducing consumption and making full use of filter materials without the rupturing danger of old fiber glass and the condition of breeding microbe as well as the discomfort to human.

Long working life and the maximum temperature can reach 80°C

Separator HEPA Filter



Speciality:

Common Applications: Filtering 0.3 microns or less suspended particles in the air, it is widely used in the end filtration of the civil or industrial cleaner places requiring a higher degree of cleanliness such as electronics, semiconductor, precision machinery, pharmaceuticals, hospitals, food etc.

Features: Adopting the superfine fiberglass filter paper or PP high efficiency filter paper as the media, separated by folded glue paperboard, aluminum foil, sealed by the new polyurethane sealant. Low loss, high efficiency, light weight, it is tested precisely one by one.

Separator: aluminum foil, glue paperboard

Frame: laminated wood, galvanized steel sheet, aluminum alloy plate

Temperature resistance: 80 °C

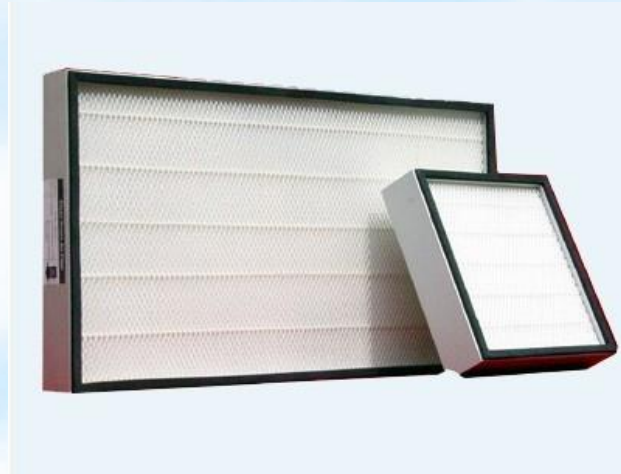
Separator HEPA Filter (Specification):

类型 Type	标准尺寸 Dimensions W*H*D (mm)	过滤面积 Filter Area (m ²)	额定风量 Rated Airflow (m ³ /h)	初阻力 Initial Resistance (Pa)	最大安全终阻力 Maximum Final Resistance (Pa)	建议风量 Recommended Airflow (m ³ /h)
SHW-HY	305*610*150	4.1	425	235	1300	250-500
	610*610*150	8.8	850	235	1300	500-1000
	320*320*220	5.3	425	235	2000	300-425
	484*484*220	11.7	1000	230	2000	600-1000
	630*630*220	15.6	1500	220	1800	1000-1500
	945*630*220	24.0	2250	215	1800	1500-2250
	1260*630*220	32.4	3000	215	1800	2000-3000
	610*610*292	17.6	1700	245	2200	1000-1900
	1220*610*292	33.6	3400	240	2200	2000-3800

The wind speed of unidirectional flow clean system is generally less than 0.45m / s and the inlet side is 0.45m / s (90fpm) according to the test standard;

“Recommended airflow” is only for non-unidirectional flow clean systems, such as dilution systems (also known as turbulent flow clean room)

Mini-pleat HEPA Filter



Speciality:

Common Applications: Filtering 0.3 microns or less suspended particles in the air, it is widely used in the terminal filtration of the civil or industrial cleaner places requiring a higher degree of cleanliness such as electronics, semiconductor, precision machinery, pharmaceuticals, hospitals, food etc.

Features: Adopting the superfine fiberglass filter paper as the media, separated by hot melt adhesive and fiberglass thread, sealed by the new polyurethane sealant, aluminum alloy frame with combined spray protection network both in the outlet and inlet side to protect filter paper. Low loss, high efficiency, light weight, it is tested precisely one by one.

Frame: Aluminum

Temperature resistance: 80 °C

Mini-pleat HEPA Filter (Specification):

类型 Type	标准尺寸 Dimensions W*H*D (mm)	过滤面积 Filter Area (m ²)	风速0.45m/s时阻力 Resistance at the speed of 0.45m/s			建议风量 Recommended Airflow (m ³ /h)
			H13	H14	H15	
SHW-HW	610*610*50	7.0	145	160	180	600-1000
	305*305*70	2.5	120	135	160	100-250
	305*610*70	5.0	120	135	160	300-500
	610*610*70	10.2	120	135	160	600-1000
	915*610*70	15.4	120	135	160	900-1500
	305*610*90	6.5	85	100	120	300-500
	610*610*90	13.1	85	100	120	600-1000
	915*610*90	19.7	85	100	120	900-1500
	1220*610*90	26.5	85	100	120	1200-2000

◦ Note: Other specifications are available on request

- ① The wind speed of unidirectional flow clean system is generally less than 0.45m / s and the inlet side is 0.45m / s (90fpm) according to the test standard;
- ② The resistance and air flow of the Close-pleat high efficiency filter are approximately proportional relationship.
- ③ “Recommended airflow” is only for non-unidirectional flow clean systems, such as dilution systems (also known as turbulent flow clean room)

Mini-pleat HEPA Filter (Efficiency and Specifications Comparison):

欧洲规格 European Specification CEN EN 1822	MPPS效率 MPPS Efficiency	任意点扫描 Any point scan Local eff.	对应传统0.3mm粒子效率 Ep.0.3mm eff.	对应美国标准 Correspond to American Standard
H13	≥99.95%	≥99.75%	≥99.99%	MERV18
H14	≥99.995%	≥99.975%	≥99.999%	MERV19
H15	≥99.9995%	≥99.9975%	≥99.9999%	MERV20
H15	≥99.99995%	≥99.99975%	≥99.99999%	MERV20

注：可按客户要求订做

Note: Other specifications are available on request

High Temperature HEPA Filter



Speciality:

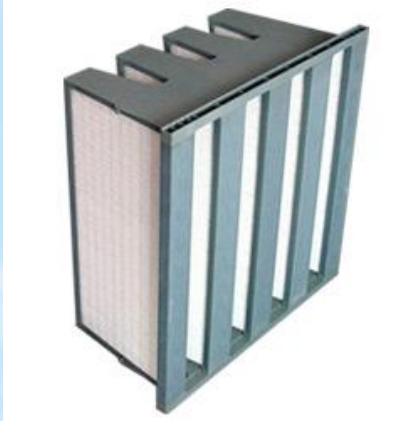
Common Applications: It is mainly used in the areas requiring high-temperature purification equipments and systems of automobile manufacturing, hot air filtration in high temperature spraying environment, food, pharmaceutical and other production processes or the clean oven.

Features: deep-pleat structure, high temperature resistance or superfine fiberglass filter paper as the media, high temperature sealant, special aluminum foil as the separator, special equipment for folding, stainless steel as the framework, its efficiency is up to F9-H14.

Temperature resistance: 250°C and 350°C

V型组合密折式过滤器

V-bank Mini-pleat HEPA Filter



Speciality:

Common Applications: Applied to large air flow ventilation system, filtration system of Pharmaceutical, food, hospitals, clean room etc. It can be used as terminal-filtration of medium and high efficiency filtration system or pre-filtration of super-efficient filtration system.

Features: It is a kind of deep loading high efficiency filter, suitable for permanent or impermanent airflow system. It's constructed to V -type by multiple mini-pleat media, installed in galvanized box or ABS plastic box. Compared with the common filters, it ideally enlarges the filter area, ensuring low media damage and low energy consumption to save cost in the present installation system.

V型组合密折式过滤器（效率规格对比）

V-bank Mini-pleat HEPA Filter (Specification):

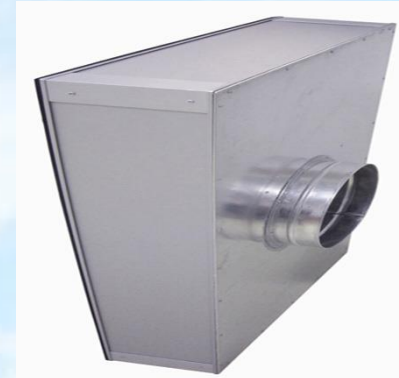
类型 Type	标准尺寸 Dimensions W*H*D (mm)	过滤面积 Filter Area (m ²)	结构形式 Structure	各效率规格的初阻力&风量 Initial resistance & airflow (Pa&m ³ /h)		
				F8	H10	H13
SHW-HV	287*592*292	8.4	法兰型 Flanged Type 4V	68&1200	135&1200	180&1200
				90&1600	180&1600	240&1600
	68&2400	135&2400		180&2400		
	90&3200	180&3200		240&3200		
	592*592*292	18.8	箱型 Box Type 5V	68&1350	135&1350	180&1350
				90&1800	180&1800	240&1800
	68&2700	135&2700		180&2700		
	90&3600	180&3600		240&3600		
305*610*292	13.5					
610*610*292	27					

注：可按客户要求订做

Note: Other specifications are available on request

一体化送风口

FFU / Integrated Supply Unit



Speciality:

Disposable and replaceable types

Common applications: It is used as the terminal filtration of air supply system for plant of high cleanliness and clean room to ensure the flow speed and to avoid eddy current effectively.

Features: The filter efficiency is over 99.99% for particles ≥ 0.3 micron and the cabinet is made by high-quality galvanized steel, cold-rolled steel or stainless steel plate with fireproof and insulating layer outside. Adopting folding chip without partitions or replaceable min-pleat filters built-in, superfine fiberglass filter paper, low resistance, high airflow, small volume, compact structure, simple and convenient installation and maintenance; with high-quality electrophoresis bright aluminum or stainless steel mesh panels on the outlet side, beautiful and generous and each one is tested precisely.

Overspray Filter

Speciality:

Common Appliances: It is widely used in various types of green spray cabinets, wood, metal, furniture spray, car spray, as well as other industrial spraying.

Features: With Wrinkled Tsubaki structure, it can absorb ultra-wide over spray effectively, forcing the over jet stream flow to change direction several times and the particles heavier than the air will adhere to the walls while not be taken away with the air. Over-spray materials fill in the bottom of the fold until they completely block off the filter, then you have to replace it. V type-depth bearer, the filter can become more effective accompanying the saturation which is exactly opposite to glass fiber filters (as for glass fiber filters, the filtration efficiency will decrease accompanying the saturation). The most appropriate inertial separation avoids the paint bouncing back. The front and the back hole can self-support and self-offset to ensure smooth airflow and stability. According to the type, features and solid content state of paint, the filtration efficiency can be up to 98%.

Features: Low air resistance, high performance, low cost

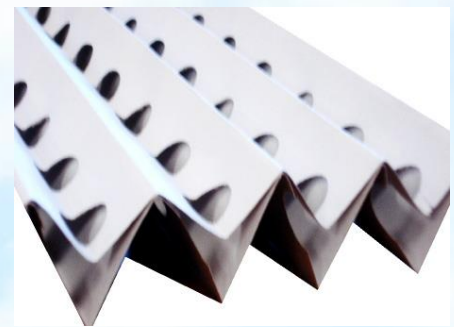
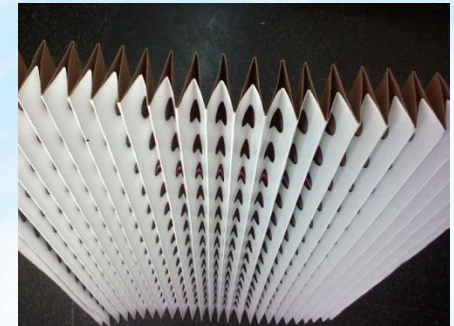
Positive Wind Speed: 1.0m / s

Large adsorption capacity, up to 15Kg / m², 5-6 times more than other filter materials

All types of paint cabinets can be easily converted to use it.

Standard size: 10 meters in length, 0.75/0.9/1.0 m in width

Filter media: Imported environmental rigid kraft paper board



Multiple Overspray Filter



Speciality:

Common applications: Suitable for hand-painting, electrostatic spraying, high-pressure airless spraying work environment;

Features: high filtration efficiency, fire retardant, anti-static, low resistance
Avoiding secondary pollution, simple replacement, it has the economical and good performance.

Face control wind speed: 0.6-1.0m / s

Resistance: <20Pa

Paint purification rate: >90%

Common Specifications: 500 * 500mm

Filter media: Environmental flame-retardant paper

