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## E-Catalogue

**Welcome to our company, my dear friends!**

**Kinds of air filter media and filters for your spray-booth, and other auto repair equipments, as follows:**

### 1. Spray booth ceiling filter

**Speciality: SP-600G; JE-600G; PE-600G**


The series of ceiling filters are mainly used in surface spray-paint industry, especially for final filtration in spray booth, which is processed by high-powered non-woven of anti-break synthetic fiber.

**Conforming to European DIN53438-F1 and American UL900-Class. The outlet side is printed with EN-779 standard classifications,** DIN logo, the registered trademark of SHW. Dense outlet side, low initial resistance, high dust holding capacity, good fire retardant and long working life

Temperature resistance: 100°C

Instantaneous temperature: 120°C

**(Specification):**

Type	Filter Class	Picture	Initial Resistance (Pa)	Final Resistance (Pa)	Dust Holding Capacity (g/m <sup>3</sup> )	Thickness (mm)	Sizes
SP-600G	F5		30	450	460	22mm	1.6*21M
							2.0*21M
JE-600G	F5		30	450	460	22mm	1.6*21M
							2.0*21M
PE-600G	F5		30	450	400	22mm	1.6*21M
							2.0*21M

**Note: 1.SP series is with common net scrim or cloth cover**

**JE series is with cloth cover and superfine fiber**

**3A series is with fire-retardant net scrim and superfine fiber**

**PE series is the best of them with imported PE net and superfine fiber**

**2. Other specifications are available on request**

With pleasure to be your collaborator! Welcome!



## 2. Air Inlet filter

### Speciality: 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

#### (Specification):

Type	Filter Class	Picture	Initial Resistance (Pa)	Final Resistance (Pa)	Dust Holding Capacity (g/m <sup>2</sup> )	Thickness (mm)	Sizes
SP-20	G2		18	150	400	10	1.0*20 M 2.0*20 M
SP-30	G3		20	250	500	15	1.0*20 M 2.0*20 M
SP-40	G4		27	250	600	20	1.0*20 M 2.0*20 M

## 3. Paint Stop (Floor media)

### Speciality: PA-50/PA-100


This product is composited of continuous monofilament glass fiberglass.

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.

Temperature resistance: 170 °C

**Conforming to the European DIN53438-F1**

#### (Specification):

Type	Picture	Initial Resistance (Pa)	Final Resistance (Pa)	Dust Holding Capacity	Thickness (mm)	Sizes
PA-50		20	150	3500g/m <sup>2</sup>	50	0.8*20 M 1.0*20 M 2.0*20 M
PA-100						0.8*20 M 1.0*20 M 2.0*20 M

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## 4. Over spray Filter

### Speciality:

**Common Appliances:** It is widely used in various types of green spray cabinets, wood,

**Features:** Low air resistance, high performance, low cost

**Positive Wind Speed:** 1.0m/s

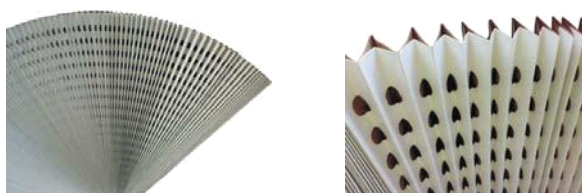
Large adsorption capacity, up to 15Kg / m<sup>2</sup>, 5-6 times more than other filter materials

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 paper board

**Common Size is : 0.75/0.9/1.0m\*10m( one box)**



## 5. Activated Carbon Filter/Nonwoven Cloth

### Speciality:

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.

### (Specification):

Item Picture		Benzene Adsorption	Dust rapping Rate	Thickness	Sizes
Activated carbon filter		≥2500mg/g	≥85%	3/5/8/10mm	1.0*20 M
					1.2*20 M
Activated carbon nonwoven cloth		≥1800mg/g	≥65%	0.5-1.0 mm	1.0*500M
					1.2*500 M

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## 6. 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

**Continuous Temperature:** 80°C

### (Specification):

Filter Class	Picture	Dimensions W*H*D (mm)	Rated Airflow (m³/h)	Initial Resistance (pa)	Final Resistance (pa)	Frame
G3		595*595*46	3200	35	180	Waterproofing chipboard
		595*495*46	2700			
		595*295*46	1600			
		495*495*46	2200			
G4		595*595*46	3200	45	200	Aluminum alloy
		595*495*46	2700			Galvanized sheet
		595*295*46	1600			
		495*495*46	2200			

## 7. 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

### (Specification):

Type	Picture	Dimensions W*H*D (mm)	Rated Airflow (m³/h)	Initial Resistance (Pa)	Frame
SHW-NL		595*595*10	3400	5	Aluminum alloy
		595*495*10	3200		
		495*495*10	2800		
		595*595*20	3400	10	Galvanized sheet
		595*495*20	3200		
		495*495*20	2800		

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## 8. Activated Carbon Filter Mesh

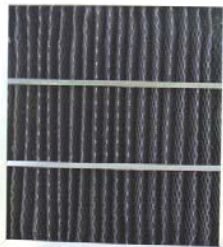
### Speciality:

**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 series can change the filter media by themselves.

### (Specification):

Type	Picture	Dimensions W*H*D (mm)	Rated Airflow (m³/h)	Initial Resistance (Pa)	Final Resistance (Pa)	Proper Temperature (°C)	Frame
SHW-TW		595*595*46	3200	40	180Pa	≤50℃	Waterproofing chipboard
		595*495*46	2700				Aluminum alloy
		595*295*46	1600				Galvanized sheet
		495*495*46	2200				


## 9. 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 composited 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.

### (Specification):

Filter Class	Picture	Dimensions W*H*D (mm)	Pockets	Filter Area (m²)	Rated Airflow (m³/h)	Initial Resistance (Pa)	Final Resistance (Pa)
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

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## 10. 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 composited of high quality superfine synthetic fibers made by melt-blown adhesive technology, combined with 10mm anti-burst high-frequency welding structure. **Low resistance and huge effective filtration area**

### (Specification):

Filter Class	Picture	Dimensions W*H*D mm	Pockets	Filter Area (m²)	Rated Airflow (m³/h)	Initial Resistance (Pa)	Recommended Resistance (Pa)
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

## 11. Electrostatic Nonwoven Pocket Filter

### Speciality:

**Common Applications:** coarse and subtle dust filtration in air conditioning ventilationsystem




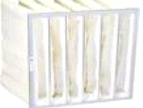
**Features:** utilizing hot-melt technology, having firm structure and reducing the leaking risk; adopting high-quality electrostatic non-woven with pockets; with the advantage of diffluent and equal airflow while maintaining bag shape; reducing consumption and making full use of filter materials without 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℃**

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**(Specification):**

Average Efficiency	Picture	Dimensions W*H*D (mm)	Pockets	Filter Area (m <sup>2</sup> )	Rated Airflow (m <sup>3</sup> /h)	Initial Resistance (Pa)	Recommended Final Resistance (Pa)
45%		595*595*600	6	4.64	4000	55	300
		495*595*600	5	3.87	3300	55	300
		295*595*600	3	2.32	2000	55	300
65%		595*595*600	6	4.64	3250	70	350
		495*595*600	5	3.87	2600	70	350
		295*595*600	3	2.32	1650	70	350
85%		595*595*600	6	4.64	3150	95	350
		495*595*600	5	3.87	2550	95	350
		295*595*600	3	2.32	1560	95	350
95%		595*595*600	6	4.64	2800	120	400
		495*595*600	5	3.87	2350	120	400
		295*595*600	3	2.32	1420	120	400

**12. 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, 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.

**Separator:** aluminum foil, glue paperboard

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

**Temperature resistance:** 80 °C

**(Specification):**

Type	Picture	Dimensions W*H*D (mm)	Filter Area (m <sup>2</sup> )	Rated Airflow (m <sup>3</sup> /h)	Initial Resistance (Pa)	Final Resistance (Pa)	Recommended Airflow (m <sup>3</sup> /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

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### 13. 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, 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

**Frame:** Aluminum, Galvanized sheet

**Temperature resistance:** 80 °C

#### (Specification):

Type	Picture	Dimensions W*H*D (mm)	Filter Area (m <sup>2</sup> )	Resistance at the speed of 0.45m/s			Recommended Airflow (m <sup>3</sup> /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


### 14. V-bank Mini-Pleat HEPA Filter

#### Speciality:

**Common Applications:** It can be used as high efficiency filtration system.

**Features:** 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.

#### (specification):

Type	Picture	Dimensions W*H*D (mm)	Filter Area (m²)	Structure	Initial resistance & airflow (Pa&m³/h)		
					F8	H10	H13
SHW-HV		287*592*292	8.4	Flanged Type 4V	68&1200	135&1200	180&1200
		592*592*292	18.8		90&1600	180&1600	240&1600
					68&2400	135&2400	180&2400
					90&3200	180&3200	240&3200
		305*610*292	13.5	Box Type 5V	68&1350	135&1350	180&1350
		610*610*292	27		90&1800	180&1800	240&1800
					68&2700	135&2700	180&2700
					90&3600	180&3600	240&3600

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