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VCON Global Trading your trusted partner in clean air technology. With a legacy of innovation spanning over two decades, VCON Air Filters has been at the forefront of manufacturing high-quality air filtration solutions designed to meet the diverse needs of industries worldwide.

At VCON Air Filters, we understand the critical importance of clean air for health, productivity, and environmental sustainability. That's why we have developed a comprehensive range of air filters tailored to various applications, from industrial manufacturing, Cement factory and industrial factory process.

Our commitment to excellence drives us to continuously research and develop cutting-edge filtration technologies. Whether you require HEPA filters for stringent cleanroom environments, activated carbon filters for odor control, V filter, Aluminum filter or high-efficiency particulate filters, VCON Air Filters delivers solutions that exceed industry standards for all categories of particles filtration.

Backed by a team of experienced engineers and a state-of-the-art manufacturing facility, we ensure that every air filter bearing the VCON name is crafted with precision and rigorously tested for performance and durability. Our dedication to quality assurance guarantees that our products not only meet but also surpass customer expectations.

Beyond products, VCON Air Filters prides itself on providing exceptional customer service and support. Our knowledgeable team is ready to assist you in selecting the right filtration solution for your specific requirements, offering technical advice, customization options, and reliable after-sales service.

Contact us today to learn more about how we can help you achieve cleaner, healthier air environments.

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Pre-Efficiency Filter Media

FILTRATION GRADE **G2** **G3** **G4**



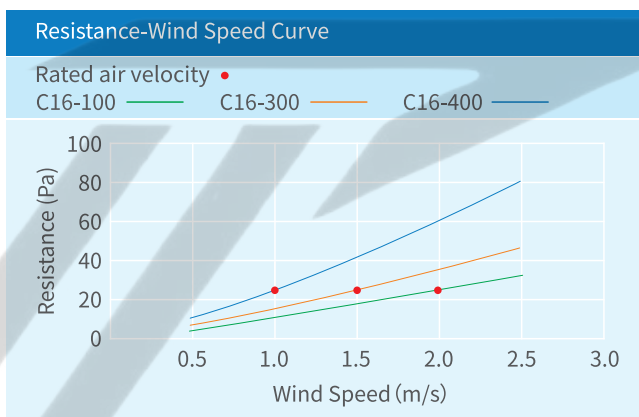
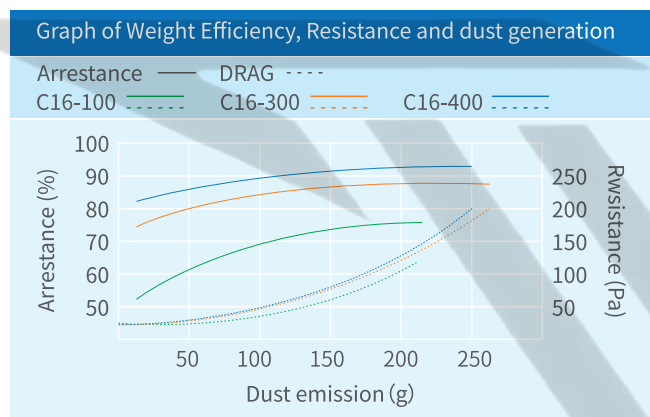
PRODUCT FEATURES

- ▶ Designed as preliminary filtration process for general ventilation equipment and air control systems.
- ▶ Fracture-resistant PET synthetic fiber as raw material. Economical option with high dust holding capacity, low resistance and long service life.

USING

- ▶ It is suitable for various industrial purposes, such as pollution prevention, public construction, air conditioning, electronics, pharmaceuticals, food, etc.

TECHNICAL DATA



Material	100% POLYESTER				
Model	C16-100	C16-150	C16-300	C16-400	C16-500
Thickness (mm)	5	10	15	20	25
Weight (g/m ²)	100	150	200	220	350
Testing Wind Velocity (m/s)	2	2	1.5	1	1
Initial Prssure Drop (Pa)	20	20	20	25	35
Final Prssure Drop (Pa)	125	200	200	250	250
Average Weight Efficiency	68%	83%	85%	91%	91%-95%
Max Operating Temperature (°C)	120	120	120	120	120
Dust Holding Capacity (g/m ²)	380	450	500	580	680
Filtration Grade	G2	G3	G3	G4	G4

★ Data may change without notice. Other specifications and thickness are available on request.



Air Inlet Filter Media

FILTRATION GRADE **G2** **G3** **G4**

PRODUCT FEATURES

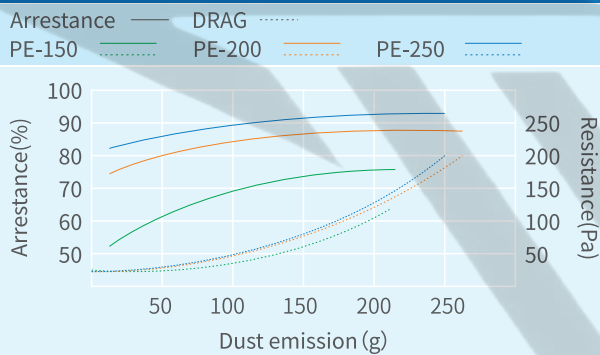
- ▶ Multi-layer structure.
- ▶ Reusable after vacuuming and cleaning.
- ▶ Economical option with high dust holding capacity, low resistance and long service life.

USING

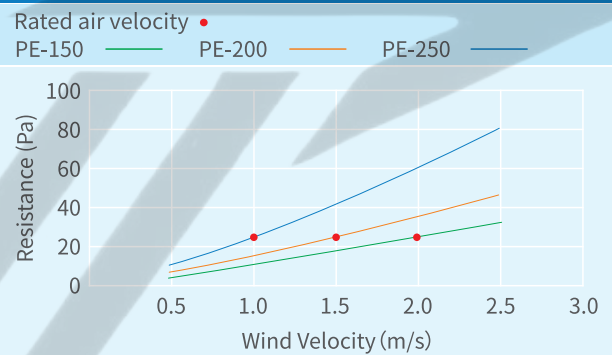
- ▶ It is suitable for various industrial purposes, such as pollution prevention, public construction, air conditioning, electronics, pharmaceuticals, food processing, etc.

TECHNICAL DATA

Graph of Weight Efficiency, Resistance and dust generation



Resistance-Wind Velocity Curve



Material	100% POLYESTER		
Model	PE-150	PE-200	PE-250
Thickness (mm)	10	15	20
Weight (g/m ²)	150	200	250
Testing Wind Velocity (m/s)	2	1.5	1
Initial Prssure Drop (Pa)	20	20	25
Final Prssure Drop (Pa)	200	200	250
Average Weight Efficiency	83%	85%	91%
Max Operating Temperature (°C)	120	120	120
Dust Holding Capacity (g/m ²)	450	500	580
Filtration Grade	G2	G3	G4

★ Data may change without notice. Other specifications and thickness are available on request.



Ceiling Filter Media C-600G

FILTRATION GRADE **M5**



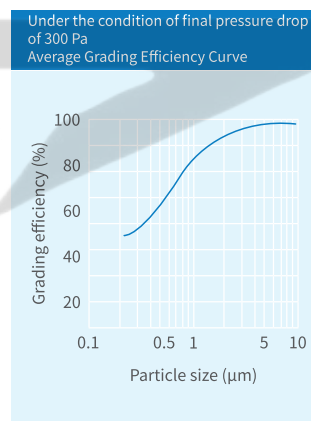
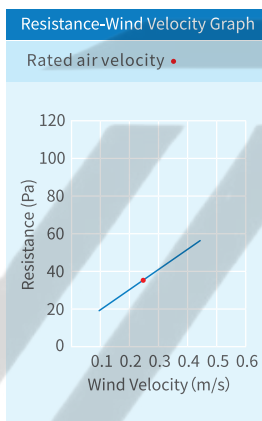
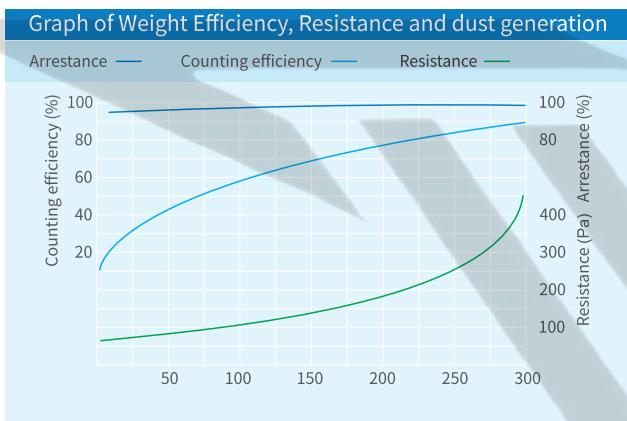
PRODUCT FEATURES

- ▶ Multi-layer structure immersed with glue entirely, the air outlet surface is flame retardant mesh.
- ▶ High flame retardancy and high dust holding capacity.
- ▶ With the adhesive completely infiltrates the media, the dust particles are blocked. Thus the air flow is completely filtered and spread evenly which forming laminar flow state to achieve the best spraying effect.
- ▶ Comply with Flame Retardancy classification standards DIN53438-F1, UL900-Class2.

USING

▶ It is mostly used in the spraying industry, such as spray paint systems and spray paint workshops. Also used in ventilation systems and equipment for electronics, chemicals, medicine, food, mineral processing, smelting industry.

TECHNICAL DATA



Material	100%POLYESTER FIBRES
Model	C-600G
Thickness (mm)	20±3
Dust Holding Capacity (g/m²)	450
Max Operating Temperature (°C)	120
Filtration Grade	M5

Weight (g/m²)	600
Testing Wind Velocity (m/s)	0.25
Rated Air Flow (m³/h)	900
Initial Prssure Drop (Pa)	30
Final Prssure Drop (Pa)	400
Average Weight Efficiency	96%

★ Data may change without notice. Other specifications and thickness are available on request.



Ceiling Filter Media S-560G

FILTRATION GRADE **M5**



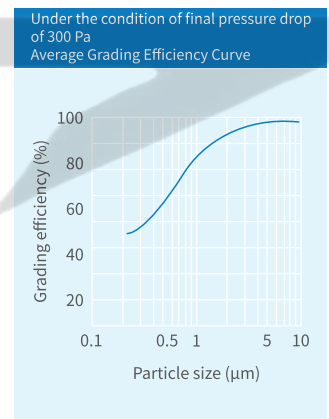
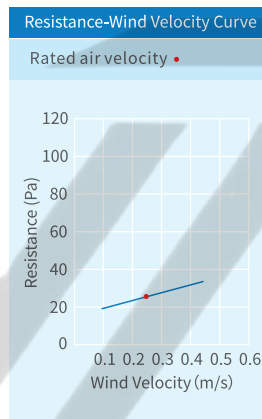
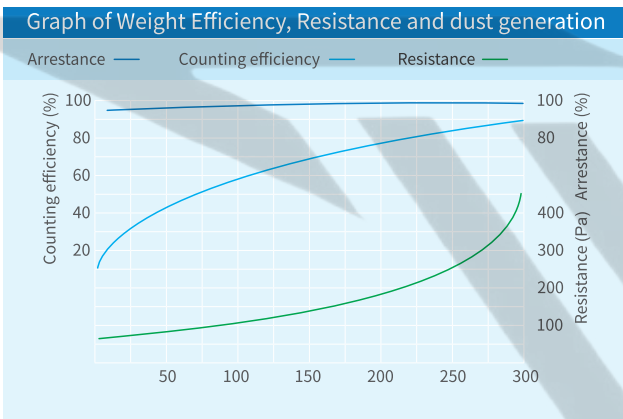
PRODUCT FEATURES

- ▶ Multi-layer structure immersed with glue on the surface, fabric mesh is on the air outlet surface.
- ▶ With the adhesive infiltrates the media, the dust particles are blocked. Thus the air flow is completely filtered and spread evenly which forming laminar flow state to achieve the best spraying effect.
- ▶ Comply with Flame Retardency classification standards DIN53438-F1, UL900-Class2.

USING

▶ It is mostly used in the spraying industry, such as spray paint systems and spray paint workshops. Also used in ventilation systems and equipment for electronics, chemicals, medicine, food, mineral processing, smelting industry.

TECHNICAL DATA



Material	100%POLYESTER FIBRES
Model	S-560G
Thickness (mm)	20±3
Dust Holding Capacity (g/m²)	380
Max Operating Temperature (°C)	120
Filtration Grade	M5

Weight (g/m²)	560
Testing Wind Velocity (m/s)	0.25
Rated Air Flow (m³/h)	900
Initial Prssure Drop (Pa)	25
Final Prssure Drop (Pa)	300
Average Weight Efficiency	94%

★ Data may change without notice. Other specifications and thickness are available on request.



Ceiling Filter Media S-600G

FILTRATION GRADE **M5**

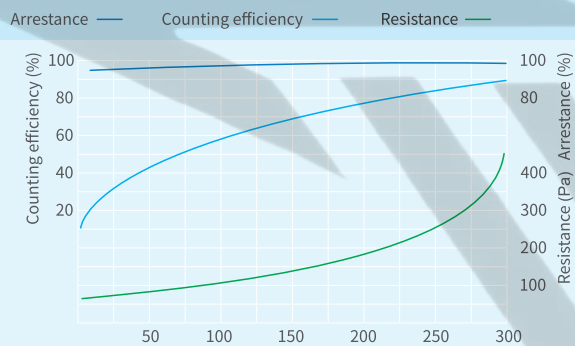
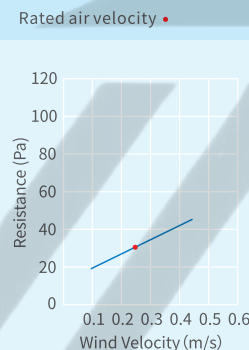
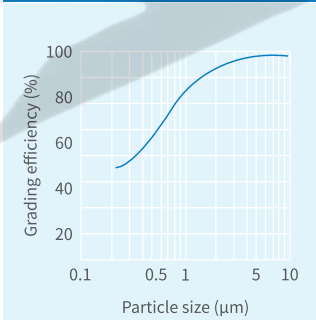
PRODUCT FEATURES

- ▶ Multi-layer structure immersed with glue on the surface, fabric mesh is on the air outlet surface.
- ▶ With the adhesive infiltrates the media, the dust particles are blocked. Thus the air flow is completely filtered and spread evenly which forming laminar flow state to achieve the best spraying effect.
- ▶ Comply with Flame Retardency classification standards DIN53438-F1, UL900-Class2.

USING

- ▶ It is mostly used in the spraying industry, such as spray paint systems and spray paint workshops. Also used in ventilation systems and equipment for electronics, chemicals, medicine, food, mineral processing, smelting industry.

TECHNICAL DATA

Graph of Weight Efficiency, Resistance and dust generation**Resistance-Wind Velocity Graph****Under the condition of final pressure drop of 300 Pa Average Grading Efficiency Curve**

Material	100%POLYESTER FIBRES
Model	S-600G
Thickness (mm)	20±3
Dust Holding Capacity (g/m²)	450
Max Operating Temperature (°C)	100
Filtration Grade	M5

Weight (g/m²)	600
Testing Wind Velocity (m/s)	0.25
Rated Air Flow (m³/h)	900
Initial Prssure Drop (Pa)	30
Final Prssure Drop (Pa)	450
Average Weight Efficiency	96%

★ Data may change without notice. Other specifications and thickness are available on request.



Ceiling Filter Media FS-350G

FILTRATION GRADE **M5**



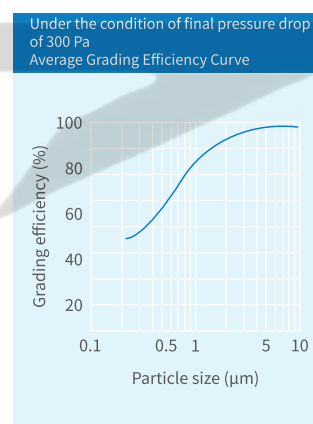
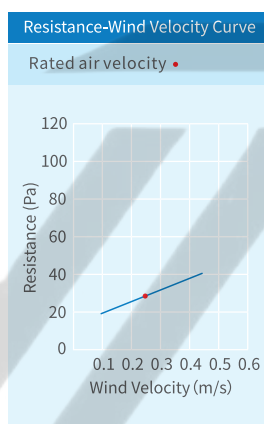
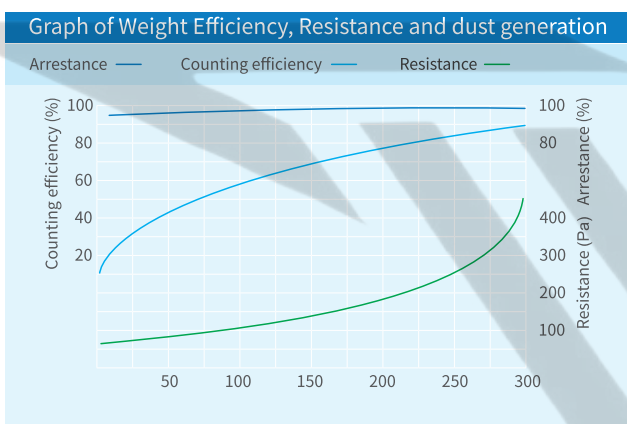
PRODUCT FEATURES

- ▶ Multi-layer structure immersed with glue entirely, micro fiber-glass mesh is on the air outlet surface.
- ▶ With the adhesive completely infiltrates the media, the dust particles are blocked. Thus the air flow is completely filtered and spread evenly which forming laminar flow state to achieve the best spraying effect.
- ▶ Comply with Flame Retardency classification standards DIN53438-F1, UL900-Class2.

USING

▶ It is mostly used in the spraying industry, such as spray paint systems and spray paint workshops. Also used in ventilation systems and equipment for electronics, chemicals, medicine, food, mineral processing, smelting industry.

TECHNICAL DATA



Material	100%POLYESTER FIBRES
Model	FS-350G
Thickness (mm)	20±3
Dust Holding Capacity (g/m²)	400
Max Operating Temperature (°C)	120
Filtration Grade	M5

Weight (g/m²)	350
Testing Wind Velocity (m/s)	0.25
Rated Air Flow (m³/h)	900
Initial Prssure Drop (Pa)	28
Final Prssure Drop (Pa)	450
Average Weight Efficiency	90%

★ Data may change without notice. Other specifications and thickness are available on request.



Ceiling Filter Media FS-600G

FILTRATION GRADE **M5**

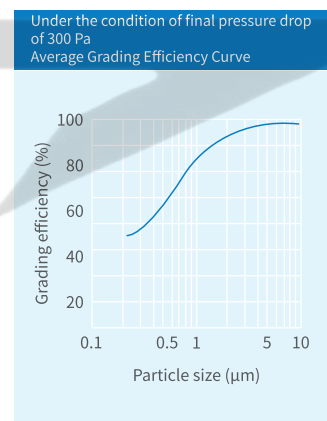
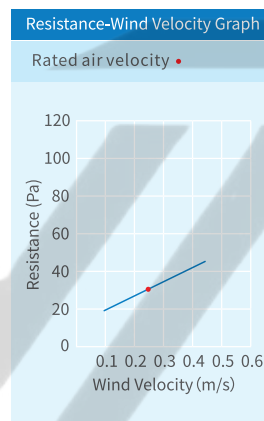
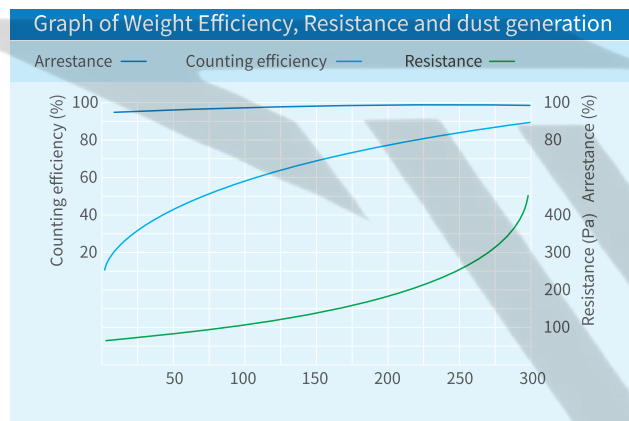
PRODUCT FEATURES

- ▶ Multi-layer structure immersed with glue entirely, micro fiber-glass mesh is on the air outlet surface.
- ▶ With the adhesive completely infiltrates the media, the dust particles are blocked. Thus the air flow is completely filtered and spread evenly which forming laminar flow state to achieve the best spraying effect.
- ▶ Comply with Flame Retardency classification standards DIN53438-F1, UL900-Class2.

USING

- ▶ It is mostly used in the spraying industry, such as spray paint systems and spray paint workshops. Also used in ventilation systems and equipment for electronics, chemicals, medicine, food, mineral processing, smelting industry.

TECHNICAL DATA



Material	100%POLYESTER FIBRES
Model	FS-600G
Thickness (mm)	20±3
Dust Holding Capacity (g/m²)	430
Max Operating Temperature (°C)	120
Filtration Grade	M5

Weight (g/m²)	600
Testing Wind Velocity (m/s)	0.25
Rated Air Flow (m³/h)	900
Initial Prssure Drop (Pa)	30
Final Prssure Drop (Pa)	450
Average Weight Efficiency	93%

★ Data may change without notice. Other specifications and thickness are available on request.



Ceiling Filter Media FS-620G

FILTRATION GRADE **M6**

PRODUCT FEATURES

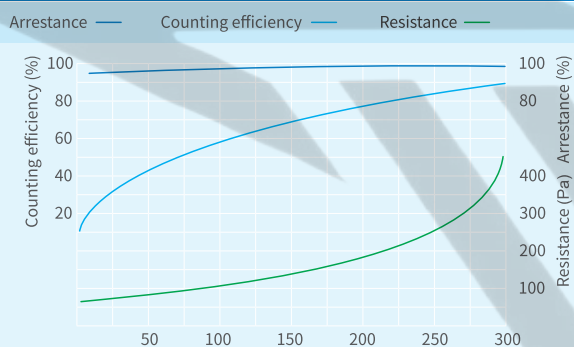
- ▶ Multi-layer structure immersed with glue entirely, micro fiber-glass mesh is on the air outlet surface.
- ▶ With the adhesive completely infiltrates the media, the dust particles are blocked. Thus the air flow is completely filtered and spread evenly which forming laminar flow state to achieve the best spraying effect.
- ▶ Comply with Flame Retardency classification standards DIN53438-F1, UL900-Class2.

USING

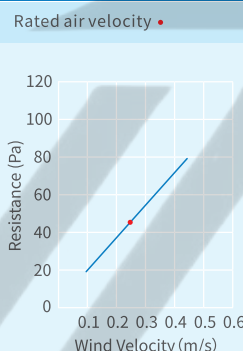
- ▶ It is mostly used in the spraying industry, such as spray paint systems and spray paint workshops. Also used in ventilation systems and equipment for electronics, chemicals, medicine, food, mineral processing, smelting industry.

TECHNICAL DATA

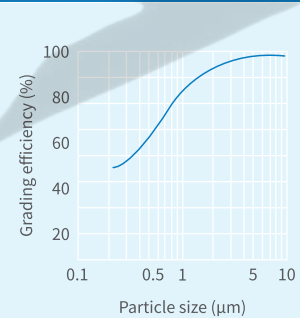
Graph of Weight Efficiency, Resistance and dust generation



Resistance-Wind Velocity Curve



Under the condition of final pressure drop of 300 Pa Average Grading Efficiency Curve



Material	100%POLYESTER FIBRES
Model	FS-620G
Thickness (mm)	20±3
Dust Holding Capacity (g/m²)	450
Max Operating Temperature (°C)	120
Filtration Grade	M6

Weight (g/m²)	620
Testing Wind Velocity (m/s)	0.25
Rated Air Flow (m³/h)	900
Initial Prssure Drop (Pa)	45
Final Prssure Drop (Pa)	350
Average Weight Efficiency	94%

★ Data may change without notice. Other specifications and thickness are available on request.



Ceiling Filter Media AF-600G

FILTRATION GRADE **M5**



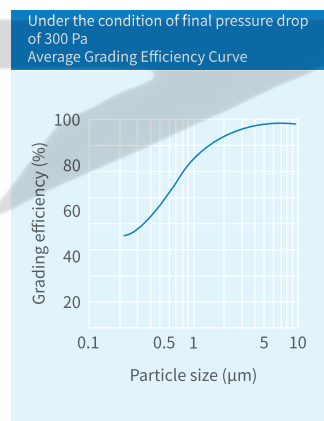
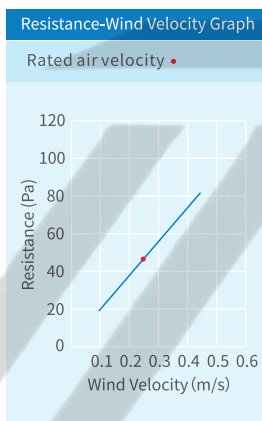
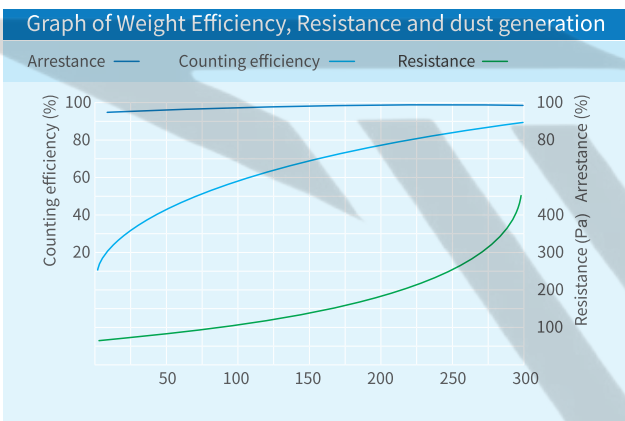
PRODUCT FEATURES

- ▶ Multi-layer structure immersed with glue on the surface, the air outlet surface is flame retardant mesh.
- ▶ High flame retardancy and high dust holding capacity.
- ▶ With the adhesive completely infiltrates the media, the dust particles are blocked. Thus the air flow is completely filtered and spread evenly which forming laminar flow state to achieve the best spraying effect.
- ▶ Comply with Flame Retardancy classification standards DIN53438-F1, UL900-Class2.

USING

▶ It is mostly used in the spraying industry, such as spray paint systems and spray paint workshops. Also used in ventilation systems and equipment for electronics, chemicals, medicine, food, mineral processing, smelting industry.

TECHNICAL DATA



Material	100%POLYESTER FIBRES
Model	AF-600G
Thickness (mm)	20±3
Dust Holding Capacity (g/m²)	520
Max Operating Temperature (°C)	120
Filtration Grade	M5

Weight (g/m²)	600
Testing Wind Velocity (m/s)	0.25
Rated Air Flow (m³/h)	900
Initial Prssure Drop (Pa)	45
Final Prssure Drop (Pa)	350
Average Weight Efficiency	95%

★ Data may change without notice. Other specifications and thickness are available on request.



Ceiling Filter Media CL-600G

FILTRATION GRADE **M5**

PRODUCT FEATURES

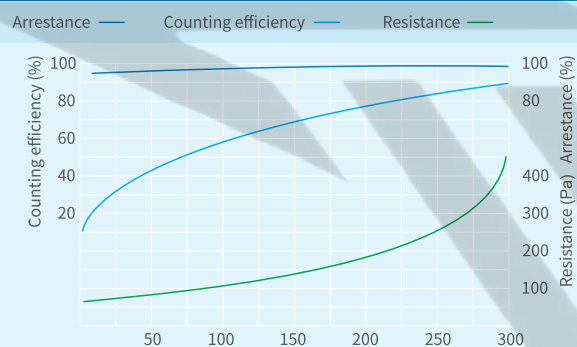
- ▶ Multi-layer structure immersed with glue entirely, the air outlet surface is flame retardant mesh.
- ▶ High flame retardancy and high dust holding capacity.
- ▶ With the adhesive completely infiltrates the media, the dust particles are blocked. Thus the air flow is completely filtered and spread evenly which forming laminar flow state to achieve the best spraying effect.
- ▶ Comply with Flame Retardency classification standards DIN53438-F1, UL900-Class2.

USING

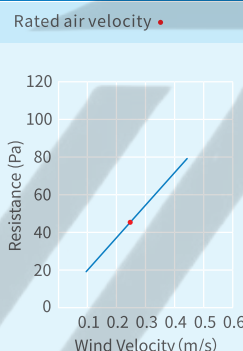
- ▶ It is mostly used in the spraying industry, such as spray paint systems and spray paint workshops. Also used in ventilation systems and equipment for electronics, chemicals, medicine, food, mineral processing, smelting industry.

TECHNICAL DATA

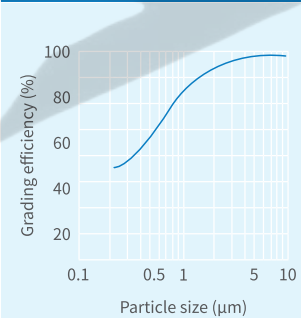
Graph of Weight Efficiency, Resistance and dust generation



Resistance-Wind Velocity Curve



Under the condition of final pressure drop of 300 Pa Average Grading Efficiency Curve



Material	100%POLYESTER FIBRES
Model	CL-600G
Thickness (mm)	20±3
Dust Holding Capacity (g/m²)	450
Max Operating Temperature (°C)	120
Filtration Grade	M5

Weight (g/m²)	600
Testing Wind Velocity (m/s)	0.25
Rated Air Flow (m³/h)	900
Initial Prssure Drop (Pa)	30
Final Prssure Drop (Pa)	400
Average Weight Efficiency	96%

★ Data may change without notice. Other specifications and thickness are available on request.



GS Series Filter Media

 FILTRATION GRADE **G2** **G3** **G4**


PRODUCT FEATURES

- ▶ Using imported flame-retardant fiber, it is environmentally friendly flame-retardant product.
- ▶ It can be cleaned and used repeatedly, with large dust holding capacity and long service life.
- ▶ With an incremental structure, the fiber density gradually increases toward the pure air.
- ▶ Comply with the standard DIN54837: 2007 and DIN 5510-2: 2009.

USING

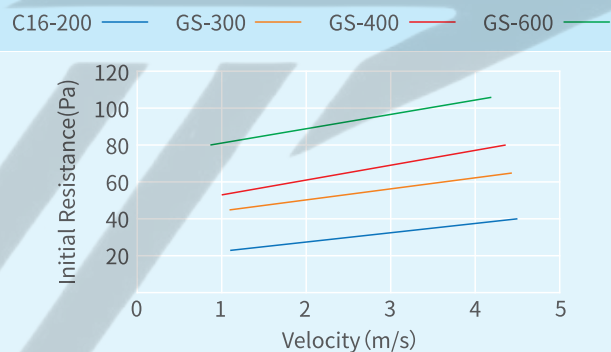
- ▶ Used for pre-filtration of various air filtration equipment. Also used in various industry such as electronics, chemicals, medicine, food, mineral processing, smelting.

TECHNICAL DATA

According to DIN54837:2007 and DIN5510-2:2009, the test results and classification are as follows:

Classification	C16-200
Flammability Level	S4
Smoke Level	SR2
Drip Level	ST2

Initial Resistance-Wind Velocity Graph



Model	C16-200	GS-300	GS-400	GS-600
Standard Size W x L (m)	1.6 x 20	1.6 x 20	1.6 x 20	1.6 x 20
Thickness (mm)	10	10	20±3	20±3
Weight (g/m ²)	200	200	300	400
Testing Wind Velocity (m/s)	2.5	2.5	2.5	2.5
Initial Prssure Drop (Pa)	30	54	64	93
Final Prssure Drop (Pa)	150	150	200	250
Average Weight Efficiency	70%	70%	76%	82%
Max Operating Temperature (°C)	80	80	80	80
Dust Holding Capacity (g/m ²)	600	600	600	-
Filtration Grade	G2	G2	G3	G4

★ Data may change without notice. Other specifications and thickness are available on request.



ES Hot Air Cotton



PRODUCT FEATURES

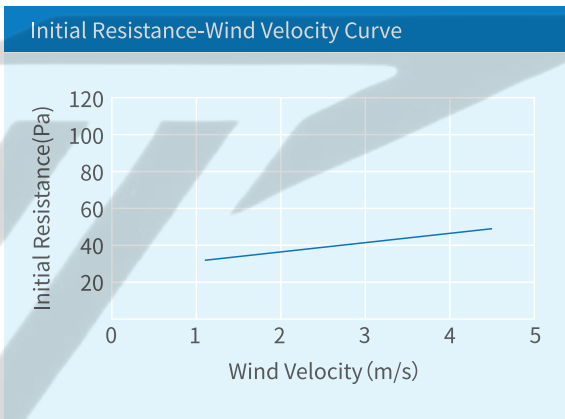
- ▶ Pure white, fluffy, soft hand feel, good elasticity, strong warmth retention, good moisture absorption and breathability.
- ▶ Natural flame-retardant fiber is used, and there is no dripping phenomenon. Has a permanent self-extinguishing effect.
- ▶ Stable resistance to acid and alkali, non-toxic, does not produce any chemical effects. The product is naturally degradable

USING

- ▶ It is widely used in labor protection masks, diapers, sanitary napkins, adult nursing pads, eye masks, etc.

TECHNICAL DATA

Material	ES Fiber, Polyester Fiber
Weight	50 - 60g/m ²
Thickness	1 - 3mm
Width	26cm (customizable)
Color	Pure White
Package	Conventional packaging is plastic bags into rolls, 50M or 100M/roll, or customized according to customer requirements.
Performance	It is soft, moisture absorption, insoluble drop, non-toxic, natural degradation, warm retention and strong filtration performance.



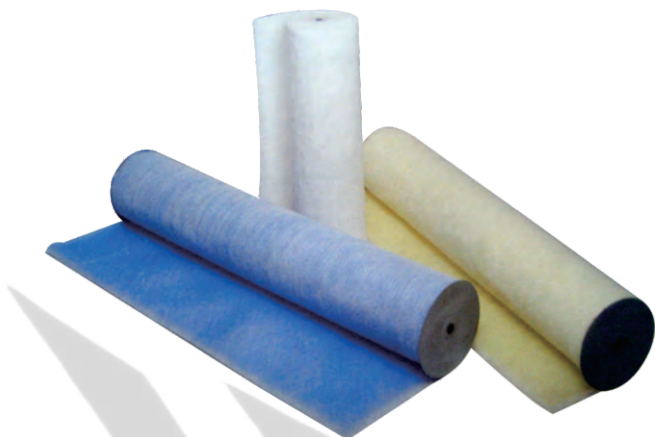
★ Data may change without notice. Other specifications and thickness are available on request.





Automatic Roller Shutter Cotton

FILTRATION GRADE **G2** **G3** **G4**



PRODUCT FEATURES

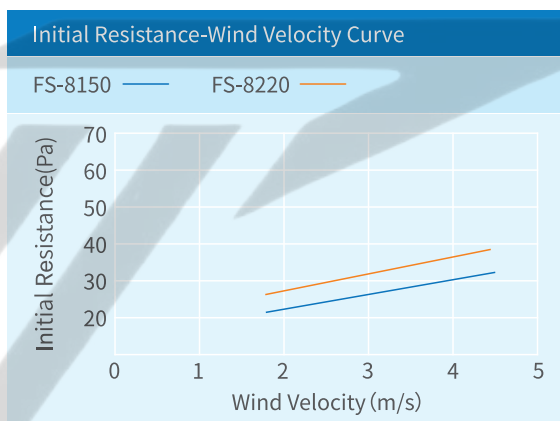
- ▶ Made by organic synthetic fiber, the back of the filter cotton has a strong woven net.
- ▶ With an incremental structure, the fiber density gradually increases toward the pure air. This structure not only improves the filtering performance, but also increases the dust holding capacity, thereby extends the service life of the filter cotton.

USING

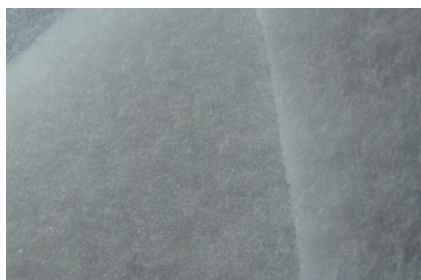
- ▶ It is suitable for air filters that can automatically renew the filter material, and can be used with equipment of all other manufacturers.

TECHNICAL DATA

Material	Synthetic Fiber			
Model	FS-8150	FS-8220	PA-850	PA-860
Thickness (mm)	10/13	18	50	60
Initial Prssure Drop (Pa)	25	30	20	25
Testing Wind Velocity (m/s)	2.5	2.5	2.5	2.5
Max Operating Temperature (°C)	120	120	120	120
Average Weight Efficiency	85%	95%	85%	95%



★ Data may change without notice. Other specifications and thickness are available on request.





Fiberglass Filter Media



PRODUCT FEATURES

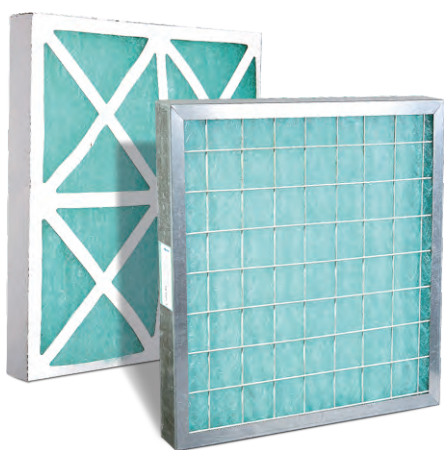
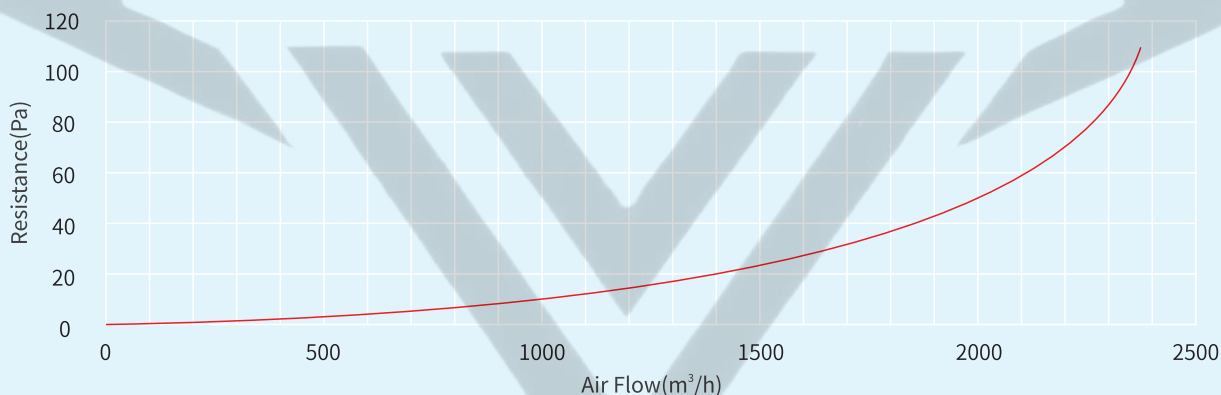
- ▶ Fluffy and elastic structure Recover from deformation under pressure, thus all the space of the filter material is fully utilized to collect paint mist and sticky dust.
- ▶ High-strength glass fiber material. From the air inlet side (green) to the air outlet side (white), the fiber density gradually increases.
- ▶ Corrosion resistance. Resistance to various solvents, acid and alkali resistance, and high temperature resistance.

USING

- ▶ It is suitable for paint mist, filters, and baking booths.

TECHNICAL DATA

Air Flow-Resistance Curve



Model	PA-50/60	PA-100
Thickness (mm)	50/60	100
Weight (g/m ²)	240	320
Testing Wind Velocity (m/s)	0.7-1.5	0.7-1.75
Initial Prssure Drop (Pa)	15	20
Final Prssure Drop (Pa)	250	280
Max Operating Temperature (°C)	120	120
Dust holding Capacity (g/m ²)	3200-3600	3600-4900
Average Weight Efficiency	93%	96%

★ Data may change without notice. Other specifications and thickness are available on request.



Paint pocket

FILTRATION GRADE **G2** **G3** **G4**



PRODUCT FEATURES

- ▶ Composed of 100% synthetic fiber raw materials.
- ▶ The diamond-shaped three-dimensional material structure prevents premature blockage of the filter material surface. This structure doubles the filter area, thereby increasing the ability of the filter to absorb paint mist.
- ▶ The high-density fiber layer at the bottom of the filter cotton is more efficient in separating paint mist, even fine paint mist can also be effectively intercepted.
- ▶ The built-in grid pad ensures the stability of the material structure and resistance to fracture. The service life is several times than glass fiber paint mist cotton, which can extend the service life of the downstream filter stage to 300%.

USING

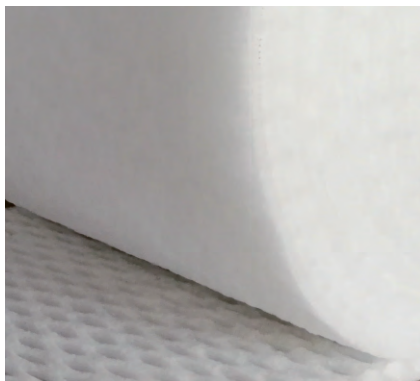
▶ It is suitable for the filter material of the paint mist filter in the spray booth and intercept the slag generated by high solid paint, powder paint, water-based paint, multi-component paint, colorant and adhesive in other air filtration links. It can be made into a filter or used directly.

TECHNICAL DATA

Weight (g/m²)	400
Thickness (mm)	30
Paint Capacity (g/m²)	3000
Dust Holding Capacity (g/m²)	514
Continuous Temperature Resistance (°C)	100

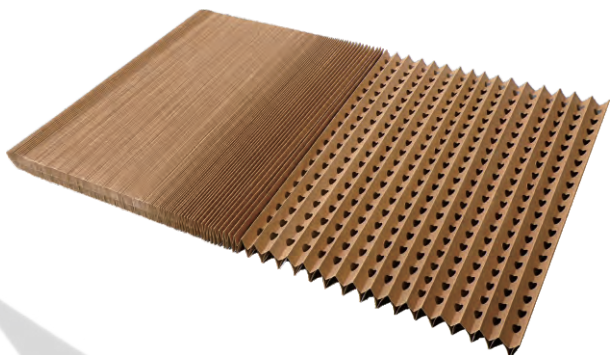
Testing Wind Velocity (m/s)	0.6
Testing Air Volume (m³/h)	2160
Initial Prssure Drop (Pa)	15
Final Prssure Drop (Pa)	200
Average Weight Efficiency	>99.5%

★ Data may change without notice. Other specifications and thickness are available on request.





Paint Filter Paper



PRODUCT FEATURES

- ▶ Low wind resistance, high performance and low cost.
- ▶ Exceed the service life of other filters, up to six times.
- ▶ Paint mist particles and powder are easy to recover and process, and will not cause secondary pollution.
- ▶ Imported environmental protection hard kraft paper filter material.

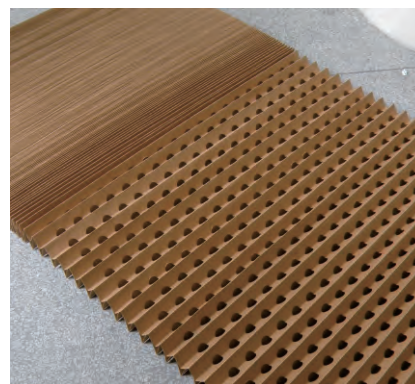
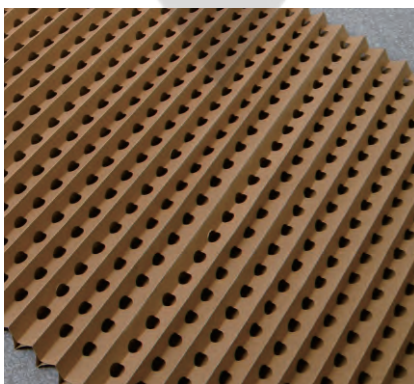
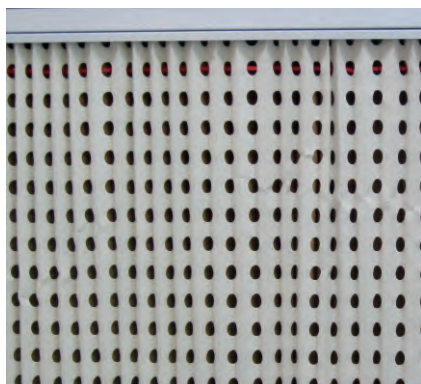
USING

- ▶ The paint filter paper in the spray painting field of various industries is an ideal paint mist filter recovery device for spray painting lines, spray booths.

TECHNICAL DATA

Model	JL075	JL090	JL100
Specification (m)	0.75 x 10	0.90 x 10	1.00 x 10
Thickness (mm)	55	55	55
Testing Wind Velocity (m/s)	0.5-1.0	0.5-1.0	0.5-1.0
Rated Wind Velocity (m ³ /h)	3600	3600	3600

★ Data may change without notice. Other specifications and thickness are available on request.





Columbus Overspray Filter Media



PRODUCT FEATURES

- ▶ High filtration efficiency, fire retardant, antistatic, easy replacement.
- ▶ Suitable for manual spraying, electrostatic spraying, high-pressure airless spraying and other production equipment.

USING

- ▶ Apply to all kinds of environmental protection spray booths, woodware, hardware, furniture spraying, automobile spraying and other industrial spraying.

TECHNICAL DATA

Wind Velocity (m/s)	Specification W x H x D (mm)	Resistance (Pa)	Paint Mist Purification Rate	Average Interception (g/m ²)
0.6-1.0	500 x 500 x 35	< 20	> 90%	4.6-6 (10 layer)

★ Data may change without notice. Other specifications and thickness are available on request.

Paint Mist Collection Filter



PRODUCT FEATURES

- ▶ High filtration efficiency, fire retardant, antistatic, easy replacement.
- ▶ Suitable for manual spraying, electrostatic spraying, high-pressure airless spraying and other production equipment.

USING

- ▶ Apply to all kinds of environmental protection spray booths, woodware, hardware, furniture spraying, automobile spraying and other industrial spraying.

TECHNICAL DATA

Specification (mm)	500 x 500 x 500	Plot Ratio (kg/m ²)	Around 60	Filtration Crade	97%
Air Flow (m ³ /h)	1000 - 1500	Wind Speed (m/s)	0.25 - 2.0	Initial Resistance (Pa)	55
Final Prssure Drop(Pa)	580	Heat Resistance (°C)	80	Humidity	50%
Weight Before Use (g)	4000	Flame Resistance	Comply with DIN4102 certificate and fire capacity building material B1 grade.		



ACTIVATED CARBON SERIES

20/76

CLEAR-LINK® - 21-



Honeycomb Activated Carbon



PRODUCT FEATURES

- ▶ It is widely used in various organic waste gas purification systems with low concentration and large air volume.
- ▶ The wind resistance coefficient is small and has excellent adsorption, desorption and gas kinetic properties.

USING

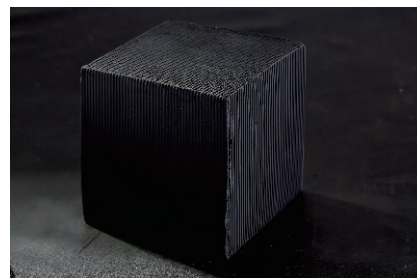
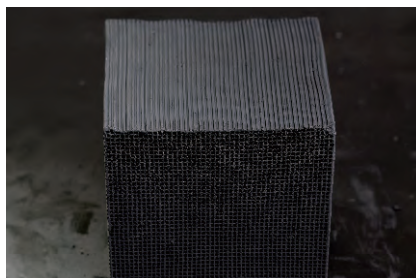
- ▶ Used in low concentration, large air volume of all kinds of organic waste gas purification system.

TECHNICAL DATA

Specification (mm)	100 x 100 x 100 100 x 100 x 50 100 x 100 x 20
Number of holes	50 x 50 = 1600 hole
Aperture (mm)	1.53 / 1.58
Hole Distance (mm)	2
Filter Resistance	≤250Pa

Carbon Tetrachloride Adsorption Value	30% - 45%
Benzene Adsorption Rate	37%
Operating Temperature	<400
Compressive Strength (mpa)	Positive pressure ≥0.7 Manometry ≥0.3
PH Value	8.13
Specific Surface Area	750

★ Data may change without notice. Other specifications and thickness are available on request.





Activated Carbon Filter Sponge



PRODUCT FEATURES

- ▶ Powdered activated carbon is used to support the cellular polyurethane foam to make it have good air permeability and efficient adsorption.
- ▶ Suitable for various air purification and sterilization devices.

USING

- ▶ Used to purify malodorous substances in the air, such as benzene, methanol, ammonia, carbon dioxide, and harmful gases NO₂, SO₂, etc. It is suitable for various air conditioning and ventilation systems, which can effectively remove pollution and clean air.

TECHNICAL DATA

Thickness (cm)	Proportion Rate (g/m ²)	Active Carbon Content (m ²)	Benzene Adsorption Rate	Rated Wind Speed (m/s)	Air Resistance (Pa)
2.0±0.5	120	60	80	1.0	5
5.0±1	400	200	88	0.8	10





Activated Carbon Filter Media



PRODUCT FEATURES

- ▶ Material :high-quality catalytic powdered activated carbon.
- ▶ Shapes are customizable for various air conditioning system and purifiers.

USING

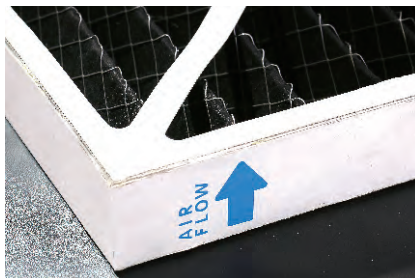
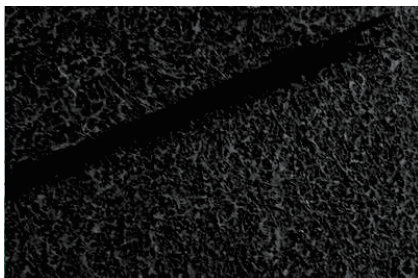
- ▶ Purify malodorous substances in the air, such as benzene, methanol, ammonia, carbon dioxide, and harmful gases NO2, SO2, etc. It is suitable for various air conditioning and ventilation systems, which can effectively remove pollution and clean air.

TECHNICAL DATA

Standard Size (roll) (m)	1.0 x 20 1.2 x 20 2.0 x 20
Normal Thickness (mm)	3 / 5 / 8 / 10 / 15
Weight (g)	220/300/400/500/550
Benzene Adsorption	≥25%

Wind Speed (m/s)	0.8
Rated Air Flow (m³/h)	2880
Initial Prssure Drop (Pa)	55
Final Prssure Drop (Pa)	250
Max Operating Temperature	normal temperature
Carbon Content	≥50% Customizable on Request

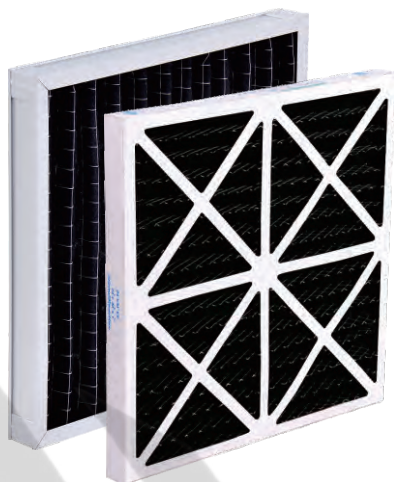
★ Data may change without notice. Other specifications and thickness are available on request.





Activated Carbon Panel Filter

FILTRATION GRADE **G3** **G4**



PRODUCT FEATURES

- ▶ The filter material is a composite of high-efficiency adsorption activated carbon fiber and filter cotton, covered with a metal mesh, and a temperature resistance of 80°C.
- ▶ With strong adsorption capacity, it can effectively filter dust, odors and organic pollutants in the air.
- ▶ Frame: paper frame, aluminum frame, galvanized frame
- ▶ It is widely used in various ventilation systems.

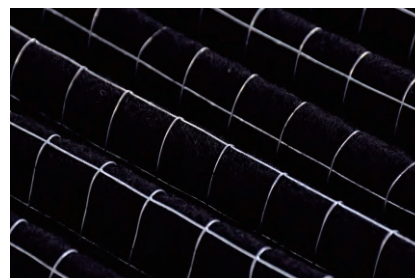
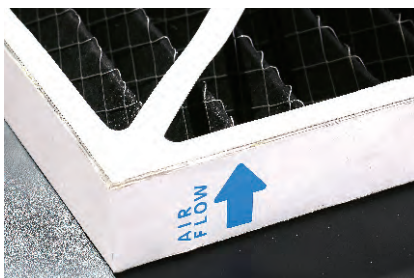
USING

- ▶ Pre-filtering of indoor air quality air conditioning systems, such as office buildings, hospitals, and airports. It can purify the malodorous substances in the air such as benzene, formaldehyde, ammonia and carbon dioxide, and can effectively remove pollution and clean the air.

TECHNICAL DATA

Filtration Grade	Size (mm) W x H x D	Initial Pressure Drop (Pa)	Final Pressure Drop (pa)	Rated Air Flow (m³/h)
G3	595 x 595 x 20	38	200	3000
	595 x 595 x 96	42	200	3400
	595 x 595 x 120	38	200	3400
G4	595 x 595 x 20	45	260	2800
	595 x 595 x 96	50	260	3400
	595 x 595 x 120	45	260	3400

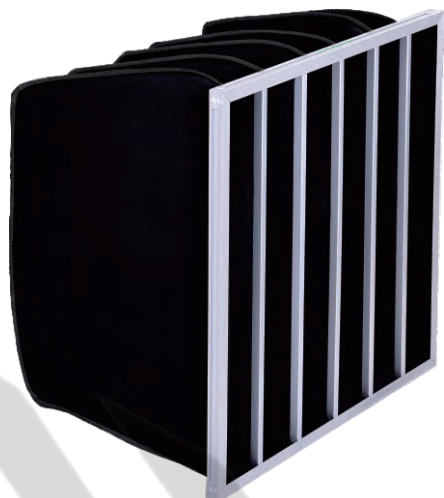
★ Data may change without notice. Other specifications and thickness are available on request.





Activated Carbon Pocket Filter

FILTRATION GRADE **G3** **G4**



PRODUCT FEATURES

- ▶ The filter material is compounded by highly adsorbed activated carbon fiber and filter cotton.
- ▶ The filtering area is large and the surface adsorption capacity is strong, which can effectively control the odor and organic pollution in the air.
- ▶ The metal frame is easy to replace.

USING

- ▶ It is suitable for various air-conditioning and ventilation systems. The central processing effect of the air-conditioning and ventilation system is excellent. It can effectively remove pollution and clean the air.

TECHNICAL DATA

Filtration Grade	Size (mm) W x H x D	Pockets quantity	Filtration Area (m ²)	Rated Air Flow (m ³ /h)	Final Resistance (pa)
G3	287 x 592 x 550	3	1.86	1700	65
	490 x 592 x 550	5	3.12	2800	65
	592 x 592 x 600	6	3.78	3400	65
G4	287 x 592 x 600	3	2.12	2250	85
	490 x 592 x 600	5	3.66	3650	85
	592 x 592 x 600	6	4.40	4250	85

★ Data may change without notice. Other specifications and thickness are available on request.





V-Bank Activated Carbon Filter



PRODUCT FEATURES

- ▶ Use of high-absorption carbon fiber or carbon felt as the adsorption filter material, which has large adsorption capacity, fast adsorption speed and good purification effect.
- ▶ The adsorption material corresponding to acid, alkali and organic gas can be selected.
- ▶ Adopt pleated structure.

USING

- ▶ Mainly used in air-conditioning systems that emphasize indoor air quality. Such as office buildings, hospitals, airports, biotechnology, semiconductors, etc., used to remove odor and low-density gas phase pollutants, which can effectively remove odors in the air and save energy.

GRADES OF ADSORBED MATERIALS

Objective	Type	Filter Media	Object Gas
Acid	A	Activated carbon + non-woven fabric	Vulcanized acid, sulfuric acid, acetic acid, organic acid, etc
Alkaline	B	Activated carbon + non-woven fabric	Ammonia, nitrogen, etc
Organic	C	Activated carbon + non-woven fabric	Organic solvents, ozone, organic acids, carbon dioxide, etc

MATERIAL AND OPERATION CONDITIONS

Material	Media	Activated carbon particles
	Frame	ABS plastic / Galvanized / Stainless / Aluminum
	Separation	Hot melt adhesive / Cellular network
	Sealants	PU two-component polyurethane adhesive
	Sealing strips	Silica gel sponge
Condition Of Use	Maximum continuous use temperature (°C)	40
	The highest temperature at the moment of use (%RH)	70 (not exposed)



V-Bank Activated Carbon Filter

TECHNICAL DATA

Size (mm) W x H x D	Filtration Area (m ²)	Air flow and initial resistance at different wind speeds			
		Air volume (m ³ /h)	Initial Prssure Drop (Pa)	Air volume (m ³ /h)	Initial Prssure Drop (Pa)
287 x 287 x 292/2V	4.58	750	75	900	90
490 x 287 x 292/3V	8.13	1300	75	1550	90
592 x 287 x 292/4V	9.91	1600	75	1900	90
287 x 490 x 292/ 2V	6.87	1100	75	1300	90
490 x 490 x 292/3V	12.20	2000	75	2400	90
592 x 490 x 292/4V	14.87	2400	75	2900	90
287 x 592 x 292/2V	9.16	1650	75	2000	90
490 x 592 x 292/3V	16.26	2650	75	3400	90
592 x 592 x 292/4V	19.83	3400	75	4100	90

Adsorption of odour : >95%

★ Data may change without notice. Other specifications and thickness are available on request.

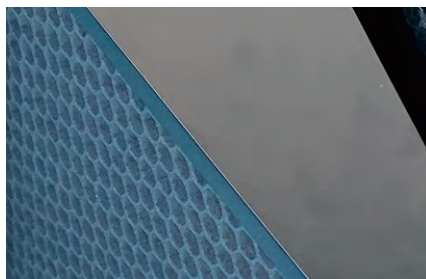
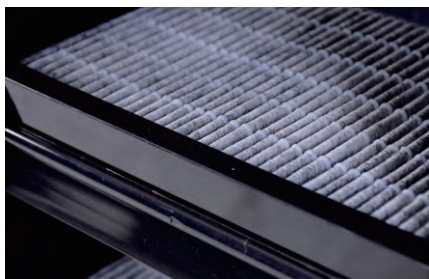
Activated carbon selectively absorb gases rather than mechanically "filtering" impurities.

There are a large number of micropores on the surface of activated carbon, most of which are smaller than 500A(1A=10-10m).The total internal surface area of micropores per unit material is called "specific surface area",and the specific surface area can be as high as 700 ~ 2300m²/g.

When it comes to adsorption, the harmful gas in the air is called "adsorbent", and the activated carbon is called "adsorbent".The adsorbate adheres to the inner surface of the micropore due to the intermolecular attraction.If accompanied by chemical reaction, called chemical adsorption, otherwise for physical adsorption

When the adsorbent is adsorbed by the adsorbent, there will also be a part of the adsorbent from the adsorbent, called "desorption".the adsorption capacity will continue to weaken when increasing to a certain extent, activated carbon will scrap.

Sometimes, heating or steaming fumigation can make the adsorbent from the adsorbent to let the activated carbon relive.

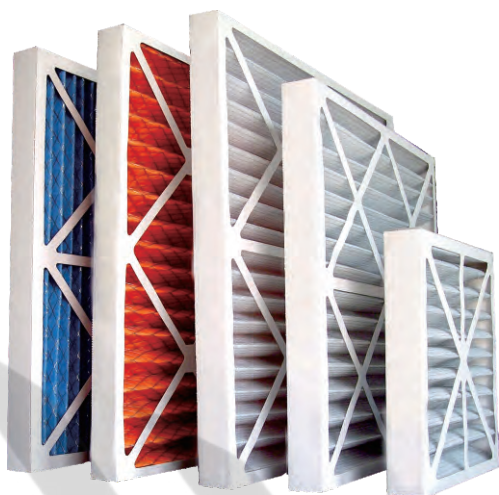




FILTER MESH SERIES



Paper Frame Folding Filter

FILTRATION GRADE **G3** **G4** **M5** **M6** **F7** **F8** **F9**

PRODUCT FEATURES

- ▶ High dust capacity and large filtration area.
- ▶ Mainly used for air conditioning filter system pre-filtration, can prolong the service life of medium-efficiency and high-efficiency filter.
- ▶ The frame is cardboard, the filter material is non-textile chemical fiber thin felt, and supported by metal mesh.
- ▶ Choice of thickness: 22/44/90mm

USING

- ▶ Suitable for air conditioning filtration system, ventilation system, large air compressor pre-filtration.

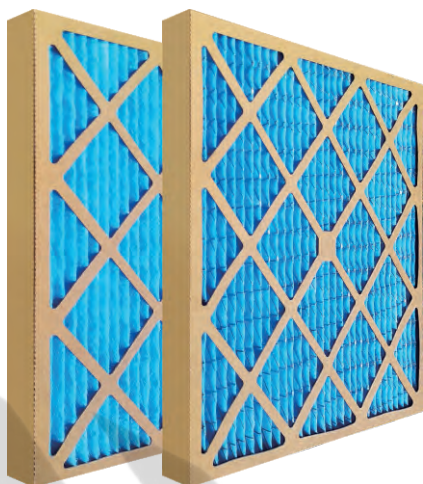
TECHNICAL DATA

Size (inches) W x H x D	Dimensions (mm) W x H x D	Dp30 Folds	Dp20 Folds	Air flow at different wind speeds (m ³ /h)		
				1.5m/s	2.5m/s	3.0m/s
12 x 24 x 1	287 x 595 x 22	14	—	1020	1700	—
20 x 24 x 1	495 x 595 x 22	22	—	1700	2650	—
20 x 20 x 1	495 x 495 x 22	18	—	1445	2380	—
24 x 24 x 1	595 x 595 x 22	27	—	2040	3400	—
12 x 24 x 2	287 x 595 x 44	14	11	1020	1700	2125
16 x 20 x 2	390 x 495 x 44	18	14	1050	1730	2200
16 x 24 x 2	390 x 595 x 44	18	14	1270	2090	2660
20 x 20 x 2	495 x 495 x 44	23	17	1445	2380	2980
20 x 24 x 2	495 x 595 x 44	23	17	1700	2800	3570
24 x 24 x 2	595 x 595 x 44	28	22	2040	3400	4250
12 x 24 x 4	287 x 595 x 90	10	8	1020	1700	2125
20 x 20 x 4	495 x 495 x 90	18	14	1180	1920	2415
24 x 24 x 4	595 x 595 x 90	21	18	2040	3400	4250

★ Data may change without notice. Other specifications and thickness are available on request.



Paper Frame Folding Filter (special for Animal Husbandry)



PRODUCT FEATURES

- ▶ It has the characteristics of high dust capacity and large filtration area.
- ▶ Mainly used for air conditioning filter system pre-filtration, can prolong the service life of medium-efficiency and high-efficiency filter.
- ▶ External frame for imported cardboard, filter material for PET fiber, folded filter material behind the metal mesh support.
- ▶ Choice of thickness: 22/44/90mm

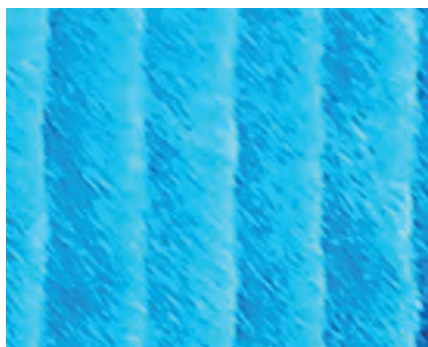
USING

- ▶ Suitable for air conditioning filtration system, ventilation system, large air compressor pre-filtration.

TECHNICAL DATA

Filtration Grade	Size (inches) W x H x D	Dimensions (mm) W x H x D	Folds	Air volume (m ³ /h)	Resistance (Pa)	Filtration Area (m ²)
G3	24 x 24 x 1	595 x 595 x 22	40	2380	11	1.024
G3	24 x 24 x 2	290 x 595 x 44	30	1000	12	1.647
G3	24 x 24 x 2	495 x 495 x 44	35	1250	20	1.647
G3	24 x 24 x 4	595 x 595 x 96	16	1700	32	1.874
G4	24 x 24 x 1	595 x 595 x 22	40	2380	11	1.024
G4	24 x 24 x 2	290 x 595 x 44	30	1000	12	1.647
G4	24 x 24 x 2	495 x 495 x 44	35	1250	20	1.647
G4	24 x 24 x 4	595 x 595 x 96	16	1700	32	1.874

★ Data may change without notice. Other specifications and thickness are available on request.



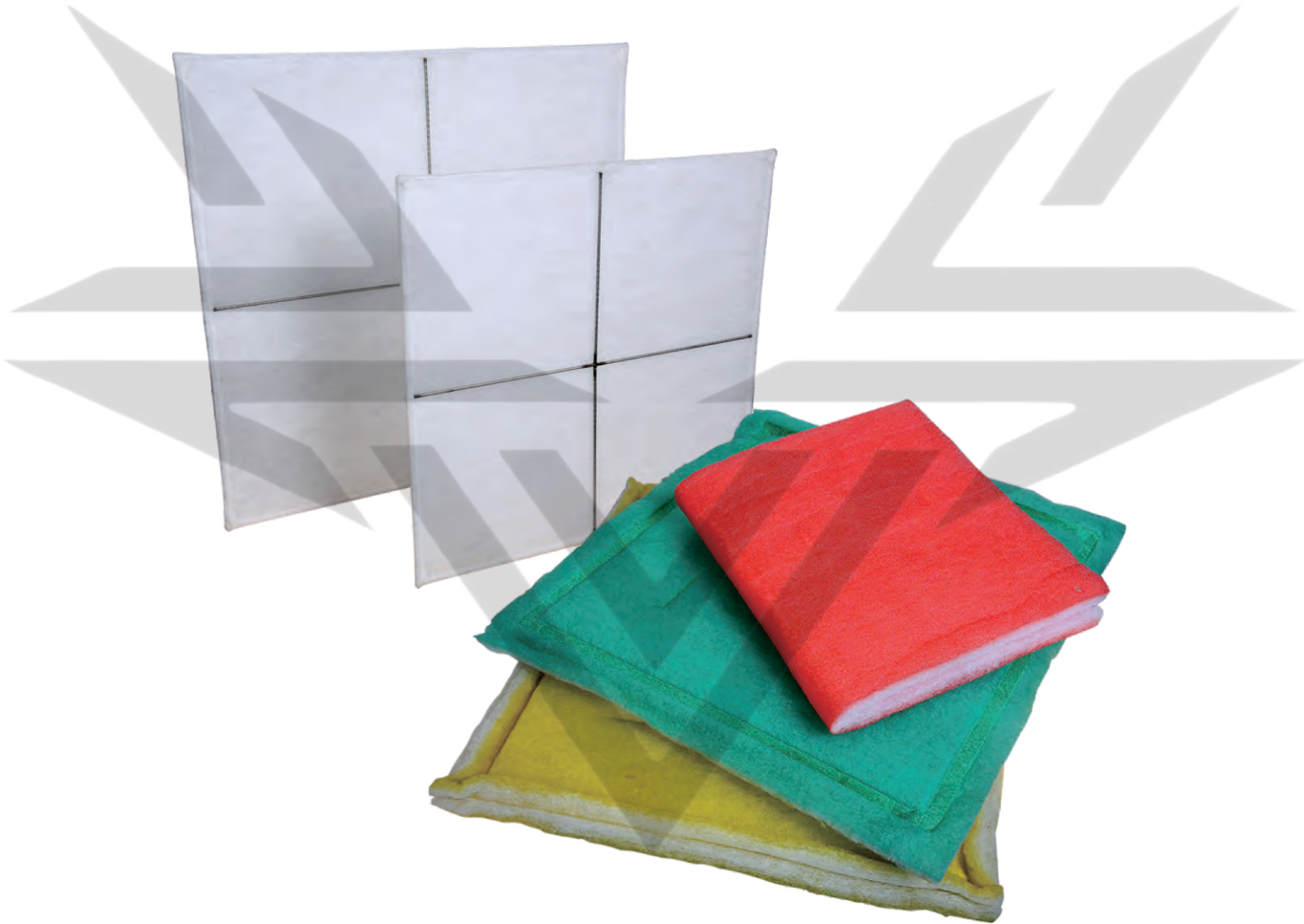


Tacky Filter

FILTRATION GRADE **G3** **G4**

PRODUCT FEATURES

- ▶ Filter material is polyester synthetic fiber; wire support frame, high dust capacity, low resistance, temperature resistance 80°C.
- ▶ Material options: Pre Filter Media, Needle cotton, Raw Cotton



USING

- ▶ For air conditioning and ventilation system pre-filtration, large air compressor pre-filtration, clean room return air filtration.



Nylon Panel Filter



PRODUCT FEATURES

- ▶ Filter material is PP fiber.
- ▶ Low resistance, acid and alkali resistance, good corrosion resistance.
- ▶ Can be cleaned repeatedly, does not affect filtration efficiency, high economy.
- ▶ Good impact strength, can be used with metal frame filter.
- ▶ Frame Optional: Galvanized, Aluminum

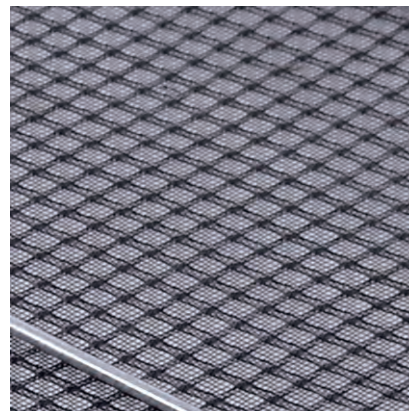
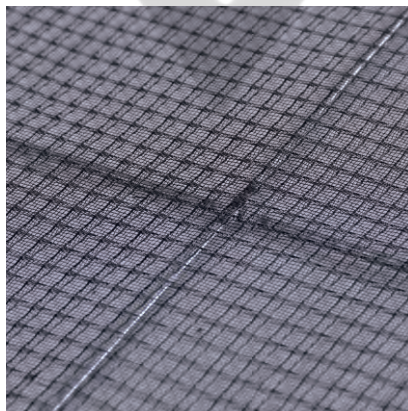
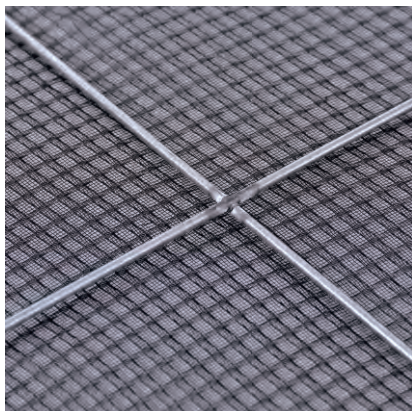
USING

- ▶ Primary filtration of air conditioning ventilation system.

TECHNICAL DATA

Model	Dimensions (mm) W x H x D	Air volume (m ³ /h)	Initial Pressure Drop (Pa)	Outer Frame
CL-N	595 x 595 x 10	3600	5	Aluminum Galvanized
	595 x 495 x 10	3400		
	495 x 495 x 10	3200		

★ Data may change without notice. Other specifications and thickness are available on request.





Washable Plank Filter Mesh

FILTRATION GRADE **G3** **G4** **M5**



PRODUCT FEATURES

- ▶ The filter material is high quality polyester synthetic fiber.
- ▶ The outer frame is metal frame, easy to replace.
- ▶ Humidity resistance up to 100%, temperature resistance 80°C.
- ▶ Frame Optional: galvanized frame, aluminum alloy, stainless steel

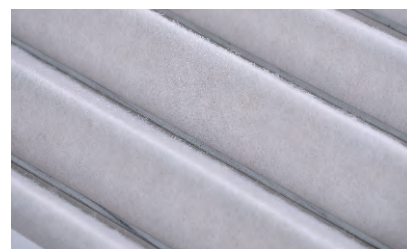
USING

- ▶ Air conditioning ventilation system pre-filtration and secondary filtration, clean room or return filtration.

TECHNICAL DATA

Filtration Grade	Dimensions (mm) W x H x D	Rated Air Flow (m ³ /h)	Initial resistance at different wind speeds (Pa)		
			70%	100%	120%
G3	595 x 595 x 46	3400	35	65	90
	595 x 595 x 96	3400	30	55	75
G4	595 x 595 x 46	3400	50	85	110
	595 x 595 x 96	3400	45	80	105
M5	595 x 595 x 46	3400	85	130	190
	595 x 595 x 96	3400	75	105	145

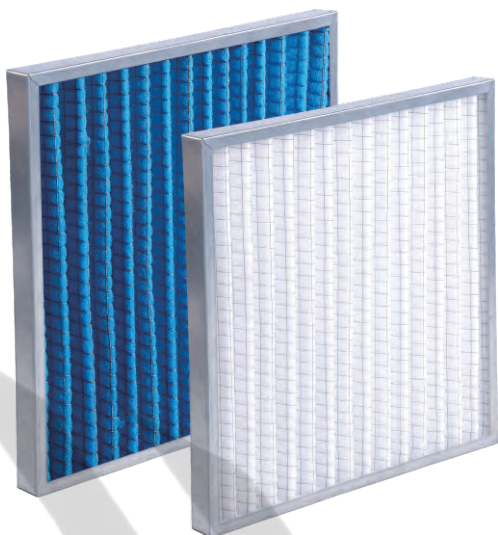
★ Data may change without notice. Other specifications and thickness are available on request.





Pleated Air Filter

FILTRATION GRADE **G3** **G4**



PRODUCT FEATURES

- ▶ The filter material is coarse filter cotton with large dust capacity and low resistance.
- ▶ The outer frame is metal outer frame, easy to replace.
- ▶ Humidity resistance up to 100%, temperature resistance 80°C.
- ▶ Frame Optional: galvanized frame, aluminum alloy, stainless steel

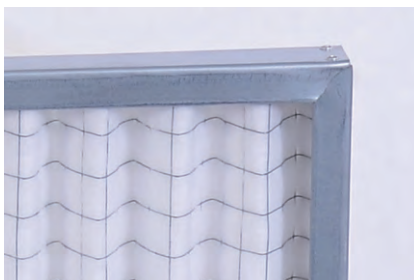
USING

- ▶ Air conditioning ventilation system pre-filtration and secondary filtration, clean room or return air filtration.

TECHNICAL DATA

Filtration Grade	Dimensions (mm) W x H x D	Initial Pressure Drop (Pa)	Final Pressure Drop (Pa)	Rated Air Flow (m ³ /h)
G3	595 x 595 x 20	30	200	3000
	595 x 595 x 46	30	200	3400
	595 x 595 x 96	35	200	3400
G4	595 x 595 x 20	38	250	2800
	595 x 595 x 46	38	250	3400
	595 x 595 x 96	40	250	3400

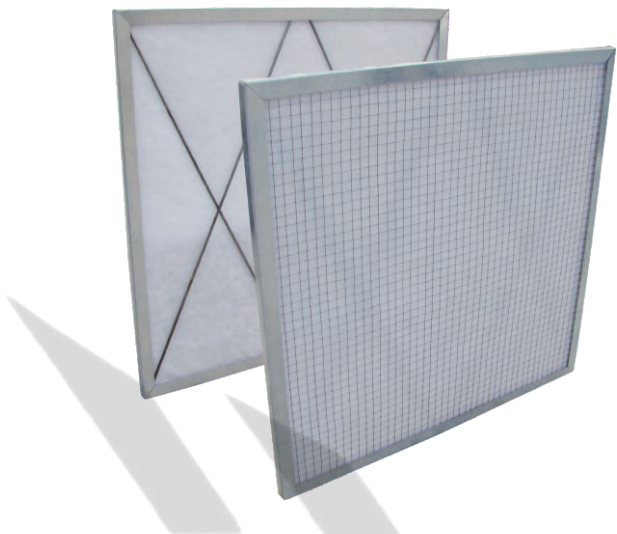
★ Data may change without notice. Other specifications and thickness are available on request.





Plank Pre-Filter Mesh

FILTRATION GRADE **G3** **G4**



PRODUCT FEATURES

- ▶ Filter material is coarse filter cotton, high permeability and low resistance.
- ▶ The outer frame is metal outer frame, easy to replace.
- ▶ Humidity resistance up to 100%, temperature resistance 80°C.
- ▶ Front and back: wire support, wire mesh

USING

- ▶ Pre-filtration of air conditioning ventilation system.

TECHNICAL DATA

Filtration Grade	Dimensions (mm) W x H x D	Initial Pressure Drop (Pa)	Final Pressure Drop (Pa)	Rated Air Flow (m ³ /h)
G3	595 x 595 x 20	35	200	1900
	290 x 595 x 20	35	200	1000
	595 x 595 x 46	35	200	3400
	290 x 595 x 46	35	200	1700
G4	595 x 595 x 25	45	250	1900
	290 x 595 x 25	45	250	1000
	595 x 595 x 46	45	250	3400
	290 x 595 x 46	45	250	1700

★ Data may change without notice. Other specifications and thickness are available on request.





High Temperature Panel Filter

FILTRATION GRADE **G3** **G4**



PRODUCT FEATURES

- ▶ The filter screen has good chemical resistance, strong heat resistance and low moisture absorption.
- ▶ Filter tar, soot, dust and other particles produced in high temperature oven to prevent damage to the surface paint quality.
- ▶ The filter material is imported flame retardant fiber.

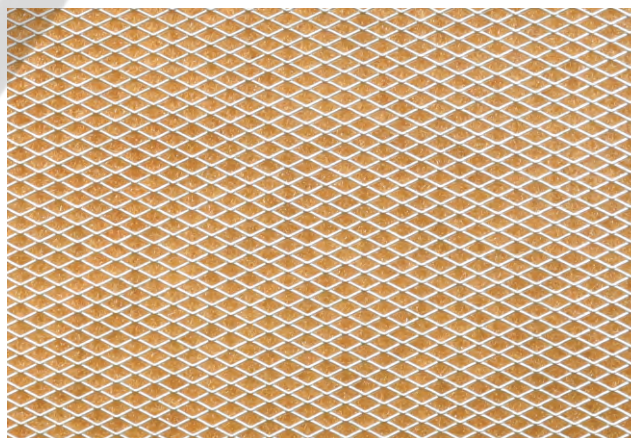
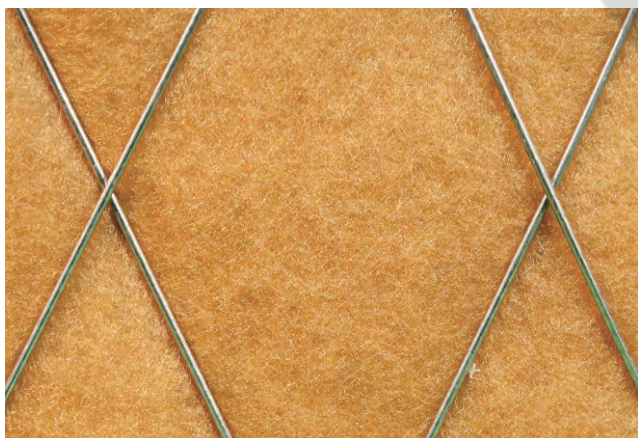
USING

- ▶ Suitable for general primary dust filtration, hot air type high temperature oven, coating factory high temperature oven and so on.

TECHNICAL DATA

Filtration Grade	Dimensions (mm) W x H x D	Initial Pressure Drop (Pa)	Final Pressure Drop (Pa)	Testing Wind Velocity (m/s)	Average Weight Efficiency
G3	500 x 500 x 15	50	250	1.0	86%
G4	500 x 500 x 21	50	250	1.0	86%

★ Data may change without notice. Other specifications and thickness are available on request.





High Temperature Fiberglass Panel Filter

FILTRATION GRADE **G3** **G4**



PRODUCT FEATURES

- ▶ It is made of glass fiber, which is made of non-woven fabric, and is fixed by aluminum expansion net, which is not easy to deform.
- ▶ The filter screen has good chemical resistance, strong heat resistance and low moisture absorption.
- ▶ Can withstand high temperature 300°C.
- ▶ Frame: galvanized frame, aluminum frame, stainless steel frame .

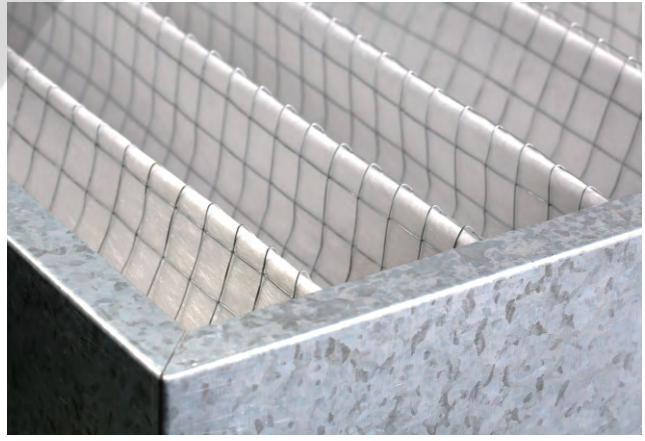
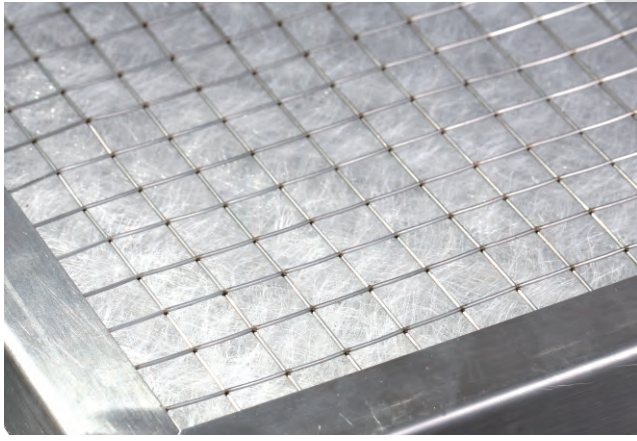
USING

- ▶ Mainly used for ultra-clean oven, automotive painting and other high-temperature air purification equipment and systems.

TECHNICAL DATA

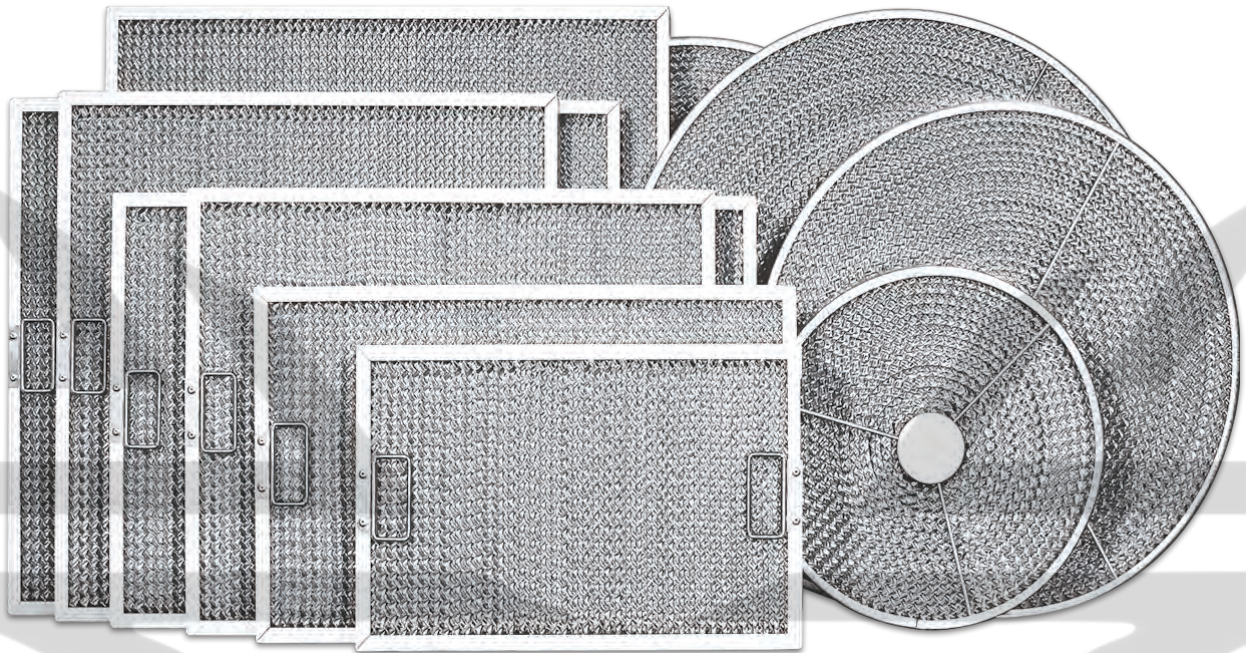
Filtration Grade	Dimensions (mm) W x H x D	Initial Pressure Drop (Pa)	Final Pressure Drop (Pa)	Testing Wind Velocity (m/s)	Average Weight Efficiency
G3	500 x 500 x 15	45	250	1.0	86%
G3	500 x 500 x 20	45	250	1.0	86%
G4	500 x 500 x 96	60	280	1.0	86%

★ Data may change without notice. Other specifications and thickness are available on request.





Honeycomb Grease Filters (TFC)



PRODUCT FEATURES

- ▶ The filter material is honeycomb aluminum core.
- ▶ large specific surface area.
- ▶ The wind resistance is small and the cost is low.
- ▶ Filter element can be replaced.



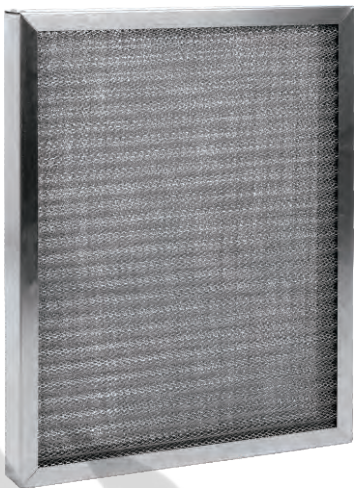
USING

- ▶ Mainly used in commercial fume removal equipment and ventilation systems, such as hotel kitchens, restaurants and so on.



Wire mesh air filter

FILTRATION GRADE **G3** **G4**



PRODUCT FEATURES

- ▶ The filter media is made of wavy aluminum mesh, stainless steel expansion mesh and stainless steel wire rope.
- ▶ Low resistance, can be cleaned repeatedly, high economy.
- ▶ Filter material: aluminum alloy, stainless steel (304 316)

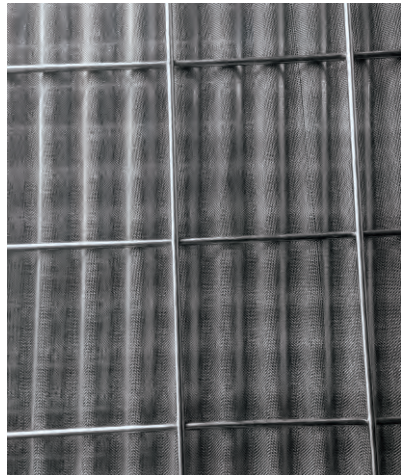
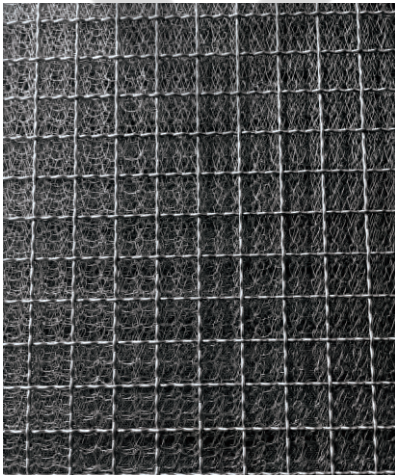
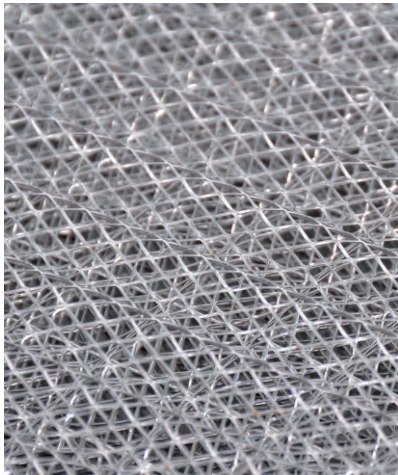
USING

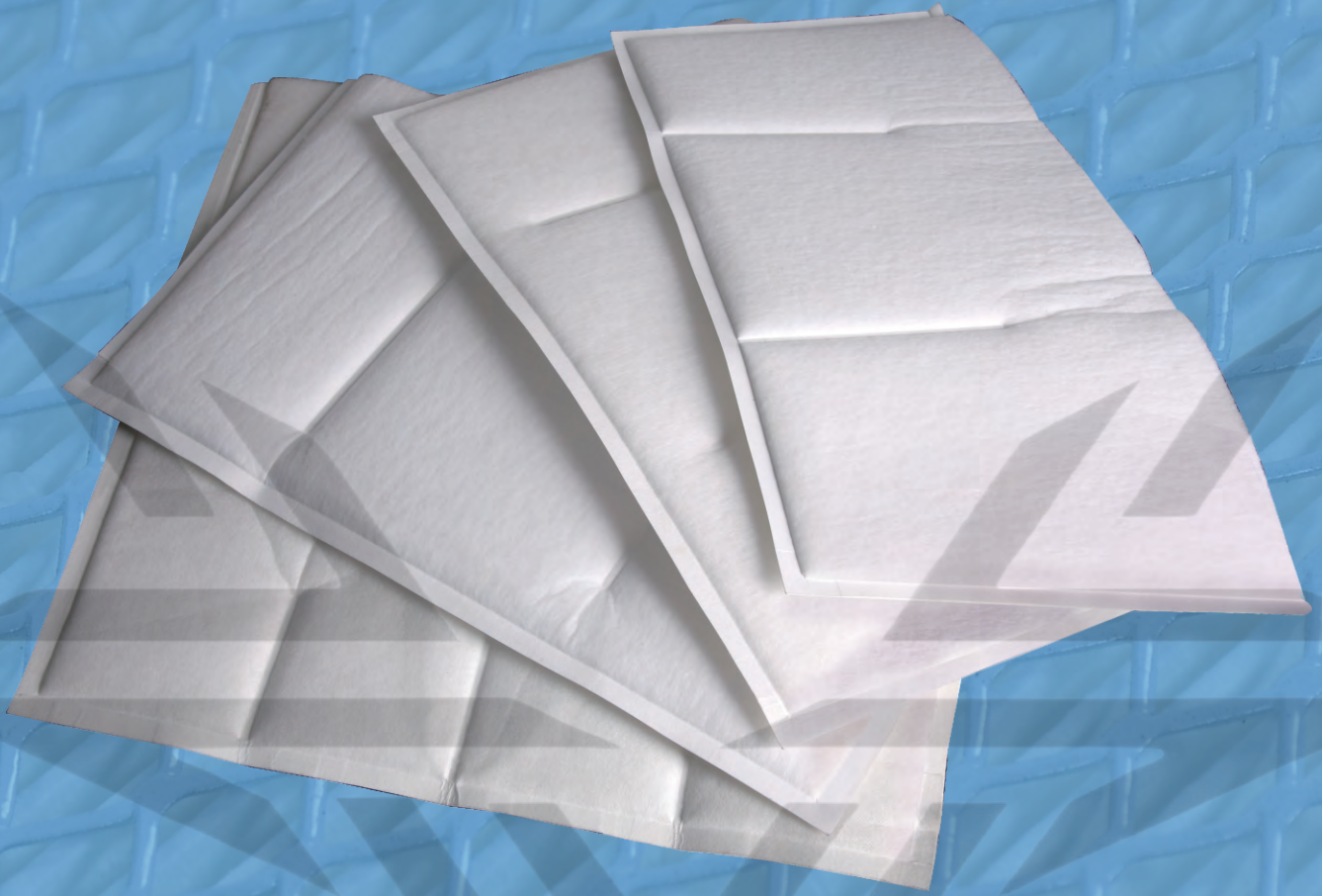
- ▶ Fresh air system initial filtration, acid and alkali resistance, high strength, high temperature resistance ventilation system, car assembly workshop wax spray room filtration.

TECHNICAL DATA

Dimensions (mm) W x H x D	592 x 287 x 20	592 x 592 x 20	592 x 287 x 46	592 x 592 x 46
Filtration Area (m²)	0.17	0.35	0.17	0.35

★ Data may change without notice. Other specifications and thickness are available on request.



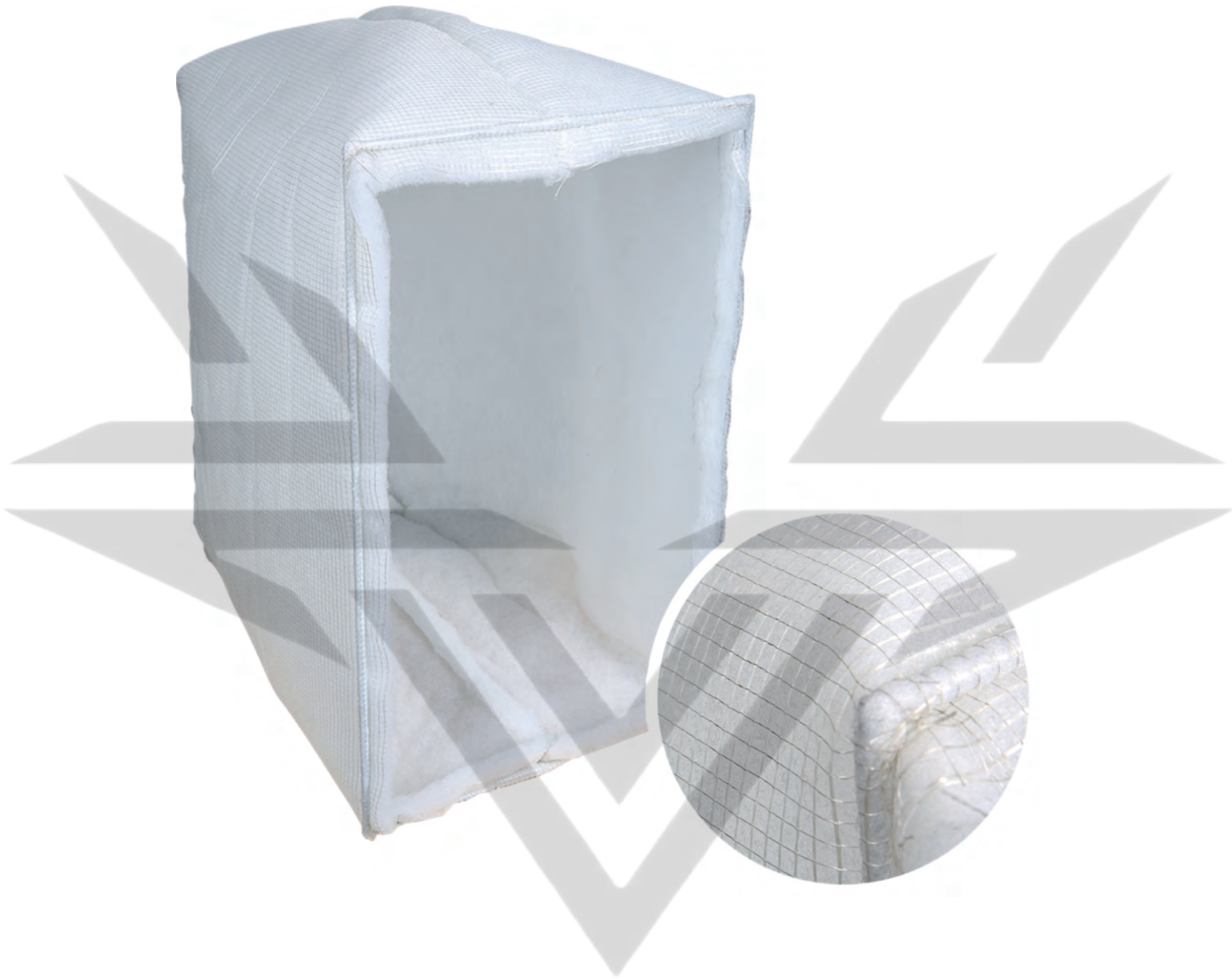


FILTER SERIES

40/76



Single Pocket Filter



PRODUCT FEATURES

- ▶ The filter material is polyester synthetic fiber.
- ▶ High dust capacity, low resistance.
- ▶ Heat resistance 80°C.

USING

- ▶ Suitable for pharmaceutical, hospital, food, semiconductor, electronics, commercial buildings, precision machinery and other industries.





DPA Paint Mist Pocket Filter

FILTRATION GRADE **G3** **G4**



PRODUCT FEATURES

- ▶ Paint pocket Filter has a larger filtration area, which can prolong the online service life and reduce the replacement times of paint fog filter.
- ▶ Aluminum alloy frame, good workmanship rust, corrosion resistance, safe use.
- ▶ The capture efficiency of small paint fog above 10 microns can reach 99.8%.
- ▶ High efficiency, long life, easy installation.

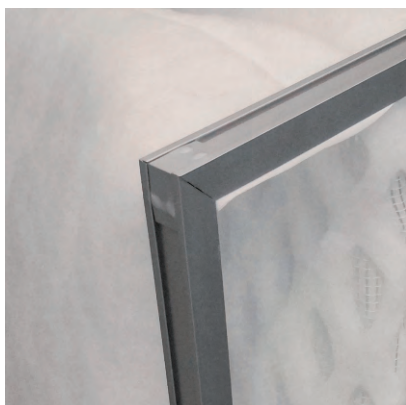
USING

- ▶ Paint mist pocket filter is suitable for paint room, other air filtration links intercept high solid paint, powder paint, water-based paint, multi-component paint, colorant and adhesive paint slag.

TECHNICAL DATA

Filtration Grade	Dimensions (mm) W x H x D	Number of Bags	Filtration Area (m ²)	Rated Air Flow (m ³ /h)	Initial Pressure Drop (Pa)	Final Pressure Drop (Pa)	Paint Capacity (kg)
G3	595 x 595 x 320	3	1.16	1700	30	200	3.48
	595 x 595 x 320	4	1.53	2160	30	200	4.59
G4	595 x 595 x 320	3	1.16	1700	45	250	3.48
	595 x 595 x 320	4	1.53	2160	45	250	4.59

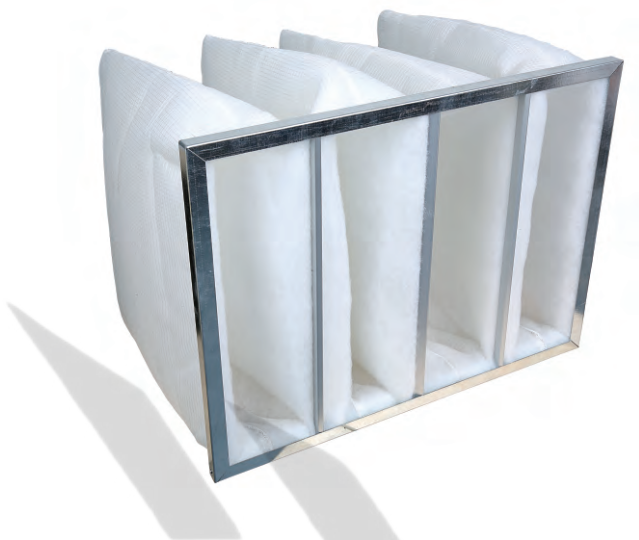
★ Data may change without notice. Other specifications and thickness are available on request.





Pre Efficiency Pocket Filter

FILTRATION GRADE **G3** **G4** **M5**



PRODUCT FEATURES

- ▶ The filter material is processed by high performance hot melt method composed of anti-fracture organic synthetic fiber. The reinforced structure has good filtration performance and large dust capacity.
- ▶ Each group of bags has a positioning air duct to ensure the best filtration effect.
- ▶ The filter bag adopts line seam technology.
- ▶ Strong moisture resistance ,100% moisture resistance.

USING

- ▶ Painting industry painting workshop front filtration, air conditioning ventilation system filtration, filtration system pre-filtration, high-efficiency filter pre-filtration.

TECHNICAL DATA

Filtration Grade	Dimensions (mm) W x H x D	Number of Bags	Filtration Area (m ²)	Rated Air Flow (m ³ /h)	Initial Pressure Drop (Pa)	Final Pressure Drop (Pa)
G3	287 x 595 x 550	3	1.92	1700	30	200
	495 x 595 x 550	5	3.28	2600	30	200
	595 x 595 x 600	6	4.05	3400	30	200
G4	287 x 595 x 550	3	1.92	1700	45	250
	495 x 595 x 550	5	3.28	2600	45	250
	595 x 595 x 600	6	4.05	3400	45	250

★ Data may change without notice. Other specifications and thickness are available on request.





Hot-melt Pocket Filter

FILTRATION GRADE **G3** **G4** **M5** **M6** **F7** **F8** **F9**

PRODUCT FEATURES

- ▶ The filter material of the pocket filter is integral with the polyurethane frame (RPF) of the filter
- ▶ Multi-layered structure of the filter media provide a high dust holding capacity with the lowest pressure drop.
- ▶ Extremely high pressure and high dust content of the air and 100% tightness.

USING

- ▶ Air conditioning ventilation system filtration, automobile spraying system, medium effect filter front channel filtration, filter system pre-filtration, high efficiency filter pre-filtration.

TECHNICAL DATA

Dimension W x H x D (mm)	595 x 595 x 550 /6P					
Filtration Grade	G4	M5	M6	F7	F8	F9
Air Flow (m ³ /h)	3400	3400	3400	3400	3400	3400
Initial Resistance (Pa)	40	70	90	125	155	180
Final Resistance Recommended (Pa)	200	200	300	450	450	450
Average Weight Efficiency	90%	93%	96%	98%	>98%	>98%
Initial Pressure Drop (Pa)	—	—	50%	60%	85%	93%
Dust Holding Capacity (g/m ²)	900	1850	1200	1400	650	500
Temperature (°C)	100	100	100	100	100	100
Max Ambient Temperature (°C)	80	80	80	80	80	80

★ Data may change without notice. Other specifications and thickness are available on request.





Fiberglass Pocket Filter

FILTRATION GRADE **M5** **M6** **F7** **F8** **F9**



PRODUCT FEATURES

- ▶ Filter material is glass fiber, long service life.
- ▶ Enhanced structure, good filtration performance, large dust capacity.
- ▶ Temperature resistance 150°C, good flame retardancy, up to UL-2 grade standard.
- ▶ Frame: galvanized frame, aluminum frame.

USING

- ▶ Main filter of ventilation and air conditioning system, pre-filter of ventilation and air conditioning system for clean room.

TECHNICAL DATA

Filtration Grade	Dimension (mm) W x H x D	Number of Bags	Filtration Area (m ²)	Rated Air Volume (m ³ /h)	Initial Pressure Drop (Pa)	Final Resistance Recommended (Pa)
M5	287 x 595 x 550	3	2.12	1000	55	200
	595 x 595 x 550	6	3.86	2000	55	
	595 x 595 x 600	8	5.68	2950	55	
M6	287 x 595 x 550	3	2.12	1000	70	250
	595 x 595 x 550	6	3.86	2000	70	
	595 x 595 x 600	8	5.68	2500	70	
F7	287 x 595 x 550	3	2.12	1000	100	300
	595 x 595 x 550	6	3.86	2000	100	
	595 x 595 x 600	8	5.68	2950	100	
F8	287 x 595 x 550	3	2.12	1000	130	450
	595 x 595 x 550	6	3.86	2000	130	
	595 x 595 x 600	8	5.68	2950	130	
F9	287 x 595 x 550	3	2.12	1000	145	450
	595 x 595 x 550	6	3.86	2000	145	
	595 x 595 x 600	8	5.68	2950	145	

★ Data may change without notice. Other specifications and thickness are available on request.



Non woven Pocket Filter

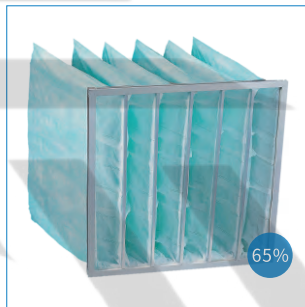
FILTRATION GRADE **G4** **M5** **M6** **F7** **F8**

PRODUCT FEATURES

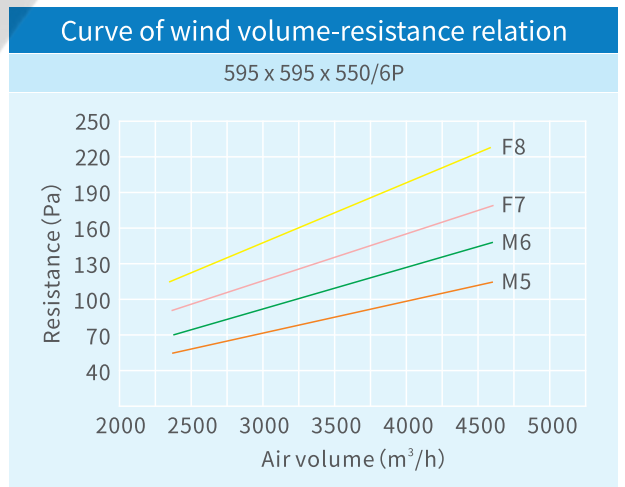
- ▶ Superfine synthetic fiber is made by special weaving method.
- ▶ Filter material contains electrostatic fiber, with high dust capture rate, high dust load and high permeability, high service life.
- ▶ Large dust capacity, high efficiency, low pressure loss.
- ▶ Max operating temperture up to 80°C.
- ▶ Outer frame optional: galvanized frame, aluminum frame.

USING

- ▶ Air conditioning filtration system intermediate filtration, precision clean room two-stage filtration, high-efficiency filter front channel filtration.



- ▶ Each filter bag is fixed with metal strips to increase the strength of the filter screen and prevent the filter bag at high wind speed, which are broken due to wind friction. there are six filter bags to prevent the filter bag with the wind pressure excessive expansion, mutual shelter and reduce the effectiveness. Filter area and efficiency, filter bag edge are hot melt, with good air tightness and bonding strength, no leakage or rupture.
- ▶ Galvanized frame: (thickness:20mm, 25mm)
Aluminum frame: (thinckness:20mm, 25mm, 45mm)





Non woven Pocket Filter

FILTRATION GRADE **G4** **M5** **M6** **F7** **F8**

TECHNICAL DATA

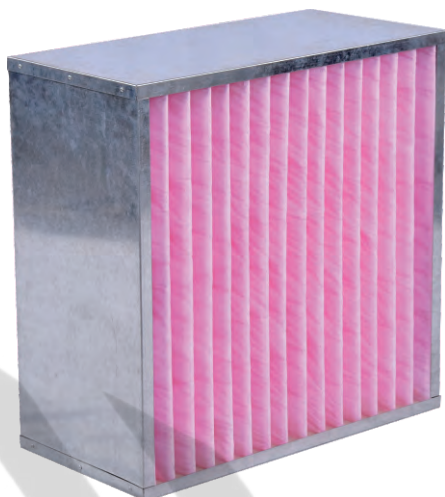
Average efficiency	Media Color	Dust trap rate	Using
30-35%	White	92%	Medium filter before the filter.
40-45%	Orange	96%	Commercial buildings, theatres, stations, ship stations.
60-65%	Green	97%	Spray-painted car room, school, computer room.
80-85%	Pink	98%	Petrochemical, plastics, pharmaceutical, food, painting, electronics factory, hospital, laboratory, clean room.
90-95%	Yellow	99%	Precision electronics industry, defense factories, sterile rooms, sterile factories.

Filtration Grade	Dimension (mm) W x H x D	Number of Bags	Filtration Area (m ²)	Rated Air Volume (m ³ /h)	Initial Pressure Drop (Pa)	Final Resistance Recommended (Pa)
35% (G4)	287 x 595 x 550	3	2.12	1700	40	350
	595 x 595 x 550	5	3.25	3400	45	
	595 x 595 x 600	6	4.28	3400	40	
45% (M5)	287 x 595 x 550	3	2.12	1700	45	400
	595 x 595 x 550	5	3.25	3400	50	
	595 x 595 x 600	6	4.28	3400	45	
65% (M6)	287 x 595 x 550	3	2.12	1700	50	400
	595 x 595 x 550	6	3.86	3400	65	
	595 x 595 x 600	8	5.68	3400	65	
85% (F7)	287 x 595 x 550	3	2.12	1700	90	400
	595 x 595 x 550	6	3.86	3400	100	
	595 x 595 x 600	8	5.68	3400	100	
95% (F8)	287 x 595 x 550	3	2.12	1700	115	450
	595 x 595 x 550	6	3.86	3400	120	
	595 x 595 x 600	8	5.68	3400	120	

★ Data may change without notice. Other specifications and thickness are available on request.



Medium efficiency Box Filter

FILTRATION GRADE **M5** **M6** **F7** **F8** **F9**

PRODUCT FEATURES

- ▶ It adopts new superfine fiber non-woven fabric or glass fiber material, which is especially suitable for intermediate filtration of air conditioning system.
- ▶ High efficiency, large air volume, low resistance, large dust holding capacity and firm structure.
- ▶ The maximum temperature is 80°C, and the humidity resistance is 80%.
- ▶ Frame: galvanized frame, aluminum gold frame, stainless steel.

USING

- ▶ Suitable for industries such as pharmaceuticals, hospitals, food processing, semiconductor electronics, commercial buildings, and precision machinery.

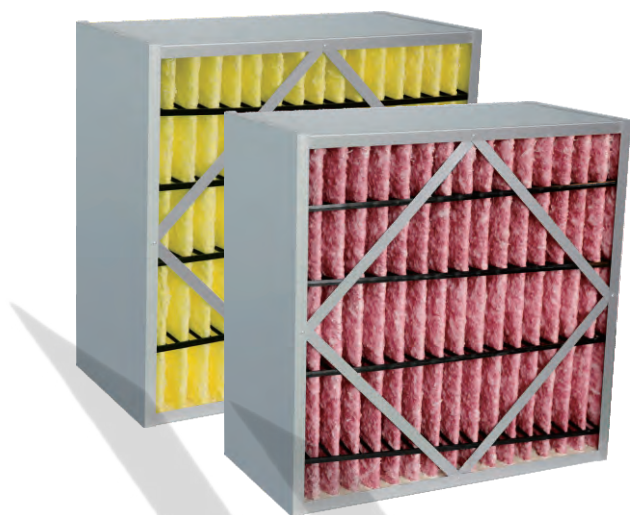
TECHNICAL DATA

Filtration Grade	Dimensions (mm) W x H x D	Filter Area (m ²)	Rated Air Flow (m ³ /h)	Testing Wind Velocity (m/s)	Initial Pressure Drop (Pa)
M5	592 x 287 x 292	2.14	1400	2.24	50
	592 x 490 x 292	3.66	2400	2.30	
	592 x 592 x 292	4.36	3000	2.36	
M6	592 x 287 x 292	2.14	1400	2.24	65
	592 x 490 x 292	3.66	2400	2.30	
	592 x 592 x 292	4.36	3000	2.36	
F7	592 x 287 x 292	2.14	1400	2.24	80
	592 x 490 x 292	3.66	2400	2.30	
	592 x 592 x 292	4.36	3000	2.36	
F8	592 x 287 x 292	2.14	1400	2.24	100
	592 x 490 x 292	3.66	2400	2.30	
	592 x 592 x 292	4.36	3000	2.36	
F9	592 x 287 x 292	2.14	1400	2.24	120
	592 x 490 x 292	3.66	2400	2.30	
	592 x 592 x 292	4.36	3000	2.36	

★ Data may change without notice. Other specifications and thickness are available on request.



Large Air Flow Box Filter

FILTRATION GRADE **M5** **M6** **F7** **F8** **F9**

PRODUCT FEATURES

- ▶ It adopts new superfine fiber non-woven fabric or glass fiber material, which is especially suitable for intermediate filtration of air conditioning system.
- ▶ High efficiency, large air volume, low resistance, large dust holding capacity and firm structure.
- ▶ The maximum temperature is 80°C, and the humidity resistance is 80%.
- ▶ Frame: galvanized frame, aluminum gold frame, stainless steel.

USING

- ▶ Suitable for industries such as pharmaceuticals, hospitals, food processing, semiconductor electronics, commercial buildings, and precision machinery.

TECHNICAL DATA

Filtration Grade	Dimensions (mm) W x H x D	Filter Area (m ²)	Rated Air Flow (m ³ /h)	Testing Wind Velocity (m/s)	Initial Pressure Drop (Pa)
M5	592 x 287 x 292	2.14	1400	2.24	50
	592 x 490 x 292	3.66	2400	2.30	
	592 x 592 x 292	4.36	3000	2.36	
M6	592 x 287 x 292	2.14	1400	2.24	65
	592 x 490 x 292	3.66	2400	2.30	
	592 x 592 x 292	4.36	3000	2.36	
F7	592 x 287 x 292	2.14	1400	2.24	80
	592 x 490 x 292	3.66	2400	2.30	
	592 x 592 x 292	4.36	3000	2.36	
F8	592 x 287 x 292	2.14	1400	2.24	100
	592 x 490 x 292	3.66	2400	2.30	
	592 x 592 x 292	4.36	3000	2.36	
F9	592 x 287 x 292	2.14	1400	2.24	120
	592 x 490 x 292	3.66	2400	2.30	
	592 x 592 x 292	4.36	3000	2.36	

★ Data may change without notice. Other specifications and thickness are available on request.



Paper Frame HEPA

PRODUCT FEATURES

- ▶ The filter material is composed of waterproof and flame-retardant glass fiber filter paper or PP high-efficiency filter paper.
- ▶ Polyurethane adhesive completely seals the filter material and frame, effectively preventing side leakage and damage.
- ▶ Special EVA adhesive as media separation.
- ▶ The outer frame is a paper frame. Light weight, small size, easy to install.

USING

- ▶ Suitable for air purifiers or air purifiers in homes and public places.

TECHNICAL DATA

Dimensions W x H x D (mm)	Rated Air Flow (m ³ /h)	Dust Holding Capacity (g/m ²)	Testing Wind Velocity (m/s)	Initial Pressure Drop (Pa)	Final Pressure Drop (Pa)	Efficiency
610 x 610 x 50	470	≈450	0.35	≤170	400	99.9995%
915 x 610 x 50	700	≈700	0.35			
610 x 610 x 69	600	≈650	0.45			
915 x 610 x 90	900	≈950	0.45			
610 x 610 x 90	800	≈800	0.60			
915 x 610 x 90	1200	≈1200	0.60			
1220 x 610 x 100	1600	≈1600	0.60			

★ Data may change without notice. Other specifications and thickness are available on request.





High Temperature High Efficiency Filter FILTRATION GRADE H13 H14



PRODUCT FEATURES

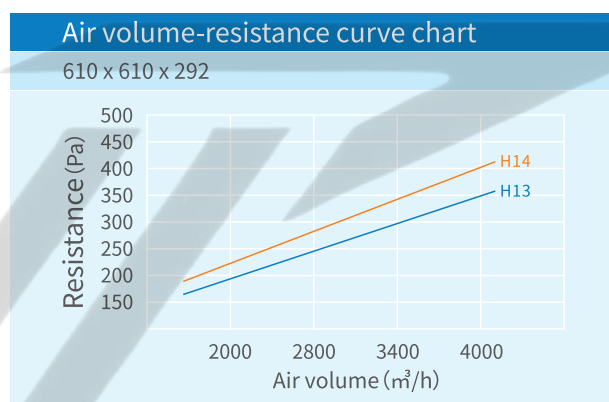
- ▶ Use ultra-fine glass fiber filter paper, aluminum foil separator.
- ▶ Low resistance, high efficiency, good high temperature resistance.
- ▶ Imported high temperature resistant sealant for sealing.
- ▶ Galvanized frame or stainless steel frame.

USING

- ▶ Mainly used in equipment and systems that require high-temperature air purification, such as ultra-clean ovens, automotive coatings, biopharmaceuticals, and nuclear power plants.

TECHNICAL DATA

Filter Media	Ultrafine glass fiber filter
Frame Material	Aluminum profile / Stainless Steel / Galvanized frame
Sealants	Red silica gel (250°C) / Ceramic glue (350°C)
Sealing Type	Red silicone (250°C) / Fiberglass seal (350°C)
Separators	Aluminum foil
Optional Thickness (mm)	150 / 292
Maximum Temperature	250°C / 350°C
Maximum Humidity	100%



Filtration Grade	Dimensions (mm) W x H x D	Filter Area (m²)	Rated Air Flow (m³/h)	Testing Wind Velocity (m/s)	Initial Pressure Drop (Pa)
H13	610 x 610 x 120	7.04	750	0.56	190
	610 x 610 x 292	21.25	2200	1.64	
	610 x 1220 x 292	45.5	4450	1.66	
H14	610 x 610 x 120	7.04	750	0.56	220
	610 x 610 x 292	21.25	2200	1.64	
	610 x 1220 x 292	45.5	4450	1.66	

★ Data may change without notice. Other specifications and thickness are available on request.



V-Bank Medium Efficiency/ Sub-high Efficiency Filter



PRODUCT FEATURES

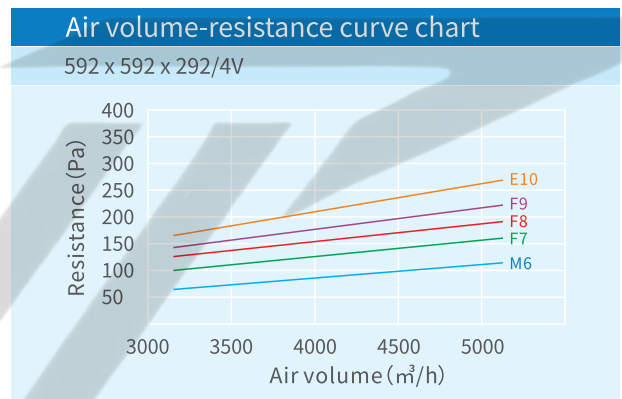
- ▶ Abs plastic frame provide a sturdy structure, large filtering area and low resistance.
- ▶ Effectively improve the service life, reduce the cost, and protect the best performance of the engine under the most demanding operating conditions.
- ▶ The filter material is additionally equipped with a protective net to avoid damage to the filter during handling and installation.

USING

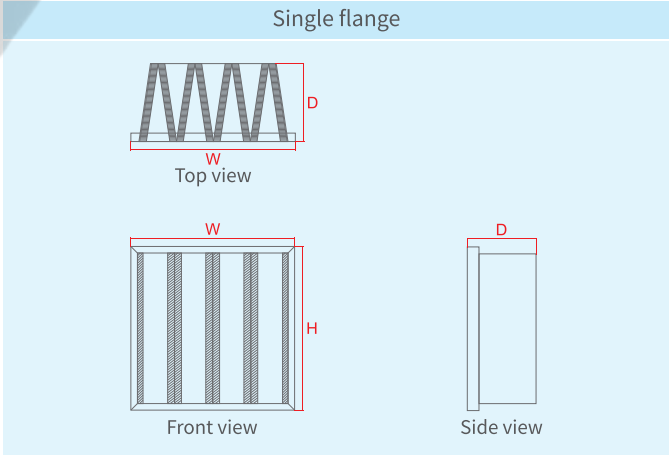
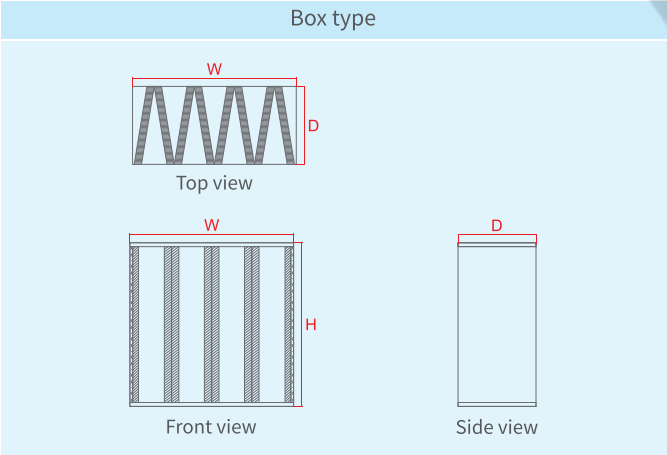
- ▶ It can be used as the front filter of high efficiency filter and can be used in animal husbandry, aerospace, electronics, semiconductor, wafer, biopharmaceutical, hospital, food processing and other high cleanliness occasions.

TECHNICAL DATA

Filter Media	Filter Paper / PP Filter Paper
Frame Material	ABS plastic / Aluminum / Galvanized / Stainless Steel
Sealants	Pu two-component polyurethane glue
Sealing Type	EVA / EPDM / PU
Separators	Hot melt glue
Optional Thickness (mm)	292
Maximum Temperature	70°C
Maximum Humidity	100%



Three Views of Filter





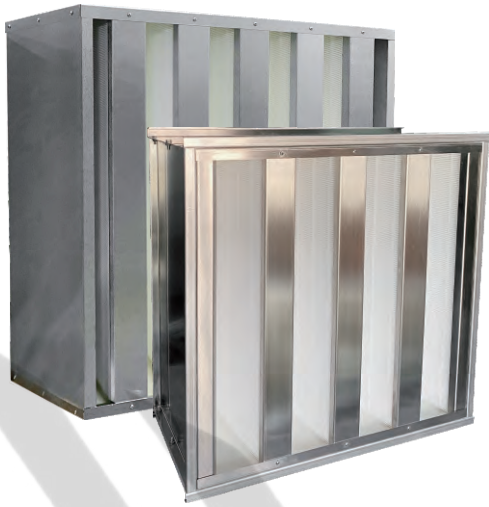
FILTRATION GRADE **M6** **F7** **F8** **F9** **E10** **E11** **E12** **H13** **H14**

Filtration Grade	Dimensions (mm) W x H x D	Filter Area (m ²)	Rated Air Flow (m ³ /h)	Testing Wind Velocity (m/s)	Initial Pressure Drop (Pa)	Final Pressure Drop (Pa)
M6	287 x 287 x 292/2V	4.58	750	2.5	70	150
	592 x 287 x 292/4V	9.91	1600			
	490 x 490 x 292/3V	12.20	2160			
	592 x 592 x 292/4V	19.83	3200			
F7	287 x 287 x 292/2V	4.58	750	2.5	75	180
	592 x 287 x 292/4V	9.91	1600			
	490 x 490 x 292/3V	12.20	2160			
	592 x 592 x 292/4V	19.83	3200			
F8	287 x 287 x 292/2V	4.58	750	2.5	100	200
	592 x 287 x 292/4V	9.91	1600			
	490 x 490 x 292/3V	12.20	2160			
	592 x 592 x 292/4V	19.83	3200			
F9	287 x 287 x 292/2V	4.58	750	2.5	125	250
	592 x 287 x 292/4V	9.91	1600			
	490 x 490 x 292/3V	12.20	2160			
	592 x 592 x 292/4V	19.83	3200			
E10	287 x 287 x 292/2V	4.58	750	2.5	150	450
	592 x 287 x 292/4V	9.91	1600			
	490 x 490 x 292/3V	12.20	2160			
	592 x 592 x 292/4V	19.83	3200			
H13	287 x 287 x 292/2V	4.58	750	2.5	250	500
	592 x 287 x 292/4V	9.91	1600			
	490 x 490 x 292/3V	12.20	2160			
	592 x 592 x 292/4V	19.83	3200			
H14	287 x 287 x 292/2V	4.58	750	2.5	270	500
	592 x 287 x 292/4V	9.91	1600			
	490 x 490 x 292/3V	12.20	2160			
	592 x 592 x 292/4V	19.83	3200			

★ Data may change without notice. Other specifications and thickness are available on request.



V-bank High Efficiency Filter



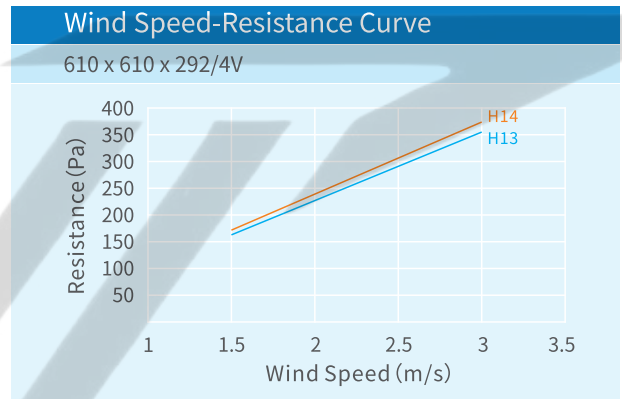
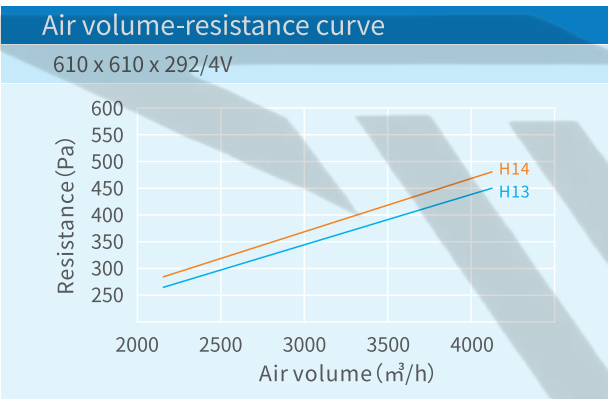
PRODUCT FEATURES

- ▶ Large air flow and low resistance.
- ▶ Large load, high efficiency, suitable for constant airflow and variable airflow systems.
- ▶ Extended filter area.

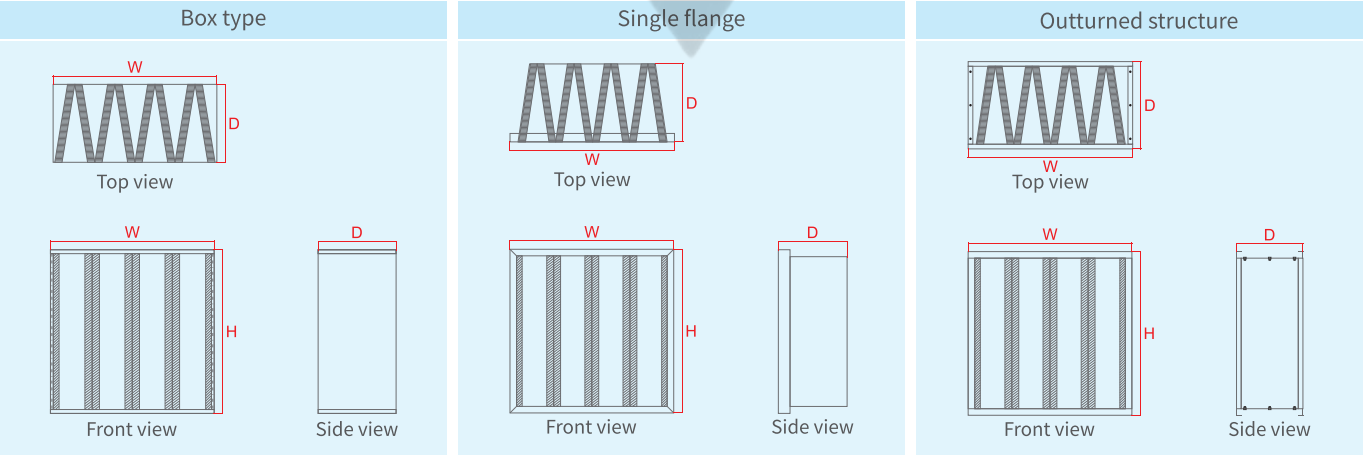
USING

- ▶ Commercial and industrial ventilation systems, intermediate or end filtration of air conditioning systems.

TECHNICAL DATA



Three Views of Filter





FILTRATION GRADE **M6** **F7** **F8** **F9** **E10** **E11** **E12** **H13** **H14**

Filter Media	Ultrafine glass fiber filter
Frame Material	Aluminum / Galvanized / Stainless Steel
Sealants	Pu two-component polyurethane adhesive
Sealing Type	EVA / EPDM / PU
Separators	Hot melt adhesive
Optional Thickness (mm)	220 / 250 / 292 / 305
Maximum Temperature	70°C
Maximum Humidity	100%

Filtration Grade	Dimensions (mm) W x H x D	Filter Area (m ²)	Rated Air Flow (m ³ /h)	Testing Wind Velocity (m/s)	Initial Pressure Drop (Pa)	Final Pressure Drop (Pa)
F9	592 x 287 x 292/4V	7.40	1600	2.5	125	250
	592 x 592 x 292/4V	14.78	3200			
	610 x 305 x 292/4V	8.25	1520			
	610 x 305 x 292/5V	10.32	1680			
	610 x 610 x 292/4V	16.50	3250			
	610 x 610 x 292/5V	20.62	3400			
E10	592 x 287 x 292/4V	7.64	1600	2.5	150	450
	592 x 592 x 292/4V	18.13	3200			
	610 x 305 x 292/4V	9.89	1520			
	610 x 305 x 292/5V	12.28	1680			
	610 x 610 x 292/4V	19.12	3250			
	610 x 610 x 292/5V	24.26	3400			
H13	592 x 287 x 292/4V	7.64	1600	2.5	300	500
	592 x 592 x 292/4V	18.13	3200			
	610 x 305 x 292/4V	9.89	1520			
	610 x 305 x 292/5V	12.28	1650			
	610 x 610 x 292/4V	19.12	3250			
	610 x 610 x 292/5V	24.26	3400			
H14	592 x 287 x 292/4V	7.64	1600	2.5	320	500
	592 x 592 x 292/4V	18.13	3200			
	610 x 305 x 292/4V	9.89	1520			
	610 x 305 x 292/5V	12.28	1650			
	610 x 610 x 292/4V	19.12	3200			
	610 x 610 x 292/5V	24.26	3400			

★ Data may change without notice. Other specifications and thickness are available on request.



Deep Pleated HEPA Filter

FILTRATION GRADE **M6** **F7** **F8** **F9** **E10** **H13** **H14**



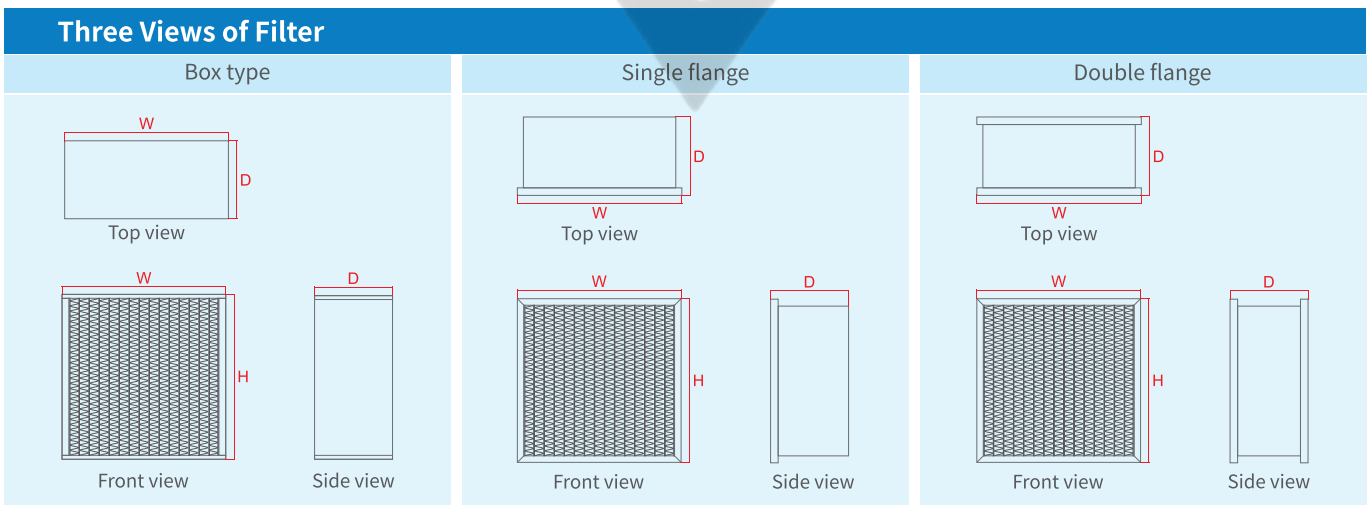
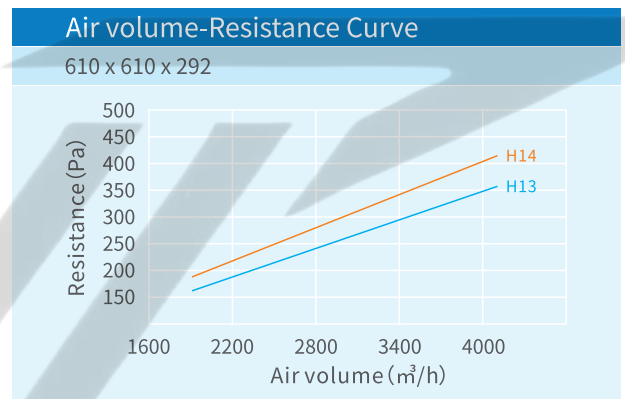
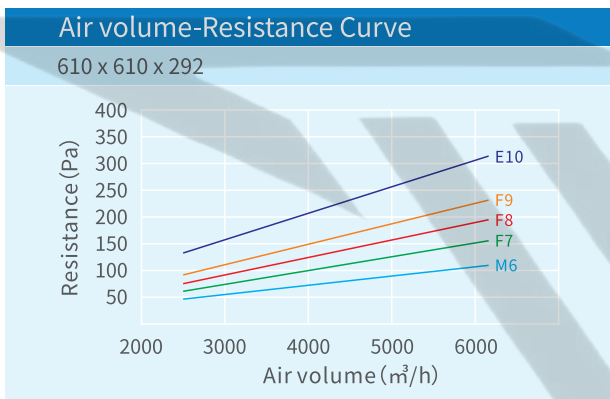
PRODUCT FEATURES

- ▶ The filter material is a high-density paper made of ultra-fine glass fiber.
- ▶ Aluminum or paper separators accurately maintain the distance between the pleats
- ▶ The thickness of the aluminum foil is 0.03mm and the corrugation height is 4mm, which can fully guarantee the area of the filter material and the quality of the filter.

USING

- ▶ It is widely used in many application fields such as electronics, optics, semiconductor, surface treatment, coating, chemical industry, biological manufacturing, hospital and automobile industry.

TECHNICAL DATA



**Deep Pleated HEPA Filter**FILTRATION GRADE **M6** **F7** **F8** **F9** **E10** **H13** **H14**

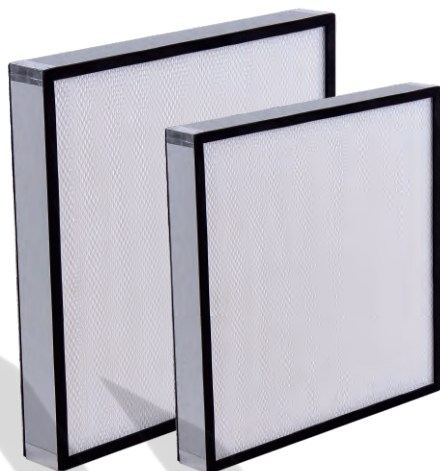
Filter Media	Ultrafine glass fiber filter
Frame Material	Aluminum / Galvanized / Stainless steel / Wooden
Sealants	Pu two-component polyurethane adhesive
Separator	Plastic paper / Foil
Optional Thickness (mm)	80 / 96 / 120 / 150 / 220 / 292 / 305
Maximum Temperature	Plastic paper 50°C / Foil 100°C
Maximum Humidity	100%

Filtration Grade	Dimensions (mm) W x H x D	Filter Area (m²)	Rated Air Flow (m³/h)	Testing Wind Velocity (m/s)	Initial Pressure Drop (Pa)	Final Pressure Drop (Pa)
M6	320 x 320 x 150	2.59	450	1.2	90	300
	484 x 484 x 220	9.46	1700	2.0		
	305 x 610 x 292	10.52	1700	2.5		
	610 x 610 x 292	21.25	3400	2.5		
F7	320 x 320 x 150	2.59	450	1.2	130	300
	484 x 484 x 220	9.46	1700	2.0		
	305 x 610 x 292	10.52	1700	2.5		
	610 x 610 x 292	21.25	3400	2.5		
F8	320 x 320 x 150	2.59	450	1.2	140	300
	484 x 484 x 220	9.46	1700	2.0		
	305 x 610 x 292	10.52	1700	2.5		
	610 x 610 x 292	21.25	3400	2.5		
F9	320 x 320 x 150	2.59	450	1.2	150	300
	484 x 484 x 220	9.46	1700	2.0		
	305 x 610 x 292	10.52	1700	2.5		
	610 x 610 x 292	21.25	3400	2.5		
E10	320 x 320 x 150	2.59	450	1.2	180	400
	484 x 484 x 220	9.46	1700	2.0		
	305 x 610 x 292	10.52	1700	2.5		
	610 x 610 x 292	21.25	3400	2.5		
H13	320 x 320 x 150	2.59	350	1.0	250	500
	484 x 484 x 220	9.46	1250	1.5		
	305 x 610 x 292	10.52	1700	2.5		
	610 x 610 x 292	21.25	3400	2.5		
H14	320 x 320 x 150	2.59	350	1.0	280	500
	484 x 484 x 220	9.46	1250	1.5		
	305 x 610 x 292	10.52	1700	2.5		
	610 x 610 x 292	21.25	3400	2.5		

★ Data may change without notice. Other specifications and thickness are available on request.



Mini Pleated Filter

FILTRATION GRADE **H13** **H14** **U15** **U16**

PRODUCT FEATURES

- ▶ Special hot melt adhesive dividers ensure optimal air flow.
- ▶ The special viscose completely seals the filter material and frame, effectively preventing side leakage and damage.
- ▶ The filter material is composed of waterproof and flame-retardant glass fiber filter paper or PP high-efficiency filter paper.
- ▶ Laser scanning test one by one, temperature resistance 80°C, low resistance, high efficiency and long service life.

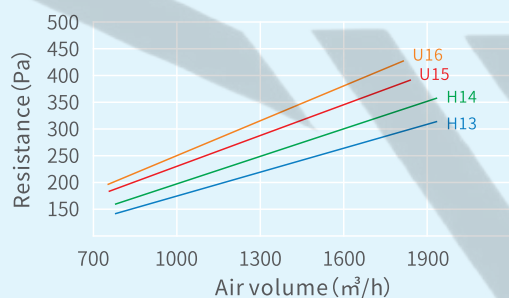
USING

- ▶ It is suitable for occasions with high cleanliness requirements such as hospitals, electronics, food, precision machinery, semiconductors, and clean rooms.

TECHNICAL DATA

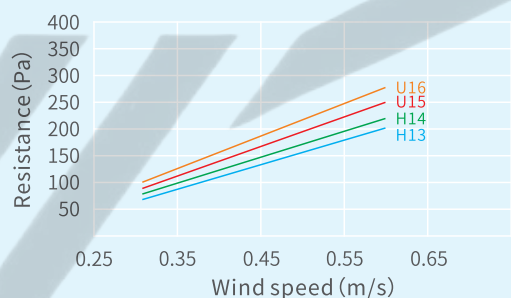
Air volume-Resistance Curve

610 x 610 x 69



Wind Speed-Resistance Curve

610 x 610 x 69



Filter Media	Ultrafine glass fiber filter
Frame Material	Aluminum / Galvanized / Stainless Steel
Sealants	Pu two-component polyurethane adhesive
Sealing Type	EVA / EPDM of Polyurethane foam sealant
Optional Thickness (mm)	46 / 50 / 69 / 90 / 100
Maximum Temperature	70°C
Maximum Humidity	100%



Mini Pleated Filter

FILTRATION GRADE **H13** **H14** **U15** **U16**

Filtration Grade	Dimensions (mm) W x H x D	Filter Area (m ²)	Rated Air Flow (m ³ /h)	Testing Wind Velocity (m/s)	Initial Pressure Drop (Pa)	Final Pressure Drop (Pa)
H13	610 x 610 x 50	7.61	450	0.35	110	250
	915 x 610 x 50	11.29	680	0.35	110	250
	610 x 610 x 69	9.89	600	0.45	100	200
	915 x 610 x 69	23.19	896	0.45	100	200
	1170 x 570 x 69	25.21	1080	0.45	100	200
	1220 x 610 x 100	30.76	1200	0.45	85	180
	1170 x 1170 x 100	32.28	2180	0.45	85	180
H14	610 x 610 x 50	7.61	450	0.35	115	250
	915 x 610 x 50	11.29	680	0.35	115	250
	610 x 610 x 69	9.89	600	0.45	110	230
	915 x 610 x 69	23.19	896	0.45	110	230
	1170 x 570 x 69	25.21	1080	0.45	110	230
	1220 x 610 x 100	30.76	1200	0.45	90	180
	1170 x 1170 x 100	32.28	2180	0.45	90	180
U15	610 x 610 x 50	7.61	450	0.35	145	300
	915 x 610 x 50	11.29	680	0.35	145	300
	610 x 610 x 69	9.89	600	0.45	130	260
	915 x 610 x 69	23.19	896	0.45	130	260
	1170 x 570 x 69	25.21	1080	0.45	130	260
	1220 x 610 x 100	30.76	1200	0.45	100	200
	1170 x 1170 x 100	32.28	2180	0.45	100	200
U16	610 x 610 x 50	7.61	450	0.35	158	350
	915 x 610 x 50	11.29	680	0.35	158	350
	610 x 610 x 69	9.89	600	0.45	148	300
	915 x 610 x 69	23.19	896	0.45	148	300
	1170 x 570 x 69	25.21	1080	0.45	148	300
	1220 x 610 x 100	30.76	1200	0.45	110	250
	1170 x 1170 x 100	32.28	2180	0.45	110	250

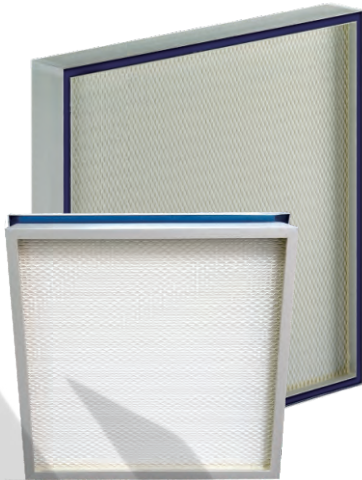
Efficient : 99.9995%@0.3µm Super efficient : 99.99995%@0.3µm

★ Data may change without notice. Other specifications and thickness are available on request.





Gel Seal HEPA Filter

FILTRATION GRADE **E10** **E11** **E12** **H13** **H14**

PRODUCT FEATURES

- ▶ Aluminum foil separation, pleated filter material, suitable for high temperature, high humidity environment.
- ▶ Specially designed for high standard clean environment.
- ▶ Suitable for uneven air flow working environment.
- ▶ Can provide liquid tank seal.

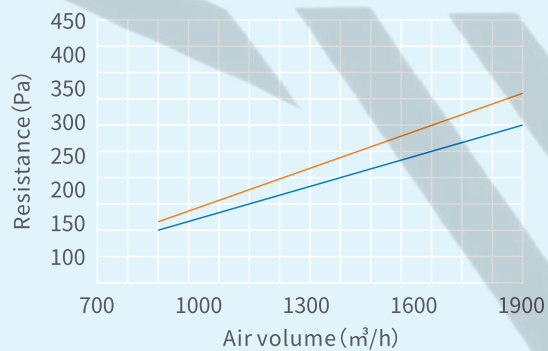
USING

- ▶ It is widely used in clean rooms with high requirements, large-area vertical laminar flow, hundred-level laminar flow hood and HEPA installation, etc.

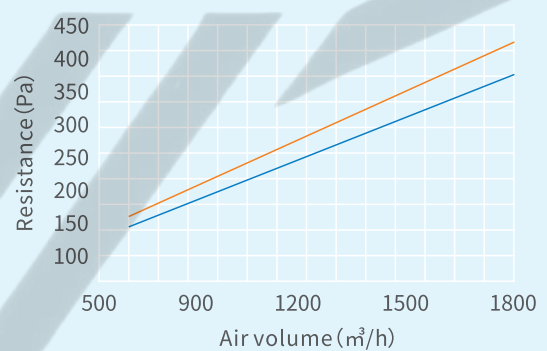
TECHNICAL DATA

Air volume-Resistance Curve

Side liquid tank(636 x 636 x 90)



Top liquid tank(610 x 610 x 90)



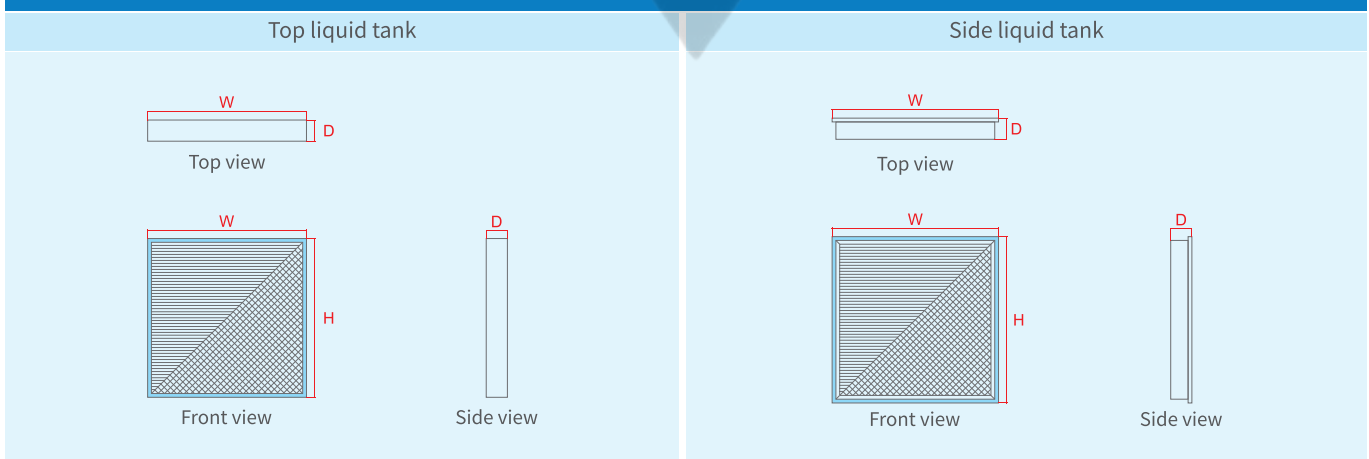
Filter Media	Fiberglass	
Frame Material	Aluminum / Galvanized / Stainless Steel	
Frame Sealant	Pu two-component polyurethane adhesive	
Sealants In Slots	Imported liquid tank sealant	
Optional Thickness (mm)	Top liquid tank:81 / 95	Side liquid tank :69 / 75 / 90 / 93 / 104 / 117
Maximum Temperature	70°C	
Maximum Humidity	100%	

**Gel Seal HEPA Filter**FILTRATION GRADE **E10** **E11** **E12** **H13** **H14**

Dimensions (mm) W x H x D	Air Flow (m ³ /h)	Initial Pressure Drop (Pa)	Filter Area (m ²)	Filtration Grade	Tank Direction
346 x 346 x 69	300	190	2.80	H14	Side
510 x 510 x 69	650	190	6.32	H14	Side
636 x 636x 69	1000	190	10.00	H14	Side
636 x 941 x 69	1500	190	14.84	H14	Side
596 x 1196 x 69	1800	190	17.63	H14	Side
636 x 1246 x 69	2000	190	19.68	H14	Side
346 x 346 x 90	500	220	4.40	H14	Side
510 x 510 x 90	1000	220	9.97	H14	Side
636 x 636 x 90	1500	220	15.77	H14	Side
636 x 941 x 90	2000	220	23.40	H14	Side
596 x 1196 x 90	2500	220	27.80	H14	Side
636 x 1246 x 90	3000	220	31.04	H14	Side
320 x 320 x 95	350	220	3.19	H14	Top
484 x 484 x 95	700	220	7.24	H14	Top
610 x 610 x 95	1100	220	11.45	H14	Top
610 x 1220 x 95	2200	220	22.55	H14	Top

★ Data may change without notice. Other specifications and thickness are available on request.

Slot sealed high efficiency filter is an ideal terminal filter for biological clean room, and also an ideal supporting filter for other purification equipment. The sealing method of liquid tank is superior to the mechanical pressing device in China. The tank sealing filter is easy to install and reliable to seal. It is a widely used sealing method of HEPA filter around world.

Three Views of Filter



OTHER SERIES

62/76



HEPA Air Supply Unit



PRODUCT FEATURES

- ▶ The shell is made of high quality cold rolled steel plate and surface electrostatic spray.
- ▶ Beautiful appearance, strong versatility, simple construction, simple structure, less investment.
- ▶ Reasonable design of diffuser plate hole to ensure jet speed and prevent eddy current.

USING

- ▶ It is suitable for the terminal filter air supply device of the thousand, ten thousand and one hundred thousand class air purification systems.

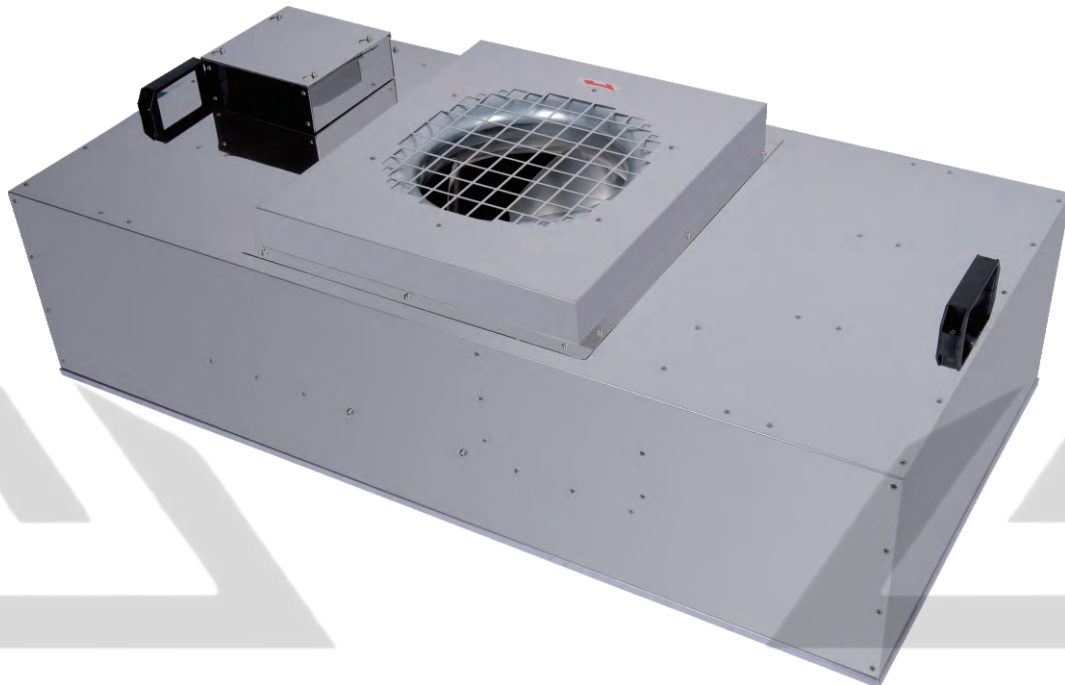
TECHNICAL DATA

Model		Cabinet Installation Size B*A*H (mm)	Filter Size (mm)	Rated Air Flow (m ³ /h)	Inlet Pipe Size D*C (mm)	Box Size T*S*R (mm)	Ring Spacing P(mm)	Weight (kg)
Side Air	Top Air Supply							
GHC-484	GHC-484D	534 x 534 x 570	484 x 484 x 220	1000	320 x 200	584 x 584 x 570	534 x 534	~26
GHC-610	GHC-610D	660 x 660 x 550	610 x 610 x 150	1000	320 x 250	710 x 710 x 550	660 x 660	~30
GHC-820	GHC-820D	870 x 650 x 550	820 x 600 x 150	1200	320 x 250	920 x 700 x 550	870 x 650	~35
GHC-630	GHC-630D	680 x 680 x 620	630 x 630 x 220	1500	320 x 250	730 x 730 x 620	680 x 680	~35
GHC-1220	GHC-1220D	1270 x 660 x 510	1220 x 610 x 150	2000	500 x 200	1320 x 710 x 510	1270 x 660	~55
GHC-1260	GHC-1260D	1310 x 680 x 670	1260 x 630 x 220	3000	650 x 300	1360 x 730 x 670	1310 x 680	~60

★ Data may change without notice. Other specifications and thickness are available on request.



FFU (Fan Filter Unit)



PRODUCT FEATURES

- ▶ The FFU box made of cold-rolled steel plate sprayed plastic or stainless steel has a strong structure.
- ▶ Direct-drive high-efficiency centrifugal fan is adopted, which has long life, low noise, maintenance-free, low vibration and adjustable speed.
- ▶ It is suitable for assembling into an ultra-clean production line, which can be used as a single unit according to the process layout, or multiple units can be connected in series to form a 100-stage assembly line.

TECHNICAL DATA

Box Size (mm) W x H x D	575 x 575 x 290	1175 x 575 x 290	1175 x 875 x 290	1175 x 1175 x 290
Keel Size (mm)	600 x 600	600 x 1200	900 x 1200	1200 x 1200
Air Flow (CMM)	5 ~ 8	12 ~ 18	19 ~ 28	21 ~ 37
Wind Velocity Test (m/s)	0.45±20%			
HEPA Efficiency	≥99.95 - 99.995@MPPS			
HEPA Size	570 x 570 x 70	1170 x 570 x 70	1170 x 870 x 70	1170 x 1170 x 70
Noise	48 - 54dB (A)	48 - 54dB (A)	50 - 56dB (A)	52 - 58dB (A)
Shell Material	Galvanize / Aluminium / Stainless steel			
Power Supply	AC Single-phase : 110V / 220V / 50Hz / 60Hz			
Power (w)	130 - 150	130 - 150	170 - 190	235 - 255

★ Data may change without notice. Other specifications and thickness are available on request.



FFU (Fan Filter Unit)



PRODUCT FEATURES

- ▶ Use stainless steel or paint cold-rolled board.
- ▶ Low energy consumption, low noise, high static pressure.
- ▶ Light weight, easy to install and maintain.
- ▶ Adjustable wind speed operation, uniform wind speed.

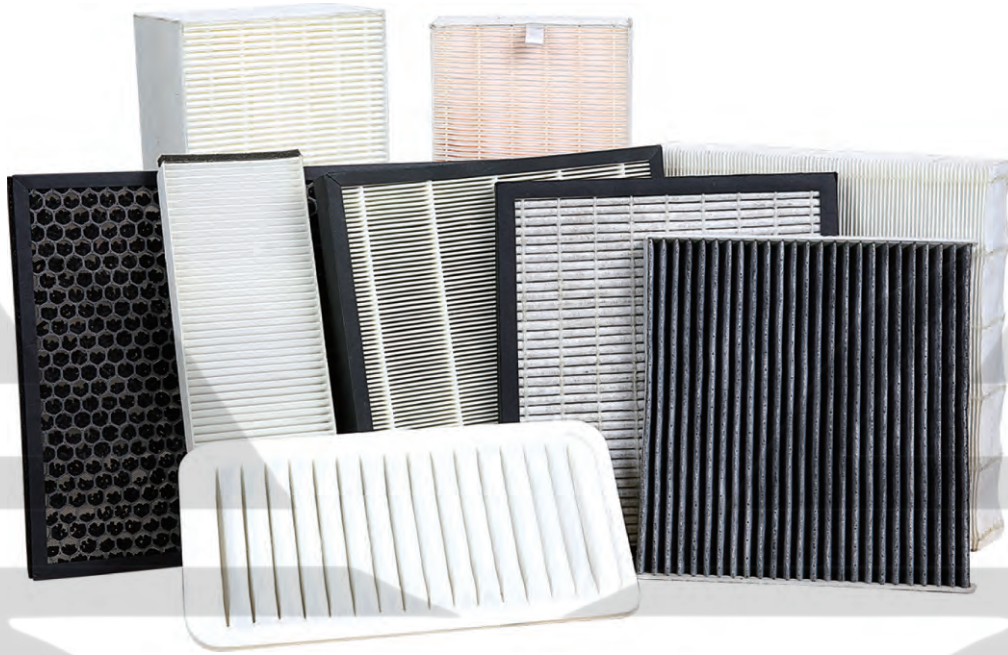
TECHNICAL DATA

Dimensions (mm) W x H x D	Output Power (W)	Rated Air Flow (m ³ /h)	Filtration Efficiency (0.3μm)
615 x 615 x 320	80~160	600	≥99.95 - 99.995@MPPS
915 x 615 x 320	80~160	900	
1175 x 575 x 320	80~160	1000	
1225 x 615 x 320	80~160	1200	
1175 x 1175 x 320	160~320	2000	



Cleaner HEPA filter

FILTRATION GRADE **H13** **H14**



PRODUCT FEATURES

- ▶ The filter material uses glass fiber or PP high-efficiency filter paper.
- ▶ According to different space sizes, you can select matching filters.
- ▶ It can filter 99.97% of particles in the air.

USING

- ▶ Products are mainly installed in air purifiers and used in public places such as homes, offices, hospitals, hotels, and automobiles, factories, sewage plants, Comprehensive air treatment of residential waste and other air.





Dust Collector Filter Bag

P84 Felt

Model : CJ-01	Fiber : Polyimid(P84)
Scrim: PTFE Filament Yarn	Weight : 500g/m ²
Thickness : 2.5mm	Width : 2150mm
Fracture strength: Meridional (MD)>600 Zonal (XD)900	
Elongation at break: Meridional (MD)20% Zonal (XD)40%	
Elongation @50 N : Meridional (MD)3% Zonal (XD)3%	
Linear shrinkage @260°C: Meridional (MD)1% Zonal (XD)1%	
Acid resistance: general	Chemical properties: good
Hydrolysis Resistance: Good	Antioxidant: Good
Anti-alkaline: Good	
Continuous operating temperature: 240°C	
Instant operating temperature: 260°C	



PPS Felt

Model: CJ-02	Fiber: PPS
Scrim: PPS Spun Yarn	Weight : 500g/m ²
Thickness : 1.5mm	Width : 2150mm
Fracture strength: Meridional (MD)800 Zonal (XD)1200	
Elongation at break: Meridional (MD)25% Zonal (XD)45%	
Elongation @50 N : Warp (MD)1.5% Zonal (XD)2%	
Linear shrinkage @260°C: Meridional (MD)3% Zonal (XD)3%	
Anti-acid: Good	Alkaline: Good
Chemical properties: Good	
Hydrolysis resistance: poor	Antioxidant: Good
Continuous operating temperature: 180°C	
Instant operating temperature: 200°C	



Nomex Felt

Model: CJ-03	Fiber: Normex
Scrim: Nomex Spun Yarn	Weight : 500g/m ²
Thickness : 2.2mm	Door width : 2150mm
Fracture strength: Meridional (MD)800 Zonal (XD)1300	
Elongation at break: Meridional (MD)20% Zonal (XD)40%	
Elongation @50 N : Meridional (MD)2% Zonal (XD)3%	
Linear shrinkage @260°C: Meridional (MD)3% Zonal (XD)3%	
Anti-acid: general	Anti-alkaline: Good
Wear resistance: Good	
Hydrolysis resistance: general	Antioxidant: General
Continuous operating temperature: 200°C	
Instant operating temperature: 230°C	



Aramid Felt

Model: CJ-04	Fiber: Aramid
Scrim: Aramid Spun Yarn	Weight: 500 g/m ²
Thickness: 2.2 mm	Width: 2150mm
Fracture strength: Meridional (MD)800 Zonal (XD)1200	
Elongation at break: Meridional (MD)20% Zonal (XD)40%	
Elongation @50 N: Meridional (MD)2% Zonal (XD)3%	
Linear shrinkage @260°C: Meridional (MD)3% Zonal (XD)3%	
Anti-acid: general	Anti-alkaline: Good
Wear resistance: Good	
Hydrolysis resistance: general	Antioxidant: General
Continuous operating temperature: 200°C	
Instant operating temperature: 230°C	




Polyester Felt

Model: CJ-05	Fiber: Polyester
Scrim: Polyester Standard Filament Yarn	
Weight: 500g/m ²	Thickness: 1.8mm
Width: 2150mm	
Fracture strength: Meridional (MD)1300 Zonal (XD)1700	
Elongation at break: Meridional (MD)25% Zonal (XD)45%	
Elongation @50 N : Warp (MD)1% Zonal (XD)2%	
Linear shrinkage @260°C: Meridional (MD)3% Zonal (XD)3%	
Breakout strength :750+Psi	Acid resistance: general
Anti-alkaline: poor	Hydrolysis resistance: poor
Antioxidant: Good	Wear resistance: Good
Continuous operating temperature: 130°C	
Instant operating temperature: 150°C	



Polyester Needle Felt

Model: CJ-09	Fiber: Polyester
Weight: 500g/m ²	Thickness: 1.7mm
Width: 2150mm	
Fracture strength: Meridional (MD) ≥ 110 Zonal (XD) ≥ 1350	
Elongation at break: Meridional (MD) ≤ 25% Zonal (XD) ≤ 45%	
Breakout strength :1.15 Psi	Anti-acid: Good
Anti-alkaline: Good	Wear resistance: Good
Hydrolysis Resistance: Good	
Continuous operating temperature: 130°C	
Instant operating temperature: 150°C	





Flat Cell Air Filter

FILTRATION GRADE **G3**

PRODUCT FEATURES

- ▶ Raw material polyester fiber.
- ▶ Pleated design for easy cleaning.
- ▶ Easy to install and disassemble.
- ▶ Strong burst resistance, washable.
- ▶ Increase the filtration area by more than 200%.

USING

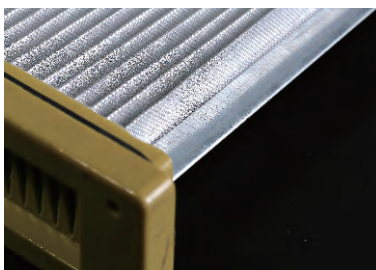
- ▶ Suitable for various industrial purposes, such as pollution prevention, public construction, air-conditioning industry, pharmaceutical industry, food industry, etc.

TECHNICAL DATA

Model	Flange Length (mm)	Flange Width (mm)	Height (mm)	Filter Area (m ²)
B16570	570	70	1075	4.48
B16500	500	96	1000	4.00
B16240	240	90	820	3.90
B16460	460	85	930	2.74
B16480	480	65	1500	4.99
B16625	625	105	1195	5.40

SELECTION OF FILTER MATERIAL

- ▶ HL/PE260 Ordinary polyester fiber.
- ▶ HL/LR240 Oil and water repellent treated polyester fiber.
- ▶ HL/AL260 Anti-static treated polyester fiber.
- ▶ HL/FM260 coated polyester fiber.
- ▶ TE/FM260 Donaldson coated polyester fiber.





Cartridge Filter



PRODUCT FEATURES

- ▶ Wood pulp fiber.
- ▶ Wide pleat spacing, easy to clean gray design.
- ▶ Galvanized metal, rubber ring seal.
- ▶ High efficiency filtration.
- ▶ Top opening, bottom opening/back cover/hole installation.

TECHNICAL DATA

Model	Outer Diameter (mm)	Inner Diameter (mm)	Height (mm)	Filter area (m ²)
YZ66400	400	290	660	23
YZ66445	445	330	660	25
Y66324	324	213	660	21
Y66325	325	220	660	21

★ Data may change without notice. Other specifications and thickness are available on request.



FILTER MATERIAL

70/76



Laminated filter media

FILTRATION GRADE **G3** **G4** **M5** **M6** **F7** **F8** **F9**



PRODUCT FEATURES

- ▶ The use of anti-fracture PET organic synthetic fiber.
- ▶ It is designed as pre-filtration or preliminary filtration for general ventilation equipment and air control systems with heavy pollution.
- ▶ It has the characteristics of high dust holding capacity and low resistance, and it has a long life and is economical and practical.
- ▶ Choice of thickness: 22/44/90mm

USING

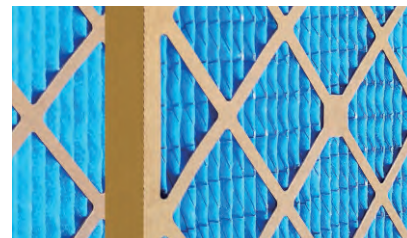
- ▶ Used for filter material of metal frame filter such as cardboard frame, aluminum frame and galvanized frame.

TECHNICAL DATA

Filtration Grade	Arrestance	Testing Wind Velocity (m/s)	Initial Pressure Drop (Pa)	Initial Resistance (Pa)	Dust Holding Capacity (g/m ²)
G3	91%	0.2	<15	3	135
G4	91%	0.5	<10	10	135
M5	92%	0.4	<20	20	138
M6	96%	0.3	<30	30	138
F7	97%	0.15	<55	40	142
F8	98%	0.1	<80	50	142
F9	99%	0.1	<90	55	150

Standard size: 610mm x 150m、 510mm x 150m Thickness: 3mm

★ Data may change without notice. Other specifications and thickness are available on request.





Fiberglass Paper



PRODUCT FEATURES

- ▶ The material is glass fiber.
- ▶ It has the characteristics of high dust holding capacity and high efficiency.
- ▶ According to different filtering levels, it can be divided into ASHRAE, HEPA and ULPA.

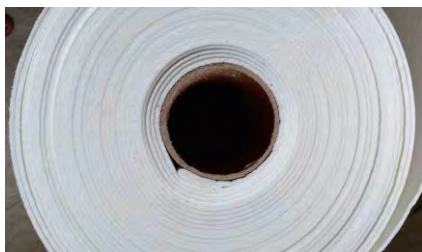
USING

- ▶ Mainly used in equipment and systems that require high-temperature air purification, such as ultra-clean ovens and automobile coating.

TECHNICAL DATA

Filtration Grade	Thickness (mm) (10KPa)	Weight (g/m ²)	Longitudinal Strength (KN/m)	Tensile Strength (KN/m)	Stiffness (mg)	Ignition Loss (%)	Efficiency (%)@0.3μm	Resistance (Pa)
M6	0.6 ± 0.03	70 ± 3	≥ 0.98	≥ 0.5	≥ 900	≤ 7	≥ 15	16
F7	0.6 ± 0.03	70 ± 3	≥ 0.98	≥ 0.5	≥ 900	≤ 7	≥ 50	≤ 38
F8	0.6 ± 0.03	70 ± 3	≥ 0.98	≥ 0.5	≥ 950	≤ 7	≥ 60	≤ 55
F9	0.55 ± 0.03	70 ± 3	≥ 0.98	≥ 0.5	≥ 950	≤ 7	≥ 85	≤ 80
H10	0.49 ± 0.03	70 ± 3	≥ 0.98	≥ 0.5	≥ 950	≤ 7	≥ 95	130 - 150
H11	0.49 ± 0.03	70 ± 3	≥ 0.98	≥ 0.5	≥ 950	≤ 7	≥ 99	150 - 170
H12	0.49 ± 0.03	75 ± 3	≥ 0.98	≥ 0.5	≥ 950	≤ 7	≥ 99.5	240 - 260
H13	0.49 ± 0.03	75 ± 3	≥ 0.98	≥ 0.5	≥ 950	≤ 7	≥ 99.97	310 - 330
H14	0.5 ± 0.03	75 ± 3	≥ 0.98	≥ 0.5	≥ 950	≤ 7	≥ 99.993	360 - 380
U15	0.49 ± 0.03	75 ± 3	≥ 0.98	≥ 0.5	≥ 950	≤ 7	≥ 99.998	390 - 420

★ Data may change without notice. Other specifications and thickness are available on request.



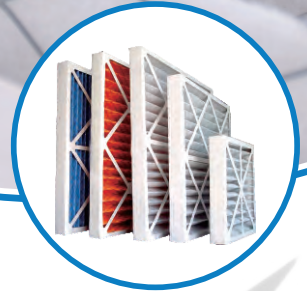
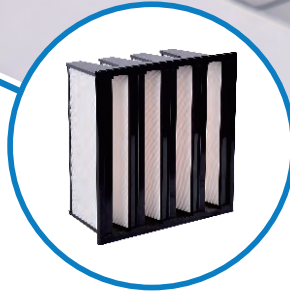
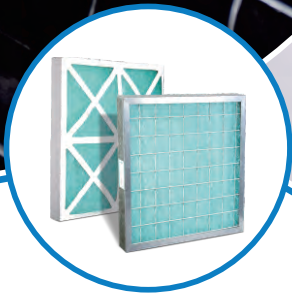
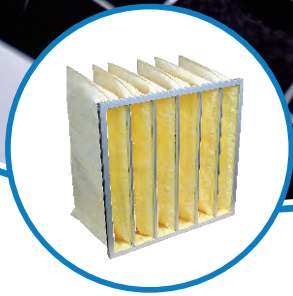


Pocket Filter Media Roll

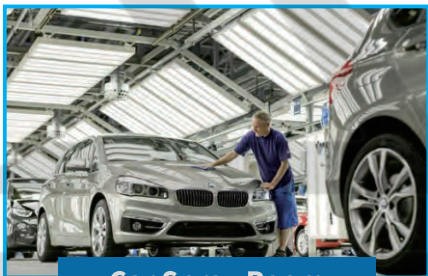


TECHNICAL DATA

Efficiency Rating	G4	M5	M6	F7	F8	F9
0.3µmEfficiency	5-15%	50-70%	70-80%	80 -90%	90-95%	95-97%
0.5µmEfficiency	15-35%	70-80%	80-90%	90 -95%	95-97%	97-99%
1.0µmEfficiency	35-45%	80-90%	90-95%	95 -98%	97-99%	99-100%
5.0µmEfficiency	70-80%	100%	100%	100%	100%	100%
Resistance	1.0-1.5pa	5.0-6.0pa	5.5-6.5pa	10.0-11.5pa	16.0-17.5pa	20.0-22.0pa
EUR Standard Color	White	White/Orange	Green	Pink	Light yellow	White
CN Standard Color	White	White/Orange	Green	Pink	Light yellow	White
Testing Medium	NAACL					
Size	Customized according to customer requirements					
Rated Air Flow	32.0L/Min					
Process requirements: Blank holder composite.						
Optimum environmental requirements: Temperature (26±2) °C, Humidity (55±10) %						



Applications



Car Spray Room



Subway



Airport



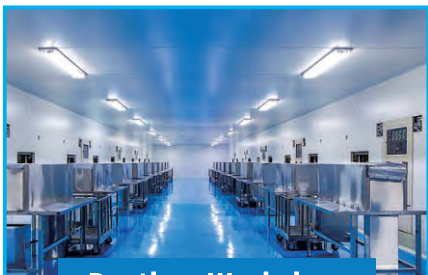
Laboratory



Operating Room



Data Centre



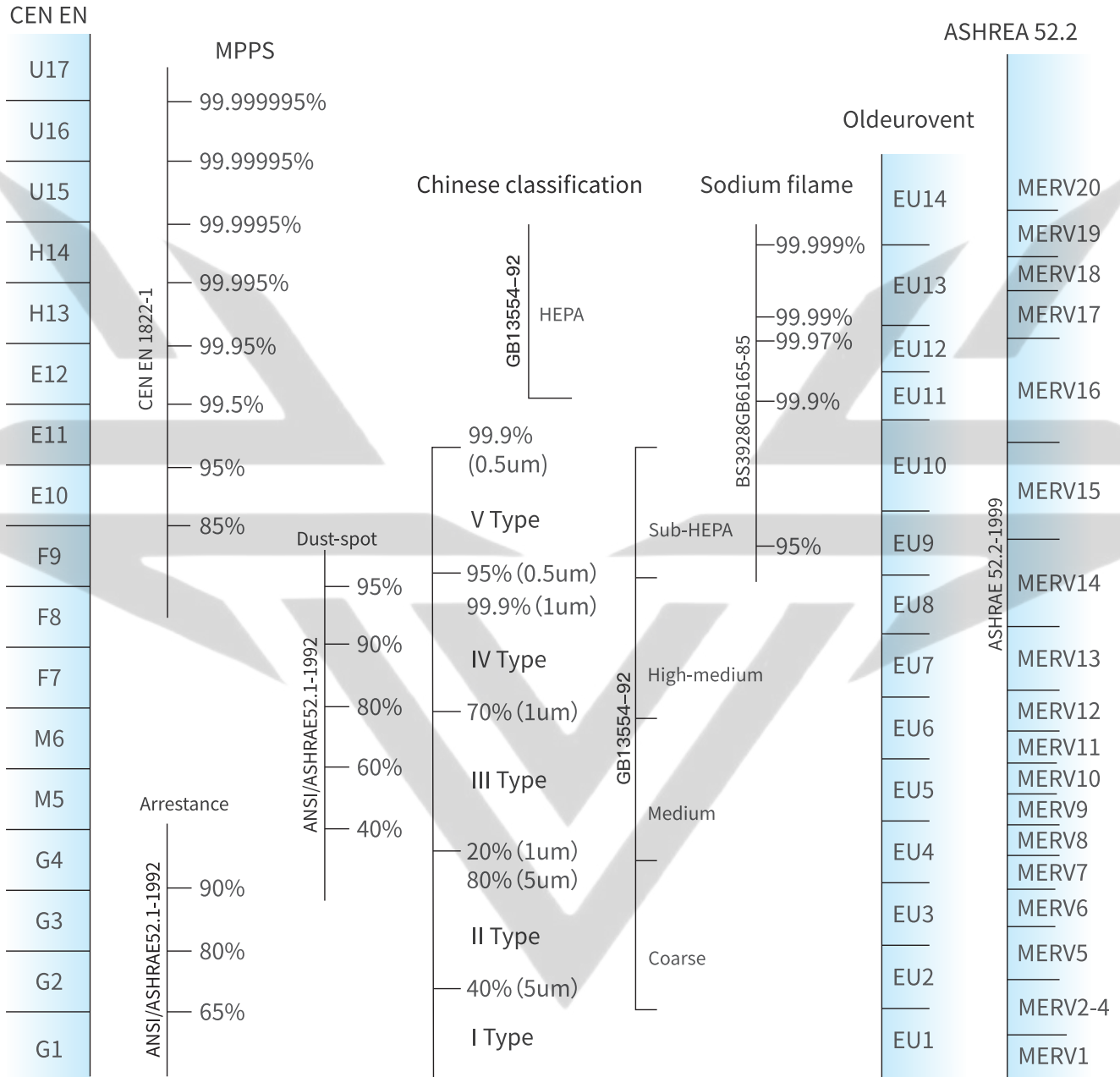
Dustless Workshop



Animal Husbandry



Filter Efficiency And Classifications



GB T14295 of China	Coarse				Medium				High Medium				Sub-Hepa				HEPA			
United States	C1	C2,3,4	L5	L6	L7	L8	M9	M10	M11	M12	H13	H14	H15	H16		UH17	UH18	UH19	UH20	
EN 779 & EN 1822	G1	G2	G3	G4	M5	M6	F7	F8	F9	E10	E11	E12	H13		H14		15-17			
EUROVENT Europe	EU1	EU2	EU3	EU4	EU5	EU6	EU7	EU8	EU9	EU10	EU11	EU12	EU13	EU14						



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