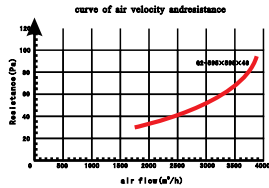


### Application:

Pre-filter use in air condition system and other ventilate system.

### Features:

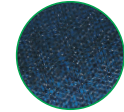
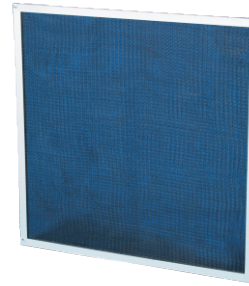
- ★ Acid and alkali-resistance, High temperature environment
- ★ Filter Particles:  $\geq 10\mu\text{m}$
- ★ Low Resistance, Large Air Flow
- ★ Large Dust Holding Capacity
- ★ Long working life
- ★ Conform to the standard EN779



### Specification:

Type	Dimensions (mm)			Rated air flow (m³/h)	Initial pressure drop (pa)	EN779	Layer of media	Introduction
	H	W	D					
FRS-PMF0301	595	595	21	4000	$\leq 25$	G2	3-4	3×8×8
FRS-PMF0302	595	495	21	3200	$\leq 25$	G2	3-4	Wave type Aluminum mesh
FRS-PMF0303	595	290	21	2000	$\leq 25$	G2	3-4	Wave type Aluminum mesh
FRS-PMF0401	595	595	25	4000	$\leq 30$	G2	4-5	3×8×8
FRS-PMF0402	595	495	25	3200	$\leq 30$	G2	4-5	Wave type Aluminum mesh
FRS-PMF0403	595	290	25	2000	$\leq 30$	G2	4-5	Wave type Aluminum mesh
FRS-PMF0601	595	595	46	4000	$\leq 35$	G2	7-8	3×8×8
FRS-PMF0602	595	495	46	3200	$\leq 35$	G2	7-8	Wave type Aluminum mesh
FRS-PMF0603	595	290	46	2000	$\leq 35$	G2	7-8	Wave type Aluminum mesh

Special size available upon request

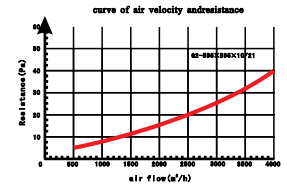


### Application:

Primary filtration and inlet filtration of air condition system, filtration of ventilation system with special acid & alkaline resistance.

### Features:

- ★ Acid and alkali-resistance
- ★ Filter Particles:  $\geq 10\mu\text{m}$
- ★ Low Resistance, Large Air Flow
- ★ Washable and Recyclable
- ★ Long Working Life
- ★ conform to the standard EN779



### Specification:

Type	EN779	Dimensions (mm) W×H×D	Initial pressure drop (pa)	Final pressure (Pa)	Rated air flow (m³/h)	Fiber efficiency (%) ASHRAE52.1-1992	Material		
							Frame	Media	Outside frame
FRS-PNF-10	G2/EU2	595×595×10	25	100	4000	65 Arrestance	Aluminum alloy Galvanized sheet	pp Nylon mesh	Aluminum alloy Nylon mesh
FRS-PNF-15	G2/EU2	595×495×15	25	100	3400				
FRS-PNF-20	G2/EU2	595×295×20	25	100	2800				
FRS-PNF-40	G2/EU2	495×495×40	25	100	4500				

Special size available upon request

## Foldaway and plank filter (G3.G4.F5/ EU3.EU4.EU5)

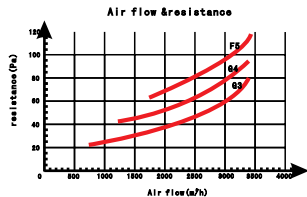


### Application:

Filter dust and Primary Filtration of Air Condition System.

### Features:

- ★ Filter Particles:  $\geq 10\mu\text{m}$
- ★ Low Initial Resistance
- ★ Large filter area and dust holding capacity
- ★ Economical and Practical
- ★ Conform to the standard EN779

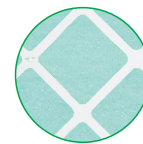


### Specification:

Type	EN 779	Dimensions (mm) W×H×D	Initial pressure drop (pa)	Final pressure (Pa)	Rated air flow (m³/h)	Filter efficiency (%) ASHRAE52.1-1992	Material		
							Frame	Media	Protective nets
FRS-PPF2501	G3/EU3	595×595×25	≤65	≤260	2400	80	Cardboard	Synthetic fiber	Galvanized sheet
FRS-PPF2502	G3/EU3	595×295×25	≤65	≤260	1100	80			
FRS-PPF4801	G4/EU4	595×595×48	≤70	≤280	3400	90	Aluminum alloy	Synthetic fiber	Galvanized sheet
FRS-PPF4802	G4/EU4	295×295×48	≤70	≤280	800	90			
FRS-PPF9601	F5/EU5	595×595×96	≤80	≤320	3400	95	Galvanized sheet	Synthetic fiber	Stainless steel
FRS-PPF9602	F5/EU5	595×295×96	≤80	≤320	1500	95			

Special size available upon request

## Primary Fiberglass Panel filter (G2/EU2)

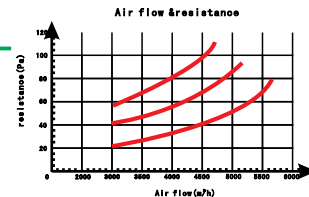


### Application:

Used in the central air-conditioning system for pre filtration as well as exhaust gas filter in paint mist exhaust system on the floor of dry spray booth.

### Features:

- ★ With good corrosion resistance, applicable in the spraying industry
- ★ Low Resistance, Large Air Flow
- ★ Large Filter Area
- ★ Long Working Life
- ★ Filter Particles:  $\geq 10\mu\text{m}$
- ★ Conform to the standard EN779



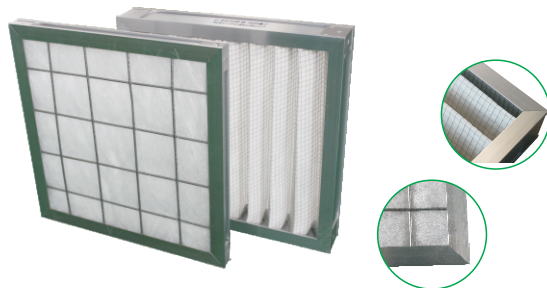
### Specification:

Type	Dimensions (mm) W×H×D	Rated air flow (m³/h)	Initial pressure drop (pa)	Filter efficiency (%) ASHRAE52.1-1992	Material	
					Frame	Media
FRS-PGF2101	592×592×21	3000	25	G2/EU2	Cardboard	Fiberglass Filter Media
FRS-PGF2102	592×592×21	6000	25	G2/EU2		
FRS-PGF2501	592×592×25	3000	25	G2/EU2	Cardboard	Fiberglass Filter Media
FRS-PGF2502	592×592×25	6000	25	G2/EU2		
FRS-PGF5001	592×592×50	3000	25	G2/EU2	Cardboard	Fiberglass Filter Media
FRS-PGF5002	592×592×50	6000	25	G2/EU2		

Special size available upon request



## Plank temperature resistance filter (G2.G3.G4.F5/ EU2.EU3.EU4)

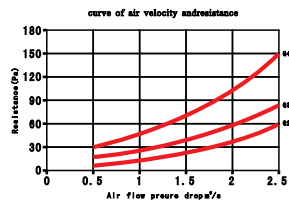


### Application:

Avoid tar, soot and dust from high-temperature dryer.

### Features:

- ★ Thin structure
- ★ Large dust holding capacity
- ★ Economical and practical
- ★ High temperature resistance
- ★ Fiber glass does not have breaking or shedding Resulted
- ★ Temp. resistance:  $\leq 300^{\circ}\text{C}$  and  $\leq 170^{\circ}\text{C}$

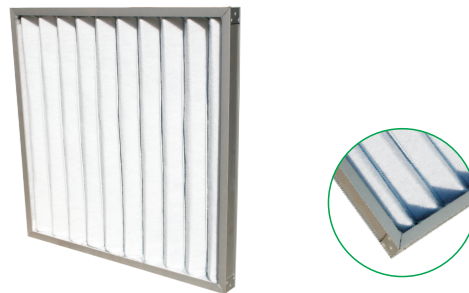


### Specification:

Type	EN779	Dimensions (mm) W×H×D	Initial pressure drop (pa)	Final pressure (Pa)	Rated air flow (m³/h)	Filter efficiency (%) ASHRAE52.1-1992	Material		
							Frame	Media	Protective nets
FRS-GBF1501	G2/EU2	592×592×15	60	240	2800	80-95 Arrestance	Aluminum alloy	Synthetic fiber	Aluminum alloy
FRS-GBF1502	G2/EU2	500×500×15	60	240	2000		Stainless steel	Fiber glass	Stainless steel
FRS-GBF2501	G3/EU3	592×592×25	80	320	2300		Galvanized sheet		Galvanized sheet
FRS-GBF2502	G3/EU3	500×500×25	80	320	1800				
FRS-GBF5001	G4/EU4	592×592×50	150	600	2000				
FRS-GBF5002	G4/EU4	500×500×50	150	600	1600				

Special size available upon request

## Washable plank pre-filter (G2.G3.G4.F5/ EU2.EU3.EU4.EU5)

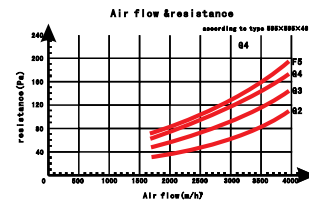


### Application:

Filter dust, Clean room and Inlet Filtration of Air Condition System.

### Features:

- ★ Filter Particles:  $\geq 10\mu\text{m}$
- ★ Low Initial Resistance
- ★ Washable and Recyclable
- ★ Long Working Life



### Specification:

Type	EN779	Dimensions (mm) W×H×D	Initial pressure drop (pa)	Final pressure (Pa)	Rated air flow (m³/h)	Filter efficiency (%) ASHRAE52.1-1992	Material		
							Frame	Media	Protective nets
FRS-PWF-2	G2/EU2	595×290×46	70	200	1700	80-95 Arrestance	Aluminum alloy	Synthetic fiber	Aluminum alloy
FRS-PWF-2	G2/EU2	595×595×46	70	200	3400				Stainless steel
FRS-PWF-3	G3/EU3	595×290×46	95	200	1700		Galvanized sheet	Galvanized sheet	
FRS-PWF-3	G3/EU3	595×595×46	95	200	3400				
FRS-PWF-4	G4/EU4	595×290×46	125	300	1700				
FRS-PWF-4	G4/EU4	595×595×46	125	300	3400				
FRS-PWF-5	F5/EU5	595×290×46	140	450	1700				
FRS-PWF-5	F5/EU5	595×595×46	140	450	3400				

Special size available upon request

# Synthetic fiber pocket filter (G4.F5.F6.F7.F8/ EU4.EU5.EU6.EU7.EU8)

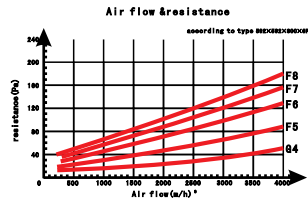


## Application:

It is used for pre-filter of air condition system.

## Features:

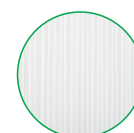
- ★ Large air flow
- ★ Low resistance
- ★ Hot melting
- ★ Large dust holding capacity
- ★ Strong Tightness and Combination
- ★ Conform to the standard EN779



## Specification:

Type	EN779	Dimensions (mm) W×H×D×B	Initial pressure drop (pa)	Final pressure (Pa)	Rated air flow (m³/h)	Filtering area (m²)	Filter efficiency (%) Colormetry 1-100	Dust holding capacity (g/m²)	Material		
									Frame	Media	Partition material
FRS-MS0401	G4/EU4	592×592×600×6	45	250	4250	5.06	91	450	Aluminum alloy Galvanized sheet	Synthetic fiber with gradual density	wedge-shape synthetic fiber pocket
FRS-MS0402		592×290×600×3	45	250	2250	2.53					
FRS-MS0501	F5/EU5	592×592×600×6	60	450	3400	5.06	300	Arrestance90 Colormetry 90-95			
FRS-MS0502		592×290×600×3	60	450	1750	2.53					
FRS-MS0601	F6/EU6	592×592×600×6	100	450	3400	5.06	220	Arrestance96 Colormetry 70-75			
FRS-MS0602		592×290×600×3	100	450	1750	2.53					
FRS-MS0701	F7/EU7	592×592×600×6	108	450	3400	5.06	120	Colormetry 80-85			
FRS-MS0702		592×290×600×3	108	450	1750	2.53					
FRS-MS0801	F8/EU8	592×592×600×6	126	450	3400	5.06	110	Colormetry 90-95			
FRS-MS0802		592×290×600×3	126	450	1750	2.53					

Special size available upon request

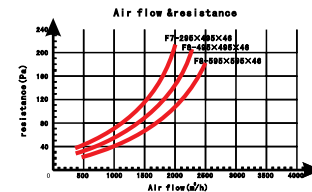


## Application:

It is used for medium filter, air filter in painting field, electronics, chemical, food factory etc industries.

## Features:

- ★ Large air flow
- ★ Low resistance
- ★ Stronger structure
- ★ Be reusable after being washed repeatedly

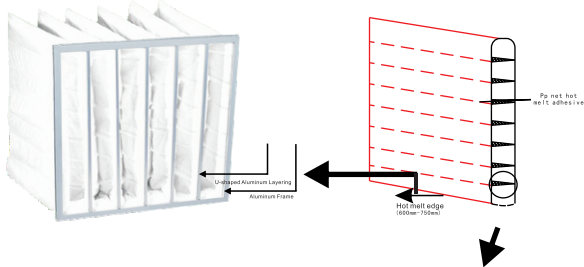


## Specification:

Type	EN779	Dimensions (mm) W×H×D	Initial pressure drop (pa)	Final pressure (Pa)	Rated air flow (m³/h)	Filter efficiency (%) Colormetry	Material		
							Frame	Media	Sealant
FRS-MBF05	F5/EU5	595×595×46 595×495×46 295×595×46	≤90	≤360	3300 2300 1600	45	Aluminum alloy	Polyester fibers	Polyurethane rubber
FRS-MBF06	F6/EU6	595×595×46 495×495×46 295×595×46	≤105	≤420	3600 2400 1900	65			
FRS-MBF07	F7/EU7	595×595×46 495×495×46 295×595×46	≤120	≤480	3300 2300 1600	85			
FRS-MBF08	F8/EU8	595×595×46 495×495×46 295×595×46	≤140	≤560	2500 1700 1200	95			

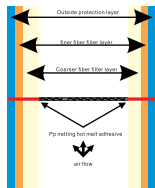
Special size available upon request

## Medium efficiency anti-static pocket filter



### Application:

It is used for pre-filter of air condition system, clean room, spray booth, pharmaceutical factory, hospital, electronic factory, food factory or other industry filtration and so on.



### Features:

- † Large dust holding capacity
- † High efficiency
- † Breathable
- † Long working life

Temp. Resistance: 100°C  
Humidity: 100%

Efficiency	Color	Application
95%	Yellow	Precision electronics industry \ National defense industry \ disinfection chambers
85%	Pink	pharmaceutical industry, plastic industry, pharmaceutical industry, food industry, paint industry, electronic industry, hospital, laboratory
65%	Green	spray booth \ school \ computer room
45%	Orange	commercial building \ theater \ bus station \ air station
35%	White	used for in front of medium filter

### EN779 class:

F5, F6, F7, F8, F9

### Material:

Made by polymer and compound fabrics. Not only does the materials have three-dimensional net structure, but also forms tough, fine filter layers and intensive layer and embodies the integral advantages of multi-stratification and ascending filtration requirements, guides the wind through the bag filter in a much uniformly way and makes a lower resistance, longer application life, good function and good looking bag filter.



35% Medium efficiency anti-static pocket filter



Type	Dimension (mm)			Fold #	Box (PC)	Total pressure drop (Pa)	Filtering capacity (%)	EN779	color	
	W	H	D							
35%	592	592	800	6	2550/45	3400/95	4250/75	4.4	F5	white
	290	592	800	3	1250/45	1700/95	2100/75	2.2	F5	
	592	592	800	8	2550/40	3400/90	4250/70	5.6	F5	
	290	592	800	4	1250/50	1700/90	2100/75	2.8	F5	



45% Medium efficiency anti-static pocket filter



Type	Dimension (mm)			Fold #	Box (PC)	Total pressure drop (Pa)	Filtering capacity (%)	EN779	color	
	W	H	D							
45%	592	592	800	6	2550/50	3400/90	4250/80	4.4	F6	orange
	290	592	800	3	1250/50	1700/90	2100/80	2.2	F6	
	592	592	800	8	2550/45	3400/95	4250/75	5.6	F6	
	290	592	800	4	1250/45	1700/95	2100/75	2.8	F6	



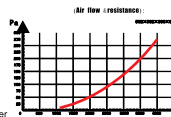
65% Medium efficiency anti-static pocket filter



Type	Dimension (mm)			Fold #	Box (PC)	Total pressure drop (Pa)	Filtering capacity (%)	EN779	color	
	W	H	D							
65%	592	592	800	6	2550/58	3400/70	4250/105	4.4	F7	green
	290	592	800	3	1250/58	1700/70	2100/105	2.2	F7	
	592	592	800	8	2550/52	3400/62	4250/95	5.6	F7	
	290	592	800	4	1250/52	1700/68	2100/95	2.8	F7	



85% Medium efficiency anti-static pocket filter



Type	Dimension (mm)			Fold #	Box (PC)	Total pressure drop (Pa)	Filtering capacity (%)	EN779	color	
	W	H	D							
85%	592	592	800	6	2550/67	3400/90	4250/115	4.4	F8	pink
	290	592	800	3	1250/67	1700/90	2100/115	2.2	F8	
	592	592	800	8	2550/60	3400/80	4250/100	5.6	F8	
	290	592	800	4	1250/60	1700/80	2100/100	2.8	F8	

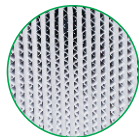


95% Medium efficiency anti-static pocket filter



Type	Dimension (mm)			Fold #	Box (PC)	Total pressure drop (Pa)	Filtering capacity (%)	EN779	color	
	W	H	D							
95%	592	592	800	6	2550/75	3600/126	5000/216	5.0	F9	yellow
	290	592	800	3	1250/75	1800/126	2500/216	2.5	F9	
	592	592	800	8	2550/65	3400/90	4250/115	6.0	F9	
	290	592	800	4	1250/65	1700/90	2100/115	3.0	F9	

## Deep-pleat high efficiency filter

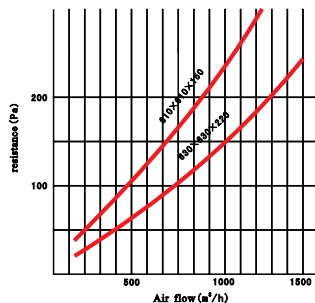


### Application:

High-grade filtration equipment, used in purification system in the end of filter part, filtration equipment and clean room.

### Features:

- ★ High efficiency (capturing 0.5 or above 0.5 μm Particles)
- ★ Low resistance
- ★ Large dust holding capacity
- ★ Fine uniformity of air velocity

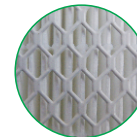


### Specification:

Type	Dimensions (mm) W×H×D	Initial pressure drop (pa)	Final pressure (Pa)	Rated air flow (m³/h)	Filter efficiency(%)	Material			
						Frame	Media	Partition material	Sealant
FRS-HD01	320×320×220	≤220	≤450	450	≥99.95 Sodium flame	Plank Aluminum alloy Galvanized sheet Stainless steel	fiberglass filter paper	Aluminum foil Veneer paper	Polyurethane rubber
FRS-HD02	484×484×220	≤220	≤450	1000					
FRS-HD03	610×610×150	≤220	≤450	1200					
FRS-HD04	820×600×150	≤220	≤450	1500					
FRS-HD05	630×630×220	≤220	≤450	1800					
FRS-HD06	968×484×220	≤220	≤450	2000					
FRS-HD07	945×630×220	≤220	≤450	2400					
FRS-HD08	1260×630×220	≤220	≤450	3000					

Special size available upon request

## Mini-pleat HEPA filter

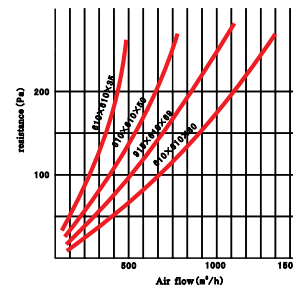


### Application:

It is used for FFU, cleaning equipments, outlet end of cleanroom. and also be widely used in the electronic, semiconductor, hospital and food industry.

### Features:

- ★ High efficiency (capturing 0.3 μm particles)
- ★ Low resistance
- ★ Thin thickness (minimum:25mm)
- ★ Light weight
- ★ Easy to install
- ★ Each filter has scanning test



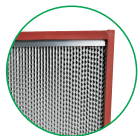
### Specification:

Type	Dimensions (mm) W×H×D	Initial pressure drop (pa)	Final pressure (Pa)	Rated air flow (m³/h)	Filter efficiency(%)	Material			
						Frame	Media	Partition material	Sealant
FRS-HM	305×305×35	≤220	≤500	110	≥99.995 Sodium flame	Aluminum alloy Galvanized sheet	fiberglass filter paper	Hot melt rubber	Polyurethane rubber
FRS-HM	610×610×35	≤220	≤500	450					
FRS-HM	915×610×35	≤220	≤500	680					
FRS-HM	305×305×50	≤220	≤500	180					
FRS-HM	610×610×50	≤220	≤500	700					
FRS-HM	915×610×50	≤220	≤500	1100					
FRS-HM	305×305×69	≤220	≤500	250					
FRS-HM	610×610×69	≤220	≤500	1000					
FRS-HM	915×610×69	≤220	≤500	1500					
FRS-HM	305×305×80	≤220	≤500	300					
FRS-HM	610×610×80	≤220	≤500	1300					

Special size available upon request



## Heat-resistance Deep-pleated high efficiency filter

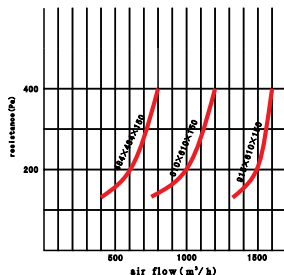


### Application:

The surface of paint for car production line development, it is widely used in ultra-clean high-temperature oven, car spray paint baking temperature applications, such as Landmark room.

### Features:

- ★ Full Stainless Steel Frame, Anti-acid alkali corrosion
- ★ Superfine, no Alkali, Resist Flame High-temperature, high efficiency fiberglass filter paper
- ★ Aluminum foil partition, moistureproof, resist high-temperature
- ★ Can work in 250°C-350°C. resist high-temperature

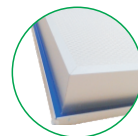
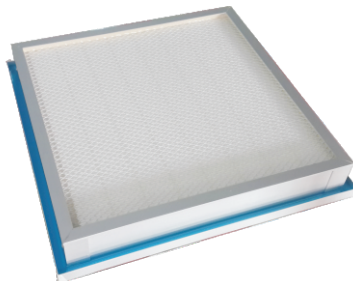


### Specification:

Type	Dimensions (mm) W×H×D	Initial pressure drop (pa)	Final pressure (Pa)	Rated air flow (m³/h)	Filter efficiency (%)	Material			
						Frame	Media	Partition material	Sealant
FRS-HT01	484×484×150	≤220	400	600	≥99.95	Galvanized sheet Stainless steel	Fiberglass filter paper	Aluminum foil	Thermoresistant glue
FRS-HT02	610×610×150	≤220	400	1000	≥99.95				
FRS-HT03	915×610×150	≤220	400	1500	≥99.95				
FRS-HT04	484×484×220	≤220	400	1000	≥99.95				
FRS-HT05	610×610×220	≤220	400	1600	≥99.95				
FRS-HT06	915×610×220	≤220	400	2300	≥99.95				

Special size available upon request

## Medium Efficiency Panel Air filter (F5.F6.F7.F8/ EU5.EU6.EU7.EU8)

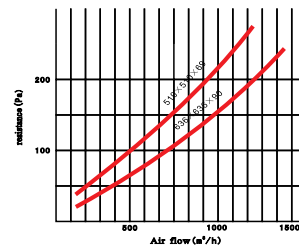


### Application:

Widely use in the high-rank sealed terminal filtration for pharmacy, hospitals, food industry microbe, clean room etc.

### Features:

- ★ Large filter area. Low resistance. Long Working Life;
- ★ Easy installation, Good appearance, Good sealing, Light weight;
- ★ With the thin of thickness, Filter with high efficiency;
- ★ With the jelly gel use in the flange frame;
- ★ Conform to the standard EN779;



### Specification:

Type	Dimensions (mm) W×H×D	Initial pressure drop (pa)	Rated air flow (m³/h)	Filter efficiency (%) Colorimetry	Material	
					Frame	Media
FRS-HJH6901	510×510×69	200	700	H13-H14	Aluminum Alloy Stainless Steel Galvanized Sheet	Fiber Glass Paper Plastic Spraying Mesh
FRS-HJH6902	636×636×69	200	1000	H13-H14		
FRS-HJH6903	1226×626×69	200	2100	H13-H14		
FRS-HJH9001	510×510×90	200	1000	H13-H14		
FRS-HJH9002	636×636×90	200	1500	H13-H14		
FRS-HJH9003	1226×626×90	200	2800	H13-H14		

Special size available upon request

## HEPA combined filter

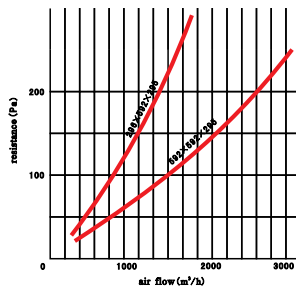


### Application:

Pre-filter through air filter program, and also for HEPA filter of the equipments with large air flow.

### Features:

- ★ Premium ultra-fine fiberglass paper
- ★ Low resistance, Long working life
- ★ Expanded filter area
- ★ With flange frame, these series can be exchanged by pocket air filters.
- ★ Each filter has scanning test



### Specification

Type	Dimensions (mm) W×H×D	Initial pressure drop (pa)	Final pressure (Pa)	Rated air flow (m³/h)	Filter efficiency (%)	Material			
						Frame	Media	Partition material	Sealant
FRS-HV01	592×592×295	≤160	≤600	3600	99.99 99.99	Aluminum alloy Galvanized sheet	Fiberglass	Hot melt rubber	Polyurethane rubber
FRS-HV02	296×592×295	≤160	≤600	1800	99.99 99.99				

Special size available upon request

## Fresh purification

- Decontamination and clean painting equipment
- UV/UFan Filter Unit
- Air shower
- High efficiency blower
- Clean worktable
- Clean transfer window
- Spray booth accessories



Within a certain space, the air particles, bacteria and other harmful air pollutants, and the indoor temperature, cleanliness, pressure, air velocity and air distribution, noise, vibration and illuminance, static will be controlled within the scope of a certain demand of engineering disciplines.

The clean room which specially designed by the purified project, No matter how the outside air conditions change, Indoor have to maintain the original setting requirements of cleanliness, temperature and humidity and pressure etc.