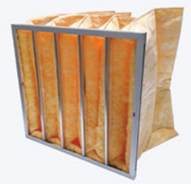
Air Filter

Introduction:

Our main products include various pre-filters, medium filters, sub-HEPA, HEPA and ULPA filters, gel-seal filters, knife-edge filters, V-bank filters, chemical filters and activated carbon filters, as well as FFUs and HEPA supply air outlets, clean booths. These products are widely applied in electronics, semiconductors, medical care, pharmaceuticals, food, chemical industry, automotive coating, commercial and civil buildings. From raw material procurement, manufacturing and processing, product sales to end-user delivery, every procedure is subject to strict inspection and control to guarantee reliable quality of each unit.

Technical Parameters:

Primary Filter	
	Metal Mesh Filter Filter Class: G2 Frame: Aluminum Extrusion / Galvalume Optional Frame Thickness: 20 mm / 46 mm Filter Media: Aluminum Mesh / Stainless Steel Mesh Application: Widely used as pre-filters in commercial and industrial HVAC systems.
	Primary Panel Filter Filter Class: G3–G4 Frame: Aluminum Extrusion / Galvalume / Black Cardboard Optional Frame Thickness: 20 mm / 46 mm / 96 mm Filter Media: Mesh-backed Filter Media / Polyester Filter Media / Fibrous Filter Media Application: Widely used for primary filtration of central air conditioning and centralized ventilation systems, as well as fresh air and return air systems in cleanrooms.
	Primary Panel Filter Filter Class: G3–G4 Frame: Aluminum Extrusion / Galvalume / Black Cardboard Optional Frame Thickness: 20 mm / 46 mm / 96 mm Filter Media: Mesh-backed Filter Media / Polyester Filter Media / Fibrous Filter Media Application: Widely used for primary filtration of central air conditioning and centralized ventilation systems, as well as fresh air and return air systems in cleanrooms.

Medium Filter	
	Medium Panel Filter Filter Class: F5–F9 Frame: Aluminum Extrusion / Galvalume Optional Frame Thickness: 46 mm / 96 mm Filter Media: Bi-component Filter Media / Polyester Fiber Media Application: Widely used for medium filtration in commercial, industrial and cleanroom HVAC systems.
	Medium Bag Filter Filter Class: F5–F9 Frame: Aluminum Extrusion / Galvalume Optional Frame Thickness: 20 mm Filter Media: Bi-component Filter Bag Application: Widely used for medium filtration in commercial, industrial and cleanroom HVAC systems.
	Fiberglass Bag Filter Filter Class: F5–F9 Frame: Aluminum Extrusion / Galvalume Optional Frame Thickness: 20 mm Filter Media: Fiberglass Filter Bag Application: Widely used for medium filtration in commercial, industrial and cleanroom HVAC systems.

Sub-HEPA Filter	
	V-Bank Filter Filter Class: F8–H13 Frame: ABS Plastic Optional Frame Thickness: 292 mm Filter Media: Fiberglass Filter Paper / PP Composite Media Application: Widely used for medium and terminal filtration in clean ventilation systems.

HEPA Filter	
	HEPA Mini-pleat Filter Filter Class: H13–U16 Optional Frame Thickness: 50 mm / 69 mm / 93 mm / 117 mm Filter Media: Fiberglass Filter Paper Application: Widely used for terminal filtration in purification systems of high-cleanliness workshops for precision electronics, large-scale integrated circuits, medical and pharmaceutical industries.
	HEPA Gel Seal Filter Filter Class: H14–U16 Frame: Aluminum Alloy Optional Frame Thickness: 69 mm / 81 mm / 93 mm / 104 mm Filter Media: Fiberglass Filter Paper Application: Terminal filtration for high-cleanliness workshops in electronics, IC, medical & pharmaceutical industries.

Air Filter

HEPA Filter



Separated HEPA Filter
Filter Class: H13–H14
Frame: Aluminum Plate / Galvalume
Optional Frame Thickness: 150 mm / 220 mm / 292 mm
Filter Media: Fiberglass Filter Paper
Application: Mid & terminal air filtration for clean workshops and local purification units.



High Temperature Resistant Filter
Filter Class: H13–H14
Frame: Stainless Steel
Temperature Resistance: 250 ℃ – 300 ℃
Optional Frame Thickness: 150 mm / 220 mm / 292 mm
Filter Media: Fiberglass Filter Paper
Application: For pharmaceutical drying tunnels, hot air drying rooms, ultra-clean ovens, sterilizers and other high-temperature purification systems.

ULPA Filter



ULPA Mini-pleat Filter
Filter Class: H13–U16
Optional Frame Thickness: 50 mm / 69 mm / 93 mm / 117 mm
Filter Media: Fiberglass Filter Paper
Application: Widely used for terminal filtration in purification systems of high-cleanliness workshops for precision electronics, large-scale integrated circuits, medical and pharmaceutical industries.

Dry Paint Mist Filter Box



Dry Paint Mist Filter Box
Frame: Cardboard
Dimensions: 480 mm * 480 mm * 500 mm
Application Scenarios: Used for purification of paint spray waste gas in furniture, aerospace, automotive, shipbuilding, container, hardware, electrical and electronic industries.

PP Panel Filter



PP Panel Filter
Filter Class: F8–H12
Frame: Aluminum Extrusion / Galvalume / Black Cardboard
Optional Frame Thickness: 20 mm / 46 mm / 96 mm
Filter Media: PP Composite Media
Application: Widely used for air filtration in fresh air systems, disinfection equipment, household purifiers and other purification equipment.

Box Filter



Box Filter
Filter class: H10–H14
Frame: Aluminum Plate / Galvalume
Optional Frame Thickness: 292 mm
Filter Media: Fiberglass Paper
Application: Medium & terminal filtration for clean ventilation systems.

Chemical Filter



Panel Chemical Filter
Frame: Aluminum Alloy / Black Cardboard
Dimensions: 592 mm * 592 mm * 46 mm
Filter Media: Activated Carbon Fiber Felt / Granular Activated Carbon
Application: Remove VOC & harmful gases for automotive coating, electronics, pharma, chemical, central air conditioning and civil applications.



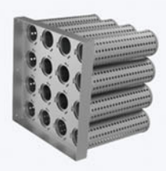
Bag Chemical Filter
Frame: Aluminum Alloy
Dimensions: 592 mm * 592 mm * 550 mm, 8P
Filter Media: Activated Carbon Filter Bag
Application: Remove VOC & harmful gases for automotive coating, electronics, pharma, food & beverage, chemical, central air conditioning and civil applications.



V-Bank Chemical Filter
Frame: ABS Plastic
Dimensions: 287 mm * 592 mm * 292 mm
Filter Media: Granular Activated Carbon / Carbon Impregnated Fabric
Application: For VOC and harmful gas removal in automotive coating, precision electronics, pharma, biological products, food & beverage, metallurgy, chemical, central air conditioning and civil scenarios.

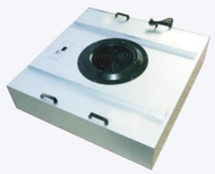


Modular Chemical Filter
Frame: ABS Plastic
Dimensions: 295 mm * 295 mm * 295 mm
Filter Media: Modified Activated Carbon / Impregnated Carbon
Application: For VOC and harmful gas removal in automotive coating, precision electronics, pharma, biological products, food & beverage, metallurgy, chemical, central air conditioning and civil scenarios.



Modular Chemical Filter
Frame: ABS Plastic
Dimensions: 295 mm * 295 mm * 295 mm
Filter Media: Modified Activated Carbon / Impregnated Carbon
Application: For VOC and harmful gas removal in automotive coating, precision electronics, pharma, biological products, food & beverage, metallurgy, chemical, central air conditioning and civil scenarios.

Air Filter

Purification Equipment	
	Bag-In Bag-Out Filter Material: Cold Rolled Steel Application: Pharma projects, biosafety lab air supply & exhaust, hospital isolation exhaust, industrial chemical gas discharge, nuclear power, animal disease labs, toxic waste isolation plants.
	FFU Material: Stainless Steel / Galvalume Sheet Application: Flexible EFU ultra-thin filter unit for portable clean rooms, clean operation enclosures, clean corridors and clean production lines.
	EFU Material: Stainless Steel / Galvalume Sheet Application: Flexible EFU ultra-thin filter unit for portable clean rooms, clean operation boxes, clean corridors and clean production lines.
	HEPA Supply Air Outlet Material: Stainless Steel / Powder Coated Galvalume Sheet / Powder Coated Cold Rolled Steel Application: Terminal filtration for high-cleanliness workshops & clean rooms; ensures airflow velocity and avoids eddy currents.
	Rolling Filter Material: Powder Coated Cold Rolled Steel Application: For central air conditioning, metallurgical sintering, chemical, electronics, sewage treatment, power plants, coal mine, subway ventilation and civil air defense projects.