

Youthtech specialize in cleanroom filtration solutions to meet a variety of applications and industries. We offer a broad range of high-quality filters, cleanroom equipment and lab furniture to meet the needs of applications from Class 100,000 to Class 10.

At Youthtech, you will find the ultimate products with excellent cost-effective, not the cheapest but the most appropriate investment cost to meet your reliable operation, long lasting and high-quality requirements.

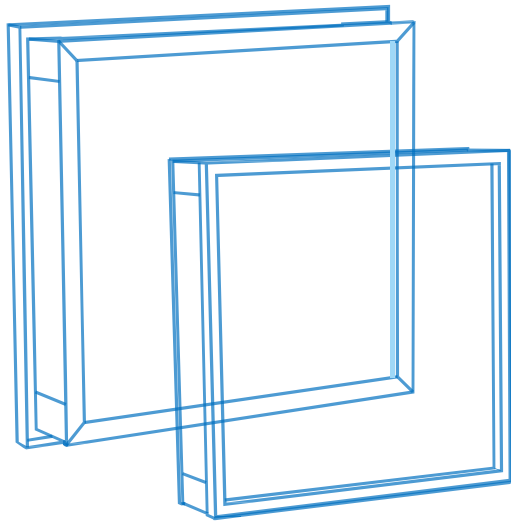
Our technical knowledge and rich experience endow us the ability of providing tailor-made and integrated services and solutions for you.

PRODUCT CATALOGUE

www.youthfilter.com
2022



AIR FILTER



Air filters are widely used in industries and sectors that require air purification, such as microelectronics, biomedicine, automotive coating, life sciences, nuclear power, food, cosmetic, commercial construction, national defense, scientific research, etc.



HEPA/UPLA production line



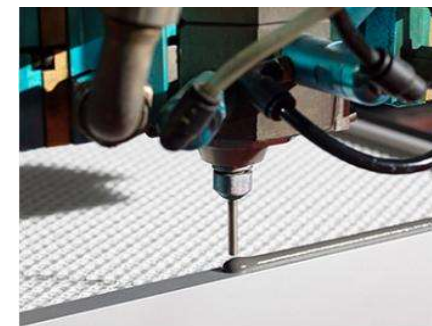
Pre-filter production line



MPPS test machine
According to EN1822



Assembly line










Endless form gasket










Packing area

Filter Types & Areas of Application

	Type	Model	Class EN779 /EN1822	Form of delivery D= depth in [mm]	Areas of application	Note
Filter Pad		FP	G2/G3/G4	rolled media	pre-filtration media for HVAC & other ventilation systems, particularly for coarse dust arrestance or as a prefilter stage.	washable synthetic fiber polyester filter mat
Cardboard Filter		CF	G3/G4	panel filter D = 24 panel filter D = 48	pre-filter cell for ventilation systems, supply air within industrial machines etc. These filters offer low differential pressure as well as a high degree of coarse dust adsorption.	filter frame: cardboard
Carbon Filter		TF	G3-H14	customized	added modified activated carbon or other chemical particles with strong adsorptive property to remove harmful gases in the air, suitable for commercial HVAC system	Filter type: panel, cylinder cartridge
Panel Filter		PF	G3/G4	panel filter D = 48 panel filter D = 96	standard primary filter or main filter for various equipment, HVAC and other ventilation systems, etc. standard primary or main filter for HVAC, or other ventilation systems, offers more filter surface and therefore a higher flow rate due to the zig-zag folds of the filter media.	filter frame: GI/AL
Bag Filter		BF	G3/G4/M5	bag filter element D= 100 to 700	prefilter for HVAC and other ventilation systems as well as industrial applications with a high amount of coarse dust production; qualitatively better pre-filter for HVAC and ventilation systems with a high amount of coarse dust production	filter frame: ABS/GI/AL
Bag Filter		BF	M6/F7	bag filter element D= 150 to 700	ideal pre-filter for HVAC and other ventilation systems; highly efficient for absorbing fine dusts pre-filter for industrial applications with a high demand on clean supply air main filter for applications with low demands on the air quality / fine dust removal	filter frame: ABS/GI/AL M6: green color
Bag Filter		BF	F8/F9	bag filter element D= 150 to 700	standardized main-filter for HVAC & other ventilation systems prefilter for HEPA /ULPA filtration areas, highly efficient for fine dust extraction; main filter for comfort HVAC.	filter frame: GI/AL

Filter Types & Areas of Application

	Type	Model	Class EN779 /EN1822	Form of delivery D= depth in [mm]	Areas of application	Note
V-bank		VS	M6-H14	2V-5V sharpened cassette D=292 25mm flange	M6-F9 Compact pre- or main filter for HVAC & other ventilation systems as well as industrial and turbine units H13-H14 HEPA-Filter for clean rooms, ventilation systems and industrial processes to remove oil mist	filter frame: ABS/GI
V-bank		VB	M6-H14	2V-5V sharpened cassette D=292	same area of application as V-sharp, however applicable for higher flow rates	filter frame: ABS/GI/AL
Separator Filter		SH	F7-H14	T=150/292 aluminum/paper separator	M6-F9 pre- and main filter for industrial processes H13-H14 HEPA-Filter for industrial and pharmaceutical processes burst pressure >15 [kPa] or specific options like electro static grounding, FDA	filter frame: ABS/GI/AL Single/double header/turn flange
Separator Filter		HT	H13-U16	T=150/292 aluminum separator	HEPA/ULPA equipped to meet temperatures up to 300 degree Celsius	filter frame: SS304/316
HEPA/ULPA		MP	H13-U16	minipleated PU gasket D=50/65/70/80/90/100	Standard HEPA/ULPA filter for industrial processes, clean rooms, ventilation systems in hospitals etc. Knife edge style especially applied on electric clean rooms	filter frame: AL
HEPA/ULPA		MP	H13-U16	minipleated gel seal D=65/93/120 (side seal) D=64/72/94/104 (top seal)	same area of application as regular HEPA but with better sealing performance	filter frame: AL
HEPA BOX		HB	match HEPA H13-U16	customized	including SS dust apply hollow ring, DOP supply / test port	frame: cold steel Al alloy Stainless steel

V-bank /V-bank - Box type/Carbon Filter Serials

V-bank filters have been developed specifically for intake, exhaust and recirculated air filtration in HVAC systems posing stringent requirements for clean air quality and cost-efficiency. Efficiency from M5 to H14 can be made in V-bank form.

The medium efficiency V-bank filters serve as pre- or main-filtration elements for environments with voluminous airstreams and/or when long lifespan is necessary.

HEPA V-bank filter The air entry profiles are aerodynamically shaped to reduce the pressure drop at high flow rates. The media is water-repellent and therefore usable within air flows of high humidity. The filter frame offers maximum rigidity and is corrosion free. Existing bag filter stages can be easily upgraded by exchange due to the fact that V-bank filter fit into standard bag filter mounting frames.



V-bank box type high volum flow filters are used in intake, exhaust and recirculated air filtration in HVAC systems or air conditioning systems with ultra-stringent requirements for clean air quality and sterility. Maximum effective media area provides greater airflow capacity, low resistance, high dust holding capacity, and unusually long service life. The V-bank configuration provides greater airflow capacity and longer service life, while lowering operating costs.



V-bank box type HEPA filters use sub-micron glass fibers formed into a high-density paper. Glass filament separators are used to form the media into mini-pleat panels that withstand high-velocity airflow. Mini-pleat packs are sealed to the frame with two-component polyurethane to increase rigidity and prevent bypass leakage.



Carbon non-woven fabrics: compounded by special production process with modified activated carbon filled in two layers of non-woven fabrics. It can filter tiny particles in the air, pollen, bacteria, industrial waste gases and dust, etc., and prevent such substances from entering the air-conditioner to destroy the air-conditioning system and endangering human health in the vehicle.

Filter screens can effectively remove harmful substances such as PM2.5, formaldehyde and TVOC according to requirements of different applications.



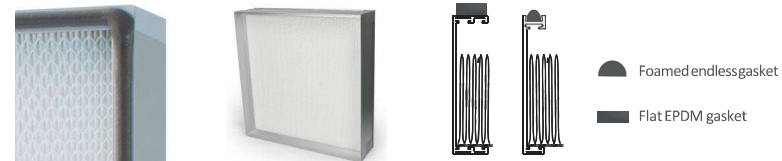
MiniPleat HEPA / ULPA Filter

MiniPleat HEPA/ULPA are used in intake and recirculating air filtration for cleanrooms and in laminar flow hoods with ultra-stringent requirements for clean air and sterility. The MiniPleat technology employed ensures flow-friendly geometry and equidistance of the pleats, with homogeneous media velocity coupled with a very low pressure drop. This means particularly cost-efficient and dependable operation plus a quasi-laminar outflow. Available in all dimensions commonly encountered on the market.



Standard Size & Performance Parameters

Frame	Aluminum
Separator	EVA
Filtermedia	high quality glass fibre paper (water resistant)
Options	<ul style="list-style-type: none"> ▪ Foamed endless gasket (single / double side) ▪ Flat EPDM gasket ▪ Knife edge

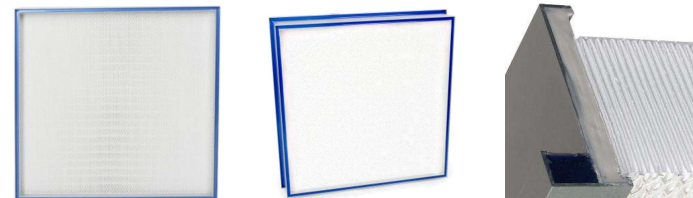


Gel-seal MiniPleat HEPA filters have the tank filled with gel, which is reliable and particularly suitable for workplaces for DOP test and leakage detection on site. This filter is mainly installed at the end of 0.5µm clean rooms and purifying equipment in pharmaceutical industry to control particulates larger than 0.5µm and microorganisms in the clean room or equipment operating areas. Gel seal mini-pleat HEPA filters have side seal type and top seal type for options.



Standard Size & Performance Parameters

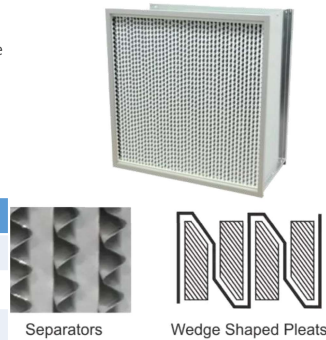
Frame	Aluminum
Separator	EVA
Filtermedia	high quality glass fibre paper (water resistant)
Options	<ul style="list-style-type: none"> ▪ Side gel seal ▪ Top gel seal ▪ Double gel seal ▪ Gasket and gel seal



Separator medium filters are suitable as pre- or main filtration element in systems to meet demands for high loads and extended temperature ranges. The high-quality media is laid out in narrow parallel pleats, and fixed evenly by spacers made from corrugated aluminum foil. Maximum effective media area provides greater airflow capacity, low resistance, high dust holding capacity, and long service life.

Standard Size & Performance Parameters

Type:	SF-M6	SF-F7	SF-F9
Class EN779	M6	F7	F9
Efficiency EN779 [%]	65 %	85 %	95 %
Initial-ΔP[Pa]at nominal airflow	90	110	130
Max. temp. [°C]	120°	120°	120°



Separator HEPA/ULPA filter can bear a high mechanical load capacity and may be used to filter suspended matter such as viruses, germs, toxic dusts, aerosols as well as in environments requiring a virtually sterile or dust-free air. Separator filters are designed to meet demands for high loads and extended temperature ranges up to 280°C, can meet particular stringent requirements for air purify, usually used in recirculating air equipment of drying processes in the automotive or pharmaceutical industry, process dependability and cost-efficiency.

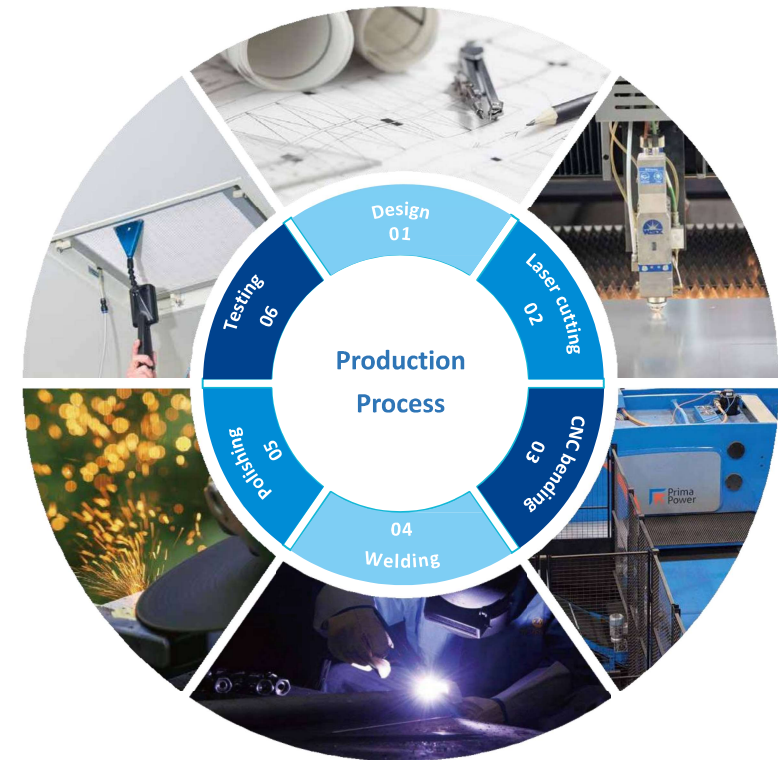
Standard Size & Performance Parameters

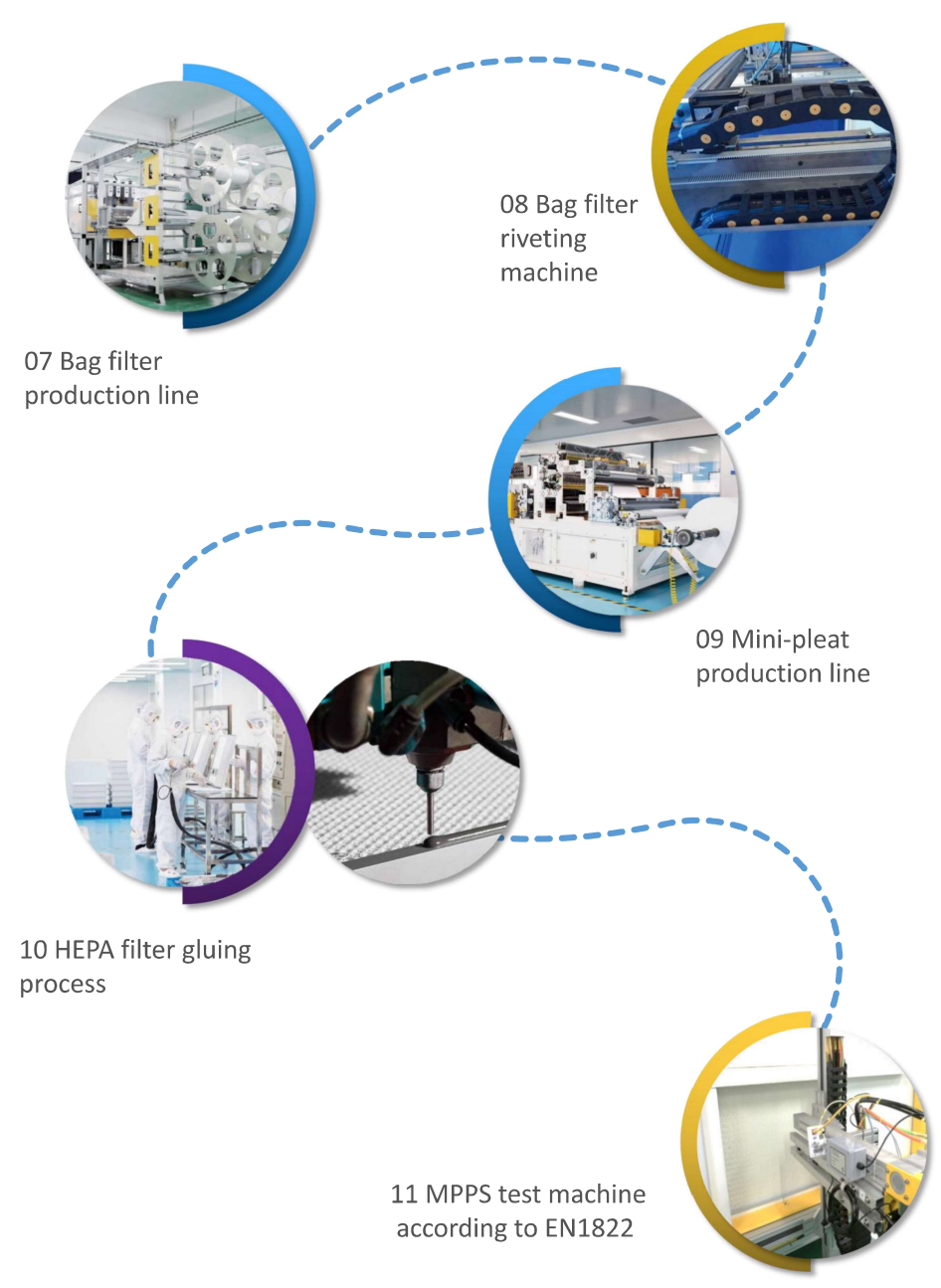
Type:	SF-E11	SF-H13	SF-H14
Class EN1822	E11	H13	H14
Efficiency EN1822@ MPPS [%]	95%	99.95%	99.995%
Initial-ΔP[Pa]at nominal airflow	125	250	260
Max. temp. [°C]	120°/opt.280°	120°/opt.280°	120°/opt.280°



Frame	<ul style="list-style-type: none"> ▪ galv. steel ▪ stainless ▪ aluminium
Operational conditions	<ul style="list-style-type: none"> ▪ max. rel. h. 100 [%] temperature resistance max. 120 [°C]
Spacers	corrugate aluminium, optional: stainless, paper
Filtermedia	high quality glass fibre paper (water resistant)
Options	<ul style="list-style-type: none"> ▪ burst- and protection screens (single or both sides) ▪ more filtermedia for higher airflows ▪ Single/double header, single/double flanges,handles ▪ gasket on both sides ▪ dedustable filtermedia

PURIFICATION EQUIPMENT



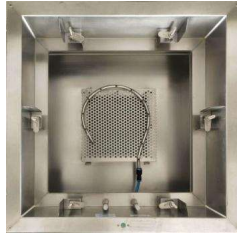


HEPA Box/FFU

HEPA box, also called filter housing, is the ideal terminal filter device for air conditioning systems requiring purification to meet the cleanroom level. It can provide a desired static pressure before airing the HEPA, thus making the air outlet uniformity. We are extremely focused on the details of our products, making our HEPA box superior to the most products on the market.

We use one-piece bending design together with robot welding joint to ensure excellent leak-proof performance. Representative filter from each batch type and production run are subjected to a complete test flow evaluation to determine efficiency, pressure drop and dust holding capacity.

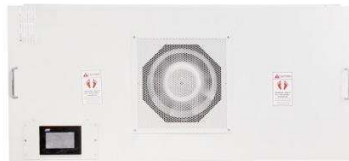
Airflow pipe can be connected directly through top access or side access with either circular or rectangular inlet.



Frame	▪ Steel powder coated/Aluminum/ SS304
Grille	▪ Perforated /Louvers/Swirl
Options	▪ Match gasket HEPA/gel seal HEPA ▪ Top connected/ Side connected



FFU is the simplest purifying equipment consisting of blower and HEPA filter, and the most basic type in air purifying equipment. Due to the one-to-one correspondence between HEPA filter and blower, a negative pressure area is formed outside the unit case to enable negative pressure sealing function. FFU may be used separately or in combination to achieve higher cleanliness easily. FFU makes the design of clean room easier and more reliable. FFU, characterized by low energy consumption, low noise and low operating cost, is widely applied to unidirectional flow and turbulent flow clean room and working station, unidirectional flow hood, clean booth and local purifying equipment in micro-electronics, electronics, optics, bioengineering and other industries.



Standard Size & Performance Parameters

Frame	Zinc Aluminized sheet/SS
blower	DC/AC
Speed control	Five speed control/Stepless speed
Options	DOP test port

Class A Unidirectional Flow Hood/ Sampling Booth

Class A unidirectional flow hood (UFH), also called **Laminar flow hood (LAF)** is a type of air purifying equipment providing Class A unidirectional flow and thus creating highly clean environment.

UFH is used for the protection of the filling / packaging operations of products that are sensitive to contamination, may be used separately or in combination. It can be designed to have independent air return system, or to connect with current duct.



Main Features	<ul style="list-style-type: none"> ▪ Combination and modularization ▪ Less investment, quicker effects, easier installation, lower energy consumption ▪ Double negative pressure ▪ Flexible way to install ▪ High quality HEPA filter, high cleanliness, ensure sterility ▪ Rich control module, meet different requirements
Options	<ul style="list-style-type: none"> ▪ Hanging mount: hoisting or ceiling ▪ Floor stand ▪ Air supply from air duct ▪ Air supply by built-in blower

Sampling booth is used for the sampling, dosing or weighing of the chemical components, sampling antibiotics, hormones, cytostatics, etc either powders or liquids. that make up the finished products.

The sampling booth allow to obtain delimited environment area of clean and sterile air class ISO 5, through a unidirectional and descendant air filtered flow with lower pressure in the operation area. assures a slight depression and, therefore, an isolating from the surrounding area. The possibility of cross contamination with other products is avoided.

Main Features	<ul style="list-style-type: none"> ▪ Round corner design for the working area, dust free, easy to clean ▪ Air curtain isolated, convenient operation ▪ Excellent unidirectional flow pattern, no dust dispersion
Options	<ul style="list-style-type: none"> ▪ Material SS 304 / 316 ▪ Three stages filtration: G4, F8, H14 ▪ Exhaust Filter with suitable size ▪ Air Flow Rate:0.45 + 0.1m/sec ▪ Differential Pressure ▪ Complete weighing management system with function of scanning code, weighing and labeling



Pass Box/Transfer Hatch

Pass box include dynamic pass box and static pass box.

It is used for the transfer of materials / products between two areas of different classes.

The doors are interlocked by magnetic device and provide a buffer area for transferring material/product through the room with different class.

Provided with UV germicidal lamp, or ozone generator sterilization system based on the user's demand.



- Options
- Electrical or Mechanical interlocking system.
 - Air Shower Type
 - UV Lamp Sterilization
 - Easy-to-install by Wall Mounted, Floor Mounted or Pit Mounded
 - Customized Size and Function Design

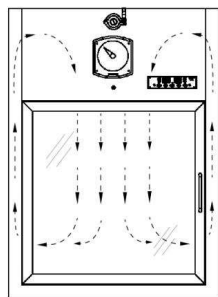
Transfer Hatch is used for transferring materials. The hatch are all made of SS 304 with a surface finish of Ra < 0.8µm. There will be climbing ramp and rollers made of SS304 at the bottom of the hatch for convenience of material transfer.

The doors are interlocked by magnetic device and provide a buffer area for transferring material/ product through the room with different class.

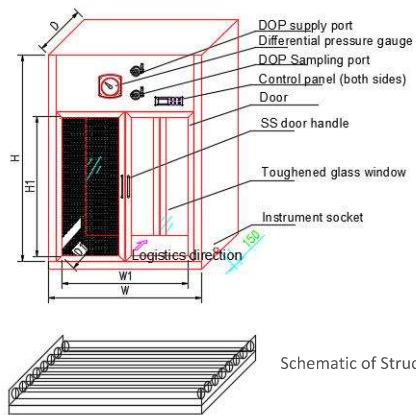
Provided with UV germicidal lamp, or ozone generator sterilization system based on the user's demand.



- Options
- Electrical or Mechanical interlocking system.
 - Air Shower Type
 - UV Lamp Sterilization
 - Easy-to-install by Floor Mounted or Pit Mounded
 - Customized Size and Function Design



Schematic of Airflow



Schematic of Structure



VHP Aseptic Transfer Chamber/BIBO (Bag In Bag Out)

VHP Aseptic Transfer Chamber integrates a vaporized hydrogen peroxide (VHP) generator to provide VHP gas to the inside of the pass box for biological decontamination treatment on the outer surface of the material to prevent the material from entering A from non-grade areas or low-grade clean areas, B-level critical areas bring pollution. It can be used for all kinds of clean and dry items that need to be delivered in aseptic production, including packaging materials, instruments, raw and auxiliary materials, accessories, environmental monitoring equipment, etc. that enter the A and B key areas.



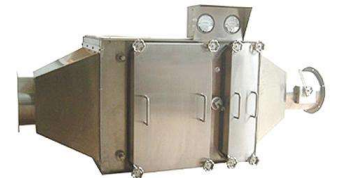
Standard Size & Performance Parameters

- Main Features
- Inner chamber and tank with radius corners for better cleanability.
 - Tempering glass in doors provide a clear view of internal chamber.
 - Pneumatically interlocked doors ensure only one door can be open at one time when operating.
 - The main body of the transfer hatch is constructed of 304L industrial-grade stainless steel.
 - Two operation modes: manual or automatic. Siemens PLC control.
 - H14 grade HEPA filter
 - Environmental friendly and leaving no harmful residues and lingering odor.
 - Low temperature decontamination.
 - All detail info can be recorded, comply with GMP, USP standard.
 - Fault alarm function
 - Bacteria killing rate can reach 6 log when take Bacillus stearothermophilus and Bacillus subtilis black variant as challenge.

- Options
- Low temperature (18-26 °C) compatible with Biologics
 - Faster process time ≤50min for 3 m³ chamber
 - Use 7% Analytical Reagent

BIBO Bag in Bag Out Filter Systems are used to filter and contain contaminants and dangerous substances in hazardous environments. With this system, maintenance personnel are protected from direct contact with the inside of the shell and dangerous contaminants during filter change and testing.

Bag in Bag Out Filtration System includes pre-filter (and maintenance access door), HEPA or ULP filter (and maintenance access door), inlet & outlet connecting duct flange unit, frame and mounting bracket. The equipment is full welded with argon welding except maintenance access door. It can be made not only at workshop but on site also.



- | | |
|---------------------|--|
| Frame | <ul style="list-style-type: none"> ▪ SS304 ▪ Steel powder coated |
| Filters Stage | 3 stage (G4, F9, H13/14) |
| Bypass test | DIN 19464, DIN 25414 |
| Pressure resistance | 100mBar, max. 500mBar |



Air Shower/Mist&Fogging Shower

Air Showers are enclosed chambers placed at the entry and exit points of a cleanroom or other controlled environment.

Using high-velocity jets of air and HEPA or ULPA air filter systems, cleanroom air showers remove loose contaminants from people and products before they enter the cleanroom, reducing or eliminating product defects for increased yields.

Contaminants are easily transported by people and objects and a simple spec of lint or debris could cause issues in some cleanroom environments. Therefore, cleanroom air showers have become a vital component in maintaining the cleanliness of cleanrooms and other clean-critical environments.



Frame	<ul style="list-style-type: none"> SS304/ SS316 Steel powder coated
Air speed	≥25m/s
Air shower time	0-99s Adjustable



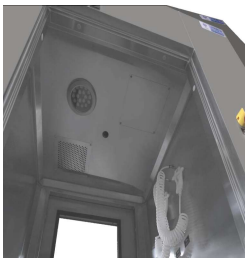
Mist Shower/Fogging shower is now widely used in industries for decontamination from the cloths of the user. A mixture of air and water is spray on the cloths of the users. Comes with the microprocessor or PLC unit to control the whole process.

Our versatile mist shower are quite adept at controlling the level of contamination for particle sensitive processes such pharmaceutical drug testing and for research applications involving molecular biology and biochemical experiments, cell and tissue culture experiments etc.

The entire mist shower assembly is HEPA/ULPA filtered, pre-wired and tested, ready to use with a simple plug-in, therefore providing an unmatched ease of operation.



Frame	SS304/ SS316
Air speed	≥25m/s
Air shower time	0-99s Adjustable
Door MOC	SS304/316



Biological Safety Cabinet - Class II A2/Class II B2

Class II A2 Biological safety cabinet (BSC) is a box-type air purification negative pressure safety device that can prevent some dangerous or unknown biological particles from escaping aerosols during experimental operation. It is widely used in scientific research, teaching, clinical inspection and production in the fields of microbiology, biomedicine, genetic engineering, biological products, etc. It is the most basic safety protection equipment in the first-level protective barrier of laboratory biosafety.

Class II A2

Vertical laminar negative pressure model, 70% of the airflow is filtered and recycled, and 30% of the airflow can be discharged into the room or connected to the exhaust system after being filtered.

Class II B2

Vertical laminar negative pressure model, 100% of the airflow can be discharged into the room or connected to the exhaust system after being filtered.

Safety interlock system for sterilization systems.

Large-screen LCD display, real-time monitoring of running status, password management can be set to prevent misoperation, display the life of the filter and the running time of the blower and UV lamp.

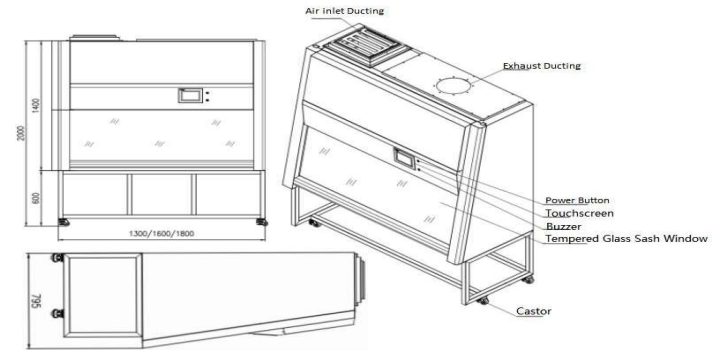
Each biological safety cabinet is factory tested for safety and product performance in accordance with international standards.



Class II A2



Class II B2



Standard Size & Performance Parameters

Modelparameter	YT-S/ F-1300-A2	YT-S/F-1600-A2	YT-S/F-1800-A2
	Working area SS316L		
Material	External SS304 or Cold-rolled steel with anti-bacteria power coating		
Airflow Mode (External Exhaust Flow Proportion)	Vertical downflow, 70% air re-circulation, 30% air exhaust		
Blower model and quantity	D4E220, 1 unit	D4E225, 1 unit	D4E225, 1 unit
Specification and quantity of air velocity sensor	YGM215, 2 pcs		
HEPA filter model	U15		
Exhaust filter size and quantity	600×400×100, 1 piece	800×400×100, 1 piece	1000×400×100, 1 piece
Air supply filter size and quantity	1105 × 465 × 70, 1 piece	1405 × 465 × 70, 1 piece	1605 × 465 × 70, 1 piece
UV Lamp Specifications and Quantity	T5 -20W, 1 pc	T6 -30W, 1 pc	T6 -40W, 1 pc
Lighting Specifications and Quantity	LED- 8W, 1pc	LED- 12W, 1pc	LED- 14W, 1pc

Please ask for other desired designs.

Chemical Shower

Chemical shower is mainly used for cleaning and disinfecting the surface of positive pressure protective clothing in biosafety laboratories (ABSL-3, BSL-4) of positive pressure protective clothing.

This system is a mandatory shower purification and disinfection device arranged between the polluted area and the semi-polluted area. The chemicals is automatically proportioned, through the pressurized pump group, valve group and pipeline system, and the ultra-fine atomizing nozzle is used to spray the chemical agent on the positive pressure protective clothing in a wide range and without dead angle; effective heat-inactivation and removal of dangerous pathogenic microorganisms that may be contaminated on the surface of positive pressure protective clothing worn by staff, ensuring scientific research and medical personnel to safely exit the polluted environment, avoiding bringing pathogens into the surrounding environment, a device for comprehensive cleaning and disinfection.



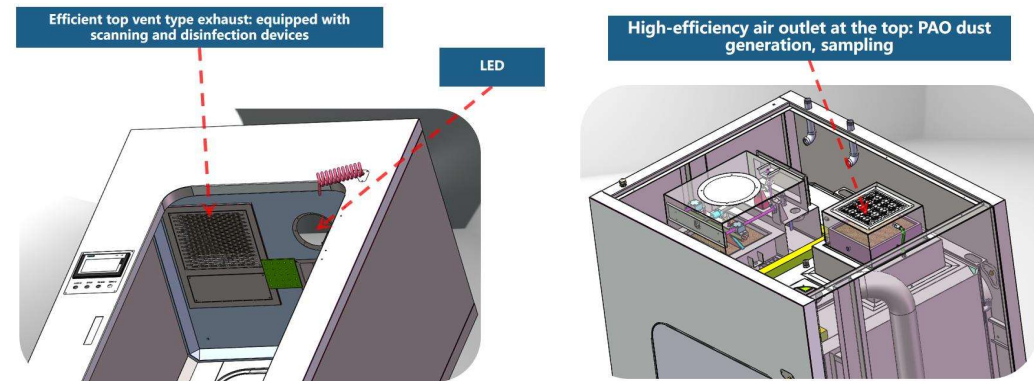
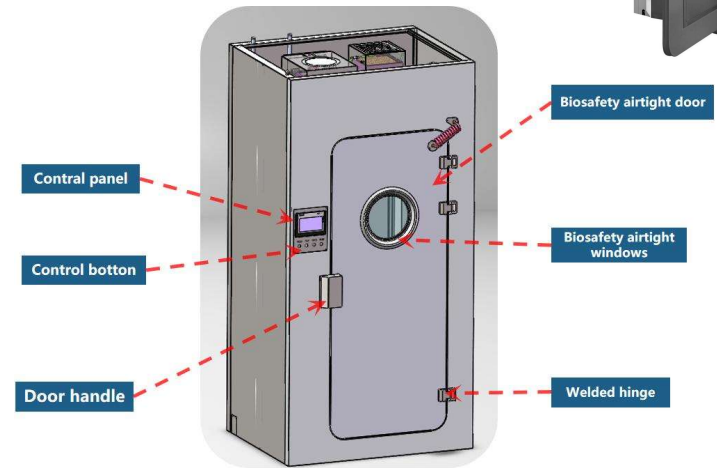
Standard Size & Performance Parameters

Items	Performance Parameters
Air tightness	When the air pressure in the box rises by 500 Pa, the air pressure that naturally decays within 20 minutes is less than 250 Pa
Pressure capacity	The box structure withstand a pressure of 1000 Pa
Material	Frame 304 stainless steel, shower 316 stainless steel (pipeline, atomizing nozzle, etc.)
Function	Automatic liquid dispensing, automatic drug shower, automatic cleaning; and set up manual emergency spray
Shower pressure	0.5 ~ 0.7Mpa
Shower discharge	30 ~ 50L/min
Principle	High pressure atomization to make it more uniform without dead ends
Dosing	Automatically configure disinfectant, with mixing device, with liquid level monitoring and concentration monitoring device
Dispensing jar	Polyethylene (PE), strong corrosion resistance
Chemicals	Applicable to peroxide disinfectant, chlorine-containing disinfectant, acidic oxidation potential water and commonly used disinfectants in the market
Biosafety airtight doors	Airbag inflatable airtight door with interlocking device for added security
Control system	Intelligent automatic control, abnormal alarms such as liquid level and PH value, and remote monitoring functions, etc.
Pneumatic floor drain	Effectively ensure the air tightness of the chemical shower system
life support system	Standard configuration
Use population	Support 2 head count showing with positive pressure protective clothing at the same time

Please ask for other desired designs.

Water Shower Cabin

Water shower cabin is a Biosafety protection system. The whole is welded by AISI304 stainless steel. The interior adopts laser continuous full welding technique. The entrance and exit use biosafety airtight doors. The internal negative pressure working environment effectively prevents the leakage of pollutants. The equipment adopts the design process of top-row and bottom-feeding to reduce internal fog and improve personnel comfort. The top air supply has a built-in filter device to ensure the cleanliness of the fresh air. The top exhaust filtration system has a built-in high-efficiency filter and is equipped with disinfection and scanning leak detection functions to effectively ensure that pollutants do not leak. The top adopts stainless steel shower head, and the water temperature is automatically controlled. Built-in LED lighting and stripper. This product is suitable for P3/P4 biological laboratory or high-demand pharmaceutical workshop disinfection and sterilization key areas



Please ask for other desired designs.

Transfer Trolley / Clean Operation Bench

Transfer trolley is used for the storage and the transfer of products that are sensitive to contamination, between two class A areas, and through a class C area.

A laminar air flow class ISO 5 is maintaining a positive pressure within the transfer trolley avoiding any cross contamination. The transfer trolleys are equipped with a system of electrical plug / embarked battery, that maintain the laminar flow conditions in the transfer trolley at all times.



Standard Size & Performance Parameters

Model	Overall size L×W×H	Working area size W×D×H	Upstream Rated air velocity (m/s)	Working area clean class (grade)	Noise (dB)	Illumination (Lx)	Power (kW)
TT8-120	800×650×1800	720×600×750	0.45±20%	A	65	300	0.18
TT10-100	1000×650×1800	920×600×750					0.18
TT15-120	1200×750×1800	1120×700×750					0.25
TT19-200	1400×850×1800	1320×800×750					0.36

Please ask for other desired designs.

The clean operation bench is used for sampling, dispensing and weighing of small / large quantities of toxic products. protecting the operator from any contamination, confining the sampling / weighing / dispensing operation. The clean operation bench is autonomous and easily moveable. Available with PLC+ touch LCD screen or push button panel.



Standard Size & Performance Parameters

Model	Overall size L×W×H	Working area size W×D×H	clean class	Upstream Rated air velocity (m/s)	Noise (dB)	HEPA size L×W×D
CB10V-97.72D	970×720×1600	810×700×500	100 (A)	0.45±20%	65	760×610×70×1
CB15V-145.72D	1450×720×1600	1290×700×500				610×610×70×2
CB10H-97.82C	970×825×1500	810×650×600				760×610×70×1
CB15H-140.82C	1400×825×1500	1290×650×650				610×610×70×2

Please ask for other desired designs.

Modular Clean Booth

Modular Clean booth is normally small-sized and customized according to customers' requirements, also known as clean shed. There can be classified into hard wall cleanroom and soft wall cleanroom. Customers can assembled our modular cleanroom by themselves as per our manual.



Like SMIF forms, SVW's design is convenient for disassembly and assembly, saving installation and transportation costs. Internal clean class can reach up to 100 -100,000 level. Clean booth can separate between people and equipment or products effectively, also can minimize human interference and pollution , thereby enhancing the rate of qualified products.

Standard size & Performance Parameters

Model	Overall size W×D×H	FFU Nos	Air flow (m³/h)	Clean Level	Air Velocity
MCB-1500	1500×2000×2500	4pcs	4000	ISO 5 (Class 100) Class A	0.1~0.6m/s, average 0.45m/s
MCB-2000	2000×3000×2500	6pcs	5100		
MCB-3000	3000×4000×2500	12pcs	7600		
MCB-5000	5000×5000×2500	25pcs	12000		

Please ask for other desired designs.

Frame	<ul style="list-style-type: none"> Aluminum profile Cold-rolled steel with anti-bacteria powder coating Stainless steel
Wall	<ul style="list-style-type: none"> Anti-static dustproof curtain Acrylic PC
Control system	<ul style="list-style-type: none"> Microprocessor control PLC



Please ask for other desired designs.

CLEANROOM FURNITURE



Optional door handle



× Customized design

Stainless Steel Shoe Cabinet



Optional handle



× Customized design

HPL Multifunctional Combination Cabinet



× Customized design

Stainless Steel Sink



× Customized design

Stainless Steel Work Bench/Cabinet



× Customized design



× Customized design



× Customized design

SS Gadgets/SS Material Barrel



Fume Hood/Steel and Wood laboratory bench



× Customized design

THANK YOU FOR CHOOSING YOUTHTECH

Follow us at:



Tel/Fax: +86-510 88600138

Mp/WhatsApp: 0086-18118863585

E-mail/Skype: info@youthfilter.com

Youth Technology Limited

Wuxi, Jiangsu, China