

Fume-Hoods



mrc



DFH-7

DFH-7, Chemical Fume Hood

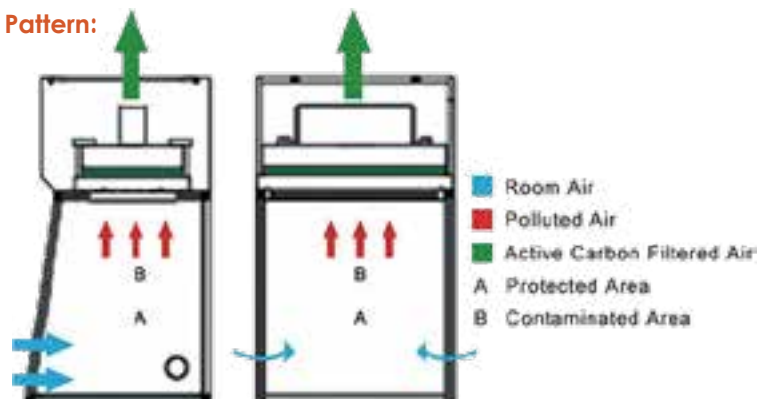
Negative pressure in work area protects operator and environment.

Advantages:

- Folding acrylic front window, down part with free stop function.
- Microprocessor control system, LED display.
- With memory function in case of power-failure.
- Built-in centrifugal blower.
- Interlock function: UV lamp and blower, fluorescent lamp (Only for choosing UV lamp).

Note: Experiments with strong acid and alkali, flammable or explosive substances can not be conducted with this type fume hood.

Air Flow Pattern:



Digital LED display:
Airflow Level



Three Side Glass Windows
Back&Side glass windows maximize light
and visibility,providing a bright and open
working environment.

Folding acrylic front
window,down part with
free stop function.



Model	DFH-7
External size (WxDxH) (mm)	700x620x1150
Internal size (WxDxH) (mm)	640x550x700
Max Opening	660mm
Air Velocity	0.3~0.8m/s
Noise	≤60dB (A)
LED Lamp	4Wx2
Blower	Built-in centrifugal blower; Speed adjustable
Front Window	Folding acrylic window, down part with free stop function
Power Supply	AC220V±10%, 50/60Hz ; 110V±10%, 60Hz
Consumption	200W
Material	Main Body: 1.0mm cold-rolled steel with bacteria power coating
	Work Table: Chemical resistant phenolic resin
	Side Windows: 5mm toughened glass
Standard Accessory	LED lamp, Active carbon filter, Blower, 4 meters PVC exhaust duct, Pipe strap
Optional Accessory	15W UV lamp, HEPA filter, Base stand
Gross Weight with/without Base Stand	45/60kg
Package Size (WxDxH)	Without Base Stand
	With Base Stand
	840x760x1400
	840x960x1400

FH-10/12/15/18, Ductless Fume Hoods

Fume Hoods are used to protect lab environment and operator during general chemical applications. It actively protects operator from inhaling toxic vapors and dramatically reduces the risk of fire and explosion. By installing proper filter, it can also protect environment.

**FH-SERIES****Advantages:**

- UV Lamp for sterilization.
- Motorized front glass window.
- Adjustable air speed: 9 levels.
- Alarm when filter working time 3500 hours.
- With air velocity memory function in case of power failure.
- Back side air compensation, to avoid turbulence in work area.
- 10° slope front ergonomics design, fatigue-free working posture.
- Microprocessor control system, LED display. LED display filter working time.
- Transparent side glass windows maximize light and visibility inside the cabinet, providing a bright and open working environment.

**LED Display****Foot Switch****Observation Window****Water & Gas Tap
Water Sink****Back Side Air Compensation**

Model	FH-10	FH-12	FH-15	FH-18
External Dimension (WxDxHmm)	1000x840x2150	1200x840x2150	1500x840x2150	1800x840x2150
Internal Dimension (WxDxHmm)	880x730x745	1080x730x745	1380x730x745	1680x730x745
Max. Opening	520mm			
Work Surface Height	750mm			
Blower	Built-in centrifugal blowers; Speed adjustable with 9 levels			
Air Velocity	0.3~0.8m/s			
Noise	≤68dB			
LED Lamp	8Wx1	12Wx1	16Wx1	16Wx1
UV Lamp	Emission of 253.7 nanometers for most efficient decontamination			
Front Window	Motorized;5 mm toughened glass, anti-UV			
Material	Exterior Body: Cold-rolled steel with anti-bacteria powder coating. Work table: Chemical resistant phenolic resin			
Waterproof Socket	1pc	2pcs		
Power Supply	AC220V±10%, 50/60Hz: 110V±10%, 60Hz			
Consumption	400W		500W	
Stand Accessory	Water tap; Gas tap; Water sink; Base stand, UV lamp*2, LED lamp, Socket, 4 meters exhaust duct, Active carbon filter, Foot switch			
Gross Weight	230kg	253kg	290kg	340kg
Package Size (WxDxHmm)	1150x1120x1680	1350x1120x1680	1650x1120x1680	1950x1120x1680



DFH-10C/12C/15C/18C Ductless Fume Hood

Advantages:

- LCD Touch screen control panel, easy to operate.
- With memory function in case of power-failure
- 8°slope front ergonomics design, fatigue-free working posture.
- Temperature and humidity sensors, can detect indoor temperature and humidity.
- Three side transparent Acrylic windows, front window reversal design, easy to operate.
- Double-layers structure: 1mm sheet metal surface; Chemical resistant phenolic resin work table.
- Electronic control system, anti-overload, anti-electric shock, stable performance, long service life.
- Inside and outside probe, detect indoor air pollution and filter conditions. Audible and visual alarm for changing filter.



LED Display
LCD Touch Screen
Control Panel



Front Window
Front window
reversal design



Water & Gas tap
Reserve mouth



Waterproof Socket



Explosion-proof
Fluorescent Lamp

Model		DFH-10C	DFH-12C	DFH-15C	DFH-18C
External size (WxDxH) (mm)		1000x880x2140	1200x880x2140	1500x940x2140	1800x940x2140
Internal size (WxDxH) (mm)		910x690x740	1110x690x740	1410x690x740	1710x690x740
Work Surface Height		900mm			
Max Opening		850mm			
Air Velocity		0.25~0.35m/s			
Airflow Volume		105m³/h		325m³/h	415m³/h
Noise		≤55dB			
Fluorescent Lamp		16Wx2		16Wx3	
UV Lamp		Emission of 253.7 nanometers for most efficient decontamination			
Blower		Built-in centrifugal blower; Speed adjustable			
Front Window		Acrylic window; Manual; reversal design			
Power Supply		AC220V±10%, 50/60Hz; 110V±10%, 60Hz			
Consumption		400W		500W	
Material		Exterior: Cold-rolled steel with anti-bacteria powder coating			
		Side Window: Acrylic Window			
		Work Table: Chemical resistant phenolic resin			
Chemical Filter		2 pcs		4 pcs	
Standard Accessory		Fluorescent Lamp, Base cabinet Total load of 2 waterproof sockets: 500W			
Optional Accessory		Water tap, Gas tap, Water sink, UV Lamp, Electric height adjustable base stand, HEPA Filter			
Gross	Main Body	190kg	200kg	255kg	280kg
Weight	Base Cabinet	120kg	130kg	145kg	155kg
Package (mm)	Main Body	1150x990x1510	1350x1000x1510	1650x1110x1510	1950x1110x1510
Size (mm)	Base Cabinet	1150x990x1080	1350x1000x1080	1650x1110x1080	1950x1110x1080



FH-10A

FH-10A/12A/15A/18A, Fume Hood

Fume Hood is used to protect lab environment and operator during general chemical applications. It actively protects operator from inhaling toxic vapors and dramatically reduces the risk of fire and explosion. By installing proper filter, it can also protect environment.

Advantages:

- UV lamp for sterilization
- Adjustable air speed: 9 levels
- Motorized front window, height adjustable
- Microprocessor control system, LED display.

Features:



LED Display



Waterproof Socket



Water & Gas Remote Control



Double Layer
1.2mm sheet metal surface, melamine board inward.

Model		FH-10A	F-H12A	FH-15A	FH-18A
External size (WxDxH) (mm)		1040x800x2200	1240x800x2200	1540x800x2200	1840x800x2200
Internal size (WxDxH) (mm)		820x670x730	1020x670x730	1320x670x730	1620x670x730
Work Surface Height		850mm			
Max Opening		500mm			
Air Velocity		0.3~0.8m/s			
Noise		≤60dB			
Exhaust Duct		PVC, Standard length: 4 meters.			
		Ø300mm			
Pipe Strap		1 pc			
Fluorescent Lamp		14W*1	21W*1	28W*1	36W*1
UV Lamp		Emission of 253.7 nanometers for most efficient decontamination			
Blower		Built-in centrifugal blower; Speed adjustable			
Front Window		5mm toughened glass; Motorized; Height adjustable			
Power Supply		220V±10%, 60/50Hz, 110V±10%, 60Hz			
Consumption		400W		500W	
Material		Exterior: Cold-rolled steel with anti-bacteria powder coating			
		Interior: High grade melamine board with good acid and alkali resistance function			
		Work Table: Phenolic resin			
Standard Accessory		UV lamp*2, Fluorescent lamp, Water tap, Gas tap, Water sink, Base cabinet Total load of 2 waterproof sockets: 500W 4 meter PVC exhaust duct, pipe strap			
Optional Accessory		Active carbon filter			
Gross Weight		230kg	270kg	370kg	420kg
Package Size (WxDxH)	Main Body	1190x990x1690	1390x990x1690	1690x990x1690	1990x990x1690
	Base Cabinet	1290x990x980	1390x990x980	1690x970x970	1990x990x980

FH-10P/12P/15P/18P, PP Fume Hood

Fume Hood is used to protect lab environment and operator during general chemical applications. It actively protects operator from inhaling toxic vapors and dramatically reduces the risk of fire and explosion. By installing proper filter, it can also protect environment.

Advantages:

- It is safer to use anti-corrosive water tap.
- Microprocessor control system, LCD display
- Made of porcelain white PP, resistant to strong acid, alkali and anti-corrosion.
- Front window which is made of thick transparent toughened glass maximize light and visibility inside the fume hood, providing a bright and open working environment.

Features:



LCD Display



Waterproof Socket



PP sink - Resistant strong acid, alkali & anti-corrosion



Water & Gas Remote Control

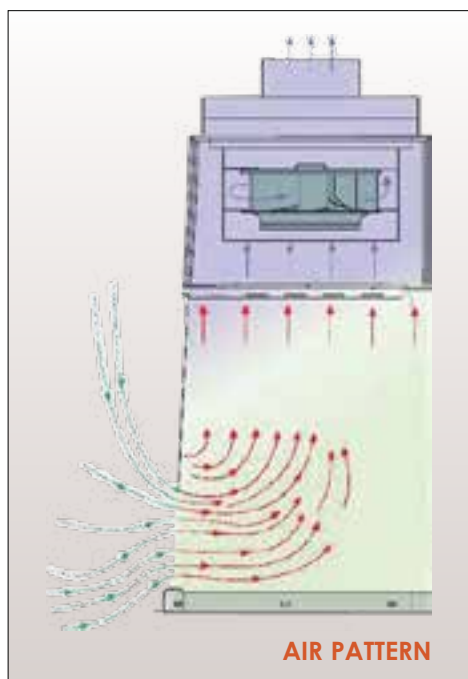
Model		FH10P	FH12P	FH15P	FH18P
External size (WxDxH) (mm)		1040x750x2200	1240x800x2200	1540x800x2200	1840x800x2200
Internal size (WxDxH) (mm)		820x520x872	1020x570x872	1320x570x800	1620x570x872
Work Surface Height		700mm			
Max Opening		815mm			
Air Velocity		0.4~0.6m/s			
Noise		≤60dB			
Fluorescent Lamp		12Wx1	30Wx2		
Blower		Built-in axial flow blower; Speed adjustable			
Front Window		Manual, 5mm toughened glass, height adjustable			
Power Supply		AC220V±10%, 50/60Hz ; 110V±10%, 60Hz			
Consumption		330W	360W		
Material		Main Body: Made of Porcelain white PP, thickness 8mm, resistant to strong acid, alkali and anti-corrosion			
		Work Table: Chemical resistant phenolic resin			
Standard Accessory		Fluorescent lamp, Water tap, Gas tap, Water Sink, Base cabinet Waterproof socket*2 4 meter PVC duct, Diameter:250mm			
Optional Accessory		PP work table, epoxy resin board or ceramic board Outer centrifugal blower, resistant to strong acid, alkali.			
Gross Weight		160kg	198kg	225kg	259kg
Package Size (WxDxH)	Main Body	1110x835x1575	1310x885x1575	1610x885x1575	1910x885x1575
	Base Cabinet	1110x790x950	1310x840x950	1610x840x950	1910x840x1575



- | | |
|--------------------|------------------|
| 1. Front Panel | 8. Work Table |
| 2. Distilled Water | 9. Front window |
| 3. Vacuum | 10. Cold water |
| 4-5. Sockets | 11. Gas gap |
| 6. Base Cabinet | 12. Power switch |
| 7. Control panel | |



CONTROL PANEL



FH-15i, Fume Hood

FH-Series Fume Hood is the first defense to minimize chemical exposure to research workers. They are considered the primary means of protection from inhalation of hazardous vapors. our FH-Series fume hood has five models.

Advantage:

- UV lamp. Sterilize the working area
- LCD display screen
- See the air velocity directly
- The fan is inside. Easy to install, save time
- The air velocity is adjustable (6 levels)
- Automatic front window
- Removable work surface
- Easy to clean
- Power switch
- Work Table
- Front window
- Cold water
- Gas gap
- Control panel.

Model	FH-15i
Exterior size (LxWxH)	1500x900x2500mm
Work Area (LxWxH)	1320x850x950mm
Base Cabinet	Height is 720 mm, the exterior size include the cabinet height
Protection Class	Class I
Protection Type	IP 20
Air Velocity (m/s)	0. 2m/s — 0. 7m/s
Noise	≤ 60dB(A)
Exhaust Duct	PVC,standard length: 4 meters
Pipe Collar (mm)	(I)290
Fluorescent Lamp	28Wx1
UV Lamp	30Wx1
Blower	Centrifugal fan, speed adjustable. The fan inside the Fume Hood
Glass window	Two layer toughen glass, 5mm thickness: Motor control, height adjustable
Power supply	110-220V/50-60Hz (optional)
Power consumption	800W
Standard Accessory	Water tap:One
	Water cup:One
	Air tap:One
	Water proof socket: two
Material	Exterior body : Cold-roll steel sheets, coated with anti-bacteria powder Interior: Adopts high grade melamine board with good acid and alkali resistance function Work table: Using Solid Chemical-Resistant board
Optional Accessory	HEPA Filter/Carbon active Filter/Chemical Filter
Net Weight	280 kg
Gross Weight	400 kg
Package Size	Main body: 1.66x1.11x2.14 Base Cabinet: 1.66x1.11x0.9



FH-12-DB

FH-12/18/24-DB, Dispensing Booth (Sampling or Weighing Booth)

Dispensing booth is a kind of partial purifying equipment for filling, refilling, weighing and sampling of raw material and compounds. It is provided with HEPA filter, which prevents the airborne dusts by down draught technique. The unit eliminates powder contamination to protect the operator and the surrounding environment.

Dispensing booth is also called sampling booth or weighing booth.

Features:

- Customized design is welcome.
- Unique designed air duct effectively controls the noise.
- Smooth transitions of wall and ground can eliminate the blind angle.
- Differential pressure gauge is equipped to real-time monitor the filters.
- Intelligent control mode and alarm system ensure the reliability of running.
- Automatic changeable frequency system monitors the air velocity to ensure its stability in the work area.
- Uniform flow design of main working area can protect the operators and prevent environmental pollution and cross contamination of products.
- Dispensing Booth(Sampling or Weighing Booth) has primary filters, medium efficiency filters and HEPA filters to keep air cleanliness of work area.



Differential Pressure Gauge
Dwyer make Magnehelic gauges are used to measure the pressure drop HEPA filter 0-500 Pa.



Air Flow Pattern



Reference Picture



Reference Picture

LCD Display
Microprocessor control system.



Soft Wall Material
PVC anti-static dustproof curtain.



Model	FH-12-DB	FH-18-DB	FH-24-DB
Clean Level	ISO 5 (Class 100), Class A		
HEPA Filters	99.999% efficiency at 0.3 um		
Air volume	Supply air volume: ≤7500m3/h, Exhaust air volume: ≤2250m3/h; Adjustable		
Material	Fully stainless steel		
Air Velocity	0.35~0.65m/s, adjustable		
Pressure Gauge	3pcs		
Noise	≤70dB		
UV Lamp	30w x 1	40w x 1	30w x 2
	Emission of 253.7 nanometers, with UV timer		
Illuminating Lamp	14w x 4	16w x 4	16w x 2 & 14w x 4
	LED lamp, Illumination: ≥800lux		
Power Supply	AC220V±10%, 50/60Hz; 110V±10%, 60Hz		
Consumption	600W	1000W	1700W
Sockets	2pcs		
Work Area Size (WxDxH)	1200x1200x2000mm	1800x1800x2000mm	2400x1800x2000mm
External Size (WxDxH)	1300x1700x2400mm	1900x2300x2400mm	2500x2400x2400mm
Gross Weight	420kg	750kg	840kg
Package Size (WxDxH)	1440x2540x1930mm	2020x760x2370mm 2020x660x445mm 1950x530x2110mm	2640x960x2330mm 2640x780x630mm 2640x560x2200mm
Customized design for clean level, size or material is available			

PWS-06/08/10/13, Powder Weighing Station

PWS-Series high performance ductless filtering powder weighing station is designed for user protection during precision weighing, and ensure a precision of weighing result, negative pressure airflow ensure operation and filtration result, and also protect the operators from toxic chemical powder, to keep the purity of lab air.

Features:

This series cabinets can be used to precision weigh toxic and hazardous chemical powder or reagent under ductless filtration system protection.

• Ductless technology

The ductless technology allows the cabinet to move & relocate freely, easy to replace & save space of the working room, ductless HEPA filtration system can filtered 99.995% pollution from the cabinet, much safer for operator and also good for environment protection.

• Intelligent control

The vented and filtered system are all controlled by one sensitivity resistive touch LCD screen, much easier to operate, after setting a standard value, once the detect the pollution the fan system will automatically works.

• Filter

High effective active carbon filter, HEPA filter. Various type of filter, which realize high efficiency filtration.

• Body

The body of safety cabinet are made of high quality cold rolled steel plates and paint with gray colour & epoxy resin powder coated, with good corrosive resistance performance.

• Work surface

It is made of physicochemical board, with perfect anti-corrosive, impact resistant & high temp. resistant performance & easy to clean. Optional epoxy resin board could be chosen to meet higher environmental protection level.

PWS-SERIES

Advanced VOC Detector port detects pollution in time, with special alarm system

Unique designed LCD touch screen control system, which combine all data in one piece computer control panel easy to control fan speed and lighting etc and convenient to set up and monitor all data.

Silent turbine fan draws chemical vapors from bottles into a HEPA filter with high absorption capacity. No static, no spark & super silence motor. Various type filters to realize 99.99% high efficiently filtering.

Gray finish paint wall with epoxy powder coated, with anti-corrosive and anti-rust performance.

Explosion proof lighting system are controlled by control panel.

Transparent acrylic glass >6mm thickness with good anti-corrosive performance. Two operation holes, reverse sash window design easy to access.

High quality solid physicochemical working table with anti-corrosive, anti-impact high temperature resistant, abrasion resistant, and easy to clean.

Model	PWS-06	PWS-08	PWS-10	PWS-13
External Dimension (WxDxHmm)	600X620X1290	800X620X1290	1000X620X1315	1275X620X1340
Internal Dimension (WxDxHmm)	564X540X860	764X540X860	971X512X885	1172X522X866
Air Capacity (m ³ /h)	230			
Air Velocity Setting (m ³ /h)	0~230			
Lifespan of Fans (h)	≥60000			
Fan Power (W)	42			
Fan Noise (dBA)	≤40			
Average Air Face Velocity (m/s)	0.4~0.6			
Filters (pcs)	4			
Fans (pcs)	1			3
Rated Voltage (V)	220~240			
Rated Current (A)	≤3			
Frequency (HZ)	50~60			
Operation Hole	Triangle			
Light / Alarm	Yes			
Control system (set)	1			
Worktable	Physicochemical board			
Ambient Temperature (°C)	-10~40			
Power wire	1 piece			
UV Light / HEPA Filter / Movable Cart	Optional			
Worktop	Optional (epoxy resin board)			

SF-Series

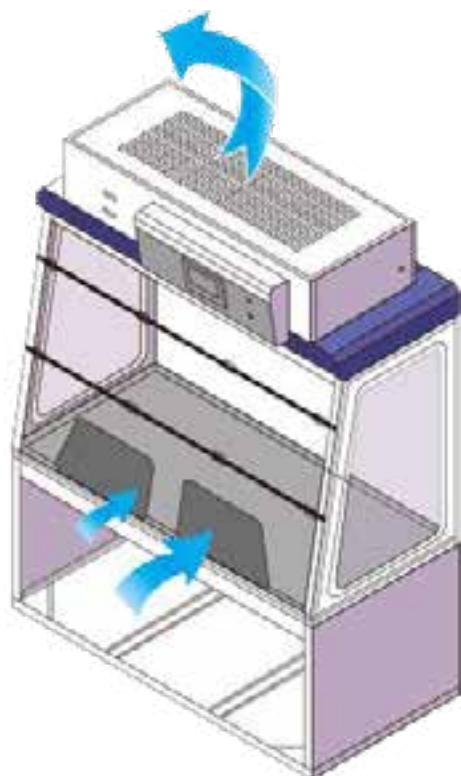


SF-Series, Ductless Fume Hood

SF-Fume-Hood Series ductless filtered fume hood is compliance with NFX15 211:2009 (ANSI Z 9.5-201), ASHRAE 110:1995 standard and China national standard JG/T385:2012, and passed ISO9001 certificate. SF-Fume-Hood Series high performance ductless fume hood is designed for protecting operators during chemical experiment and ensure to protect the operators from toxic chemicals or poisons, and keep the purity of lab air.

Advantages:

- No duct, easy to install, no exhaust gas, modern and environmental protection.
- Optional filtration module system according to a variety of experiment needs.
- Advanced module filtration technology, full absorption of toxic vapor, particle & dust, etc.
- No consumption of air conditioning energy, high efficiently saving energy.
- Moving conveniently, nearby storage, easy to access, to improve the work efficiency.



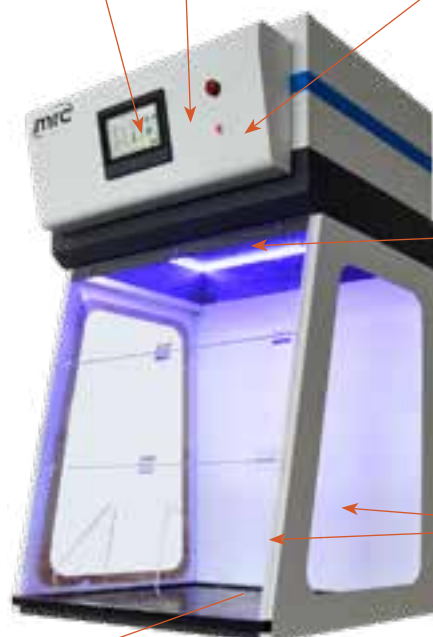
Advanced VOC Detector port detects pollution in time, with special alarm system

Unique designed LCD touch screen control system, which combine all data in one piece computer control panel easy to control fan speed and lighting etc and convenient to set up and monitor all data.

Silent turbine fan draws chemical vapors from bottles into a HEPA filter with high absorption capacity. No static, no spark & super silence motor. Various type filters to realize 99.99% high efficiently filtering.

Explosion proof lighting system are controlled by control panel.

Transparent acrylic glass >6mm thickness with good anti-corrosive performance. Two operation holes, reverse sash window design easy to access.



High quality solid physicochemical working table with anti-corrosive, anti-impact high temperature resistant, abrasion resistant, and easy to clean.

Working Principle:

- The turbine motor draws the air from the outside of cabinet.
- The air brings the hazardous vapour into the filtration system.
- Choose a proper high efficient filter according to the chemicals.
- The hazardous air goes through molecular filter become fresh air.

Model	Specification	Configure	Optional Parts
SF-DS800	External Dimension (mm) W800 x D520 x H1290	Filters (pcs) 8 Fans (pcs) 1	UV Light HEPA Filter Movable Cart Physicochemical Board Worktop: solid physicochemical board, epoxy resin board
	Internal Dimension (mm) W764 x D540 x H860	Rated Voltage (V) 220~240	
	Air Capacity (m³/h} 230	Rated Current (A) ≤3	
	Air Velocity Setting (m³/h) 0~230	Frequency (HZ) 50~60	
	Lifespan of Fans (h) ≥60000	Light: Yes	Model: SF-FO: Organic chemicals SF-FI: Inorganic chemicals SF-HEPA: Chemical powder
	Fan Power (W) 42	Alarm: Yes	
	Fan Noise (dBA) ≤40	Control system (set): 1	
	Average Air Face Velocity(m/s) 0.4~0.6	Worktable: Epoxy resin board	
	Operation Hole: Triangle		
SF-DS1000	External Dimension (mm) W1000 x D520 x H1315	Filters (pcs) 8 Fans (pcs) 1	UV Light HEPA Filter Movable Cart Physicochemical Board Worktop: solid physicochemical board, epoxy resin board
	Internal Dimension (mm) W971 x D512 x H885	Rated Voltage (V) 220~240	
	Air Capacity (m³/h} 230	Rated Current (A) ≤3	
	Air Velocity Setting (m³/h) 0~230	Frequency (HZ) 50~60	
	Lifespan of Fans (h) ≥60000	Light: Yes	Model: SF-FO: Organic chemicals SF-FI: Inorganic chemicals SF-HEPA: Chemical powder
	Fan Power (W) 42	Alarm: Yes	
	Fan Noise (dBA) ≤40	Control system (set): 1	
	Average Air Face Velocity(m/s) 0.4~0.6	Worktable: Epoxy resin board	
	Operation Hole: Triangle		
SF-DM1275	External Dimension (mm) W1275 x D620 x H1340	Filters (pcs) 12 Fans (pcs) 2	UV Light HEPA Filter Movable Cart Physicochemical Board Worktop: solid physicochemical board, epoxy resin board
	Internal Dimension (mm) W1172 x D522 x H866	Rated Voltage (V) 220~240	
	Air Capacity (m³/h} 230	Rated Current (A) ≤3	
	Air Velocity Setting (m³/h) 0~230	Frequency (HZ) 50~60	
	Lifespan of Fans (h) ≥60000	Light: Yes	Model: SF-FO: Organic chemicals SF-FI: Inorganic chemicals SF-HEPA: Chemical powder
	Fan Power (W) 42	Alarm: Yes	
	Fan Noise (dBA) ≤40	Control system (set): 1	
	Average Air Face Velocity(m/s) 0.4~0.6	Worktable: Epoxy resin board	
	Operation Hole: Triangle		
SF-DM1600	External Dimension (mm) W1600 x D620 x H1315	Filters (pcs) 16 Fans (pcs) 3	UV Light HEPA Filter Movable Cart Physicochemical Board Worktop: solid physicochemical board, epoxy resin board
	Internal Dimension (mm) W1572 x D522 x H866	Rated Voltage (V) 220~240	
	Air Capacity (m³/h) 230	Rated Current (A) ≤5.5	
	Air Velocity Setting (m³/h) 0~230	Frequency (HZ) 50~60	
	Lifespan of Fans (h) ≥60000	Light: Yes	Model: SF-FO: Organic chemicals SF-FI: Inorganic chemicals SF-HEPA: Chemical powder
	Fan Power (W) 42	Alarm: Yes	
	Fan Noise (dBA) ≤55	Control system (set): 1	
	Average Air Face Velocity(m/s) 0.4~0.6	Worktable: Epoxy resin board	
	Operation Hole: Triangle		
SF-DL1600	External Dimension (mm) W1600 x D790 x H1495	Filters (pcs) 16 Fans (pcs) 3	UV Light HEPA Filter Movable Cart Physicochemical Board Worktop: solid physicochemical board, epoxy resin board
	Internal Dimension (mm) W1497 x D602 x H1014	Rated Voltage (V) 220~240	
	Air Capacity (m³/h) 230	Rated Current (A) ≤5.5	
	Air Velocity Setting (m³/h) 0~230	Frequency (HZ) 50~60	
	Lifespan of Fans (h) ≥60000	Light: Yes	Model: SF-FO: Organic chemicals SF-FI: Inorganic chemicals SF-HEPA: Chemical powder
	Fan Power (W) 110	Alarm: Yes	
	Fan Noise (dBA) ≤55	Control system (set): 1	
	Average Air Face Velocity(m/s) 0.4~0.6	Worktable: Epoxy resin board	
	Operation Hole: Trapezium		

FUME HOOD

Arm, Dust Suction



FHA-1, Mobile Fume Extractor

The mobile fume extractor is an air purification equipment which can provide the partial high pure environment. The airflow is vertical laminar flow type. It is widely used in medical research laboratories, precision instrument, bio-pharmacy, micro-organism studies and etc.

Features:

- Freely moving, easy to operate and install.
- The purification system consists of fan, primarily efficient filter, high efficient filter and activated carbon filter.
- HEPA filter ensures the filtering efficiency to 99.999% efficiency at 0.3µm.

Model	FHA-1
External Size (WxDxH)	500x500x980mm
Air Velocity	0.3-0.6m/s
Filter Efficiency	99.999% efficiency at 0.3µm
Noise	≤75dB (A)
Suction Inlet Diameter	375mm
Rated Power	180W
Power Supply	AC110/220V ±10%, 50/60Hz
Gross Weight	15kg (Extracting arm) 61 kg (Purification system)
Package Size (WxDxH)	810x510x600mm (Extracting arm) 630x630x1175mm (Purification system)

DustMatic-2000/2001, Dust Drawer



A dust-suction drawer of optimal quality and design, featuring innumerable advantages & improvements in almost all fields of operation, efficiency, user-friendliness, etc.

- Operation is fully automatic: on starting the micromotor, the drawer starts operating, on stopping the micromotor, suction switches off after 20 seconds have elapsed.
- Ergonomic design and construction with first quality materials.
- The working surface is made of beech-wood, giving it a modern look, and allowing for comfortable working.
- Silent, powerful, maintenance-free low pressure induction motor.
- Large-dimensioned, easy-to-change, filter bag (according to international Standards).
- Small-dimensioned drawer, capable of fitting most lab workbenches, with ample leg-room.
- Low operational costs. Easy to install, requires no special tools or training.

Model	Power	Air Volume	Size (mm)	Weight	Operation
2000	100W	350m³h	490x510x180	14kg	Auto/Manual
2001	100W	350m³h	490x510x180	13.5kg	Manual only



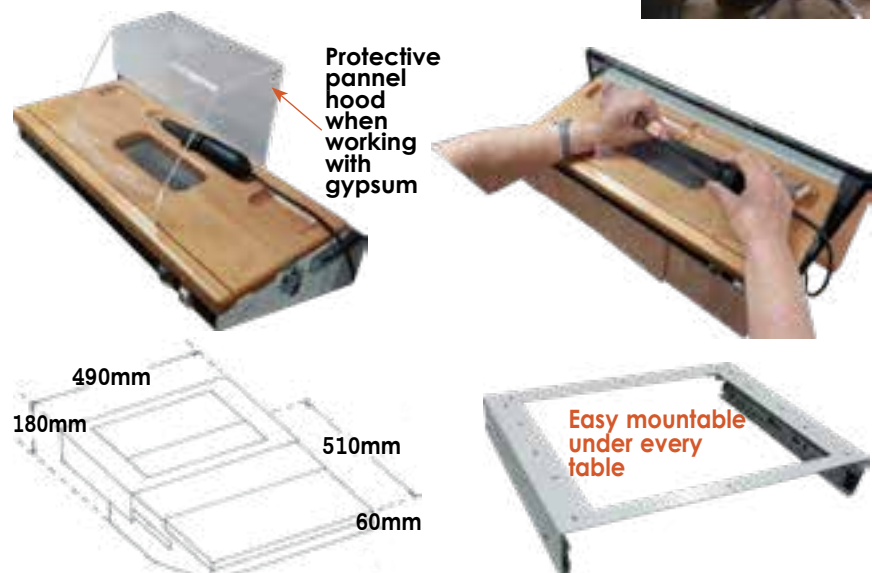
- Effective suction with large suction bag
- Silent, maintenance free & applicable for continuous operation.
- Easy mountable under every table.

Applications:

- Dental
- Ear Phones manufacturer
- Artificial Eye manufacturer
- Archaeology Laboratory
- Beauty manicure
- Jewelry manufacturer.

Include:

Suction drawer complete, with micro-respirable dust filter bag & protective panel.





BBS-13

BBS-13HGS/BBS13VGS, Laminar Airflow Cabinets

Model	BBS13HGS	BBS13VGS
External DIM.(mm)	L1300xW825xH2000	L1310xW825xH2000 including the base stand
Working zone size(mm)	L1200xW500xH570	L1200xW500xH570
HEPA Filter DIM.(mm)	L1223xW570xH69	
Display	Digital airflow display	
Hepa filter	HEPA filter with 99.997% efficiency at 0.3 micros	HEPA filter, the filtration performance: 99.99% to 0.5µm
Dust	≤3.5 Granule/L for ≥0.5µm	
Noise level	≤60db	
Airflow	Horizontal, 0.3-0.5m/s	Vertical, 0.3-0.5m/s
Vibration level	XYZ direct <5µm	
UV lamp	30W x 1	
Light	28W x 1	
Worktable material	304 Stainless steel	
Consumption	600W	
Power supply	AC 220V, 50Hz	
Certification	CE, ISO13485, ISO9001, ISO14001	



BBS-SDS

BBS-DDS/BBS-SDS, Horizontal Laminar Airflow Cabinets

Model	BBS-DDS	BBS-SDS
Protection / Display	Sample / LCD Display	
External DIM.(mm)	L1100xW808xH1690	L1500xW808xH1690
Internal DIM.(mm)	L1000xW500xH600	L1400xW500xH600
Work Surface Height	750mm	
Airflow Velocity	Average of 0.30~0.45m/s	
Material	Main Body: Cold-rolled steel with anti-bacteria powder coating. Work Table:304 stainless steel Side Windows:8mm toughened glass, anti-UV	
Pre / HEPA filter	Polyester fiber, washable / 99.999% efficiency at 0.3µm	
Noise	<65dB (A)	
Consumption	200W	300W
LED Lamp	12Wx1	16Wx1
UV lamp	20Wx1 Emission of 253.7 nanometers	30Wx1 Emission of 253.7 nanometers
Waterproof socket	Two, total load ≤500W	
Caster	Universal caster with leveling feet	
Power Supply	AC220V±10%; 50/60Hz; 110V±10%, 60Hz	
Gross Weight	150kg	179kg



BBS-SDC

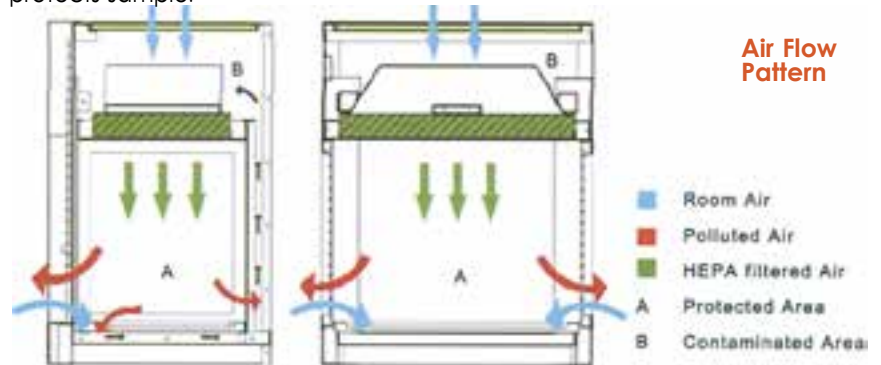
BBS-DDC/BBS-SDC, Vertical Laminar Airflow Cabinets

Model	BBS-DDC	BBS-SDC
External DIM.(mm)	L1100xW740xH1740	L1500xW740xH1740
Internal DIM.(mm)	L940xW540xH630	L1340xW540xH630
Dust	≥0.5um≤3.5 granule/L	
Clean rate	>99.95% (for 0.5 um)	
Air velocity	0.3-0.5m/s	
Noise	<60dB(A)	
Vibration	XYZ direct<2 um	
Front windows	Tempered glass, no less than 5mm	
Worktable material	Stainless steel	
Consumption	340W	380W
Light	20Wx2	
UV lamp	20Wx1	30Wx1



BBS-V500, Mini Fume Hood, Bench-Top

Vertical laminar flow cabinet BBS-V500, positive pressure in work area only protects sample.



Advantage:

- HEPA filter with efficiency: 99.999% at 0.3um
- Microprocessor control system, LED display
- Air speed adjustable
- Tabletop type, easy to carry and save space.

Model	BBS-V500
Exterior size (LxWxH)	550X460X700mm
Work Area (LxWxH)	480X340X370mm
Display	LED Display
Airflow Velocity	0.3~0.5m/s
Material: Main Body	Cold-rolled steel with anti-bacteria powder coating
Material: Work Table	304 stainless steel
Pre-filter	Polyester fiber, washable
HEPA Filter	99.999% efficiency at 0.3μm
Noise	<60dB
Front Window	Manual, 5mm toughened glass, anti UV
Max Opening	310mm
LED Lamp	8Wx1
UV Lamp	8Wx1 Emission of 253.7 nanometers
Consumption	100W
Power Supply	AC220V±10%, 50/60Hz; 110V±10%, 60Hz
Standard Accessory	LED lampx1, UV lampx2
Gross Weight	57kg
Package Size (WxDxH)	700x610x830mm



BSC-C1-1, BSC-C1-2, BSC-C1-3, BSC-C1-5, Class I

The Class I Biosafety cabinet is designed to provide personnel and environmental protection.

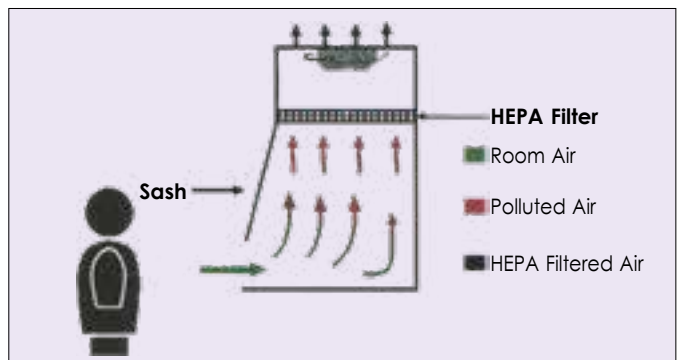
- Class I Biosafety Cabinet does not protect the product from contamination because un-purified room air constantly enters into work area.
- As a partial containment unit, the Class I Biosafety Cabinet is suitable for work in low to moderate risk agents (Biosafety Levels 1,2 and 3) where there is a need for control but not for product protection.
- Unlike conventional fume hood, the HEPA filter in the Class I Biosafety Cabinet protects the environment by filtering air before it is exhausted.
- With the negative pressure, personnel protection is made possible by constant move of air into the work area.

Features:

- Soft touch control panel, LCD display.
- UV lamp for sterilization.
- Stable air flow system.
- provide firm protection to personnel & environment.
- Energy-saving, high efficiency, low noise.
- One piece 304 stainless steel work table, easy for cleaning.



BSC-C1-1/2 BSC-C1-3 BSC-C1-5



Model		BSC-C1-1	BSC-C1-2	BSC-C1-3	BSC-C1-5
External Size (WxDxH)		550x395x730 mm	700x550x900 mm	900x695x1080 mm	1100x695x1924 mm
Internal Size (WxDxH)		540x385x450 mm	680x450x500 mm	768x690x580 mm	968x695x630 mm
HEPA Filter		99.999% efficiency at 0.3um			
Airflow Velocity		0.38 m/s 0.6 m/s			
Noise		< 55 dB			
Fluorescent Lamp		15W*1	18W*1	14W*2	21W*1
UV Lamp		15W*1	18W*1	20W*1	20W*1
Consumption		150W	160W	180W	400W
Base Stand		No			738 mm height
caster		No			Universal wheel
Power Supply		110/220V ± 10%, 50/60Hz			
Material	Main Body	PMMA		Cold-rolled steel coated with anti- bacteria powder	
	Work Table	304 stainless steel			
	Base Stand	No			Cold-rolled steel
Standard Accessory		Fluorescent Lamp, UV Lamp			+ Base Stand
Gross Weight		40 kg	60 kg	100 kg	150 kg
Package Size (WxDxH)		755x600x950 mm	950x700x1125 mm	1050x850x1280 mm	1250x840x2250 mm



FH-PCR-13

FH-PCR-08/01/12/13/15 PCR Cabinets

Advantages:

- LCD display (LED display for FH-PCR-01).
- UV sterilization system.
- HEPA filter efficiency 99.999% at 0.3μm.
- With memory function in case of power-failure.
- Interlock function: UV lamp only can be switched on when the front window is closed, ensuring operator safety.
- UV timer (0-90 minutes): When the setting time expires, the UV lamp automatically switches off in preparation for the next experiment.



FH-PCR-01

UV Lamp

Emission of 253.7 nanometers for most efficient decontamination.



LCD Display
LCD Display (not including FH-PCR-01, FH-PCR-01's display is LED)

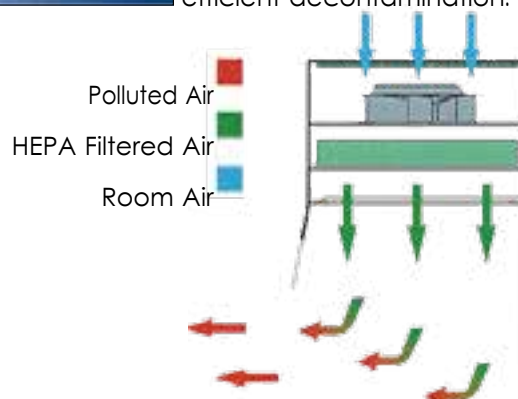
Waterproof Socket
2 waterproof sockets are located in the back wall, for optimum convenience of using small devices inside the cabinet.



Side Glass Window
Side glass windows maximize light and visibility inside the cabinet, providing a bright and open working environment.



Shelf with IV Bar

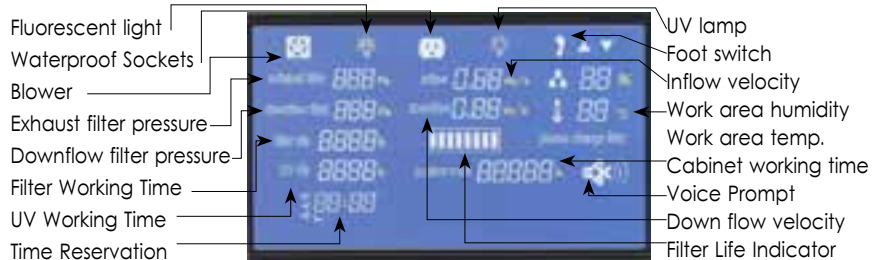


Model	FH-PCR-08	FH-PCR-01	FH-PCR-12	FH-PCR-13	FH-PCR-15
External size (WxDxH) (mm)	800x700x1770	1000x705x1770	1200x700x1770	1300x700x1770	1500x700x1770
Internal size (WxDxH) (mm)	700x595x550	900x595x560	1100x595x550	1200x595x550	1400x595x550
Work Surface Height	750mm				
Material	Main Body: Cold-rolled steel with anti-bacteria powder coating Work Table: 304 stainless steel				
Max Opening	850mm				
Front & Side Windows	5mm toughened glass , anti-UV				
	Motorized	Manual	Motorized		
Max Opening	300mm	320mm	300mm		
HEPA Filter	99.999% efficiency at 0.3μm				
Airflow Velocity	0.3–0.5m/s, speed adjustable				
Noise	≤65dB				
UV Lamp	20Wx1	20Wx2	30Wx1		40Wx1
	Emission of 253. 7 nanometers, with UV timer				
Illumination Lamp	LED 8Wx2	40Wx1	LED12Wx2		
Illumination	≥1000Lux				
Shelf with IV Bar Caster	Stainless steel, 502x150x50mm (W*D*H)		Universal caster with leveling feet		
Consumption	400W	300W	600W		
Waterproof Socket	Two, total load ≤500W				
Power Supply	AC220V:t:10%, 50/60Hz; 110V±10%, 60Hz				
Standard Accessory	UV lamp, Fluorescent lamp, Base stand, Waterproof socketx2, Shelf with IV bar				
Optional Accessory	Electric height adjustable base stand				
Gross Weight (kg)	168	178	220	231	250
Package Size (WxDxH) (mm)	960x940x1450	1150x930x1450	1350x930x1450	1450x930x1450	1650x930x1450



BSC-9, Class II

1. ABS front panel.
2. Control panel & LCD display.
3. Safety Power Lock
4. Fluorescent lamp (Behind the cover).
5. UV lamp.
6. Sockets.
7. Water & Gas tap.
8. Working Area.
9. Base stand.
10. Remote Control .
11. Draining Valve.
12. Foot Switch.



- Large LCD display. You can find all the information on the screen.
- Remote Control. Every function can be realized 6 meters away from the cabinet by remote control, which can protect the operators under emergency.
- Automatic front window. One finger can adjust the height of front window.
- Time reserve function. It can save half an hour waiting time after you active the cabinet & the sterilization waiting time after experiment finishing.
- Negative pressure plenum surrounds contaminated positive pressure plenum.
- Digital display of air pressure, air velocity and temperature.
- Voice prompt function.

Model	BSC-9
External/Internal size(mm)	1380 × 750 × 2290 mm / 1220 × 600 × 660 mm
Tested/ Working Opening	Safety Height ≤ 200 mm / 400 mm
Inflow Velocity	Inflow: 0.53 m/s / Down flow: 0.33 m/s
Filter	Two HEPA filters, Efficiency 99.999% at 0.3 microns
Front Window	Motorized. Two-layer toughened glass > 5 mm
Noise	EN 12469 ≤ 58 dB, NSF/ANSI 49 ≤ 61 dB
UV/ Fluorescent lamp	30 W*1 / 40 W*2
Illumination	≥ 1000 Lux
Water and Gas Tap	Water Tap: 1, Gas Tap: 1
Waterproof Socket	2*250W (max)
Display	LCD Display
Control/Airflow System	Microprocessor / 70% air recirculation, 30% air exhaust
Material	Work zone interior is made of 304 stainless steel, Main Body: Cold rolled steel with anti-bacteria powder coating
Base stand	Height is 635 mm
caster Wheel	Universal Wheel
Consumption	600W
Power Supply	110~240 V/50~60 Hz (optional)
Gross weight	400 kg
Standard Configuration	Remote control, Foot switch, UV lamp, Fluorescent Lamp, Base stand

Biological Safety Cabinet

Biological Safety Cabinets

- Each cabinet is tested by college of military science.
- Environment test: cabinets are tested under the cruel environment range from -40°C~50°C, and humidity range from 5%-100%.

Biosafety Performance

- Biosafety, and operators safety: impact sampling colony number ≤10CUF/time.
- Slit sampling colony number ≤5CUF/ time.
- Product safety: colony number ≤5CUF/time.
- Cross contamination: colony number ≤2CUF/time.

Motor

- Thermal protection device assure the steady in 1.15 times of voltage rating.
- Actuator is installed behind the demountable or lockable control panel.

Material

- Operation interior surface is made of 300 Series stainless steel.
- Front panel is made of toughened glass, which won't be negative effected by cleaning and sterilization. Thickness of front panel is no less than 5mm.
- For 0.3μm particulate, the filter efficiency is ≥99.999%, which meet the demand of temperature, humidity, corrosion proof and mechanical strength.
- Filter material is made of superfine fiberglass, which will not cause adverse impact on personnel, environment and facility.

Front Operation Area

- The structure of front panel avoids danger to operator when sliding system can't work correctly.
- Alarm device assure the safety of experiments in the specialized range.

HEPA Filter Leak Proof

- The filterability of every point measuring the filterable substance that can be scanned and detected is no more than 0.01 %.
- The filterability of every point measuring the filterable substance that can't be scanned and detected is no more than 0.005%.

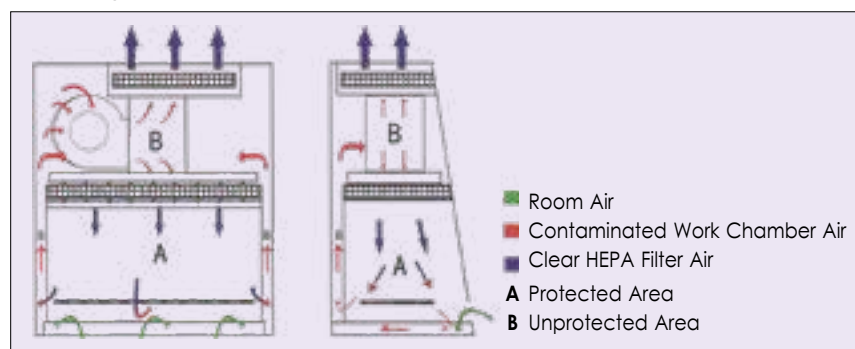
Exclusive Four Patents

- New appearance.
- Remote control.
- Reserve timing.
- High light VFD display.

**BSC-85 BSC-86, BSC-87, Class II**

The Class II Biological Safety Cabinet is designed with inward air flow at a velocity to protect personnel, HEPA filtered vertical laminar air flow for product protection, and HEPA filtered exhausted air for environmental protection.

- Optional: adjustable base stand, height range: 630-845mm.
- One Piece removable work table, V type intake grille (BSC-85/87).
- Large LCD display. You can find all information on the screen (BSC-85/87).
- VFD display: it can demonstrate various colors with high bright, even in the evening. It can work no less than 30,000 hours continually (BSC-86).



1. Biohazard Label.
2. LCD display / VFD Display.
3. Power Lock.
4. Handle.
5. Water & Gas Tap.
6. Waterproof Socket.
7. V Type Intake Grille.
8. Optional: Adjustable Base Stand.

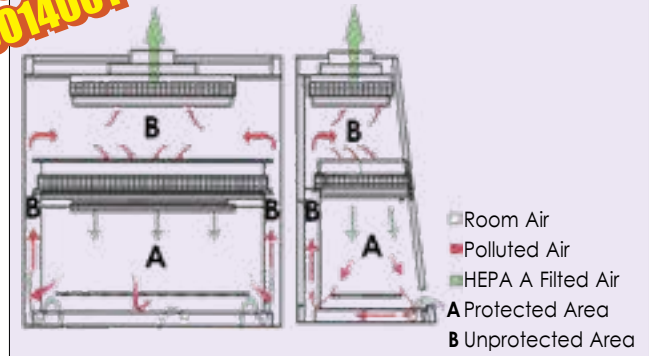
Model		BSC-85	BSC-86	BSC-87
External size (upper body) (WDH mm)		1100x740x1550	1421x850x1550mm	1886x750x1555
Internal size (WDH mm)		914x600x610	1220x665x650mm	1700x600x610
Base Stand		Optional: Adjustable height, range: 630mm-845mm		
Max Opening		450mm (20")		
Tested Opening		Safety Height ≤ 200mm (8")		
Average Airflow Velocity		Inflow Velocity: 0.53 m/s(105 fpm)		
		Downflow Velocity: 0.35 m/s(70 fpm)		
Airflow Volume	Inflow	349 m³/h (205 cfm)	465 m³/h (275 cfm)	649 m³/h (382 cfm)
	Down flow	61%: 550 m³/h (323 cfm)	67%: 956 m³/h (571 cfm)	61%: 1006 m³/h (592 cfm)
	Exhaust	39%: 349 m³/h (205 cfm)	33%: 465 m³/h (275 cfm)	39%: 649 m³/h (382 cfm)
HEPA Filter		Efficiency 99.999% at 0.3 um		
Noise		NSF 49 ≤ 61 dB / EN 12469 ≤ 58 dB		
Illumination		>850Lux		
Material		Working Area: 1.5mm 304 stainless steel and outside decorative plate		
		Frame: Cold-rolled steel sheets with electrostatic coating	Frame: Cold-rolled steel with anti-bacteria powder coating	Frame: Cold-rolled steel sheets with electrostatic coating
Motors		One ECM motor		
		Speed adjustable, high efficiency and low power consumption, 110V & 220V acceptable		
Glass Control		Manual	Motorized	Manual
Display		LCD	VFD	LCD
UV		18 W germicidal UV lamp	30 W germicidal UV lamp	40 W germicidal UV lamp
		Emission of 253.7 nanometers for most efficient decontamination		
Waterproof Socket		One, 5 holes, 500W(Max)		
Tap		Water Tap*1, Gas Tap*1		
Filter Guard Type		Aluminium Alloy		
Ground Resistance		< 0.10 Ω		
Consumption		260 W	400 W	300 W
Power Supply		AC 220V-110V, 50Hz/60Hz, Full load Amps: 9A, BTU/Hr. 1689		
Standard Accessory		Fluorescent lamp, UV lamp, 5m Power cord, Fuse tube(six), Base stand, SS water & gas taps		
Package Size (WxDxH)		1250x915x1890 mm	1600x1050x1870 mm	2040x915x1920 mm
Gross Weight		280 kg	330 kg	380 kg



BSC7IIA2/BSC11IIA2X/BSC13IIA2X/BSC15IIA2X/BSC18IIA2X, Class II

The Class II Biological Safety Cabinet is designed with inward air flow at a velocity to protect personnel, HEPA-filtered vertical laminar airflow for product protection, and HEPA-filtered exhausted air for environmental protection.

**CE, ISO13485
ISO9001, ISO14001**

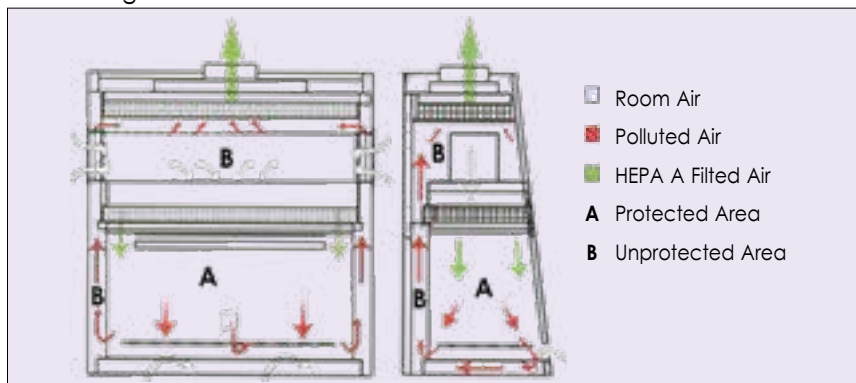


Model	BSC7IIA2	BSC11IIA2X	BSC13IIA2X	BSC15IIA2X	BSC18IIA2X
External size (WDH mm)	700x500x1200	1100x850x2200	1300x850x2200	1500x850x2265	1800x850x2300
Internal size (WDH mm)	600x400x580	900x600x660	1100x600x660	1300x600x660	1600x600x660
Tested Opening	Safety Height ≤200mm				
Max Opening	400mm				
Inflow velocity	0.53m/s				
Down Flow velocity	0.33m/s				
Filter	Two Hepa filter with 99.999% efficiency at 0.3 micros				
Front Window	Two-layer toughened glass >5mm				
Noise level	≤65dB				
Material	Work zone interior is made of 304 stainless steel. Body: epoxy coated cold rolled steel				
Base (Optional)	Height: 635mm				
Control system	Microprocessor				
Display	LED display	VFD display			
Airflow System	70% air recirculation, 30% air exhaust				
Caster Wheel	Universal Wheel	Directional Wheel			
Clean level	100				
Lightning	680Lux	800Lux			
UV lamp	15W x 1	20W x 1	20W x 1	30W x 1	30W x 1
Fluorescent lamp	40W x 1	21W x 1	21W x 1	28W x 2	28W x 2
Power (W)	800	1200			1500
Water & Gas Tap	0	Water Tap: 1 Gas Tap: 1			
Waterproof Socket	2				
Electrical	110V~ 240V/50Hz~60Hz (optional)				
Net weight (kg)	80	240	280	365	380
Gross weight (kg)	110	290	310	430	450
Package (mm)	950x850x1430	1250x1050x1870	1450x1050x1870	1640x1040x1860	1940x1050x1960
Standard Configuration	Body, UV & fluorescent Lamp	Body, Remote control, Foot switch, UV lamp & Fluorescent Lamp, Base Stand			
Optional Accessory	Armrest, Air curtain tester, Formalin fumigation sterilizer, Ammonium hydrogen carbonate neutralizer				



BSC11IIB2X/BSC13IIB2X/BSC15IIB2X, Class II

Class II B2 Biosafety Cabinets feature downflow air drawn from within the laboratory. No downflow air is drawn from the cabinet exhaust air. All downflow & inflow air is exhausted through a HEPA filter without recirculation within the cabinet. All contaminated ducts and plenums are maintained at negative pressure. The Type B2 Biosafety Cabinet may be used for work with volatile toxic chemicals and radionuclides as required as adjuncts to microbiological studies.



Exhaust Blower



Remote Control



LCD Display



VFD Display

Model	BSC11IIB2X	BSC13IIB2X	BSC15IIB2X	BSC18IIB2X
External size (WDH mm)	1100x750x2250	1300x750x2250	1500x760x2250	1873x775x2270
Internal size (WDH mm)	940x600x660	1150x600x660	1350x600x660	1700x600x660
Tested Opening	Safety Height ≤200mm (8")			
Max Opening	420mm (17")		500mm (20")	480mm (20")
low velocity / Down Flow velocity	0.53±0.025m/s / 0.33±0.025m/s			
Pre-filter / HEPA Filter	Washable / Two Hepa filter with 99.999% efficiency at 0.3 micros			
Front Window	Two-layer toughened glass >5mm unti UV			
Noise level	NSF 49 ≤61dB / EN 12469 ≤58dB			
Material	Work zone interior is made of 304 stainless steel. Body: expoxy coated cold rolled steel			
UV lamp	30W x 1	30W x 1	40W x 1	40W x 1
illuminating Lamp	LED Lamp 12Wx2	LED Lamp 14Wx2	LED Lamp 15Wx2	LED Lamp 16Wx2
illumination	1000Lux			
Consumption	700W	850W	900W	1200W
Display	LCD display: exhaust filter and downflow filter pressure, filter and UV lamp working time,inflow and downflow velocity, filter life, humidity and temperature, system working time etc.			
Control System	Microprocessor			
Airflow System	0% air re-circulation, 100% air exhaust			
Alarm	Abnormal airflow velocity; Filter replacement, Front window at unsafe height			
Exhaust Duct	4 meters PVC duct, Diameter: 300mm			
Material	Work Zone: 304 stainless steel Main Body: Cold-rolled steel with anti-bacteria powder coating			
Work Surface Height / Caster	750mm / Footmaster caster			
Power Supply	AC 220V±10%, 50/60Hz; 110V±10%, 60Hz (110V/60Hz is not applicable to BSC18IIB2X)			
Gross weight (kg)	246	276	302	408
Package (mm)	Main Body	1230x990x1810	1460x1050x1800	1650x990x1810
	Exhaust Blower	970x810x630	970x810x630	970x810x680

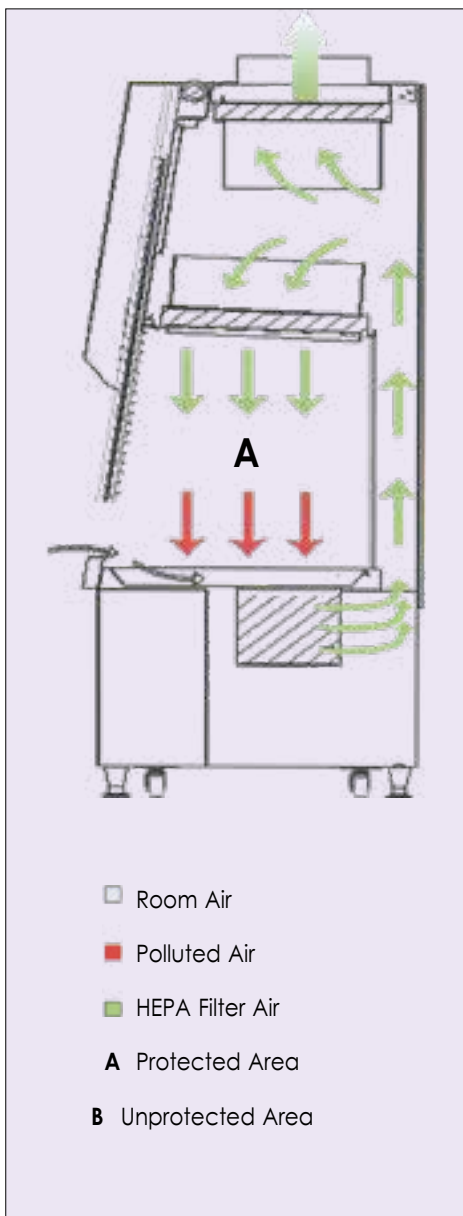
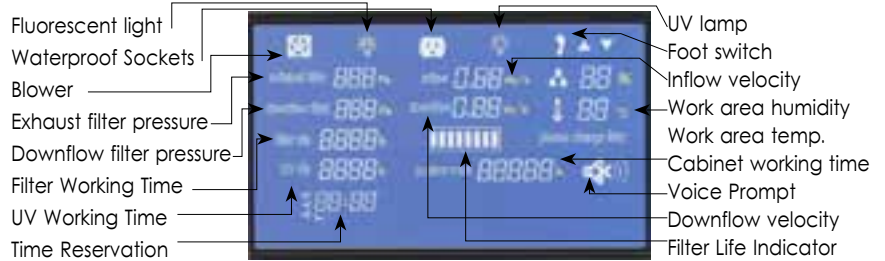


BSC-CY-4

BSC-CY-4, Class II Biosafety Cabinet

The MRC Cytotoxic Safety Cabinet is the premium solution for cytotoxic/antineoplastic drug processing, providing the highest level of patient, pharmacist and environmental protection. This revolutionary product builds on MRC's experience of more than 10 years as an expert in biosafety containment technology.

The unique demands of handling and preparing cytotoxic drugs for use in chemotherapy require a specialized cabinet. As cytotoxic drugs cannot be inactivated by chemical decontamination, Class II biosafety cabinets should not be used. With this in mind MRC has developed a highly specialized range of cabinets designed especially for handling these potentially dangerous drugs.



Model	BSC-CY-4	
Internal size (WDH mm)	1220x600x630 mm	
External size (WDH mm)	1370x760x2100 mm	
Tested Opening	Safety Height < 200mm	
Max Opening	480mm	
Average Airflow Velocity	Inflow: 0.46 m/s	
	Downflow: 0.33 m/s	
Internal Work Area, Space	0.73m ²	
Exhaust Volume With Thimble Duct	CBV Exhaust Volume	611 m ³ /h (360 cfm)
	Static Pressure at CBV	39 Pa / 0.15 in H ₂ O
Air Supply Filter	ULPA filter, efficiency 99.999% between 0.1~0.2 um	
Exhaust Filter	2 pieces ULPA filter, efficiency 99.999% between 0.1~0.2 um	
Front Window	Two-layer laminated toughened glass	
Noise	≤ 62 dB	
UV Lamp	30W*1	
fluorescent Lamp	28W*2	
Illumination	≥ 1000 Lux	
Consumption	≤ 700 W	
Water & Gas Tap	Water Tap* 1; Gas Tap*1	
Socket	2 Waterproof Socket: 2x250W (Max)	
Display	LCD Display	
Control System	Microprocessor	
Material	Work Area: 304 stainless steel	
	Main Body: Cold-rolled steel with anti-bacteria powder	
Caster	Universal wheel	
Power Supply	110/220V±10%, 50/60Hz	
Standard Accessory	Remote control, Foot switch, UV lamp, Fluorescent lamp, Waterproof socket	
Optional Accessory	Armrest, Air curtain tester, Formanlin fumigation sterilizer, Infrared Sterilizer	
Gross Weight	400kg	
Package Size (WxDxH)	1570x950x2220 mm	



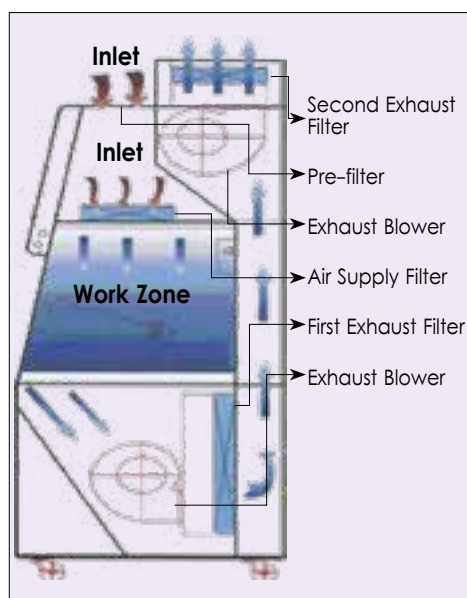
BSC15IIIIX

BSC11IIIIX

1. Power Switch.
2. Control Panel.
3. Pressure Meter.
4. Pass Box.
5. Gloves.
6. Draining Valve.



Pressure Meter



BSC15IIIIX, BSC11IIIIX, Class III

Class III Biosafety Cabinet is totally enclosed and gas-tight with ULPA filtered supply and exhaust air. Work is performed with long-sleeved gloves. The cabinet is kept under negative pressure of at least 120 Pa, and airflow is maintained by a dedicated exterior exhaust system. It can protect the operator, product and environment. It is designed for work with level 4 pathogens and provide an alternative to the positive-pressure suit made for maximum containment laboratories.

- Exhaust air is double-filtered through high-quality ULPA filters with typical efficiency of 99.999% for 0.12um particles, better than HEPA filters.
- An angled cabinet front ensures an ergonomic working posture.
- Cabinet operates at negative pressure relative to the laboratory in order to prevent migration of pathogenic materials out of the work area.
- It effectively sterilizes work area with UV installed inside.
- Different sizes upon request.

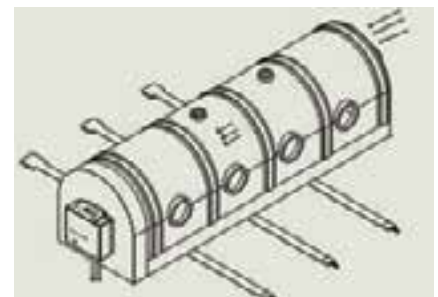
Model	BSC-11IIIIX	BSC-15IIIIX
External Size (WxDxH)	1100x800x1600 mm	1340x850x2100 mm
Internal Size (WxDxH)	750x560x600 mm	1240x650x650 mm
Pass Box Size (WxDxH)	Internal:390x380x330mm	Internal:400x390x340mm
	External:470x420x400mm	External:480x400x400mm
Gloves	One pair. 800 mm butyl rubber gloves	
Front Window	8 mm toughened glass, anti-ultraviolet radiation	
Display	LCD display	
Pre-filter	Polyester fibre, washable	
ULPA Filter	Air supply filter: Efficiency 99.999% at 0.12um	
	First exhaust filter: Efficiency 99.999% at 0.12um	
	Second exhaust filter: Efficiency 99.999% at 0.12um	
UV Lamp	20W*1, 8W*1	30W*1, 8W*1
Fluorescent Lamp	14W*1	28W*2
Noise	<63dB	
Airflow Volume	240-470 cfm	
Main Material	304 stainless steel	
Pressure	-120 Pa	
Alarm	Visual and Audio alarm	
Illumination	>800Lux	
Power Supply	110/220V±10%, 50/60Hz	
Consumption	400W	700W
Gross Weight	250kg	395kg
Package Size (WxDxH)	1380x950x1770 mm	2000x1000x2220 mm
Standard Accessory	UV lamp, Fluorescent lamp, Remote control, Gloves, Pressure meter, Drain valve	

BSC-F-1/2, Biological Isolation Chambers

Isolation chamber is equipped with its own negative pressure filtration system to provide maximum protection and operational safety for both the contaminated person or item and the operational team.

**BSC-F-1****Features:**

- The chamber negative pressure will be up to -15pa only in 2 minutes after power on.
- The Isolation chamber can be used with a stretcher, which will be easy to move the patient.
- The "all around" zipper system allows for the chamber to open completely giving easy operator accessibility.
- Isolation chamber complete with Batteries for up to 8 hours of continuous use before battery charge required.
- Isolation chamber is a fully collapsible unit that requires minimal storage space and is ready for use within seconds.
- The chamber liner is made from a special TPU film and strengthened by inserting ABS poles along each side of the structure.
- Belt system enables the patient to be fastened while in the chamber or the chamber is securely fastened to a stretcher or bed.
- The chamber has ten integrated glove portals on three sides to allow for easy access to the patient and two utility portals used for infusions and other medical equipment.

**ABS Poles****Negative Generation System****Zipper System****Utility Portals****Charger****HEPA Filter****Belt****Glove Portals**

Model	BSC-F-1	BSC-F-2
Unfolded Size (LxWxH)	1900x690x500mm	1000x500x500mm
HEPA Filter	4 pcs, 99.999% efficiency for 0.3μm particles	
Airflow Rate	67±10% (m³/h)	
Chamber Noise	<47dB(A)	
Alarm	Audio and visual alarm for internal pressure insufficient and low power	
Negative Pressure	Up to -15Pa in two minutes after power on	
Standard Accessories	The main chamber, 4pcs disposable HEPA filter, Negative generation system, 20pcs PVC gloves, Battery and charger	
Consumables	HEPA filter, PVC gloves	
Disinfection	Disinfect the isolation chamber for 6 hours with ethylene oxide gas (600mg/L) under the condition of temperature 54°C and relative humidity 80%	
Optional	Stretcher	
Load-bearing	Up to 150kg	
Power Supply	AC220V±10%, 50/60Hz; 110V±10%, 60Hz, Battery voltage: DC12V	
Package Size (LxWxH)	770x570x640mm (carton box)	770x570x540mm (carton box)
Net / Gross weight	18 / 20kg	15 / 18kg