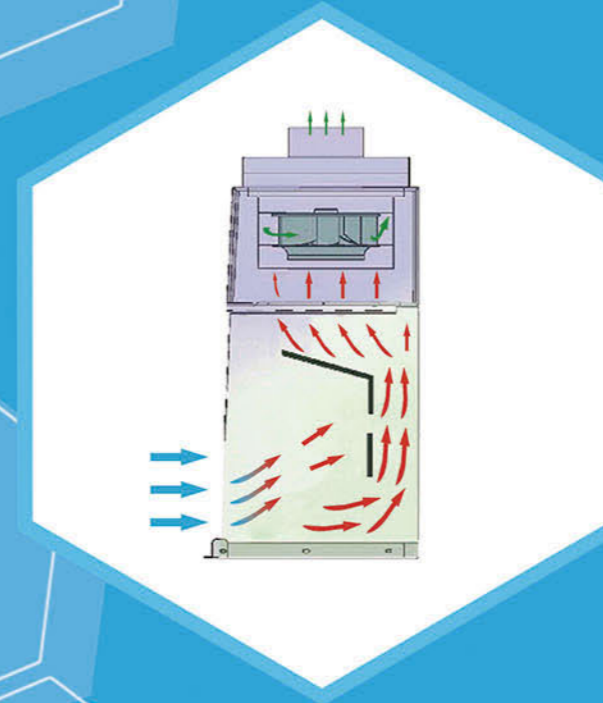


Fume Hood

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.

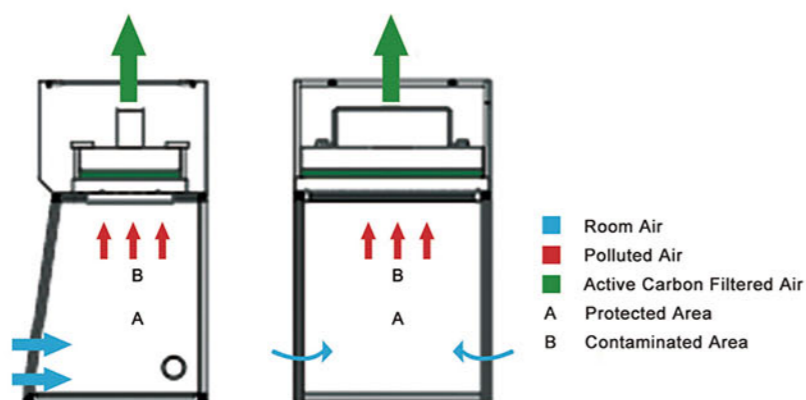


Ducted Fume Hood



Fume hood FH700: Negative pressure in work area protects operator and environment.

Air Flow Pattern:



LED Display
Digital LED display: Airflow Level



Folding acrylic front window, down part with free stop function



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



Base Stand
Optional

ADVANTAGE

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

Note: Experiments with strong acids and alkali, flammable or explosive substances cannot be conducted with this type fume hood.

TECHNICAL PARAMETERS

Model	FH700	
External Size(W*D*H)	700*620*1150mm	
Internal Size(W*D*H)	640*550*700mm	
Max Opening	660mm	
Air Velocity	0.3~0.8m/s	
Noise	≤60dB(A)	
LED Lamp	4W*2	
Blower	Built-in centrifugal blower; Speed adjustable	
Front Window	Folding acrylic window, down part with free stop function	
Material	Main Body	1.0mm cold-rolled steel with bacteria power coating
	Work Table	Chemical resistant phenolic resin
	Back&Side Windows	5mm toughened glass
Consumption	200W	
Power Supply	AC220V±10%, 50/60Hz; 110V±10%, 60Hz	
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 without Base Stand	45kg	
Gross Weight with Base Stand	60kg	
Package Size without Base Stand (W*D*H)	840*760*1400mm	
Package Size with Base Stand (W*D*H)	840*960*1400mm	



Ducted Fume Hood



ADVANTAGE

1. Adjustable air speed: 9 levels.
2. Microprocessor control system, LED display.
3. Resistant to moderate acid and alkali.
4. With memory function in case of power-failure.
5. Manual front glass window, height adjustable.
6. Built-in PP centrifugal blower; low noise, easy installation.

TECHNICAL PARAMETERS

Model	FH1000(E)	FH1200(E)	FH1500(E)	FH1800(E)	
External Size(W*D*H)	1000*800*2515mm	1200*800*2515mm	1500*800*2515mm	1800*800*2515mm	
Internal Size(W*D*H)	790*600*870mm	990 *600*870mm	1290*600*870mm	1590*600*870mm	
Work Surface Height	900mm				
Max Opening	750mm				
Air Velocity	0.3~0.8m/s				
System Exhaust Volume	570 m³/h	710 m³/h	930 m³/h	1140 m³/h	
Noise	≤68dB				
Exhaust Duct	PVC, Standard length: 4 meters φ300mm				
Pipe Strap	2 pcs				
LED Lamp	8W *1	12W *1	16W *1	16W *1	
Blower	Built-in PP centrifugal blower				
Front Window	Manual, 5mm toughened glass, height adjustable				
Power Supply	220V±10%, 60/50Hz; 110V±10%, 60Hz				
Consumption	400W	400W	500W	500W	
Material	Exterior	1.0mm cold-rolled steel with bacteria power coating.			
	Interior	High grade melamine board with good acid and alkali resistance function			
	Work table	Chemical resistant phenolic resin			
Standard Accessory	Water tap, Water sink, LED lamp, Total load of 2 waterproof sockets: 500W ,				
	Built-in PP blower, 4 meters PVC exhaust duct, pipe strap*2				
Optional Accessory	Gas tap				
Weight(Net/Gross)	250kg/270kg	275kg/300kg	300kg/330kg	330kg/365kg	
Package	Main Body	1140*940*1850mm	1340*940*1850mm	1640*940*1850mm	1940*940*1850mm
	Base Cabinet	1140*940*1050mm	1340*940*1050mm	1640*940*1050mm	1940*940*1050mm



LED Display
Digital LED display:
Airflow Level



Waterproof Socket



Universal Wheel



Water Remote Control



Water Tap



Water Tap & Water Sink



Ducted Fume Hood



LED Display



Waterproof Socket



Water&Gas Remote Control



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

ADVANTAGE

1. UV lamp for sterilization.
2. resistant to weak acid and alkali.
3. Adjustable air speed: 9 levels.
4. Motorized front window, height adjustable.
5. Microprocessor control system, LED display.
6. With memory function in case of power-failure.

TECHNICAL PARAMETERS

Model	FH1000(A)	FH1200(A)	FH1500(A)	FH1800(A)	
External Size (W*D*H)	1040*800*2200mm	1240*800*2200mm	1540*800*2200mm	1840*800*2200mm	
Internal Size (W*D*H)	820*670*730mm	1020*670*730mm	1320*670*730mm	1620*670*730mm	
Work Surface Height	850mm				
Max Opening	520mm				
Air Velocity	0.3~0.8m/s				
Noise	≤68dB				
Exhaust Duct	PVC, Standard length: 4 meters. Φ300mm				
LED Lamp	8W*1	12W*1	16W*1	16W*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	AC220V±10%, 50/60Hz; 110V±10%, 60Hz				
Consumption	400W	400W	500W	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	Chemical resistant phenolic resin			
Standard Accessories	UV lamp*2, LED lamp, Water tap, Gas tap, Water sink, Base cabinet				
	Total load of 2 waterproof sockets: 500W 4 meter PVC exhaust duct, pipe strap*2				
Optional Accessory	Active carbon filter				
Gross Weight	286kg	317kg	350kg	400kg	
Package	Main Body	1190*990*1690 mm	1390*990*1690 mm	1690*990*1690mm	1990*990*1690mm
	Base Cabinet	1190*990*980mm	1390*990*980mm	1690*970*970mm	1990*990*980mm



Ducted PP Fume Hood



LED Display



Waterproof Socket



PP Sink
resistant to acid,
alkali and anti-corrosion



Water&Gas
Remote Control

ADVANTAGE

1. It is safer to use anti-corrosive water tap.
2. Microprocessor control system, LED display.
3. With memory function in case of power-failure.
4. Made of porcelain white PP, resistant to acid, alkali and anti-corrosion.
5. 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.

TECHNICAL PARAMETERS

Model	FH1000(P)	FH1200(P)	FH1500(P)	FH1800(P)	
External Size (W*D*H)	1040*750*2200mm	1240*800*2200mm	1540*800*2200mm	1840*800*2200 mm	
Internal Size (W*D*H)	780*520*700mm	980*570*700mm	1280*570*700mm	1580*570*700 mm	
Work Surface Height	850mm				
Max Opening	740mm				
Air Velocity	0.3~0.8m/s				
Noise	≤68dB				
Illuminating Lamp	LED lamp				
	12W*1	30W*1	30W*2	36W*2	
Blower	Built-in PP centrifugal blower (2 blowers for FH1800(P) only); Speed adjustable				
Front Window	Resistant to acid and alkali, Manual, 5mm toughened glass, height adjustable				
Power Supply	AC220V±10%, 50/60Hz; 110V±10%, 60Hz				
Consumption	330W	360W	360W	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	Illuminating lamp, Water tap, Gas tap, Water Sink, Base cabinet Waterproof socket*2, 4 meters PVC duct (2 Pcs of 4 meters PVC duct for FH1800(P) only), Diameter: 250mm, PP centrifugal blower pipe strap*2 (4 Pcs for FH1800(P) only)				
Optional Accessory	PP work table, epoxy resin board or ceramic board Outer PVC centrifugal blower (only need to select when the duct more than 4m)				
Gross Weight	160kg	198kg	225kg	259kg	
Package Size (W*D*H)	Main Body	1190*890*1620mm	1390*940*1620mm	1690*940*1620mm	1990*940*1620mm
	Base Cabinet	1190*890*1040mm	1390*940*1040mm	1690*940*1040mm	1990*940*1040mm



Ductless Fume Hood



LED Display
Digital LED display: Airflow Level



**Water & Gas Tap
Water Sink**



Foot Switch
Use foot switch to adjust the height of front window.



Observation Window
Transparent side glass windows maximize light and visibility inside the cabinet.



Back Side Air Compensation
To avoid turbulence in work area

ADVANTAGE

1. UV lamp for sterilization.
2. Motorized front glass window.
3. Resistant to weak acid and alkali.
4. Adjustable air speed: 9 levels.
5. Alarm when filter working time 3500 hours.
6. With memory function in case of power-failure.
7. Back side air compensation, to avoid turbulence in work area.
8. 8°slope front ergonomics design, fatigue-free working posture.
9. Microprocessor control system, LED display shows filter working time.
10. Transparent side glass windows maximize light and visibility inside the cabinet, providing a bright and open working environment.

TECHNICAL PARAMETERS

Model	FH1000(X)	FH1200(X)	FH1500(X)	FH1800(X)
External Size (W*D*H)	1000*840*2150mm	1200*840*2150mm	1500*840*2150mm	1800*840*2150mm
Internal Size (W*D*H)	880*730*745mm	1080*730*745mm	1380*730*745mm	1680*730*745mm
Max Opening	520mm			
Work Surface Height	750mm			
Blower	Built-in centrifugal blower; Speed adjustable with 9 levels			
Air Velocity	0.3~0.8m/s			
Noise	≤68dB			
LED Lamp	8W*1	12W*1	16W*1	16W*1
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	1 pc	2 pcs	2 pcs	2 pcs
Power Supply	AC220V±10%, 50/60Hz; 110V±10%, 60Hz			
Consumption	400W	400W	500W	500W
Standard Accessories	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(W*D*H)	1150*1120*1680mm	1350*1120*1680mm	1650*1120*1680mm	1950*1120*1680mm

Ductless Fume Hood

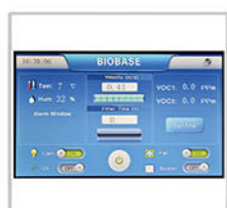


ADVANTAGE

1. LCD Touch screen control panel, easy to operate.
2. With memory function in case of power-failure
3. 8°slope front ergonomics design, fatigue-free working posture.
4. Temperature and humidity sensors, can detect indoor temperature and humidity.
5. Three side transparent Acrylic windows, front window reversal design, easy to operate.
6. Double-layers structure: 1mm sheet metal surface; Chemical resistant phenolic resin work table.
7. Electronic control system, anti-overload, anti-electric shock, stable performance, long service life.
8. Inside and outside probe, detect indoor air pollution and filter conditions. Audible and visual alarm for changing filter.

TECHNICAL PARAMETERS

Model	FH1000(C)	FH1200(C)	FH1500(C)	FH1800(C)
External Size (W*D*H)	1000*880*2140mm	1200*880*2140mm	1500*940*2140mm	1800*940*2140mm
Internal Size (W*D*H)	910*690*740mm	1110*690*740mm	1410*690*740mm	1710*690*740mm
Work Surface Height	900mm			
Max. Opening	650mm			
Air Velocity	0.25~0.35m/s			
Airflow Volume	105m³/h		325m³/h	415m³/h
Noise	≤55dB(A)			
Fluorescent Lamp	16W*2		16W*3	
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 Weight	290kg	310kg	380kg	410kg
Package Size (W*D*H)	1140*1040*2350mm	1350*1040*2350mm	1650*1110*2350mm	1950*1110*2350mm



LCD Display
LCD Touch Screen
Control Panel



**Waterproof
Socket**



**Water & Gas tap
reserve mouth**



Front Window
Front window reversal
design



**Explosion-proof
Fluorescent Lamp**



Walk-in Fume Hood



Water Sink



Water & Gas Remote Control Valve



Water & Gas Tap



Application



Application

ADVANTAGE

1. With memory function in case of power-failure.
2. Operators are available to walk into the fume hood to operate if need.
3. Large room exhaust system, suitable for large laboratory instruments and equipment.

TECHNICAL PARAMETERS

Model	FH1200(W)	FH1500(W)	FH1800(W)	
External Size (W*D*H)	1200*800*2200mm	1500*800*2200mm	1800*800*2200mm	
Internal Size (W*D*H)	980*600*1650mm	1280*600*1650mm	1580*600*1650mm	
Max Opening	1300mm			
Exhaust Airflow Volume	1150m ³ /h	1500m ³ /h	1850m ³ /h	
Inflow Air Velocity	0.3~0.8m/s			
Noise	62dB			
Vibration	XYZ direct ≤ 4μm			
Illumination	≥800Lux			
LED Lamp	12W*2	16W*2	16W*2	
Power Supply	AC220V±10%, 50/60Hz; 110V±10%, 60Hz			
Consumption	400W	600W	800W	
Front Window	Manual, Toughened glass			
Material	Exterior	1.0mm cold-rolled steel with bacteria powder coating.		
	Interior	High grade melamine board with good acid and alkali resistance function		
Standard Accessory	Blower(External), LED lamp, Water tap, Gas tap, PP cup sink, Remote control water valve, Remote control gas valve, Waterproof sockets*4, 4 meters PVC exhaust duct			
Sockets	Total load of 4 waterproof sockets: ≤500W			
Package Size (W*D*H)	Main Body	1400*1050*2430mm	1710*1050*2430mm	2010*1050*2430mm
	Exhaust Blower	970*810*720mm	970*810*720mm	970*810*720mm