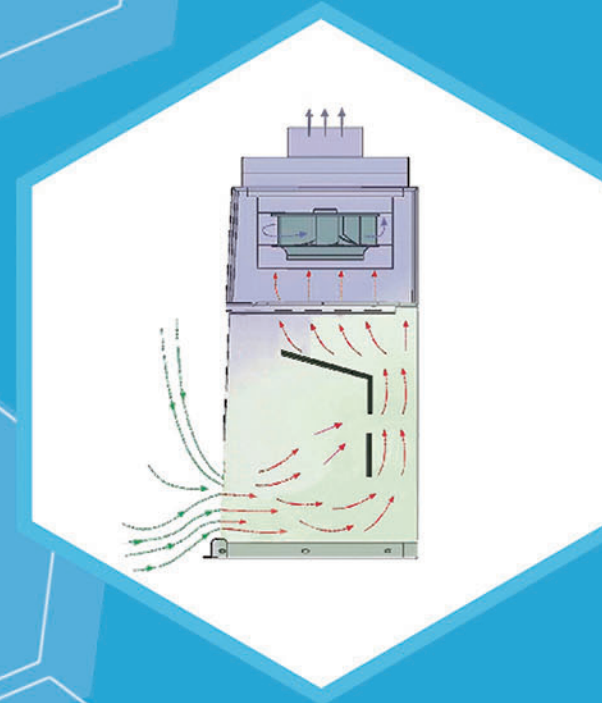


Fume Hood

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.



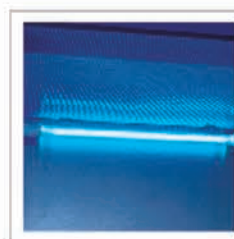
Fume Hood



LED Display
Digital LED display: Airflow Level



Water&Gas Tap
Water Sink



UV Lamp
Emission of 253.7 nanometers for most efficient decontamination.



Double Layers
1.2mm sheet metal surface,
melamine board inward

ADVANTAGE

1. UV Lamp for sterilization.
2. Built-in centrifugal blower.
3. Motorized front glass window.
4. Adjustable air speed: 9 levels.
5. Microprocessor control system, LED display.
6. Double-layer structure: 1.2mm sheet metal surface, melamine board inward.

TECHNICAL PARAMETERS

Model		FH1000	FH1200	FH1500	FH1800
External Size (W*D*H)		1000*750*2320mm	1200*800*2345mm	1500*800*2345mm	1800*800*2345mm
Internal Size (W*D*H)		820*620*750mm	1020*670*750mm	1320*670*750mm	1620*670*750mm
Work Surface Height		850mm			
Max Opening		520mm	570mm	570mm	570mm
Air Velocity		0.3~0.8m/s			
Protection Class		Class I			
Protection Type		IP 20			
Noise		≤60dB			
Exhaust Duct		PVC, Standard length: 4 meters. Φ300mm			
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		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			
Stand Accessory		UV lamp*2, Fluorescent lamp, Water tap, Gas tap, Water sink, Base cabinet, Pipe strap Total load of 2 waterproof sockets: 500W 4 meters PVC exhaust duct			
Optional Accessory		Active carbon filter			
Gross Weight		272kg	302kg	331kg	366kg
Package	Main Body	1150*900*1870mm	1350*950*1920mm	1650*950*1890mm	1950*950*1900mm
	Base Cabinet	1150*900*960mm	1350*950*900mm	1650*960*910mm	1950*960*910mm



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. Adjustable air speed: 9 levels.
4. Alarm when filter working time 3500 hours.
5. With air velocity memory function in case of power failure.
6. Back side air compensation, to avoid turbulence in work area.
7. 10°slope front ergonomics design, fatigue-free working posture.
8. Microprocessor control system, LED display shows filter working time .
9. 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	≤60dB			
Fluorescent Lamp	18W*1	18W*1	36W*1	36W*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			
Power Supply	AC220V±10%, 50/60Hz; 110V±10%, 60Hz			
Consumption	400W	400W	500W	500W
Stand Accessory	Water tap, Gas tap, Water sink, Base stand, UV lamp*2, Fluorescent lamp. FH1000(X) with one waterproof socket consumption not more than 500W, the rest models with two waterproof sockets consumption not more than 500W, 4 meters exhaust duct, Active carbon filter, Foot switch			
Gross Weight	230kg	253kg	280kg	340kg
Package Size(W*D*H)	1230*1120*1680mm	1350*1120*1680mm	1650*1120*1680mm	1950*1120*1680mm



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. Adjustable air speed: 9 levels.
3. Motorized front window, height adjustable.
4. Microprocessor control system, LED display.

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		500mm			
Air Velocity		0.3~0.8m/s			
Noise		≤60dB			
Exhaust Duct		PVC, Standard length: 4 meters. Φ300mm			
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		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 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	Main Body	1190*990*1690 mm	1390*990*1690 mm	1690*990*1690mm	1990*990*1690mm
	Base Cabinet	1290*990*980mm	1390*990*980mm	1690*970*970mm	1990*990*980mm



Walk-in Fume Hood



Water Sink



Water & Gas Remote
Control Valve



Application



Water & Gas Tap



Application

ADVANTAGE

1. Operators are available to walk into the fume hood to operator if needed.
2. 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*850*2200mm	1500*850*2200mm	1800*850*2200mm
Internal Size (W*D*H)		1000*650*1500mm	1300*650*1500mm	1600*650*1500mm
Max Opening		1150mm		
Exhaust Airflow Volume		1150m³/h	1500m³/h	1850m³/h
Inflow Air Velocity		≥0.4m/s		
Noise		62dB		
Vibration		XYZ direct ≤ 4μm		
Illumination		≥800Lux		
Fluorescent Lamp		21W*2	28W*2	40W*2
Power Supply		AC220V±10%, 50/60Hz; 110V±10%, 60Hz		
Consumption		400W	500W	500W
Front Window		Manual, Toughened glass, Anti UV		
Material	Exterior	1.2mm cold-rolled steel with bacteria powder coating.		
	Interior	High grade melamine board with good acid and alkali resistance function		
Standard Accessory		Blower(External), Fluorescent lamp, Water tap, Gas tap, PP cup sink, Remote control water valve, Remote control gas valve, Waterproof sockets*4. Ø300mm PVC Duct		
Sockets		Total load of 4 waterproof sockets: ≤500W		
Package Size(W*D*H)		1410*1050*2430mm	1710*1050*2430mm	2010*1050*2430mm
Exhaust Blower		970*810*580mm	970*810*580mm	970*810*580mm



PP Fume Hood



LCD Display



PP Sink
resistant to strong
acid, alkali and
anti-corrosion



Waterproof Socket



Water&Gas
Remote Control

ADVANTAGE

1. It is safer to use anti-corrosive water tap.
2. Microprocessor control system, LCD display.
3. Made of porcelain white PP, resistant to strong acid, alkali and anti-corrosion.
4. 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)		820*520*872mm	1020*570*872mm	1320*570*872mm	1620*570*872 mm
Work Surface Height		700mm			
Max Opening		815mm			
Air Velocity		0.4~0.6m/s			
Noise		≤60dB			
Fluorescent Lamp		12W*1	30W*2	30W*2	30W*2
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	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		Fluorescent lamp, Water tap, Gas tap, Water Sink, Base cabinet			
		Waterproof socket*2 4 meters 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 (W*D*H)	Main Body	1150*900*1870mm	1310*885*1575mm	1610*885*1575mm	1910*885*1575mm
	Base Cabinet	1110*790*950mm	1310*840*950mm	1610*840*950mm	1910*840*1575mm