

Fume Hood



LED Display
Digital LED display: Airflow Level



UV Lamp
Emission of 253.7 nanometers for most efficient decontamination.



**Water&Gas Tap
Water Sink**



Double Layers
1.2mm sheet metal surface, melamine board inward

ADVANTAGE

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

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		110/220V±10%, 60/50Hz			
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	Solid chemical resistant physiochemical board			
Standard Accessory		UV lamp*2, Fluorescent lamp, Water tap, Gas tap, Water sink, Base cabinet, Pipe strap.			
		Total load of 2 waterproof sockets: 1000W			
		4 meters PVC exhaust duct			
Optional Accessory		Active carbon filter or HEPA filter			
Gross Weight		230kg	270kg	370kg	420kg
Package	Main Body	1140*900*1850 mm	1340*940*1890mm	1640*940*1890mm	1940*940*1890mm
	Base Cabinet	1140*900*900mm	1340*940*900mm	1640*940*900mm	1940*940*900mm

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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. Back side air compensation, to avoid turbulence in work area.
2. Microprocessor control system, LED display.
3. Adjustable air speed: 9 levels.
4. Motorized front glass window.
5. UV Lamp for sterilization.
6. Transparent side glass windows maximize light and visibility inside the cabinet, providing a bright and open working environment.
7. 10° slope front ergonomics design, fatigue-free working posture.

TECHNICAL PARAMETERS

Model	FH1000(X)	FH1200(X)	FH1500(X)	FH1800(X)
External Size (W*D*H)	1000*800*2200mm	1200*800*2200mm	1500*800*2200mm	1800*800*2200mm
Internal Size (W*D*H)	880*730*745mm	1080*730*745mm	1380*730*745mm	1680*730*745mm
Max Opening	520mm			
Work Surface Height	850mm			
Blower	Built-in centrifugal blowers; 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-ultraviolet radiation			
Material	Exterior Body: Cold-rolled steel with anti-bacteria powder coating. Work table: Solid chemical-resistant physiochemical board			
Power Supply	110/220V±10%, 60/50Hz			
Consumption	300W	300W	400W	500W
Standard Accessory	Water tap, Gas tap, Water sink, Base stand, UV Lamp*2, fluorescent Total load of 2 waterproof sockets: 1000W 4 meters exhaust duct Active carbon filter Foot switch			
Gross Weight	230kg	320kg	370kg	420kg
Package Size(W*D*H)	1250x1160x1700mm	1360x1240x1650mm	1640*1110*1670mm	1940*1110*1670mm



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LED Display
Digital LED display: Airflow Level



Water&Gas Remote Control



Water&Gas Tap



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

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		≤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		110/220V±10%, 60/50Hz			
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	Solid chemical resistant physiochemical board			
Standard Accessory		UV lamp*2, Fluorescent lamp, Water tap, Gas tap, Water sink, Base cabinet			
		Total load of 2 waterproof sockets: 1000W			
		4-meter PVC exhaust duct, pipe strap			
Optional Accessory		Active carbon filter or HEPA filter			
Gross Weight		230kg	270kg	370kg	420kg
Package	Main Body	1180*900*1750 mm	1380*940*1790mm	1680*940*1790mm	1980*940*1790mm
	Base Cabinet	1180*900*900mm	1380*940*900mm	1680*940*900mm	1980*940*900mm

Walk-in Fume Hood



Water Sink



Water & Gas Remote Control Valve



Application



Water & Gas Tap



Application

INTRODUCTION

Walk-in fume hood supplies exhaust system for large laboratory instruments and equipment. Meanwhile, operators can walk into the fume hood to operate the equipment conveniently and directly. It is widely used in following areas:

- ◆ Hospitals & Pharmaceutical
- ◆ Education Institutions
- ◆ Other Industrial Projects
- ◆ R & D Centers
- ◆ Petroleum & Petrochemical Plants

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		110/220V±10%, 60/50Hz		
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.		
Sockets		Total load of 4 waterproof sockets: ≤1000W		
Optional Accessory		Ø300mm PVC Duct		
Package Size(W*D*H)		1400*1030*2500mm	1700*1030*2500mm	2000*1030*2500mm

PP Fume Hood



Water&Gas
Remote Control



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



Waterproof Socket



Work Zone, made of
Solid chemical
resistant
physiochemical board

INTRODUCTION

PP Fume Hood has the characteristic of resistance to strong acid, alkali and anti-corrosion. It is applicable to various kinds of laboratories with high requirement for cleanliness, for example: pharmaceutical laboratory, food laboratory, semiconductor laboratory, trace metal laboratory, biology laboratory, etc. It is widely used in following areas:

- ◆ Chemical Industry
- ◆ Automobile Factory&Steel plant
- ◆ Medical Science
- ◆ Educational Institutions

ADVANTAGE

1. Made of porcelain white PP, resistant to strong acid, alkali and anti-corrosion.
2. 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.
3. It is safer to use anti-corrosive water tap.
4. Microprocessor control system, LCD display.

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		30W*1			
Blower		Built-in axial flow blower; Speed adjustable.			
Front Window		Manual, 5mm toughened glass, height adjustable .			
Power Supply		110/220V±10%, 50/60Hz			
Consumption		300W			
Material	Main Body	Made of Porcelain white PP, thickness 8mm, resistant to strong acid, alkali and anti-corrosion			
	Work Table	Solid chemical resistant physiochemical board			
Standard Accessory		Fluorescent lamp, Water tap, Gas tap, Water Sink, Base stand			
		Waterproof socket*2			
		4-meter PVC exhaust duct, pipe strap			
Optional Accessory		PP work table, epoxy resin board or ceramic board.			
		Outer centrifugal blower, resistant to strong acid, alkali.			
Gross Weight		157kg	198kg	225kg	259kg
Package Size (W*D*H)	Main Body	1100*810*1750 mm	1300*860*1750 mm	1600*860*1750 mm	1900*860*1750 mm
	Base Cabinet	1100*810*950 mm	1300*860*950 mm	1600*860*950 mm	1900*860*950 mm