



# Fume Hood

/ Laboratory and Processing Equipment



**LAB1ST** / Laboratory and Processing Equipment

Labfirst Scientific Instruments (Shanghai) Co., Ltd

☎ +86-13524020331 (China)

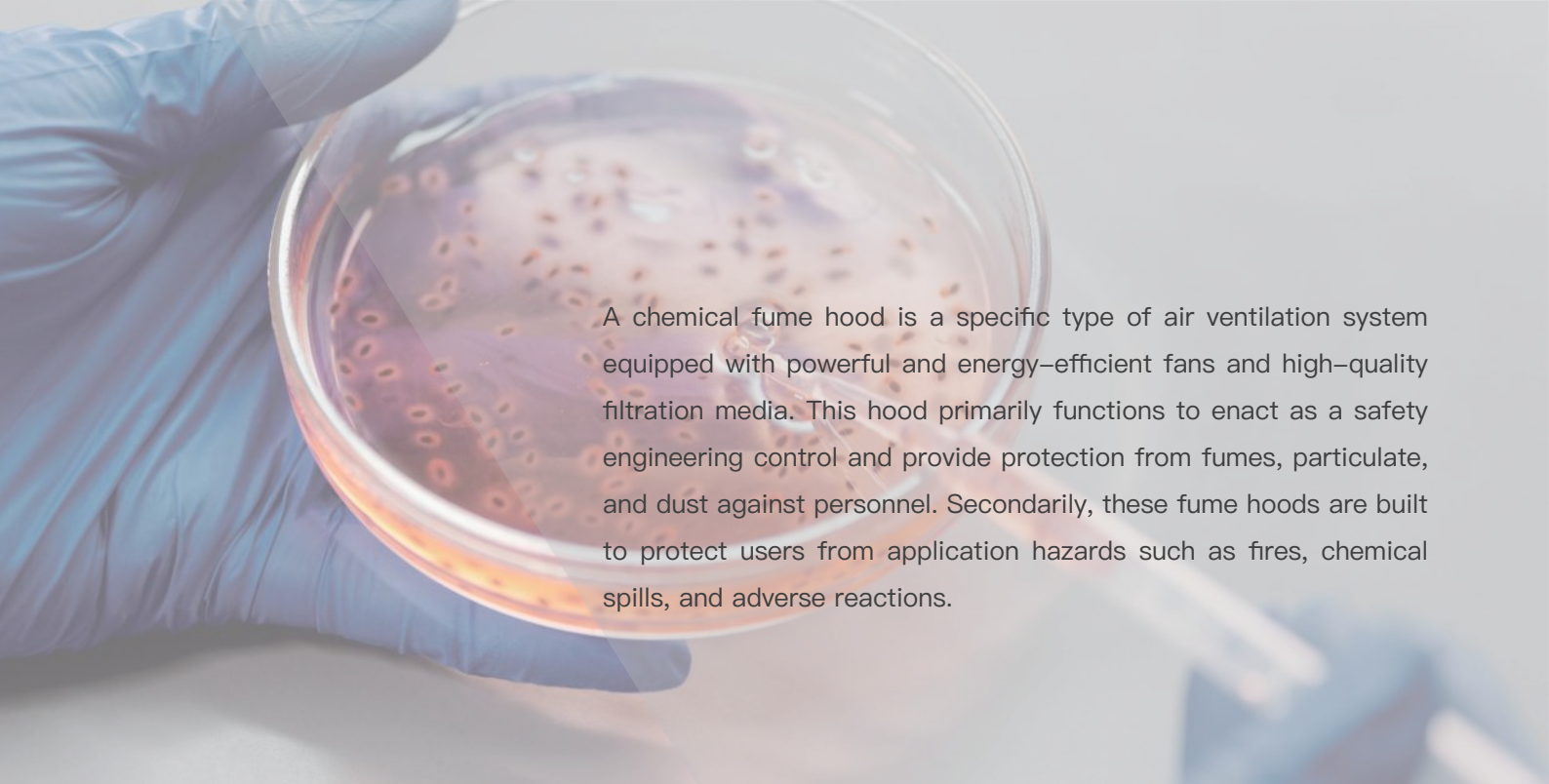
+1-844-452-2178 (USA)

✉ sales@lab1st.com

🌐 www.lab1st.com

📘 lab1st

📷 lab1st\_extraction



A chemical fume hood is a specific type of air ventilation system equipped with powerful and energy-efficient fans and high-quality filtration media. This hood primarily functions to enact as a safety engineering control and provide protection from fumes, particulate, and dust against personnel. Secondly, these fume hoods are built to protect users from application hazards such as fires, chemical spills, and adverse reactions.




Lab1st provide both ducted and recirculating (ductless) fume hoods. The principle is the same for both types: air is drawn in from the front (open) side of the cabinet, and either expelled outside the building or made safe through filtration and fed back into the room.

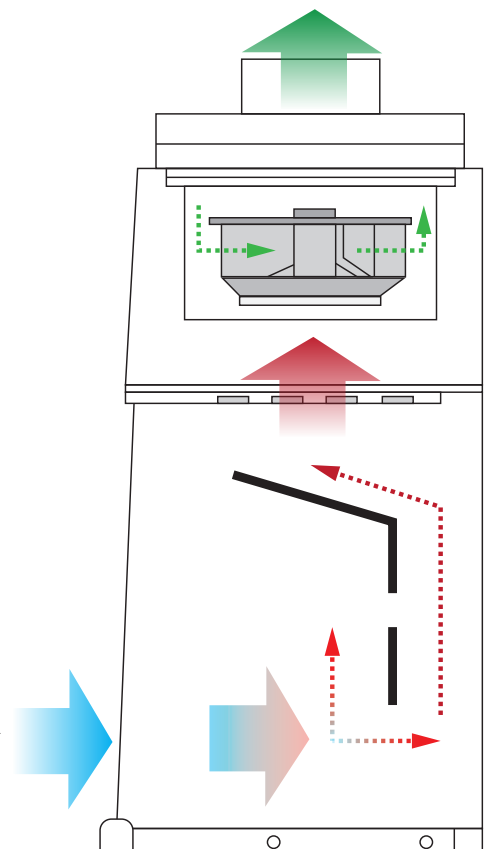


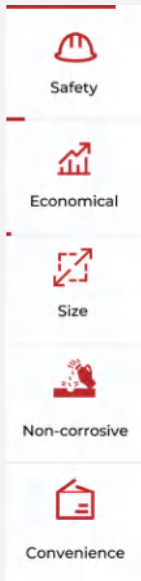
**Ducted fume hood** should connect to a remote exhaust system to safely ventilate outside the building. It employ multiple filters (optional) and a strong fan. It's suitable when there's a potential for being exposed to high volumes of particulate and toxic fumes.



**Ductless fume hoods** capture and remove contaminants and send clean, filtered air back into the lab without the need for external venting. Its air filtration systems are designed to keep harmful airborne contaminants away from the operator's respiratory zone while they work within the hood.

-  Room Air
-  Polluted Air
-  Active Carbon Filtered Air
- A** Protected Area
- B** Contaminated Area

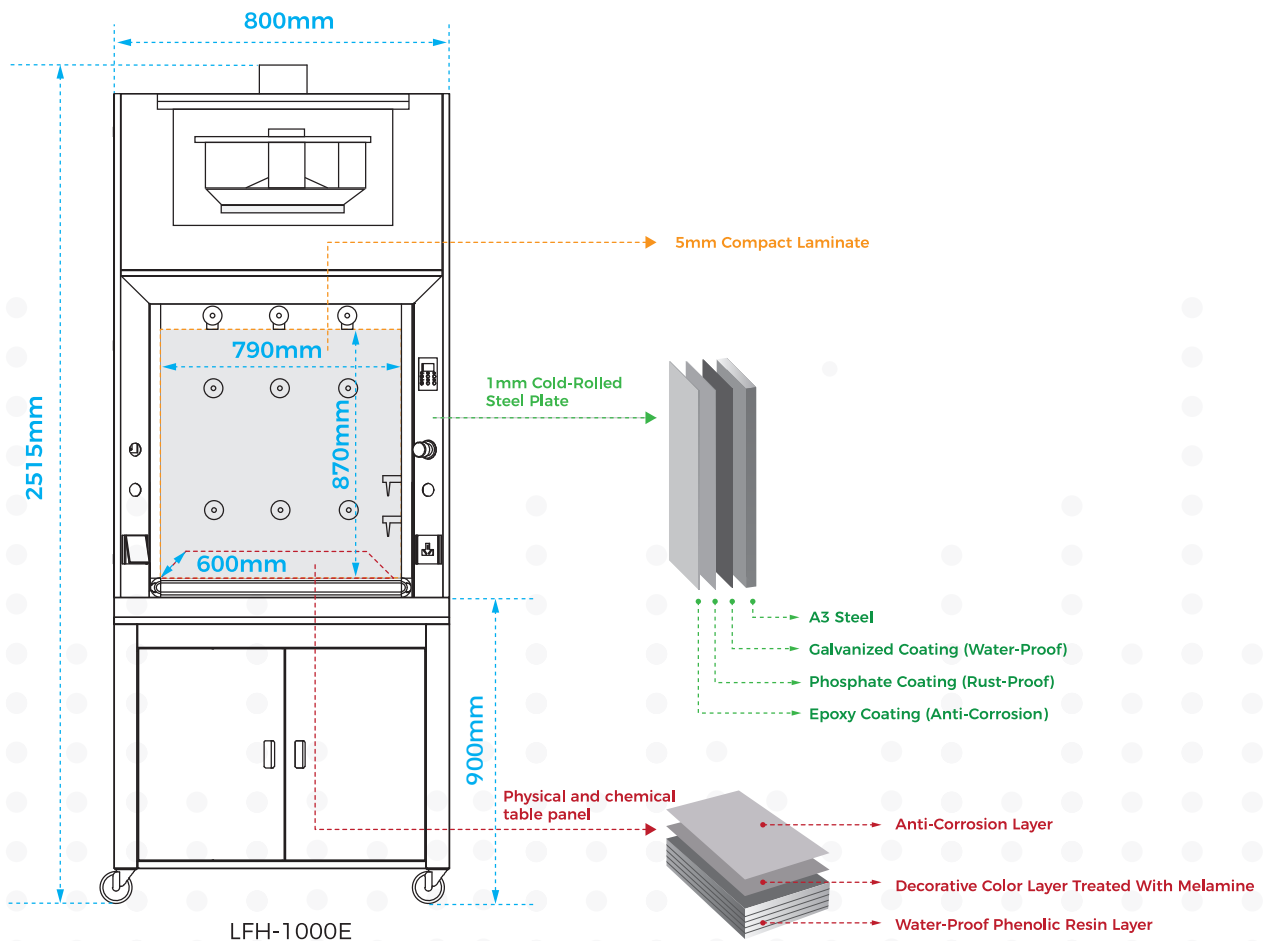




All Lab1st fume hoods are equipped with microprocessor control system, LED display, memory function in case of power-failure and LED lamp for illumination.

They all meet the international safe standards for face velocity 0.3~0.8m/s.

To meet different needs and requirements, below seven series for your choices.





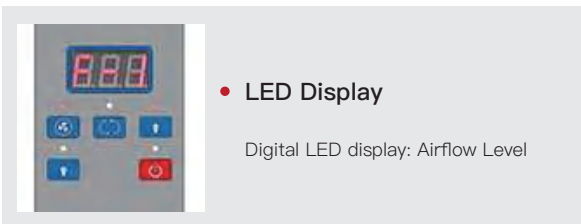
## Benchtop Ducted Fume Hood

Available: 25"



- Folding acrylic front window, down part with free stop function.
- Built-in centrifugal blower.
- 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.



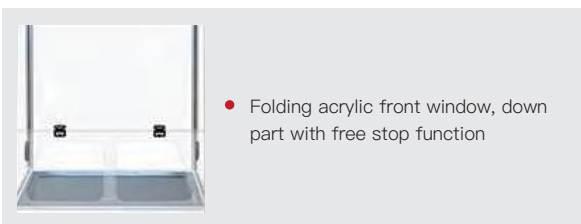
- **LED Display**

Digital LED display: Airflow Level

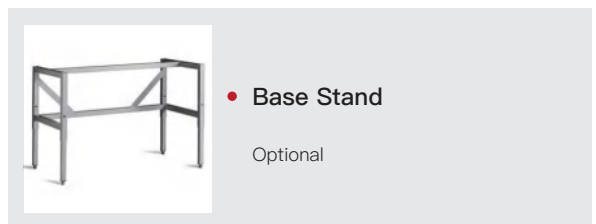


- **Three Side Glass Windows**

Back&Side glass windows maxi-mize light and visibility, providing a bright and open working environment



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



- **Base Stand**

Optional

## LFH Series (Ducted, benchtop)

Model	LFH-2	
External Size (WxDxH)	700×620×1150mm 27.6"×24.4"×45.3"	
Internal Size (WxDxH)	640×550×700mm 25.2"×21.7"×27.6"	
Max Opening	660mm(26.0")	
Air Velocity	0.3~0.8m/s	
Noise	≤65dB	
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, 4.3 meters PVC exhaust duct, Pipe strap	
Optional Accessory	15W UV lamp, HEPA filter, Base stand	
Gross Weight without Base Stand	100Kg	
Gross Weight with Base Stand	115Kg	
Package Size without Base Stand (WxDxH)	840×760×1400mm 33.1"×30.0"×55.1"	
Package Size with Base Stand (WxDxH)	840×960×1400mm 33.1"×37.8"×55.1"	

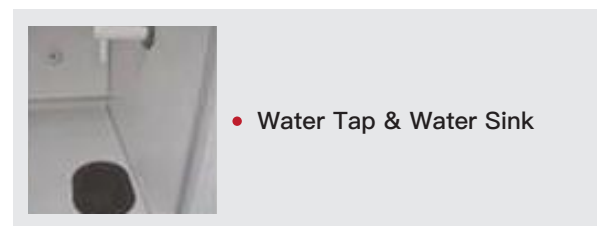
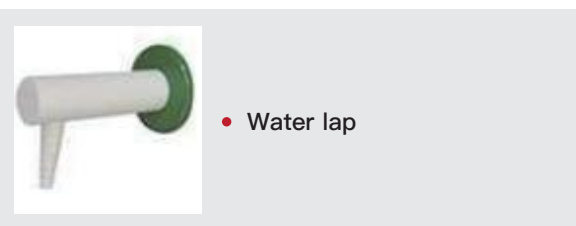
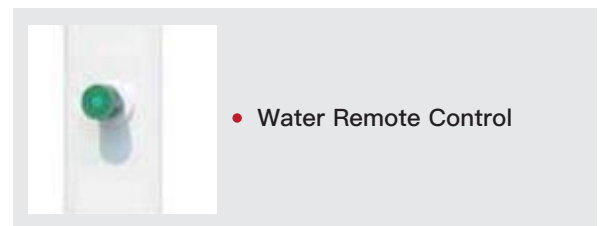
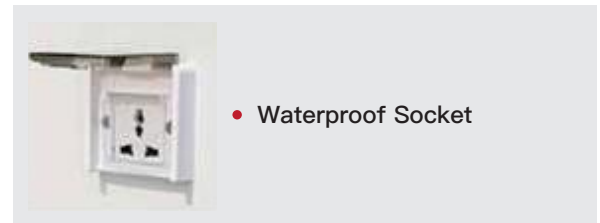
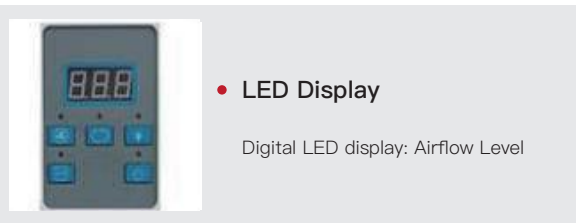


## Economical Ducted Fume Hood

Available: 31", 39", 51", 63"



- Adjustable air speed: 9 levels.
- Resistant to moderate acid and alkali.
- Manual front glass window, height adjustable.
- Built-in PP centrifugal blower; low noise, easy installation.



## LFH-E Series (Ducted, economical)

Model		LFH-3E	LFH-4E
External Size (WxDxH)		1000x800x2515mm 39.4"x31.5"x99.0"	1200x800x2515mm 47.2"x31.5"x99.0"
Internal Size (WxDxH)		790x600x870mm 31.1"x23.6"x34.3"	990 x600x870mm 39.0"x23.6"x34.3"
Work Surface Height		900mm(35.4")	
Max Opening		750mm(29.5")	
Air Velocity		0.3~0.8m/s	
System Exhaust Volume		570 m <sup>3</sup> /h	710 m <sup>3</sup> /h
Noise		≤68dB	
Exhaust Duct		PVC, Standard length; 4.3 meters, Ø300mm	
Pipe Strap		2 pcs	
LED Lamp		20Wx1	20Wx1
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
Material	Exterior	1.0mm cold-rolled steel with bacteria power coating.	
	Interior	Compact laminate board with good acid and alkali resistance function	
	Work table	Chemical resistant phenolic resin	
Standard Accessory		PP Water sink. Total load of 2 waterproof sockets: 500w. Base cabinet. Water tap. 4 meters Exhaust duct(Ø300mm).	
Optional Accessory		Air supply flow control valve, gas faucet.	
Gross Weight		270kg	305kg
Package	Main Body	1140x940x1900mm 44.9"x37.0"x74.8"	1340x940x1900mm 52.8"x37.0"x74.8"
	Base Cabinet	1140x940x1050mm 44.9"x37.0"x41.3"	1340x940x1050mm 52.8"x37.0"x41.3"

## LFH-E Series (Ducted, economical)

Model		LFH-5E	LFH-6E
External Size (WxDxH)		1500×800×2515mm 59.1"×31.5"×99.0"	1800×800×2515mm 70.9"×31.5"×99.0"
Internal Size (WxDxH)		1290×600×870mm 50.8"×23.6"×34.3"	1590×600×870mm 62.6"×23.6"×34.3"
Work Surface Height		900mm(35.4")	
Max Opening		750mm(29.5")	
Air Velocity		0.3~0.8m/s	
System Exhaust Volume		930 m <sup>3</sup> /h	1140 m <sup>3</sup> /h
Noise		≤68dB	
Exhaust Duct		PVC, Standard length; 4.3 meters, Ø300mm	
Pipe Strap		2 pcs	
LED Lamp		40W x1	40W x1
Blower		Built-in PP centrifugal blower	
Front Window		Manual, 5mm toughened glass, height adjustable	
Power Supply		220V±10%, 60/50HZ ; 110V±10%, 60Hz	
Consumption		500W	500W
Material	Exterior	1.0mm cold-rolled steel with bacteria power coating.	
	Interior	Compact laminate board with good acid and alkali resistance function	
	Work table	Chemical resistant phenolic resin	
Standard Accessory		PP Water sink. Total load of 2 waterproof sockets: 500w. Base cabinet. Water tap. 4 meters Exhaust duct(Ø300mm).	
Optional Accessory		Air supply flow control valve, gas faucet.	
Gross Weight		335kg	365kg
Package	Main Body	1640×940×1900mm 64.6"×37.0"×74.8"	1940×940×1900mm 76.4"×37.0"×74.8"
	Base Cabinet	1640×940×1050mm 64.6"×37.0"×41.3"	1940×940×1050mm 76.4"×37.0"×41.3"



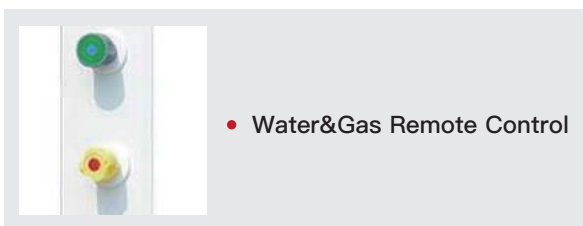
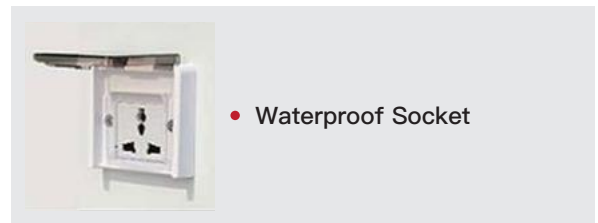
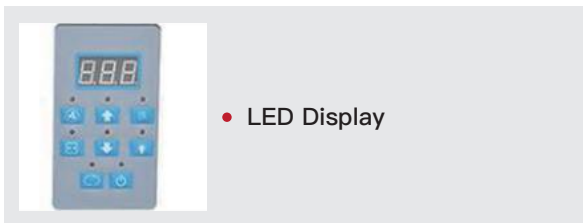


## Vertical Ducted Fume Hood

Available: 32", 40", 52", 64"



- UV lamp for sterilization.
- Resistant to weak acid and alkali.
- Adjustable air speed: 9 levels.



## LFH-A Series (Ducted, vertical)

Model		LFH-3A	LFH-4A
External Size (WxDxH)		1040×800×2200mm 40.9"×31.5"×86.6"	1240×800×2200mm 48.8"×31.5"×86.6"
Internal Size (WxDxH)		820×670×730mm 32.3"×26.4"×28.7"	1020×670×730mm 40.2"×26.4"×28.7"
Work Surface Height		850mm(33.5")	
Max Opening		520mm(20.5")	
Air Velocity		0.3~0.8m/s	
Noise		≤68dB	
Exhaust Duct		PVC, Standard length: 4 meters.	
LED Lamp		Ø300mm	
		8W×1	12W×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
Material	Exterior	Cold-rolled steel with anti-bacteria powder coating.	
	Interior	Compact laminate 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	
		4.3 meter PVC exhaust duct, pipe strap×2	
Optional Accessory		Active carbon filter, HEPA filter	
Gross Weight		286Kg	317Kg
Package Size	Main Body	1190×990×1690 mm 46.9"×39.0"×66.5"	1390×990×1690 mm 54.7"×39.0"×66.5"
	Base Cabinet	1190×990×900mm 46.9"×39.0"×35.4"	1390×990×900mm 54.7"×39.0"×35.4"

## LFH-A Series (Ducted, vertical)

Model		LFH-5A	LFH-6A
External Size (WxDxH)		1540×800×2200mm 60.6"×31.5"×86.6"	1840×800×2200mm 72.4"×31.5"×86.6"
Internal Size (WxDxH)		1320×670×730mm 52.0"×26.4"×28.7"	1620×670×730mm 63.8"×26.4"×28.7"
Work Surface Height		850mm(33.5")	
Max Opening		520mm(20.5")	
Air Velocity		0.3~0.8m/s	
Noise		≤68dB	
Exhaust Duct		PVC, Standard length: 4 meters.	
LED Lamp		Ø300mm	
		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		500W	500W
Material	Exterior	Cold-rolled steel with anti-bacteria powder coating.	
	Interior	Compact laminate 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	
		4.3 meter PVC exhaust duct, pipe strap×2	
Optional Accessory		Active carbon filter, HEPA filter	
Gross Weight		350Kg	400Kg
Package Size	Main Body	1690×990×1690mm 66.5"×39.0"×66.5"	1990×990×1690mm 78.3"×39.0"×66.5"
	Base Cabinet	1690×990×900mm 66.5"×39.0"×35.4"	1990×990×900mm 78.3"×39.0"×35.4"



## PP Ducted Fume Hood

Available: 31", 39", 51", 62"



- It is safer to use anti-corrosive water tap.
- Microprocessor control system, LED display.
- With memory function in case of power-failure.
- Made of porcelain white PP, resistant to acid, alkali and anti-corrosion.
- Front window which is made of 5mm thick transparent toughened glass maximize light and visibility inside the fume hood, providing a bright and open working environment.



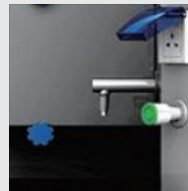
- LED Display



- Waterproof Socket



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



- Water&Gas Remote Control

## LFH-P Series (Ducted, Porcelain white PP)

Model		LFH-3P	LFH-4P
External Size (WxDxH)		1047×800×2450mm 41.2"×31.5"×96.5"	1247×800×2450mm 49.1"×31.5"×96.5"
Internal Size (WxDxH)		787×560×700mm 31.0"×22.0"×27.6"	987×560×700mm 38.9"×22.0"×27.6"
Work Surface Height		820mm(32.3")	
Max Opening		740mm(29.1")	
Air Velocity		0.3~0.8m/s	
Noise		≤68dB	
Exhaust Duct		4.3meters, Ø250mm	
LED Lamp		12W×2	12W×2
Blower		Built-in PP centrifugal blower (2 blowers for LFH-6P 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		400W	400W
Material	Main Body	Made of Porcelain white PP, thickness 8mm, resistant to strong acid, alkali and anti-corrosion	
	Base Cabinet	Chemical resistant phenolic resin	
Standard Accessory		LED light; Work table: Chemical resistant phenolic resin; 4.3 meters PVC duct ( 2 Pcs of 4.3 meters PVC duct for LFH-6P only ), Diameter: 250mm; Pipe strap*2(4 Pcs for LFH-6P only); RW power cord (3*1.0mm2*3000mm); Base cabinet; Waterproof socket*2; Tail insert; Water tap(PP); Gas tap(PP); Water Sink; PP centrifugal blower*1(2 for LFH-6P only)	
Optional Accessory		PP work table, epoxy resin board or ceramic board; Active carbon filter; Outer PP centrifugal blower *1 (only need to select when the duct more than 4m, 2 for LFH-6P only); Splicable base cabinet(only not for LFH-6P)	
Gross Weight	Main Body	137kg	155kg
	Base Cabinet	89kg or 80kg(Spllicable)	99kg or 90kg(Spllicable)
Package Size (WxDxH)	Main Body	1188×938×1612mm 46.8"×36.9"×63.5"	1388×938×1612mm 54.6"×36.9"×63.5"
	Base Cabinet	1188×888×1000mm or 1200×1000×450mm(Spllicable) 46.8"×35.0"×39.4" or 47.2"×39.4"×17.7"(Spllicable)	1388×888×1000mm or 1400×1000×450mm(Spllicable) 54.6"×35.0"×39.4" or 55.1"×39.4"×17.7"(Spllicable)

## LFH-P Series (Ducted, Porcelain white PP)

Model		LFH-5P	LFH-6P
External Size (WxDxH)		1547×800×2450mm 60.9"×31.5"×96.5"	1847×800×2450 mm 72.7"×31.5"×96.5"
Internal Size (WxDxH)		1287×560×700mm 50.7"×22.0"×27.6"	1587×560×700 mm 62.5"×22.0"×27.6"
Work Surface Height		820mm(32.3")	
Max Opening		740mm(29.1")	
Air Velocity		0.3~0.8m/s	
Noise		≤68dB	
Exhaust Duct		4.3meters, Ø250mm	
LED Lamp		22W×2	18W×2
Blower		Built-in PP centrifugal blower (2 blowers for LFH-6P 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		500W	700W
Material	Main Body	Made of Porcelain white PP, thickness 8mm, resistant to strong acid, alkali and anti-corrosion	
	Base Cabinet	Chemical resistant phenolic resin	
Standard Accessory		LED light; Work table: Chemical resistant phenolic resin; 4.3 meters PVC duct ( 2 Pcs of 4.3 meters PVC duct for LFH-6P only ), Diameter: 250mm; Pipe strap*2(4 Pcs for LFH-6P only); RW power cord (3*1.0mm2*3000mm); Base cabinet; Waterproof socket*2; Tail insert; Water tap(PP); Gas tap(PP); Water Sink; PP centrifugal blower*1(2 for LFH-6P only)	
Optional Accessory		PP work table, epoxy resin board or ceramic board; Active carbon filter; Outer PP centrifugal blower *1 (only need to select when the duct more than 4m, 2 for LFH-6P only); Splicable base cabinet(only not for LFH-6P)	
Gross Weight	Main Body	180kg	206kg
	Base Cabinet	114kg or 102kg(Spllicable)	140kg
Package Size (WxDxH)	Main Body	1688×938×1612mm 66.5"×36.9"×63.5	1988×938×1612mm 78.3"×36.9"×63.5
	Base Cabinet	1688×888×1000mm or 1700×1000×450mm(Spllicable) 66.5"×35.0"×39.4" or 66.9"×39.4"×17.7"(Spllicable)	1988×888×1000mm 78.3"×35.0"×39.4"



## Slope Ducted Fume Hood

Available: 35", 43", 54", 66"



- UV lamp for sterilization.
- Resistant to weak acid and alkali.
- Adjustable air speed: 9 levels.
- Alarm when filter working time 3500 hours.
- Back side air compensation, to avoid turbulence in work area.
- 8° slope front ergonomics design, fatigue-free working posture.
- Transparent side glass windows



- **Water & Gas Tap Water Sink**



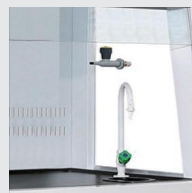
- **Observation Window**

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



- **Foot Switch**

Use foot switch to adjust the height of front window.



- **Back Side Air Compensation**

To avoid turbulence in work area

## LFH-X Series (Ducted, slope)

Model	LFH-3X	LFH-4X
External Size (WxDxH)	1000x840x2150mm 39.4"x33.1"x84.6"	1200x840x2150mm 47.2"x33.1"x84.6"
Internal Size (WxDxH)	880x730x745mm 34.6"x28.7"x29.3"	1080x730x745mm 42.5"x28.7"x29.3"
Max Opening	520mm(20.5")	
Work Surface Height	750mm(29.5")	
Blower	Built-in centrifugal blower; Speed adjustable with 9 levels	
Air Velocity	0.3~0.8m/s	
System Exhaust Volume	630m <sup>3</sup> /h	780m <sup>3</sup> /h
Noise	≤68dB	
LED Lamp	8Wx1	12Wx1
UV Lamp	20W	20W
	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 pcs	2 pcs
Power Supply	AC220V±10%, 50/60HZ; 110V±10%, 60Hz	
Consumption	400W	400W
Standard Accessories	Water tap, Gas tap, Water sink, Base stand, UV lampx2, LED lamp. Socket, 4.3 meters exhaust duct, Active carbon filter, Foot switch	
Optional Accessory	HEPA Filter	
Gross Weight	230Kg	253Kg
Package Size(WxDxH)	1150x1120x1680mm 45.3"x44.1"x66.1"	1350x1120x1680mm 53.1"x44.1"x66.1"



## LFH-X Series (Ducted, slope)

Model	LFH-5X	LFH-6X
External Size (WxDxH)	1500x840x2150mm 59.1"x33.1"x84.6"	1800x840x2150mm 70.9"x33.1"x84.6"
Internal Size (WxDxH)	1380x730x745mm 54.3"x28.7"x29.3"	1680x730x745mm 66.1"x28.7"x29.3"
Max Opening	520mm(20.5")	
Work Surface Height	750mm(29.5")	
Blower	Built-in centrifugal blower; Speed adjustable with 9 levels	
Air Velocity	0.3~0.8m/s	
System Exhaust Volume	990m <sup>3</sup> /h	1210m <sup>3</sup> /h
Noise	≤68dB	
LED Lamp	16Wx1	16Wx1
UV Lamp	30W	30W
	Emission of 253.7 nanometers for most efficient decontamination	
Front Window	Motorized; 5 mm toughened glass, anti-UV	
	Exterior Body: Cold-rolled steel with anti-bacteria powder coating.	
Material	Work table: Chemical resistant phenolic resin	
Waterproof Socket	2 pcs	2 pcs
Power Supply	AC220V±10%, 50/60HZ; 110V±10%, 60Hz	
Consumption	500W	500W
Standard Accessories	Water tap, Gas tap, Water sink, Base stand, UV lampx2, LED lamp. Socket, 4.3 meters exhaust duct, Active carbon filter, Foot switch	
Optional Accessory	HEPA Filter	
Gross Weight	290Kg	340Kg
Package Size(WxDxH)	1650x1120x1680mm 65.0"x44.1"x66.1"	1950x1120x1680mm 76.8"x44.1"x66.1"



## Ductless Fume Hood

Available: 36", 44", 56", 67"



- 8° slope front ergonomics design, fatigue-free working posture.
- Temperature and humidity sensors.
- Three side transparent Acrylic windows, front window reversal design.
- 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.



### ● LCD Display

LCD Touch Screen Control Panel

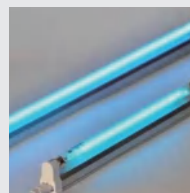


### ● Waterproof Socket



### ● Front Window

Front window reversal design



### ● Explosion-proof Fluorescent Lamp

## LFH-C Series (Ductless)

Model	LFH-3C	LFH-4C	
External Size (WxDxH)	1000×830×2140mm	1200×830×2140mm	
	39.4"×32.7"×84.3"	47.2"×32.7"×84.3"	
Internal Size (WxDxH)	910×690×740mm	1110×690×740mm	
	35.8"×32.2"×29.1"	43.7"×27.1"×29.1"	
Work Surface Height	900mm(35.4")		
Max Opening	650mm(25.6")		
Air Velocity	0.4~0.6m/s		
Airflow Volume	136m <sup>3</sup> /h	136m <sup>3</sup> /h	
Noise	≤58dB(A)		
Fluorescent Lamp	14W×2	14W×2	
UV Lamp(Optional)	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; 10V±10%, 60Hz		
Consumption	400W	400W	
Material Exterior	Cold-rolled steel with anti-bacteria powder coating		
Side Window	Acrylic Window		
Work Table	Chemical resistant phenolic resin		
Chemical Filter	2 pcs	2 pcs	
Standard Accessory	Fluorescent Lamp, Base cabinet, Total load of 2 waterproof sockets: 500W; Chemical Filter		
Optional Accessory	Water tap, Gas tap, Water sink, Electric height adjustable base stand, HEPA Filter, UV Lamp		
Gross Weight	290Kg	310Kg	
Package Size	Main Body	1140×1040×1490mm	1350×1040×1490mm
		44.9"×40.9"×58.7"	53.1"×40.9"×58.7"
	Base Cabinet	1140×1040×1060mm	1350×1040×1060mm
		44.9"×40.9"×41.7"	53.1"×40.9"×41.7"

## LFH-C Series (Ductless)

Model	LFH-5C	LFH-6C
External Size (WxDxH)	1500×940×2140mm 59.1"×37.0"×84.3"	1800×940×2140mm 70.9"×37.0"×84.3"
Internal Size (WxDxH)	1410×690×740mm 55.5"×27.1"×29.1"	1710×690×740mm 67.3"×27.2"×29.1"
Work Surface Height	900mm(35.4")	
Max Opening	650mm(25.6")	
Air Velocity	0.4~0.6m/s	
Airflow Volume	432m <sup>3</sup> /h	547m <sup>3</sup> /h
Noise	≤58dB(A)	
Fluorescent Lamp	14W×3	14W×3
UV Lamp(Optional)	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; 10V±10%, 60Hz	
Consumption	500W	500W
Material Exterior	Cold-rolled steel with anti-bacteria powder coating	
Side Window	Acrylic Window	
Work Table	Chemical resistant phenolic resin	
Chemical Filter	4 pcs	4 pcs
Standard Accessory	Fluorescent Lamp, Base cabinet, Total load of 2 waterproof sockets: 500W; Chemical Filter	
Optional Accessory	Water tap, Gas tap, Water sink, Electric height adjustable base stand, HEPA Filter, UV Lamp	
Gross Weight	380Kg	410Kg
Package Size	Main Body	1650×1110×1490mm 65.0"×43.7"×58.7"
	Base Cabinet	1650×1110×1060mm 65.0"×43.7"×41.7"



## Walk-in Fume Hood

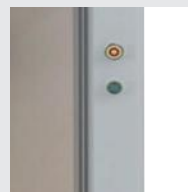
Available: 39", 50", 62"



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



- Water Sink



- Water & Gas Remote Control Valve



- Application



- Water & Gas Tap

## LFH-W Series (Walk-in)

Model		LFH-4W	LFH-5W	LFH-6W
External Size (WxDxH)		1200×800×2250mm 47.2"×31.5"×88.6"	1500×800×2250mm 59"×31.5"×88.6"	1800×800×2250mm 70.9"×31.5"×88.6"
Internal Size (WxDxH)		980×550×1670mm 38.6"×21.6"×65.7"	1280×550×1670mm 50.4"×21.6"×65.7"	1580×550×1670mm 62.2"×21.6"×65.7"
Max Opening		1300mm (51.2")		
Exhaust Airflow Volume		1150m <sup>3</sup> /h	1500m <sup>3</sup> /h	1850m <sup>3</sup> /h
Inflow Air Velocity		0.3~0.8m/s		
Noise		≤62dB		
Vibration		Amplitude≤5μm		
Illumination		≥800Lux		
LED Lamp		12W×2	16W×2	16W×2
Power Supply		AC220V±10%, 50/60HZ; 110V±10%, 60Hz		
Consumption		400W	500W	800W
Front Window		Manual, 5mm toughened glass, height adjustable		
Material	Exterior	1.0mm cold-rolled steel with bacteria powder coating		
	Interior	Compact laminate board with good acid and alkali resistance function		
Standard Accessory		External blower, LED lamp, Water tap, Gas tap, PP cup sink, Remote control water, valve, Remote control gas valve, Waterproof sockets*4, 4.3 meters Ø300mm PVC exhaust duct		
Sockets		Total load of 4 waterproof sockets; ≤500W		
Package Size (WxDxH)	Main Body	1400×1050×2450mm 55.1"×41.3"×96.5"	1710×1050×2450mm 67.3"×41.3"×96.5"	2010×1050×2450mm 79.1"×41.3"×96.5"
	Exhaust Blower	970×810×720mm 38.2"×31.2"×28.3"	1040×890×710mm 41.9"×35"×28.3"	1040×890×710mm 41.9"×35"×28.3"
Gross Weight		300Kg	340Kg	390Kg