STANDARD FUME HOODS

STANDARD FUME HOODS

Fume Hoods are laboratory equipment that are specially designed to ensure the safety of personnel and other inhabitants of the room. It filters out harmful gases and also protects from small explosions or splashes. This system consists of an accompanying air duct and a strong exhaust fan or air pump. When the exhaust is operating, it sucks volumes of air through the open side and vents it through the duct. Then duct releases the fumes right outside the room in the air, or may run it through a filtration system.

Used in Metal analysis, Pharmacy, Research Field, Commercial, Medical, Laboratory.

LTFUM8 STANDARD FUME HOOD

UV lamp for sterilization

Adjustable air speed: 9 levels

Motorized front window, height adjustable

Microprocessor control system, LED display

With memory function in case of power failure

Cold-rolled steel with anti-bacteria powder coating

High grade melamine board with acid and alkali resistance function

Chemical resistant phenolic resin

SPECIFICATIONS

Model	LTFUM8-1	LTFUM8-2	LTFUM8-3	LTFUM8-4
Air Velocity	0.3~0.8 m/s			
Max Opening	520 mm			
Work Surface Height	850 mm			
Exhaust Duct	PVC, Standard length: 4 meters Φ300mm			
LED Lamp	8Wx1	12Wx1	16Wx1	
UV Lamp	Emission of 253.7 nanometers for most efficient decontamination			
Front Window	5 mm toughened glass, Motorized, Height Adjustable			
Blower	Built-in centrifugal blower, Speed adjustable			
Exterior Material	Cold-rolled steel with anti- bacteria powder coating			
Interior Material	Compact laminate board with good acid and alkali resistance function			
Work Table Material	Chemical resistant Phenolic resin			
Standard Accessory	UV lamp x2, 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 x2			
Optional Accessory	Active Carbon filter, HEPA filter			
Internal Size (WxDxH)	820x670x730 mm	1020x670x730 mm	1320x670x730 mm	1620x670x730 mm
External Size (WxDxH)	1040x800x2200 mm	1240x800x2200 mm	1540x800x2200 mm	1840x800x2200 mm
Package (Main Body)	1190x990x1690 mm	1390x990x1690 mm	1690x990x1690 mm	1990x990x1690 mm
Package Size (Base Cabinet)	1190x990x900 mm	1390x990x900 mm	1690x990x900 mm	1990x990x900 mm
Noise Level	≤60 dB (A)			
Gross Weight	286 kg	317 kg	350 kg	400 kg

Consumption	400 W	500 W
Power Supply	AC220V±10%, 50/60Hz 110V+10%, 60Hz	

ACCESSORIES

Accessory Code	Name
6200808008	water tap
6200808009	Gas tap
6200808010	Water sink
6200808011	Base cabinet

Accessory Code	Name
6200808012	Pipe strap
6200808013	Total load of two waterproof sockets: 500W
6200808015	UV Lampx2
6200808016	LED lamp

OPTIONAL ACCESSORIES

Accessory Code	Name
6200808014	Active carbon filter

LTFUM8-1

LTFUM8-2

LTFUM8-3

LTFUM8-4

LTFUM8 STANDARD FUME HOOD

Interior body includes melamine board with acid and alkali resistance function

LCD display

Exterior body is of cold-roll steel with anti-bacterial powder

Working chamber is made of solid chemical-resistant material

UV lamp to sterilize the working area

Adjustable air velocity with electrical controlled glass

Adjustable blower speed of a centrifugal fan

SPECIFICATIONS

Model	LTFUM8-5	LTFUM8-6	LTFUM8-7	LTFUM8-8
Air Velocity	0.3~0.8 m/s			
Max Opening	520 mm			
Work Surface Height	750 mm			
System Exhaust Volume	630m3/h	780m3/h	990m3/h	1210m3/h

Front Window	Motorized, 5 mm toughened glass; Anti-UV Exterior Body: cold rolled steel with anti-bacteria powder coating.		
Work Table Material	Chemical resistant Phenolic resin		
LED Lamp	8Wx 1	12Wx 1	16Wx 1
UV Lamp	20 W Emission of 253.7 nanometers for most efficient decontamination		
Blower	Built-in centrifugal blower, Speed adjustable with 9 levels		
Standard Accessory	Water tap, Gas tap, Water sink, base stand, UV lampx2, LED lamp, Socket, 4.3 meters exhaust duct, Active carbon filter, foot switch, Waterproof Socket- 1 pc	Water tap, Gas tap, Water sink, base stand, UV lampx2, LED lamp, Socket, 4.3 meters exhaust duct, Active carbon filter, foot switch, Waterproof Socket- 2 pcs	
Optional Accessory	HEPA filter		
Internal Size (WxDxH)	880x730x745mm	1080x730x745 mm	1380x730x745 mm	1680x730x745 mm
External Size (WxDxH)	1000x840x2150mm	1200x840x2150 mm	1500x840x2150 mm	1800x840x2150 mm
Package (Main Body)	1150x1120x1680 mm	1350x1120x1680 mm	1650x1120x1680 mm	1950x1120x1680 mm
Noise Level	≤60 dB		
Gross Weight	230 kg	253 kg	290 kg	340 kg
Consumption	400 W		500 W	
Power Supply	AC220V±10%, 50/60Hz 110V+10%, 60Hz		

ACCESSORIES

Accessory Code	Name
6200812008	Fluorescent lamp
6200812009	UV lamp
6200812010	Base stand
6200812011	Waterproof socket
6200808008	water tap

Accessory Code	Name
6200808009	Gas tap
6200808010	Water sink
6200812012	4 meters PVC exhaust duct
6200808014	Active carbon filter
6200812013	Foot switch

LTFUM8-5 LTFUM8-6 LTFUM8-7 LTFUM8-8

LTFUM9 STANDARD FUME HOOD

Adjustable air speed: 9 levels

Microprocessor control system, LED display

With memory function in case of power-failure

Manual front glass window, height adjustable

Built-in PP centrifugal blower; low noise, easy installation

Exterior material: 1.0 mm cold-rolled steel with bacteria powder coating

Interior material: High grade melamine board with moderate acid and alkali resistance

Work table material: Chemical resistant phenolic resin

SPECIFICATIONS

Model	LTFUM9-1	LTFUM9-2	LTFUM9-3	LTFUM9-4
Air Velocity	0.3~0.8 m/s			
System Exhaust Volume	570 m³/h	710 m³/h	930 m³/h	1140 m³/h
Max Opening	750 mm			
Exterior Material	1.0 mm cold-rolled steel with bacteria power coating			
Interior Material	Compact material board with good acid and alkali resistance function			
Work Table Material	Chemical resistant Phenolic resin			
LED Lamp	20Wx1		40Wx1	
Front Window	Manual, 5 mm toughened glass; height adjustable			
Exhaust Duct	PVC, Standard length; 4.3 meters, φ 300 mm			
Blower	Built-in PP centrifugal blowers			
Standard Accessory	PP Water Sink, Total load of 2 waterproof socket: 500 W Base Cabinet, Water tap 4 meters PVC exhaust duct (φ 300mm), Pipe Strap - 2 pcs			
Optional Accessory	Air Supply flow control valve, gas faucet			
Work Surface Height	900 mm			
Internal Size (WxDxH)	790x600x870 mm	990x600x870 mm	1290x600x870 mm	1590x600x870 mm
External Size (WxDxH)	1000x800x2515 mm	1200x800x2515 mm	1500x800x2515 mm	1800x800x2515 mm
Package (Main Body)	1140x940x1900 mm	1340x940x1900 mm	1640x940x1900 mm	1940x940x1900 mm
Package Size (Base Cabinet)	1340x940x1050 mm	1640x940x1050 mm	1940x940x1050 mm	1040x750x2450 mm
Noise Level	≤68 dB			
Gross Weight	270 kg	305 kg	335 kg	365 kg
Consumption	400 W		500 W	
Power Supply	220V ±10%, 60/50Hz; 110V ±10%, 60Hz	221V ±10%, 60/50Hz; 110V ±10%, 60Hz	222V ±10%, 60/50Hz; 110V ±10%, 60Hz	223V ±10%, 60/50Hz; 110V ±10%, 60Hz

| LTFUM9-1 | LTFUM9-2 | LTFUM9-3 | LTFUM9-4 |

LTFUM10 STANDARD FUME HOOD

Microprocessor control system, LED display

Made of porcelain white PP, Resistant to acid, alkali and anti-corrosion

With memory function in case of power-failure

Manual front glass window, height adjustable

Built-in PP centrifugal blower; low noise, easy installation

Chemical resistant phenolic resin work table

Optional: PP work table, epoxy resin board or ceramic board

SPECIFICATIONS

Model	LTFUM10-1	LTFUM10-2	LTFUM10-3	LTFUM10-4
Air Velocity	0.3~0.8 m/s			
Max Opening	740 mm			
Work Surface Height	820 mm			
Exhaust Duct	4.3 meters, φ 250 mm			
LED Lamp	12Wx2		22Wx2	18Wx2
Front Window	Resistant to acid and alkali, Manual, 5 mm toughened glass, height adjustable			
Blower	Built-in PP centrifugal blowers, speed adjustable			
Work Table Material	Chemical resistant Phenolic resin			
Standard Accessory	LED light; Work table: Chemical resistant Phenolic resin; 4.3 meter PVC duct, Diameter: 250 mm pipe strap x2, RVV power cord (3x1.0 mm2 x 3000mm), Base cabinet, Waterproof socket x2, Tail insert,Water tap (PP), Gas tap (PP), Water sink, PP centrifugal blower x 1			LED light; Work table: Chemical resistant Phenolic resin; 4.3 meter PVC duct (2 pcs), Diameter: 250 mm pipe strap x2 (4 pcs), RVV power cord (3x1.0 mm2 x 3000mm), Base cabinet, Waterproof socket x2, Tail insert,Water tap (PP), Gas tap (PP), Water sink, PP centrifugal blower x 1 (2 pcs)
Optional Accessory	PP work table, epoxy resin board or ceramic board; Active carbon filter; outer PP centrifugal blower x1, Splicable base cabinet			PP work table, epoxy resin board or ceramic board; Active carbon filter; outer PP centrifugal blower x1,Only need to select when the duct more than 4m,2.
Internal Size (WxDxH)	787x560x700 mm	987x560x700 mm	1287x560x700 mm	1587x560x700 mm

External Size (WxDxH)	1047x800x2450 mm	1247x800x2450 mm	1547x800x2450 mm	1847x800x2450 mm
Package (Main Body)	1188x938x1612 mm	1388x938x1612 mm	1688x938x1612 mm	1988x938x1612 mm
Package Size (Base Cabinet)	1188x888x1000 mm or 1200x1000x450 mm	1388x888x1000 mm or 1400x1000x450 mm	1690x940x1040 mm or 1700x1000x450 mm	1988x888x1000 mm
Noise Level	≤68 dB			
Gross Weight	137 kg (Main body) 89 kg or 80 kg (Base Cabinet)	155 kg (Main body) 99 kg or 90 kg (Base Cabinet)	180 kg (Main body) 114 kg or 102 (Base Cabinet)	206 kg (Main body) 140 kg (Base Cabinet)
Consumption	400 W		500 W	700 W
Power Supply	AC220V ±10%, 60/50Hz; 110V ±10%, 60Hz			

LTFUM10-1   LTFUM10-2   LTFUM10-3   LTFUM10-4

Labtare Analytical Instruments

Email: info@labtare.com | Website: labtare.com