



Standard Fume Hood LSFH-200 Series



LSFH-201 to 204



LSFH-205 to 208

Standard Fume Hood LSFH-200 Series

Labocon Standard Fume Hood LSFH-200 Series is designed to control exposure to toxic and flammable gases and aerosols and inhalation of hazardous vapours. This well designed series includes a local ventilation system with a front window which reduces fire and explosion risk.

Features:

- Double-layer structure: 1mm cold-rolled steel with anti-bacterial power coating exterior; High grade melamine board with good acid and alkali resistant function interior; Chemical resistant phenolic resin work table
- 5 mm, adjustable height toughened glass window
- Easy to move universal wheels
- Built-in PP blower, Speed adjustable up to 9 levels
- Microprocessor control system, LED display displays Airflow levels
- Memory function in case of power-failure

Standard Accessory:

- Water tapx1 pc
- Water sinkx1pc
- LED lampx1pc
- UV lampx2pc (only for LSFH-205 to 208)
- Total load of 2 waterproof sockets: 500W
- 4 meters PVC exhaust duct
- Pipe strapx2
- Base Cabinet with storage (only for LSFH-205 to 208)

Optional Accessory

- Gas tap
- Active Carbon (only for LSFH-205 to 208)

Application:

Labocon Standard Fume Hood is widely used in biological laboratories including microbiology, cell culture, and pharmacy and research areas to protect the lab environment and the operator during general chemical applications.

It actively protects operator from inhaling toxic vapours and dramatically reduces the risk of fire and explosion.

It provides maximum safety and clean air. By installing proper filter, it can also protect environment.

Technical Specifications:

Model No.	LSFH-201	LSFH-202	LSFH-203	LSFH-204
Overall Dimension (WxDxH)	1000x800x2515mm	1200x800x2515mm	1500x800x2515mm	1800x800x2515mm
Inner Dimension (WxDxH)	790x600x870mm	990x600x870mm	1290x600x870mm	1593x600x870mm
Work Surface Height	900 mm			
Max Opening	750 mm			
Air Velocity	0.3-0.8m/s			
System Exhaust Volume	570m ³ /h	710m ³ /h	930m ³ /h	1140m ³ /h
Protection Class	Class I			
Protection Type	IP 20			
Noise	≤68dB			
LED Lamp	8W*1	12W*1	16W*1	16W*2
UV Lamp	-	-	-	-

Pipe Strap	2 pcs			
Blower	Built-in PP centrifugal blower			
Exhaust Duct	PVC, Standard length: 4 meters ϕ 300mm			
Front Window	5mm toughened glass, manually adjustable height Window			
Power Supply	AC220V \pm 10%, 60/60Hz; 110V \pm 10%, 60Hz			
Power Consumption	400W	400W	500W	500W
Exterior Material	1.0mm cold-rolled steel with bacteria powder coating			
Interior Material	High grade melamine board with good acid and alkali resistance function			
Work Table Material	Chemical resistant phenolic resin			
Standard Accessories	Water tap, Water sink, LED lamp, Total loud of 2 waterproof sockets: 500W; Built in PP blower, 4 meter PVC exhaust duct, pipe strapx2			
Optional Accessories	Gas tap			
Gross Weight	270 kg	300 kg	330 kg	365 kg
Main Body Packing Size (WxDxH) mm	1140x940x1850mm	1340x940x1850mm	1640x940x1850mm	1940x940x1850mm
Base Cabinet Packing Size (WxDxH) mm	1140x940x1050mm	1340x940x1050mm	1640x940x1050mm	1940x940x1050mm

Model No.	LSFH-205	LSFH-206	LSFH-207	LSFH-208
Overall Dimension (WxDxH)	1040x800x220 0 mm	1240x800x220 0mm	1540x800x220 0mm	1840x800x220 0mm
Inner Dimension (WxDxH)	820x670x730 mm	1020x670x730 mm	1320x670x730 mm	1620x670x730 mm
Work Surface Height	850mm			
Max Opening	520mm			
Air Velocity	0.3~0.8m/s			
System Exhaust Volume	-	-	-	-
Protection Class	Class I			
Protection Type	IP 20			
Noise	≤68dB			
LED Lamp	8W*1	12W*1	16W*1	16W*1
UV Lamp	Emission of 253.7 nanometres for most efficient decontamination			
Pipe Strap	2 pcs			
Blower	Built-in Centrifugal blower; Speed adjustable			
Exhaust Duct	PVC, Standard length: 4 meters (φ 300mm)			
Front Window	5mm motorized toughened glass, adjustable height Window			
Power Supply	AC220V±10%, 50/60Hz ; 110V±10%, 60Hz			
Power Consumption	400W	400W	500W	500W

Exterior Material	Cold Rolled Steel with anti-bacteria powder coating			
Interior Material	High grade melamine board with good acid alkali resistance function			
Work Table Material	Chemical resistant phenolic resin			
Standard Accessories	UV lampx2, LED lamp, Water tap, Gas tap, Water sink, Base cabinet, Total load of 2 waterproof socket: 500W, 4 meter PVC exhaust duct, pipe strapx2			
Optional Accessories	Active carbon filter			
Gross Weight	286kg	317kg	350kg	400kg
Main Body Packing Size (WxDxH) mm	1190x990x1690 mm	1390x990x1690 mm	1690x990x1690 mm	1990x990x1690 mm
Base Cabinet Packing Size (WxDxH) mm	1190x990x980 mm	1390x990x980 mm	1690x970x970 mm	1990x990x980 mm



Standard Fume Hood LSFH-300 Series



Standard Fume Hood LSFH-300 Series

Labocon Standard Fume Hood LSFH-300 Series is specially used to capture and exhaust Toxic and Chemical fumes, Aerosols and Dust particles from the internal workspace. It is ergonomically designed series with a Ventilation system which provides maximum protection and comfort to the operator.

Features:

- Durable and helps in the removal of Hazardous chemical gases.
- Made of Porcelain white (PP thickness 8mm) which is resistant to strong acid, alkali and is anti-corrosive.
- Work surface is made of Solid Chemical with Resistant physiochemical board.
- Has an anti-corrosive water tap.
- Front window which is made of thick transparent toughened glass of 5mm thickness.
- Provides Maximize light and visibility inside the fume hood.
- The blower is present on top of fume hood.
- Centrifugal Fan with an adjustable speed is present inside the fume hood.
- Microprocessor controlled system.
- LCD display.
- Illuminator Fluoresce Lamp.

Standard Accessory:

- Illuminating Lamp
- Water tap – 1pc
- Gas tap – 1pc
- Water sink – 1pc
- Base cabinet – 1pc
- Waterproof sockets – 2pc
- 4 meters PVC exhaust duct (Diameter:250mm) – 1pc (2pc for LSFH-304)
- PP Centrifugal Blower – 1pc
- Pipe strap – 2pc (4pc for LSFH-304)

Optional Accessory:

- PP work table, epoxy resin board or ceramic board – 1pc
- Outer PVC centrifugal blower, resistant to strong acid, alkali – 1pc (only required when the duct is more than 4mm)



LCD Display



Waterproof Socket



PP sink

Resistant strong acid, alkali and anti-corrosion



Water & Gas Remote Control

Application:

Labocon Standard Fume Hood is widely used in biological laboratories including microbiology, cell culture, and pharmacy and research areas to protect the lab environment and the operator during general chemical applications.

It actively protects operator from inhaling toxic vapours and dramatically reduces the risk of fire and explosion.

It provides maximum safety and clean air. By installing proper filter, it can also protect environment.

Technical Specifications:

Model No.		LSFH-301	LSFH-302	LSFH-303	LSFH-304
Overall Dimension (WxDxH)		1040x750x 2200 mm	1240x800x 2200 mm	1540x800x 2200 mm	1840x800x 2200 mm
Inner Dimension(WxDxH)		820x520x 872 mm	1020x570x 872 mm	1320x570x 872 mm	1620x570x 872 mm
Work Surface Height		740 mm			
Max Opening		815 mm			
Air Velocity		0.3~0.6m/s			
Noise		≤60dB			
Illuminating Lamp		LED Lamp 12Wx1	Fluorescent Lamp 30Wx2		
Blower		Built-in PP centrifugal Blower (2 blowers for LSFH-304 only), Speed adjustable.			
Front Window		Manual, Resistant to acid, alkali 5mm toughened glass, height adjustable			
Power Supply		AC220V±10%, 50/60Hz ; 110V±10%, 60Hz			
Power 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			
Gross Weight		160kg	198kg	225kg	259kg
Packing Size (WxDxH) mm	Main Body	1120x840x 1620 mm	1320x880x 1620 mm	1620x880x 1620 mm	1920x880x 1620 mm
	Base Cabinet	1120x840x 1040 mm	1320x880x 1040 mm	1620x880x 1040 mm	1920x880x 1040 mm



Labocon Scientific Limited

18A Melton Road, Leicester LE4 5EA, United Kingdom

Phone no: +44 203 3724877

Email: info@labocon.com, laboconscientific@gmail.com

Website: www.labocon.com