

Ductless Fume Hood

LFH-A2 Series



Ductless Fume Hood LFH-A2 Series

Ductless Fume Hood LFH-A20

Ductless Fume Hood LFH-A20 is a floor standing unit offers 910 × 690 × 740 mm chamber dimension, 650 mm maximum opening and 2 pcs chemical filter. Equipped with UV lamp for effective sterilization of working environment. Features three side transparent acrylic glass window, front window with reversal design plus waterproof sockets, and double layer structure with 1 mm metal sheet surface and chemical resistant phenolic resin work table.

Ductless Fume Hood LFH-A21

Ductless Fume Hood LFH-A21 is a floor standing unit offers 1110 × 690 × 740 mm chamber dimension, 650 mm maximum opening and 2 pcs chemical filter. Equipped with UV lamp for effective sterilization of working environment. Features three side transparent acrylic glass window, front window with reversal design plus waterproof sockets, and double layer structure with 1 mm metal sheet surface and chemical resistant phenolic resin work table.

Ductless Fume Hood LFH-A22

Ductless Fume Hood LFH-A22 is a floor standing unit offers 1410 × 690 × 740 mm chamber dimension, 650 mm maximum opening and 4 pcs chemical filter. Equipped with UV lamp for effective sterilization of working environment. Features three side transparent acrylic glass window, front window with reversal design plus waterproof sockets, and double layer structure with 1 mm metal sheet surface and chemical resistant phenolic resin work table.

Ductless Fume Hood LFH-A23

Ductless Fume Hood LFH-A23 is a floor standing unit offers 1710 × 690 × 740 mm chamber dimension, 650 mm maximum opening, and 4 pcs chemical filter. Equipped with UV lamp for effective sterilization of working environment. Features three side transparent acrylic glass window, front window with reversal design plus waterproof sockets, and double layer structure with 1 mm metal sheet surface and chemical resistant phenolic resin work table.

Features

- Microprocessor control system with digital LCD display
- Equipped with built-in centrifugal blower
- External material: Cold rolled steel with anti-bacterial powder coating
- Electronic control system: For anti-overload, anti-electric shock and stable performance
- Inside and outside probe to detect indoor air pollution and filter conditions
- UV lamp for effective sterilization of working environment
- Audible and visual alarm for changing filter
- Two shelves below work cabinet for storage
- 4 Casters for easy movement

Application

Used in biotechnology and other branches of life science industry, in pharmaceutical industry to perform experiments or tasks under sterilized work environment.

Specification

Model	LFH-A20	LFH-A21	LFH-A22	LFH-A23
Internal dimension (W × D × H)	910 × 690 × 740 mm	1110 × 690 × 740 mm	1410 × 690 × 740 mm	1710 × 690 × 740 mm
External dimension (W × D × H)	1000 × 880 × 2140 mm	1200 × 880 × 2140 mm	1500 × 940 × 2140 mm	1800 × 940 × 2140 mm
Work surface height	900 mm			
Maximum opening	650 mm			
Air velocity	0.25 to 0.35 m/s			
Airflow volume	105 m ³ /h		325 m ³ /h	415 m ³ /h
Noise	≤ 55 dB (A)			
Fluorescent lamp	16 W × 2		16 W × 3	
UV lamp	Emission of 253.7 nanometers for most efficient decontamination			
Blower	Built-in centrifugal blower, speed adjustable			
Front window	Acrylic window; Manual; reversal design			
Material	Exterior	Cold-rolled steel with anti-bacteria powder coating.		
	Side window	Acrylic Window		
	Work table	Chemical resistant phenolic resin		
Chemical filter	2 pcs		4 pcs	
Power	400 W		500 W	
Power supply	AC 220 V ± 10%, 50/60 Hz; 110 V ± 10%, 60 Hz			

Ductless Fume Hood LFH-A2 Series

Packaging dimension (W × D × H) Main body	1150 × 990 × 1510 mm	1350 × 1000 × 1510 mm	1650 × 1110 × 1510 mm	1950 × 1110 × 1510 mm
Packaging dimension (W × D × H) Base cabinet	1150 × 990 × 1080 mm	1350 × 1000 × 1080 mm	1650 × 1110 × 1080 mm	1950 × 1110 × 1080 mm
Gross weight Main body	190 kg	200 kg	255 kg	280 kg
Gross weight Base cabinet	120 kg	130 kg	145 kg	155 kg

Standard accessories

Accessories no.	Accessories name	Unit
1	Fluorescent Lamp,	1
2	Base cabinet total load of 2 waterproof sockets: 500W	1

Optional accessories

Accessories no.	Accessories name	Unit
1	Water tap	1
2	Gas tap	1
3	UV Lamp	1
4	Electric height adjustable base stand	1
5	HEPA filter	1
6	Chemical filter	1