

Ductless Fumehood

LFH-A1 series



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Ductless Fumehood LFH-A1 series

Ductless Fumehood LFH-A10:

Ductless Fumehood LFH-A10 is a microprocessor controlled ductless fumehood with built in centrifugal blower. It has maximum opening of 520 mm and 9 levels air speed exhaust blower. Equipped with LED and UV lamp for illumination and decontamination of working environment. Carbon and HEPA filter for air fume filtration. It is ideally used for effective working environment in microbiology, biology, biotechnology field centers.

Ductless Fumehood LFH-A11:

Ductless Fumehood LFH-A11 is a microprocessor controlled ductless fumehood with built in centrifugal blower. It has maximum opening of 520 mm and 9 levels air speed exhaust blower. Equipped with LED and UV lamp for illumination and decontamination of working environment. Carbon and HEPA filter for air fume filtration. It is ideally used for effective working environment in microbiology, biology, biotechnology field centers.

Ductless Fumehood LFH-A12:

Ductless Fumehood LFH-A12 is a microprocessor controlled ductless fumehood with built in centrifugal blower. It has maximum opening of 520 mm and 9 levels air speed exhaust blower. Equipped with LED and UV lamp for illumination and decontamination of working environment. Carbon and HEPA filter for air fume filtration. It is ideally used for effective working environment in microbiology, biology, biotechnology field centers.

Ductless Fumehood LFH-A13:

Ductless Fumehood LFH-A13 is a microprocessor controlled ductless fumehood with built in centrifugal blower. It has maximum opening of 520 mm and 9 levels air speed exhaust blower. Equipped with LED and UV lamp for illumination and decontamination of working environment. Carbon and HEPA filter for air fume filtration. It is ideally used for effective working environment in microbiology, biology, biotechnology field centers.

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Features:

- Ductless type of fumehood
- Microprocessor control system
- Digital LED display
- LED lamp for illumination
- UV lamp for decontamination of working environment
- 9 level adjustable air speed exhaust blower
- Built-in centrifugal blower
- Motorized front glass window
- Carbon filter to remove toxic fumes
- Can be customize with HEPA filter
- Alarm function on filter reaching working time of 3500 hours
- Chemically resistant phenolic resin work table
- External material made up of cold rolled steel having anti-bacterial coating
- Air velocity memory function in case of power failure
- Backside air compensation avoiding turbulence in working area
- Transparent side glass windows providing effective visual appearance of inner side

Applications:

Ductless Fumehood is used for providing effective working environment for laboratory experiments in various fields of microbiology, chemical, biotechnology, research centers etc.

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Specifications:

Model no	LFH-A10	LFH-A11	LFH-A12	LFH-A13
Exterior Size (W × D × H)	1000 × 840 × 2150 mm	1200 × 840 × 2150 mm	1500 × 840 × 2150 mm	1800 × 840 × 2150 mm
Interior Size (W × D × H)	880 × 730 × 745 mm	1080 × 730 × 745 mm	1380 × 730 × 745 mm	1680 × 730 × 745 mm
Maximum Opening	520 mm	520 mm	520 mm	520 mm
LED Lamp	8 W × 1	12 W × 1	16 W × 1	16 W × 1
UV Lamp	Emission of 253.7 nm for efficient decontamina tion	Emission of 253.7 nm for efficient decontamina tion	Emission of 253.7 nm for efficient decontamina tion	Emission of 253.7 nm for efficient decontamina tion
Air Velocity	0.3 m/s to 0.8 m/s	0.3 m/s to 0.8 m/s	0.3 m/s to 0.8 m/s	0.3 m/s to 0.8 m/s
Work Surface Height	750 mm	750 mm	750 mm	750 mm
Noise	≤ 68 dB	≤ 68 dB	≤ 68 dB	≤ 68 dB
Waterproof socket	1 pc	2 pcs	2 pcs	2 pcs
Power Supply	AC 220 V ± 10%, 50/ 60 Hz	AC 220 V ± 10%, 50/ 60 Hz	AC 220 V ± 10%, 50/ 60 Hz	AC 220 V ± 10%, 50/ 60 Hz
	AC 110 V ± 10%, 60 Hz	AC 110 V ± 10%, 60 Hz	AC 110 V ± 10%, 60 Hz	AC 110 V ± 10%, 60 Hz
Power Consumption	1150 × 1120 × 1680 mm	1350 × 1120 × 680 mm	1650 × 1120 × 1680 mm	1950 × 1120 × 1680 mm
Gross Weight	230 kg	253 kg	290 kg	340 kg

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Standard Accessories:

No	Accessory name	Quantity
1.	Water Tap	1
2.	Gas Tap	1
3.	Water Sink	1
4.	Base Stand	1
5.	UV Lamp	2
6.	LED Lamp	1
7.	Socket	1
8.	Exhaust Duct – 4 meters	1
9.	Active Carbon Filter	1
10.	Foot Switch	1