

# Ducted Fumehood

## LFH-B1 series



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## **Ducted Fumehood LFH-B10:**

Ducted Fumehood LFH-B10 is a microprocessor controlled ducted fumehood with built in centrifugal blower which removes toxic gases to the outside of the working environment. The fumehood material is highly authentic and is resistant to acid and base having weak strength. It has maximum opening of 520 mm, 850 mm working area height and 9 levels air speed exhaust blower. Equipped with LED and UV lamp for illumination and decontamination of working environment. Active carbon filter for air fume filtration. It is ideally used for effective working environment in microbiology, biology, biotechnology field centers.

## **Ducted Fumehood LFH-B11:**

Ducted Fumehood LFH-B11 is a microprocessor controlled ducted fumehood with built in centrifugal blower which removes toxic gases to the outside of the working environment. The fumehood material is highly authentic and is resistant to acid and base having weak strength. It has maximum opening of 520 mm, 850 mm working area height and 9 levels air speed exhaust blower. Equipped with LED and UV lamp for illumination and decontamination of working environment. Active carbon filter for air fume filtration. It is ideally used for effective working environment in microbiology, biology, biotechnology field centers.

## **Ducted Fumehood LFH-B12:**

Ducted Fumehood LFH-B12 is a microprocessor controlled ducted fumehood with built in centrifugal blower which removes toxic gases to the outside of the working environment. The fumehood material is highly authentic and is resistant to acid and base having weak strength. It has maximum opening of 520 mm, 850 mm working area height and 9 levels air speed exhaust blower. Equipped with LED and UV lamp for illumination and decontamination of working environment. Active carbon filter for air fume filtration. It is ideally used for effective working environment in microbiology, biology, biotechnology field centers.

# Ducted Fumehood LFH-B13:

Ducted Fumehood LFH-B13 is a microprocessor controlled ducted fumehood with built in centrifugal blower which removes toxic gases to the outside of the working environment. The fumehood material is highly authentic and is resistant to acid and base having weak strength. It has maximum opening of 520 mm, 850 mm working area height and 9 levels air speed exhaust blower. Equipped with LED and UV lamp for illumination and decontamination of working environment. Active carbon filter for air fume filtration. It is ideally used for effective working environment in microbiology, biology, biotechnology field centers.

## Features:

- Microprocessor control system
- Digital LED display
- LED lamp for illumination
- UV lamp for decontamination of working environment
- 9 level adjustable air speed exhaust blower
- Air velocity memory function in case of power failure
- Built-in centrifugal blower
- 5 mm Motorized front glass window
- Active carbon filter to remove toxic fumes
- Alarm function on filter reaching working time of 3500 hours
- Chemically resistant phenolic resin work table
- Interior material highly authentic melamine board resistant to weak acid and base
- External material made up of cold rolled steel having anti-bacterial coating
- Backside air compensation avoiding turbulence in working area

## Applications:

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

# Specifications:

Model no	LFH-B10	LFH-B11	LFH-B12	LFH-B13
Exterior Size (W × D × H)	1040 × 800 × 2200 mm	1240 × 800 × 2200 mm	1540 × 800 × 2200 mm	1840 × 800 × 2200 mm
Interior Size (W × D × H)	820 × 670 × 730 mm	1020 × 670 × 730 mm	1320 × 670 × 730 mm	1620 × 670 × 730 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 decontamination	Emission of 253.7 nm for efficient decontamination	Emission of 253.7 nm for efficient decontamination	Emission of 253.7 nm for efficient decontamination
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	850 mm	850 mm	850 mm	850 mm
Exhaust Duct	PVC 4 meters, φ 300 mm	PVC 4 meters, φ 300 mm	PVC 4 meters, φ 300 mm	PVC 4 meters, φ 300 mm
Noise	≤ 68 dB	≤ 68 dB	≤ 68 dB	≤ 68 dB
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	400 W	400 W	500 W	500 W
Package Size (W × D × H)	1190 × 990 × 1690 mm	1390 × 990 × 1690 mm	1690 × 990 × 1690 mm	1990 × 990 × 690 mm
Gross Weight	286 kg	317 kg	350 kg	400 kg

## Standard Accessories:

No	Accessory name	Quantity
1.	UV Lamp	2
2.	LED Lamp	1
3.	Water Tap	1
4.	Gas Tap	1
5.	Water Sink	1
6.	Base Cabinet	1
7.	Total load of 2 Waterproof Socket: 500 W	2
8.	PVC Exhaust Duct: 4 meters	1
9.	Pipe Strap	2

## Optional Accessories:

No	Accessory name	Quantity
1.	Active Carbon Filter	1