

# Ducted Fumehood

## LFH-C1 series



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## **Ducted Fumehood LFH-C10:**

Ducted Fumehood LFH-C10 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 750 mm, 900 mm working area height and 9 levels air speed exhaust blower. Equipped with LED for illumination in working environment. It is ideally used for effective working environment in microbiology, biology, biotechnology field centers.

## **Ducted Fumehood LFH-C11:**

Ducted Fumehood LFH-C11 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 750 mm, 900 mm working area height and 9 levels air speed exhaust blower. Equipped with LED for illumination in working environment. It is ideally used for effective working environment in microbiology, biology, biotechnology field centers.

## **Ducted Fumehood LFH-C12:**

Ducted Fumehood LFH-C12 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 750 mm, 900 mm working area height and 9 levels air speed exhaust blower. Equipped with LED for illumination in working environment. It is ideally used for effective working environment in microbiology, biology, biotechnology field centers.

## **Ducted Fumehood LFH-C13:**

Ducted Fumehood LFH-C13 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 750 mm, 900 mm working area height and 9 levels air speed exhaust blower. Equipped with LED for illumination in working environment. 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
- 9 level adjustable air speed exhaust blower
- Air velocity memory function in case of power failure
- Built-in PP centrifugal blower
- 5 mm Motorized front glass window
- Chemically resistant phenolic resin work table
- Interior material highly authentic melamine board resistant to weak acid and base
- External material made up of 1 mm 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-C10                | LFH-C11                | LFH-C12                | LFH-C13                |
|---------------------------|------------------------|------------------------|------------------------|------------------------|
| Exterior Size (W × D × H) | 1000 × 800 × 2515 mm   | 1200 × 800 × 2515 mm   | 1500 × 800 × 2515 mm   | 1800 × 800 × 2515 mm   |
| Interior Size (W × D × H) | 790 × 635 × 870 mm     | 990 × 600 × 870 mm     | 1290 × 600 × 870 mm    | 1590 × 600 × 870 mm    |
| Maximum Opening           | 750 mm                 | 750 mm                 | 750 mm                 | 750 mm                 |
| LED Lamp                  | 8 W × 1                | 12 W × 1               | 16 W × 1               | 16 W × 1               |
| 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       | 900 mm                 | 900 mm                 | 900 mm                 | 900 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 |

## Specifications:

|                             |                              |                              |                              |                              |
|-----------------------------|------------------------------|------------------------------|------------------------------|------------------------------|
| Exhaust volume              | 570 m <sup>3</sup> / hr      | 710 m <sup>3</sup> / hr      | 930 m <sup>3</sup> / hr      | 1140 m <sup>3</sup> / hr     |
| Noise                       | ≤ 68 dB                      | ≤ 68 dB                      | ≤ 68 dB                      | ≤ 68 dB                      |
| Pipe Strap                  | 2 pcs                        | 2 pcs                        | 2 pcs                        | 2 pcs                        |
| Power Supply                | AC 220 V ± 10%,<br>50/ 60 Hz | AC 220 V ± 10%,<br>50/ 60 Hz | AC 220 V ± 10%,<br>50/ 60 Hz | AC 220 V ± 10%,<br>50/ 60 Hz |
|                             | AC 110 V ± 10%,<br>60 Hz     | AC 110 V ± 10%,<br>60 Hz     | AC 110 V ± 10%,<br>60 Hz     | AC 110 V ± 10%,<br>60 Hz     |
| Power Consumption           | 400 W                        | 400 W                        | 500 W                        | 500 W                        |
| Package Size<br>(W × D × H) | 1140 × 940 ×<br>1850 mm      | 1340 × 940 ×<br>1850 mm      | 1640 × 940 ×<br>1850 mm      | 1940 × 940 ×<br>1850 mm      |
| Gross Weight                | 270 kg                       | 300 kg                       | 330 kg                       | 365 kg                       |

## Standard Accessories:

| No | Accessory name                            | Quantity |
|----|---|----------|
| 1. | Water Tap                                 | 1        |
| 2. | Water sink                                | 1        |
| 3. | LED Lamp                                  | 1        |
| 4. | Total load of 2 Waterproof Sockets: 500 W | 2        |
| 5. | Built-in PP blower                        | 1        |
| 6. | PVC Exhaust Duct: 4 meters                | 1        |
| 7. | Pipe Strap                                | 2        |

## Optional Accessories:

| No | Accessory name | Quantity |
|----|----------------|----------|
| 1. | Gas Tap        | 1        |