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## **Vertical Laminar Flow Cabinet LVAC-C1 Series**

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## LVAC-C10

Vertical Laminar Flow Cabinet LVAC-C10 is one sided work bench device, operator can sit side by side. It offers 750 mm work surface height and maximum opening up to 430 mm. The particle-free working environment by taking air through filtration system and exhausting it across a work surface in a unidirectional air stream. It is enclosed on the sides and kept under constant positive pressure in order to prevent the infiltration of contaminated room air. The device is design with an internal dimension of 1200 × 645 × 610 mm where as its external dimension is 1300 × 750 × 2040 mm.

## LVAC-C11

Vertical Laminar Flow Cabinet LVAC-C11 is one sided work bench device, operator can sit side by side. It offers 750 mm work surface height and maximum opening up to 430 mm. The particle-free working environment by taking air through filtration system and exhausting it across a work surface in a unidirectional air stream. It is enclosed on the sides and kept under constant positive pressure in order to prevent the infiltration of contaminated room air. The device is design with an internal dimension of 1700 × 645 × 610 mm where as its external dimension is 1800 × 750 × 2040 mm.

## Features :

- ❑ LCD display with microprocessor control system
- ❑ One sided work bench device, operator can sit side by side
- ❑ Located 2 water proof sockets in side panel, for optimum convenience of using small devices inside the cabinet
- ❑ Equipped with Airflow velocity, UV timer, UV work time, system work time and real time
- ❑ Universal caster with leveling feet
- ❑ Designed with gas tap and transparent side glass for windows maximum light and visibility inside the cabinet
- ❑ Main body of the device is built of cold-rolled steel with anti-bacterial powder coating that prevents the infection and good performance

- ❑ Working table is coated with stainless steel to prevent from corrosion
- ❑ UV lamp with emission of 253.7 nanometer is used for most efficient decontamination
- ❑ HEPA filter shows 99.999 % efficiency at 0.3  $\mu\text{m}$
- ❑ 5 mm touchened glass, anti UV Side and front window

## Application :

Vertical Laminar Flow Cabinet is widely used in medical research laboratories, hospitals, manufacturing facilities and other research and production environment.

## Specifications:

Model	LVAC-C10	LVAC-C11
External dimension	1300 × 750 × 2040 mm	1800 × 750 × 2040 mm
Internal dimension	1200 × 645 × 610 mm	1700 × 645 × 610 mm
Work surface height	750 mm	
Display	LCD	
Airflow velocity	Average Of 0.3 to 0.5 m/s	
Material main body	Cold rolled steel with anti- bacteria power coating	
Material work table	304 stainless steel	
Side and Front windows	5 mm touchened glass, anti UV	
Pre- filter	Polyester fiber, washable	
HEPA Filter	99.999% efficiency at 0.3 $\mu\text{m}$	
Noise	< 65 dB	
Front window	Motorized	
Max opening	430 mm	430 mm
Illuminating lamp	LED lamp 12 W × 1	LED lamp 16 W × 1
UV Lamp	30 W × 1 Emission of 253.7 nanometer	40 W × 1 Emission of 253.7 nanometer

Caster	Universal caster with levelling feet	
Waterproof socket	Two, total load $\leq$ 500 W	
Packing dimension	1460 × 1070 × 1650 mm	1960 × 970 × 1600 mm
Power consumption	400 W	450 W
Power supply	AC 220V $\pm$ 10%, 50/60 Hz, 110V $\pm$ 10%, 60Hz	
Gross weight	228 kg	306 kg

## Standard Accessories:

Accessories no.	Name
1	LED lamp
2	UV lamp × 2
3	Base stand
4	Gas Tap