



**VERTICAL LAMINAR FLOW CABINET**  
**LVAC-E1 SERIES**

# VERTICAL LAMINAR FLOW CABINET LVAC-E1 SERIES

Vertical Laminar Flow Cabinet LVAC-E10 is a work bench that creates a 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 940×560×545 mm where as its external dimension is 1040×660×1770 mm.

Vertical Laminar Flow Cabinet LVAC-E11 is a work bench that creates a 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 1340×560×545 mm where as its external dimension is 1440×660×1770 mm.

## FEATURES

- LED display with microprocessor control system
- Double sides work bench, operators can sit face to face
- 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
- Emission of 253.7 nanometer is used for most efficient decontamination
- HEPA filter shows 99.999 % efficiency at 0.3 μm

## APPLICATIONS

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



## SPECIFICATIONS

Model. No.	LVAC-E10	LVAC-E11
External Size	1040×660×1770 mm	1440×660×1770 mm
Internal Size	940×560×545 mm	1340×560×545 mm
Work Surface Height	750 mm	
Display	LED Display	
Airflow Velocity	Average of 0.3 to 0.5 m/s	
Material of Main Body	Cold-rolled steel with anti-bacterial powder coating	
Material of Work Table	304 Stainless Steel	
Pre-filter	Polyester fiber, Washable	
HEPA Filter	99.999 % efficiency at 0.3 μm	
Noise	< 65 dB	
Front Window	Manual, 5 mm toughened glass, anti-UV	
Max Opening	310 mm	310 mm
UV Lamp	18 W × 1	30 W × 1
Emission of UV Lamp	Emission of 253.7 nanometer	
LED Lamp	12 W × 1	16 W × 1
Consumption	350 W	600 W
Caster	Universal caster with leveling feet	
Power Supply	AC 220 V ± 10 %, 50 / 60 Hz; 110 V ± 10 %, 60 Hz	
Package Size	1190×890×1340 mm	1590×890×1340 mm
Gross Weight	150 kg	186 kg

## STANDARD ACCESSORY

Acc. No.	Name	Quantity
1	LED Lamp	1 pc
2	UV Lamp	2 pcs
3	Base Stand	1 pc