



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

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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 |