



# Vertical Laminar Air Flow Cabinet LVAC-A10



# Vertical Laminar Air Flow Cabinet LVAC-A10

---

Labtron Vertical Laminar Air Flow Cabinet LVAC-A10 is a clean air workstation which provides a particle free ultraclean working environment for aseptic operations. This is carried out by the 0.5 micron / 0.3 micron pore size HEPA filter providing the sterile air flow in the working area. Vertical laminar air flow works on the principle that the vertical unidirectional flow is within the cabinet and is therefore less susceptible to the contamination in the surrounding area.

## Features:

---

- Stainless steel corrosion proof work surface
- Digital display for fan speed , life of HEPA filter , lamp control
- Excellent product protection
- Alarm for HEPA filter replacement
- Glass window for easy visualization and protection from UV rays
- Remote control operation of laminar flow cabinet by controller
- Particle retention by -HEPA filter - 0.5 micron / 0.3 micron
- Fluorescent lamp – 8 W
- Sterilization by UV lights – 10 W
- Air flow velocity - 0.25 – 0.45 m/s
- Noise level  $\leq$  62 dB
- Efficient insulation and quiet operation

## Applications:

---

Used in bio-assays and sterility testing, hospitals, pathological laboratories, microelectronics, optics, food and beverage, agriculture, animal husbandry, avionics, protection for open vessels of chemicals, solvents or powders , microbiological labs or other research control centers engaged in investigative work with sub-toxic materials

## Specifications:

---

<b>Model No</b>	<b>LVAC-A10</b>
Clean grade	Grade 100
HEPA Filter	0.5 micron / 0.3 micron
No of bacteria	$\leq 0.5$ per utensil / hr.
Half ventilation peak value	$< 0.5 \mu\text{M}$
Pre-filter	High efficiency nylon filter
UV lamp	10 W
Fluorescent lamp	8 W
Controller type	Remote control
Noise	$\leq 62$ dB
Airflow velocity	0.25 m/s – 0.45 m/s
Power supply	AC 220 V / 50 Hz
Dimension of working area ( W x D x H )	485 x 475 x 455 mm
Overall dimension ( W x D x H )	640 x 530 x 845 mm
Dimension of filter ( W x D x H )	480 x 460 x 38 mm
Weight	50 kg



**Labtron Equipment Ltd**

Sentinel House, Ancells Business Park, Harvest Crescent Fleet, GU51 2UZ  
United Kingdom

01256 610 110 | [info@Labtron.com](mailto:info@Labtron.com)

[www.Labtron.com](http://www.Labtron.com)