

labodam



Vertical Laminar Flow Cabinet

LVAC-A1 Series

www.labodam.com
info@labodam.com

LVAC-A10

Vertical Laminar Flow Cabinet LVAC-A10 is one sided bench top device, operator can perform task conveniently. It offers fluorescent lamp with 14 W × 1 and 99.999% efficiency at 0.3 μm HEPA Filter. 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 630 × 375 × 615 mm where as its external dimension is 680 × 410 × 1160 mm.

LVAC-A11

Vertical Laminar Flow Cabinet LVAC-A11 is one sided work bench device, operator can sit side by side. It offers 660 mm work surface height and maximum opening up to 490 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 800 × 530 × 540 mm where as its external dimension is 802 × 650 × 1550 mm.

Features :

- ❑ LED display with microprocessor control system
- ❑ Fluorescent illuminating lamp with 14 W × 1 (LVAC-A10)
- ❑ LED illuminating lamp with 8 W × 1 (LVAC-A11)
- ❑ One sided bench top device, operator can perform task conveniently (LVAC-A10)
- ❑ One sided work bench device, operator can sit side by side (LVAC-A11)
- ❑ 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 (LVAC-A11)

- ❑ UV lamp with emission of 253.7 nanometer is used for most efficient decontamination
- ❑ HEPA filter shows 99.999 % efficiency at 0.3 μm
- ❑ Manual, 5 mm touchened glass, anti UV front window (LVAC-A11)

Application :

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

Specifications:

Model	LVAC-A10	LVAC-A11
External dimension	680 × 410 × 1160 mm	802 × 650 × 1550 mm
Internal dimension	630 × 375 × 615 mm	800 × 530 × 540 mm
Work surface height	NA	660 mm
Display	LED	
Airflow velocity	Average Of 0.3 to 0.5 m/s, air speed adjusted	
Material main body	Cold rolled steel with anti- bacteria power coating	
Material work table	NA 304 stainless steel	
Pre- filter	Polyester fiber, washable	
HEPA Filter	99.999% efficiency at 0.3 μm	
Noise	< 65 dB	
Front window	NA	Manual, 5 mm touchened glass, anti UV
Max opening	NA	490 mm
Illuminating lamp	Fluorescent lamp 14 W × 1	LED lamp 8 W × 1
UV Lamp	15 W × 1 Emission of 253.7 nanometer	20 W × 1 Emission of 253.7 nanometer

Packing dimension	840 × 560 × 1380 mm	960 × 800 × 1800 mm
Power consumption	160 W	350 W
Power supply	AC 220V ±10%, 50/60 Hz, 110V±10%, 60Hz	
Gross weight	50 kg	116 kg

Standard Accessories:

LVAC-A10

Accessories no.	Name
1	Fluorescent lamp
2	UV lamp × 2
3	Water
4	gas tap

LVAC-A11

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