



**BIOSAFETY CABINET CLASS II A2 EN CERTIFIED  
LD-LBS2-A4 SERIES**

Biosafety Cabinet Class II A2 EN Certified LD-LBS2-A4 series has a touch color display for real time monitoring. Innovative design includes safety alarms and power on password settings to prevent unauthorized access. The cabinet has side windows on both sides for convenient observation. Operation area integrated for simple disassembly and cleaning. Breeze speed sensor ensure real-time wind speed detection.

## Features

- Visual alarms serve as a clear reminder
- Manual and electrical operation options offer flexibility
- Automates UV lamp, fan, and socket operations
- Adjustable and Ergonomic Design
- Anti-paper dust structure at the air inlet prevents contamination
- Split countertop design facilitates easy cleaning
- Reliable power management

## Applications

It is widely used to carry out various experiments across microbiology, biotechnology, pharmacy, clinical research industry in a ventilated and de-contaminated environment.

## Specifications

Model No.	LD-LBS2-A40	LD-LBS2-A41
Work Surface Height	750 mm	
Max Opening	500 mm	
Tested Opening	200 mm	
Airflow Volume	Inflow 370 m <sup>3</sup> /h (218 cfm) Down flow 65%: 690 m <sup>3</sup> /h (406 cfm) Exhaust 35%: 370 m <sup>3</sup> /h (218 cfm)	Inflow 490 m <sup>3</sup> /h (289 cfm) Down flow 65%: 910 m <sup>3</sup> /h (536 cfm) Exhaust 35%: 490 m <sup>3</sup> /h (289 cfm)
Front Window	Manual and electric, glass thickness> 5mm, anti-ultraviolet	
ULPA Filter	2 pcs	
Filtration efficiency for 0.12um particles	≥ 99.9995%	
Illumination	≥1000 Lux	
Noise	≤ 65 dB	
Display	Color Touch Screen	
European Standard Socket	230 V, 3 A	
Alarm system	Abnormal wind speed, Glass door not at safe height, Abnormal power failure	

Motor	AC single fan, Adjustable speed, high efficiency, low power	
Material	Working Area: 304 stainless steel, Side window glass Frame and decorative plate: Cold-rolled steel with anti-bacteria powder coating	
LED Lamp	12 W × 2	14 W × 2
UV Lamp	20 W	30 W
Power Supply	AC 230 V, 50 Hz	
Rated Power	1100 W	1200 W
Interior dimension (W × D × H)	980 × 600 × 650 mm	1280 × 600 × 650 mm
Exterior dimension (W × D × H)	1087 × 800 × 2260 mm	1383 × 800 × 2260 mm
Packaging Dimension (W × D × H)	1240 × 1060 × 1880 mm	1530 × 1060 × 1880 mm
Gross Weight	270 Kg	345 Kg