



***BIOSAFETY CABINET CLASS II A2
(NSF CERTIFIED) LBS2-A3 SERIES***

Biosafety Cabinet Class II A2 (NSF Certified) LBS2-A3 Series

Biosafety Cabinet Class II A2 (NSF Certified) LBS2-A30 is a floor-standing unit, meets the requirement specified by NSF for Class II type A2 Biosafety cabinet. Features tough glass front window, water tap and gas tap, universal caster, waterproof socket, LCD display, I.V. bar with hooks etc. to carry out the experiments in a contaminant free environment along with operator protection. With 750 mm work surface height, the offered maximum opening is 550 mm (22 inch), and testing safety height of 200 mm (8 inch).

Biosafety Cabinet Class II A2 (NSF Certified) LBS2-A31 is a floor-standing unit, meets the requirement specified by NSF for Class II type A2 Biosafety cabinet. Features tough glass front window, water tap and gas tap, universal caster, waterproof socket, LCD display, I.V. bar with hooks etc. to carry out the experiments in a contaminant free environment along with operator protection. With 750 mm work surface height, the offered maximum opening is 520 mm (22.5 inch), and testing safety height of 254 mm (10 inch).

Biosafety Cabinet Class II A2 (NSF Certified) LBS2-A32 is a floor-standing unit, meets the requirement specified by NSF for Class II type A2 Biosafety cabinet. Features tough glass front window, water tap and gas tap, universal caster, waterproof socket, LCD display, I.V. bar with hooks etc. to carry out the experiments in a contaminant free environment along with operator protection. With 750 mm work surface height, the offered maximum opening is 550 mm (22 inch), and testing safety height of 254 mm (10 inch).

Biosafety Cabinet Class II A2 (NSF Certified) LBS2-A33 is a floor-standing unit, meets the requirement specified by NSF for Class II type A2 Biosafety cabinet. Features tough glass front window, water tap and gas tap, universal caster, waterproof socket, LCD display, I.V. bar with hooks etc. to carry out the experiments in a contaminant free environment along with operator protection. With 750 mm work surface height, the offered maximum opening is 550 mm (22 inch), and testing safety height of 254 mm (10 inch).

FEATURES

- NSF Certified Biosafety Cabinet with Motorized front window
- Large LCD Display to view all operation information
- Two layered laminated toughened anti UV glass >5 mm thickness
- Automatically adjusted (use of filter block) air speed
- Single piece of stainless steel used to make side and back wall
- 10° slanted front door to have comfort during long working hours
- Universal caster with brakes and levelling feet
- Stainless steel water tap and gas tap
- Waterproof socket to avoid short-circuits
- Can be attached with Exhaust thimble canopy
- Stainless steel I.V. bar with 10 hooks

APPLICATIONS

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

SPECIFICATION

Model No.	LBS2-A30	LBS2-A31
External Dimension (W×D×H)	1383×775×2295 mm	1087×775×2265 mm
Internal Dimension (W×D×H)	1210×600×660 mm	910×600×660 mm
Work Surface Height	750 mm	
Max Opening	550 mm (22 inch)	520 mm (22.5 inch)
Tested Opening	Safety height 200 mm (8 inch)	Safety height 254 mm (10 inch)
Air flow Volume	In flow: 462 m ³ /h (272 cfm)	In flow: 441 m ³ /h (259 cfm)
	Down flow: 65%: 863 m ³ /h (507 cfm)	Down flow: 60%: 649 m ³ /h (382 cfm)
	Exhaust: 35%: 462 m ³ /h (272 cfm)	Exhaust: 40%: 441 m ³ /h (259 cfm)
Front Window	Motorized. Two-layer laminated toughened glass ≥5mm. Anti UV	
HEPA Filter	Two, 99.999% efficiency at 0.3 μm, filter life indicator	
Filter Guard Type	Aluminium alloy frame	
Noise	NSF 49 ≤ 67 dB/EN 12469 ≤ 65 dB	
UV Lamp	30 W ×1	18 W ×1
	Emission of 253.7 nm	Emission of 253.7 nm
Illumination LED Lamp	18 W×2	10 W×2
Illumination	≥ 1000 Lux	
Display	LCD Display	
Waterproof Socket	Two, Total consumption: ≤ 500 W	
Tap	Water tap × 1, Gas tap × 1	
Ground Resistance	≤ 0.10 Ω	
Power Supply	AC 220 V ± 10%, 50/60 Hz; 110 V ± 10%, 60 Hz, Full load Amps: 9A, BTU/Hr: 1689	
Consumption	400 W	300 W
DC Motor	One ECM motor, 110V& 220V acceptable, Speed adjustable, high efficiency and low power consumption	
Material	Working area: 304 stainless steel	
	Frame and Decorative Plate: cold-rolled steel with anti-bacteria power coating.	
Packaging Dimension (W×D×H)	1540×1080×1900 mm	1250×1080×1840 mm
Gross Weight	334 kg	270 kg

Model No.	LBS2-A32	LBS2-A33
External Dimension (W×D×H)	1383×775×2295mm	1873×775×2295mm
Internal Dimension (W×D×H)	1210×600×660mm	1700×600×660mm
Work Surface Height	750 mm	
Max Opening	550 mm (22 inch)	
Tested Opening	Safety height 254 mm (10 inch)	
Air flow Volume	In flow: 587 m ³ /h (346 cfm)	In flow: 824 m ³ /h (485cfm)
	Down flow: 60%: 863 m ³ /h (507 cfm)	Down flow: 60%: 1212 m ³ /h (713 cfm)
	Exhaust: 40%: 587 m ³ /h (346 cfm)	Exhaust: 40%: 824 m ³ /h (485 cfm)
Front Window	Motorized. Two-layer laminated toughened glass ≥5mm. Anti UV	
HEPA Filter	Two, 99.999% efficiency at 0.3 μm, filter life indicator	
Filter Guard Type	Aluminium alloy frame	
Noise	NSF 49 ≤ 67 dB/EN 12469 ≤ 65 dB	
UV Lamp	30 W ×1	40 W ×1
	Emission of 253.7 nm	Emission of 253.7 nm
Illumination LED Lamp	18 W×2	22 W×2
Illumination	≥ 1000 Lux	
Display	LCD Display	
Waterproof Socket	Two, Total consumption: ≤ 500 W	
Tap	Water tap × 1, Gas tap × 1	
Ground Resistance	≤ 0.10 Ω	
Power Supply	AC 220 V ± 10%, 50/60 Hz; 110 V ± 10%, 60 Hz, Full load Amps: 9A, BTU/Hr: 1689	
Consumption	400 W	500 W
DC Motor	One ECM motor, 110V& 220V acceptable, Speed adjustable, high efficiency and	
	low power consumption	
Material	Working area: 304 stainless steel	
	Frame and Decorative Plate: cold-rolled steel with anti-bacteria powder coating.	
Packaging Dimension (W×D×H)	1540×1080×1900 mm	2020×1080×1900 mm
Gross Weight	340 kg	370 kg

STANDARD ACCESSORIES

- Illuminating lamp ×2
- UV lamp ×1
- Base stand
- SS water & gas taps
- Drain valve,
- Waterproof sockets
- Stainless Steel I.V. Bar with 10 hooks