

Biological Safety Cabinet

Safe Working Environmental

Class II A2 Biological Safety Cabinet

Three protection: operator, sample and environment. Airflow system: 70% air recirculation, 30% air exhaust A2 Cabinet is suitable for working with microbiological research in the absence of volatile or toxic chemicals and radio nuclide.

Features:

- LCD display for BSC-3FA2-GL (3') • LCD display for BSC-3FA2-NA (3')
- Exhaust Thimble canopy (Optional)
- Stainless Steel I.V. Bar with 10 hooks • SS Water Tap & Gas Tap
- Footmaster Caster
- Waterproof Socket
- UV Lamp – Emission of 253.7 nanometers for most efficient decontamination.



Advantages:

- Motorized front window.
- Large LCD display, all information displayed.
- Automatic air speed adjustable with filter block.
- With memory function in case of power-failure.
- Side & back wall is made up of single piece stainless steel.
- Interlock function: UV lamp and front window; UV lamp and blower, fluorescent lamp; Blower and front window.
- Front 10° slanted to offer operator comfort while working for long time, reduce glare and maximize reach into the work area.

Models:

Model	LMBS-4FA2(4')	LMBS-3FA2-GL(3') LMBS-3FA2-NA(3')	LMBS-4FA2-GL(4') LMBS-4FA2-NA(4')	LMBS-6FA2-GL(6') LMBS-6FA2-NA(6')
External Size (W*D*H)mm	1383*775*2295	1087*775*2265	1383*775*2295	1873*775*2295
Internal Size (W*D*H)mm	1210*600*660	910*600*660	1210*600*660	1700*600*660
Work Surface Height	750mm			
Max Opening	550mm (22")	520mm(20.5")	550mm (22")	550mm (22")
Tested Opening	Safety height 200mm (8")	Safety height 254mm (10")		
Airflow Volume	Inflow	462m3/h(272cfm)	441m3/h(259cfm)	587m3/h(346cfm)
	Down flow	65%:863m3/h(507cfm)	60%:649m3/h(382cfm)	60%:863m3/h(507cfm)
	Exhaust	35%:462m3/h(272cfm)	40%:441m3/h(259cfm)	40%:587m3/h(346cfm)
Front Window	Motorized. Two-layer laminated toughened glass ≥5mm. Anti UV			
HEPA Filter	Two, 99.999% efficiency at 0.3µm, filter life indicator			
Filter Guard Type	Aluminum alloy frame			
Noise	NSF 49 ≤ 67 dB/EN 12469 ≤ 65 dB			
Illumination	≥ 1000Lux			
Display	LCD Display			
Waterproof Socket	2, Total consumption: ≤ 500W			
Tap	Water tap*1, Gas tap *1			
Ground Resistance	≤ 0.10Ω			
Power Supply	AC220V±10%, 50/60Hz; 110V±10%, 60Hz, Full load Amps: 9A, BTU/Hr: 1689			
Consumption	400W	300W	400W	500W
Alarm	Abnormal airflow velocity; Filter replacement; Front window at unsafe height.			
DC Motor	One ECM motor, 110V & 220V acceptable, Speed adjustable, high efficiency and low power consumption			
Material	Working area: 304stainless steel/ Frame and Decorative Plate: cold-rolled steel with anti-bacteria power coating			
UV Lamp	30W	18W	30W	40W
Illuminating Lamp	Germicidal UV lamp, Emission of 253.7 nanometers for most efficient decontamination			
	18W*2	10W*2	18W*2	22W*2
	LED lamp			
Standard Accessory	Illuminating lamp, UV lamp *2, Base stand, SS water & gas taps, Drain valve, Waterproof sockets, Stainless Steel I.V. Bar with 10 hooks			
Optional Accessory	Armrest, Airflow tester, Formalin fumigation sterilizer, Infrared sterilizer, Electric height adjustable base stand, Remote control			
Package Size (W*D*H)mm	1540*1080*1900	1250*1080*1840	1540*1080*1900	2020*1080*1900
Gross Weight (kg)	334	270	334	363

