

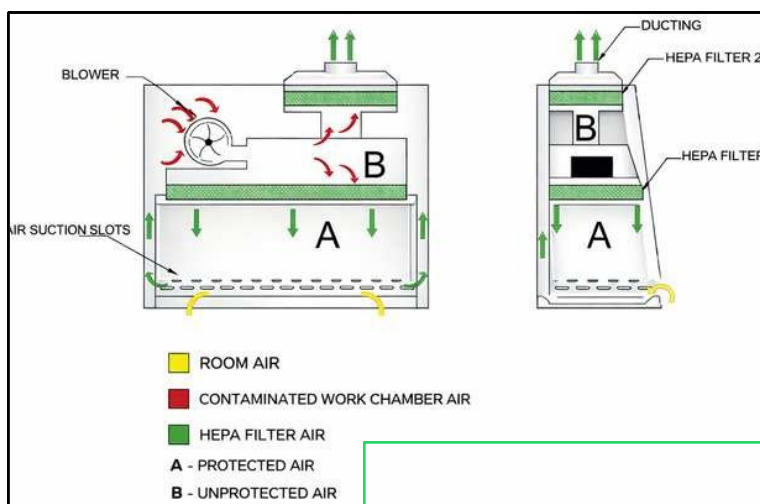
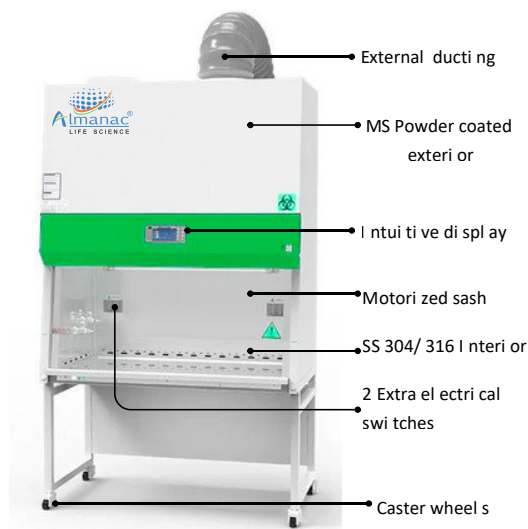
BIOSAFETY CABINET

CLASS II A2 & B2

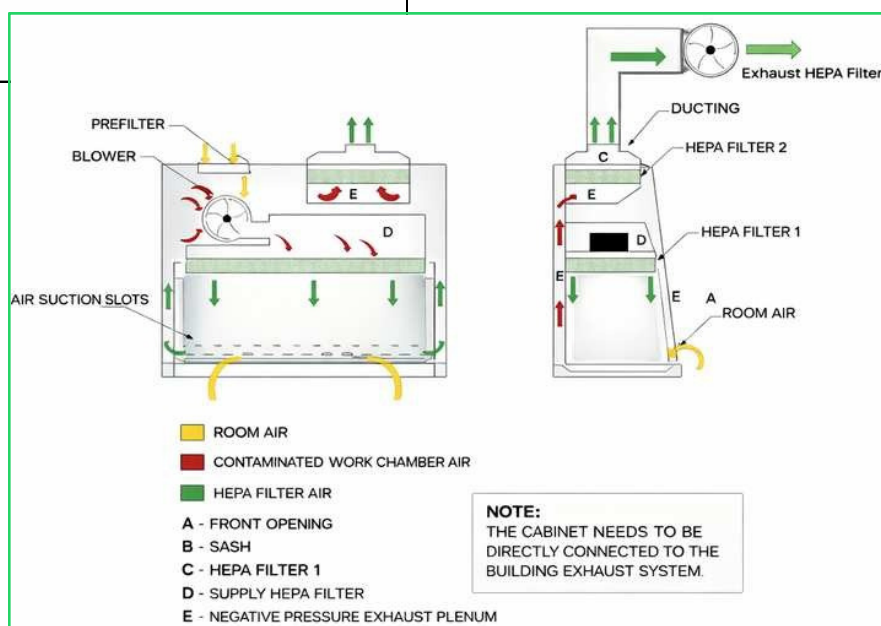
ALS-INS070



A2 & B2 Biosafety Cabinets

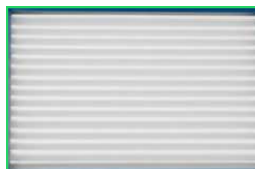


Class II B2: 100% air exhaust out



Energy Efficient AC/DC-ECM Motor

- Powered by latest generation AC/DC-ECM motor
- Stable airflow, despite building voltage fluctuations & filter loading



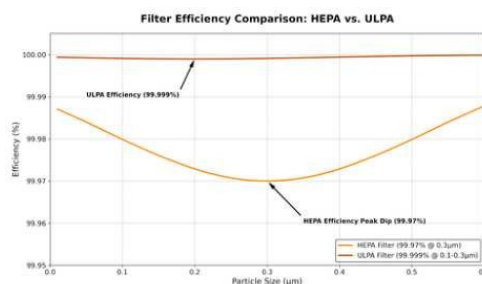
HEPA filter: Offer 99.97% typical efficiency at 0.3 micron.



ULPA filter: 99.999% typical efficiency for particle sizes of 0.1 to 0.3 micron.

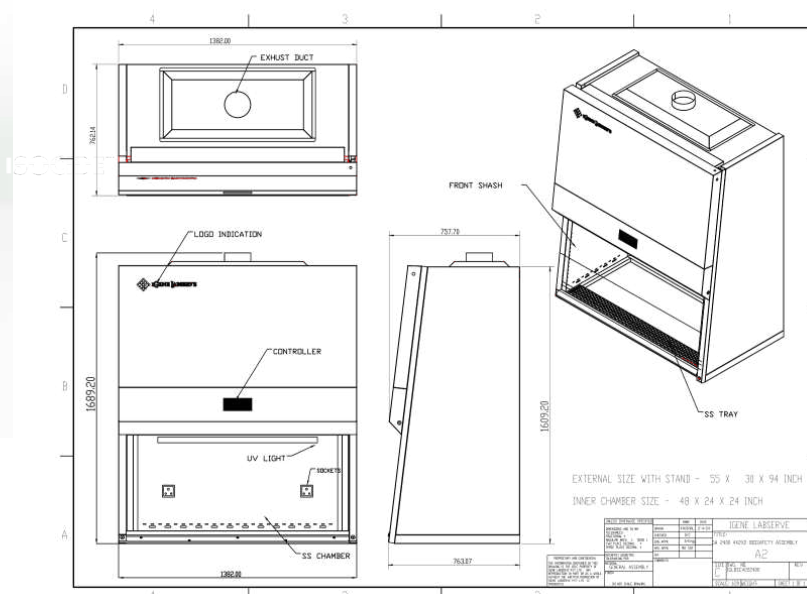
ULPA/ HEPA Filter

- Advanced high-efficiency filtration system for effective capture of fine airborne particles.
- Supports consistent airflow quality for critical laboratory operations.

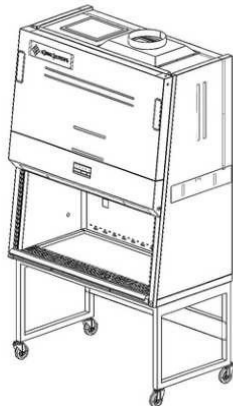


Lockable Castorwheels

Ensures easy mobility of the instrument.



4 X 2 X 2 Biosafety Cabinet Assembly



Dynamic Chamber

- Blower plenum and side walls are surrounded by negative pressure
- Prevent contaminants from escaping outside



Single Piece Wall

- Large radius for easy cleaning Side-mounted electrical outlets and
- staggered service fixtures, for easy reach



Single Piece WorkTray

- Recessed to contain spillage
- Curved grill to prevent blockage



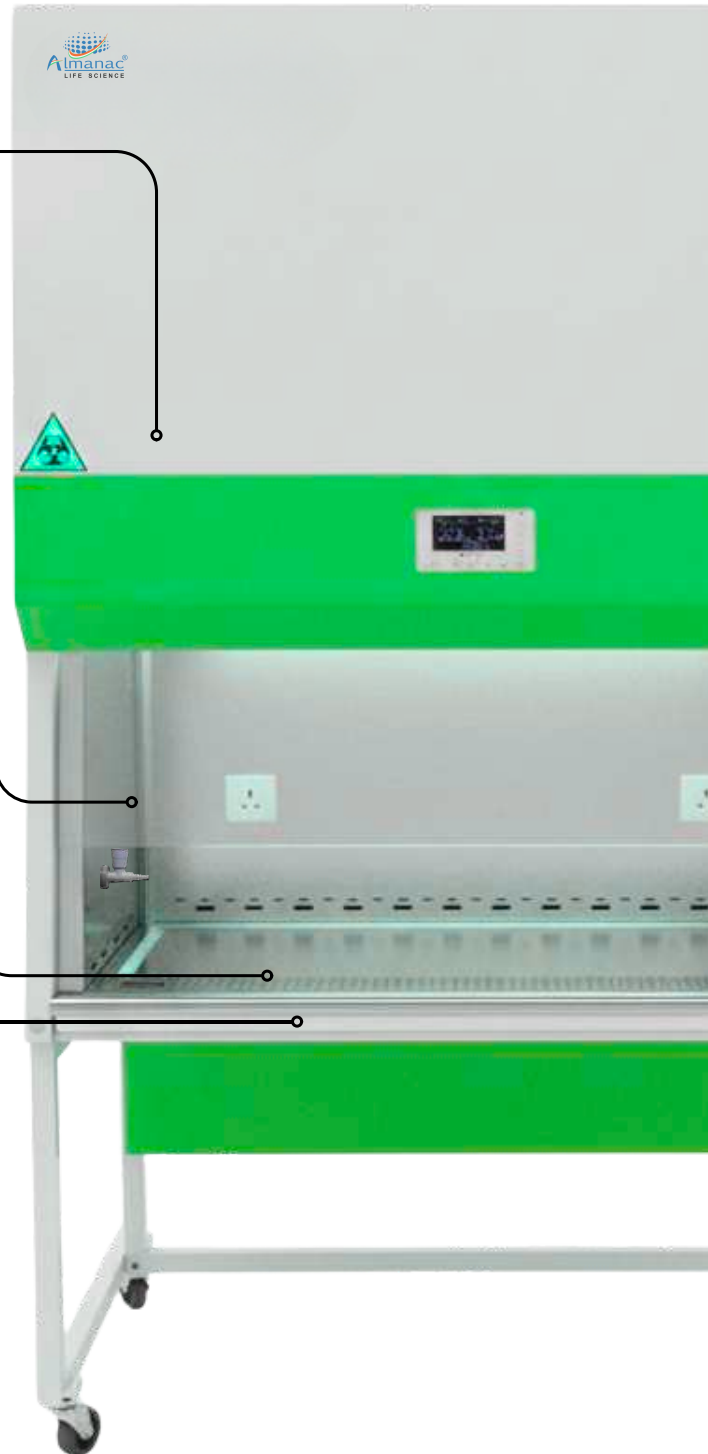
Frontgrill with armrest

- Helps prevent grille blocking
- Comfortable working posture



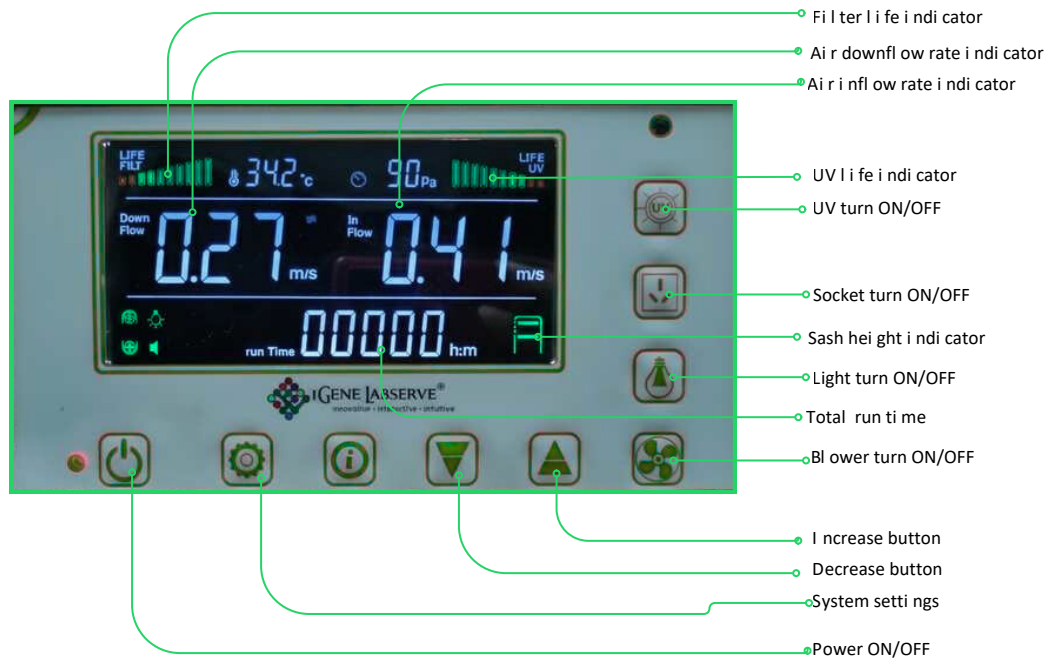
Remote-controlled operation for enhanced convenience

- Precise control of sash movement (up/down)
- Remote ON/OFF control of UV lamp
- Blower operation control
- Lighting system control
- Easy parameter setting and adjustment

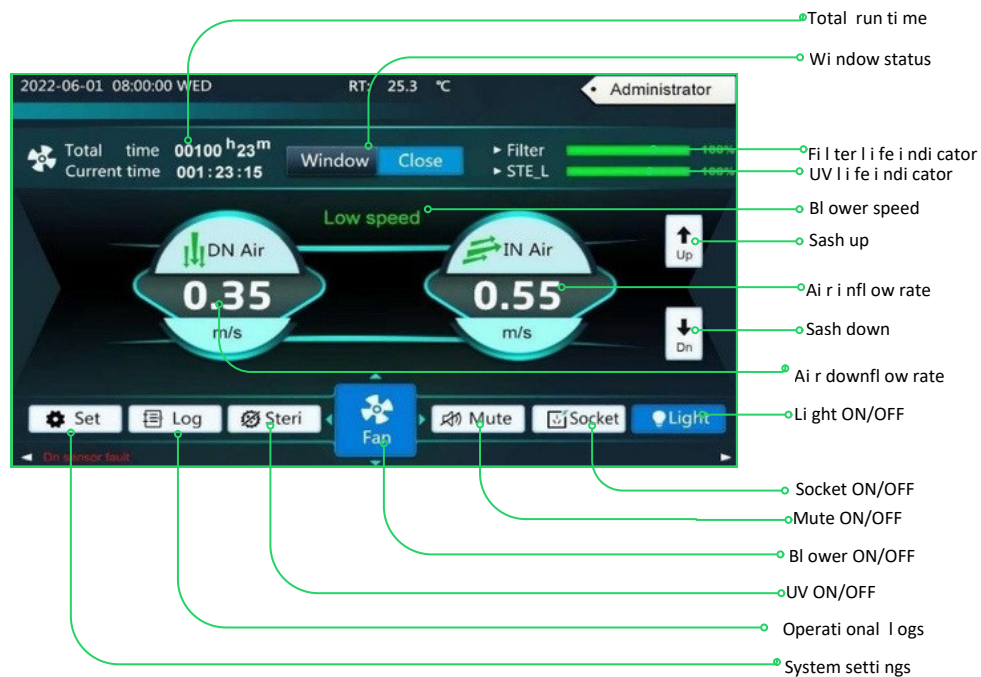


Controller and Monitoring Systems

2200 Series



2400 Series



Class II type A2 Biosafety Cabinet Technical Specification

Model	Dimension (ft)	Internal Size (mm)	External Size without stand (mm)	External size with stand (mm)	Airflow Volume (Inflow)	Airflow Volume (Downflow)	Filter Type	Noise	Display	Certification
ALS-CHIA222G (NSF)	2 x 2 x 2	605 x 500 x 540	705 x 650 x 1290	705 x 650 x 2220	290 m ³ /h	360 m ³ /h	ULPA 99.999 5% @ 0.12 μm	≤65 dB	Touchscreen	NSF49
ALS-CHIA2222 (Std)	2 x 2 x 2	610 x 610 x 610	774 x 764 x 1690	774 x 764 x 2400	240 m ³ /h	442 m ³ /h	HEPA 99.97 % @ 0.3 μm	<65 dB	LCD/KeyPad	CE
ALS-CHIA242G (NSF)	4 x 2 x 2	1210 x 600 x 660	1383 x 775 x 1290	1383 x 775 x 2220	587 m ³ /h	863 m ³ /h	ULPA	≤65 dB	Touchscreen	NSF49
ALS-CHIA2422 (Std)	4 x 2 x 2	1220 x 610 x 610	1382 x 764 x 1690	1382 x 764 x 2400	595 m ³ /h	884 m ³ /h	HEPA	<65 dB	LCD/Keypad	CE
ALS-CHIA262G (NSF)	6 x 2 x 2	1700 x 600 x 660	1873 x 775 x 1290	1873 x 775 x 2220	824 m ³ /h	1212 m ³ /h	ULPA	≤65 dB	Touchscreen	NSF49
ALS-CHIA2622 (Std)	6 x 2 x 2	1829 x 610 x 610	1991 x 764 x 1690	1995 x 764 x 2400	892 m ³ /h	1325 m ³ /h	HEPA	<65 dB	LCD/KeyPad	CE



CLASS II TYPE B2 BIOSAFETY CABINET TECHNICAL SPECIFICATION

Model	Dimension (ft)	Internal Size (mm)	External Size without stand (mm)	External size with stand (mm)	Exhaust Volume	Airflow Velocity	Filter Type	Noise	Display	Certification
ALS-CHB242G (NSF)	4 x 2 x 2	1210 x 600 x 660	–	–	1320 m ³ /h	Tested opening	ULPA 99.9995% @ 0.12 µm	≤60 dB	Touchscreen	NSF49
ALS-CHB2222(Std)	2 x 2 x 2	610 x 610 x 610	774 x 764 x 1690	774 x 764 x 2400	100% Exhaust	105 fpm	HEPA 99.97% @ 0.3 µm	<60 dB	LCD	CE
ALS-CHB2322(Std)	3 x 2 x 2	914 x 610 x 610	1080 x 764 x 1690	1080 x 764 x 2400	–	–	HEPA	<60 dB	LCD	CE
ALS-CHB2622(Std)	6 x 2 x 2	1829 x 610 x 610	1995 x 764 x 1690	1995 x 764 x 2400	–	–	HEPA	<60 dB	LCD	CE



ORDERING INFORMATION

Model No.	Description	Unit
ALS-CIIA222G	Class II A2 Biosafety Cabinet – internal dimension 605 x 500 x 540 mm (NSF) supplied with a main body, UV lamp, base stand, multiple fuses (12.5A, 6.3A, 2.5A), drain valve set, rubber gaskets, SS screws/washers, hex wrench, remote control, tubular motor rod key.	1 Unit
ALS-CIIA2222	Class II A2 Biosafety Cabinet – internal dimension 610 x 610 x 610 mm (Standard) supplied with a main body, power cord, tray, ducting, drain valve, stand (4 pcs), nut bolts, duct clamp, remote control (only with PID), fuse 10A ×2.	1 Unit
ALS-CIIA242G	Class II A2 Biosafety Cabinet – internal dimension 1210 x 600 x 660 mm (NSF) supplied with a main body, UV lamps, base stand, fuses, drain valve set, gaskets, screws, remote, hex wrench, tubular motor rod key.	1 Unit
ALS-CIIA2422	Class II A2 Biosafety Cabinet – internal dimension 1220 x 610 x 610 mm (Standard) supplied with a main body, power cord, tray, ducting, drain valve, stand, nuts/bolts, duct clamp, remote (with PID), fuse 10A ×2.	1 Unit
ALS-CIIA262G	Class II A2 Biosafety Cabinet – internal dimension 1700 x 600 x 660 mm (NSF) supplied with a main body, UV lamps, base stand, fuses, drain valve set, gaskets, screws, remote, hex wrench, tubular motor rod key.	1 Unit
ALS-CIIA2622	Class II A2 Biosafety Cabinet – internal dimension 1829 x 610 x 610 mm (Standard) supplied with a main body, power cord, tray, ducting, drain valve, stand, nut bolts, duct clamp, remote (with PID), fuse 10A ×2.	1 Unit
ALS-CIIB242G	Class II B2 Biosafety Cabinet – internal dimension 1210 x 600 x 660 mm (NSF) supplied with a main body, UV lamp 30W, base stand, fuses (12.5A, 6.3A, 2.5A 16A), drain valve set, rubber gaskets, screws, hex wrench, remote control, tubular motor rod key.	1 Unit
ALS-CIIB2222	Class II B2 Biosafety Cabinet – internal dimension 610 x 610 x 610 mm (Standard) supplied with a main body, power cord, tray, ducting, drain valve, stand, nut bolts, duct clamp, blower + blower stand, remote (with PID), fuse 16A ×2.	1 Unit
ALS-CIIB2322	Class II B2 Biosafety Cabinet – internal dimension 914 x 610 x 610 mm (Standard) supplied with a main body, power cord, tray, ducting, drain valve, stand, nuts, duct clamp, blower, blower stand, remote (with PID), 16A fuses.	1 Unit
ALS-CIIB2622	Class II B2 Biosafety Cabinet – internal dimension 1829 x 610 x 610 mm (Standard) supplied with a full Standard B2 accessory kit included.	1 Unit