



Email : sales@laboratoryinstrumentindia.com

Product Name :
Biosafety cabinet, class II, stand alone

Product Code :
LBNY-0007-2050001



Description :

Class II Biological Safety Cabinet, class II is additionally designed to provide product protection to eliminate or at least minimize the product contamination from outside contaminants or from cross-contamination of products worked on inside the work zone. Intended use: Airstream Class II, Biological Safety Cabinet, 4ft/1.2 is designed to protect the operator and environment from biological hazards that would otherwise pose a threat to human life and the environment.

Technical Specification :

Single-piece work tray, spill retaining and easy to clean
Ability to lock the window hermetically for gaseous disinfection for filter decontamination.
Maximal lifting height of front window: 475 mm
Sound Emission: 53.5 dbA
Built-in light: LED light and UV light (with UV timer and interlock)
External height: 2111mm including support stand with caster wheels
Internal working area: (WxDxH) 1220 x 580 x 660mm
Interior: 1.5 mm (0.06") 16-gauge stainless steel, type 304, with 4B finish
Exterior: 1.2 mm (0.05") 18-gauge electro-galvanized steel with white oven-baked epoxy-polyester Isocide antimicrobial powder-coated finish
Inflow airflow velocity: 0.45m/s
Downflow airflow velocity: 0.30m/s
Airflow circulation: Recirculates 70% of air, and exhaust 30% back into the laboratory
Sentinel Gold microprocessor controller with LCD display, soft touch buttons, LED light indicator. Displays all safety information on one screen.

Alarms: Audio-visual warning alarms, for unsafe condition of the BSC

ULPA Filter Efficiency: 99.999% at 0.1 to 0.3 micron, ULPA as per IEST-RP-CC001.3 USA or >99.999% at MPPS

Blower with auto-compensation during voltage fluctuation and filter loading, stable airflow

Optimum environmental requirements for the BSC:

Power requirements 230 VAC, 50/60 Hz, with voltage surge protection.

Relative humidity between 20% – 90%

Temperature between 18-30°C.



Laboratory Instrument India