

BIOSAFETY CABINET – CLASS II (A2 TYPE)

Dual Protection for Personnel
& Product Safety

INTRODUCTION

Equipaxis Biosafety Cabinet Class II (A2 Type) is a high-performance containment system designed to provide reliable protection for both personnel and product during critical laboratory operations. Utilizing advanced HEPA filtration and controlled airflow, it effectively removes contaminants while maintaining a clean and safe working environment.

Engineered with precision vertical laminar airflow, the cabinet ensures consistent, unidirectional air movement to minimize contamination risks. With its robust construction, user-friendly controls, and efficient recirculation system, it delivers optimal performance, safety, and operational efficiency for modern laboratories.

KEY FEATURES



Advanced Dual Protection System

Ensures safety of both user and samples simultaneously.
HEPA filtration removes harmful contaminants effectively.



Precision Airflow Technology

Vertical laminar airflow (Class II A2) for consistent performance.
70% air recirculation with 30% exhaust for balanced efficiency.



High-Efficiency Filtration

HEPA filter with 99.99% efficiency at 0.3 microns.
Pre-filter included for enhanced filter life and performance.



Robust & Hygienic Construction

SS 304 work surface for durability and easy cleaning.
GI powder-coated outer body for long-term reliability.



User-Friendly Operation

Digital LED display for monitoring and control.
Easy access to filters for quick maintenance.



Enhanced Safety & Comfort

UV germicidal sterilization system.
Clear, UV-resistant polycarbonate front door.
Low noise operation for a comfortable workspace.



Dual Protection. Reliable Performance.

SPECIFICATIONS

Class of Biosafety Cabinet	CLASS II (A2 TYPE)
Direction of Air Flow	Vertical
Type of Air Flow Pattern	70% air recirculated through filter, 30% air exhausted
Work Surface	Stainless steel 304
Material Outer	GI sheet powder coated
Type of Sterilization	UV Germicidal Tube
Type of Illumination	White light
Type of Filter	HEPA (High Efficiency Particulate Air)
Pre Filter	Yes
Filtration Efficiency	99.99% Efficiency 0.3 micron particles
Type of Display	LED
Noise	Low
Front Door	Clear, UV-resistant Polycarbonate Sheet
Power Supply	220/230V AC

AVAILABLE MODELS

Model No	Working Area (WxDxH)
EA176	3x2x2ft
EA177	4x2x2ft
EA178	6x2x2ft

SAFETY FEATURES

- ▶ Advanced Dual Protection System
- ▶ HEPA Filtration System (99.99% Efficiency)
- ▶ Precision Vertical Laminar Airflow
- ▶ UV Germicidal Sterilization System
- ▶ UV-Resistant Polycarbonate Safety Front Door



Scan to know more

Dual Protection. Reliable Performance.