

BIOSAFETY CABINET – CLASS II (B2 TYPE)

Total Exhaust Protection for High-Risk
Laboratory Environments

INTRODUCTION

Equipaxis Biosafety Cabinet Class II (B2 Type) is a high-performance containment system designed to ensure maximum safety for personnel, product, and environment. Built with a 100% total exhaust system, it effectively removes contaminated air through advanced HEPA filtration, making it ideal for handling toxic chemicals, hazardous pathogens, and critical biological applications.

Engineered with vertical unidirectional airflow technology, the cabinet provides a stable and contamination-free working environment. With robust construction, integrated safety mechanisms, and smart controls, it delivers reliable performance, enhanced protection, and compliance with modern laboratory safety standards.

KEY FEATURES



Total Exhaust Safety System

100% exhausted airflow ensures complete removal of hazardous contaminants. HEPA-filtered air safely expelled outside for maximum protection.



High-Performance Airflow Technology

Vertical airflow (Class II B2) for stable, unidirectional air movement. Minimizes contamination and enhances operational safety.



Advanced Virus Burn-Out Protection

Integrated thermal burn-out system in exhaust ducting. Ensures destruction of harmful microorganisms before discharge.



Robust & Hygienic Construction

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



Enhanced Filtration Efficiency

HEPA filtration with 99.99% efficiency at 0.3 microns. Pre-filter included for extended filter life.



User-Friendly & Smart Operation

Digital LED display for real-time monitoring and control. Easy maintenance with accessible filters and components.



Ergonomic & Safe Design

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



Total Exhaust. Total Protection.

SPECIFICATIONS

Class of Biosafety Cabinet	CLASS II (B2 TYPE)
Direction of Air Flow	Vertical
Type of Air Flow Pattern	100% exhausted
Ducting	Yes
Exhaust Safety	Virus burnout provision in exhaust air system
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
Exhaust Pipe	10ft
Power Supply	220/230V AC

AVAILABLE MODELS

Model No	Working Area (WxDxH)
EA179	3x2x2ft
EA180	4x2x2ft
EA181	6x2x2ft

SAFETY FEATURES

- ▶ Total Exhaust Safety System
- ▶ HEPA Filtration System (99.99% Efficiency)
- ▶ Integrated Virus Burn-Out Protection
- ▶ Vertical Unidirectional Airflow System
- ▶ UV Germicidal Sterilization System



Scan to know more

Total Exhaust. Total Protection.