# Biosafety Cabinet



## Description

The Purifier Class II B2 Biosafety Cabinet excels in user comfort and functionality. Decades of industry-leading advances in ergonomic design have shaped the Inclination™ Technology Suite that includes the following: 10° angled sash, patented curved air grille with built in the armrest, fully accessible controls and eye-level mounted color display with BioGenix operating system provides intuitive programming, color-coded menus, status messages and alarms with diagnostic troubleshooting — all using clear messages and imagery. The Logic+ uses the Constant Airflow Profile (CAP) with ECM blower technology to maintain a precise volume of air as the filters load.

In addition, the cabinet will continuously display the HEPA filter life remaining and cabinet status. These features combine to provide unparalleled safety.

These biosafety cabinets exhaust 100% of their air and are designed to be hard ducted to the outside. The cabinet provides personnel, product and environmental protection and is suitable for work in all biosafety levels.

In addition, some models have base stands and/or an Accessory Package (UV light, service fixture(s) and Vacuum-Pass Cord and Cable Portal) included.

# Standard Features

- Outer body : Wooden Body/ M.S, Body Duly Powder Coated/S.S. 304 Body.
- Perforated Working table of S. S. 304.
- HEPA of 0.3µ of an efficiency of 99.97% down to 0.3µ media is of Glass fiber & made of pleats back & frow made of aluminum foil & packed in a anodized aluminum frame.
- Pre filter of dry fiber washable type with the frame.
- Air Flow: 70% Recirculation & 30% Exhaust.
- Confirm the international standards 209 E.
- Statically Balanced motor blower Assembly ( Heavy Duty) .
- Velocity at the output of HEPA is 90 + 20 FPM.
- Noise level is very low.
- Static pressure Manometer.
- Transparent Front Door
- Vibration is also very low.
- Normal working fluorescent Light.
- U. V. Light 1 x 15 watts.
- Front Door of Acrylic Sheet (Transparent) .
- Gas cock.
- Power requirement: 230V,1 phase, 50 Hz, AC supply.

## OPTIONAL

(a) Magnehelic Gauge
(b) U.V. Resistant Poly Carbonate Sheet in Place of Acrylic Sheet
(c) LCD display with soft touch switches for Motor, U.V. Light, F.V. Light and U.V. timer
(d) Timer for U. V. Light.
(e) Microprocessor based Touch screen display system with special features like
• Display of velocity with lower and upper safe limits.
• Display of total run time of instrument & timer for U.V. lamp .
• Control of U.V. light to prevent the operator from U.V. rays as and when required.
• Door sensors to switch off the UV light when door is opened Display of message for life of HEPA filter, U.V. light etc

WORKING SIZE (In Ft.) : (I) 2' X 2' X 2' (ii) 3' X 2' X 2' (iii) 4' X 2' X 2' (iv) 6' X 2' X 2' (v) 8' X 2' X 2'

DOCUMENTATION:
IQ, OQ, PQ DOCUMENT
USER MANUAL
CALIBRATION CERTIFICATE

**BioGenix®**

**BIOGENIX SYSTEMS PRIVATE LIMITED**
S-10, Pankaj Central Plaza, Pocket-5, Plot no-5,
Sector-12, Dwarka, New Delhi-110075, INDIA
Email: **sales@biogenixsystems.com** |
Phone: +91-11-43738899 | 9990251155-99 | 9911717057
Website: **www.biogenixsystems.com**

Dealer Details

info@biogenixsystems.com
www.biogenixsystems.com