

BioSafety Cabinet



The Class II, Biological Safety Cabinet is an open-front ventilated cabinet.

This cabinet provides a ULPA-filtered re-circulated mass airflow within the workspace. The exhaust air from the cabinet is also filtered by an ULPA filter. Thus, the Class II biosafety cabinet protects the product as well as to human beings and the environment.

While ULPA filters are effective for trapping particulates and infectious agents, it is suitable for the containment of biohazardous material thereby providing a sterile environment for cell culture. Thus, a Class II cabinet is the most versatile and economical model.



SUPPLY FILTER

Mini Pleat ULPA Filter Efficiency
99.9995% @ 0.12µm (U-15)
Ultra Low Particulate Air

2X STAGE FILTRATION



EXHAUST FILTER

Mini Pleat ULPA Filter
Efficiency 99.9995% @
0.12µm (U-15)
Ultra Low Particulate Air
(AAF India Ltd.)



MATERIAL

Anti Microbial Powder Coated (60-80µ)
Galvanized Iron Sheet with Epoxy
Polyester Thermosetting Sheet
OR Stainless Steel 304 grade 1.2 mm



MAX WORK AREA

Maximum coverage for
easier hand movements
inside the cabinet. The Unit
has a 10° Slope for
operator's comfort.



FRONT SASH

Sliding 6mm frameless
glass sash. (Optional:
Motorised Automatic
Sliding Sash)



MOTOR BLOWER ASSEMBLY

Variable speed motor



NOISE LEVEL

Less than 60Db at 1 Meter from the
face of the filter



CLEANLINESS

ISO Standard 14644-1 Class 3



PRESSURE GAUGE

Magnehelic Gauge
(Dwyer /Aerosense make) Made in USA



AIR VELOCITY

60FPM at 4" from face of the ULPA filter



FEATHER TOUCH

Microprocessor Controller for:

- Exhaust Pressure
- Downflow Pressure
- Exhaust Velocity
- Downflow Velocity

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