

BIO SAFETY CABINET CLASS-II -RIC-33

RIC-33 BIOLOGICAL SAFETY CABINET Class II re-circulates 70% of air through HEPA filter & 30% Exhaust.

RIC-33 is used to protect personal, product and the environment from exposure to biohazards and cross contamination during routine procedures.

RIC-33 is used for various applications in the life science, clinical, pharmaceutical and industrial laboratory.

These Cabinets are designed to provide 3 basic types of protection.

- 1) Personnel protection from harmful agents inside the cabinet.
- 2) Product protection to avoid contamination of the work, experiment or process.
- 3) Environment Protection.

FEATURES & SPECIFICATIONS:

Low Noise.

User Friendly Ergonomic Design.

Controlled Environment Particulate Free Product Protection.

Work area surrounded by negative pressure, double wall plenums for protection.

Aerodynamic designed airflow grille maintains safety by preventing blockage.

Silent Vibration

Free Blower ensure noiseless operation.

Sound level no more than 65 dbA.

The Unit is suitable for CLASS 100 conditions.

70% of the air is re-circulated through the HEPA filter.

The contaminated air is drawn by the blower through the plenum of the cabinet.

30% of the air is exhausted from work area.

Filtered Exhaust - protects ambient environment, and avoids build up, air borne particles.

The exhaust of Safety Cabinet is connected to the Virus Burn out Unit for product and personnel protection.

Air is drawn through Pre-Filter and is made to pass through high effective HEPA (High Efficiency Particular Air) filters.

The efficiency of HEPA Filter is greater than 99.97% down to 0.3 micron.

Basic material is thick board wood front back top and exterior surfaces are covered with Formica. OR Cold rolled steel duly powder coated OR Stainless Steel (SS-304) (as ordered).

Working table is made of Stainless Steel Sheet (SS-304 grade).

Window opens to 20cm±5mm working height with predefined locking device.

Built in U.V. Germicidal light

Facilitates sterilization of working area before and after use. Cock - for gas, air or vacuum, (only 1 no.) is provided.

Working area is illuminated by fluorescent lighting fitted to the unit.

The blower and motor assembly is statically and dynamically balanced of 1/5 H.P. capacity operates with minimum noise level.

Height of the working table provides comfortable "SITDOWN" working position for the operator.

Supplied complete with cord & plug to work on Single Phase 220 / 230 volts A.C. supply.

Sizes Available: 2'x2'x2' / 3'x2'x2' / 4'x2'x2' / 6'x2'x2'

GMP Model Complete body made up of Stainless Steel is also available on request. RIC-33G.



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