

Encouraged By Your Overwhelming Endorsement  
**FOR OUR *rapid* RANGE OF EVAPORATORS...**



**...We Have Expanded Our Footprints**

# PRESENTING

## Microbiology & Laboratory Focused Instruments



# Fortune<sup>TM</sup>

Trusted Quality, Trusted Expertise

## Fortune<sup>TM</sup> Range

### Microbiology

#### Focused Instruments

- Autoclave
- BOD Incubator
- Incubator
- Laminar Airflow
- Oil Bath
- Biosafety Cabinet

### Laboratory

#### Focused Instruments

- Deep Freezer
- Dehumidifier
- Environmental Test Chamber
- Hot Air Oven
- Hot Plate
- Melting cum Boiling Point Apparatus
- Muffle Furnace
- Orbital Shaking Incubators
- Tray Drier
- Ultra-Cryostat
- Water Bath
- Water Bath Incubator Shaker
- Plant Growth Chamber

## Trusted Product Quality



Fortune Range is manufactured by a team of professionals with proven experience & expertise in manufacturing microbiology & lab focused instruments since over two decades.

## Trusted Service Quality



Fortune Range backed by highly experienced and trained Tech Support Team based at all key locations in India i.e Mumbai, Delhi, Chennai, Bangalore, Hyderabad & Ahmedabad, Providing quick & reliable service.

## Trusted Range



Fortune Range provides a **One stop shop** for your all your needs for microbiology & laboratory focused instruments.

## Trusted Expertise



Fortune range is backed by high quality experts who can provide consultation related to Microbiology, Lab set-up, Instruments.

**Application :** Microbiology, Pharmaceuticals, Medical Science, Hospitals, Agricultural Testing, Biotech

## STANDARD FEATURES

- Cabinet made from MS/SS 304/316 Work table Stainless Steel 304/316 as per Environment.
- Pre-Filter Assemblage for Multi-Dispose particle predominantly in the size range of 5- 20 Microns
- Sealed white light UV- light Virus tight extract HEPA Filter Gascock, Magnehelic Guage, UV Usage Meter for Monitoring UV Life.
- Noise Level: 65 +/-5 db
- Mini Pleat HEPA Filter Vertical Sliding Front Door Extra power outlet switch
- PVC 8 " dia ducting as per the site



The Bio Safety cabinets are sometimes referred to as "Total Exhaust". This unit maintains minimum average inflow velocity of 100 fpm through the work area access opening. It is important that the magnitude of the risk involved in your particular laboratory procedures and operations be carefully examined and evaluated to ensure that the level of protection offered by FORTUNE Bio contained workstations is both sufficient and satisfactory.

## Technical Specifications

- **Air Flow** : - Designed for 0.45 m/s to 0.65 m/s when measure across the entire filters space during the rated life cycle of filters.
- **HEPA Filters** : - Made of glass fiber filter media pleats double layered with unmatched life cycle guarantee. Efficiency rating 99.97% down to 0.3 microns when tested as per IES recommended practice.
- **Illumination** : - 100W per square meter of work area.
- **Blower Motor** : - Custom build dual outlet blower assembly statically and dynamically balanced, direct drive type, sized to provide adequate airflow volume over the full life cycle of the HEPA filters. Special bearings and unique suspension mounting ensure low vibration and noise level.
- **Pre-Filter** : - Filters compressing the pre-filter and intermediate filters made of depth media, specially treated with anti-fungal and bactericidal reagents to inhibit growth of microorganisms, possess enhance characteristics like fire, retardance and water repellence, Efficiency 40 – 60% for Pre-Filters and 60- 90% for Intermediate Filters.
- **Cleanliness Level** : - Class M3.5 (Federal Standard 209E) first air quality with aggregates <3530 particles/m<sup>3</sup> of 0.5 microns and larger wherever class 100 conditions are specified.
- **Impellers** :- High performance noise abated statically and dynamically balanced
- **Power supply** :- 230 VAC, 50Hz, < 0.5kW7

## Optional : VIRUS BURN OUT

Classification		% of Air Recirculated	% of Exhausted
Class II 100% Exhaust with Virus Burn Out	Class II Type B2	0%	100%

<b>Outer Mild Steel Powder Coated Inner &amp; Table SS 304 G</b>	3 x 2 x 2 (ft)	4 x 2 x 2 (ft)
<b>Complete SS (Inner &amp; Outer SS 304 G)</b>	3 x 2 x 2 (ft)	4 x 2 x 2 (ft)

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