

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

**Technical Specification / Description :**

## Horizontal Laminar Airflow System

- Horizontal Laminar Airflow system allows operations in sterile and particle free conditions because the continuous flushing of the working area by a unidirectional and horizontal and ultra-filtered airflow, it assures a full product protection.
- **Cleanliness** : ISO Class 5 as per ISO 14644-1
- **Direction of flow** : Horizontal
- **Particle Retention** : 0.3 Micron & Above
- **Noise Level** : 65 decibel on "A" Scale  $\pm$  5
- **Velocity** : 90 feet / Minute  $\pm$  20
- **Work table** : IS 304 Grade Stainless Steel surface
- **Front door** : 4 mm thick Polycarbonate – Foldable Type
- **Side Panel UV** : 4 mm thick Polycarbonate Sheet Panel
- **lamp Illumination** : Make – PHILIPS
- **Pressure ( $\Delta P$ )** : LED Tube Fittings
- **Other** : Inclined Manometer / Magnehelic Gauge 0- 25mm range
- **Accessories** : Inclined Manometer /  
Magnehelic Gauge 0 – 25 mm range
- **Power Supply** : 230 V, Single phase, 50 HZ

HEPA Filter	
<b>Media</b>	Ultra Clean glass fiber paper – Imported
<b>Type</b>	Mini-Pleat HEPA Filter, Separator less
<b>Retention</b>	0.3 Micron with a max 25mm WG
<b>Efficiency</b>	99.97%
<b>Grade</b>	H13 Rating

PRE Filter	
<b>Media</b>	Synthetic, Non-Woven Polyester fibers
<b>Casing</b>	GI with PU coated frame
<b>Retention</b>	5 Micron & above
<b>Efficiency</b>	95%

## Material of Construction

### Option: 1

The cabinet made from Galvanized Iron 18 SWG sheet metal with powder coating finish.

### Option: 2

The complete cabinet is made from IS 304 grade SS with stain finish.

## Blower Assembly

- Outer rotor type blower system, consisting of dynamically & statically balanced aluminium centrifugal impeller driven by a single phase motor, enclosed in an PU coated GI casing & directly connected to the chamber

Direction of Flow	Horizontal			
<b>Model No</b>	SH 0600	SH 0900	SH 1200	SH 1800
<b>Working Size (W X D X H)</b>	2 X 2 X 2 ft	3 X 2 X 2 ft	4 X 2 X 2 ft	6 X 2 X 2 ft

## Laminar Airflow - Vertical

Vertical Laminar Airflow system allows operation in sterile and particle free conditions because the continuous flushing of the working area by a unidirectional and vertical and ultra-filtered airflow, it assures a full product protection.

- **Cleanliness** : ISO Class 5 as per ISO 14644-1
- **Direction of flow** : Vertical
- **Particle Retention** : 0.3 Micron & Above
- **Noise Level** : 60 decibel on "A" Scale  $\pm$  5
- **Velocity** : 90 feet / Minute  $\pm$  20
- **Work table** : IS 304 Grade Stainless Steel surface
- **Front door** : 4 mm thick Polycarbonate – Sliding Type
- **Side Panel** : 4 mm thick Polycarbonate Sheet Panel
- **UV lamp** : Make – PHILIPS
- **Illumination** : LED Light Fittings
- **Pressure ( $\Delta$ P)** : Inclined Manometer /  
Magnehelic Gauge 0 – 25 mm range
- **Other accessories** : Gas inlet & Castor Wheels/Optional
- **Power Supply** : 5-15 Amp power point,  
230 V, Single phase, 50 HZ

HEPA Filter	
<b>Media</b>	Ultra Clean glass fiber paper – Imported
<b>Type</b>	Mini-Pleat HEPA Filter, Separator less
<b>Retention</b>	0.3 Micron
<b>Efficiency</b>	99.99%
<b>Grade</b>	H13 Rating

PRE Filter	
<b>Media</b>	Synthetic, Non-Woven Polyester Fibers
<b>Casing</b>	GI with PU coated frame
<b>Retention</b>	5 Micron & above
<b>Efficiency</b>	95%

## Material of Construction

### Option: 1

The cabinet made from galvanized iron 18 SWG Sheet metal with powder coating finish.

### Option: 2

The complete cabinet is made from IS 304 grade SS with stain finish.

### Optional :

- IQ/OQ Documents
- Particle measuring test

## Blower Assembly

- Outer rotor type blower system, consisting of dynamically & statically balanced aluminium centrifugal impeller driven by a single phase motor, enclosed in an PU coated GI casing & directly connected to the chamber

Direction of Flow	Vertical			
<b>Model No</b>	SH 0600	SH 0900	SH 1200	SH 1800
<b>Working Size (W X D X H)</b>	2 X 2 X 2 ft	3 X 2 X 2 ft	4 X 2 X 2 ft	6 X 2 X 2 ft

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### CONTACT US :

#### ■ Regional Office - Mumbai

A-222, Synthofine Industrial Estate,  
Off Aarey Road, Goregaon (East),  
Mumbai 400063, Maharashtra, India  
Tel: (+91) 22 29275832 / 49726273  
(+91) 9867599915

Name: Mr. Hiten Rana  
Email: [hiten@cspl.in](mailto:hiten@cspl.in)  
[crescent@cspl.in](mailto:crescent@cspl.in)

#### ■ Delhi

713 Vishwadeep Tower,  
District Centre, Janakpuri,  
New Delhi 110058, India  
Tel: (+91) 011 41018861  
(+91) 9872927145

Name: Mr. Raghuwinder Yadav  
Email: [raghu@cspl.in](mailto:raghu@cspl.in)  
[crescent@cspl.in](mailto:crescent@cspl.in)

#### ■ International Sales

C-114, Synthofine Industrial Estate,  
Off Aarey Road, Goregaon East,  
Mumbai 400063, Maharashtra, India.  
Tel: 29275835 / (+91) 9999162535

Name: Mr. Abhijeet Anand  
Email: [abhijeet@cspl.in](mailto:abhijeet@cspl.in)  
[crescent@cspl.in](mailto:crescent@cspl.in)

#### ■ Chennai

12/202, Ground Floor, 52nd Street,  
7th Avenue, Ashok Nagar,  
Chennai 600083, India  
Tel: (+91) 044 45022263  
(+91) 9884266900

Name: Mr. G. Palaniappan  
Email: [palani@cspl.in](mailto:palani@cspl.in)  
[crescent@cspl.in](mailto:crescent@cspl.in)

#### ■ Bengaluru

# 1111/ 1112, 'B' Wing, 11th Floor,  
Mittal Towers, No.6, M G Road,  
Bengaluru 560001, Karnataka, India  
Tel: (+91) 080 41120733  
(+91) 9884266900

Name: Mr. G. Palaniappan  
Email: [palani@cspl.in](mailto:palani@cspl.in)  
[crescent@cspl.in](mailto:crescent@cspl.in)

#### ■ Hyderabad

201, Lingapur House,  
Amrutha Estates, Himayatnagar,  
Hyderabad 500 029,  
Telangana, India  
Tel: (+91) 040 66848836 / 40102005  
(+91) 9949651182

Name: Mr. Ganesh .M  
Email: [ganesh@cspl.in](mailto:ganesh@cspl.in)  
[crescent@cspl.in](mailto:crescent@cspl.in)

#### ■ Ahmedabad

709, 7th Floor, Shitiratna Building,  
Opp. Panchwati Circle, Ambawadi,  
Ellis Bridge, Ahmedabad - 380006  
Tel: 079-26444180 / 40029180  
(+91) 9867599915

Name: Mr. Hiten Rana  
Email: [hiten@cspl.in](mailto:hiten@cspl.in)  
[crescent@cspl.in](mailto:crescent@cspl.in)

[www.cspl.in](http://www.cspl.in)