

Biosafety Cabinet Class II A2



Ettore Darvi

Biosafety Cabinet Class II A2 is an essential equipment for laboratories working with biological materials, providing a safe and sterile environment for handling potentially hazardous agents

Airflow Pattern :

- 70% of the air being recirculated through HEPA filters, creating a sterile environment within the cabinet
- 30% of the air being exhausted through external ducts, removing potentially hazardous particles and gases from the work area.

Applications :

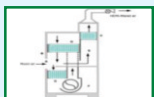
- **Microbiology** involves the handling of microorganisms, including bacteria, viruses, and fungi.
- **Cell culture** requires a sterile environment for the growth of cells.
- **Molecular biology** techniques include applications such as PCR (Polymerase Chain Reaction) and DNA sequencing.

Benefits :

- **Enhanced Safety** : BSCs provide a safe working environment for handling biological materials, reducing the risk of exposure to potentially hazardous agents.
- **Contamination Control** : The sterile environment created by the BSC helps to prevent contamination of the product or material being handled.
- **Compliance** : Using a BSC can help laboratories comply with biosafety regulations and guidelines.



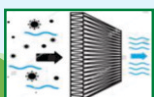
Product Description			
Model	Nominal Width	Inner Chamber (WxDxH) mm	Outer Chamber (WxDxH) mm
AS-BSC-A2-4MS	4 Ft.	1120 x 600 x 640 mm	1250 x 880 x 2215 mm
AS-BSC-A2-6MS	6 Ft.	1740 x 620 x 660 mm	1850 x 880 x 2215 mm
Customize size on request			



70% Recirculated & 30% Exhaust
30% Exhaust via HEPA filter, 70% Recirculated internally through HEPA Filter



UV Germicidal Lamp
Optional for added sterilization



HEPA Filter
Dual HEPA Filtration for Inflow and Exhaust



Microprocessor Control Panel
Intuitive and Programmable



Stainless Steel Interior
Easy to clean, Corrosion resistant



Low Noise, High Efficiency
Quiet operation with powerful blower



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