

# IF Biosafety Cabinets (BSC)

Biosafety Cabinet Class II/A2 BSC90,BSC120,BSC150

H13 99.99% @0.3um for ISO5 Class 100, U15 99.9995%@MPPS for ISO3 Class 10

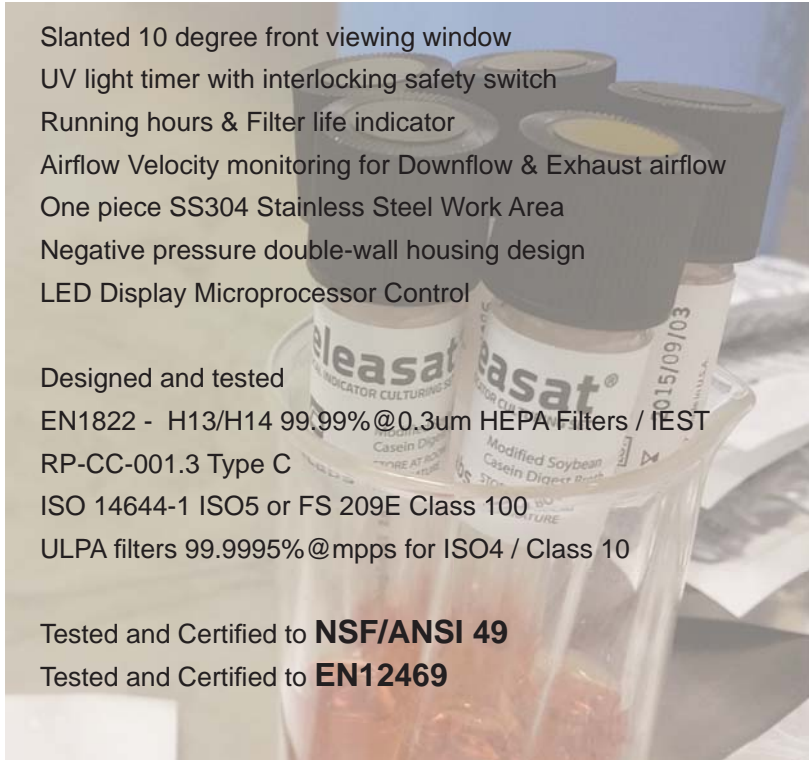


## Features

- Slanted 10 degree front viewing window
- UV light timer with interlocking safety switch
- Running hours & Filter life indicator
- Airflow Velocity monitoring for Downflow & Exhaust airflow
- One piece SS304 Stainless Steel Work Area
- Negative pressure double-wall housing design
- LED Display Microprocessor Control

Designed and tested  
EN1822 - H13/H14 99.99% @0.3um HEPA Filters / IEST  
RP-CC-001.3 Type C  
ISO 14644-1 ISO5 or FS 209E Class 100  
ULPA filters 99.9995% @mpps for ISO4 / Class 10

Tested and Certified to **NSF/ANSI 49**  
Tested and Certified to **EN12469**



CLYDE-IFC is an ISO9001:2008 Quality Managed System. The assurance of quality products and service testing. Quality scheduling management will ensure your cabinets are recertified and serviced on-time. We will ensure your cabinets are tested according to testing procedures and methodology. All our test equipment are serviced and calibrated with traceability to the international standards. Being Bizsafe Level 3 certified, we have high awareness of the importance of safety in aspects of industrial, chemical and biological safety. The safety mark which signifies our commitment to safe working practices especially in your premise.

Our engineers are either Accredited NSF49 Class II Biosafety cabinetry Field Certifier or NATA- registered laboratory laminar air flow services field certifiers. The assurance of your cabinets integrity. Our service engineers are able to provide all types of onsite servicing, maintenance, relocation, testing and re-certification services for biological safety cabinets, laminar flow work stations, clean room, HEPA filter installations and replacements.

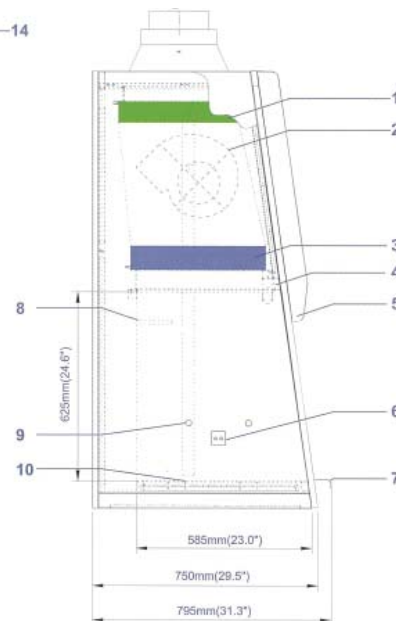
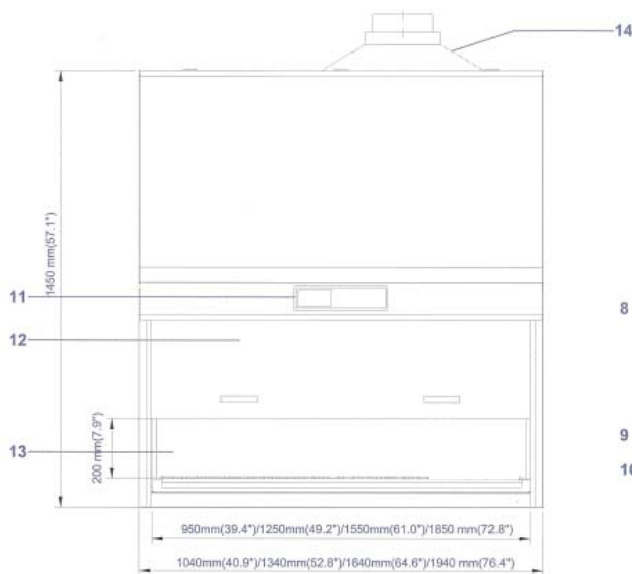
Since 1998, we have commissioned, serviced and recertify at least or more than 15,000 units of laminar air flow cabinets, biological safety cabinets, fume hoods and cytotoxic drug cabinets, with an average of 800 cabinets or installations per year. This is only possible with our honorable supportive customers and partners.

*Joseph Goh*  
NSF49 Class II Biosafety Cabinet Field  
Certifier Cert. No.: 2X890-02  
NATA Accredited Lab Biosafety Cabinetry  
Factory Certifier Nata Engrosey #1146

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1. Exhaust Filter
2. Blower
3. Downflow Filter
4. UV light
5. Fluorescent light
6. Universal Electrical Outlets (x2)
7. Stainless Steel Armrest
8. Downflow Sensor
9. Gas/ Vacuum/ Water tap
10. Stainless Steel Work Tray
11. Microprocessor Control Panel
12. Manual Sliding Sash
13. Single piece SS Back and Side Wall
14. Timble exhaust canopy (optional)

## Specifications

Model	BSC90	BSC120	BSC150
Type	Class II Type A2		
External Size (WxDxH) mm	1023x771x2255	1323x771x2255	1623x771x2255
Internal Size (WxDxH) mm	900x600x678	1200x600x678	1500x600x678
Internal Work Area m2	0.54	0.72	0.90
Airflow Velocity m/s	0.35 +/- 25%		
Material Main Body: Work Area:	Electrogalvanised Steel with oven baked epoxy powder coating SS304 Stainless Steel		
Side and Front Window	Manual Sliding Sash with 6mm Laminated /Safety glass Optional: Motorised Sliding Sash		
Max Front Opening Height mm	200 (8")		
HEPA filter	* H13/H14 99.99/99.999% @0.3um (Optional U15 99.9995% @0.3um)		
Noise Level dbA 1.5m	<62dBA		
Fluorescent Light Intensity LUX	>800-1200		
UV light	x1 20W	x1 30W	x1 40W
Internal Electrical Socket	x2 Waterproof Socket Total Load <450W		
Accessories: Gas Tap	Optional		
Floor Stand	Optional Floor Stand with Castor Wheels		
Total Full Load Ampere (with outlets )	7A	7A	9A
Power Supply	Single Phase 230V / 50Hz		
Power Consumption W	361	452	813
Net Weight kg	120	225	280
Gross Weight kg	175	295	350
Shipping Dimension mm	1125x945x1717	1425x945x1717	1728x945x1717
Air Quality ISO 14644-1 / FS209E	ISO 5 Class 100 / ISO4 Class 10		
Standards Certification	EN12469 / NSF49 / ISO9001:2008		