

## Biological Safety Cabinet

- Protection to Product the Operator and the environment
- HEPA Filter removes 99.97 % of 0.3  $\mu\text{m}$  Particles
- ULPA Filter removes 99.999 % of 0.1  $\mu\text{m}$  Particles (Optional)
- Front Air Curtain to Establish Operator Protection
- Microprocessor Digital Controller and Digital Display
- UV and Fluorescent Lamp, Air and Gas Cock, Power Consent
- Filter Replacement Warning Function (Visual)
- Silent Vibration Free DC Brushless Blower ensures the noiseless operation and Anti-Vibration Construction Provides an efficient working environment
- Tempered Safety Glass Sliding Door for Protection from UV exposure
- Safety UV Protection System
- Optimized Air Flow System for Uniform Air Flow/ Velocity
- Corrosion Resistant 304 Stainless Steel working table.



## Technical Specifications

Models		“SSBC-3”	“SSBC-4”	“SSBC-6”
Dimension (WxDxH)	Interior (mm)	900 x 600 x 600	1200 x 600 x 600	1,800 x 600 x 600
Air Flow Velocity	Inflow	Average 0.45 m/s (90 fpm)		
	Downflow	Average 0.31 m/s (61 fpm)		
Air Volume		1,350 m²/h	1700 m²/h	2,030 m²/h
Exhaust HEPA Filter		0.3 µm particle Removal 99.97%		
Down flow HEPA Filter		0.3 µm particle Removal 99.97%		
Down flow ULPA Filter		0.1/ 0.3 µm Particle Removal 99.999 % (Optional)		
Prefilter		3 ~ 30 µm Particle Removal		
Display		Digital Display		
Controller		Microprocessor Digital Controller		
Lamp		1 x UV 3 Feet , 1 x FL 20W	2 x UV 40W, 2 x FL 40W	
Noise Level		56 ~ 60dBA		
Door type		Tempered Safety Glass Sliding Door		
Utility Device		1 x Air Cock, 1 x Gas Cock, 1 x 220 V Consent		
Material		Internal : Stainless Steel, External : Powder Coated Steel		
Power Supply		1 Phase, AC 220 V, 50 Hz		

NOTE: Technical specification & design are subject to change without prior notice due to continuous upgradation

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