

Biological Safety Cabinet

- SEMCO Hoods incorporate a sleek exterior with a molded one-piece fiberglass liner. Hoods are basically designed for safety of the personnel working within the lab by maintaining negative pressure inside the hood compared to that within the lab. It will have double skinned construction to make it safer.
- Laboratory Hoods are offered in 4', 6' and 8' widths so their dimensions exactly match standard laboratory casework. Choose from hoods designed to be used with a remotely-located blower or hoods that include a built-in blower.
- DESIGN – The design of the SEMCO Fume Hood provides you with maximum safety at minimum cost. Incorporating standard options, such as combination sashes and sash stops, allows you to maintain face velocities while exhausting less air. Hence, the SEMCO Fume Hood costs less to operate than other conventional units.
- Large 24 " sash opening offers superior viewing. Vertical-rising tempered safety glass sash is anti-racking for smooth operation.
- Color-coded service fixtures for gas, air, water, vacuum and other services have remote controls for use regardless of the sash position. Three service fixtures are pre-plumbed on fixtured models.



Technical Specifications

Models & Air Flow-type		"SSBC-3"	"SSBC-4"	"SSBC-6"
Dimension (WxDxH)	Interior	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)		
	Down flow	Average 0.31 m/s (61 fpm)		
Air Volume		1,350 m ² /h	1700 m ² /h	2,030 m ² /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		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 20W, 1 x FL 20W	1 x UV 40W, 1 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		

SEMCO SCIENTIFIC PRIVATE LIMITED

9C/91, Vrindavan Yojna, Raebareli Road, Near NKM School, Lucknow – 226029, U.P.

info@semcoscientific.in / semcoscientific@gmail.com / www.semcoscientific.in

+91-9918227744 / +91-6388224590 / 0522-3569875