



## EN Certified Biological Safety Cabinet

### Features:

- ◆ Large LCD display, all information displayed.
- ◆ Automatic air speed adjustable with filter block.
- ◆ With memory function in case of power-failure.
- ◆ Side & back wall is made up of single piece stainless steel.
- ◆ Interlock function: UV lamp and front window; UV lamp and blower, fluorescent lamp; Blower and front window.
- ◆ Front 10° slanted to offer operator comfort while working for long time, reduce glare and maximize reach into the work area.



### Technical Specifications:

Model		BSC-3FA2 (3")	BSC-4FA2(4")
External Size(W*D*H)		1087*775*2265mm	1383*775*2295mm
Internal Size(W*D*H)		910*600*660mm	1210*600*660mm
Work Surface Height		750mm	
Max Opening		520mm (2V)	550mm (22")
Tested Opening		Safety height 200mm (8")	
Airflow Volume	Inflow Downflow Exhaust	348m <sup>3</sup> /h (205cfm)	462m <sup>3</sup> /h (272cfm)
		65%: 649m <sup>3</sup> /h (382cfm)	65%: 863m <sup>3</sup> /h (507cfm)
		35%: 348m <sup>3</sup> /h (205cfm)	35%: 462m <sup>3</sup> /h (272cfm)
Front Window		Manual. Two-layer laminated toughened glass 25mm. Anti UV	
HEPA Filter		Two, 99.999% efficiency at 0.3pm, filter life indicator	
Filter Guard Type		Aluminum alloy frame	
Noise		NSF 49^61 dB/EN 12469^58dB	
Illumination		≥1000LUX	
Display		LCD Display	
Waterproof Socket		2, Total consumption:≤500W	
Tap		Water tap*1, Gas tap*1	
Ground Resistance		≤0.10Q	
Power Supply		AC230V, 50Hz	
Consumption		≤500W	≤600W
Alarm		Abnormal airflow velocity; Filter replacement; Front window at unsafe height	
DC Motor		One ECM motor, 230V acceptable, Speed adjustable, high efficiency and low power consumption	
Material		Working area: 304 stainless steel Frame and decorative plate: cold-rolled steel with anti-bacteria power coating	
UV Lamp		18W	30W
		Germicidal UV lamp, Emission of 253.7 nanometers for most efficient decontamination	
Fluorescent lamp		21W*2	28W*2
Standard Accessory		Fluorescent lamp, UV lamp*2, Base stand. SS water & gas taps, Drain valve, Waterproof sockets, Stainless steel LV. bar with 10 hooks	
Optional Accessory		Armrest, Airflow tester, Formalin fumigation sterilizer, Infrared sterilizer. Remote control, Electric height adjustable base stand, Motorized front window	
Package Size (W*D*H)		1220*1000*1840mm	1540*1080*1900mm
Gross Weight		270kg	334kg