



NSF Certified Class II A2 Biological Safety Cabinet



LCD Display
Large LCD display is easy to monitor all the safety parameters at a glance; and ergonomically sized control panel improves users interface.



Front Window
Two-layer laminated toughened glass > 5mm, anti UV



Footmaster Caster
Universal caster with brake and leveling feet.



SS Water Tap & Gas Tap



Waterproof Socket



Work Zone
Unibody design



UV Lamp
Emission of 253.7 nanometers for most efficient decontamination.

ADVANTAGE

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

TECHNICAL PARAMETERS

Model		11235BBC86(3')	BSC-4FA2(4')	11236BBC86(6')
External Size(W*D*H)		1087*775*2265mm	1383*775*2295mm	1873*775*2295mm
Internal Size(W*D*H)		910*600*660mm	1210*600*660mm	1700*600*660mm
Work Surface Height		750mm		
Max Opening		520mm (21")	550mm (22")	550mm (22")
Tested Opening		Safety height 200mm (8")		
Airflow Volume	Inflow	348m³/h (205cfm)	587m³/h (275cfm)	824m³/h (382cfm)
	Downflow	65%: 649m³/h (375cfm)	60%: 863m³/h (498cfm)	60%: 1212m³/h (700cfm)
	Exhaust	35%: 348m³/h (211cfm)	40%: 587m³/h (287cfm)	40%: 824m³/h (394cfm)
Front Window		Motorized. Two-layer laminated toughened glass ≥5mm. Anti UV		
HEPA Filter		Two, 99.999% efficiency at 0.3µm, filter life indicator		
Filter Guard Type		Aluminum alloy frame		
Noise		NSF 49≤61dB / EN 12469≤58dB		
Illumination		≥1000Lux		
Display		LCD Display		
Waterproof Socket		Two, Total consumption: ≤500W		
Tap		Water tap*1, Gas tap *1		
Ground Resistance		≤ 0.10Ω		
Power Supply		AC220V±10%, 50/60Hz; 110V±10%, 60Hz, Full load Amps: 9A, BTU/Hr: 1689		
Consumption		300W	400W	500W
Alarm		Abnormal airflow velocity; Filter replacement; Front window at unsafe height		
DC Motor		One ECM motor, 110V&220V 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	40W
		Germicidal UV lamp, Emission of 253.7 nanometers for most efficient decontamination		
Illuminating Lamp		10W*2	18W*2	22W*2
		LED lamp		
Standard Accessory		Illuminating lamp, UV lamp*2, Base stand, SS water & gas taps, Drain valve, Waterproof sockets, Stainless Steel I.V. Bar with 10 hooks		
Optional Accessory		Armrest, Airflow tester, Formalin fumigation sterilizer, Infrared sterilizer, Remote control, Electric height adjustable base stand		
Package Size (W*D*H)		1220*1000*1840mm	1540*1080*1900mm	2020*1080*1900mm
Gross Weight		270kg	334kg	363kg

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LCD display for BSC-4FA2-GL and BSC-6FA2-GL



LCD display for BSC-4FA2-NA and BSC-6FA2-NA

LCD Display

Large LCD display is easy to monitor all the safety parameters at a glance; and ergonomically sized control panel improves users interface.



Exhaust Thimble canopy(Optional)



Stainless Steel I.V. Bar with 10 hooks



Front Window

Two-layer laminated toughened glass>5mm, anti UV



Footmaster Caster

Universal caster with brake and leveling feet.



SS Water Tap & Gas Tap



Waterproof Socket



Work Zone

Unibody design



UV Lamp

Emission of 253.7 nanometers for most efficient decontamination.

ADVANTAGE

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

TECHNICAL PARAMETERS

Model	BSC-4FA2-GL(4')	BSC-6FA2-GL(6')	BSC-4FA2-NA(4')	BSC-6FA2-NA(6')
External Size(W*D*H)	1383*775*2295mm	1873*775*2295 mm	1383*775*2295mm	1873*775*2295 mm
Internal Size(W*D*H)	1210*600*660 mm	1700*600*660 mm	1210*600*660 mm	1700*600*660 mm
Work Surface Height	750mm			
Max Opening	550mm (22")			
Tested Opening	Safety height 254mm (10")			
Airflow Volume	Inflow	587m³/h(347cfm)	824m³/h(485cfm)	587m³/h(347cfm)
	Downflow	60%:863m³/h(508cfm)	60%:1212m³/h(713cfm)	60%:863m³/h(508cfm)
	Exhaust	40%:587m³/h(347cfm)	40%:824m³/h(485cfm)	40%:587m³/h(347cfm)
Front Window	Motorized. Two-layer laminated toughened glass ≥5mm. Anti UV.			
HEPA Filter	Two, 99.999% efficiency at 0.3um, filter life indicator			
Filter Guard Type	Aluminum alloy frame			
Noise	NSF 49s61dB / EN 12469s58dB			
Illumination	≥1000Lux			
Display	LCD Display			
Waterproof Socket	Two, Total consumption: ≤500W			
Tap	Water tap*1, Gas tap *1			
Ground Resistance	≤ 0.10Ω			
Power Supply	AC220V±10%, 50/60Hz; 110V±10%, 60Hz, Full load Amps: 9A, BTU/Hr: 1689			
Consumption	400W	500W	400W	500W
Alarm	Abnormal airflow velocity; Filter replacement; Front window at unsafe height			
DC Motor	One ECM motor, 110V& 220V acceptable, Speed adjustable, high efficiency and low power consumption			
Material	Working area: 304stainless steel Frame and Decorative Plate: cold-rolled steel with anti-bacteria power coating.			
UV Lamp	30W	40W	30W	40W
	Germicidal UV lamp, Emission of 253.7 nanometers for most efficient decontamination			
Illuminating Lamp	18W*2	22W*2	18W*2	22W*2
	LED lamp			
Standard Accessory	Illuminating lamp, UV lamp *2, Base stand, SS water & gas taps, Drain valve, Waterproof sockets, Stainless Steel I.V. Bar with 10 hooks			
Optional Accessory	Armrest, Airflow tester, Formalin fumigation sterilizer,Infrared sterilizer, Electric height adjustable base stand, Remote control, Thimble canopy			
Package Size (W*D*H)	1540*1080*1900mm	2020*1080*1900mm	1540*1080*1900mm	2020*1080*1900mm
Gross Weight	340kg	370kg	340kg	370kg