

# Biological Safety Cabinet

Serving the Scientific, Medical and Research industries since 1945



## The NSF Certified Biological Safety Cabinet

is the ideal choice for protection of the operator, sample and environment. These units feature 60% air recirculation and 40% air exhaust, and are suitable for working with microbiological research in the absence of volatile or toxic chemicals and radionuclide.

### Features:

- \* Motorized front window.
- \* Large LCD display.
- \* Adjustable air speed.
- \* Memory function in case of power failure.
- \* Side and back wall constructed from single piece of stainless steel for cleanliness.



Large LCD Display to monitor all safety parameters at a glance.



Stainless Steel I.V. Bar with 10 hooks

<p><b>Front Window:</b> Two-layer laminated toughened glass, anti-UV</p>	<p><b>Work Zone:</b> Unibody design</p>	<p><b>Stainless Steel Taps:</b> Water and gas supply</p>	<p><b>Waterproof Socket:</b> Two per cabinet</p>	<p><b>UV Lamp:</b> Emission of 253.7 nanometers for most efficient decontamination</p>

**LABEC**  
Laboratory Equipment Pty Ltd

Laboratory Equipment Pty Ltd  
email: sales@labec.com.au  
Ph: 02 9560 2811 • Fax: 02 9560 6131  
www.labec.com.au

# SPECIFICATIONS

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Model	BSC-4FA2-GL(4')		BSC-6FA2-GL(6')	
External Size (W*D*H) mm	1383x775x2295		1873x775x2295	
Internal Size (W*D*H) mm	1210x600x660		1700x600x660	
Work Surface Height	750mm			
Max Opening	550mm (22")			
Tested Opening	Safety height 254mm (10")			
Airflow Volume	Inflow	587m3/h (347cfm)	824m3/h (485cfm)	
	Down flow	60%: 863m3/h (508cfm)	60%: 1212m3/h (713cfm)	
	Exhaust	40%: 587m3/h (347cfm)	40%: 824m3/h (485cfm)	
Front Window	Motorized. Two-layer laminated toughened glass $\geq$ 5mm. Anti UV.			
HEPA Filter	Two, 99.999% efficiency at 0.3um, filter life indicator			
Filter Guard Type	Aluminum alloy frame			
Noise	NSF 49 $\leq$ 61 dB / EN 12469 $\leq$ 58 dB			
Illumination	$\geq$ 1000Lux			
Display	LCD Display			
Waterproof Socket	Two, Total consumption: $\leq$ 500W			
Tap	Water tap x 1, Gas tap x 1			
Ground Resistance	$\leq$ 0.10 $\Omega$			
Power Supply	AC220 $\pm$ 10%, 50/60Hz, Full load Amps: 9A, BTU/Hr: 1689			
Consumption	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 powder coating			
UV Lamp	30W		40W	
	Germicidal UV lamp, Emission of 253.7 nanometers for most efficient decontamination			
Illuminating Lamp	18W x 2		22W x 2	
	LED lamp			
Standard Accessory	Illuminating lamp, UV lamp x 2, Base stand, SS water & gas taps, Drain valve, Waterproof sockets, Stainless Steel I.V. Bar with 10 hooks			
Gross Weight	340kg		370kg	

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