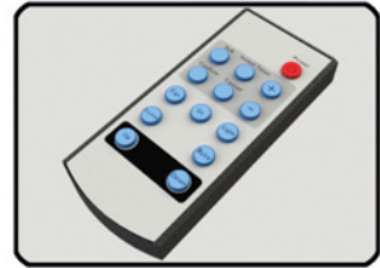# BIOSAFETY CABINET

Class II A2 EN12469:2000

Cod. ES-BBC8611237
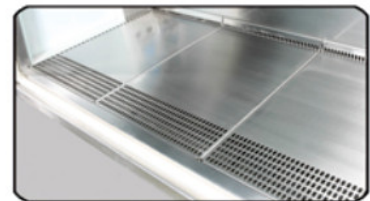

The hinged front window can be fully opened for easy and thorough cleaning of the unobstructed rear wall and all interior surfaces.
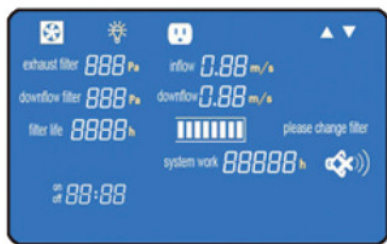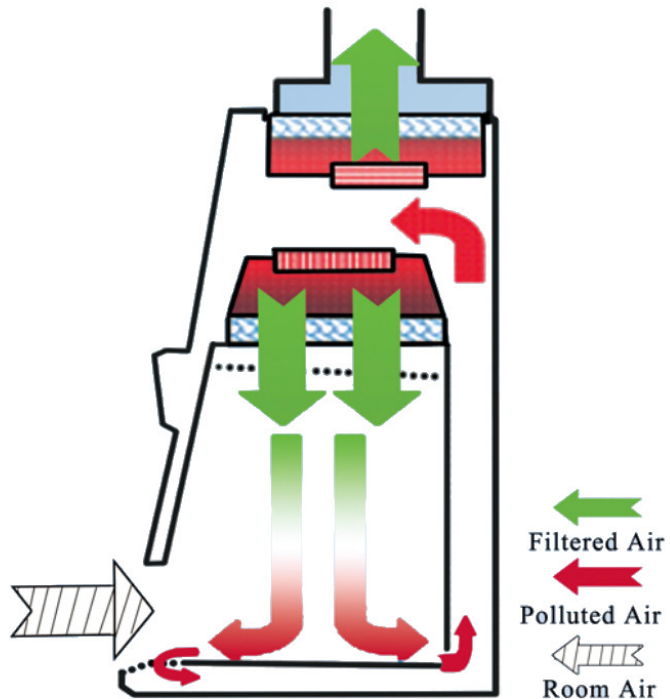

Digital LCD display is easy to monitor all the safety parameters at a glance; and ergonomically control panel improves user interface.

Remote control for easy operations

Waterproof Socket

Three pieces 304 stainless steel work table

Class II Biosafety Cabinet **ES-BBC8611237** delivers maximum safety, comfort and convenience. Featuring an advanced design for easy operation and maximum safety, it could be used wherever protection is of paramount importance in safety levels 1 to 3, including research, pharmaceutical quality control labs, pharmacies, clinics and hospitals.

• The hinged front window can be fully opened for easy and thorough cleaning of the unobstructed rear wall and all interior surfaces.

• The transparent side glass windows maximize light and visibility inside the cabinet, providing a bright and open working environment.

• The 10° Sloped front allows an ergonomic, fatigue-free working posture.

• The front window is motorized for convenient, one-hand operation. The window control is mounted on the front control panel.

• When fully lowered the front window, it seals automatically against a closed-cell peripheral gasket to isolate the interior and prevent escape of contaminants during decontamination.

• Front window can be closed manually in case of power failure.

TECHNICAL SPECIFICATIONS

Cod.	**ES-BBC8611237**
Internal Size (W x D x H mm)	**1300 x 790 x 2310 mm**
External Size (W x D x H mm)	**1200 x 600 x 770 mm**
Work Surface Height	**750 mm**
Max Opening	**480 mm**
Tested Opening	**Safety Height ≤ 200 mm**
Average Airflow Velocity	**Inflow: 0.5 ±0 .025m/s (98.4fpm), Down flow: 0.36±0 .025m/s (7 1 fpm)**
Airflow Volume	**Inflow: 430m³/ h(270cfm), Downflow: 720m³/ h(430cfm)**
	Exhaust: 360m³/ h(220cfm)
Airflow System	**70% Air Recirculation, 30% Air Exhaust**
Noise	**EN 12469 ≤ 60dB**
HEPA Filter	**efficiency 99.999% at 0.3 um**
Illumination	**≥ 1000Lux**
UV Lamp (Optional)	**30W germicidal UV lamp. Emission of 253.7 nanometers for most efficient decontamination**
Material	**Main body: Cold-rolled steel coated with anti-bacteria powder**
	Work surface: 304 stainless steel,three pieces
	Side and front window: Two-layer laminated toughened glass
Power Supply 220 – 140 V AC 50Hz	**Cabinet consumption/Amp: 430W/ 2 .1A**
	Total load of 4 sockets: : ≤ 500W
	Socket amp fuse: 6.3A
	BTU/Hr: 1466
Standard Accessory	**4 x Waterproof sockets, Base stand, Remote control,** Fluorescent lamp, **Drain valve**
Optional Accessory	**Armrest, Airflow tester, Formanlin fumigation sterilizer, Infrared sterilizer**
Gross Weight	**300 kg**
Package Size (W x D x H mm)	**1480 x 1000 x 1760**