

# ***BIOSAFETY CABINET C1***



## Model No. Biosafety Cabinet ELK-BC23C1

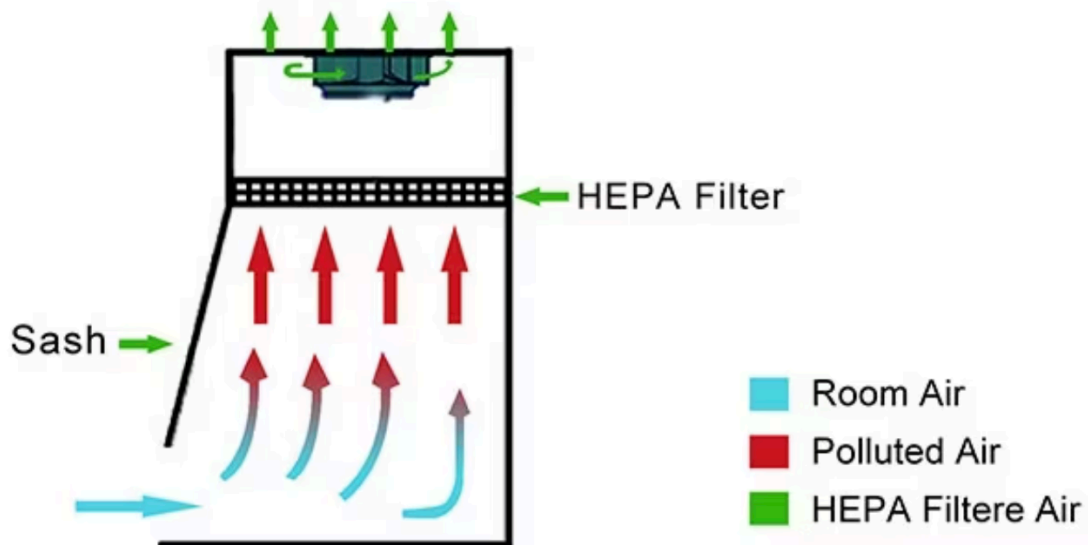
### Use:

An enclosed, ventilated laboratory workspace for safely working with contaminated materials providing personnel and environmental protection for hospital laboratories

### Personnel and environmental protection

1. Class I Biosafety Cabinet does not protect the product from contamination because un-purified room air constantly enters into work area.
2. As a partial containment unit, the Class I Biosafety Cabinet is suitable for work involving low to moderate risk agents (Biosafety Levels 1, 2 and 3) where there is a need for containment, but not for product protection.
3. Unlike conventional fume hood, the HEPA filter in the Class I Biosafety Cabinet protects the environment by filtering air before it is exhausted.
4. With the negative pressure, personnel protection is made possible by constant movement of air into the work area.

**Air Pattern of Class I Biosafety Cabinet:**



## Features

1. Soft touch control panel, LCD display.
2. UV lamp for sterilization.
3. Stable air flow system; provide firm protection to person and environment.
4. Energy-saving, high efficiency, low noise.
5. One piece 304 stainless steel work stable, easy for cleaning.
6. Fan speed controller

<b>Model</b>	<b>ELK-BC23C1</b>
<i>External Size(W*D*H)</i>	1100*695*1924mm
<i>Internal Size(W*D*H)</i>	968*695*700mm
<i>HEPA Filter</i>	99.999% efficiency at 0.3 μm
<i>Airflow Velocity</i>	0.38-0.6m/s
<i>Noise</i>	NSF 49≤61 dB/EN 12469≤50 dB
<i>Fluorescent Lamp</i>	21W*1 600lux fluorescent lighting
<i>UV Lamp</i>	18W*1
	Emission of 253.7 nanometers for most efficient decontamination
<i>Power Consumption</i>	400W
<i>Work Surface Height</i>	740mm
<i>Caster</i>	Universal caster
<i>Main Body Construction</i>	Cold-rolled steel with anti-bacteria powder coating
<i>Work Table</i>	304 stainless steel
<i>Power Supply</i>	AC220V±10%,50/60Hz;110V±10%,60Hz
<i>Standard Accessory</i>	Fluorescent lamp, UV lamp*2, base stand
<i>Gross Weight</i>	150kg
<i>Package Size(W*D*H)</i>	1270*880*2230mm
<i>Glass</i>	Safe glass class 100 sterile air pressure