

# NSF CERTIFIED CLASS II A2 BIOLOGICAL SAFETY CABINET

## TECHNICAL PARAMETERS

MODEL	NSF-4
Work Surface Height	750 mm
Inflow Volume	462 m <sup>3</sup> /h
Downflow Volume	60%: 863 m <sup>3</sup> /h
Exhaust Volume	40%: 462 m <sup>3</sup> /h
Airflow System	60% air recirculation, 40% air exhaust
Front Window	Motorized
Max Opening	550 mm
Tested Opening	Safety height 200 mm
HEPA Filter	Two, 99.999% efficiency at 0.3 μm
Noise	NSF 49 ≤61dB / EN 12469 ≤58dB
Illumination	≥1000 Lux
Display	LCD display: exhaust filter and downflow filter pressure, filter and UV lamp working time, inflow and downflow velocity, filter life, humidity and temperature, system working time, etc.

## DESCRIPTION

Biological Safety Cabinet is necessary equipment in the laboratory when operator need to apply protective measures, such as in medical and health, pharmacy, medical research. This equipment provides a safety working environment through negative pressure filtration system for protecting operator, laboratory environment and work materials. Also, it totally meets that international standard for biological cabinet: NSF/ANSI 49-2012.



Ecoshel reserves all the rights to changes in product design, if there are any design change, we will not inform in advance.

UV Lamp	30 W, emission of 253.7 nm
LED Lamp	18 W
External Size	1383 x 775 x 2295 mm
Internal Size	1210 x 600 x 660 mm
Gross Weight	334 kg
Material	Front Window: Two-layer laminated toughened glass $\geq 5$ mm Work Zone: 304 stainless steel (S.S.) Main Body and Base: Cold-rolled steel with anti-bacteria powder coating
Consumption	400 W
Power Supply	AC 110V $\pm$ 10%, 60Hz

## STANDARD ACCESSORIES

1. Base stand with footmaster caster
2. LED lamp
3. UV lamp
4. S.S. water and gas taps
5. Stainless steel I.V. bar with 10 hooks
6. Waterproof sockets
7. Drain valve

## KEY FEATURES

1. Intuitive control panel and soft keys.
2. Visual and audio alarm when filter replacement, front window at unsafe height and abnormal airflow velocity.
3. Interlock function: UV lamp and front window; UV lamp and blower; UV lamp and LED lamp; blower and front window.
4. Front 10° slanted to offer operator comfort while working for long time, reduce glare and maximize reach into the work area.

## OPTIONAL ACCESSORIES

1. Remote control

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