

CLASS II A2 BIOLOGICAL SAFETY CABINET

TECHNICAL PARAMETERS

MODEL	IIA2
Inflow Velocity	0.53 ± 0.025 m/s
Downflow Velocity	0.33 ± 0.025 m/s
Airflow System	70% air recirculation, 30% air exhaust
Front Window	Motorized
Max Opening	370 mm
Tested Opening	Safety height 200 mm
HEPA Filter	Two, 99.999% efficiency at 0.3 µm
Noise	EN12469 ≤58 dB / NSF49 ≤61 dB
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.
UV Lamp	15 W, emission of 253.7 nm
LED Lamp	8 W
Work Surface Height	750 mm with optional base stand
External Size	700 x 650 x 1230 mm
Internal Size	600 x 500 x 540 mm
Gross Weight	121 kg

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. Type A2 Cabinet is suitable for working with microbiological research in the absence of volatile or toxic chemicals and radionuclide.



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



Material	Front Window: 5 mm toughened glass Work Zone: 304 stainless steel Main Body: Cold-rolled steel with anti-bacteria powder coating
Consumption	500 W
Power Supply	AC 110V±10%, 60Hz

STANDARD ACCESSORIES

1. Waterproof sockets
2. Remote control
3. Keys
4. LED lamp
5. UV lamp
6. 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. Small dimension, save space.

OPTIONAL ACCESSORIES

1. Base stand
2. Gas tap
3. Water tap

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