

# 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, safety height: 200 mm   |
| HEPA Filter       | Two, 99.995% efficiency at 0.3 µm  |
| Noise             | ≤65 dB   |
| Display           | LCD display  |
| UV Lamp           | 15 W, emission of 253.7 nm   |
| LED Lamp          | 8 W  |
| External Size     | 700 x 650 x 1280 mm  |
| Internal Size     | 600 x 500 x 540 mm   |
| Gross Weight      | 125 kg   |
| Material          | Front Window: Laminated tempered glass<br>Work Zone: 304 stainless steel<br>Main Body: Cold-rolled steel with anti-bacteria powder coating |
| Consumption       | 500 W  |
| Power Supply      | AC 110V±10%, 60Hz  |

## 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.

## ***STANDARD ACCESSORIES***

1. Waterproof sockets
2. Remote control
3. Keys
4. LED lamp
5. UV lamp
6. Foot switch

## ***KEY FEATURES***

1. LCD screen and intuitive control panel.
2. Key switch to prevent access by unauthorized users.
3. Visual and audible alarms indicate when the filters need to be changed, when the front window is at an unsafe height, and when the airflow velocity is abnormal.
4. Automatic shutdown of the UV lamp when the front window is opened.

## ***OPTIONAL ACCESSORIES***

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

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