

# VERTICAL LAMINAR FLOW CABINET

## DESCRIPTION

Laminar flow cabinets are designed to protect samples and create partial particles-free environment by taking air through a filtration system and exhausting it across a work surface in a laminar or unidirectional air stream. The main function is to make sure the accuracy of experiment at the operating area, so it is only for sample protection. However, it could not protect the environment or operators. It is enclosed on the sides and kept under constant positive pressure to prevent the infiltration of contaminated room air.

## TECHNICAL PARAMETERS

MODEL	ECO-V1800
Work Surface Height	750 mm
Airflow Velocity	0.3-0.5 m/s, air speed adjustable
Front Window	Motorized
Max Opening	430 mm
HEPA Filter	99.999% efficiency at 0.3 $\mu$ m
Pre-Filter	Polyester fiber, washable
Noise	<65 dB
UV Lamp	40 W, emission of 253.7 nm
LED Lamp	16 W
External Size	1800 x 750 x 2040 mm
Internal Size	1700 x 645 x 610 mm
Gross Weight	306 kg
Material	Side and Front Windows: 5 mm toughened glass Work Table: 304 stainless steel Main Body and Base: Cold-rolled steel with anti-bacteria powder coating
Consumption	450 W
Power Supply	AC 110V $\pm$ 10%, 60Hz



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. Base stand
3. LED lamp
4. UV lamp
5. Gas tap

## ***KEY FEATURES***

1. Universal caster with leveling feet.
2. LCD Display: airflow velocity, UV timer, system work time, LED light and sockets.
3. Transparent side glass windows maximize light and visibility inside the cabinet, providing a bright and open working environment.



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