

# VERTICAL LAMINAR FLOW CABINETS





### CHARACTERISTICS

Laminar flow speed m<sup>3</sup>  
/ h-m/s

AH-100: 1250 - 0.40  
MH-100: 1575 - 0.40  
BH-100: 1900 - 0.40

Power (kW / kg)

AH-100 0.5 / 140  
MH-100 1.0 / 160  
BH-100 1.0 / 190

Lighting  
≥1000 lux

Noise  
<60 dBA.

Filters  
Filters HEPA / ULPA H14  
Efficiency of 99.999%  
(DOP) Class 10

Ventilators

High efficiency  
centrifugals with high  
speed regulation.

Feeding

230 V-50 Hz single  
phase (others according  
to order)

### \* TECHNICAL DESCRIPTION

Particularly indicated for the manipulation of non-pathogenic biological samples, cell and tissue cultures, microbiological tests, preparation of pharmaceutical products, etc.

### \* GENERAL CHARACTERISTICS

Outdoor furniture in laminated steel, lacquered and dried in the furnace, advanced design which allows changing the filters from the inside of the cabinet, reduce the external dimensions and maintain the amplitude of the working area.

Working area in polished stainless steel, divided into three removable and autonailable pieces.

Frontal and sides of tempered glass, resistant to UV rays. Frontal with pneumatic piston elevators.

Construction according to International Standards, with high quality components and easy maintenance.

All needs are covered by four different lengths.

### \* CONTROL SYSTEM

Digital control screen with LCD display, including:

- Speed selection: Normal or Stand by.
- Pressing for irradiation U.V. with the possibility of programming exposure time.
- Luminaire indicators for the state of different components of the cabinet: air speed, lighting, UV, filter clogging (optional).
- Warning alarm light.
- Adjustment of the ventilator speed.
- Counters of the timing of the cabinet operation and U.V.

Button on / off.

Electrical socket connection for the interior of the cabinet.

Final quality control and certification for each equipment with the T results.

### \* AVAILABLE OPTIONS

- Extraction box with active carbon filter
- Bench support
- Germicidal Kit lamp U.V.
- Outlets for gas /vacuum/ nitrogen
- Clogging optical alarm of the absolute HEPA/ULPA filter
- Gas flame control lighter I.R. and pedal