



# HORIZONTAL LAMINAR FLOW CABINET

## Models FLH

### CARACTERÍSTICAS

- Flow Laminar Horizontal to provide protection cabin full working equipment. Equipped with centrifugal motor blower protected against overloads and exceptionally quiet.
- Recycled air is filtered by an absolute filter HEPA H14 (99.995% efficiency MPPS exhausted policy) and is sent to the workspace at a speed of  $0.5 \text{ m/s} \pm 0.1$ .
- Workspace keeps flow conditions laminar air purity ISO 5 (according to ISO 14644) type or class 100 (according to Fed.) Std. 209).
- Built in AISI 304 stainless steel work surface.
- Unit controlled by microprocessor with memory upgradable FLASH and an external display for easy viewing parameters control cabin (speeds, flow rates and plenum pressure).
- The Unit has a tactile user-friendly for white illumination control panel / ultraviolet, internal electrical, gas valve (optional) and parameters.
- Automatic electronic regulation of motor blower speed system to accommodate progressive saturation of the filter and protection conditions.
- Fluorescent lighting and ultraviolet.



- Working voltage 220V 50 Hz. maximum consumption current 2 a. (approx. 500 w).
- The CAB series includes light U.V.; 220 Volt outlet.
- Accessories Opcional:
- Vacuum and gas conexión.



### MAIN OFFICE

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### DELEGATIONS

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### TECHNICAL SPECIFICATIONS

MODEL	FLH-1100	FLH-1500	FLH-1800
Internal dimensions (mm) (W*D*H)	1000 x 500 x 600	1400 x 500 x 600	1700 x 500 x 800
External dimensions (mm) (W*D*H)	1100 x 808 X 1690	1500 x 808 X 1690	1800 x 808 X 1890
Transport dimension (mm) (W*D*H)	1250 x 1030 x 1340	1650 x 1030 x 1340	1950 x 1050 x 1550
Weight(kg)	170	185	240
Material	Built in AISI 304 stainless steel work surface		
Control unit	Unit controlled by microprocessor with memory upgradable FLASH		
Display	LCD display		
Main Filter	Hepa Filter H14 99,995% mpps efficiency as EN 1822		
Speed laminar flow	0,30 -- 0,50 m/s		
Work Surface Height	750 mm		
Air Clasification	Class 10		
Noise level	≤ 60 db		
White light	≥ 680 lux		
Ultraviolet	20 W x 1	30 W x 1	20 W x 2
Voltage	220 v, 50/60 hz		
Power	200 w	300 w	400 w

### REFERENCES

Reference	Description
425-FLH1100	Horizontal Laminar Flow 1100 model FLH
425-FLH1500	Horizontal Laminar Flow 1500 model FLH
425-FLH1800	Horizontal Laminar Flow 1800 model FLH



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