



LAMINAR HORIZONTAL AIRFLOW CABINET

Three models available from 120 cm to 180 cm wide.

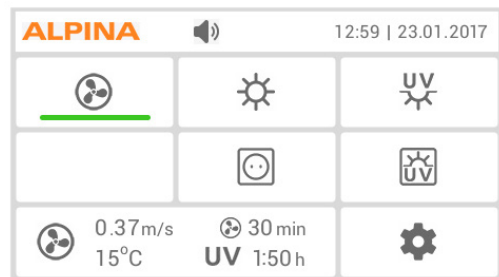


ALPINA



LAMINAR MESH

Specially designed mesh with proper decomposition of inlet holes organizes air flow and guarantee consistent air flow. The laminar mesh is a wonderful protection for HEPA filter guards it against accidental damages during the work.



TOUCHABLE CONTROL PANEL

Readable, touch screen with a diagonal 4.3 inches that can be operated even wearing gloves. The system created from pictograms provides intuitive operation and access to the most important chamber functions without entering the lower levels of the menu.



LOW NOISE

Comfortable work is ensured by the silent-running, electronically controlled fans type EC. Moreover, specially designed system distribution of air inside the cabinet provide parallel air flow.

133

CHAMBERS

We have done for customers in version H.

24

MONTHS

Time for which the H series chambers have a warranty.



LOW POWER CONSUMPTION

Application of the newest ventilators EC type and cost-effective illumination reduced the electrical energy consumption about 76% in the work mode. Power consumption in the laminar flow cabinet H-120 is 49 Watt, whereas, in the model H-180 -64 Watt which is one of the best result in the sector.

SELECTED FUNCTIONS OF THE H SERIES CHAMBERS

- horizontal, laminar air flow in the range of 0.25 to 0.50 m / s,
- control of air flow speed through the sensor,
- automatic filter wear compensation ensuring constant and safe flow rate
- in the chambers, an hour counter of the device's operation time and UV fluorescent lamps,
- permanently mounted UV germicidal lamp, placed in the upper front part of the working area, protected against accidental switching on during operation,
- fluorescent lamps illuminating the working space with the possibility of working in two modes, 800 lux and above 1400 lux,
- stainless steel worktop,
- sides of the work space with window openings,
- optional valves for vacuum, gas and air, and a dedicated base.



HEPA FILTERS 99,995% FOR MPPS

- mounted HEPA filters, checked in our own research laboratory, guarantee air purity,
- the chamber has a system that monitors the working time of the HEPA filter to control its effectiveness.



UV-LAMP 30 WATT

Permanently fitted UV-lamp with effective power 30 Watt guarantee disinfection of the chamber providing sterile conditions of work.

TECHNICAL DATA AND COMPARISON OF MODELS

	Unit	H120	H150	H180
External dimensions. width / length / height	mm	1250 / 790 / 950	1550 / 790 / 950	1850 / 790 / 950
Interior dimensions. width / length / height	mm	1190 / 630 / 600	1490 / 630 / 600	1790 / 630 / 600
Number of fans.	szt.	2	3	4
Air flow adjustable.	m/s	0,25 - 0,50		
Quantity and type of filters.	szt.	1 - main HEPA, 1 - preliminary poliamid		
HEPA filter effectiveness.	%	> 99,995 % for MPPS - H14		
Acoustic pressure PN-EN ISO 11201.	dB	< 49	< 53	< 57
Light intensity.	lux	> 1400	> 1400	> 1600
Power consumption in work mode with one light.	Wat	49	57	64
Power consumption in work mode with two light.	Wat	53	64	69
Power of UV lamp.	Wat	30		
Number of electrical socket.	szt.	1		
Control panel with touch display.	available languages: EN, DE, SP, PL			
Valves: gas, vacuum, air.	optional			
Weight of device with base.	kg	116	147	196

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COUNTRIES

uses ALPINA laminar chambers.

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LANGUAGES

interface is available for the convenience of the customer.