

# Laminar-flow cabinet H120

🏠 [Laminar flow cabinets](#) > [Horizontal air flow](#)



System  
zarządzania  
ISO 9001:2008

www.tuv.com  
ID 9105080567

## Description

Laminar-flow cabinet with horizontal airflow.

### Air flow

- laminar, horizontal

### Filters:

- Preliminary: polyamide class EU3 (G3), according to PN-EN 779
- Main: absolute HEPA EN 1822, filtration efficiency min. 99.995% for MPPS

### Microprocessor control:

- auto mode – automatically performs all activities in order to properly prepare for operation (“blowing through”, setting the flow, switching on the additional lamp)
- manual mode – the user may at any time freely control the cabinet functions (flow, fluorescent lamp, UV lamp)

### Standard cabinet equipment:

- additional lamp above workspace
- UV germicidal lamp
- power socket on cabinet body
- hour timer of cabinet and UV lamp operation
- worktop made of stainless steel

**The cabinet has an internal surveillance system indicating operation errors.**

## Gallery



## Warranty and certificates

Certificates:

- certified by an independent certification body
- CE declaration of the manufacturer
- ISO 9001 quality management system

Protocol from tests is issued and enclosed for each cabinet.

Warranty for the laminar airflow unit: 24-month warranty.



## Technical data



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<b>Nominal width</b> in mm	1200	
<b>External dimensions</b> width/depth/height in mm	1247 / 790 / 942	
<b>Internal dimensions</b> width/depth/height in mm	1184 / 620 / 515	
<b>Area of working space</b> in m <sup>2</sup>	0,75	
<b>Air flow</b> in m/s	inlet	-
	working space	0,35
<b>Number of pre-filter</b> in pcs.	1	
<b>Number of HEPA filters</b> in pcs.	preliminary	-
	main	1
	outlet	-
<b>HEPA filter efficiency</b>	> 99,995 %	
<b>Cleanroom class in the workspace</b> EN ISO 14644-1	min. 5	
<b>Loudness level</b> in dB	< 55	
<b>Illuminance</b> in lux	> 1200	
<b>Maximum power consumption</b> in W	300	
<b>Power of UV bactericidal lamp</b> in W	18	
<b>Number of electric sockets</b> standard, in pcs.	1	
<b>Control panel</b> with LCD display	pictographic menu	
<b>Chambe construction</b>	Worktop	Steel sheet AISI 304(1.4301). Acid-proof
	Body	Steel 1203, thickness 1,5 mm, powder coated RAL 7035
	Side and back windows	Safety glass, thickness 6 mm
<b>Equipment weight</b> in kg	116	

