

**BMB-II-“Laminar-S”**

Code: 241.120

# MICROBIOLOGICAL SAFETY CABINETS **Class II Type A2** **VIS-A-VIS** FOR WORK WITH LAB ANIMALS



Microbiological safety cabinet class II  
VIS-A-VIS is designed to work with  
lab animals.

The design of VIS-A-VIS cabinet  
allows two operators working  
opposite one another at the same  
time.

It provides product, operator and  
environment protection when working  
with agents of biosafety levels  
1, 2 and 3.



A unique pull out  
UV-unit is included  
into the basic  
configuration  
(page 3).

It is equipped with a system of monitoring the operating modes; optical sensors of the front glasses, the UV-unit and the safety closure position; a control panel with LCD touch screen, where operation information of the cabinet is displayed. The audible-visible alarm system is activated upon failure of the safety conditions.

Downward laminar air flow prevents the materials cross contamination in the working zone. The animals' hair catcher is installed under the table top.

The cabinet is designed for operation in standing or seating position.



# BSC Class II



## MAIN CHARACTERISTICS

Air cleanliness class in the working chamber of the cabinet in terms of concentration of airborne particles (aerosols) according to ISO 14644-1:2015, not less than	5 ISO
Cabinet class according to EN 12469:2000, NSF/ANSI 49	II
Cabinet type according to NSF/ANSI 49	A2
Class of the installed HEPA-filters according to EN 1822-1:2009	H14
Average velocity of the inflow through the work opening, m/s	$0,45 \pm 0,03$
Average downflow velocity in the working chamber, m/s	$0,33 \pm 0,01$
Illuminance level in the working zone, lux, not less than	1000
Air recirculation rate in the cabinet, %	$\approx 50$

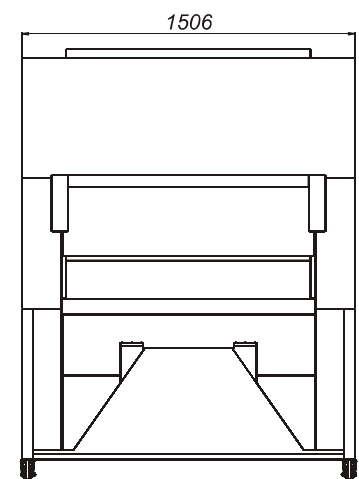
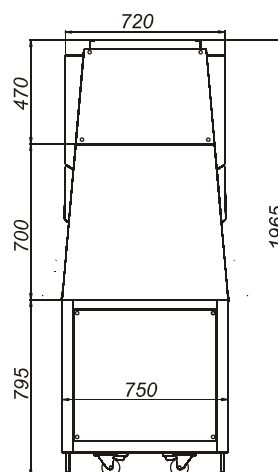
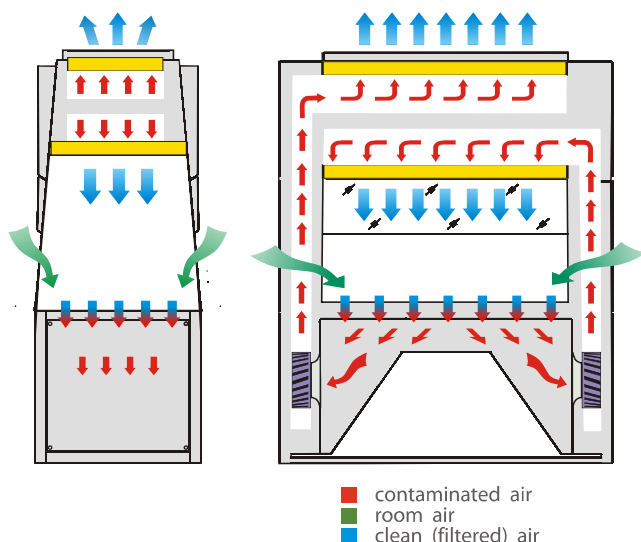
## MAIN PARAMETERS AND DIMENSIONS

<b>BMB-II-"Laminar-S"</b>	<b>241.120</b>
Dimensions of the cabinet (WxDxH), mm	1506x750x1965
Dimensions of the working chamber (WxDxH), mm	1110x665x687
Weight of the cabinet with the stand in assembly (net), kg, not more than	314
Power consumption (without the built-in outlets load), W, not more than	400
Total acceptable load on the built-in outlets, W, not more than	700
Air volume supplied to the working chamber, m <sup>3</sup> /h	915

## ADDITIONAL OPTIONS

- Multi-purpose taps
- LED lighting of the working chamber
- Hood to connect the cabinet to external exhaust system
- Support stand for operators in standing position (height of the working surface is 1008 mm)

## AIR FLOW SCHEME



241.120