LAMSYSTEMS

STERILE STORAGE CABINETS

WITH
HEPA FILTER

Door type:
BIFOLD, SLIDING, HINGED

DOOR TYPE: BIFOLD Article: 1E-D.008-12.0

BAV-PCR-«Laminar-S.»

www.lamsys.com

LAMSYSTEMS

STERILE STORAGE CABINETS

APPLICATION:

- Pharmaceutical industry
- Electronics
- Optical mechanics
- Laboratory

PURPOSE:

– Creation of abacterial environment with cleaned by HEPA filter air downflow in the work chamber:

– Sterile storage of clothing (coats, overalls, shoe covers, etc.) used in clean rooms;

– Sterile storage and drying of agents and bacterial cultures that are not hazardous to personnel.

FEATURES:

– A microprocessor system SintelL-1 controlling the fan motor does not have any energy conversion power components.

– The system minimizes the energy consumption and the level of acoustic noise of the operating cabinet.

– A static airflow stabilization system AIS LS ensures constant air balance inside the work chamber despite the level of filter clogging.

– In case of equipping the cabinet with UV lamps, time of disinfection can be set via a timer that additionally indicates total UV operating hours.

– A control panel with an LCD screen indicates the activation of systems, modes selected and displays a process timer.

– The cabinet is equipped with a HEPA filter ensuring 99.995% retention for particles of 0.3 μm size.

– The HEPA filter is fixed with springs that ensure leak-tight sealing of the filter for the entire operating life.

– The body of the cabinet is completely made of metal. The material is powder-coated steel resistant to disinfectants.

– Perforated shelves are made of stainless steel.

THE CABINETS CAN BE CUSTOMIZED ACCORDING TO TECHNOLOGIC REQUIREMENTS AND APPLICATION.

The shelves can be fixed, removable and pullout. The number and arrangement of the shelves can be discussed with a Customer at the stage of product development.

The work chamber of the cabinet can be equipped with UV lamps the number and arrangement of which can be determined by a Customer.

A cross bar can be mounted instead of shelves for convenient arrangement of hangers with technological clothing.

DOOR TYPE: SLIDING

Article: 1E-D.003-18.0

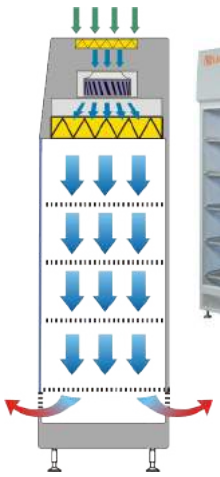
DOOR TYPE: HINGED

Article: 1E-D.004-18.0

LAMSYSTEMS

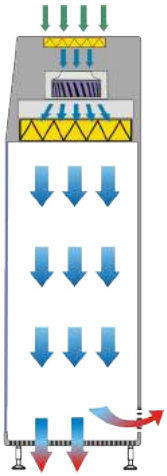
STERILE STORAGE CABINETS

AIR FLOW SCHEME



- contaminated air
- room air
- clean (filtered) air

1E-D.003-18.0
1E-D.004-12.0
1E-D.004-18.0



1E-D.008-12.0

MAIN CHARACTERISTICS

Work chamber air cleanliness class for suspended particle (aerosol) concentration as per ISO 14644-1	Class 5
Class of HEPA filter as per EN 1822-1	H14
Class of preliminary filter as per EN 779	G4

MAIN PARAMETERS AND DIMENSIONS

BAVnp-01-"Laminar-S."	1800 mm	1200 mm	1800 mm	1200 mm
Aticle	1E-D.003-18.0	1E-D.004-12.0	1E-D.004-18.0	1E-D.008-12.0
Dimensions of the cabinet /WxDxH/, mm	1800x670x1950	1200x680x1950	1800x680x1950	1285x750x2375
Maximum input power, W	760	500	600	420
Door type	sliding	hinged	hinged	bifold
Clean air inflow capacity, m3/h (set at manufacturer's site)	1220	790	1240	790*

** Determined based on 0.4 mps preset downflow velocity*

www.lamsys.com

LAMSYSTEMS

LAMSYSTEMS GmbH
Magdeburger Str. 3,
14641 Wustermark bei Berlin,
Germany
Tel.: +49 (0) 30 2555 9888
info@lamsys-euro.com