

Complies with
NF EN 12 469



BIO II

Class II microbiological safety cabinet

Triple protection

Operator, product and environment

Compact footprint

Designed for confined spaces

Class 1, 2 and 3 pathogens

Complies with EN 12469

Ultra-Cleanliness Solutions

Protect the product · Protect the operator · Protect the environment

 French manufacturer since 1968 · adslaminaire.com

PURPOSE

This cabinet, intended for handling **class 1, 2 and 3 pathogens**, is exceptionally compact so that it fits into **confined spaces**.

At 1 080 mm overall height and 640 mm deep, it goes where a conventional safety cabinet will not, without giving up compliance with EN 12469.

KEY FEATURES

- **Fast start-up** — single-click
- **Epoxy-painted steel structure**
- **Removable work surface** — perforated 304L stainless steel, segmented
- **Profiled air guard** — removable
- **Inclined lift-up sash** — self-locking
- **H14 supply filter** — with laminarity diffuser
- **1 built-in power socket** — on the right, IP55 rated
- **Front-access maintenance** — lift-up hood
- **Single ECM fan** — automatic regulation
- **Low sound level**
- **LCD display** — airflow velocity, filter loading, alarms
- **Germicidal UV lamp**
- **Damper**
- **Built-in decontamination mode**



APPLICATIONS

- Medical analysis
- Hospitals
- Pharmaceutical
- Biotechnology
- Food industry

Front aperture

183 mm when closed, 380 mm when open.
The self-locking sash stays at the chosen height on its own.

OPERATING PRINCIPLE

A sterile **ISO 5** laminar flow is delivered vertically onto the work surface after passing through a first H14 HEPA filter: this is the **protection of the product**.

The airflow is drawn back in its entirety through the perforations in the work surface. Part of this recirculated air is discharged into the room through a second H14 filter, providing the **protection of the environment**.

The volume of air discharged is made up by drawing in an equivalent volume at the front of the work surface. This inflow, known as the **air guard**, forms a dynamic barrier between the product and the operator: this is the **protection of the operator**.

THE THREE PROTECTIONS

Protection of the environment

Exhaust through H14 HEPA filter

Protection of the product

ISO 5 cleanliness class

Protection of the operator

Air guard

DESIGN DETAILS

Autoclavable work surface

The perforated 304L stainless steel work surface lifts out in sections, which makes cleaning easier and allows it to go through the autoclave.

Rounded air guard

Its rounded shape improves operator comfort and front inflow, and it lifts out for decontamination.

Self-locking hood

All servicing is done from the front: the exhaust filter, the lighting and the electronics remain accessible without moving the cabinet.

Lighting outside the work zone

The lighting sits outside the handling area, which leaves the airflow unobstructed and makes decontamination easier.

AVAILABLE OPTIONS

Stand with levelling feet

Additional power socket

Gas / air / vacuum service port

Stainless steel collection tray

110 V power supply

DIMENSIONS AND SPECIFICATIONS

Dimensions (mm)	BIO II 9	BIO II 12
	internal / overall	internal / overall
Width	919 / 922	1 226 / 1 229
Height	500 / 1 080	
Depth	495 / 640	
Front aperture	Closed: 183 mm — Open: 380 mm	
Total weight	120 kg	150 kg
Power	1,5 kW	

Source: ADS Laminaire general catalogue 2025-2026.

INF-COM-09 Rév4 — Not a contractual document. We reserve the right to modify the specifications of our products without notice.

DOCUMENTS SUPPLIED ON DELIVERY

- Certificate of conformity
- Warranty certificate
- User manual in English

Commissioning and maintenance are carried out by ADS Laminaire, the manufacturer, throughout France and Europe.

OUR COMMITMENT

Engineering, manufacturing, test laboratory and after-sales service, all under one roof at our Aulnay-sous-Bois site.

A company certified **ISO 9001:2015** since 2008 and awarded the **NF 095** label since 1997. The first French company to specialise in laminar flow, since 1968.