ADS Laminaire
air dépoussiéré stérile laminaire
FABRIQUÉ EN FRANCE

ISO 9001:2015 CERTIFIED COMPANY

MADE IN FRANCE

Compliant with NF EN 12 469



BIO II

Class II microbiological safety cabinet

Triple protection
Operator, product and environment

Compact footprint
Designed for confined spaces

Risk group 1, 2 or 3 pathogens
Compliant with NF EN 12469

Ultra-Clean Solutions

Protect the product · Protect the user · Protect the environment

French manufacturer since 1968 · adslaminaire.com

INTENDED USE

Designed for handling **risk group 1, 2 or 3 pathogens**, this cabinet is particularly compact so that it fits into **confined spaces**.

With an overall height of 1 080 mm and a depth of 640 mm, it fits where a standard safety cabinet will not, while remaining compliant with NF EN 12469.



FEATURES

- **Epoxy-painted steel structure**
- **Removable work surface** — perforated 304 L stainless steel, in several sections
- **Profiled front air intake** — removable
- **Tilted lifting sash** — self-locking
- **H14 downflow filter** — with laminar flow screen
- **2 built-in power sockets** — one on the left, one on the right, IP55 rated
- **Front-access maintenance** — lift-up cover
- **Single ECM fan** — automatic control
- **Low noise level**
- **LCD display** — airflow, filter clogging, alarms
- **Germicidal UV lamp**
- **Front closure panel**

APPLICATIONS

- Medical testing
- Hospitals
- Pharmaceutical
- Biotechnology
- Food industry

Front opening

183 mm in the closed position, 380 mm in the open position. The self-locking sash stays at the chosen height without any adjustment.

Ultra-Clean Solutions

Designed and made in France

34 rue Maurice de Broglie — ZI Les Mardelles
93600 Aulnay-sous-Bois, France
Tel. +33 (0)1 48 17 85 10 · Fax +33 (0)1 48 17 85 11
info@adslaminaire.com · adslaminaire.com

OPERATING PRINCIPLE

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

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

The exhausted air is offset by drawing an equal volume of air in at the front of the work surface. This inflow, called the **front air barrier**, creates a dynamic barrier between the work and the operator: this is **operator protection**.

THE THREE PROTECTIONS

- **Environment protection**
  Exhaust through H14 HEPA filter
- **Product protection**
  ISO class 5
- **Operator protection**
  Front air barrier

SPECIAL FEATURES

Autoclavable work surface

The perforated 304 L stainless steel work surface comes apart in several sections, which makes cleaning easier and allows it to be autoclaved.

Rounded front air intake

Its rounded shape improves operator comfort and front air intake, and it can be removed for decontamination.

Self-locking cover

All maintenance is done from the front: exhaust filter, lighting and electronics are accessible without moving the unit.

Lighting outside the work area

The lighting is located outside the work zone, so it does not obstruct the airflow and decontamination is easier.

Ultra-Clean Solutions

Designed and made in France

34 rue Maurice de Broglie — ZI Les Mardelles
93600 Aulnay-sous-Bois, France
Tel. +33 (0)1 48 17 85 10 · Fax +33 (0)1 48 17 85 11
info@adslaminaire.com · adslaminaire.com

AVAILABLE OPTIONS

- Stand on castors (mobile version)
- Additional power socket
- Gas / air / vacuum service inlet
- Stainless steel receptacle
- 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 opening	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 Rev4 — Non-contractual document. We reserve the right to change the specifications of our products without notice.

DOCUMENTS SUPPLIED ON DELIVERY

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

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

OUR COMMITMENT

Design, manufacturing, test laboratory and after-sales service all on our Aulnay-sous-Bois site.

Company certified **ISO 9001:2015** since 2008 and **NF** labelled since 1997. A French company specialising in laminar flow since 1968.

Ultra-Clean Solutions

Designed and made in France

34 rue Maurice de Broglie — ZI Les Mardelles
93600 Aulnay-sous-Bois, France
Tel. +33 (0)1 48 17 85 10 · Fax +33 (0)1 48 17 85 11
info@adslaminaire.com · adslaminaire.com