

Complies with
EN 12 469



LAM

Class I microbiological safety cabinet

Dual protection

Operator and environment

Full recirculation

No connection to outside required

Front velocity > 0.7 m/s

Even and complete capture

Ultra-Cleanliness Solutions

Protect the product · Protect the operator · Protect the environment

 French manufacturer since 1968 · adslaminaire.com

PURPOSE

Negative-pressure cabinets protect **the operator** and **the immediate surroundings** from airborne contamination, by means of vertical extraction and HEPA filtration.

The LAM is particularly suited to handling pathogens and chemical products: acids, solvents and alcohols.

KEY FEATURES

- **Start-up** — single-click
- **Bench-top unit**
- **Laminated blockboard structure**
- **H14 HEPA filter**
- **Lighting**
- **Full recirculation into the room**
- **Fold-down sash** — toughened glass
- **Front-access maintenance**
- **Automatic regulation** — DC motor, low power consumption, low sound level
- **LCD display** — airflow velocity, filter loading, alarms



APPLICATIONS

- Pharmaceutical
- Chemistry
- Hospitals
- Biotechnology
- Food industry
- Electronics

Full recirculation

The air is fully recirculated into the room: no connection to outside is required, which does away with the exhaust ductwork, the wall penetration and the make-up air.

■ OPERATING PRINCIPLE

The operator and the environment are protected by keeping the **work chamber under negative pressure**, with H14 HEPA filtration.

The front inflow velocity, above **0.7 m/s**, gives an even and complete capture of all particles.

Air is fully recirculated into the room, which avoids any connection to outside.

■ THE THREE PROTECTIONS

● Protection of the environment

H14 HEPA filtration

● Protection of the operator

Vertical extraction under negative pressure

■ DESIGN DETAILS

Class I, not Class II

Unlike a Class II cabinet, the LAM does not protect the product being handled: there is no downward laminar flow over the work zone. It is the right choice where only operator protection is at stake.

Configurations

The LAM sits on an existing bench or on a stand with its own work surface. A face-to-face version allows two operators to work opposite one another.

AVAILABLE OPTIONS

Stainless steel structure

Stand with work surface

Pre-filters

Connection to outside duct

UV lamp

Activated carbon filter ⁽¹⁾

Hour counter ⁽¹⁾

Face-to-face version ⁽¹⁾

⁽¹⁾ Outside the scope of EN 12469.

DIMENSIONS AND SPECIFICATIONS

Dimensions (mm)	LAM 6	LAM 9	LAM 12
	internal / overall	internal / overall	internal / overall
Width	625 / 663	930 / 964	1 235 / 1 273
Height	547 / 1 380 — under the flow: 723		
Standard depth	681 / 726		
Depth, face-to-face version	878 internal and overall		
Total weight	90 kg	120 kg	150 kg

Source: ADS Laminaire general catalogue 2025-2026. The overall dimension for the LAM 9 is taken from the product data sheet, the catalogue figure being smaller than the internal dimension.

INF-COM-21 Rév1 — 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.