

Complies with
ISO 14 644

Optigel 12



OPTIGEL

Horizontal laminar flow hood, ISO 5 class

Protection of the product

Sterile ISO 5 laminar flow

Fully open front

Completely unobstructed front

Flush lighting

Does not disturb the flow

Ultra-Cleanliness Solutions

Protect the product · Protect the operator · Protect the environment

 French manufacturer since 1968 · adslaminaire.com

PURPOSE

OPTIGEL cabinets consist of a supply and filtration unit that guarantees sterile working conditions to **ISO 5**.

The flow is **horizontal**: it sweeps the work zone from the back towards the operator. Protection applies to the product, not to the operator.

KEY FEATURES

- **Housing structure** — epoxy-painted steel
- **Side walls** — translucent glass
- **Stainless steel work surface**
- **Automatic regulation**
- **DC motor** — low power consumption and low sound level
- **G3 pre-filter**
- **H14 HEPA filtration**
- **Flush lighting** — does not disturb the flow
- **Fully open front**



APPLICATIONS

- Hospitals
- Pharmaceutical
- Optics
- Microelectronics
- Micromechanics
- Research
- Botany
- Food industry
- Aerospace
- Education

Control panel

Real-time display of pressure and airflow velocity, standby mode, lighting control, fan and filter-loading alarms.

■ OPERATING PRINCIPLE

The whole work chamber is swept by a sterile **ISO 5** laminar flow, with two filtration stages: a pre-filter and an H14 HEPA filter.

The air velocity and the positive pressure protect the product.

With horizontal flow, product protection is excellent and even across the whole surface. On the other hand, anything released during handling travels towards the operator: this choice is not suitable for volatile products or for biological agents.

■ DESIGN DETAILS

Flush lighting

The lighting is recessed flush with the wall, with nothing projecting into the work chamber. It therefore casts no aerodynamic shadow downstream of the filter.

Fully open front

The front is completely unobstructed, which gives direct access to the work chamber and makes it easy to bring in bulky equipment.

Optional flexible curtain

A flexible curtain on a mechanical roller can be added to limit disturbance from room air movement and to reduce consumption when the unit is not in use.

AVAILABLE OPTIONS

Stand	Service port
Flexible curtain on a mechanical roller	Power socket
ULPA filter	UV lamp

DIMENSIONS AND SPECIFICATIONS

Dimensions (mm)	OPTIGEL 9	OPTIGEL 12	OPTIGEL 18
	internal / overall	internal / overall	internal / overall
Width	910 / 945	1 225 / 1 245	1 670 – 1 820 / 1 695 – 1 845
Height	572 to 620 / 813		
Depth	570 / 916		
Height on stand	1 740 mm		
Total weight	90 kg	100 kg	150 kg
Filtration	G3 pre-filter + H14 HEPA filter — ULPA optional		

Source: ADS Laminaire general catalogue 2025-2026.

INF-COM-22 Rév2 — 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.