

Complies with
ISO 14 644



V / V1 / V2

Vertical flow cabinet, ISO 5 class

Protection of the product

Vertical ISO 5 laminar flow

3 airflow layouts

V, V1 and V2

COPLAST chamber

ultra-clean expanded PVC

Ultra-Cleanliness Solutions

Protect the product · Protect the operator · Protect the environment

 French manufacturer since 1968 · adslaminaire.com

PURPOSE

The **V** is a vertical flow cabinet built in **COPLAST**, an ultra-clean, smooth expanded PVC that is easy to clean and decontaminate.

Its properties allow it to be installed in a cleanroom and used for handling sensitive products. The product is protected by an **ISO 5** laminar airflow.

KEY FEATURES

- **3 possible airflow layouts** — V, V1 and V2 versions
- **Automatic ECM regulation**
- **COPLAST chamber** — ultra-clean, smooth expanded PVC
- **Easy to clean and decontaminate**
- **Cleanroom installation** — possible directly
- **Yellow safelight** — optional



APPLICATIONS

- Pharmaceutical
- Biotechnology
- Cleanroom
- Research
- Electronics
- Optics

Three airflow layouts

The V, V1 and V2 versions differ in the path the air takes. The choice depends on what has to be protected and on the nature of the products handled: our engineering department will advise according to your application.

■ OPERATING PRINCIPLE

The whole work chamber is swept by a vertical **ISO 5** laminar flow. The air velocity and the positive pressure protect the product: ambient particles cannot enter the protected zone.

ECM regulation compensates for the gradual loading of the HEPA filter and keeps the airflow constant throughout its life.

■ DESIGN DETAILS

COPLAST structure

COPLAST is an ultra-clean, smooth expanded PVC. Unlike painted steel, it withstands acids and decontamination products without degrading, and does not shed particles.

Safelight

As an option, yellow lighting protects light-sensitive products — useful in pharmacy and in photolithography.

AVAILABLE OPTIONS

Yellow safelight

Stand

Service port

Power socket

ULPA filter

DIMENSIONS AND SPECIFICATIONS

Dimensions (mm)	V 9	V 12	V 16	V 18
	internal / overall	internal / overall	internal / overall	internal / overall
Width	921 / 957	1 226 / 1 262	1 531 / 1 567	1 836 / 1 872
Overall height	1 370 mm — on stand: 2 270 mm			
Depth	658 / 766			
Regulation	Automatic ECM, constant airflow			
Structure	COPLAST — expanded PVC			

Source: ADS Laminaire general catalogue 2025-2026.

Catalogue 2025-2026 — 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.