

Complies with
ISO 14 644



VFL

Vertical flow cabinet, ISO 5 class

Protection of the product

Under ISO 5 laminar flow

Generous working height

781 mm internal

Sound level

Below 55 dBA

Ultra-Cleanliness Solutions

Protect the product · Protect the operator · Protect the environment

 French manufacturer since 1968 · adslaminaire.com

PURPOSE

VFL cabinets are built in **Coplast**, an ultra-clean, smooth expanded PVC that is easy to clean and decontaminate. Its ESD properties allow it to be installed in a cleanroom and to be used for handling sensitive products.

The filtration system, built around a self-regulating **FANJET** unit, guarantees sterile, clean working conditions to **ISO 5**.

KEY FEATURES

- **Front panel with sash** — easily removed
- **Painted steel hood**
- **Generous working height** — 781 mm internal
- **Simplified maintenance**
- **Lighting outside the airflow**
- **Automatic ECM regulation**
- **Fleur control panel** — shows remaining filter life as a percentage and the pressure drop
- **H14 HEPA filtration** — G4 pre-filtration
- **Bench-top unit** — work surface included
- **Standby mode**
- **Very low sound level** — below 55 dBA
- **Excellent value for money**



APPLICATIONS

- Optics
- Pharmaceutical
- Microelectronics
- Micromechanics
- Research
- Hospitals
- Botany

Filter service life

The G4 pre-filter should be changed every 3 to 6 months. The terminal HEPA filter lasts 3 to 5 years, depending on the dust load of the room and the running hours.

■ OPERATING PRINCIPLE

The whole work chamber is swept by a sterile **ISO 5** laminar flow, with two filtration stages: a G4 pre-filter and an H14 HEPA filter rated 99.999 % at 0.3 µm.

The air velocity and the positive pressure protect the product. By a **piston effect**, particles are pushed out and displaced by ultra-clean air.

■ DESIGN DETAILS

Serviced in minutes

By design, the filter can be changed in a few minutes. The FANJET fan unit fitted to the VFL is maintenance-free.

Coplast structure

Coplast is an ultra-clean, smooth expanded PVC. Its ESD properties allow installation in a cleanroom and the handling of sensitive products.

AVAILABLE OPTIONS

Manual regulation

Power sockets and service ports

Stand

Other sizes on request

DIMENSIONS AND SPECIFICATIONS

Dimensions (mm)	VFL 9	VFL 12	VFL 18
	internal / overall	internal / overall	internal / overall
Width	921 / 959	1 226 / 1 263	1 834 / 1 872
Height excluding stand		781 / 1 250	
Depth		761 / 780	
Weight	60 kg	80 kg	120 kg
Airflow	750 m³/h	990 m³/h	1 500 m³/h

Source: ADS Laminaire general catalogue 2025-2026.

Fiche VFL — 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.