

Complies with
EN 14175



BCS

Laboratory ducted fume cupboard

Protection of the operator

Negative pressure, exhausted to outside

COPLAST structure

Non-particle-shedding materials

Controlled-atmosphere zone

Can be installed in a cleanroom

Ultra-Cleanliness Solutions

Protect the product · Protect the operator · Protect the environment

 French manufacturer since 1968 · adslaminaire.com

PURPOSE

Fume cupboards protect the operator and the surroundings by holding the work chamber under negative pressure and exhausting to outside.

Built from non-particle-shedding, chemically resistant materials, they can be installed **in a controlled-atmosphere zone**.

KEY FEATURES

- Compact and low-cost
- COPLAST expanded PVC structure
- Motorised rise-and-fall sash
- Lighting outside the work chamber
- Cupboard with sliding doors
- Two power sockets — on the front panel
- Velocity display
- Sash position alarm
- 400 mm aperture
- Control panel — raises and lowers the sash, lighting



APPLICATIONS

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

Three versions

PA: bench-top, without a work surface. PI: with its own work surface and stand on levelling feet. PL: with work surface, stand on levelling feet and a cupboard and/or drawer unit — the cupboard can be connected to the extraction system.

■ OPERATING PRINCIPLE

The ducted fume cupboard holds the work chamber below room pressure and discharges the air to outside. Any fumes released are therefore captured and removed, never returned to the operator or to the room.

Unlike a unit recirculating through activated carbon, this principle has no saturation limit: it does, however, require exhaust ductwork, a wall penetration and make-up air.

■ DESIGN DETAILS

Choice of work surfaces

Seven materials are offered, according to the products being handled: laminate, resistant to solvents; Trespa, a white resin resistant to the main chemical agents even at high temperature; ceramic stoneware, resistant to solvents and acids other than HF, and to high and low temperatures; PVC, compatible with acids and bases up to 60 °C; PPH, up to 110 °C; Emalit, tinted toughened glass giving a perfectly flat surface; and stainless steel, resistant to solvents and to very high temperatures.

Fitted to your requirements

The work surface can be fitted with sinks, taps and other equipment as required.

AVAILABLE OPTIONS

Automatic regulation — constant inflow velocity whatever the sash height

Power socket

Activated carbon or HEPA filtration

Induction fume cupboard

Negative-pressure cupboard for chemical storage

Separate bench

Other work surfaces — PPH, Emalit

ATEX version

Extract fan

Frequency inverter

Velocity display

Sash-open alarm

DIMENSIONS AND SPECIFICATIONS

Dimensions (mm)	BCS 9	BCS 12	BCS 16	BCS 18
	internal / overall	internal / overall	internal / overall	internal / overall
Width	921 / 959	1 226 / 1 264	1 531 / 1 569	1 836 / 1 874
Height	1 025 to 1 130 / 1 500 (excluding stand)			
Depth	660 / 765			

Source: ADS Laminaire general catalogue 2025-2026.

INF-COM-04 Rév3 — 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.