

Complies with
NF X 15-211 : 2009



C-PURE

Recirculating fume cupboard, class 2

Dual protection

Operator and environment

CMR substances

Categories 1, 2 and 3, and products subject to an exposure limit

Full recirculation

No connection to outside

Ultra-Cleanliness Solutions

Protect the product · Protect the operator · Protect the environment

 French manufacturer since 1968 · adslaminaire.com

PURPOSE

The **C-PURE** recirculating fume cupboard protects people handling **category 1, 2 and 3 CMR substances**, and products subject to an **occupational exposure limit**.

Rated **class 2** to NF X 15-211:2009.

KEY FEATURES

- **Polycarbonate side walls**
- **Trespa rear wall**
- **Inclined lift-up sash** — on self-locking hinges
- **Fan housing** — grey painted steel
- **Low sound level** — below 64 dBA
- **Activated carbon filter** — organic vapours and solvents, acid vapours, alkaline vapours
- **Filtration classification** — type P, type V, type PV
- **Integrated lighting** — outside the work chamber, above 700 lux
- **Usage countdown** — audible and visual warnings every 60 hours
- **Very easy access to the filters** — no tools needed
- **Motor-fan unit** — maintenance-free
- **Front velocity 0.4 to 0.6 m/s** — anemometer for continuous monitoring
- **Work surface and spill tray** — en PPH
- **Sampling chamber**



APPLICATIONS

- Medical analysis
- Hospitals
- Pharmaceutical
- Food industry
- Chemistry
- Weighing operations

Power supply and lighting level

Single phase 220 V + earth, 15 A, 50 Hz, 3 × 1.5 mm² cable. Lighting level above 700 lux. Sound level below 64 dBA.

■ OPERATING PRINCIPLE

The front inflow velocity, between **0.4 and 0.6 m/s**, gives an even and complete capture of all fumes.

Air is **fully recirculated into the room**, which avoids any connection to outside: no exhaust ductwork, no wall penetration, no make-up air.

An anemometer monitors the front velocity continuously.

■ THE THREE PROTECTIONS

● Protection of the environment

Activated carbon and HEPA filtration

● Protection of the operator

Front inflow 0.4 to 0.6 m/s

■ COMPLIANCE

Filtration types available. **Type V** — V.Org for organic vapours; L.Bande, a general-purpose filter for acids and organic vapours; F for formaldehyde vapours; Amn for ammonia vapours. **Type P** — H14 HEPA filter. **Type PV** combines the two.

■ DESIGN DETAILS

Control panel

Two indicators confirm correct operation: a ventilation lamp and a filter-loading lamp. Two buttons control the ventilation and the lighting.

Hour bar display

A display shows the countdown of running hours, at maximum from 60 hours. From 60 to 41 hours, three LEDs are lit; from 40 to 21 hours, two LEDs; from 20 to 11 hours, one LED; from 10 to 0 hours, the LED flashes. Past zero it flashes red and three beeps sound every minute.

PPH work surface

With a spill tray to catch accidental run-off. Resistant to most chemical products.

Sampling chamber

Allows filtration efficiency to be checked while the unit is in service.

AVAILABLE OPTIONS

H14 HEPA filter

G3 pre-filter

Extraction spigot

Sampling pump

Test ampoule — detection by colorimetric tube

DIMENSIONS AND SPECIFICATIONS

Dimensions (mm)	C-PURE 9	C-PURE 12	C-PURE 16
	internal / overall	internal / overall	internal / overall
Width	966 / 1 000	1 166 / 1 200	1 566 / 1 600
Height		855 / 1 150	
Depth		520 / 577	
Weight	80 kg	100 kg	120 kg
Airflow		250 m³/h	
Sound level		Below 64 dBA	
Illuminance		Above 700 lux	
Power supply	Single phase 220 V + earth — 15 A — 50 Hz		

Source: ADS Laminaire general catalogue 2025-2026.

INF-COM-28 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.