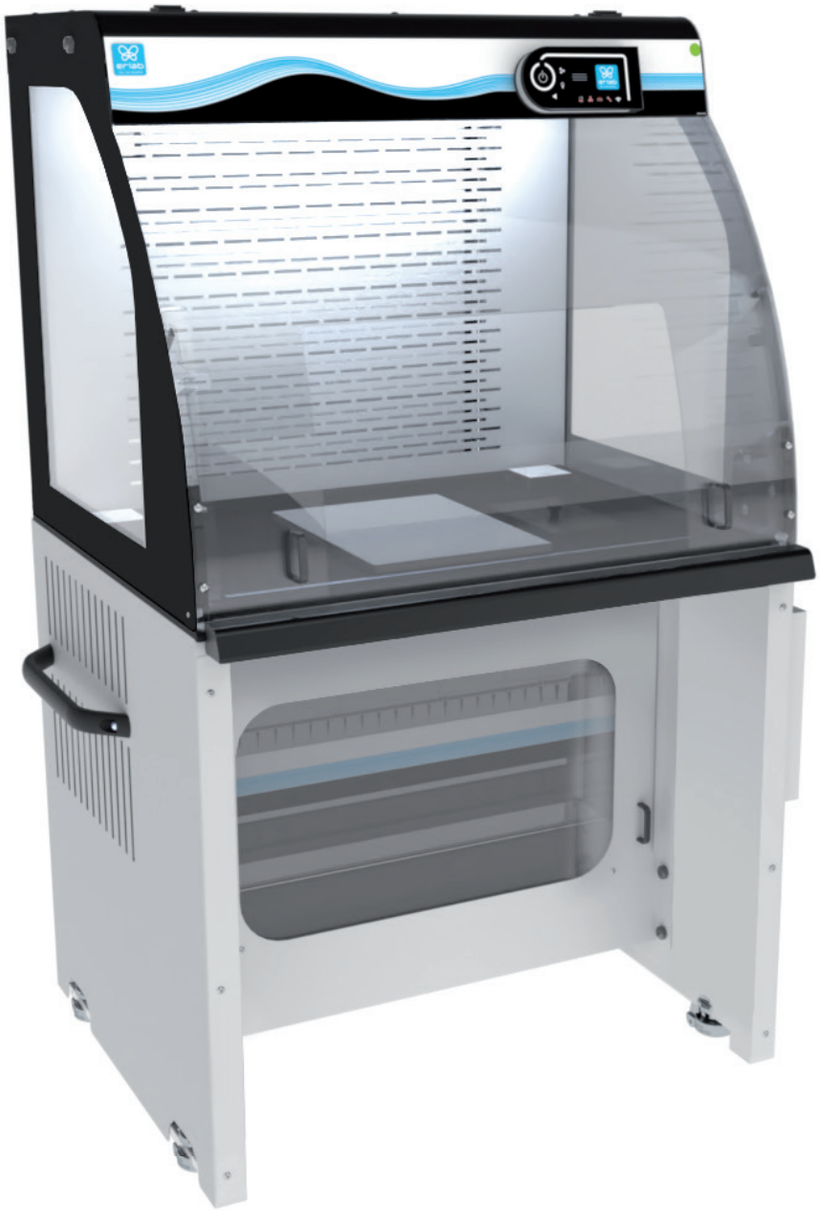
BLANCLABO
laboratory equipment

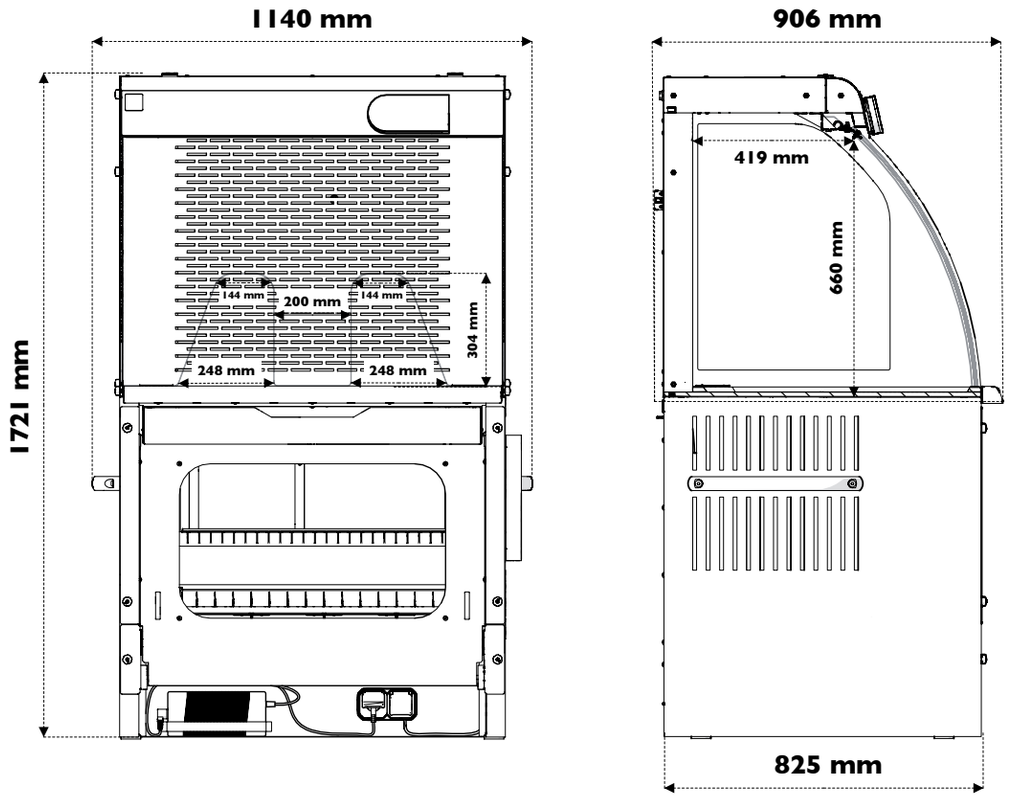
erlab
You can breathe.

Product datasheet

Captair 391 Smart

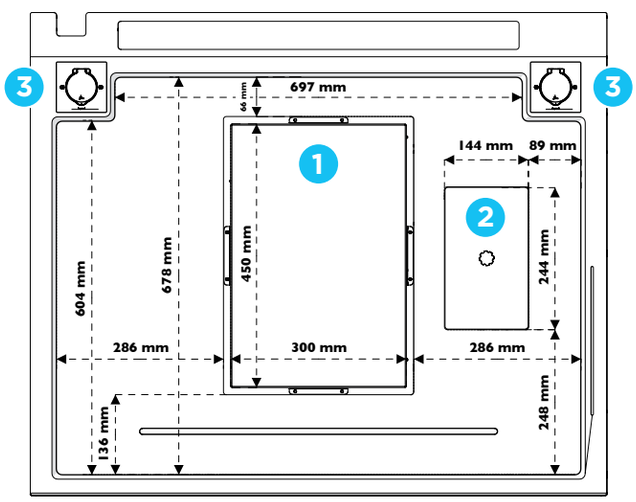
Secure weighing station





Work surface with built-in spill tray

Trespa® Top Lab[PLUS]



1. Weighing plate
2. Waste port
3. Electrical outlet

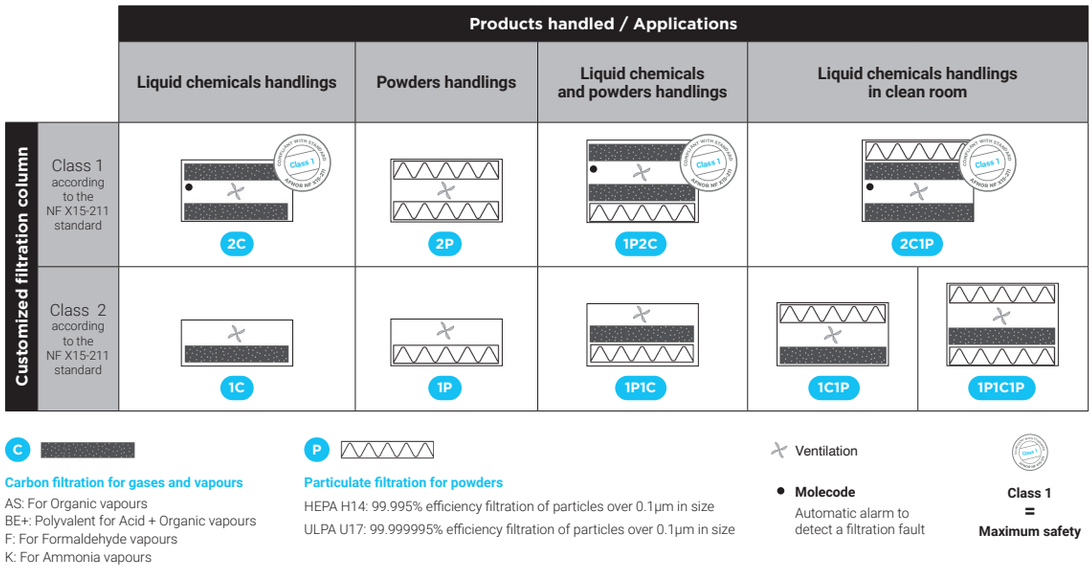
Fixed work bench

Captair 391 Smart

Secure weighing station

FILTRATION TECHNOLOGY erlab Above

Modular design of the filtration column allows to adapt to every protection needs.



Safety standards	AFNOR NF X15-211: 2009: France – BS 7989: England DIN 12 927: Germany – EN 1822: 1998 (HEPA H14 Filter) – EU Marking
Air flow	220m³/h (Carbon Filter) – 300m³/h (HEPA Filter)
Air face velocity	0.4 to 0.6m/s
Voltage/Frequency	110-230V/50-60Hz
Power consumption	Max. 2300W (with 2 sockets inside)
Sash opening	Oblong (Carbon Filter) or Trapezoidal (HEPA Filter)
Structure	Corrosion resistant electro-galvanized steel coated with antiacid polymer
Side and front panels	Chemical resistant acrylic
Filtration module	Polypropylene

Features

Communication interface	Simple communication by audible and light pulses: unit running time, air face velocity, automatic alarm to detect a filtration fault, ventilation settings, fan failure alarm
Filtration technology	1 adaptable filtration column (with BIBO* secure filtration unit)
Carbon filtration for gases and vapours	Following filtration column configuration (see table above)
Particulate filtration for powders	Following filtration column configuration (see table above)
Monitoring	Real-time control of security settings
Monitoring of ambient handling conditions	Temperature (T°) / Hygrometry (RH) sensors
Internal lighting	LED lighting > 650lux
Anemometer	Air face velocity alarm / Air face velocity inficator
Chemical Listing	List of 700+ approved chemicals compliant with AFNOR NF X15-211 filtration standards
Ceiling lighting	ON/OFF light button
Work surface	Trespa® Top Lab^{PLUS}
Bench	Mobile (installation) and Fixed (with anti-vibration rubber-tyred wheels)

Options

Molecode	Detection sensor: Type A, for Acids / Type F, for Formaldehyde / Type S, for Solvents

*BIBO: Bag In Bag Out system.

The ERLAB Research and Development Laboratory

About ERLAB

Since 1968, **ERLAB** has been a specialist, inventor and world leader in **ductless, zero-emission filtering fume hoods for laboratories** to provide total safety in chemical handling.

1 ERLAB filtration

We provide technologies to protect laboratory staff from inhaling chemicals. This is made possible thanks to our **Research and Development (R&D) department,** which has continuously improved our filtration technology **for more than 50 years.** That's why, in 2009, we invented the **ERLAB ABOVE** label for tried and tested filtration technology.

2 The AFNOR NF X15-211: 2009 standard

ERLAB's filtration technology conforms to the **NF X15-211: 2009 standard,** the industry's most demanding standard for molecular filtration, developed by a committee of independent scientists and specialized manufacturers.

This text imposes performance criteria linked to:

- Filtration efficiency
- Containment efficiency
- Air face velocity
- Documentation: chemical listing

3 The ESP programme

A set of three services included with the purchase of each device designed to ensure your safety.

eValiQuest	Risk analysis – Determination of protection needs – Determination of ergonomic needs
ValiPass	Certified installation – Total safety for handling
ValiGuard	Ongoing monitoring – Preventative and maintenance inspections – Device reconfiguration based on protection needs – Development of handling

4 Flex technology

The combination of molecular and particulate filtration technologies allows a single device to meet laboratories' protection needs. This innovation from ERLAB's R&D department offers unprecedented **flexibility, versatility and value.** A single device can be reconfigured over time and easily reassigned to other applications.

5 Smart technology

Smart technology is a **simple and innovative** means of communication that improves safety. This technology uses a light and sound signal to indicate the user's level of protection. The advantages of the technology are:

1 | **Light pulsation:** Real-time communication via **LED light pulses** intuitively alerts the user to the device's operating status.

2 | **Simplicity:** One-touch activation.

3 | **Detection system:** The exclusive detection system continuously monitors filtration performance.

4 | **Built-in monitoring:** This service provides direct access to the **status, settings and history** of your device.

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