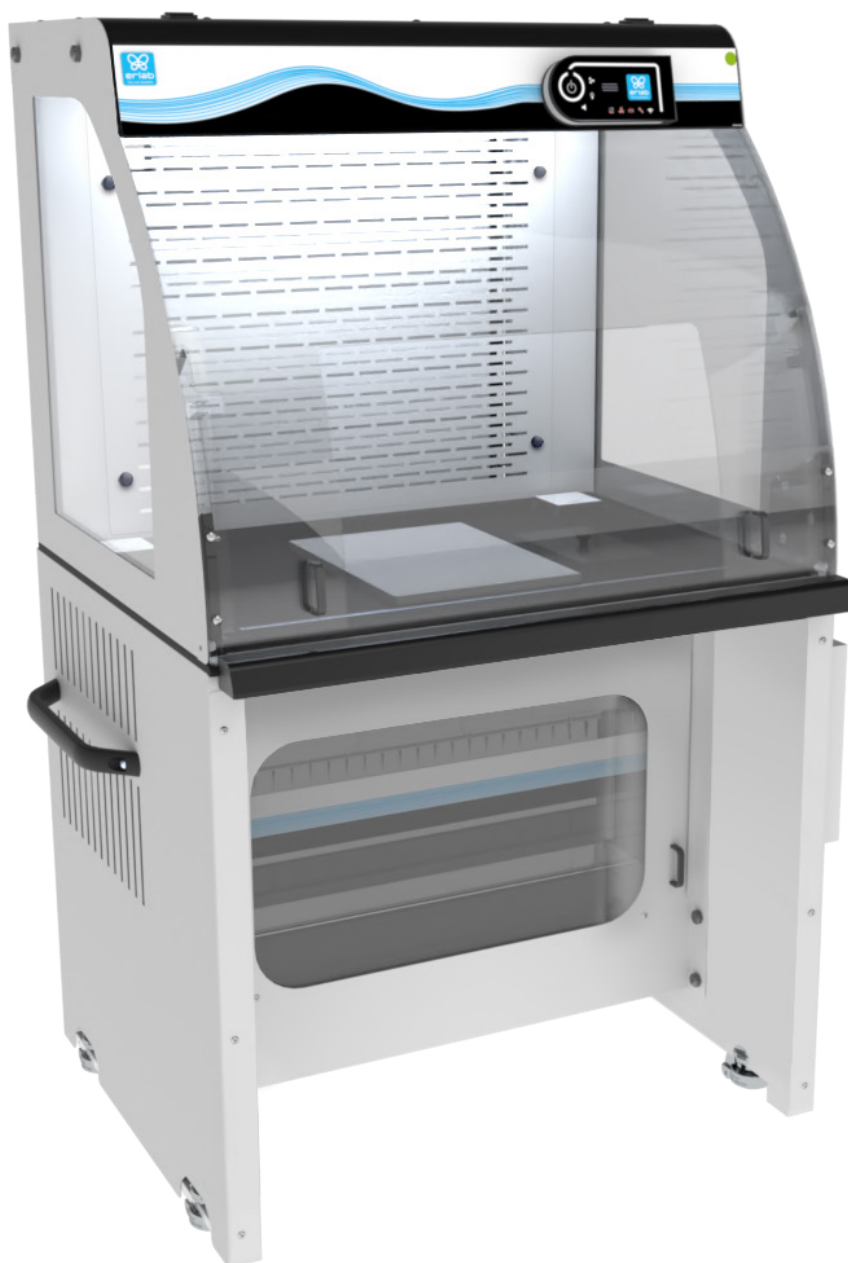


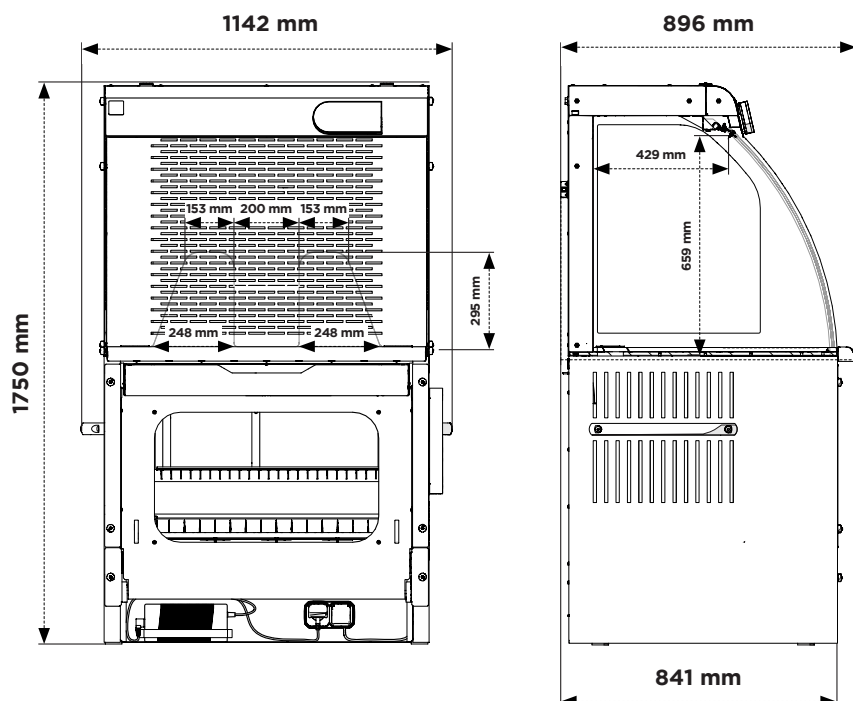
PRODUCT DATASHEET

Captair 391 Smart

Secure weighing station

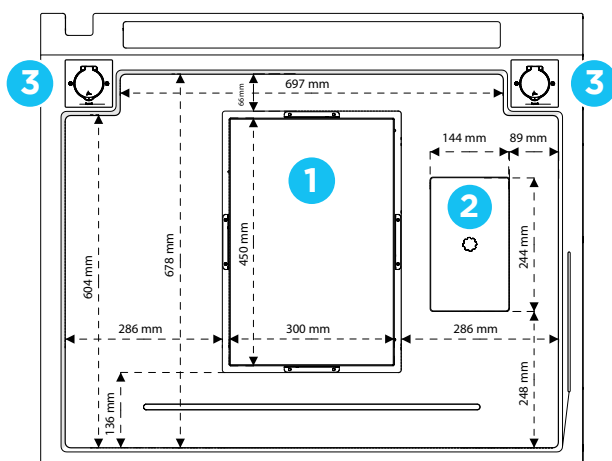


Oblong opening



Work surface

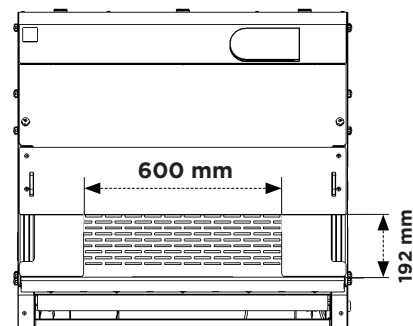
Trespa® Top LabPLUS



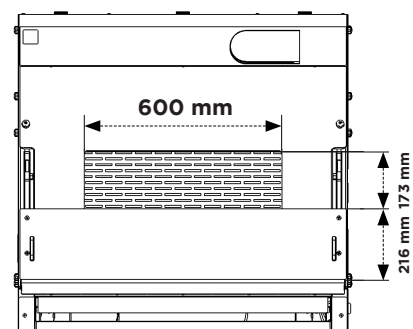
- 1** Weighing plate
- 2** Waste port
- 3** Electrical outlet

Slider opening

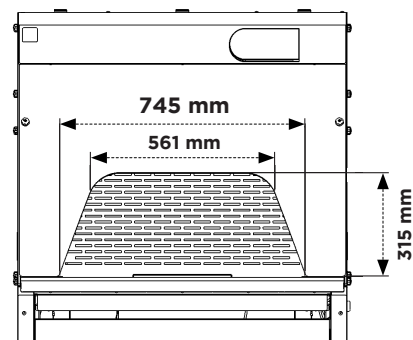
Upper position



Lower position



Trapezoidal opening





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

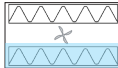
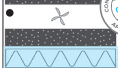
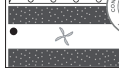
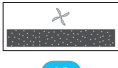
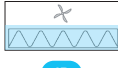
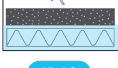
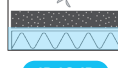


BIBO enclosure**



Molecode

Automatic alarm to detect a filtration fault

		Products handled / Applications			
		Liquid chemicals handlings	Powders handlings	Liquid chemicals and powders handlings	Liquid chemicals handlings in clean room
Customized filtration column	Class 1 according to the NF X15-211 standard	 2C	 2P	 1P 2C	 2C 1P
	Class 2 according to the NF X15-211 standard	 1C	 1P	 1P 1C	 1C 1P  1P 1C 1P

Carbon filtration for gases and vapours

AS: For Organic vapours

BE: Polyvalent for Acid + Organic vapours

F: For Formaldehyde vapours

K: For Ammonia vapours

Filtration particulière pour poudres

HEPA H14: 99.995% efficiency filtration of particles over 0.1 µm in size

ULPA U17: 99.99995% efficiency filtration of particles over 0.1 µm in size



Class 1
= Maximum safety

Safety standards	AFNOR NF X15-211: 2009: France - EN 1822-1: 2019 (HEPA H14 Filter) - EU Marking*
Air flow	220 m³/h (Carbon Filter) - 300 m³/h (HEPA Filter)
Air face velocity	0.4 to 0.6 m/s
Voltage/Frequency	100-240 V / 50-60 Hz
Power consumption	Max. 2300 W (with 2 sockets inside)
Sash opening	Oblong, Slider (Carbon Filter only or HEPA/carbon) or Trapezoidal (HEPA Filter only)
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: 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 > 600 lux
Anemometer	Air face velocity alarm
Documentation	List of 700+ approved chemicals compliant with AFNOR NF X15-211 filtration standards (Chemical Listing) Best practice guide
Ceiling lighting	ON/OFF light button
Work surface	Trespa® Top Lab ^{PLUS} + Weighing plate (marble)
Bench	Mobile (installation) and Fixed (with anti-vibration rubber-tyred wheels)
Mounting	Appliance delivered pre-assembled

Options

Molecode	Detection sensor: Type A, for Acids / Type F, for Formaldehyde / Type S, for Solvents
Weighing plate	Inox 304L
Waste port	Positioning on the left side or right side

*The EN 14175 Part 3 & ASHRAE 110 standards only apply to extraction weighing stations. That is why this weighing station does not refer to them.
**BIBO: Bag In Bag Out system.



About ERLAB

The ERLAB Research and Development Laboratory

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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