



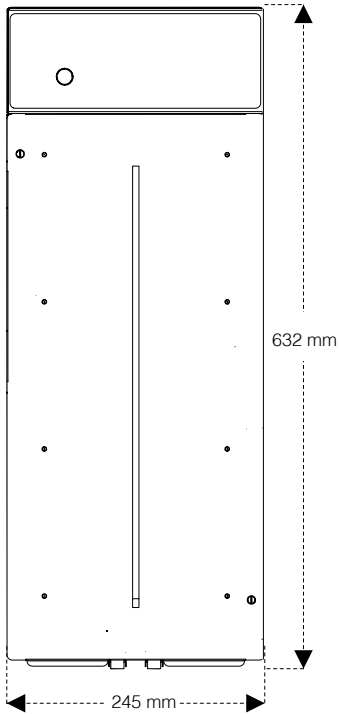
Product datasheet

Captair Chemtrap V201 Smart & Midcap

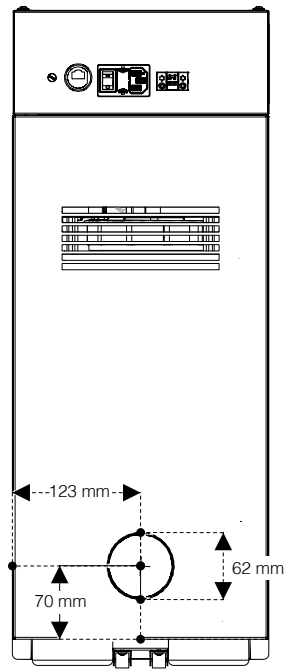
Standalone filtration system for fire proof
and chemical storage cabinets



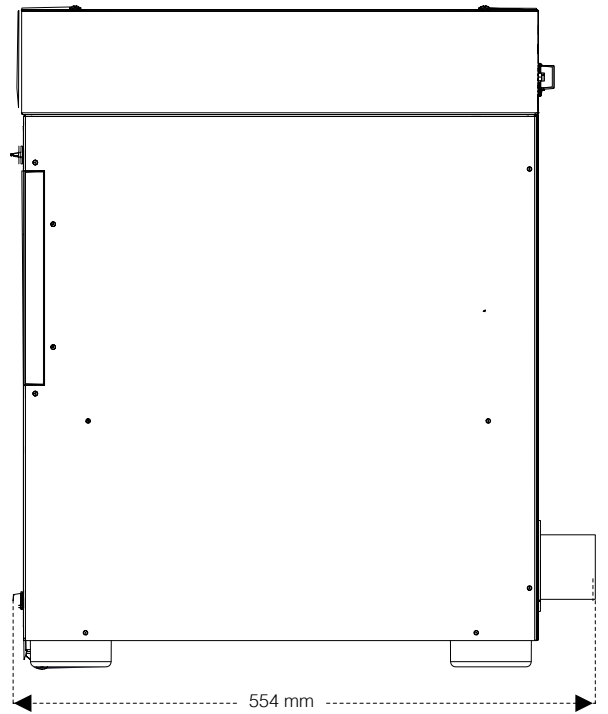
Front view



Rear view

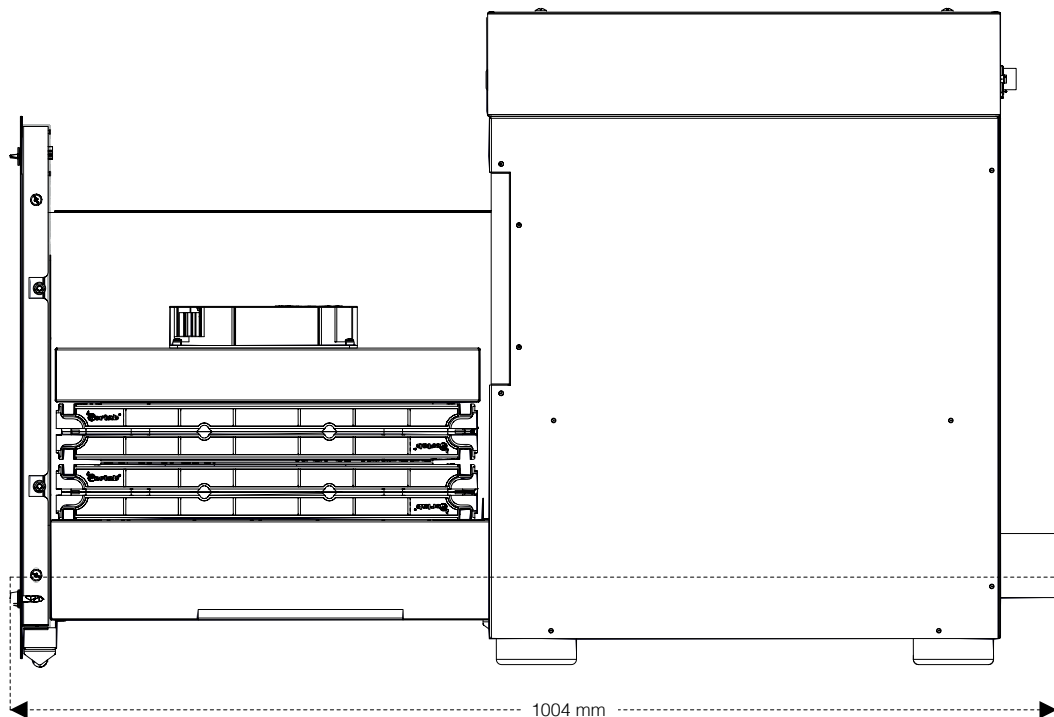


Side view



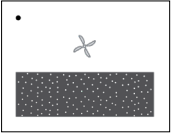
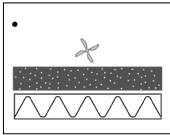
Supplied with 1 metre of flexible connection tube, adaptable connection sleeve and clamp.

Side view with opened drawer





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

Products handled / Applications	
Liquid chemicals handlings	Liquid chemicals and powders handlings
 <p>2C</p>	 <p>1P2C</p>



Carbon filtration for gases and vapours

AS: For Organic vapours

BE+: Polyvalent for Acid + Organic vapours

F: For Formaldehyde vapours

K: For Ammonia vapours



Particulate filtration for powders

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



Molecode

Automatic alarm to detect a filtration fault

Technical specifications

Safety standards	Filtration performances tested according to the AFNOR NF X15-211: 2009 standard: France EN 1822: 1998 (HEPA H14) – EU Marking – EN 61010
Air flow	35m³/h / 21CFM
Voltage/Frequency	110-230V/50-60Hz
Power consumption	15W

Features

Communication interface*	Simple communication by LED pulses: fan alarm, optional filter performance alarm
Monitoring*	Real-time control of security settings
Chemical Listing	List of 700+ approved chemicals compliant with AFNOR NF X15-211 filtration standards

Options

Carbon filtration for gases and vapours	Depending on the filtration column configuration (see above)
Particulate filtration for powders	Depending on the filtration column configuration (see above)
Molecode*	Detection sensor: Type A, for Acids or Type F, for Formaldehyde or Type S, for Solvents

Structure

Metallic parts	Anti-corrosion steel coated with 100% polyester
Filtration module	Injected polypropylene

*Not available on Chemtrap Midcap.



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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