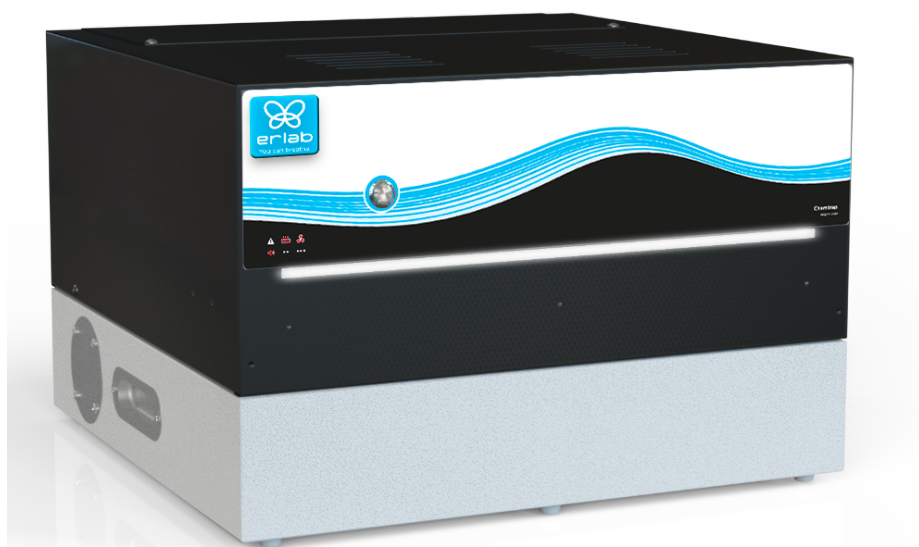




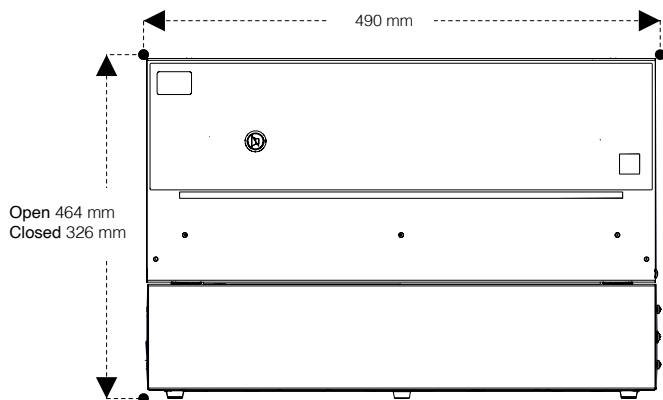
## Product datasheet

### Captair Chemtrap H402 Smart & Midcap

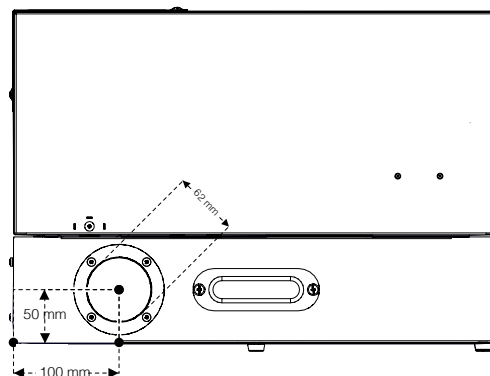
Standalone filtration system for fire proof  
and chemical storage cabinets



Front view



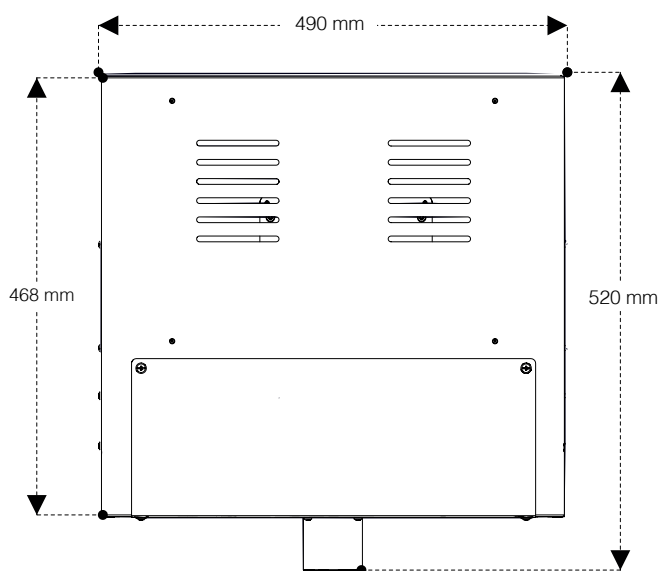
Side view



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

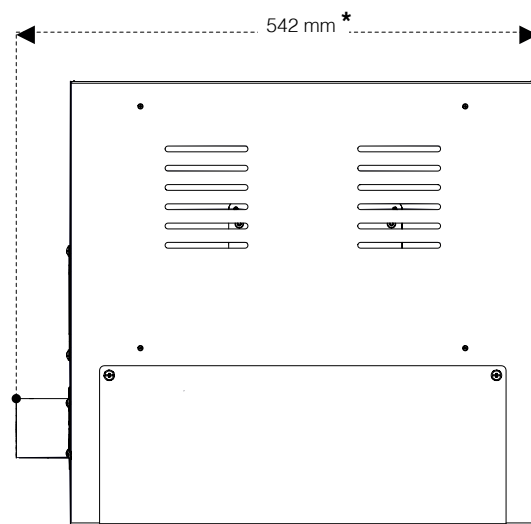
Top view

WITH AN OUTLET ON THE BACK



Top view

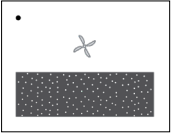
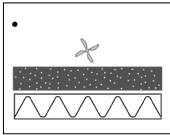
WITH AN OUTLET ON THE RIGHT OR LEFT



\*Same dimension with an outlet on the left.



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><b>1C</b></p>	 <p><b>1P1C</b></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

<b>Safety standards</b>	Filtration performances tested according to the AFNOR NF X15-211: 2009 standard: France EN 1822: 1998 (HEPA H14) – EU Marking – EN 61010
<b>Air flow</b>	60m³/h / 35CFM
<b>Voltage/Frequency</b>	110-230V/50-60Hz
<b>Power consumption</b>	20W

## Features

<b>Communication interface*</b>	Simple communication by LED pulses: fan alarm, optional filter performance alarm
<b>Monitoring*</b>	Real-time control of security settings
<b>Connectivity*</b>	RJ45 cable connection
<b>Chemical Listing</b>	List of 700+ approved chemicals compliant with AFNOR NF X15-211 filtration standards

## Options

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

## Structure

<b>Metallic parts</b>	Anti-corrosion steel coated with 100% polyester
<b>Filtration module</b>	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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