

Product datasheet

CaptairStore 834

Ductless filtering chemical storage cabinet

Safer to operate

- Exclusive Erlab filtration technology
- Filtration performances tested in accordance with AFNOR NF X 15 211
- Secured storage
- Filtration failure sensors for solvents, acids or formaldehyde
- Erlab Safety Program: be guided for the right choice of your secured storage solutions

Simpler to use

With Smart Technology (optional), you can easily see that the hood is operating safely. Should the light pulse, you are notified that:

- Containment has been compromised or,
- The filter has breakthrough or,
- There is a fan failure

Flexibility

- 2 possible configurations:
Double doors and shelves
Pull-out doors with storage trays

Savings

- No ductwork needed
- Low annual energy cost
- Low replacement filter cost

Environment

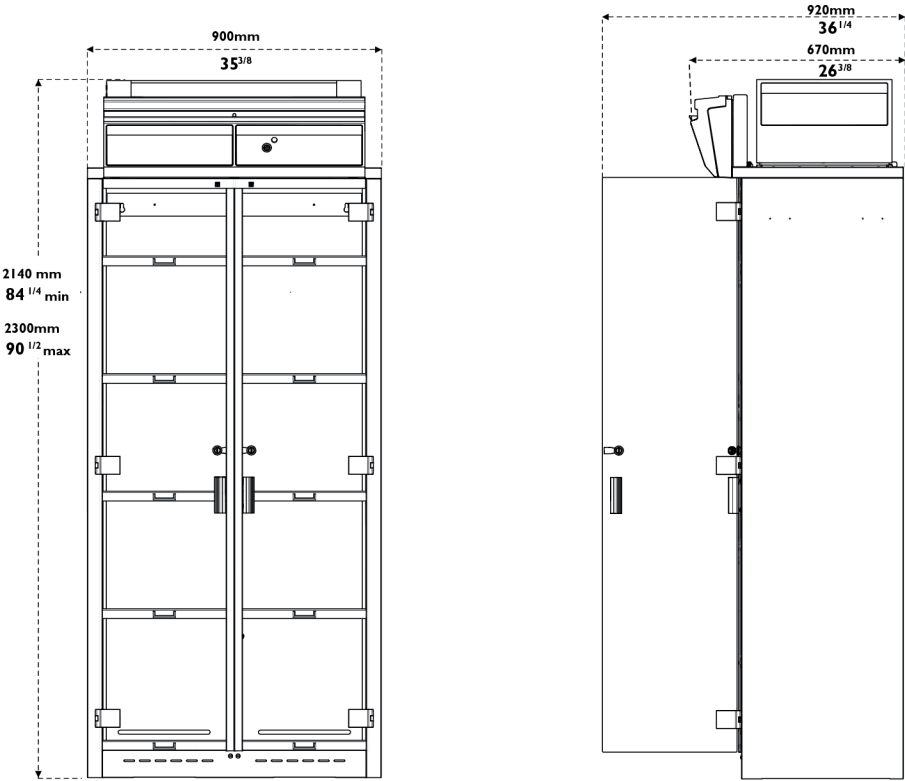
- Pollutants filtered at the source



Ask for the highest level of filtration performances

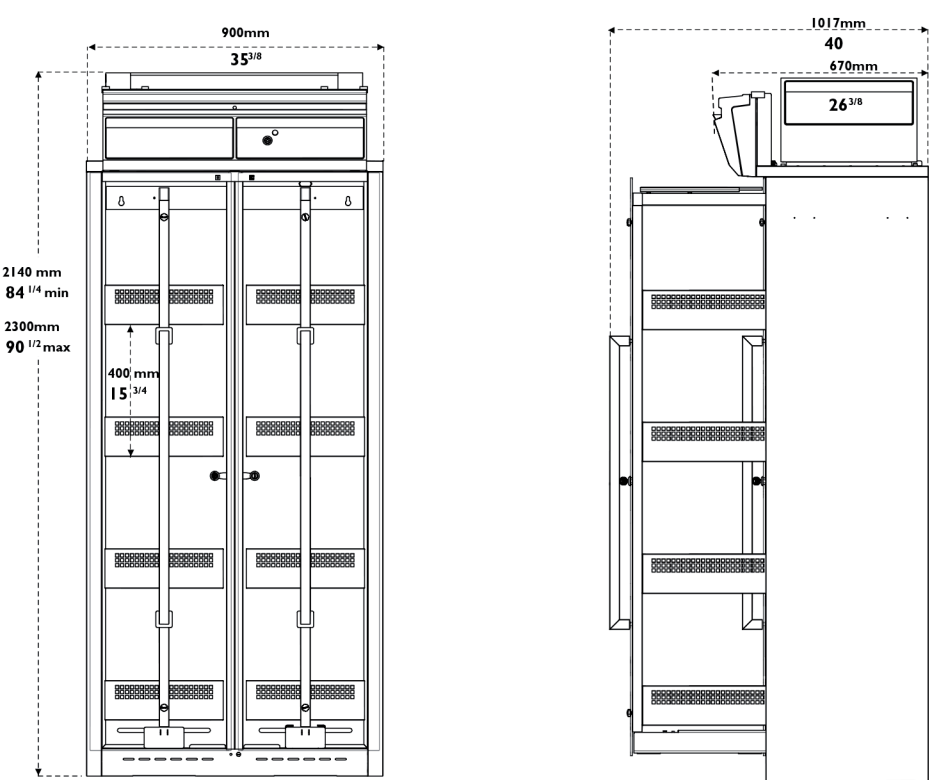


Option 1 – Swing doors with shelves



Shelf with built-in spill retention tray

Option 2 – Pull-out doors with storage trays



Storage with built-in spill retention tray

Technical specifications

Safety Standards	Filtration performances tested according to the AFNOR NF X 15-211:2009 standard : France EN 1822 : 1998 (HEPA H14) - CE Marking
Air Flow	70 m ³ /h
Voltage/Frequency	80 - 220 V / 50-60 Hz
Power consumption	35W
Structure	Corrosion resistant electro-galvanized steel coated with anti-acid polymer
Doors	Clear, chemical resistant acrylic for easy viewing
Filtration Module	Polypropylene

Equipments

Carbon filtration	AS : For organic vapours - BE : acid vapours F : For formaldehyde vapours - K : For ammonia vapours
Particulate filtration for powders	HEPA H14:99.995 % efficiency filtration of particles over 0.1 µm in size
Chemical Listing	List of approved chemicals

Storage configurations

	Version 1 – Double doors with shelves	Version 2: Pull-out doors with storage trays
Storage capacities	120 x 1L glass bottles	100 x 1L glass bottles
Storage compartments	2	2
Delivered with	10 movable shelves with integrated retention tray	8 fixed trays
Absorbing mats	2	8
Lock	Key lock	



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 X 15-211: 2009 standard

Erlab's filtration technology conforms to the NF X 15-211: 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 program

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



eValQuest 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.

France
+33 (0) 2 32 09 55 80 | ventes@erlab.net

Germany
0800 330 47 31 | export.north@erlab.net

United States
+1 800-964-4434 | info@erlab.com

United Kingdom
+44 (0) 1722 341 940 | export.north@erlab.net

China
+86 (0) 512 5781 4085 | sales.china@erlab.com.cn

Italy
+39 (0) 2 89 00 771 | export.south@erlab.net

Spain
+34 936 732 474 | export.south@erlab.net

 **erlab** usa.erlab.com
You can breathe. iaq.erlab.com