

Product datasheet

CaptairStore 822B

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 cabinet 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

- Two models are available:
2 storage compartments with sliding doors
1 drawer and sliding shelf
- Easy and fast relocation

Savings

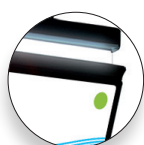
- No ductwork needed
- Low annual energy cost
- Low replacement filter cost

Environment

- Pollutants filtered at the source



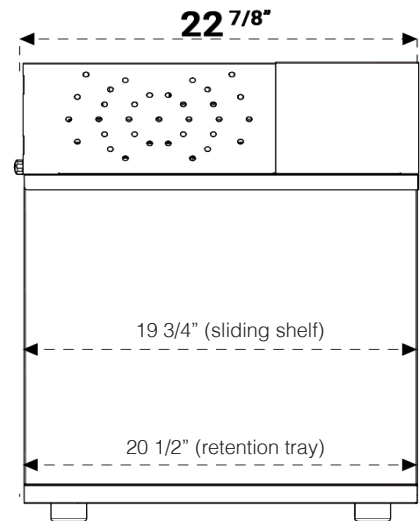
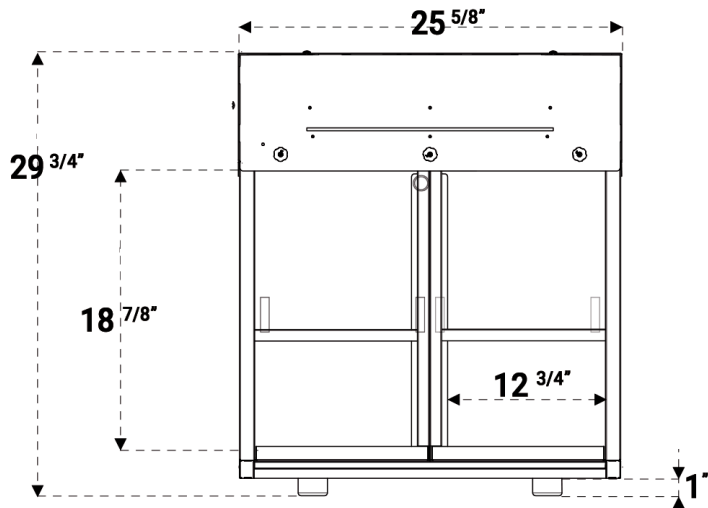
You get the highest level of filtration performance.



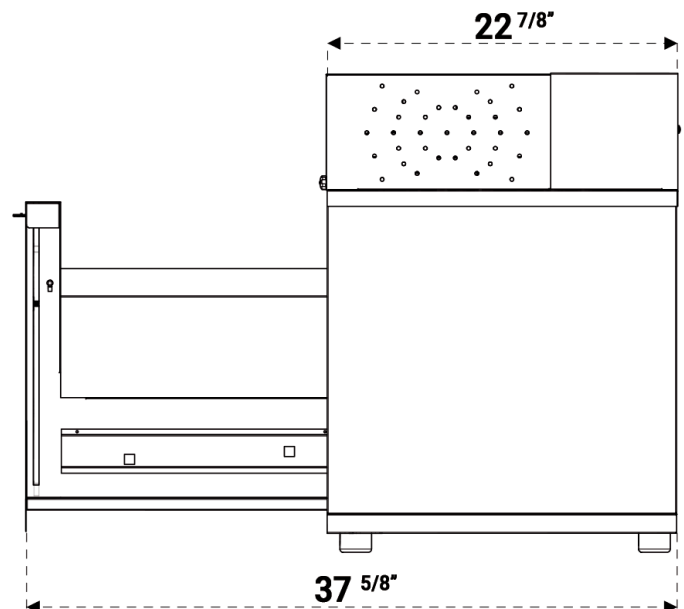
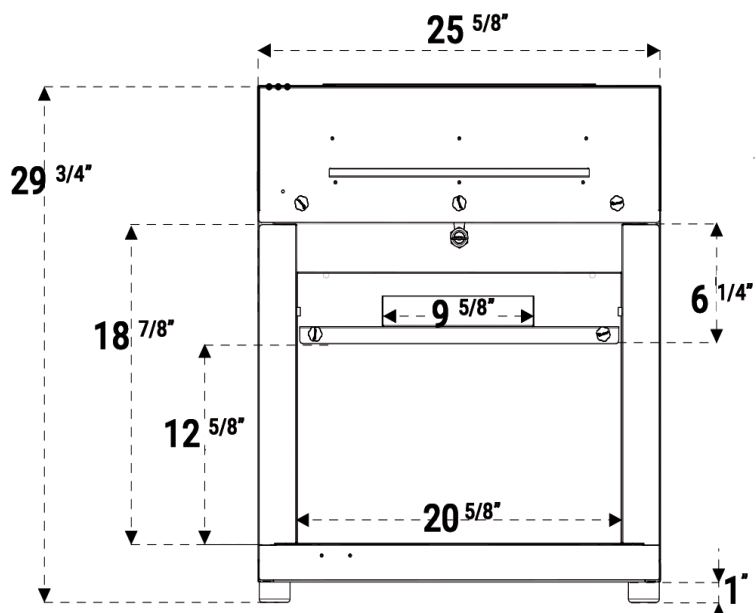
Smart Technology guided communication (OPTIONAL)



Option 1: Storage cabinet with 2 compartment and sliding doors



Option 2: Storage cabinet with 1 drawer and 1 sliding shelf



Technical specifications

Safety Standards	Filtration performances tested according to the AFNOR NF X 15-211:2009 standard : France EN 1822 : 1998 (HEPA H14 Filters) - CE Marking
Air Flow	70 m3/h / 41 CFM
Voltage/Frequency	90 - 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

Features

Smart Technology (optional)*	When the light is pulsing: -Door(s) left open -Containment is compromised -Filter breakthrough
Carbon filtration	AS : For organic vapors - BE : acid vapors F : For formaldehyde vapors - K : For ammonia vapors
Particulate filtration for powders	HEPA H14:99.995 % efficiency filtration of particles over 0.1 µm in size
Doors sensors*	Alarm if doors are left open
Chemical Listing	List of approved chemicals

Storage configurations

	Option 1	Option 2
Storage capacities	50 x 1L bottles	25 x 1L bottles (retention tray) 50 x bottles (drawer)
Storage compartments	2	1
Delivered with	2 trays + 2 sliding Shelves	1 drawer + 1 sliding shelf
Retention trays	2	1
Lock	Key lock	

Options

Molecode*	Detection sensor: Type S, for solvents / Type A, for acids / Type F, for formaldehyde
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* Not available on Captair 822B 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 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.

