

CaptairStore 1634

Ductless filtering chemical storage cabinets

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-Light™

With Smart-Light, 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



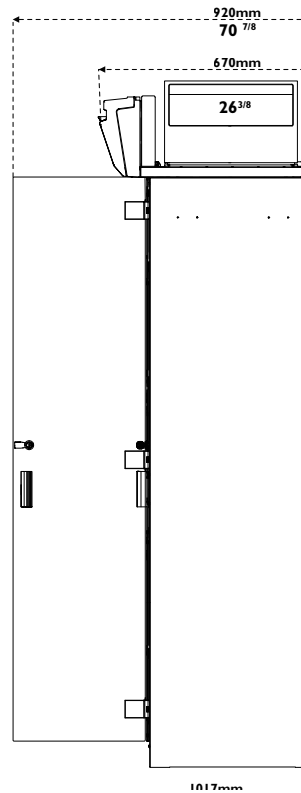
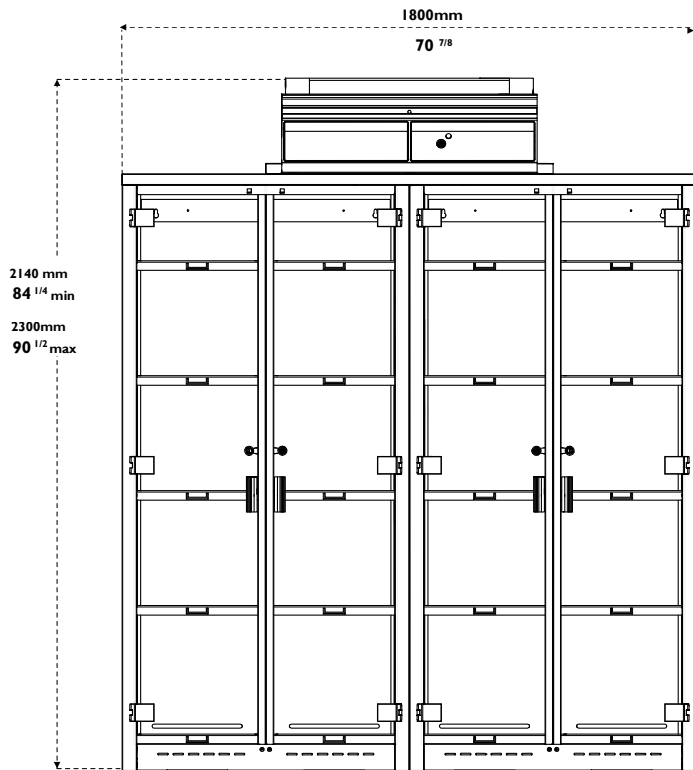
You get the highest level of filtration performance



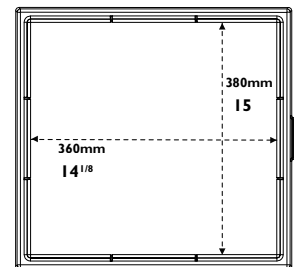
Smart Technology guided communication (OPTIONAL)



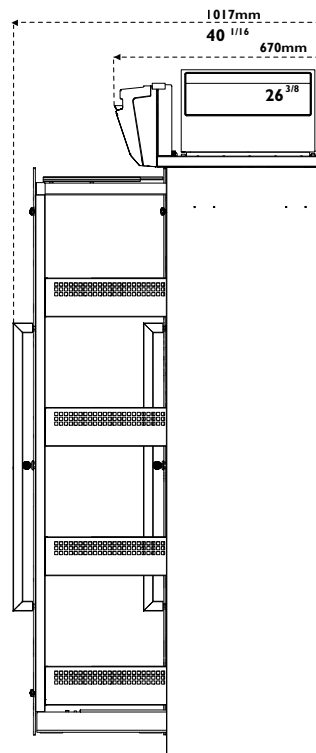
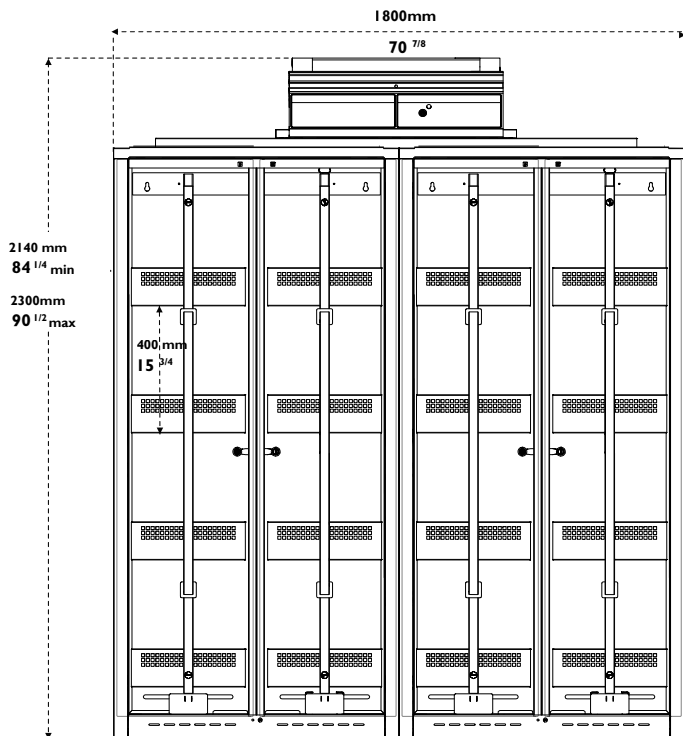
Option 1 – Swing doors with shelves



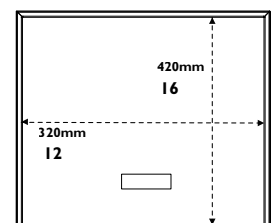
Shelf with built-in spill retention tray



Option 2 – Pull-out doors with storage trays

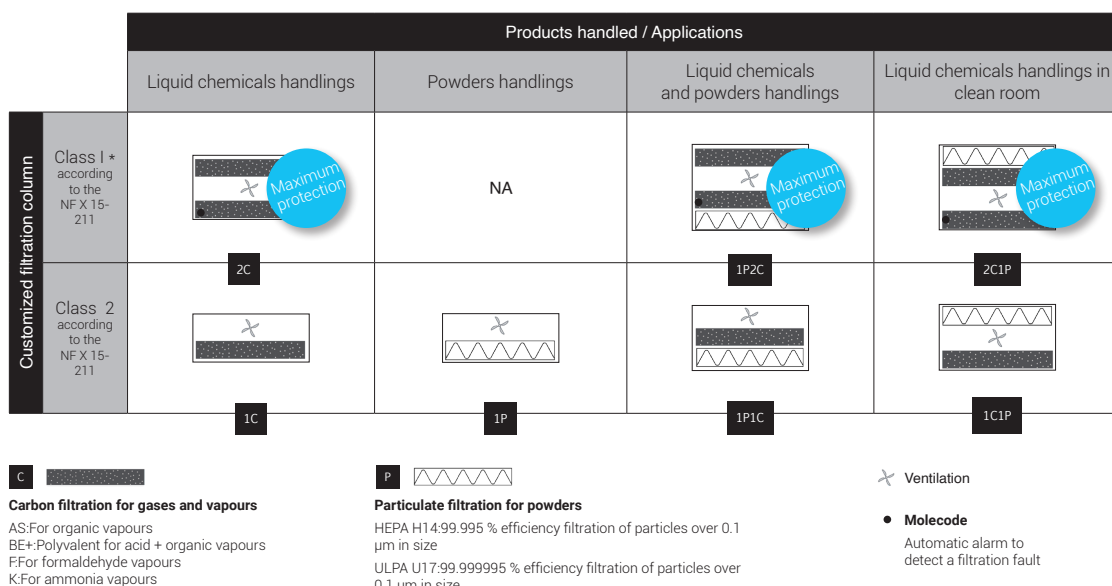


Storage with built-in spill retention tray





Designed with you in mind: our filtration column can be configured for your specific application requirements



Safety Standards	Filtration performances tested according to the AFNOR NF X 15-211:2009 standard : France EN 1822 : 1998 (HEPA H14 & ULPA U17 Filters) - CE Marking
Air Flow	220 m3/h / 129 CFM
Voltage/Frequency	80 - 220 V / 50-60 Hz
Power consumption	45 W
Structure	Corrosion resistant electro-galvanized steel coated with anti-acid polymer
Doors	Clear, chemical resistant acrylic for easy viewing
Filtration Module	Polypropylene

Features

Smart-Light	When the light is pulsing: -Door(s) left open -Containment is compromised -Filter breakthrough
Filtration technology	1 column that can be configured to handle liquids, powders, or both
Carbon filtration for gases and vapors	Depending on the filtration column configuration (see above)
Particulate filtration for powders	Depending on the filtration column configuration (see above)
Doors sensors	Alarm if doors are left open
Chemical Listing	List of most commonly used chemicals (NIOSH) and their retention capacity by our filters

Storage configurations

	Option 1 – Double doors with shelves	Option 2 – Pull-out doors with storage trays
Storage capacities	240 x 1L glass bottles	200 x 1L glass bottles
Storage compartments	4	4
Delivered with	20 adjustable shelves with integrated retention tray	16 fixed trays
Absorbing mats	4	16
Lock	Key lock	

Options

Molécode	Detection sensor for : Type S, for solvents / Type A, for acids / Type F, for formaldehydes
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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.

