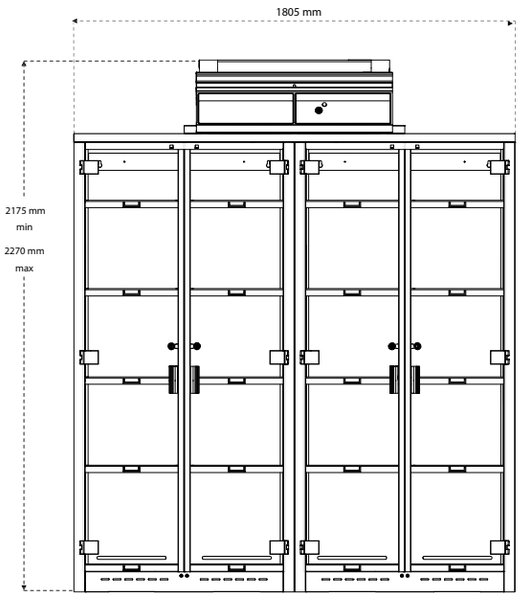
erlab
You can breathe.

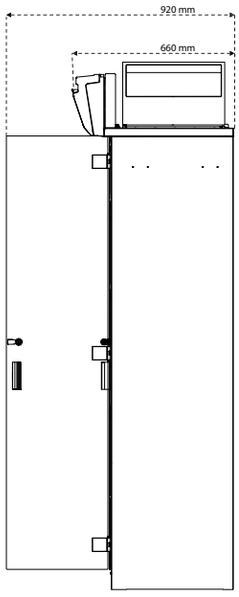
Product datasheet

Captair 1634 Smart

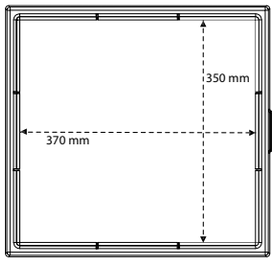
Ductless filtering chemical storage cabinets

Option 1 Swing doors with shelves



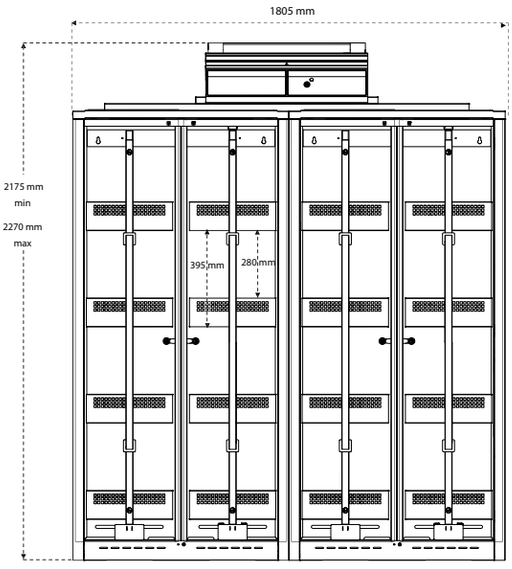


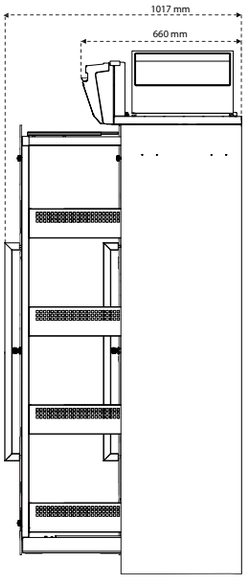
Shelf with built-in spill retention tray



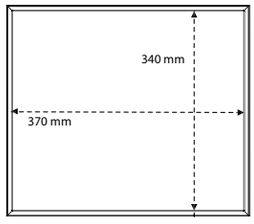
Shelf adjustable every 100mm

Option 2 Pull-out doors with storage trays





Storage with built-in spill retention tray



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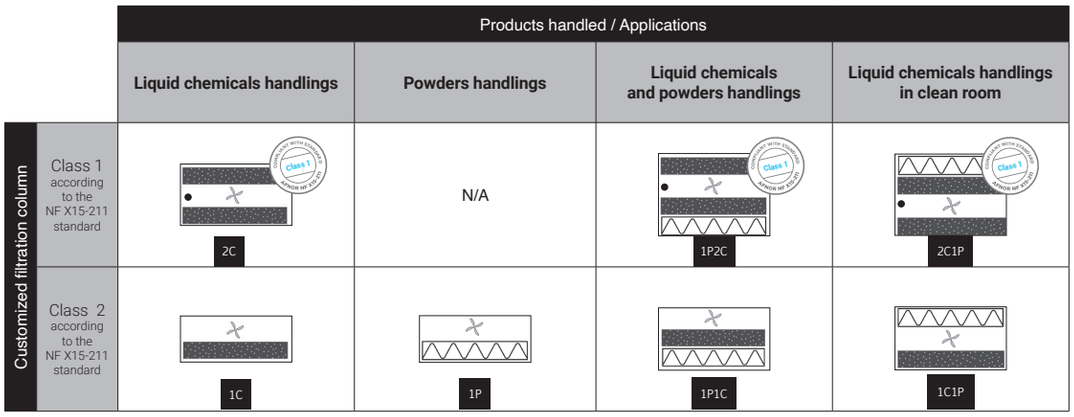
FILTRATION TECHNOLOGY erlab Above

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



Safety standards	Filtration performances tested according to the AFNOR NF X15-211: 2009 standard: France EN 1822: 1998 (HEPA H14 & ULPA U17 Filters) – EU Marking
Air flow	220m³/h / 129CFM
Voltage/Frequency	110-230V/50-60Hz
Power consumption	45W
Structure	Corrosion resistant electro-galvanized steel coated with antiacid polymer
Doors	Clear, chemical resistant acrylic for easy viewing
Filtration module	Polypropylene

Features

Communication interface	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 vapours	Depending on the filtration column configuration (see above)
Particulate filtration for powders	Depending on the filtration column configuration (see above)
Monitoring	Real-time control of security settings
Monitoring of ambient storage conditions	Temperature (T°) / Hygrometry (RH) sensors
Doors sensors	Alarm if doors are left open
Chemical listing	List of 700+ approved chemicals compliant with AFNOR NF X15-211 filtration standards

Configurations de rangement

	Option 1 – Double doors with shelves	Option 2 – Pull-out doors with storage trays
Storage capacities	240x1L glass bottles	200x1L 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

Molecode	Detection sensor: Type A, for acids / Type F, for formaldehyde / Type S, for solvents

The ERLAB Research and Development Laboratory

About ERLAB

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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