



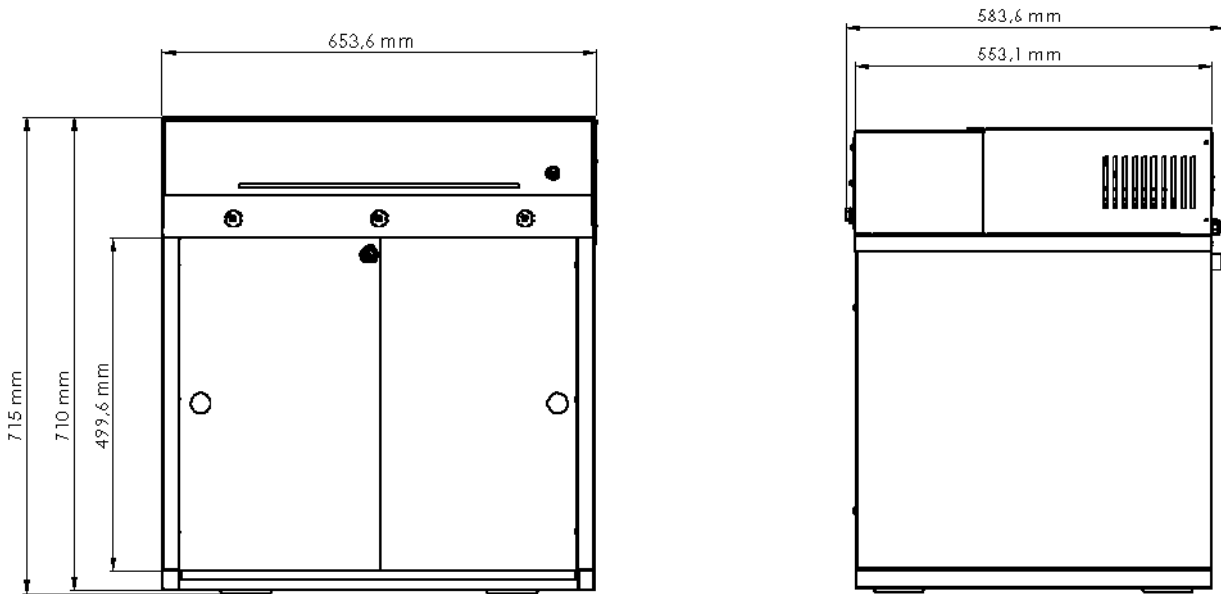
Product datasheet

Captair 632B Smart & Midcap

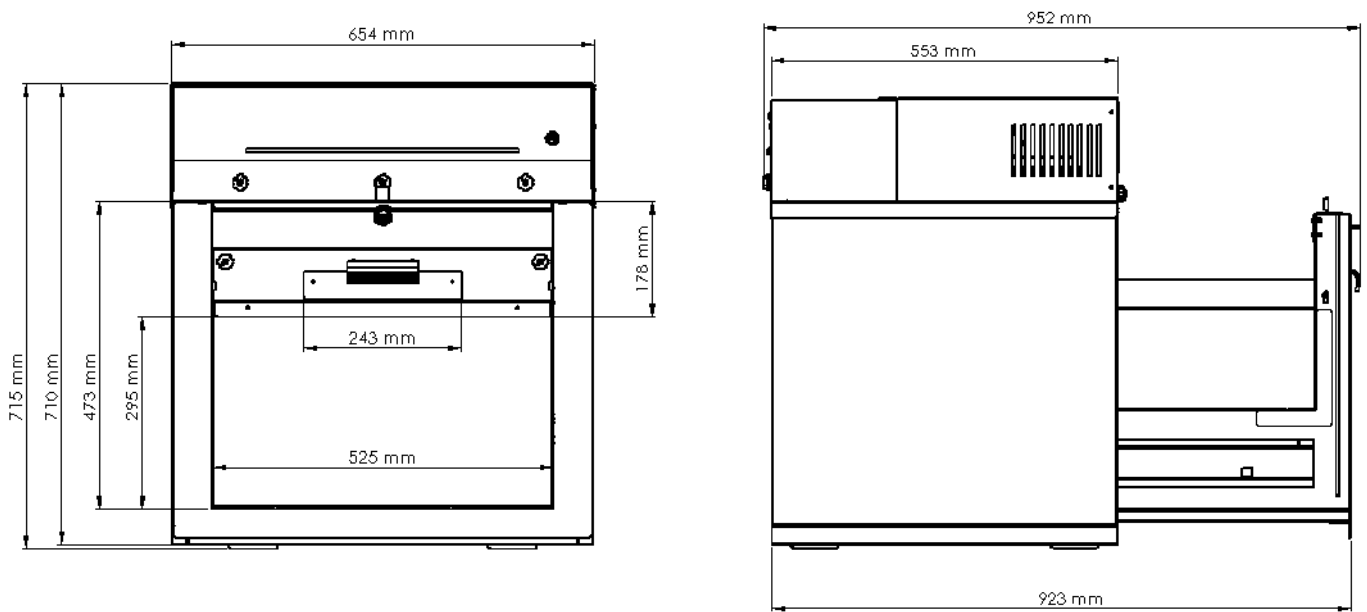
Ductless filtering chemical storage cabinets



Option 1 Storage cabinet sliding doors



Option 2 Storage cabinet with one sliding shelf



Technical specifications

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	11m ³ /h
Voltage/Frequency	110-230V/50-60Hz
Power consumption	20W
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	AS: For organic vapours BE: For acid vapours F: For formaldehyde vapours K: For ammonia vapours
Particulate filtration for powders**	HEPA H13 Filter: 99,95% efficiency filtration of particles over 0.1µm in size
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

*Not available on Captair 632B Midcap. | **Optional.

Storage configurations

	Option 1 – Sliding doors	Option 2 – Sliding shelf
Storage capacities*	About 44 x 1L bottles	About 25 x 1L bottles (tray) About 35 x 100ml bottles (shelf) About 70 x 50ml bottles (shelf)
Storage compartments	2	1
Delivered with	2 trays + 2 sliding shelves	1 tray + 1 sliding shelf
Absorbants mats	4	2
Lock	Key lock	

*Quantities may vary depending on the type of container used.

Options

Molecode*	Detection sensor: Type A, for acids / Type F, for formaldehyde / Type S, for solvents
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*Not available on Captair 632B Midcap.



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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