Product datasheet
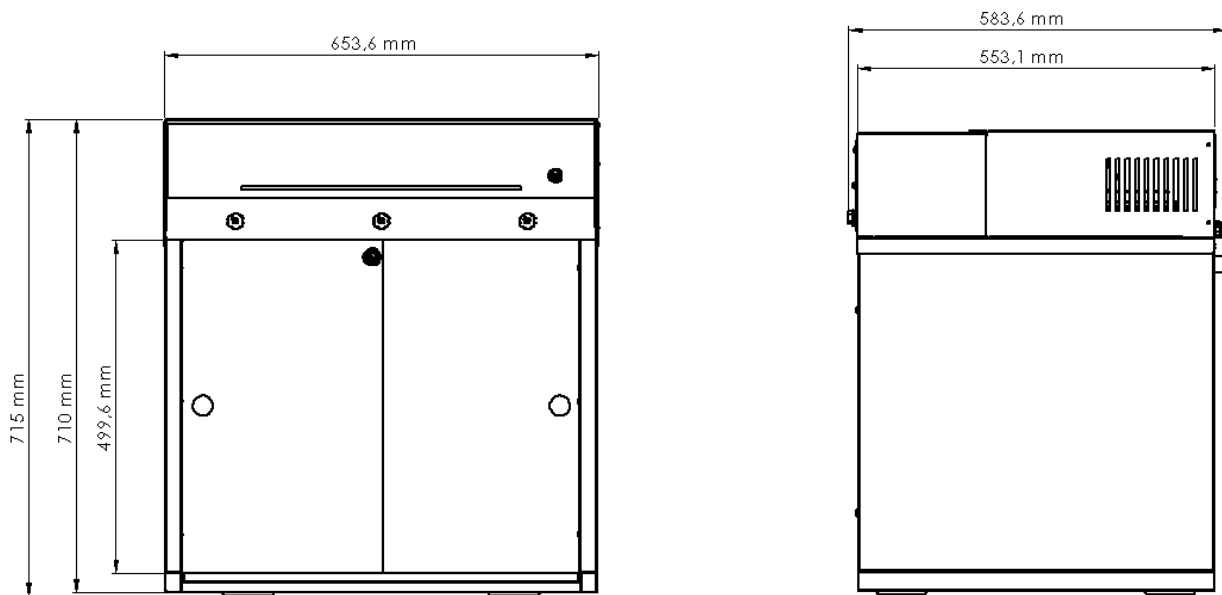
Captair 632B Smart & Midcap
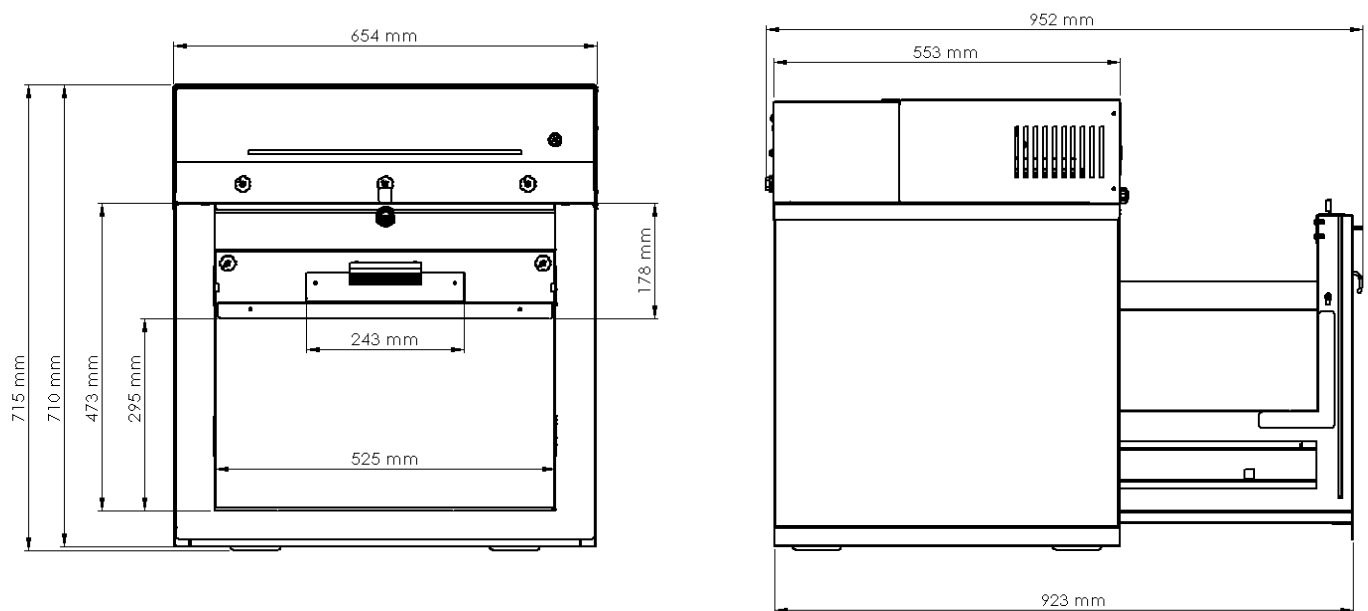
Ductless filtering chemical storage cabinets

Option 1 — Storage cabinet sliding doors

653,6 mm
583,6 mm
553,1 mm
715 mm
710 mm
499,6 mm

Option 2 — Storage cabinet with one sliding shelf

654 mm
952 mm
553 mm
178 mm
243 mm
525 mm
715 mm
710 mm
473 mm
295 mm
923 mm

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	11m³/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

*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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