

## Product datasheet

# Captair 832 Smart & Midcap

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
- Real time sensors to detect main filter saturation with solvents, acids or formaldehyde\*
- Erlab Safety Program: be guided for the right choice of your secured storage solutions
- Connected device allowing reception of safety notifications and use status\*

### Simpler to use

Real time status communication by light and sound pulses\*:

- Door left open
- Main filter saturation
- Fan failure

### Flexibility

- 2 possible configurations:  
Double doors and shelves  
Pull-out doors with storage trays
- Easy and fast relocation

### Savings

- No ductwork cost
- Annual energy cost < 35 €
- Low replacement filter cost

### Environment

- Pollutants filtered at source

\* Not available on Captair 832 Midcap



Ask for the highest level of filtration performances



Powerful light guided communication



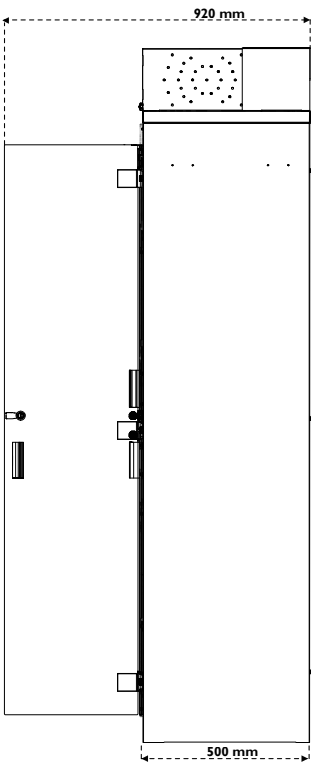
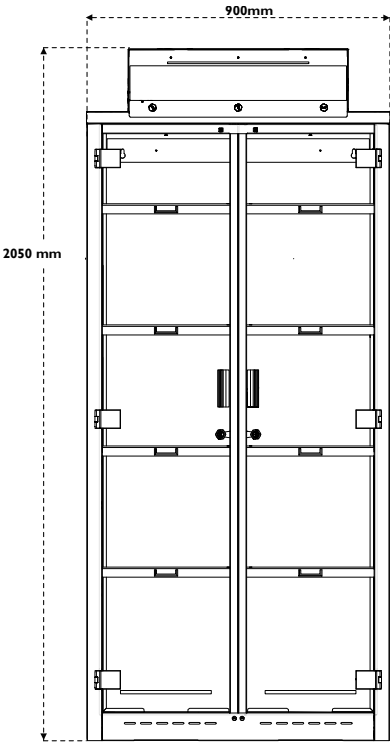
Connect your equipment and benefit from the remote access thanks to our mobile solutions



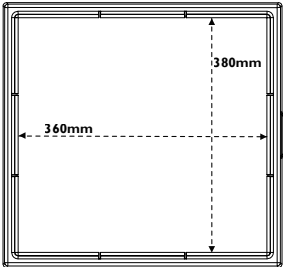
Download our eGuard application



**Version 1 – Double doors with shelves**

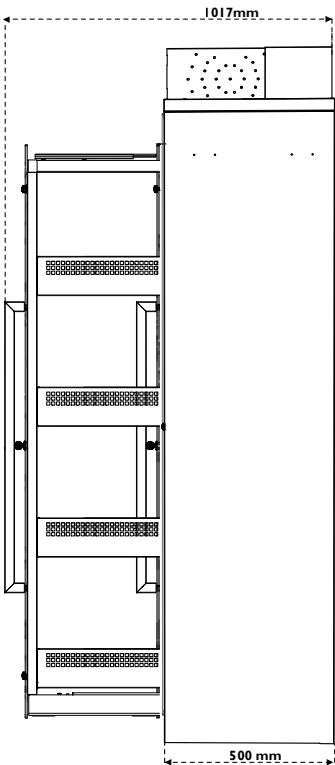
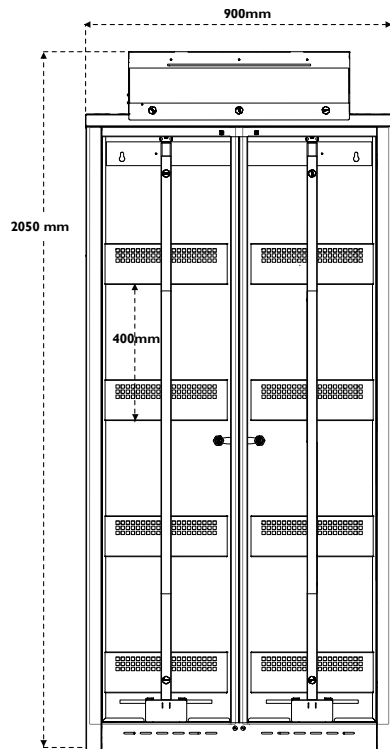


**Shelf with integrated retention tray**

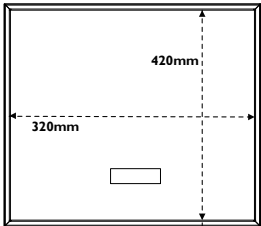


**Storage capacity:**  
120 x 1L bottles

**Version 2 – Pull-out doors with storage trays**



**Storage and retention tray**



**Storage capacity:**  
100 x 1L bottles

## Technical specifications

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	70 m³/h
Voltage/Frequency	80 - 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

## Equipments

Communication interface*	Audible and visible alarms by light pulses (LED) in case of: -Door(s) left open -Ventilation problem -Filters saturation (Molecode)
Carbon filtration	AS : For organic vapours - BE : acid vapours F : For formaldehyde vapours - K : For ammonia vapours
Particulate filtration for powders	HEPA H14:99.995 % efficiency filtration of particles over 0.1 µm in size
eGuard*	App for remote control to monitor the chemical storage cabinet, change the settings, and deliver safety alert immediately to your devices (mobile, tablet and PC)
Doors sensors*	Alarm if doors are left open
Chemical Listing	List of approved chemicals

## Storage configurations

	Version 1 – Double doors with shelves	Version 2: Pull-out doors with storage trays
Storage capacities	120 x 1L bottles	100 x 1L bottles
Storage compartments	2	2
Delivered with	10 movable shelves with integrated retention tray	8 fixed trays
Absorbing mats	2	8
Lock	Key lock	

## Options

Molécode*	Detection sensor for : Type S, for solvents / Type A, for acids / Type F, for formaldehydes
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\* Not available on Captair 832 Midcap



*Erlab's state of the art Research & Development Laboratory relies exclusively on filtration*

## About Erlab

### We provide safety, we protect your health

Erlab invented the ductless fume hood in 1968. With more than 50 years of experience in the field of chemical filtration and protection of laboratory personnel; we know the formula for safety. With Erlab, you will never have to wonder or worry if our products are safe. We build each one of the following 7 ingredients into our products, and without all of them, your health and safety will be compromised.

#### 1 Erlab R&D Laboratory

The engineers and chemists in our state-of-the-art R&D laboratory understand molecular filtration. We are committed to designing products that are safe and of the highest quality, strive to improve our products, and continuously develop new products that provide greater protection in the laboratory.

#### 2 Strict Safety Standards

We hold ourselves to the highest standard and adhere to the strict AFNOR NF X 15-211: 2009 filtration safety standard as endorsed by ANSI Z9.5-2012.

#### 3 A Published Chemical Listing

It all begins here. Without this listing, we are not compliant with AFNOR NFX 15-211. Our in-house laboratory tests, as well as independent testing, to verify the retention capacity of over 700 chemicals for our filters.

#### 4 Independent Testing

Erlab filters have been independently tested multiple times at various concentrations guaranteeing that our safety solutions all adhere to the strict performance criteria of the AFNOR NF X 15-211:2009 standard assuring that the emission concentration at the filter exhaust will always be lower than 1% of the TLV.

#### 5 Application Questionnaire (Valiquest)

Our laboratory specialists will recommend the appropriate filtration fume hood, type of filter, and personalized advice.

#### 6 Certificate of Validation for the chemicals used in the hood

A certified PhD chemist issues a Certificate of Validation with a list of the chemicals approved for use in the hood.

#### 7 Our Safety Program

We back up our products 100%. This program includes your specialized chemical evaluation, validation of your hood upon installation, and a filtration safety specialist at your service to ensure that your hood is operating to its full potential.

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