



Captair 834 Smart

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 < 100 €
- Low replacement filter cost

Environment

- Pollutants filtered at source



Ask for the
highest level of
filtration
performances



Powerful light
guided
communication



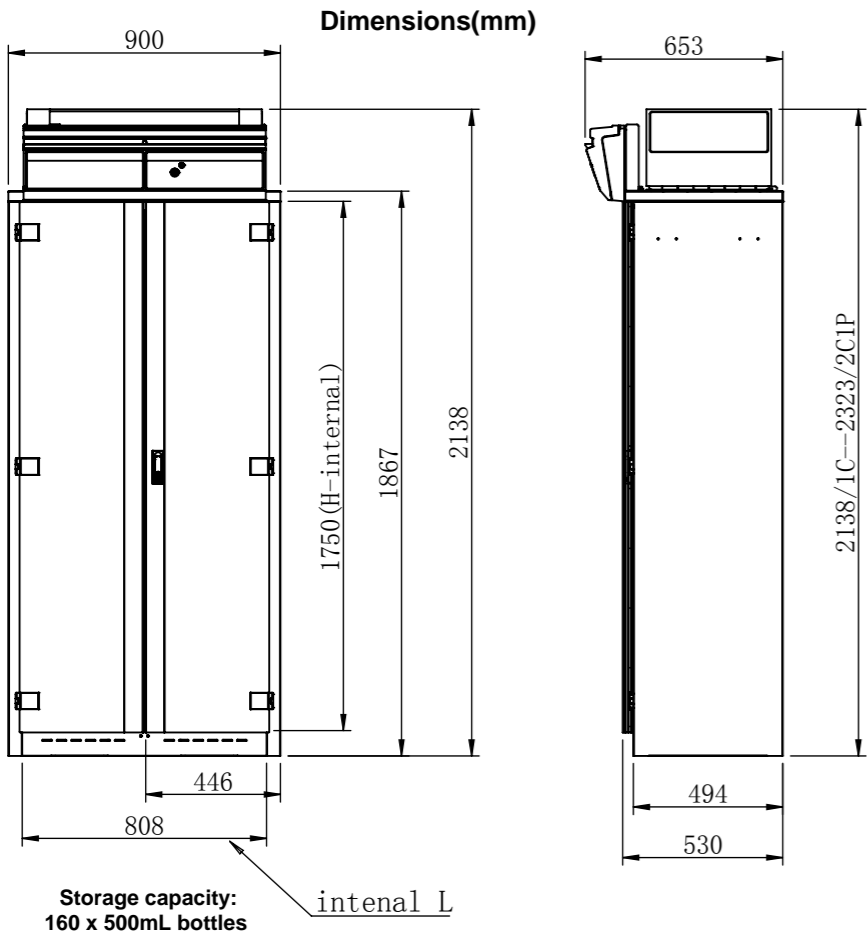
Connect your equipment
and benefit from the
remote access thanks to
our mobile solutions



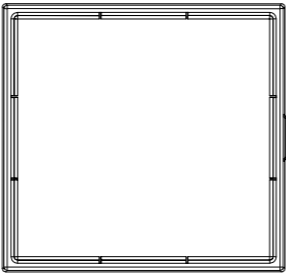
Download our
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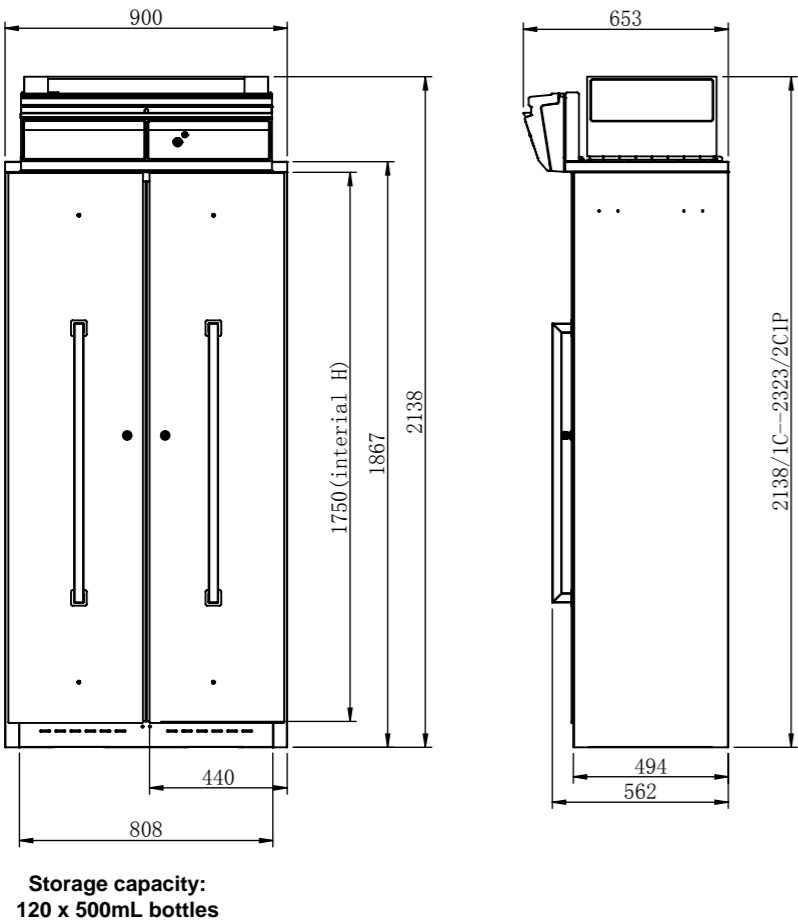
Version 1 – Double doors with shelves



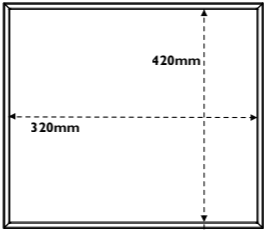
Shelf with integrated retention tray



Version 2 – Pull-out doors with storage trays



Storage and retention tray



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

Available filters :



Carbon filtration for gases and vapours
AS:For organic vapours
BE+:Polyvalent for acid + organic 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
ULPA U17:99.999995 % efficiency filtration of particles over 0.1 µm in size



• **Molecode**
Automatic alarm to detect filter saturation

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
Voltage/Frequency	80 - 220 V / 50-60 Hz
Power consumption/ Max. amperage absorbed	45 W / 0.45A
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)
Filtration technology	1 column that can be configured to handle liquids, powders, or both
Carbon filtration for gases and vapours	Following filtration column configuration (see above)
Particulate filtration for powders	Following filtration column configuration (see above)
eGuard	App for remote control to monitor the hood, 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	up to 160 bottles (double doors)	up to 120 bottles (pull-out doors)
Storage compartments	2	2
Delivered with	10 movable shelves with integrated retention tray	8 fixed trays
Absorbing mats	0	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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Erlab

Our mission: guarantee your protection in the lab

Erlab invented the first filtration fume hood in 1968. 45 years of expertise in chemicals filtration enable us to guarantee your protection throughout the following aspects:

1 R&D laboratory

A worldwide unique lab as a warrant to Erlab expertise in filtration. Erlab innovates constantly to design highest level of chemical protection technologies.

2 Safety standards

Our products performances are certified in compliance with the AFNOR NF X 15 211 standard .

3 Independent tests

Our filtration technology has been tested multiple times by an independent laboratory according to AFNOR NF X 15 211 requirements. Results prove filters efficiency to maintain concentration in recirculated air at lower than 1% of tested chemicals TLV.

4 Chemical listing

Our unique know-how enable us to communicate on our filters retention capacities over 700 chemicals, following AFNOR NF X 15 211 requirements.

5 Erlab Safety Program

Our safety program is the warrant of your protection at all stages: any project begins with an application analysis to allow our lab to recommend the suitable solution. All installed equipments are then followed-up to guarantee the highest level of protection over time.

6 Our questionnaire

Allows our lab specialists to recommend adapted filtration fume hood, filter type and predictive life-time, such as personalised assessment.

7 We make your fume hood uses a commitment

Our laboratory provides a usage certificate for each fume hood, in compliance with AFNOR NF X 15 211 requirements.

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