



Captair 834 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
- Connect with eGuard™ for real-time status, notifications and alerts*

Simpler to use with Smart-Light™

With Smart-Light, you can easily see that the hood is operating safely.

Should the light pulse, you are notified that*:

- Containment has been compromised or,
- The filter has breakthrough or,
- There is a fan failure

Flexibility

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

Savings

- No ductwork needed
- Low annual energy cost
- Low replacement filter cost

Environment

- Pollutants filtered at the source

* Not available on Captair 834 Midcap



You get the
highest level of
filtration
performance



Smart-Light
keeps you
safe



Connect your equipment
and download the
eGuard App for remote
access



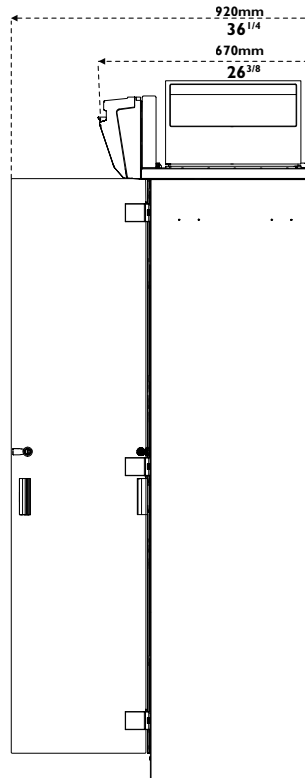
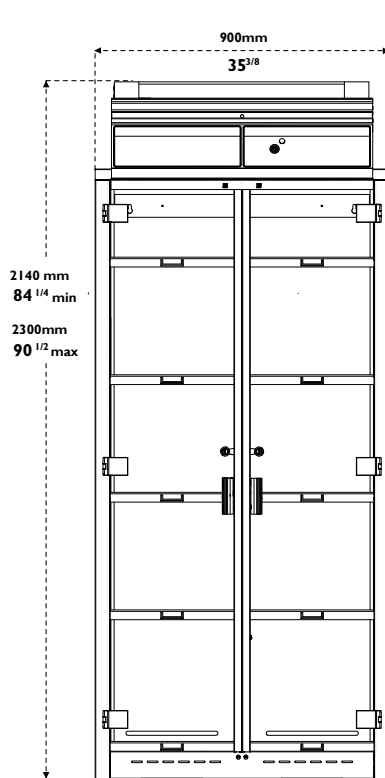
Download our
eGuard application



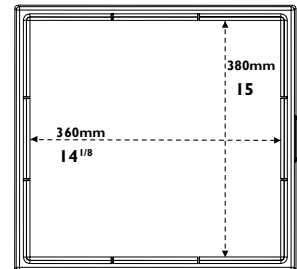
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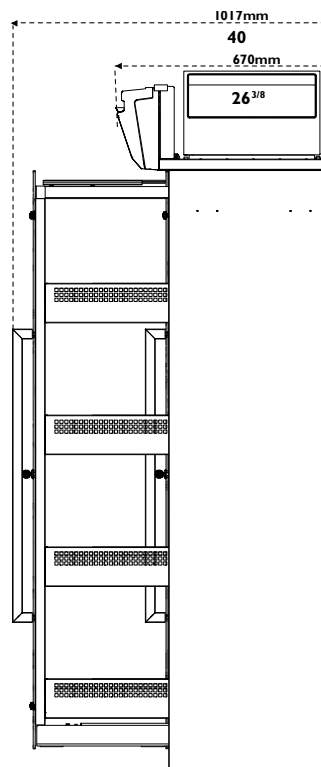
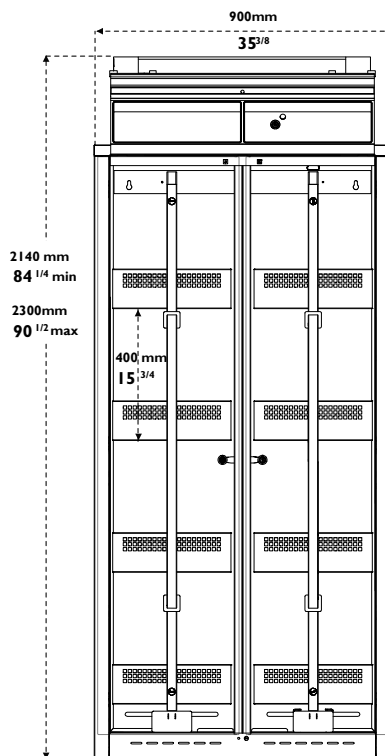
Option 1 – Swing doors with shelves



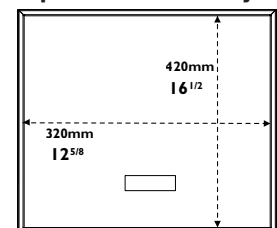
Shelf with built-in spill retention tray



Option 2 – Pull-out doors with storage trays




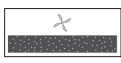
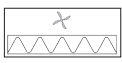
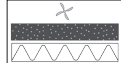
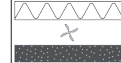





Storage with built-in spill retention tray





Designed with you in mind: our filtration column can be configured for your specific application requirements

		Products handled / Applications			
		Liquid chemicals handlings	Powders handlings	Liquid chemicals and powders handlings	Liquid chemicals handlings in clean room
Customized filtration column	Class 1 according to the NF X 15-211	 Maximum protection 2C	NA	 Maximum protection 1P2C	 Maximum protection 2C1P
	Class 2 according to the NF X 15-211	 1C	 1P	 1P1C	 1C1P
		C  Carbon filtration for gases and vapours AS:For organic vapours BE+:Polyvalent for acid + organic vapours F:For formaldehyde vapours K:For ammonia vapours	P  Particulate filtration for powders HEPA H14:99.995 % efficiency filtration of particles over 0.1 µm in size ULPA U17:99.99995 % efficiency filtration of particles over 0.1 µm in size	 Ventilation 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 / 129 CFM
Voltage/Frequency	80 - 220 V / 50-60 Hz
Power consumption	45 W
Structure	Corrosion resistant electro-galvanized steel coated with anti-acid polymer
Doors	Clear, chemical resistant acrylic for easy viewing
Filtration Module	Polypropylene

Features

Smart-Light*	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 vapors	Depending on the filtration column configuration (see above)
Particulate filtration for powders	Depending on the filtration column configuration (see above)
eGuard app* (Android or iOS)	For remote control to monitor the status of the storage cabinet, change the settings, and deliver safety alerts immediately to your devices (mobile, tablet and PC)
Doors sensors*	Alarm if doors are left open
Chemical Listing	List of most commonly used chemicals (NIOSH) and their retention capacity by our filters

Storage configurations

	Option 1 – Double doors with shelves	Option 2 – Pull-out doors with storage trays
Storage capacities	120 x 1L bottles	100 x 1L bottles
Storage compartments	2	2
Delivered with	10 adjustable 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 834 Midcap



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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