



Captair Smart

Ductless filtering chemical storage cabinets

Life in the lab becomes *Simpler Safer*



Captair Smart

Ductless filtering chemical storage cabinets
Erlab's innovative technology keeps you safe

Erlab's unique Flex Filtration can manage most lab storages

SMART TECHNOLOGY
Simple, intuitive communication by light shows the status of the unit

Sensors to detect filter saturation

Low power consumption. Operates with a standard plug

Sensors alert the user if the door is left open

Locking doors for added security

Clear doors for easy viewing



Download the eGuard App for remote control and monitoring

Safe, easy access to your chemicals with adjustable spill-proof shelves, pull-out vertical shelves, large volume drawers



Life in the laboratory becomes simpler and safer

Simpler to use *Safer* to operate

Erlab's 45 years of expertise in research, design and manufacturing of filtering fume hoods and chemical storage cabinets guarantee superior filtration that will keep you protected during your chemical processes.

Smart Technology: The new Captair Smart filtering chemical storage cabinets are designed with a simple and innovative way of communication. Smart Technology uses simple light to show that the unit is operating safely so you can focus your attention on what is most important: your work.



Filtration

Demand the best filtration quality



Simple to use

A single activation key



Safety

A powerful communication interface via light pulses to enhance safety.

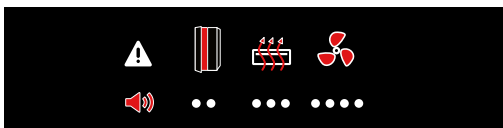


Connectivity

Connect your device and monitor its use remotely via our mobile solutions.

Simpler to use

- SMART technology informs users about their protection using light and sound . Light and sound pulses give real time information about:



Doors are left open
Filter breakthrough
Fan Failure

- The eGuard App gives you remote control to monitor the hood, change the settings, and delivers safety alerts immediately to your mobile, tablet or PC device.

Safer to operate

- The configurable filtering system above the enclosure can be adapted to filter gases, solvents, powders and particulates keeping the user and the lab protected by safely and efficiently recirculating air within the room and releasing purified air back into the room free of any toxic hazardous vapors or odors.
- Meets AFNOR NFX 15 211/ANSI Z9.5-2012 filtration efficiency standard (classes 1 and 2).
- New sensors are added for detection of solvents or acids or formaldehyde.
- New sensors are added if doors are left open.
- ESP Program: Usage certification delivered with each unit after approval of your storages by our in-house lab.

Organize your chemical storage

- Smaller sizes are available for use on or under counters or equipment.
- Floor-standing models can be configured with adjustable spill-proof shelves, pull-out vertical shelves, and large volume drawers.

822



Storage capacity:
20 - 25 bottles of 1L

832



Storage capacity:
100 - 120 bottles of 1L

834



Storage capacity:
100 - 120 bottles of 1L

1634



Storage capacity:
200 - 240 bottles of 1L

Design	822	832	834	1634
Width (mm - inch)	650 (25 ^{5/8})	900 (35 ^{3/8})		1800 (70 ^{7/8})
Depth (mm - inch)	580 (22 ^{7/8})	500 (19 ^{3/4})		
Height min - max (mm - inch)	755 (29 ^{3/4})	2050 (80 ^{3/4})	2140 (84 ^{1/4}) - 2300 (90 ^{1/2})	
Air Flow	70 m ³ /h / 40 CFM		220 m ³ /h / 130 CFM	
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			
Power consumption	35W		45W	
Voltage/Frequency	80 - 220 V / 50-60 Hz			
Structure	Corrosion resistant electro-galvanized steel coated with anti-acid polymere			
Doors	Clear, chemical resistant acrylic for easy viewing			
Filtration Module	Polypropylene			

Configurable storage options

822	2 storage compartments with sliding doors or 1 storage compartment with large volume drawer
832	2 storage compartments : spill-proof shelves, large volume drawers pull-out vertical shelves
834	2 storage compartments : spill-proof shelves, large volume drawers pull-out vertical shelves
1634	4 storage compartments : spill-proof shelves, large volume drawers pull-out vertical shelves

Features

Smart Technology	Simple communication by LED pulsation system: fan settings, usage timer, fan failure, face velocity, automatic filter saturation detection
Flex Technology	1 column that can be configured for liquids, powders, or both storages
Carbon filtration for gases and vapors	AS : For organic vapors - BE+ : For organic and acid vapors F : For formaldehyde vapors - K : For ammonia vapors
Particulate filtration for powders	HEPA H14 : 99,995 % filtration efficiency according MPPS method, EN1822 standard ULPA U17 : 99,99995 % filtration efficiency according MPPS method, EN1822 standard
eGuard	App for remote control to monitor the chemical storage cabinet, change the settings, and deliver safety alerts immediately to your devices (mobile, tablet and PC)
Connectivity	RJ45 cable connection
Molecode	Detection sensors for solvents or acids or formaldehyde
Doors sensors	Alarm if doors are left open
Chemical Listing	List of approved chemicals

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