

# Filtered Storage Cabinets CaptairStore & Filtration units for safety cabinets Chemtrap

Designed to store a wide variety of chemicals used in the laboratory, CaptairStore filtered chemical storage cabinets eliminate inhalation of noxious fume associated with the concentration of vapors into the lab air.



ChemTrap filtration systems eliminate toxic fumes generated by chemicals stored into safety cabinets. ChemTrap allows laboratories equipped with safety cabinets to also benefit from a protection against chemical inhalation risks without having to connect to an expensive energy consuming ductwork.



- CaptairStore vented and filtered cabinets offer secured and proximity solution to store numerous bottles and flasks, which are space-consuming and generate pollution in the lab air

- ChemTrap range adapts on the main brands and models of safety cabinets\*, allowing protection against chemical inhalation risk

\*Safety cabinet not provided

## Benefits

### ● Protection

- Eliminates the concentration of toxic vapors and noxious odors from the laboratory air
- Filtration system tested according to AFNOR NFX 15-211
- Automatic filter saturation alarm

### ● Performance and flexibility of the filtration system (CaptairStore)

- Filtration adapted for the storage of liquid chemicals and/or powders
- New versatile BE+ filter with a very high retention capacity of bases, acids, and solvents

### ● Storage ease and convenience (CaptairStore)

- Double door & double compartments for the storage of compatible and /or incompatible chemicals
- Non-corrosive polypropylene shelves with a built-in spill tray
- Storage capacity from 10 to 240 liters

### ● Immediately ready to use

- No ductwork needed, fits easily in the laboratory close to the workstation
- Easy to relocate

### ● Environmentally conscientious

- Max. energy consumption of 34W
- No direct emission of pollutants into the atmosphere
- Clean air recirculation contributes to the laboratory ambient air purification



## • ESP program (Erlab Safety Program)

In order to ensure maximum safety and long term performances, Erlab laboratory applies exclusive methodology through the Erlab Safety Program, to guarantee the protection during the whole life time of the storage cabinet

- Precise identification of the need to offer the suitable protection solution
- Certification of the usage framework at each installation
- Follow up of the cabinet



## • Flex Filtration Technology

The unique design of the filtration column allows a configuration that best fits the storage needs of your lab - whether it is liquids, powders, or both.

# Technical specifications

Dimensions WxDxH (mm)

### Close to the working bench

Shelf 812



Ext. 820x285x575

Ministore 822



Ext. 820x354x730

Chemtrap V201  
For upright  
fireproof cabinets



Ext. 390x570x267

Chemtrap H402  
For under bench  
fireproof cabinets



Ext. 200x537x587

### Cost saving solution !

Store 832



Ext. 800x510x2050

### Flex filtration column

Store 834



Ext. 800x605x2175/2255

### Large storage capacities

Store 1634



Ext. 800x605x2210/2290

	Shelf 812	Ministore 822	Store 832	Store 834	Store 1634	Chemtrap V201	Chemtrap H402
Types of filters*	AS - BE - F - K - HP			AS - BE+ - F - K - HP - U		AS - BE - F - K - HP	
Processed air flow	75 m³/h			> 75 m³/h		> 50 m³/h	75 m³/h
Voltage / Frequency	230 V / 50 Hz			230 V / 50 Hz		230 V / 50 Hz	
Power consumption	20 W			34 W		19 W	
Metallic parts	Anti-corrosion metallic alloy protected by a thermo-hardened anti-acid polymer coating						
Doors	6 mm thick acrylic					X	X
Control panel	X			Equipment and safety alarms**		X	
Sampling port	X			For filter saturation detection		X	
Lock	X	For a secured access to chemicals				X	
Filtration module	X			Injected polypropylene, carbone			
Storage capacity (bottles of 1 liter)	10	45	120	120	240	X	X
Number of shelves with spill tray	X	2	10	10	20	X	X
Flexible duct connection	X	X	X	X	X	1 meter (Ø 80 mm)	
Flexible connecting flange	X	X	X	X	X	Ø 75 to 110 mm	

\*AS : For organic vapours / BE+ : For organic vapours + acid vapours / F : For formaldehyde vapours / K : For ammonia vapours / HEPA H14 & ULPA U17 : Filter for powders

\*\* Equipment and safety alarms: Lightning, ventilation parameters, last filter replacement date, fan failure alarm, automatic detection of filter saturation (optional), maintenance parameters.

### Equipment & Options

#### Shelf 812 et Ministore 822

On legs to be placed on a work surface, to be wallmounted, to be placed underbench

#### Store 832, 834 et 1634

Automatic alarm to detect filter saturation by solvents (Except 832), Particular Pre-filter, HCl box

#### Chemtrap

- Sampling port for filter saturation test.
- Alarm for a constant monitoring of the ventilation system
- Automatic filter saturation detection for solvents.

## Erlab

Inventor of the ductless laboratory fume hood and worldwide leader since 1968, Erlab's passion is to focus on the research & development, design, and manufacturing of cutting-edge toxic gas air filtration in the laboratory.

As an innovator, Erlab is committed to safety, performance, energy efficiency and sustainability and has remained number one in the world for ductless fume hoods since 1968 with more than 100 000 units in operation.

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