



Chemtrap H402 Smart

Standalone filtration system for fire proof
and chemical storage cabinets

Protection from inhalation
of noxious chemicals



- Transforms any fire proof or chemical storage cabinet into a standalone filtered storage safety cabinet
- Eliminates noxious vapors released from your fire resistant safety cabinet and improves your safety from inhalation risks
- Continuously cleans the air in your lab
- Simple and intuitive communication by light and sound system
- Easy to install, energy saving & economical, no ducting needed

Compatible with fire proof and other storage cabinets
Safety cabinet not provided

Chemtrap H402 Smart

Standalone filtration system for chemical storage cabinets
Erlab's innovative technology keeps you safe

Compatible with fire proof and
other storage cabinets
Fast and easy installation,
no ducting required

Transforms any fire proof or chemical
storage cabinet into a standalone filtered
storage safety cabinet

Very low energy consumption
Reduced running costs



Chemtrap V201 Smart

Also available for
underbench safety cabinet

Simpler to use *Safer* to operate

Erlab's 50 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 laboratory activities.

Chemtrap Smart filters the air from the internal chamber of a storage cabinet, captures noxious fumes right at the source and returns clean air back into the laboratory while contributing to a better and safer working environment. Designed as a standalone system with no need for ducting, it is equipped with an adjustable flexible air pipe that allows an easy connection to the exhaust of your existing cabinet.

Equipped with the highest efficiency filtration system, Chemtrap Smart now integrates an innovative and straightforward mode of communication called Smart Technology. This technology uses simple light and sound pulsations 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

Easy to install and to replace filters.



Safety

A powerful communication interface via light pulses and sounds to enhance safety.



Connectivity

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



Compatibility

Compatible with fire proof and other storage cabinets.

Simpler to use

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



- • Filter alarm
- • • Fan alarm

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

Safer to operate

- The configurable filtering system above the fire proof or chemical storage cabinet can be adapted to filter gases, solvents, powders and particulates keeping the user and the lab protected by safely and efficiently cleaning the air within the room free of any hazardous vapors or odors.
- New optional sensors can be added for detection of solvents or acids or formaldehyde.

Specifications



Model description	H 402	V 201
External width (mm / in)	482 / 19	245 / 9 ^{5/8}
External depth (mm / in)	451 / 17 ^{3/4}	554 / 21 ^{3/4}
External height (mm / in)	315 / 12 ^{3/8}	632 / 24 ^{7/8}
Air flow (m³/h / CFM)	60 m³/h / 35 CFM	35 m³/h - 21 CFM
Safety Standards	Filtration performances tested according to the AFNOR NF X 15-211:2009 standard : France EN 1822: 1998 (HEPA H14) - CE Marking EN 61010	
Voltage / Frequency (V/Hz)	110 - 230 V / 50 - 60 Hz	110 - 230 V / 50 - 60 Hz
Power consumption (Watts)	20	15
Flexible PVC pipe (meter / feet)	1 m / 3' 1"	1 m / 3,3 feet
PVC fitting	Ø 50 to 100 mm / 2 to 4 in	Ø 50 to 100 mm / 2 to 4 in

Features

Smart Technology	Simple communication by LED pulsation system: fan alarm, optional filter performance alarm
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
Chemical Listing	List of approved chemicals

Options

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 EN1822 standard
Optional molecode gas sensors	Detection sensor: Type A, for acids / Type F, for formaldehyde / Type S, for solvents

Structure

Metallic parts	Anti-corrosion steel coated with 100% polyester
Filtration module	Injected polypropylene

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