



# Chemtrap

Filtration system for chemical storage cabinets

## Protection from inhalation of noxious chemicals



- Transforms your ordinary chemical storage cabinet into a filtered storage cabinet
- Fast and easy installation
- Eliminates noxious vapors
- Continuously cleans the air in your lab

ChemTrap filters the air from a safety/acid cabinet's internal chamber, captures and retains toxic fumes, and returns clean air back to the laboratory. Designed as a standalone system with no need for ducting, it is equipped with an adjustable pipe that accommodates connection points from the side or back of your existing cabinet.

Compatible with a wide range of safety cabinet brands\*

### User protection

When connected to a traditional chemical storage cabinet, the ChemTrap filtration system eliminates the noxious vapors that are inhaled when opening the cabinet.

### Simple and easy

No ducting is needed. A simple and fast connection with a universal pipe fitting

### Laboratory air purification

ChemTrap filters the air from a safety/acid cabinet's internal chamber, captures and retains toxic fumes, and returns clean air back to the laboratory.

# Specifications

## H 402



## V 201



Model	H 402	V 201
External Width (mm / in)	390 / 15 <sup>3/8</sup>	200 / 7 <sup>7/8</sup>
External Depth (mm / in)	570 / 22 <sup>1/2</sup>	553 / 21 <sup>3/4</sup>
External Height (mm / in)	267 / 10 <sup>1/2</sup>	587 / 23 <sup>1/8</sup>
Air flow	75 m <sup>3</sup> /h	> 50 m <sup>3</sup> /h
Voltage / Frequency	230 V / 50 Hz	
Energy consumption	19 W	
Flexible PVC pipe (meter / feet)	1 meter / 3 <sup>1/4</sup> ( Ø 80 mm)	
PVC fitting	Ø 75-80-100 mm	
Features	Sampling port for filter breakthrough test Fan failure alarm to monitor Securifilter alarm for detection of solvent breakthrough	

## Filtration

Types AS	For storage of organic vapors
Types BE	For storage of the organic vapors and acids mainly
Types HP	HEPA H14 for powders storing (Traps particles larger than 0.1 µm with 99.995% efficiency, according to the MPPS method set forth in the EN 1822-1 standard.)

## Structure

Metallic parts	Anti-corrosion steel coated with 100% polyester
Filtration module	Injected polypropylene
Pipe and fitting	PVC

## Versions/ Features

01	02	03	04
Sampling port	Sampling port + Fan failure	Sampling port + Fan failure + Securifilter	Sampling port + Securifilter

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