



# 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.

\* Safety cabinet not provided.



## Specifications

Model	H 502	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>
Metallic parts	Anti-corrosion steel coated with 100% polyester	
Filtration module	Injected polypropylene	
Pipe and fitting	Stainless steel - 1 meter (3-1/4 feet) / □ 80 mm	
Air flow	75 m <sup>3</sup> /h	> 50 m <sup>3</sup> /h
Voltage / Frequency	90-240V / 50-60Hz	
Energy consumption	19 W	
PVC fitting	Ø 75-80-100 mm	
Sampling port	Used to test for filter breakthrough	
Additional alarm options	Audible fan failure alarm Visual filter breakthrough alarm	

## Filter Options

Filter Type	Description
AS	Carbon filter for use with volatile organic compounds
BE	Carbon filter for use with Acids and Organics
HP	In accordance with standard EN 1822, the high-efficiency particulate filters used in our devices are H14 type filters. They guarantee 99.995% filtration of particles over 0.1 microns in size. Each filter comes with a certificate of compliance.

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