



# 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

## H 402



## V 201



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

## Filtration

<b>Types AS</b>	For storage of organic vapors
<b>Types BE</b>	For storage of the organic vapors and acids mainly
<b>Types HP</b>	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

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

## Versions/ Features

<b>01</b>	<b>02</b>	<b>03</b>	<b>04</b>
Sampling port	Sampling port + Fan failure	Sampling port + Fan failure + Securifilter	Sampling port + Securifilter

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