

# Safestore™

## Designed for Storage of Noxious and Odorous Chemicals

Storage cabinets for storage of hazardous chemicals and other substances.

34S • 34T • 64T



— Safestore™ 64T

### INTRODUCTION

Safestore™ Vented Chemical Storage Cabinets are useful for storage of noxious or odorous chemicals. These cabinets minimize health and environmental risks in handling chemical vapors and residues, VOCs and general laboratory functions. The Air Science Multiplex™ filtration system protects the safety of personnel during use, maintenance and decontamination.

### DUCTLESS TECHNOLOGY: *The Eco-friendly Choice*

Advanced carbon filtration technology offers a safe, high performance alternative to ducted cabinets for a broad range of applications. The Air Science carbon filter provides superior efficiency with an optional safety filter to bring the cabinet into full ANSI compliance.

**Environmental Benefits:** Safestore® cabinets isolate and trap biological and chemical vapors to prevent operator exposure, to prevent cross contamination, and to eliminate ecological impact through chemical or particulate release into the environment.

**Easy to Install:** Safestore® cabinets are self contained. Set-up, operation and

filter maintenance are straightforward.

**Energy Efficient:** Because filtered air is returned to the room, no demands are required of the facility HVAC capacity for make-up air.

**Cost Effective:** Facility ductwork, HVAC and construction costs are eliminated.



**Safe to Use:** Cabinet airflow and face velocity protect users from incidental exposures to fumes, odors or bloodborne pathogens.

**Self Testing:** Electronic airflow monitoring assures continuous safety. An optional filter saturation alarm (electronic gas sensor) monitors carbon filter performance. (Selected models)

**Easy to Clean:** Safestore™ cabinets are constructed of polypropylene that does not absorb liquids, is easily cleaned with household detergents, and can be sprayed with a 10% bleach solution to eliminate biological contaminants.

**Construction:** The cabinet features white polypropylene.

**Safestore™ Features and Benefits:**

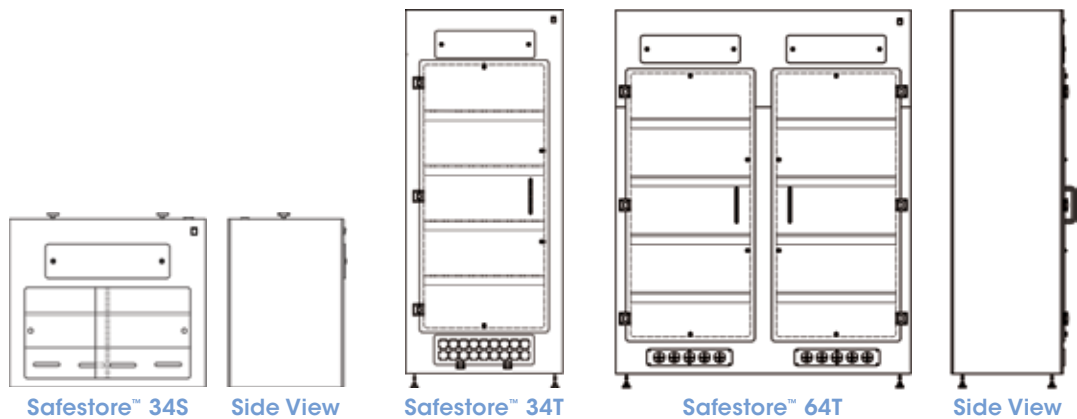
- Activated carbon main filter formulated for General Purpose storage to trap putrid organic odors as well as other fumes (i.e. alcohol, solvents, gasoline, etc.).
- Open wire shelves.
- With HEPA/ULPA filter, eliminates exposure to toxic particulates.
- Upflow airflow geometry operates at 120-180 fpm face velocity to exchange air through activated carbon main filter.
- Available with windowless doors.



**PRODUCT FEATURES:**

- A. Control Panel:** Electronic controls and displays include switches for the blower and lights and low airflow alarm all located on a convenient front surface panel.
- B. Manual Speed Controller:** (optional) The operator may set the centrifugal fan motor speed as desired.
- C. Airflow Alarm:** A continuous air velocity monitoring system alerts the operator upon unacceptable values.
- D. Dynamic Filtration Chamber:** The dynamic filter chamber prevents any possible leakage of contaminated air by pressurizing the fan plenum (positive air) and depressuring the filter compartment (negative air).
- E. Color:** The cabinet is white with blue doors.

Safestore™ 64T



MODEL	DIMENSIONS		WEIGHT (lbs/Kg)	
	External (W x D x H)	Shipping (W x D x H)	Net	Ship
<b>Safestore™</b>				
34S	34" x 20" x 29" 864 x 508 x 737 mm	40" x 40" x 40" 1016 x 1016 x 1016 mm	115 / 55	170 / 80
34T	34" x 24" x 79" 864 x 610 x 2007 mm	40" x 40" x 87" 1016 x 1016 x 2210 mm	229 / 104	273 / 124
64T	64" x 24" x 79" 1626 x 610 x 2007 mm	80" x 40" x 87" 2032 x 1016 x 2210 mm	586 / 266	609 / 276

**PRODUCT SPECIFICATIONS**

Safestore™ Model	34T	64T	34S
Airflow	<... Upflow. ...>		
Construction	<... Polypropylene. ...>		
Door	<... Key Locked, UV absorbing transparent window with Safety Interlock. ...>		
Electrical	<... 120v 60hz, or 220v 50hz available, specify when ordering. ...>		
Cabinet Lighting (Optional)	<... Compact fluorescent bulb removed from air stream. ...>		
UV Lamp (Optional)	<... 1 x 254nm 15W. ...>		

