

# SafeMail™ 150

## Source Capture Hood



### General Product Description

Concern over bio-terrorism is at an all-time high after the anthrax mail attacks in autumn of 2001. Workers have concerns regarding the safety of their mail. SafeMail™ containment hoods, the first containment hoods designed specifically for processing mail, are now available!



*SafeMail™ 150 series containment hood*

AeroMed™ specializes in designing and supplying air purification systems for infectious disease control in health care facilities. AeroMed™ is now bringing the same risk reduction strategies to mail safety.

While no one should open mail that is considered suspicious, it is conceivable that "non-suspicious" mail may also be contaminated.

The SafeMail™ source capture hood is an enclosure in which you may open mail. Air is pulled into the hood through the opening in the front of the unit. The air is then drawn through a HEPA filter in order to remove airborne contaminants. This helps to reduce the risk of the spread of pathogens that may be contained in the mail.

When the unit is not being used to open mail, it may also serve as a supplemental air purifier helping to reduce airborne particles.

An optional illumination source in the hood base allows the user to see through many envelopes to help determine if there are foreign substances present.

In the case that a piece of contaminated mail is found, you simply close the perforated door on the front of the unit. The mail is then kept in a contained, controlled environment until the proper authorities arrive.

### Applications

The SafeMail™ system may be used by anyone who is concerned with the safety of employees who open mail. Potential users include:

- Postal facilities
- Government institutions
- Television stations
- Radio Stations
- Newspapers
- Military
- High Profile Corporations
- Insurance companies
- Credit card companies
- Professional sport teams

### Features

The SafeMail™ 150 model is designed to facilitate the processing of light to moderate volumes of mail. Its ergonomic design allows users to comfortably work at the hood from a sitting position. Ambient room light enters the hood through the clear lexan view panel, illuminating the hood interior. A perforated door on the air intake of the hood may be closed if contaminated mail is found. When not in use, the door slides under the hood base.

## HEPA Filter Specifications

Each SafeMail™ HEPA filter shall have a minimum efficiency of 99.97% on 0.3 micron size particles when tested on a Q-107 Penetrometer. This testing is done in compliance with Institute of Environmental Science standard IES-RP-CC001.3. Each filter is individually tested and labeled to show compliance with this standard.

The HEPA filter is sealed in place by a easy service, compression locking system.

## Pre-filter System

The pre-filter is an internal frame ring panel filter that is accessible from inside the hood. Held in place by a metal holding frame that can be removed from the hood in seconds, this filter provides excellent protection of the HEPA filter, preventing it from clogging and prolonging it's useful life.



*SafeMail™ 150 with door closed*

## Construction

The hood is constructed of a heavy gauge, powder coat painted steel and has an inclined, clear Lexan viewing panel on the top of the unit.

The removable fan module on the back of the unit includes a HEPA filter and blower, and is

made of heavy duty, powder coated, galvanized steel.



*SafeMail™ 150 fan module*

The workspace surface in the base of the hood is constructed of stainless steel. This allows for easy decontamination of the work surface while providing a contrasting color, to aid workers in making a visual identification of powders that may be contained in the mail.

## SafeMail™ Specifications

Size	30"W x 26"D x 18"H
Electrical	120 volt 0.9 amps 100 watts
Air Volume	140 CFM
Air Velocity	100 FPM (w/door open)
Air Filters:	
	HEPA 99.97% @ 0.3 microns
	Pre 70% @ 1.0 microns
Weight:	70 lbs
Sound level	<55 dBA

For more information on SafeMail™, please visit us on the WEB, [www.safemailsystems.com](http://www.safemailsystems.com).

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