

SafeMail™ 300

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™ 300 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™ SM300 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 dual intensity illumination source in the hood base (controlled by foot pedal) 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.

Features

The SafeMail™ 300 model is designed to facilitate the processing of large volumes of mail. It is large enough to house an automated envelope opener as well as having a door that allows the user to place a full size mail bin into the hood. Its ergonomic design allows users to work at the hood from either a standing or sitting position. Fluorescent lights illuminate the hood interior. The hood comes with its own portable base making it easy to relocate or service.

Workspace accessibility

There are three hinged doors on the front of the unit and one on the side.

- The clear Lexan door that spans the unit is for accessing the unit while working in a standing position.
- The red, metal access door on the right side of the unit is for access when sitting at the unit. This door slides under the work surface when opened.

- The externally hinged, red door on the left of the unit is for placing a mail bin or package into the hood.
- The side access door is for introducing bins, packages or other large items into the hood.

In order to maintain the proper flow of air into the hood, only one of these doors should be open at a time. The red metal doors are held closed by a magnet closure. The perforated hole pattern in the red doors allow air to flow into the hood when all of the doors are closed.



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

AeroMed, Inc.
 PO Box 383 * Amsterdam, NY 12010
 Phone: 1-518-843-3500 Fax: 518-843-9159
www.safemailsystems.com

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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.

Construction

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

The removable fan module on the top of the unit includes a HEPA filter and blower, and is made of heavy duty, powder coated, galvanized steel.

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 aiding workers in making a visual identification of powders that may be contained in the mail.

SafeMail™ Specifications

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|--------------|-----------------------------------|
| Size | 60"W x 30"D x 60"H |
| Electrical | 120 volt 1.9 amps 200 watts |
| Air Volume | 400 CFM |
| Air Velocity | 110 FPM |
| Air Filters: | |
| | HEPA 99.97% @ 0.3 microns |
| | Pre 70% @ 1.0 microns |
| Weight: | 150 lbs |
| Sound level | <55 dBA |

For more information on SafeMail™, please visit us on the WEB, www.safemailsystems.com .

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