

Mail Handling Made Cleaner & Safer

American Air Filter
Introduces
The *MailShelter*™



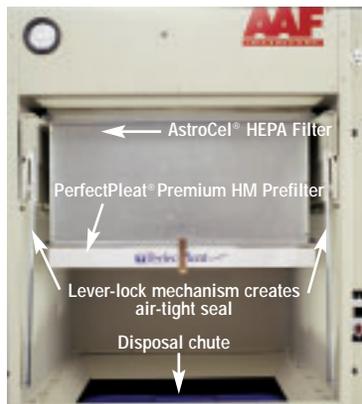
With products flooding the market in response to the recent threats of airborne contaminants transmitted through the mail, it can be difficult to determine what solutions offer real protection. The answer is simple, and it comes from the company with more than 80 years of experience, knowledge, and expertise in air purification...American Air Filter.

It's the *MailShelter*, specifically designed to minimize the risk of inhalation or cutaneous Anthrax or other airborne infectious diseases in mail handling and sorting applications.

Unique Design Features

Sized to accommodate and completely encapsulate standard mail delivery containers, the *MailShelter* incorporates a "glove box" design which allows the mail sorter to be securely isolated from the mail while sorting and handling. The cabinet is lighted and configured to allow mail to be transferred easily through doors located on both sides. Once the mail has been safely opened and

inspected, it can be quickly removed for delivery. Junk mail, envelopes, wrapping and packaging products are all disposed of in a removable, bag-lined recycling bin located inside the *MailShelter*.



MailShelter™ Filter bank and disposal chute.

The *MailShelter* utilizes the height of technology in HEPA filtration systems to minimize the danger of airborne contamination. While the unit is in operation, the strategically located air inlet slots sweep the interior of the glove box, ensuring negative pressure inside the cabinet, which prevents air or dust from escaping. All air passes through the filter bank. The HEPA filter is rated and factory tested to capture at least 99.97% of all

particles 0.3 microns in size and larger. This filter will capture 99.999% of all particles down to 1 micron in size, which is acknowledged to be the lower size range of Anthrax spores.

What are the advantages of the *MailShelter* over a Downdraft System?

Changes in air pressure within a room caused by doors opening or variable HVAC operation can cause serious problems with downdraft systems. Air sweeping by the user at a downdraft or re-entry table can create air currents that result in low pressure areas that will actually sweep the dust particles back into the breathing zone of the user. With the American Air Filter *MailShelter*, airflow patterns inside the cabinets are unaffected by changes in pressure within the room, because the *MailShelter* develops sufficient velocity pressure through the slot intakes to prevent "backflow" into the user's breathing zone as it operates. As air enters the system, it can exit only through the filtration system, while the unit is running.



Suggested Uses:

The American Air Filter *MailShelter* is a real solution for postal facilities, corporate mailrooms, or any other location where a moderate volume of mail is sorted and handled.

Installation Is Easy

The *MailShelter* is free standing and measures 6'10-1/2" high, 47" wide and 58" deep with the "glove box" attached. The *MailShelter* will fit easily through most standard entry doors when the glovebox is detached. The *MailShelter* uses a minimum of floor space and can be easily repositioned since it has rollers. No special installation or complicated assembly is required. Just follow the simple set-up instructions. The *MailShelter* is ready for immediate operation and plugs into any standard 15-amp, 120-volt wall outlet. Just install the filters, position the spacious "glovebox" onto the front of the unit (2 vertical positions available), turn the fan on and it's ready to begin working for you.

The MailShelter is available in other sizes and configurations to suit different requirements.



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