



The Ultimate Protection Against Airborne Threats

Introducing the
American Air Filter
AirShelter™ BIBO
(Bag-In/Bag-Out)



Now, more than ever, there is heightened awareness of danger from airborne contaminants - biological, chemical, and nuclear. But there is also an effective and reasonable defense available to you from American Air Filter, the largest dedicated air filtration company in the world. Specifically designed to provide protection for large volume areas where heavy-duty filtration is needed, the American Air Filter *AirShelter BIBO* allows you to take control of the purity of the air people breathe and to provide a safe location where they can gather until airborne threats subside.

HOW IT WORKS:

The *AirShelter BIBO* creates an enclosed space under positive pressure, with all air supplied through HEPA-level filtration systems. Positive pressure means that no contaminated air can enter the protected space because the air pressure within the space is greater than the air pressure outside the room.

The only air entering the enclosed space is filtered through HEPA filters. Multiple HEPA filters in series may be recommended depending on the contaminant to be guarded against. A single HEPA filter is greater than 99.97% effective against 0.3 micron particles and effectively removes airborne

Anthrax spores and radioactive particles.

What's more, the *AirShelter BIBO*



Containment Bag

A bag kit is shipped for use with each door. Each PVC containment bag is 108" long and furnished with three internal "gloves" to facilitate safe removal of up to three filters. A full set of cinching straps and safety straps is also furnished.



Filter Removal Rods

Removal rods are standard on all housings greater than one filter wide. These facilitate access to inboard filters which would otherwise be difficult to manipulate through the bag.



Door details

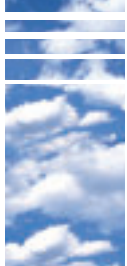
showing gasket, also pictured are optional lifting lugs, pressure taps and weather cover.



filters to protect against radioactive isotopes. The *AirShelter BIBO* provides individuals in potentially compromised environments a place to gather and isolate themselves from airborne contaminants by providing extremely clean air for the inhabitants. It is adaptable to a variety of applications and, when properly installed and equipped, is virtually 100% effective in removing particles in the size range of anthrax spores, chemical warfare agents, or the airborne dangers associated with radiological weapons.

can also accommodate filters for protection against gaseous and chemical threats, or be equipped with specially treated carbon

AmericanAirFilter®



AirShelter™ BIBO (Bag-In/Bag-Out)

SUGGESTED USES:

The **AirShelter BIBO** is the perfect solution for any area where the mission is critical - government buildings, police stations, 911 switchboard areas, military command and control facilities, even for commercial applications such as computer control rooms, investment offices, banking centers, and key financial institutions. The **AirShelter BIBO** is also the ideal system to protect corporate executive suites or board rooms, large community spaces such as theaters, restaurants, school facilities and shopping areas, and to provide residential protection for high profile public figures and celebrities.

Featuring pressure-sealed, stainless steel filter enclosures and containment bags with internal gloves, the **AirShelter BIBO** keeps any contaminants completely and safely contained inside the filters during filter removal and disposal. All controls and monitors can be located securely inside your facility. The **AirShelter BIBO** comes in a standard configuration to protect the typical workspace or gathering area, and it can be customized to suit any air volume required, up to and including entire buildings...whatever your requirements.

The **AirShelter BIBO** is also suitable for creating negative pressure spaces to isolate contagious organisms such as TB and Smallpox, and to safely ventilate large areas such as mailrooms and other mail handling and sorting facilities.

INSTALLATION IS EASY:

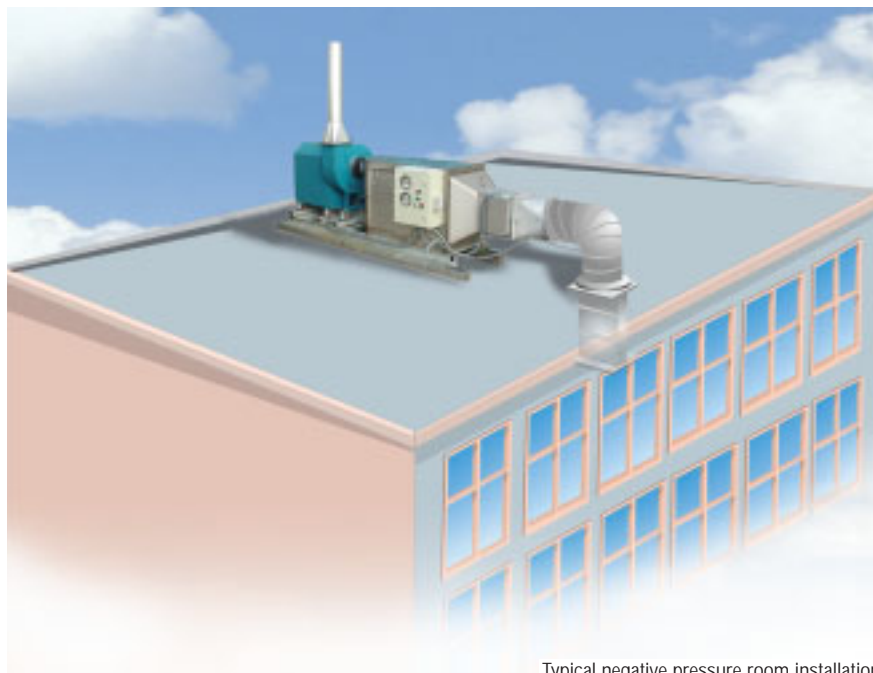
The **AirShelter BIBO** can be easily installed by most commercial HVAC contractors. Skid-mounted, it is suitable for rooftop or indoor installation.



Three filter high BIBO installation.

THE POSITIVE PRESSURE VENTILATION AND PARTICULATE AND GASEOUS FILTRATION EMPLOYED BY THE AMERICAN AIR FILTER **AirShelter BIBO** COMES RECOMMENDED FOR PERSONNEL ISOLATION BY:

- US Center For Disease Control
- US Congressional Office of Technology Assessment
- US Federal Register
- OSHA
- US Defense Threat Reduction Agency
- US Army
- US Nuclear Regulatory Commission



Typical negative pressure room installation.



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For Additional Information On AAF Products,
Call The Answer Center
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