

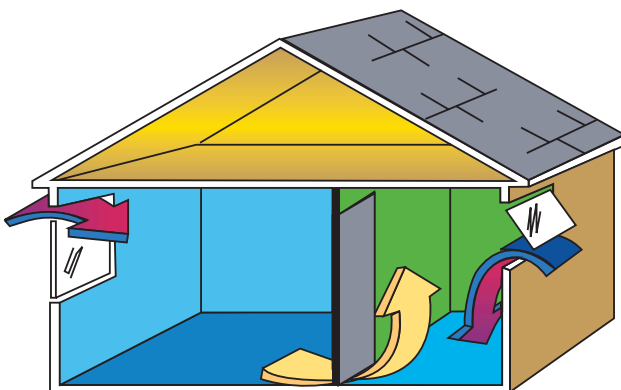
# You Do Have A Line Of Defense Against Airborne Threats

## Introducing the American Air Filter *AirShelter™ HFS* (HEPA Filtration Systems)

Now, more than ever, there is a heightened awareness of danger from airborne biological contaminants. But there's also an effective and reasonable defense available to you from American Air Filter, the largest dedicated air filtration company in the world. The American Air Filter *AirShelter HFS* allows you to take control of the purity of the air you breathe and provide a location where people can remain safe until an airborne threat subsides.

### HOW IT WORKS:

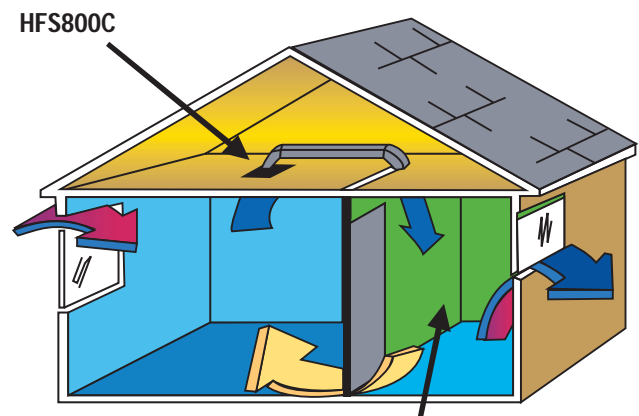
The *AirShelter HFS* is an enclosed space under positive pressure, supplied by HEPA Filtration Systems. Positive pressure means that no contaminated air can enter the protected space, because the air pressure in the space is greater than the air pressure outside the room. And, the only air entering



*Ambient Pressure, Standard Ventilation*

the enclosed space is filtered through hospital-grade HEPA Filtration Systems which are greater than 99.99% effective against 0.3 micron particles.

The *AirShelter HFS* provides individuals in potentially compromised environments a place to gather and isolate themselves from a biological airborne contaminant, providing extremely clean air for the inhabitants. It's adaptable to a variety of applications and, when properly installed, is virtually 100% effective in removing particles in the size range of anthrax spores (1 - 2 microns).



*AirShelter HFS Under Positive Pressure with Ceiling-Mounted HFS800C*

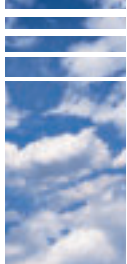


*HFS800C Ceiling Unit*



*Close up of the HFS800C Control Panel*

**AmericanAirFilter™**



## AirShelter™ HFS (HEPA Filtration Systems)

they have a solid storefront. Theaters can also be turned into **AirShelters** and multi-screen complexes can designate particular theaters within the complex as **AirShelters**.

### SUGGESTED USES:

**Schools** – Designated **AirShelters** can be created throughout the facility, each with an appropriate number of HEPA Filtration Systems. One large room, such as a cafeteria, can also become an **AirShelter** when installing multiple HEPA Filtration Systems.

**Office or Other Commercial Building** – Designated conference rooms can become **AirShelters** with the installation of HEPA Filtration Systems. One **AirShelter** can be created per floor or one large **AirShelter** for several floors.

**Public Buildings** (shopping malls, theaters, etc.) – Designated **AirShelters** can be created throughout a mall, each with enough HEPA Filtration Systems to serve a given number of people. These **AirShelters** can be created in existing stores, as long as

### INSTALLATION IS EASY:

The **AirShelter HFS** can be easily installed in one day by most HVAC contractors. The HEPA Filtration Systems are designed to insert into standard suspended ceilings. And, free-standing units are available where ceiling mounting is not possible.



*The HFSRPM-1 differential pressure monitor and HFSAN-1 remote annunciator provide continuous monitoring and alarming of differential pressure conditions. These products can be used in both negative and positive pressure rooms.*



HFS800F  
Freestanding/Portable  
Unit



#### These Organizations Recommend Positive Pressure Rooms For Control Of Airborne Contaminants:

- 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



10300 ORMSBY PARK PL STE 600  
LOUISVILLE KY 40223-6169  
P O BOX 35690  
LOUISVILLE KY 40232-5690  
www.aafintl.com

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