



Better Air is Our Business®

AmericanAirFilter® **HEPA Filtration Systems**

***For Creation of Isolation Rooms to Reduce
the Risk of Airborne Infection***

AAF International is a leading supplier of negative pressure HEPA filtration equipment, with more than 25,000 air filtration systems in use today.

Our HEPA Filtration Systems are designed to create airborne infection isolation rooms in the healthcare setting. These systems can be used to meet certain engineering provisions from the 2003 CDC Guidelines for Healthcare Infection Control.

AAF HEPA Filtration Systems can be used for negative pressure environments or recirculation/dilution. All models are classified as Class II medical devices.

Our user-friendly systems are designed to provide the highest level of protection at an economical price. Each system features quiet, energy-saving motorized impellers, specially designed 99.99% gel seal HEPA filter, prefilter, aircraft-type cabinet construction, locking control and filter compartment, and attractive design. Each model is UL listed and CSA certified for product safety. Prefilters for the removal of smoke and odors are also available.



HFS800F Free Standing HEPA Filtration System

HFS800F Free Standing/Portable HEPA Filtration System

The HFS800F is the most versatile AAF model, with numerous infection control applications for the healthcare facility. It can be used as a portable system for movement from room to room on its stable, easy-to-move caster cart. If necessary, it can be removed from its cart for operation as a fixed device.

The HFS800F can be utilized in any of three operating modes: negative pressure only, recirculation only, or simultaneous exhaust of 50% of the filtered air and recirculation of the other 50%.

Dual (top and back) exhaust outlets further add to the versatility of the HFS800F.

The HFS800F is designed specifically to enable a healthcare facility to quickly and inexpensively convert a standard patient room to a negative pressure isolation room. It can also be rolled into an ER, OR, ICU, or radiology suite when an airborne infection isolation room is required. It can be used as a recirculating device in outpatient clinics, waiting areas, and other common use areas where the status of patients and visitors is unknown.

This powerful system delivers up to 700 CFM operating airflow at the "HIGH" speed setting. As a result, the HFS800F can typically provide above 12 air changes per hour in rooms up to 2,500 cubic feet. Variable speed controls enable the HFS800F to be run at lower speeds where less airflow is required.

The HFS800F control and filter compartments are conveniently located and easily accessed by authorized personnel. Both compartments are equipped with special hex key locks to protect against unauthorized access and tampering.



The filter compartment is easily accessed from the HFS800F HEPA Filtration System.

HEPA Filtration Systems

HFS800C Ceiling Mounted HEPA Filtration System

Mounted into a standard 2' x 4' drop ceiling panel, HFS800C is completely out of the way of patients and staff. This model is ideally suited for situations where floor or wall space is limited and the highest level of tamper-resistance is needed.

The HFS800C has numerous infection control applications throughout a healthcare facility, including: treatment rooms, ER, ICU, outpatient clinics, OR, autopsy rooms, radiology suites, waiting rooms, and other areas where airborne infection isolation is required.

With an air filtration rate of up to 700 CFM at the "HIGH" speed setting, more than 12 air changes per hour are typically achievable in rooms as large as 2,500 cubic feet. Variable speed controls enable the user to set the airflows as desired.

Electrical controls for the HFS800C are contained in a separate, wall-mounted control panel that is designed to be hard wired to the unit. This lockable panel can be located within, or adjacent to, the room in which the HFS800C is used, or in a remote area such as a nurse's station or central monitoring area.

HFS800C filters are room-accessible for fast, easy filter changes. The filter compartment is also equipped with a hex key lock to protect against tampering or unauthorized access.

Two above-the-ceiling exhaust outlets are provided, one on a horizontal surface and the other on a vertical surface. Either or both outlets can be used for recirculation or exhaust, or 50% of the filtered air can be recirculated through one outlet and the other 50% can be simultaneously "bled off" for exhaust to the outdoors.

Four mounting tabs are more than sufficient to safely suspend the HFS800C; however, six tabs are provided to meet the more stringent requirements of local building codes.



HFS800C Ceiling Mounted HEPA Filtration System (above) and Wall Mounted Control Panel (below).

