

Whole House HEPA Filtration System

Whole House HEPA Filtration System Features



Unit Size	DM3000P	— 20" (508 mm) x 16" (406 mm) x 10,5" (267 mm) , (2) 5" x 10" ports
	CM3000	— 20" (508 mm) x 16" (406 mm) x 10,5" (267 mm), (2) 8" diameter ports
	CM3000I	— 20" (508 mm) x 16" (406 mm) x 10,5" (267 mm), (2) 8" diameter ports

Motor	Power German manufactured EBM external rotor motorized impeller with permanently lubricated ball bearings for long life and vibration free operation. Delivers 240 CFM air flow.
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Electrical	Prewired with 5' cord and 3-prong plug. 115 volts; 1.0 amps
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Filters	Easy to replace. No tools needed	
	Pre-Filter	— captures larger particles. Replace every three months
	Carbon Filter	— absorbs odors and gases. Replace every three months
	HEPA Filter	— 99.7% effective down to 0.3 microns. Specially designed to be the least expensive HEPA filter to replace. Lasts 2 to 5 years depending on proper maintenance of the pre-filters*
* Homes with a high level of pollutants (such) as a heavy smoker) will need to change the filter more often		

Installation	Easy to install on existing ductwork of forced air furnace or air handler. Mounts horizontally or vertically. Can also be used as an independent system mounted in the attic, crawl space or closet.
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Cleans the total volume of air in an average house once an hour.

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Indoor Air Quality

Keep your family safe at home

A captive audience

As we strive to build tighter, more energy-efficient houses, we’ve created a problem that is effecting the health of thousands of men, women and children daily...

Poor Indoor Air Quality

Tighter houses prevent outside air from getting in, but they also prevent indoor air pollutants and allergens from carpet, pets, mold, plants, cooking and tobacco smoke from getting out. Your family could be breather air that is five times more polluted than the air outside.



Cleans the total volume of air in an average house once each hour

Fantech's Whole House HEPA installs on your home's forced air furnace/air handler or can be used as an independent system mounted in the attic, crawl space or closet. The unit is small compact and very affordable. A powerful 240 CFM fan direct air through a series of three filters the delivers clean, safe, healthy air back into your entire home.

Three steps to better indoor air quality

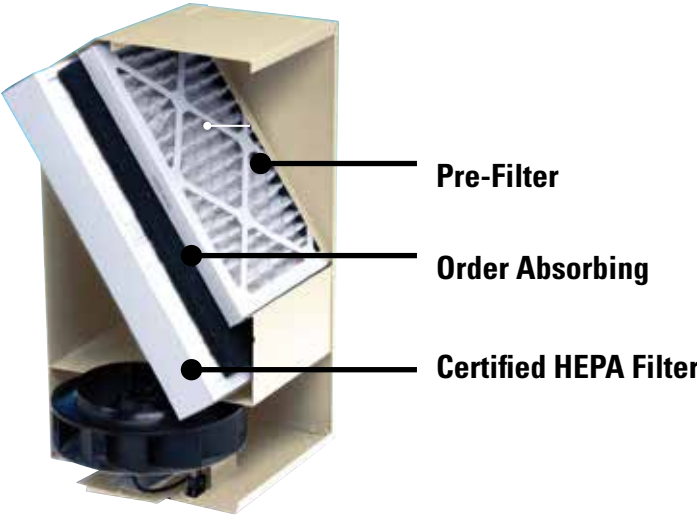
The American Lung Association states that **there are three ways to improve the air in your home – source control, ventilation and filtration. Only you can control the sources of pollutants in your home, but Fantech can help provide ventilation and filtration solutions so your family can breathe easier.**

An effective way to clear the air

This Whole House HEPA Filtration System is an ideal first step in providing a safe indoor environment for your family. The unit features a certified HEPA filter designed to be 99.97% effective at removing particles down to 0.3 microns and larger.

Did you know?

- HEPA filters are the #1 choice of physicians and are often used in hospital operating rooms where clean air environments are required.
- 94% of all respiratory ailments are caused by polluted air.
- 85% of homeowners don't realize the air in their home may be a health hazard.
- Airborne particles larger that 10 microns get caught in the nose and throat.
- Particles smaller than 10 microns are easily inhaled into the lungs.
- Infants, the elderly and those with chronic respiratory diseases spend 90% of their time indoors.
- Levels of many common pollutants have been shown to be 2 to 5 times higher indoors than outdoors
- The Environmental Protection Agency (EPA) had ranked indoor air pollution as high priority public health risk.
- Asthma, particularly in children, had increased to an estimated 14.6 million.
- The World Health Organization had concluded that preventing exposure to environmental allergens may help prevent asthma.



Your first step to better indoor air quality

An independent laboratory has tested and certified that the Fantech Whole House HEPA uses “TRUE” HEPA filter media – 99.97% effective down to 0.3 microns. That means the filter will capture up to 99.97% of particles larger than 0.3 microns – that’s much smaller than a human hair (100 microns). But the unit doesn’t stop at 0.3 microns. It continues to collect even smaller particles that could become embedded in your lungs. A system of three filters captures the pollutants and allergens from your home. The pre-filter collects the largest particles while the carbon filter absorbs odors and gases. The HEPA filter captures the tiniest particles. Isn’t it time to consider cleaning the air in your home with a Fantech Whole House HEPA Filtration System?

Components

- Pre-filter**
Captures larger particles.
- Oder Absorbing**
Carbon Filter captures and neutralizes odors from cooking and tobacco smoke.
- Certified HEPA Filter**
High Efficiency Particle Filter tested and certified to be 99.97% effective down to 0.3 microns. Filter had a long life cycle. Replace once every two years.
- Warranty**
Fantech Whole House HEPA units carry a 7 year limited warranty on the motor, 5 year limited warranty on other components . Warranty does not cover filters.

Filtration

Whole House HEPA

Three models to choose from

- DM3000P**
Duct mount model features integrated airflow sensor switch which energizes the unit any time furnace/air handler operates. Designed with a backplate that allows direct connection of the unit to air handler or furnace.
- CM3000**
Collar mount model comes with four collard, two pieces of UL Listed 8” flex duct and hanging chains.
- CM3000I**
Insulated unit (not shown) is used in unconditioned spaces such as attics and garages. Insulated outer shell prevents condensation problems. Kit includes hanging chains.



Installation

Units easily install horizontally or vertically on the return air side duct of your furnace or air handler. Air is directed through the bypass HEPA which allows the heating/cooling system to easily deliver clean, fresh healthy air throughout the entire home. They can also be used as independent systems mounted in the attic, crawl space or closet.

