

# Is the air in your house making you sick?

## Breathe easier with...



## Fantech's Whole House HEPA Filtration System

**99.97%**  
**Effective**

At removing particles down  
to 0.3 microns and larger



# Fantech

Improving Indoor Air Quality  
Through Better Ventilation

# 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 affecting the health of thousands of men, women and children daily...

## Poor Indoor Air Quality.



pet dander, cooking odors & smoke particles

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 breathing air that is five times more polluted than the air outside.

## 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.

## 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 directs air through a series of three filters then delivers clean, safe, healthy air back into your entire home.



dust mites

## Why Choose A Whole House HEPA Over A Portable Filtration Unit?

Portable HEPA units are designed to clean only the air in a single room or small area of the home. The Fantech Whole House HEPA will clean the total volume of air in an average house once each hour. Ideal for homes up to 3600 sq. ft.

Don't let invisible indoor air pollutants affect your home and the health of your family.



dust, mold spores & viruses

“The quality of indoor air is something all Americans should be concerned about.”

– Dr. Linda Ford, President  
American Lung Association

99.97%  
Effective

At removing particles down to 0.3 microns and larger



**Pre-filter**  
Captures larger particles.

**Odor Absorbing Carbon Filter**  
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 has a long life cycle. Replace once every two years.

## 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?

## Did You Know?

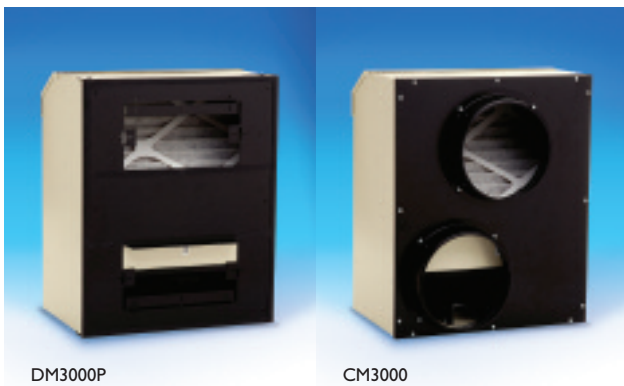
- HEPA filters are the #1 choice of physicians and are often used in hospital operating rooms where clean air environments are required.
- 94% of all respiratory ailments are caused by polluted air.
- 85% of homeowners don't realize the air in their home may be a health hazard.
- Airborne particles larger than 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) has ranked indoor air pollution as a high priority public health risk.
- Asthma, particularly in children, has increased to an estimated 14.6 million.
- The World Health Organization has concluded that preventing exposure to environmental allergens may help prevent asthma.



**Fantech**

www.fantech.net

# Fantech's Whole House HEPA Filtration System



DM3000P

CM3000

## 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 collars, 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.



## Features

<b>Unit Size</b>	DM3000P – 20" x 16" x 10.5"; (2) 5" x 10" ports CM3000 – 20" x 16" x 10.5"; (2) 8" diameter ports CM3000I – 20.6" x 17" x 11.2"; (2) 8" diameter ports
<b>Motor</b>	Powerful German manufactured EBM external rotor motorized impeller with permanently lubricated ball bearings for long life and vibration free operation. Delivers 240 cfm air flow.
<b>Electrical</b>	Prewired with 5' cord and 3-prong plug. 115 volts; 1.0 amps
<b>Filters</b>	Easy to replace. No tools needed. <b>Pre-Filter</b> captures larger particles. Replace every three months <b>Carbon Filter</b> absorbs odors and gases. Replace every three months <b>HEPA filter</b> - 99.97% 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.* <small>*Homes with a high level of pollutants (such as a heavy smoker) will need to change the filter more often.</small>
<b>Installation</b>	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.

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

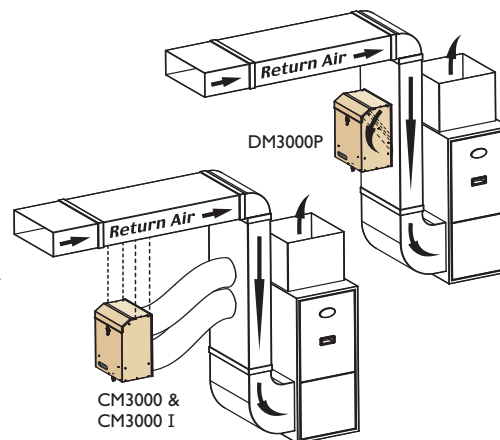


**Unit features three filters positioned for added efficiency.** Prefilter and carbon filter should be changed every three months. HEPA filter is designed to last from two to five years depending on the the level of pollutants in your home.

**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.

## 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.



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