Whole House HEPA Filtration System

Features

Unit Size
- DM4000P – 20” (508 mm) x 16” (406 mm) x 10.5” (267 mm), (2) 5” x 10” ports
- DM4000I – 20” (508 mm) x 16” (406 mm) x 10.5” (267 mm), (2) 8” diameter ports
- CM4000 – 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.

Electrical
Prewired with 5’ cord and 3-prong plug. 115 volts; 1.0 amps

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

Customer Support:
Canada
- 800.565.3548
- CANADA@fantech.net

Send Orders:
Canada
- 877.747.8116
- CANADAorders@fantech.net

Distributed Locally by:
Canada - Bouctouche, NB

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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 homes, we’reIncreasing problems that are reflecting the health of thousands of lives, women, and children daily.
Poor Indoor Air Quality
Tight houses present outside air not getting in, but they also prevent indoor air pollutants and allergens from carpet, pet, mold, dust, cooking and tobacco smoke from getting out. Your family could breathe air that is five times more polluted than the air outside.

Did you know?
• 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.
• Antiporn particles larger than 15 microns get caught in the nose and throat.
• Particles smaller than 15 microns are easily inhaled into the lungs.
• Infants, the elderly and those with chronic respiratory diseases spend 90% of their time indoors.

Poor Indoor Air Quality
The American Lung Association estimates that about 500,000 people die each year from lung diseases, 94% of all respiratory ailments are caused by polluted air. But levels of many common pollutants have been shown to be 2 to 5 times higher indoors than outdoors.

Levels of some common pollutants have been shown to be 2 to 5 times higher indoors than outdoors.
• Asthma, particularly in children, had increased to an estimated 14.6 million.
• Infants, the elderly and those with chronic respiratory diseases spend 90% of their time indoors.

Did you know?
• Fantech Whole House HEPA systems are an independent laboratory tested and certified. Two certified HEPA filters – 99.97% effective down to 0.3 microns. The fans move the filter constantly, and every time the air in your home gets moved, the filter captures the tiniest particles.

Air Filtration at the base
Three steps to better indoor air quality
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.

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. The unit features a certified HEPA filter designed to be 99.97% effective down to 0.3 microns. Filter has a long life cycle. Replace once every two years.

Don’t let invisible indoor air pollutants affect your home and the health of your family.
Particles smaller than 10 microns are easily inhaled into the lungs. The World Health Organization has concluded that preventing exposure to environmental allergens may help prevent asthma.

Did you know?
• Fantech whole house HEPA models feature a dedicated airflow sensor that automatically energizes the unit any time furnace/air handler operates. Designed with a desiccant that allows direct connection of the unit to the air handler or furnace.

Installation
Fantech Whole House HEPA units are easy to install. Simply install horizontally or vertically on the return air side of your furnace or air handler. Air is directed through the bypass HEPA filtration system to your return air stream. Kit includes hanging chains.

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Certified HEPA Filter
Certified HEPA filters are the #1 choice of physicians and are often used in hospital operating rooms where clean air environments are required. The Environmental Protection Agency (EPA) had ranked indoor air pollution as the higher public health risk.

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