



HEPA



AIR PURIFICATION AND AROMATHERAPY SYSTEM

Dusty Air!

It is widely acknowledged that the air in today's homes is filled with dust, pollen, mould and thousands of other pollutants. Regardless of their state (particulate, gas or microorganism), all these substances can provoke allergies, asthma and a variety of respiratory problems, as well as disease. In fact, the air in most homes has a higher concentration of harmful particles than the air outdoors. Since we spend nearly 90% of our lives indoors, an indoor pollutant particle is 1000 times more likely to reach our lungs than a pollutant released outdoors. It has been proven that poor indoor air quality is a major contributor to the increasing number of asthma and allergy attacks every year. Research now confirms that smog is a cause of asthma. It is not surprising then, that nearly one out of ten children suffers from asthma (and allergies) and that three out of ten adults suffer from various respiratory conditions.

It is common to breathe in millions of microscopic particles. Microns are the unit of choice to describe particle size.

One micron is one thousandth of a millimeter. Particles less than 2.5 microns are potentially more dangerous because they are able to penetrate the body's natural defenses and pass through into the lungs. The smaller the particle, the more harmful it becomes for you and especially your children.

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POLLEN

Pollen comes from trees in the spring, and flowers, ragweed and other plants in the summer. It is carried by the wind and enters our homes via cracks, open doors and windows.



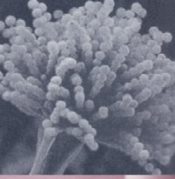
DUST MITES

Mites and their feces reside in the dust present indoors, especially in carpeting, cushions, bed coverings and stuffed toys. They are the primary cause for a large number of allergic reactions (rhinitis, conjunctivitis, eczema, asthma...).



MOULD

The heat and humidity in a home foster the proliferation of mould. Thousands of airborne spores are therefore found in homes.



CIGARETTE SMOKE

Each cigarette produces millions of microscopic dust particles, noxious gases and odors that travel into every room in your home.



CHEMICAL SUBSTANCES

Numerous chemical substances are present in today's homes such as resins, glues, varnishes, solvents, paints, household cleaning products, formaldehyde, and other volatile organic compounds known as VOCs.



SMOG

Visible during hot summer days, smog is a brownish-yellow vapor containing ozone and particulates. Ozone is a highly oxidizing compound that can provoke asthma attacks and heart attacks.



90% of allergies are triggered by allergens coming from outdoor plants.



Asthma and Allergies

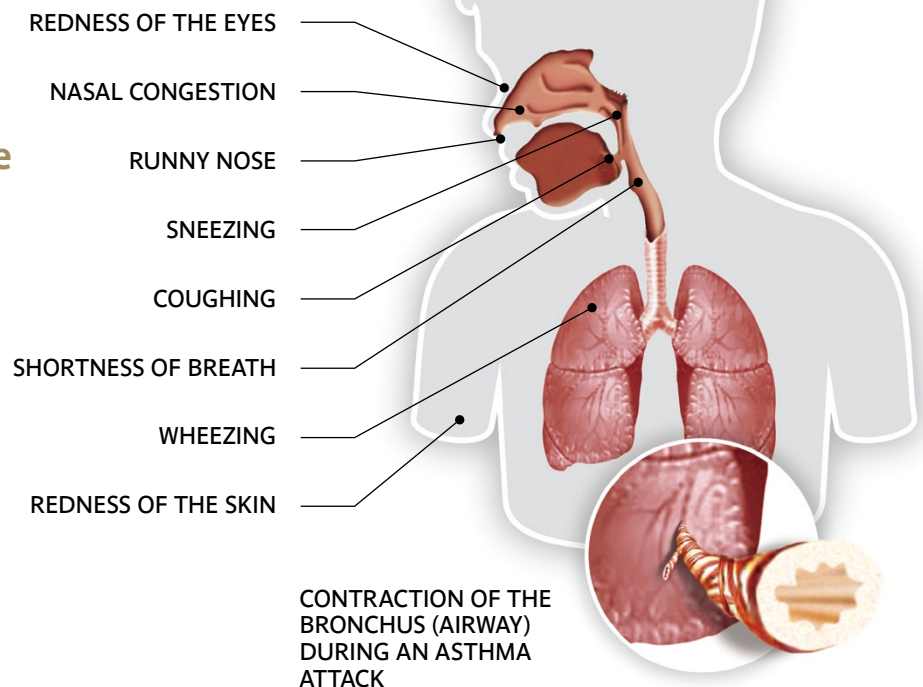
One in four people is allergic to at least one of many contaminants commonly found in our homes. Even though you may not suffer from any allergies, you may develop other health problems as a result of the long-term effects of living in a polluted environment.

Purifying the air you breathe at home is vital since a major part of your life is spent indoors. Air pollution can trigger asthma, cause congestion in the nose and throat and irritate the eyes. Recent studies have revealed the added threat of increased risk of cardiovascular disease and numerous other health problems that can develop as a result of continuous exposure to contaminants and allergens.

Some of the symptoms are

In order to control asthma and allergies, physicians recommend decreasing your exposure to all allergens.

There is no way to decrease the quantity of pollutants outside your home, but you can remove these allergens from the home and prevent many from entering.



The Solution

Developed by health care professionals

The Epurair
HEPA System
eliminates
99.97% of all
airborne dust
particles and
allergens

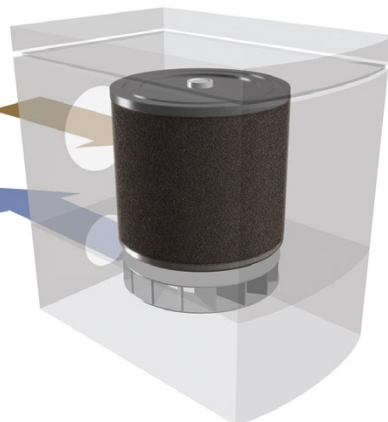
- 1 Pre-filter:** Air is drawn in through a carbon pre-filter that removes large particles, such as dust, pollen and fibers.
- 2 HEPA Filter:** The finest particles including bacteria, attached viruses, mould, radon, smoke, and dust are captured by the main HEPA filter.
- 3 Carbon Trap:** The volatile organic compounds (VOCs) present as gases, fumes, and odors are absorbed by the carbon trap.
- 4 Aromatherapy and MicroGerme Treatment:**



The specially integrated diffuser can be used with one of our many natural, light fragrances. This diffuser can also be used with MicroGerme treatment to combat airborne mould. MicroGerme is an all-natural group of compounds that prevent the growth of mould in the air, in your ductwork and on the surfaces in your home.

Polluted air enters the Epurair System.

The purified air is redispersed into your home, so that you and your family can breathe HEALTHIER and SAFER air.



Recognized by Physicians

HEPA air purification systems are recommended by respiratory physicians, as such the cost of the appliance may be deductible from your taxable income.

What is a HEPA Filter?

The Epurair Air Purification System employs a HEPA filter, the world's most effective filter.



HEPA (High Efficiency Particulate Air)

HEPA is a standard that was developed by the American Nuclear Energy Commission. HEPA filters are the world's most efficient air filters. They are used in hospitals, pharmaceutical preparation and electronics manufacturing to eliminate very fine particulates. To be classified as a HEPA filter, the filter must eliminate 99.97% of all particles 0.3 microns or larger.

Technical Features



Disposable carbon pre-filter eliminates the chore of cleaning filters.



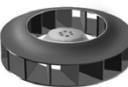
Manufactured in the form of a cylinder, the Epurair HEPA filter boasts a far larger filtration surface area than rectangular filters, thus resulting in a longer lifespan (3 to 5 years).



The carbon trap absorbs gases, odors and fumes.



Optimal sealing of the filter as a result of a titanium pigment sealing joint.



The CSA and UL approved air circulation motor, manufactured in Germany, is designed for both energy efficiency and ultra-quiet performance. The acoustic design ensures that only 32 dB of sound are produced on low speed and 52 dB on high.



The long-lasting steel casing has an exceptionally resistant, baked polyurethane diamond finish.



The integrated diffuser is designed for both the aromatherapy and disinfection needs of your entire home. The many subtle aromas you can choose from are derived from natural plant extracts.



Epurair uses laser analysis devices to certify each of its products.



Certified 99.97% HEPA Filter

All Epurair units come with a written guarantee for 99.97% filtration of extremely minuscule (0.3 micron) particles. Like only the most effective systems, the ventilation casing is sealed off from the Epurair HEPA filter using an airtight hermetic seal. Every Epurair HEPA System is individually tested and analysed for certification with a laser particle counter. This is why we are confident and proud to provide a certificate of effectiveness with every system.

The Epurair HEPA System has a modular design

It is adaptable to your specific environment and can be modified if your needs change.



The Epurair System can be installed as a component of your central heating and air conditioning system or used as a stand-alone portable unit by simply switching the system's back panel.

Portable

As a portable unit, it combines the power of a central system with the required functionality for use in your apartment or condominium.

Central Furnace

The Epurair System can be installed onto a forced air heating system. In this installation, it uses the existing ductwork to purify all the air in your home.

Air Exchange System

Air exchange systems that recover heat can become a large source of pollutant particles such as dust and mould. If you have this type of system in your home, it is recommended that an Epurair System be installed to purify the air that passes through the air exchanger into your home.

Epurair Specifications

Variable Speeds	Air Flow Rate	Noise Level
Speed 1	80 CFM	30 dB
Speed 2	125 CFM	40 dB
Speed 3	350 CFM	52 dB
Power Consumption:	1.2 A max	
Size:	L 17" x W 16" x H 22.6"	

Technology

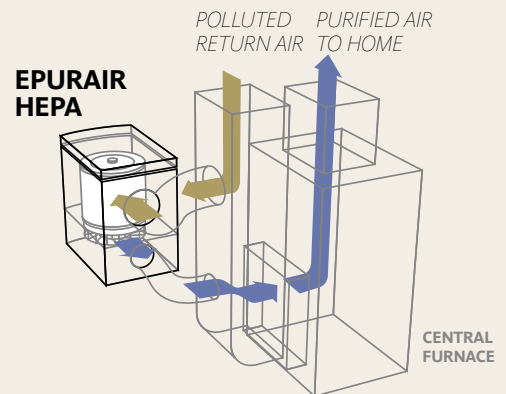
Epurair Systems are manufactured with industry-leading processing techniques. Our engineering team is always working with our medical group to employ the most recent technology in the design of our high quality systems.

You're in good hands

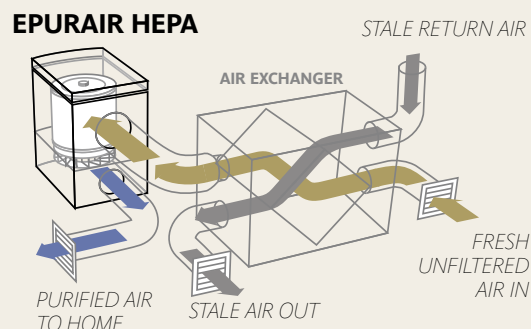
All Epurair retailers must attend training sessions to learn about air quality, asthma and allergies. They will help you choose the system that best suits your needs.

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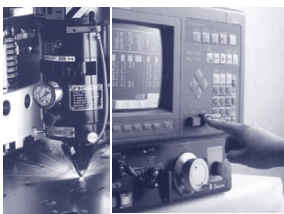
CENTRAL FURNACE



AIR EXCHANGE SYSTEM



Our reputation was built on bringing quality and originality to all Epurair products.



All Epurair HEPA Systems are backed by a 5-year limited warranty. The HEPA filter inside each unit is guaranteed for 2 years.

