



EPURAIR HEPA



AIR PURIFICATION AND AROMATHERAPY SYSTEM

Dusty Air!

It is widely acknowledged that the air in our homes is filled with dust, pollen, mould and thousands of other pollutants. Whether it's a matter of particulates, gases or bio-burden, 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 cases every year. For the first time, researchers have concluded that smog can cause 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.

We breathe in millions of microscopic particles. Microns are the unit of choice to describe particle size. One micron is one thousandth of a millimetre. Particles less than 2.5 microns are more so potentially dangerous because they are able to penetrate the body's natural defences and pass through into the lungs. The smaller the particle the more harmful it becomes for you and especially your children.

It's been proven that the poor quality of the air indoors plays a key role in increasing the number of asthma and allergy cases every year.

POLLEN

Pollen comes from trees (in the spring), flowers and plants (in the summer) and ragweed (at the end of the summer) and is carried by the wind. It gets into the home via cracks, doors and windows.

MITES

Mites that reside in the dust in homes are the cause of a large number of allergic reactions (rhinitis, conjunctivitis, eczema, asthma...).

MOULD

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

CIGARETTE SMOKE

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

CHEMICAL SUBSTANCES

Numerous chemical substances are present in today's homes (resins, glues, varnish, solvents, paint, household cleaning materials, formaldehyde, and other volatile organic compounds known as VOC).

SMOG

Visible during hot summer days, smog is a kind of big brownish yellow cloud containing ozone, a highly oxidizing compound, which can provoke asthma attacks and heart attacks.



The Solution

Developed by health care professionals

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



**Simon Labrecque, Inh, RRt
Respiratory therapist**

As the Director of Medical Product Development, Simon is our asthma and allergy specialist.

Simon's experience in working several years with asthmatic children, has lead to the development of Epurair HEPA Systems.

**Please don't hesitate
to contact him!**

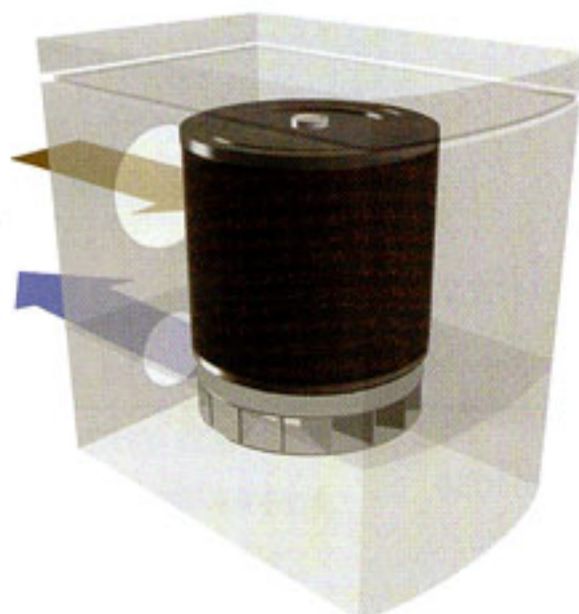
Customer service -
Medical and technical information:
1 (800) 205-1108

- 1 Pre-filter:** Air is drawn in through a carbon pre-filter that removes large particles, such as dust, pollen and fibres.
- 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 (VOC) present as gases, fumes, and odours are absorbed by the carbon trap.
- 4 Aromatherapy and MicroGerme Treatment:** A special diffuser is integrated into the system for use with one of many natural and subtle aromas available for your home. 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 to provide you with a HEALTHIER LIFESTYLE.



Recognized by Physicians

HEPA air purification systems are recommended by respiratory physicians. 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.



The HEPA (High Efficiency Particulate Air) filtration process was developed by the American army several years ago to offer protection against radioactive dust particles. Today, HEPA filters commercial applications in hospitals, pharmaceutical preparation and electronics manufacturing to eliminate very fine particulates. To be designated as a HEPA filter, 99.97% of particle 0.3 microns in size must be eliminated. These particles are too small to be seen with the human eye, in fact, it would take about one thousand to fit across the head of a pin.

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. This is why it lasts for a very long time (3 to 5 years).



The carbon trap absorbs gases, odours 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 is why only 32 dB of sound are produced on low speed and 65 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 made 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. For an air purification system to be effective, a hermetic seal must exist between the filter and the ventilation casing. 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.

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

Asthma and Allergies

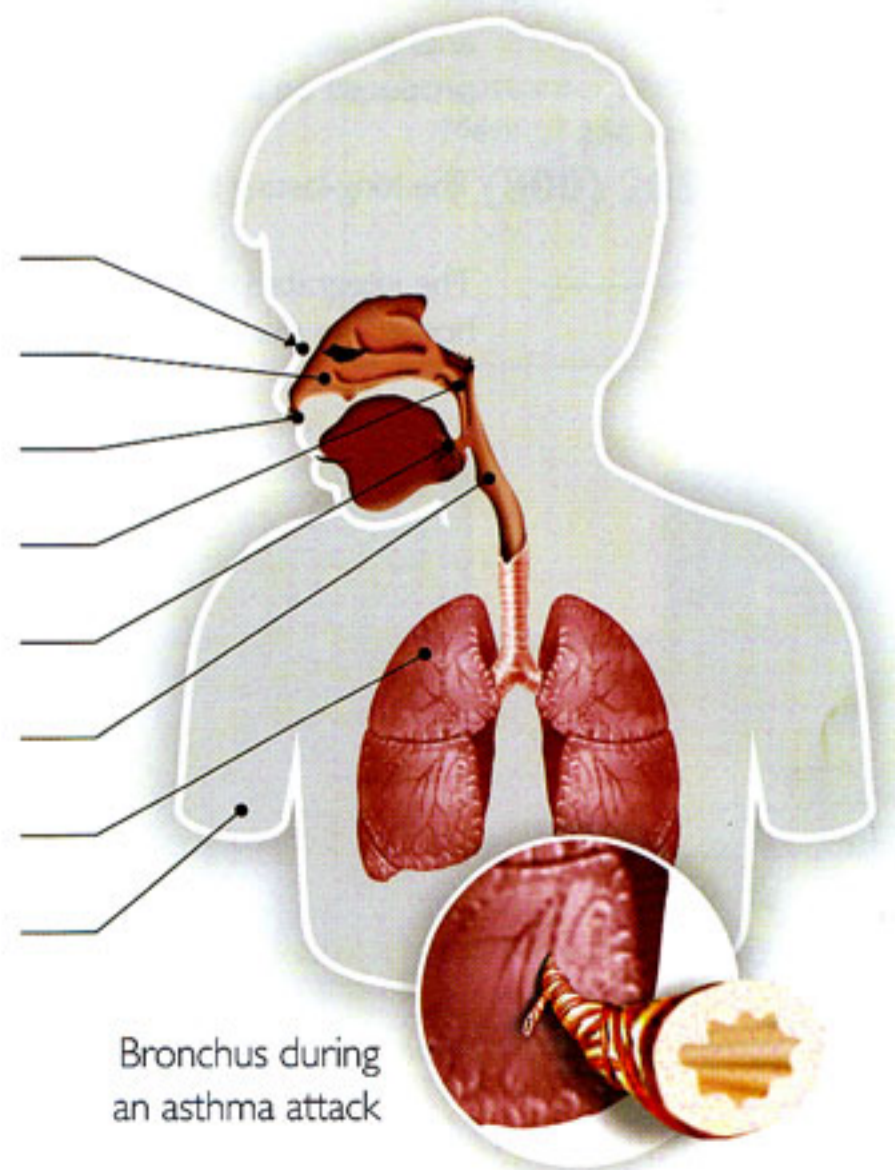
One out of four people is allergic to at least one of these contaminants as well as others commonly found in our homes. Even though you may not suffer from any allergies, it would be wise for you to take into account the long-term effects of living in polluted surroundings.

Purifying the air we breathe in our homes is essential since we spend the major part of our lives indoors. Air pollution will trigger asthma, cause congestion in the nose and throat and irritate eyes, but recent research has discovered the added threat of increased risk of cardiovascular disease. Numerous health problems 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 our exposure to all allergens. We are unable to decrease the quantity of pollutants outside our home. However, we can help eliminate these allergens from the home and prevent many from entering.

- REDNESS OF THE EYES
- NASAL CONGESTION
- RUNNY NOSE
- SNEEZING
- COUGHING
- SHORTNESS OF BREATH
- WHEEZING
- REDNESS OF THE SKIN



The Epurair HEPA system has a modular design

It is adaptable for your specific situation and can be modified if your needs change.



The Epurair System can be installed as a component of your central heating or air conditioning system or used as a stand-alone portable 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.

3 adjustable speed

SPEED		FILTRATION	NOISE
1 st	(Silenced for the night)	80 CFM	30 dB
2 nd	(Day usage)	125 CFM	40 dB
3 nd	(Turbo)	350 CFM	52 dB

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 would be very worthwhile to install the Epurair System to purify the air that passes through the air exchanger.

Technology

Epurair Systems are manufactured with cutting edge 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.

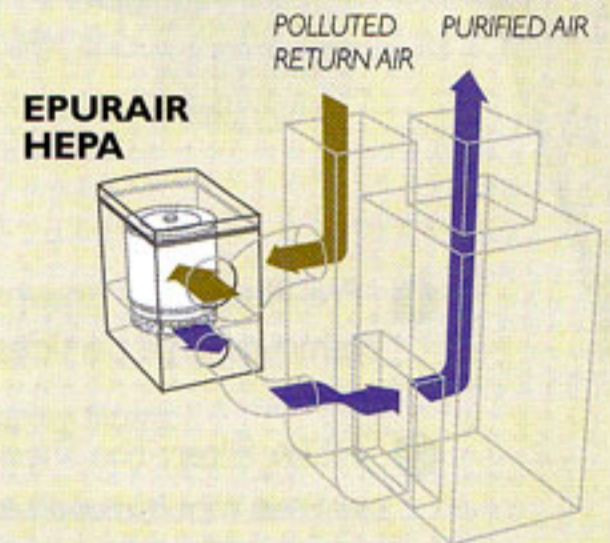
You're in good hands

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.

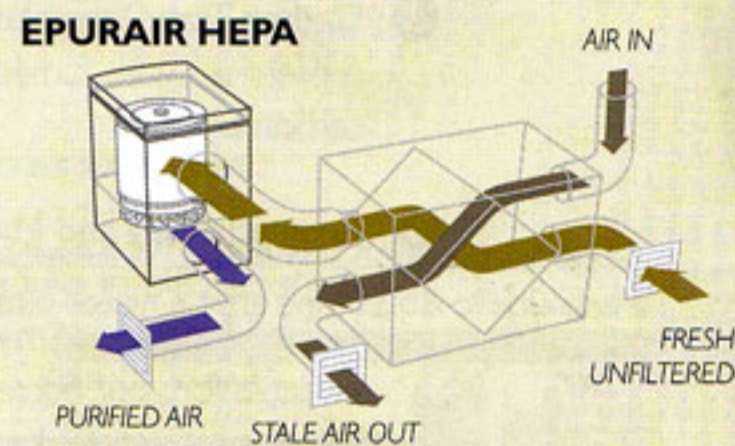
The originality and quality of Epurair products is what has built our reputation.



CENTRAL FURNACE



AIR EXCHANGE SYSTEM



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

Guarantee
5 year

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