

**“Levels of pollutants
in indoor air can be
up to 70 times higher
than outdoor air.”**

*—U.S. Environmental
Protection Agency Study*



Give your family the benefits of
“Whole House” air purification
with a Central Air Purification
System with HEPA filtration.



Let's take a closer look at the problem of indoor air pollutants.

If you or your family members suffer from:

- Respiratory Allergies**
- Asthma**
- Frequent Flu-like Symptoms**
- Headaches**
- Itchy, Watery Eyes**
- Sore Throat**
- Fatigue**

Air pollutants inside your home or workplace could be the problem.

Indoor air pollutants can affect us all. They can especially threaten the health and comfort of young children, the elderly, and the more than 50 million Americans who suffer from allergies, asthma, emphysema, and other respiratory tract ailments. According to a U.S. Environmental Protection Agency study, exposure to many pollutants can actually be worse indoors.

Some of the most common indoor air pollutants and allergens include:

- Mold & Fungal Spores / Bacteria / Dust / Dust Mites / Pollens**
- Pet Hair & Dander / Tobacco Smoke / Pet Odors / Cooking Odors**
- Mold & Fungal Odors / Off-gassing from Furnishings & Building Materials**
- Household Chemical Vapors**

Tests using sophisticated laser particle counters show that even in well-maintained homes, the air typically contains between 20 and 50 billion airborne particles. More than 99% of these particles are smaller than one micron in size and invisible to the naked human eye.

To put this size in perspective, the diameter of a human hair is typically 50 to 200 microns.

Microscopic molds, bacteria, pollens, pet hair and dander, dust, and dust mites, are among the most prevalent airborne particles that trigger allergic or asthmatic reactions.

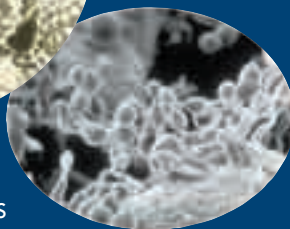
Clinical studies have shown that molds and dust mites are of particular concern.



Pollen



Bacteria



Fungus



Dust Mite

A 1999 Mayo Clinic study found that a reaction to fungi (molds) was the cause of chronic sinusitis in 96% of the patients surveyed.

An Ounce of Prevention.....

It is virtually impossible to completely prevent exposure to respiratory pollutants and allergens. Many health professionals believe that minimizing or reducing exposure is one of the most important components of patient care.

One Solution to Indoor Air Pollution: CAP600/CAP1200 Central Air Purifiers for Pure, Clean, Healthy Air in Your Home or Office.

HVAC Systems and IAQ

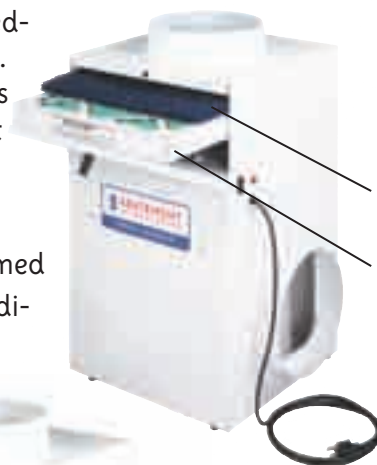
The damp, dark confines of the HVAC ductwork, and components such as the evaporator coil and drain pan, can be a perfect breeding ground for microbial growth, especially when they are dirty. Mold spores and other microscopic pollutants and biopollutants can easily pass through most furnace filters and into the air that you and your family breathe.

True HEPA Filtration for Home or Office

CAP600 series and CAP1200 series Central Air Purifiers are designed for installation into the central heating, ventilating and air conditioning systems of a home or business.

These unique self-powered systems feature particulate and carbon pre-filters, plus a true HEPA (High Efficiency Particulate Arrestance) filter independently tested and certified to capture 99.97% of airborne particles as small as 0.3 microns in size.

Abatement Technologies' HEPA filtration systems have been used to clean the air inside more than four million healthcare, government, commercial and residential buildings since 1985.



CAP600 Prefilters

1. **Primary:** removes coarse particulates
2. **Secondary:** removes odors, vapors & gasses



CAP1200 Prefilters

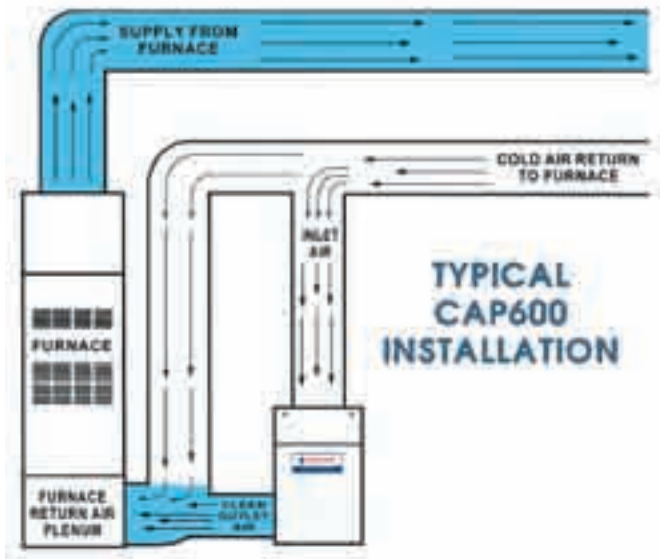
1. **Primary:** removes coarse particulates
2. **Secondary:** removes finer particulates
3. **High-Capacity Carbon Pack:** removes odors, vapors & gases

"When feasible, avoidance is the preferred form of allergy treatment."

-Journal of the American Medical Association -

"Biological pollutants, including molds, bacteria, pollen, dust mites and animal dander, promote poor indoor air quality (IAQ) and may be a major factor of days lost from work or school."

- American Lung Association -



Purify the Air Up to 75 Times Per Day

CAP[®] systems are installed in a “partial bypass” configuration. A powerful blower in the unit pulls dirty air from the HVAC system, filters it, and returns the purified air back to the system. Typical installations provide 50 to 75 clean air changes per day.

Fit Most Central HVAC Systems

CAP units are designed both for use in new installations and for retrofit applications. CAP600 series models are designed for use in 1 - 4 ton HVAC systems. CAP1200 series models are designed for use in larger (4-10 ton) residential and commercial systems. One CAP unit is required for each HVAC system. Installation by a licensed HVAC professional is recommended.

Germicidal UV Option

In addition to HEPA filtration, the CAP600-UV and CAP1200-UV models feature high-output germicidal UV disinfection lamps for added control of bacteria and fungi. Germicidal UV has been used in hospitals, pharmaceutical plants and food processing and storage facilities to break down the DNA of airborne pathogens and allergens such as bacteria, viruses, molds and fungi.

“UV Plus” Option

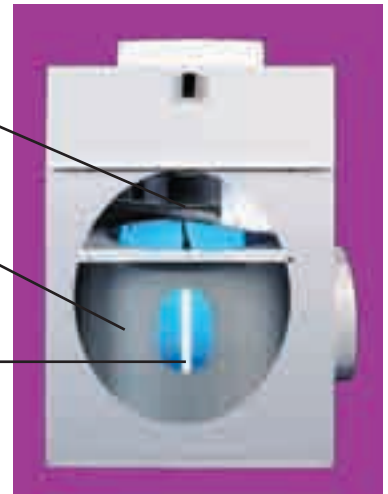
The CAP600-UVP and CAP1200-UVP models feature a unique “UV Plus” technology. UV Plus lamps combine germicidal UV disinfection with an in-duct oxidation reaction known as photolysis. UV Plus lamps provide enhanced neutralization of common household odors and microbial odors.

Class II Medical Devices

All of Abatement Technologies’ CAP Central Air Purifiers are Class II Medical Devices which may qualify some homeowners for reimbursement, with doctor approval, under some insurance plans.

Safety First

All models are approved by Environmental Testing Laboratories to conform to applicable UL Standards.



Powerful Motorized Impeller

Sturdy Metal Frame
99.97% Efficient
Tested & Certified
HEPA Filter

Germicidal UV Lamp

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“The most effective treatment of recurrent inhalant allergy is the removal of allergens to which the patient is sensitive.”

- Advances in Pediatrics -

See your Abatement Technologies dealer for other filtration products designed for your family’s complete air quality needs.

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