

Here are some interesting facts to consider:

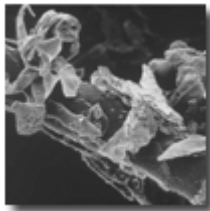
- Most people spend 60% to 90% of their time indoors. (American Lung Association & EPA)
- 20% of all illnesses are either caused by, or aggravated by, polluted indoor air. (American College of Allergists)
- The average 6-room house collects 40 pounds of dust each year. (Discover Magazine)
- The levels of some hazardous pollutants in indoor air has been found to be up to 70 times greater than in outdoor air. (USEPA)
- Studies have shown that two out of three indoor air quality problems involve the HVAC/Air Duct System.
- More than 50 million Americans suffer from allergies.
- One out of six people who suffer from allergies do so because of the direct relationship to fungi and bacteria in air duct systems. (Total Health and Better Health Magazines)
- 10-12 million Americans suffer from Asthma. (American College of Allergists)
- Children and the elderly are especially affected by polluted indoor air. (Department of Consumer Affairs)
- Most commercially available fiberglass furnace filters are less than 7% efficient. (ASHRAE)





Are You Suffering From:

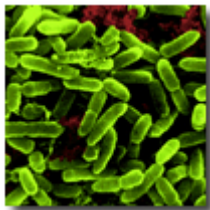
- Headaches
- Bronchitis
- Allergies
- Asthma
- Nasal Congestion
- Sinus Problems
- Migraines
- Musty Odors
- Excess Dust
- Dust Mites



Animal Dander



Dust Mites



Bacteria



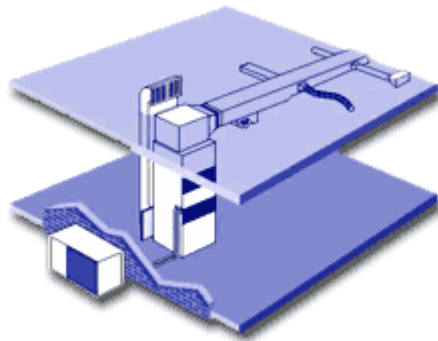
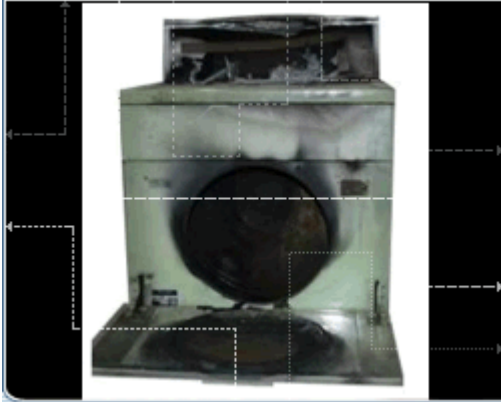
Polle



chemicals that are EPA, FDA, and USDA approved for the best quality cleaning for your environment. We pride ourselves in giving our customer the safest, environmentally friendly cleaning and service.

In 1998, clothes dryers were associated with 15,600 fires, which resulted in 20 deaths and 370 injuries. Proper cleaning and maintenance of those dryer vents may have reduced that number significantly. All consumers should “have a qualified service person clean the interior of the dryer chassis periodically to minimize the amount of lint accumulation.”

Read the entire report at CPSC.gov



YOUR DUCT SYSTEM FUNCTIONS AS THE RESPIRATORY SYSTEM OF YOUR HOME. WHEN IT BECOMES CONGESTED, IT SHOULD BE CLEANED SO IT CAN 'BREATHE' NORMALLY AND EFFICIENTLY. IF YOU ANSWER YES TO ANY OF THE FOLLOWING, IT MAY BE TIME TO HAVE YOUR AIR DUCT SYSTEM PROFESSIONALLY CLEANED

- The national average is **\$400 to \$600** per system.
- We provide a premium duct cleaning that covers ALL the duct work in your home.

DIRTY FIREPLACE AND CHIMNEY

When you think about the air that comes through your ducts and the warmth and comfort it brings in winter and summer, you want your family



and workers to breathe the healthiest air into their lungs, promoting better health and heightened well being. You want to help prevent illness, allergies, asthma in your children, unpleasant odors and promote optimal conditions for health. This will help cut down on time lost from school or work, and help your family and co-workers be more productive in life.

What you don't want is animal hair and dander, insect parts and dung, stale smoke, dust, mold, chemical fumes, dust mites, allergens and pollen entering your loved ones bodies with every life-giving breath.

Cleaning your system relieves allergy suffering by removing dust, pollen, animal dander and other allergens from you duct system.

System cleaning helps you prevent inside pollution for your family and workplace and give them the best quality air possible through the heating and air system . . . clean air. Although these problems are difficult to deal with and complex in nature, cleaning your system also helps reduce the symptoms of disorders like:

chemical sensitivities, chronic fatigue disorder, asthma, allergies, fibromyalgia.

Also, a clean HVAC system has a longer life span by reducing the wear and tear caused by excessive amounts of dust and debris.

Reduces heating and cooling costs by improving efficiency. "Accumulated debris can restrict the air flow in your air ducts, making your system work harder to heat and cool your home. A build up of .042 (1/20) inches of dirt on the heating or cooling coil can result in a decrease in efficiency of 21% increasing your monthly utility and fuel bills." EPA



EPA Environmental protection agency

Sanitizer for Air Duct Cleaning

A Sanitizer is an anti-microbial product applied to the interior of the air duct system, designed to control microbial contamination. Before the sanitizer is used, the system must be thoroughly cleaned.

It is important that any anti-microbial treatment used in the system be accepted and approved by the EPA for use in HVAC systems.



Sanitizer FAQ's

Why is a sanitizer used in the air ducts?

When an Air Duct Cleaning is performed on your system, all the debris is completely removed by the vacuum. What cannot be removed during the cleaning process is mold, mildew, fungi, algae and bacteria. These are removed by applying an HVAC sanitizer after the cleaning.

When should the sanitizer be used?

After every Air Duct Cleaning or if the HVAC system is emitting odors.

Is it safe to be in the house when the sanitizer is applied?

Yes. Due to the enhanced benefit of its low toxicity and safety rating from the EPA, it is used in occupied spaces. This means you do not have to leave the premises during the application. The sanitizer we use does not have any environmental-damaging propellants, perfumes or flammable ingredients. This product is completely odorless.

How is the sanitizer applied?

The sanitizer is applied using a fogger machine. This method is used due to it being the most efficient way to coat the complete system with the sanitizer.

INDOOR AIR TREATMENT WITH UV

UV's effectiveness in killing bacteria is directly related to a microorganism's exposure time. Indoor air in a typical residential forced-air HVAC system will be re-circulated 40-75 times a day. With a UV generating lamp mounted in the HVAC duct, cumulative exposure can be very effective in controlling indoor bacteria.

UV rays will also kill germs that breed in drain pans and A/C coils. Properly positioned, an ultraviolet system can significantly reduce indoor air contamination and prevent the growth of new microorganisms.

The treatment of indoor air with ultraviolet radiation has been successful in health care facilities, food processing plants, schools, laboratories and other applications. It is safe, silent, and proven.

Since direct exposure to UV light can cause skin cancer and blindness, the most practical application of UV light in the home or office is in the main air distribution (heating and/or air conditioning) system. As UV light will not pass through metal, glass or plastic, a UV light can be installed in the main supply or return duct of your central heating or air system without concern for direct exposure to eyes or skin. This is an ideal location as the air in the home or office will pass through the HVAC system 40-75 times a day during normal operation and as many as 150 times a day in continuous fan mode.

FILTER SYSTEMS ALONE DON'T SOLVE THE PROBLEM

The majority of indoor air is conditioned by forced-air heating and cooling (HVAC) systems. Standard fiber air filters are entirely ineffective in trapping germs, as most particles are simply too small, passing through the porous filter. New, high efficiency style filters will only capture airborne bacteria down to a certain size. These high efficiency filters are nominally effective, trapping small airborne contaminants on the filter, creating a breeding ground where germs can continue to grow and multiply.

HVAC systems are a dark and damp breeding ground for mold and bacteria, particularly at the system filter and air conditioning (A/C) coil. The buildup of matter on the A/C coil and filter can significantly reduce the efficiency of the appliance by constricting and reducing air flow. This means increased cost to the homeowner in addition to the risk of airborne pollutants. A complete air duct cleaning will remove buildup on these components and throughout the system. The combination of air duct cleaning and the UV-Aire system will provide a much healthier and comfortable indoor environment.

Sealer Treatment

This sealer is used to seal damaged and undamaged duct work liners/insulation. The sealer penetrates deeply into existing HVAC duct liners and insulation, forming a damage resistant surface that reduces particle release. Resists fungus and mold.

This sealant is a water base material specially formulated for application

to HVAC duct liner or duct board insulation. An application of this product onto liner ducts, after source removal is complete, will effectively contain insulation fibers and residual materials including soot and ash.

Antifungal / Antibacterial Treatment

After complete and proper cleaning of the HVAC system to all NADCA standards and EPA guidelines, the appropriate areas of the HVAC system are resurfaced with a new coating. This resurfacing product is EPA registered for use in air conditioning systems and on contaminated walls and ceilings for microbial control.

This coating is a low odor, quick setting water-based surfacing material designed for field or shop application to faced or un-faced fiberglass duct liner, fiberglass duct board insulation or galvanized surfaces. It is formulated to effectively prevent the spread of molds and odor-causing bacteria on its surface with long term activity. Its low viscosity allows for application with virtually any type of spray equipment now available to the market.

This coating guards against the re-growth and spread of odor causing bacteria and molds on the surface of the coated HVAC system or its treated components only. As a result, the building occupants may enjoy a work space free of the odor problems often associated with contaminated HVAC duct systems.