



Before Cleaning



After Cleaning

## Duct Cleaning

Most people are now aware that indoor air pollution is an issue of growing concern and increased visibility. If not properly installed, maintained, and operated, heating & cooling components become contaminated with particles of dust, pollen or other debris. Some of these contaminants may cause allergic reactions or other symptoms in people if they are exposed to them.

The key to the continued and efficient operation of your heating and cooling system is periodic maintenance. Regular maintenance, cleaning, and servicing will keep your system operating at its peak energy efficiency and safe operation and could create a healthier indoor environment.

Duct cleaning generally refers to the cleaning of various heating and cooling system components of forced air systems, including the supply and return air ducts and registers, grilles and diffusers, heat exchangers heating and cooling coils, condensate drain pans (drip pans), fan motor and fan housing, and the air handling unit housing.

In addition to having potentially cleaner home and air, duct cleaning by professionals can also alert you to any potential problems there may be with

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There is a continuous cycle of airflow within your home. Overtime, the walls of your air ducts become laden with particles of dust, allergens, and other debris.

Regular maintenance, cleaning and servicing will keep your heating and cooling system operating at its peak energy efficiency and safe operation.

The Ductworks Complete Ventilation Cleaning Package™ utilizes a system that scrapes and vacuums away the



Your Air Duct Cleaning Expert™

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debris from within your air ducts, while vacuuming at the same point of contact. Proven to be more effective than any other air duct cleaning method, the Ductworks Package will provide:

- Fresh & clean indoor air.
- Energy cost savings & system efficiency.
- Fewer mechanical breakdowns.
- Advance warning to mechanical deficiencies.

## Duct Cleaning Continued

your ductwork, such as disconnected or failing ducts. This can greatly impact the energy efficiency of your home.

Methods of duct cleaning vary, although industry associations have established standards. Typically, a service provider will use specialized tools to dislodge dirt and other debris in ducts, and then vacuum them out with a high-powered vacuum cleaner.

Here are a few tips to help you find the right service provider and to make sure you get the proper service.

Prior to the start of cleaning, technicians should perform a walk through with you and answer any questions that you have about your ventilation system.

Technicians should place drop cloths to protect your home and furnishings.

The furnace fan blower should be removed and a complete visual inspection of the major components

should be performed.

Access ports or doors should be opened to allow the entire system to be cleaned and inspected.

The service provider should use vacuum equipment that exhausts particles outside of the home or use only high-efficiency particle air (HEPA) vacuuming equipment if the vacuum exhausts inside the home.

The technician should take care to protect the ductwork, including sealing and re-insulating any access holes the service provider may have made or used so they are airtight.

Upon completion, your service provider should cycle your furnace and inspect all vents for proper airflow.

Finally, follow NADCA's standards for air duct cleaning and NAIMA's recommended practice for ducts containing fiberglass lining or constructed of fiberglass duct board.

More Information about our Sponsor

### **The Colorado Energy Science Center and E-Star Colorado have merged to create the Smart Energy Living Alliance (SELA).**

Our mission: to help people make smart energy decisions.

SELA provides unbiased information, tools and resources to help consumers make intelligent, responsible energy decisions.

SELA helps consumers understand clean energy options, and then we help them find the products and services they need.

SELA helps companies build their energy-efficiency and renewable-energy businesses with training and promotion.



Together we can build a better energy future.

[www.SmartEnergyLiving.org](http://www.SmartEnergyLiving.org)