



## **Air Duct & Dryer Vent Cleaning, Duct Diagnostic Camera Inspections & Duct Sealing with Duct Armor**

### **Air Duct Cleaning**

#### **Experience, Proper Training, and Equipment Matters!**

AADS's technicians are experienced in the latest procedures and use the most effective cleaning tools. Our technicians are not subcontractors, and they are thoroughly trained to clean ductwork and exhaust systems only.

*Our methods and equipment are customized to meet the needs of your family and your home.*

#### **Prepping the Furnace and Protecting the Home**

Work doesn't begin until the floor from entryway to furnace are protected with clean tarps. Doorways and corners are protected against dirt and scuff marks. During extreme weather months, we do our best to tarp the open door and when possible, we can bring the hose in through a window.

Pet and child safety and comfort is addressed.

Protective shoe covers are worn indoors at all times. We go above and beyond to be sure that cross contamination from one house to another is eliminated.

All supply registers and return grills are removed and wrapped with plastic so that there is zero chance of debris escaping the duct system while cleaning. The only time we do not completely remove a vent cover is when there is a risk of damaging walls or ceilings. Homeowners may choose to cut off painted-on vents or ceiling vents prior to our arrival.

After the system is sealed, a 6" vacuum hose is inserted into a 6" diameter opening that we make in the main trunklines (commonly found in the basement), right where the mains connect to the furnace. This will be the collection point for all the dirt in the duct system.

*For a home on a slab foundation, the vacuum hose is inserted into the plenum pit that is under the furnace. Your HVAC tech may need to remove the A/C coil from the plenum pit if there is no riser box in place for total access. All slab ductwork is cleaned with a live camera so that we can be sure that all debris is removed and that there are no breaches that could be responsible for allowing debris to enter ducts from the foundation.*

The furnace is sealed from the inside with a protective barrier between furnace and trunkline, this will prevent dirt from getting pushed into the furnace cavity during the cleaning process.

#### **Cleaning Process with Agitating Whips and Highly Compressed Air**

Once the vacuum is up and running, we send the patented "Duct-Whip" cleaning system into each supply branch and each return duct to break up the dirt inside the system. The loosened debris is then pushed into the main trunk lines by the compressed air coming out of the whip leads. Every inch of every duct is whipped until cleaned. Any flexible or fragile ductwork will not be whipped. We will use highly compressed air to push debris into the vacuum house instead of agitating whips.

Before re-installing vent covers, we **use a clean, damp cloth to wipe down** each register cover and register boot with a diluted, all natural cleaning agent or water. *(Per homeowner's discretion)*

### **Main Trunk Lines**

Once dirt is pushed into the basement lines, we then continue to run the Duct-Whip through all the main trunk lines. We start at the far end and work our way back toward the furnace where the large vacuum hose is attached. All debris is pushed and blown into the vacuum hose and removed from the system.

### **Furnace Cleaning**

The duct cleaning service is completed with an air washing of the furnace blower motor and A/C coil. We also hand wash the furnace filter compartment. This cleaning is done so that dirt that was in the furnace before our arrival is not able to recirculate into your just cleaned duct system. *We do not use solvents in the furnace, nor do we check electrical circuitry. This should be done by your HVAC company.*

### **Dryer vent Cleaning Process - separate pricing**

The dryer is pulled away from the wall and the vent is disconnected from the back of the dryer, so that nothing gets pushed into the dryer during the cleaning process.

We attach vacuum for debris collection at the wall opening and run a compressed air line and whip through the entire line from the outside opening- pushing and blowing all of the lint and debris into the vacuum. We run the whip through the line as many times as necessary until all debris is out. We then check air flow to insure it has been restored completely.

The next step is to snake out the lint trap and clean out the port on the back of the dryer to make sure that the lint build up in the dryer does not recirculate back into the vent. The dryer vent is reconnected and the dryer is moved back into place. All debris is removed from the property.

We have exterior vent bird guards available on the truck if yours is in poor condition or birds are nesting in the vent.

### **In-slab Air Duct Diagnostics and Air Duct Restoration with Duct Armor - separate pricing**

A diagnostic camera is used for both cleaning in-slab ducts and sealing all types of ductwork with the **Duct Armor** product. This completely safe product eliminates the need to replace or reroute damaged, in-slab air duct systems by sealing the breaches and rust in existing ductwork.

### **Our Mission**

We strive to provide you with the most thorough cleaning and restorative processes available. There are often HVAC set ups or home designs that require us to use different tools and methods, but the above information is our typical cleaning process used in most homes in order to achieve the best results.

After 25 years of cleaning ductwork and dryer vents, not only are we experts, but we are still very passionate about providing you with the best indoor air possible!

### **All Work is Guaranteed**