



The Step-By-Step Guide To

Furnace and Air Duct Cleaning

What You Need to Know About Furnace & Air Duct Cleaning

Furnace and air duct cleaning is often misunderstood. Many people ask, “Should I clean my ducts?”. In actuality, the entire HVAC system should be cleaned. Failure to clean all components of the system can result in recontamination of the entire system, thus minimizing the benefits of cleaning.

Just as you wouldn't clean only half of your living room floor, you also would not want to clean only part of your HVAC system. Advanpro recommends cleaning the entire HVAC system, including the following components:

- ▶ Air ducts
- ▶ Coils
- ▶ Drain pan
- ▶ Registers
- ▶ Grills
- ▶ Air plenum
- ▶ Blower motor and assembly
- ▶ Heat exchanger
- ▶ Dryer vent
- ▶ HRV
- ▶ Chimney flue

Equipment Requirements

There is a wide variety of equipment available to HVAC cleaning professionals. Both truck-mounted and portable vacuums can be used to stop the spread of contaminants and get the system cleaned. We prefer truck mounted systems for their superior suction.

Antimicrobial Chemicals

Antimicrobial chemicals include sanitizers, disinfectants and deodorizers that can be applied to nonporous surfaces in HVAC systems to address microbial contamination and help control odors. These products should only be considered after mechanical surface cleaning has been performed and if the need for such treatment has been deemed necessary.



Furnace & Duct Cleaning 101



Step One Preliminary Inspection

Our technician(s) arrive at the scheduled time and review proposed work with the homeowner.

A preliminary inspection of the furnace and air duct system is necessary to determine the best possible route to run our large vacuum hose from the truck-mounted equipment to the furnace, usually through a basement window or through the front or rear door. Drop clothes and corner protectors are used to ensure your home is protected.



Step Two Preparation

Access openings are prepared; either by removing the furnace blower motor or holes are cut in the duct work (depends on age/style of furnace). The technician attaches a vacuum hose directly into the main duct system.

The system is sealed off between the hot air and cold air ducting, and all air vents are covered to maximize the effectiveness of our powerful vacuum.



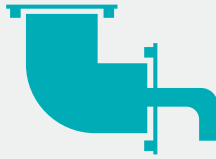


Step Three **Air Vent Cleaning**

As part of the Platinum Duct Cleaning, a high-speed rotary brush is run through the length of all supply heat runs. This dislodges air dust, debris, pet hair and dirt that has accumulated.

While the duct system is under suction from our truck mounted vacuum, all supply air vents are then cleaned using 180 psi of compressed air. This loosens the dirt and pushes it down into the main trunk system.

Our vacuum hose is then switched over to the return air duct system, and all return air vents and grills are cleaned in the same manner. We always start from the furthest air vent, usually on the top floor, then work our way back to the basement.



Step Four Main Duct Cleaning

After all the air vents (supply & return) have been cleaned, we start cleaning the main duct trunk system. A combination of air whips (platinum total care package) reverse air skipper hose (the skipper), and a specially designed air gun are implemented. All the debris that was in any of the air vents or connecting pipes is now being cleaned out of the main ducts.

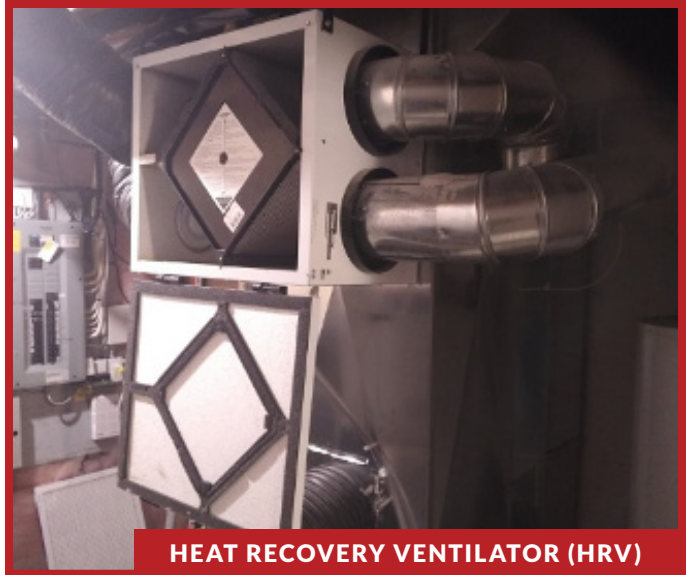
Our air whips are inserted into the ductwork via small 1" and 2" openings that we have created in strategic locations throughout the duct system. This device beats around the inside of the duct system loosening caked-on dirt from all surfaces inside the duct. Our air snake is then used, which blows all the remaining dirt and heavy objects back towards the vacuum hose.





Step Five Air Handling System Cleaning

All components of the air handling system are cleaned including the furnace fan, air conditioning coil and the furnace filter, as well as plenums (metal directly above furnace) and all compartments. All access openings are then sealed, and the furnace is run through a test cycle (ensure everything still works).



HEAT RECOVERY VENTILATOR (HRV)



DRYER VENT



HEAT RECOVERY VENTILATOR (HRV)



Step Six Optional Items

Optional items are cleaned. Dryer vents, HRV and/or chimney stack.



Step Seven and Eight Finishing Touches

Hoses are returned to our truck and any windows or entry points into the home are secured. We put the finishing touches on the job by wiping down the furnace including the insides of the doors, re-installing any filters and completing our performance operation of the system. The work area is thoroughly cleaned, and our technician signs his job by applying our company sticker with his name on it.

The final step is to perform a quality assurance inspection with the homeowner and collect payment.

Furnace and Duct Cleaning Before and After



Prices & Packages

Silver

High-pressure Air “Blow Gun Method”

~~\$170~~
\$159⁹⁵

Furnace cleaning & first 10 vents

- 🌀 Each additional vent is \$9.95
- 🔄 AC or high-efficiency cleaning add \$44.95
- ✓ Supply Standard MERV 8 Furnace Filter
- ✓ Remove & Clean Furnace Blower Motor
- ✓ Clean Hot Water Tank Burners
- ✓ Blow Gun High-pressure Air Wash
- ✓ Back Skipper

Platinum

High-speed Rotary “Brush Method”

~~\$200~~
\$179⁹⁵

Furnace cleaning & first 10 vents

- 🌀 Each additional vent is \$12.95
- 🔄 AC or high-efficiency cleaning add \$44.95
- ✓ Everything in Silver Package
- ✓ High Speed Rotary Brush Cleaning

BEST VALUE

Ultimate Total Care

Furnace Cleaning & Maintenance Plan

~~\$350~~
\$269⁹⁵

Furnace cleaning & first 10 vents

- 🌀 Each additional vent is \$13.95
- 🔄 AC or high-efficiency cleaning add \$44.95
- ✓ Everything in Platinum Package
- ✓ Reverse Octopus Whip
- ✓ Free Ground Floor Dryer Vent Cleaning
- 🛡️ 2 year Total Care Plan, including:
 - ✓ 2 year furnace filter supply (8 filters)
 - ✓ Priority no-heat emergency call out
 - ✓ 20% discount on all services for 2 years



GET AN ACCURATE QUOTE. INSTANTLY!

With the Advanpro Furnace & Duct Cleaning Calculator

LET'S GET STARTED →



Questions? Visit advanpro.ca or call us at (403) 873-7779