

A&R Environmental's Services: Air Duct Sealing

Air Duct Sealing From The Inside

"In a typical house about 20 to 30 percent of the air that moves through the duct system is lost due to leaks, holes, and poorly connected ducts."

We Have Join Forces To Bring Air Duct Sealing Near You

A&R Environmental is partnered with the leaders leading the industry in sealing air duct systems. Aeroseal has provided tomorrow's technology, today.

So How Does Sealing Your Air Ducts Benefit You?

1. **Air Quality** - Reduce dust and allergens; cleaner, healthier air
2. **Performance** - Improve operating efficiency and prolong the life of equipment
3. **Energy Savings** - Improve efficiency and airflow with up to 30% savings
4. **Comfort** - Eliminate hot/cold spots; create more even temperatures.

Inspecting The Ductwork Is Very Important For The Life Of Your Air Duct System

The ductwork that is separated at the joints, plenums with broken or rusted-out seams, improperly sealed access openings or doors, and other sources of air leakage can be a significant source of energy waste.

So How Is The Air Duct Sealing Done?

PREPARE YOUR SYSTEM - Plugging your registers with foam forces the air in your ductwork to escape through leaks. By forcing air to escape through leaks we able to pretest your duct system and begin the duct sealing process.

PREPARE YOUR UNIT - A small access hole is cut into the supply or return and a temporary collar is attached. The air conditioning indoor coil, fan, and furnace are temporarily blocked with a foam plug to prevent sealant particles from entering this part of your system.

PRETEST YOUR DUCTWORK - Once the system is properly prepped the AeroSeal machine is connected to the ductwork using lay-flat tubing. The Air Duct Diagnostic pretest will detect the exact amount of duct leakage in the duct system - the typical duct leakage detected in a home is between 30-40%.

SEAL YOUR DUCTWORK - Small aerosol particles are injected and kept suspended in the airflow by continuous air movement. The aerosol particles begin collecting on the edges of holes and cracks in your ductwork and seal your leaky ductwork from the inside.

REVIEW YOUR RESULTS - A computer-generated analysis summarizes your home's duct leakage reduction providing you with verification of the success of the AeroSeal application. Once the process is complete your certified A&R Environmental / AeroSeal technician will provide you with a printed certificate summarizing results.

"Our non-toxic, water-based formula effectively seals all the holes in your air ducts and vents, making sure your air goes where you need it – not where you don't."

-AeroSeal

