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AEROSOL DUCT SEALING SAVES U.S. HOMEOWNERS

AN AVERAGE \$300 TO \$800 ON ANNUAL ENERGY BILLS

With Investment Payback In As Little As Two And A Half Years, Game-changing Duct Sealing Method Is Considered A Top Financial Investment For Homeowners

CENTERVILLE, OH – December 29, 2014 – As word about a new approach to sealing leaky ductwork continues to spread, homeowners across the United States are finding duct sealing to be one of the best investments they’ve made in 2014. Aero sealing is quickly replacing the use of tape and mastic as the preferred method of sealing ductwork, saving homeowners as much as \$800 or more each year on their home heating and cooling costs.

“Even with a robust stock market, it’s hard to get anywhere near the return on investment that you can by aero sealing your home,” said Brendan Reid, founder of Comfort Institute, a home performance training and research organization owned by Aero seal LLC. “Most homeowners find that having their home aero sealed pays for itself in 3 to 5 years. After that, all the annual savings is purely money in the bank.”

Unlike traditional duct sealing methods, aero seal technology seals leaks from inside the ductwork. This inside out approach makes it possible to seal all the leaks – even those hidden behind walls or other hard-to-access locations that can’t be sealed with tape or mastic.

“Aero sealing is proven to be 95% effective at sealing leaks,” said Reid. “The U.S. Department of Energy believes the technology could save U.S. homeowners billions of dollars in energy costs and it’s considered to be the single most effective thing that many homeowners can do to reduce home energy waste.”

Documenting The Results

This past November, AeroSeal specialists ECS received a call from homeowners in Beacon Falls, Connecticut. The family was looking to save energy and improve the indoor comfort of their 2,600 ft single family home. After a quick inspection and testing, ECS determined that small holes in the home's duct system were leaking about 1/3 of the air being heating and cooled by the HVAC system. This was not only reducing the efficiency of the air conditioner and furnace, but was also responsible for rooms that never got warm enough in the winter or cool enough in the summer.

It took ECS less than four hours to set up the aeroSeal equipment and, from one injection point in the furnace room, seal the home's entire duct system. Post measurement tests found that aeroSealing reduced overall duct leakage from 441 CFM (cubic feet per minute) to 16 CFM - a reduction of more than 96%. More importantly, using records recorded by the home's programmable thermostat, the homeowners were able to determine the annual savings obtained by having their home aeroSealed.

“They set their thermostat to 63 degrees and compared the operation of their furnace before and after their ducts were sealed,” said Bill Henne, owner of ECS. “When they compared two days with similar weather outside, they found that their furnace turned on 11 times before aeroSealing and only 7 times after sealing. The furnace run times during the similar 24-hour period also dropped by about four hours.”

With this type of data comparison, the homeowners determined that the aeroSeal process reduced their annual heating bill by about \$600 – a two-year return on investment.

“This is real tangible evidence that the process works,” said Dennis K, the homeowner. “My wife – an eternal skeptic - has noted that the house has felt warmer and more consistent in temperature and of course more heat coming through the vents. I am a believer in this technology.”