

WHAT IS AIR SEALING?

When contractors talk of "air sealing" a home or building, they are talking about discovering and sealing all the gaps and open seams throughout your home. And there are more nooks and crannies than you might think.

Along with insulation, air sealing improves your home's overall air quality and helps your heating and cooling system work more efficiently, saving you money. Many believe air sealing leads to a stuffy home with stagnant, unhealthy air, but that is not the case. A professionally sealed home has *regulated* airflow, increasing comfort and reducing energy costs.

According to the EPA, air sealing and insulation can save up to 20% on heating and cooling costs.

A few other benefits include the following:

- Improved comfort, especially during summer and winter
- Reduced outside noise
- Less pollen, dust, and insects entering your home
- Better humidity control

Using special tools and equipment, such as infrared thermographic imaging, we can pinpoint air leaks in your home to provide you with better climate control.

If you're curious about how well-sealed your house is, contact us for a free inspection today: 856-474-2400.

SOME COMMON HOUSEHOLD AIR LEAKS According to energy.gov

- Attic Hatch
- Wiring Holes
- Plumbing Vent
- Recessed Light
- Window & Doors
- Furnace Flue or Duct Cause
- Kneewall (A short wall in a room with a sloped ceiling such as closed in attic rooms).

See image below from energy.gov [jpg file in separate doc]



Air Sealing Trouble Spots

- 1 Air Barrier and Thermal Barrier Alignment
- 2 Attic Air Sealing
- 3 Attic Kneewalls
- 4 Shaft for Piping or Ducts
- 5 Dropped Ceiling/Soffit
- 6 Staircase Framing at Exterior Wall
- 7 Porch Roof
- 8 Flue or Chimney Shaft
- 9 Attic Access
- 10 Recessed Lighting
- 11 Ducts
- 12 Whole-House Fan
- 13 Exterior Wall Penetrations
- 14 Fireplace Wall
- 15 Garage/Living Space Walls
- 16 Cantilevered Floor
- 17 Rim Joists, Sill Plate, Foundation, Floor
- 18 Windows & Doors
- 19 Common Walls Between Attached Dwelling Units