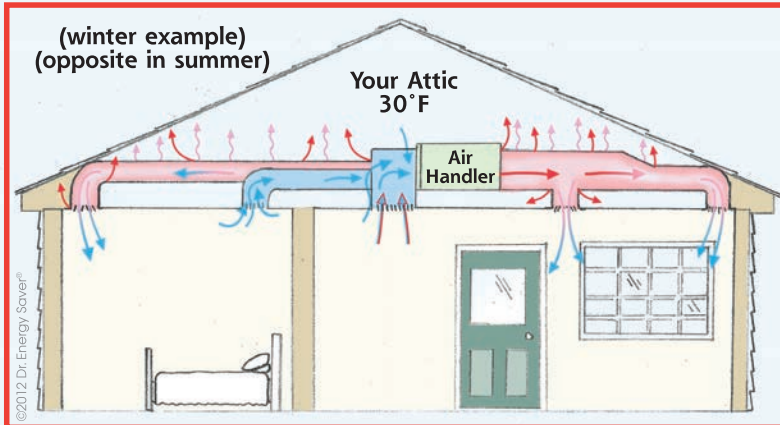


Ducts in an Attic

THE PROBLEM



Your vented attic is the worst possible place to locate ducts. Attics are the extreme opposite temperature of the air your ducts are trying to distribute to your rooms. They are 30°F in winter when the air in the duct is 120°F, and 125°F in summer, when the air inside your duct is 55°F. Ducts are very poorly insulated with fiberglass insulation - and air passes right through fiberglass. In winter

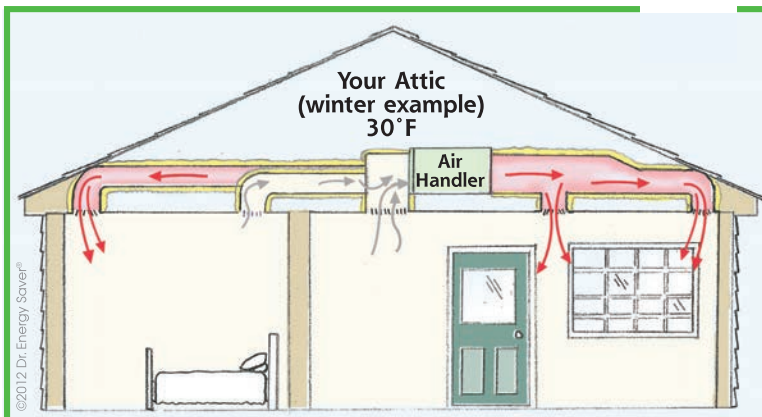


the attic cools the duct and air in it. So instead of having 120°F air that you paid to heat coming out of your registers into your rooms, it may be only 90°F - making you uncomfortable, and the furnace run longer to heat your home - which cost you money. In the summer, the 120°F + attic heats your ducts and air in them, and instead of 55°F air that you paid to cool coming into your rooms, it may be 70° - reheated by your ducts in your hot attic. You're AC has to run longer to make you comfortable. Ducts have lots of joints, gaps and holes. These are not only air leaks into the vented attic when the air handler is OFF, but they are POWERED air leaks when it's on. Air you paid to heat and cool and want to go to your rooms is leaking out of the ducts into your attic and is lost! Return duct leaks suck in very cold dusty air to try to heat, or very hot dusty air to try to cool.

Result - Uncomfortable rooms, some rooms (farther from the air handler) won't heat/cool, higher fuel and electric bills, more dust, more noise.

DR. ENERGY SAVER® SOLUTION

Tight 'n' True™ Foam Duct Encapsulation



Dr. Energy Saver® will seal and insulate your ducts right over the existing insulation with 1" of closed cell foam insulation. Air cannot leak through the foam. Not only does Tite 'n' True Foam Duct Encapsulation have a superior R-value per inch, but it recovers some insulation value from your existing duct wrap by making it air tight. Any inaccessible areas on the bottom of ducts can't be sprayed with foam, but when this solution is combined with TruSoft™ blown insulation, the ducts are often substantially buried in cellulose insulation as well. Now, when your furnace or air conditioner heats or cools the air, that heating/cooling is delivered to your rooms without loss along the way!



Results - More comfortable rooms, warmer in winter and cooler in summer, less dust/noise, lower fuel/electric bills, longer furnace/AC equipment life.

Unit of Measure - If using refillable foam or drum foam - feet of trunk line and feet of branch lines. If not, 200 bd. ft. or 620 bd. ft. kits.