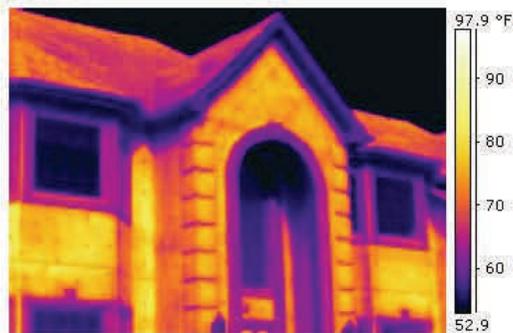
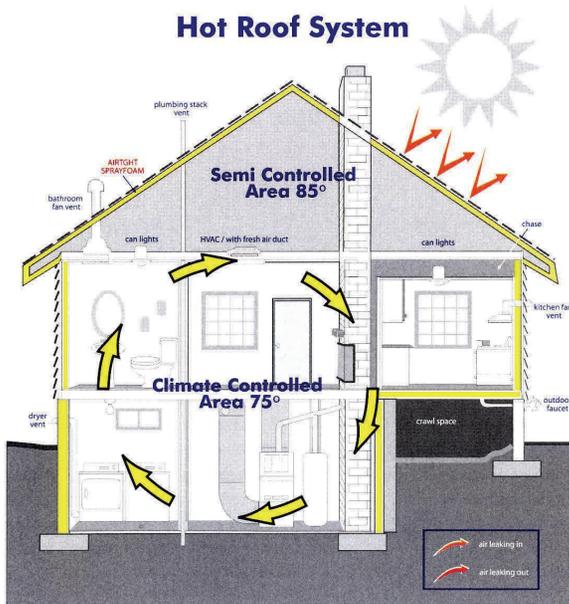


Thermal Imaging



We use thermal imaging to help us find where energy is being lost through leaks. The US DOE calculates that 40% of building energy loss is typically due to air leaking through walls, window & doors, or through inadequate insulation and

Hot Roof System



By applying spray foam directly to the underside of the roof deck, it now insulates the attic space from the extreme heat that once radiated through the hot shingles sheathing and roof. The severe temperatures no longer exist in the attic. In short, the attic now becomes a "conditioned" space of the house that is just as comfortable as any other room in the home.



Nelligan Insulation is a Lynchburg, VA based company established in 1998 that is managed by A team of dedicated professionals providing service to building and design professionals, builders & homeowners throughout central, southside and southwestern Virginia.



BPI contractors have completed rigorous training, administered by a network of affiliates, for home performance evaluation and focusing on the house as a system concept.

Do you have comfort problems like drafts or rooms that are hard to heat and cool? High energy bills? Ice dams? Mold, mildew or moisture problems?

By evaluating your home as a system we are able to identify and help with your homes energy efficiency and durability.

2539 Fairview Ave.

Lynchburg, VA 24501

434-847-4774 Fax 434-847-4457

Website: www.nelliganinsulation.com

Liscense # 2705 091062A



The Energy Efficiency People

Retrofit Insulation



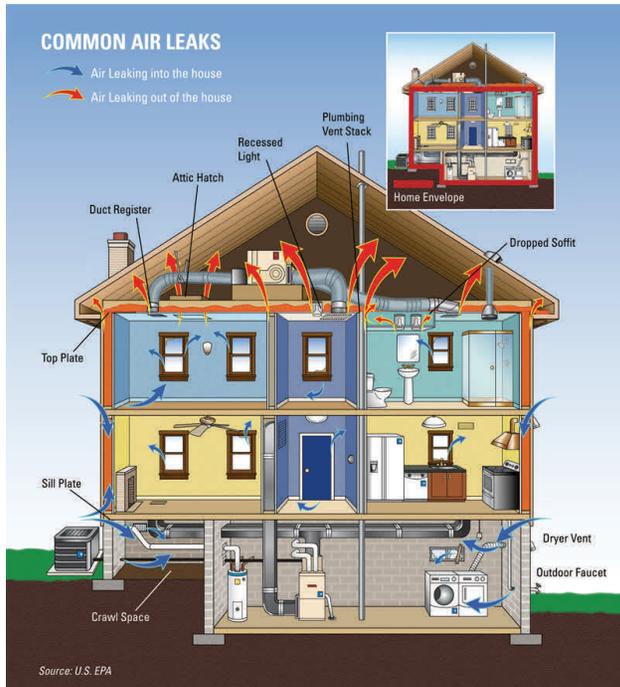
- ◆ **Airsealing**
- ◆ **Duct Sealing**
- ◆ **Pipe Insulation**
- ◆ **Blown insulation**
- ◆ **CertainTeed Batt Insulation**
- ◆ **CertainTeed CertaSpray Foam**
- ◆ **Conditioned crawl spaces**
- ◆ **Drill & Fill existing walls**
- ◆ **Basement insulation**
- ◆ **Attic insulation**
- ◆ **Thermal Imaging**
- ◆ **BPI Accredited Contractor**

If you are interested in upgrading your homes energy efficiency please give us a call for a free estimate.

434-847-4774

Retrofit Insulation

Inadequate insulation and air leakage are leading causes of energy waste in most homes. Insulation saves money and our nation's limited energy resources. It can also make your house more comfortable by helping to maintain a uniform temperature throughout the house. **Here a few steps that can be done to save up to 30% on your energy bills.**



Insulation keeps your home warm in the winter and cool in the summer. There are several common types of insulation — fiberglass (in both batt and blown forms), cellulose, rigid foam board, and spray foam.

Insulation performance is measured by R-value — its ability to resist heat flow. Higher R-values mean more insulating power. Different R-values are recommended for walls, attics, basements and crawlspaces, depending on your area of the country. Insulation works best when air is not moving through or around it. So it is very important to seal air leaks before installing insulation to ensure that you get the best performance from the insulation.

◆ Air Sealing

Air leakage or infiltration, occurs when outside air enters a house randomly through cracks and openings. Properly air sealing such cracks and openings in your home can significantly reduce heating & cooling costs, improve building durability, and create healthier indoor environment.

◆ Adding Attic Insulation

Approximately 40% of all air leaks are in your attic. Properly insulating & air sealing your attic will help reduce your energy bills. Attics are often one of the easiest places in a house to insulate. We recommend JM blown fiberglass insulation to bring your attic up to an R-49.

◆ Basement Ceiling & Bands Joists

Proper insulation in an basement is important because an uninsulated basement can account for as much as 25% heat loss. Whether your basement is unfinished and used for storage , or finished and used for living space, make sure that it is properly insulated with the right amount and kind of insulation

◆ Duct sealing & Insulation

In houses with forced-air heating and cooling systems, ducts are used to distribute conditioned air throughout the house. In a typical house, however, about 20 percent of the air that moves through the duct system is lost due to leaks, holes, and poorly connected ducts. The result is higher utility bills and difficulty keeping the house comfortable, no matter how the thermostat is set.

If your ducts are installed in basements or other unconditioned spaces of the your house, insulating them can be highly advantageous. Because some ducts are concealed in walls and between floors, repairing them can be difficult. However, exposed ducts in attics, basements, crawlspaces, and garages can be repaired by sealing the leaks with duct sealant (also called duct mastic). In addition, insulating ducts that run through spaces that get hot in summer or cold in winter (like attics, garages, or crawlspaces) can save significant energy.

◆ Crawl Spaces

A crawl space is an unfinished, accessible area below the first floor of a building. The main purpose of insulation is to enclose the living space in a thermal envelope. Therefore, if the space below the floor is unconditioned, the floor and walls should be insulated.



◆ Drill & Fill Exterior Walls

Most homes built before 1970 have little or no wall insulation installed. We can insulate the walls in existing homes by drilling 2" holes either inside or outside depending on your home. This allows us to fill the wall cavities completely. We insert wooden plugs in the drilled holes, allowing you to patch and paint as needed.

