CAMERON
HOME INSULATION

Saving Money

How does insulation work?

Insulation works by slowing the transfer of hot and cold temperatures: keeping cool air in your house in the summer, and warm air in your house in the winter. When heat transfer slows, your mechanical heating and cooling systems have to work less often, saving energy.

At Cameron Home Insulation, we think of insulation as a thermostat. It regulates temperatures during year keep cool things cool, and warm things warm. New Insulation in a home has a significant impact, not only on your electric bill during the winter months, but it also guarantees that you don't have to run your air conditioning all summer long. That's because the insulation traps the warmer air that radiates down from the sun and through your roof, preventing the hotter air from escaping the attic area and moving in a downward motion toward the living areas in your home.

Cost Saving Tips

Five signs that will help you to determine if you need new insulation are:

1) You're experiencing inconsistent indoor temperatures throughout your home. Often, this is due to insulation that has shifted in the attic areas, and is allowing cold air or heat into the home. This air leakage sabotages the heating and cooling system's attempts at regulating the indoor temperature.

2) Your monthly energy bills are high.

3) Animal infestation- If squirrels, rats, mice, snakes, opossums, or bats have made your attic or crawl space their latest residence, it's time to replace your insulation.

4) Wet insulation- If the insulation becomes moist, damp, or sopping wet, there is no salvaging the material. It must be replaced immediately. Not only can wet insulation grow mold that releases dangerous toxins into the air, but the moisture causes the insulation to become ineffective.

5) Indoor drafts- There are occasions where, especially in the case of attic insulation, a poorly executed insulation job can allow drafts to enter the home. Homes that do have insulation need an upgrade every three to five years. If you have less than 14 inches of fiberglass insulation in your attic, R-49, your home is currently under insulated. Removing old insulation, air sealing and then adding the proper amount can save you hundreds and even thousands of dollars on your yearly energy costs.

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Not Just for winter

Think of insulation as a thick sweater for the home, separating the warm inside air from the frigid outdoor temperatures. Like a sweater, we pack it up and store it away in a closet when the weather gets hotter and don't think about it again until next fall. During the summer months, insulation acts a barrier preventing heat from entering the home. Thus saving energy and reducing utility costs. At Cameron Home Insulation we often remind our customers that a securely–insulated attic reduces heat transfer by as much as 25% during the summer months. Thus, you're conserving energy, while maintaining a comfortable home environment throughout summertime as well.