The Benefits of Spray Foam

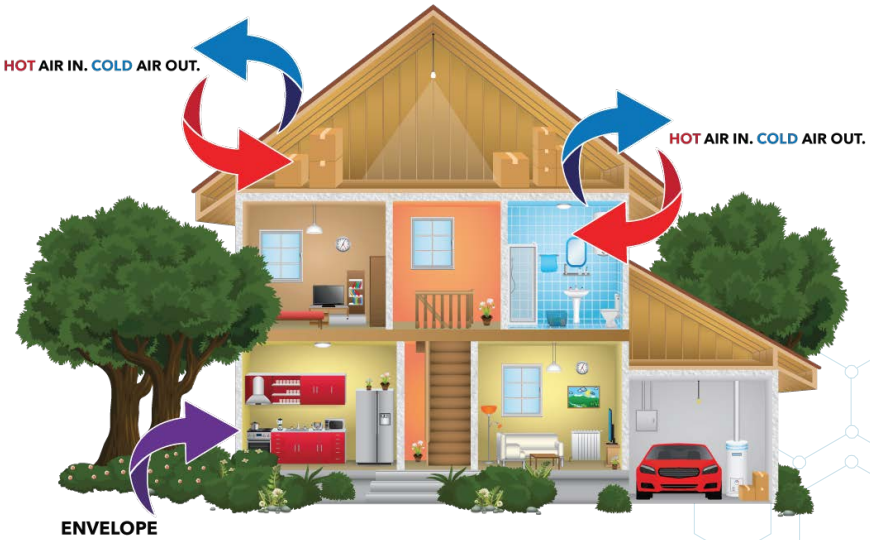
Spray foam is a unique insulation and sealing product. When applied, it conforms to the surface where it is applied. This application process creates a tight building envelope, which improves energy efficiency.

Spray foam is versatile and can seal wall cavities, exterior walls, crawlspaces, attics, and small gaps and cracks throughout a house. Spray foam products can limit air infiltration and air movement throughout the home, which helps reduce energy usage, limits intrusion of pollutants and allergens, and makes the home more comfortable.

Insulate and Seal Your Home

Insulating and air sealing your home will keep conditioned air from leaking outside, which can help lower your energy bills by 5% to 30% per year.

- Spray foam expands as it is applied to seal common gaps and cracks in a home
- Open-Cell and closed cell spray foam and spray foam sealants function as air barriers



The ability of insulation to limit air movement should not be confused with "air sealing". The insulation reduces air movement only within the space it occupies. It will not reduce air movement through other cracks between building parts. For example, controlling air movement within a wall cavity will not stop air that leaks between the foundation and the sill plate or between the wall joists and a window frame.

Add insulation to the attic, crawl space or basement, and exterior walls in conjunction with air sealing to help keep your house cool in the summer and warm in the winter. Increasing your home's insulation is one of the fastest and most cost-effective ways to reduce energy waste.

R-Value is a resistance resistance to heat flow. The higher the R-Value, the greater the insulating power. Ask your seller for the fact sheet on R-Value.

The Benefits of Spray Foam (cont.)

Increase the Structural Integrity of your Home

Spray foam can provide additional building strength and lower maintenance costs which lead to reduced repairs for roofing systems.

Make Your Home More Comfortable

Spray foam decreases drafts and keeps all the rooms in your home the same temperature.

Improves Indoor Air Quality

Spray foam can seal your home to prevent allergens and moisture from entering the building's interior where it is applied.

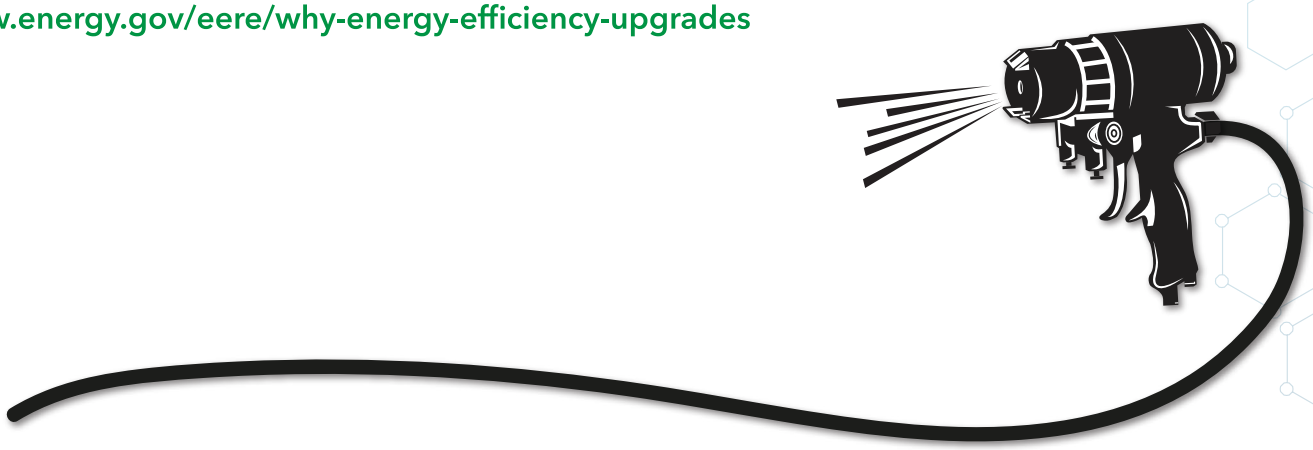
Allows You To Select Smaller HVAC Equipment During New Construction

Spray foam is an effective insulator and air barrier (sealant). Using spray foam makes your home more energy efficient. More efficient homes can use smaller HVAC equipment, leading to additional savings.

Conform To Unique Design of Your Home

Spray foam is applied on site as liquid, which foams as it is applied to the structure. This allows the foam to expand and seal all the nooks and crannies of your home. Spray foam offers design creativity and flexibility by fitting hard-to-reach places or complicated structures, such as domed ceilings.

For more information:
www.energy.gov/eere/why-energy-efficiency-upgrades



Please let us know if you have questions or concerns, so we may address them.
We are here to help.