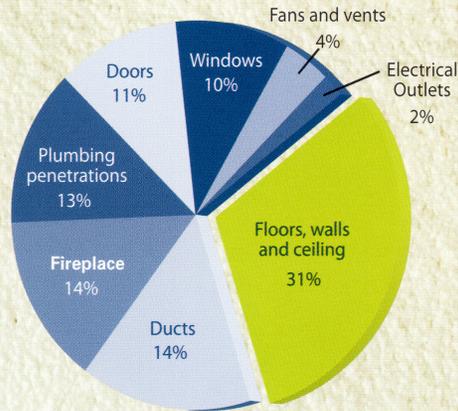


Cost Comparison and Heat Loss

Areas of Air Movement



ROCKY MOUNTAINS Breckenridge, CO

High Altitude, Colder Climate - 2,600 square foot home, facing West

Average Heating and Cooling Costs per Month

Conventionally Insulated Home:	\$267	
HVAC Equipment Required:		5 Tons
FOAM-LOK Insulated Home:	\$133	
HVAC Equipment Required:		3 Tons
Net Monthly Savings with FOAM-LOK Insulation Package:	\$134	

Source: Department of Energy:
www.eere.energy.gov/consumer/tips/air_leaks.html

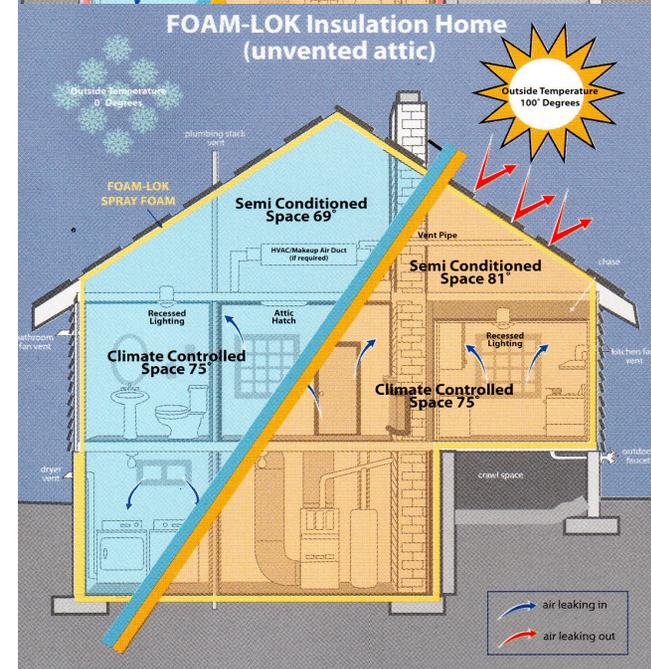
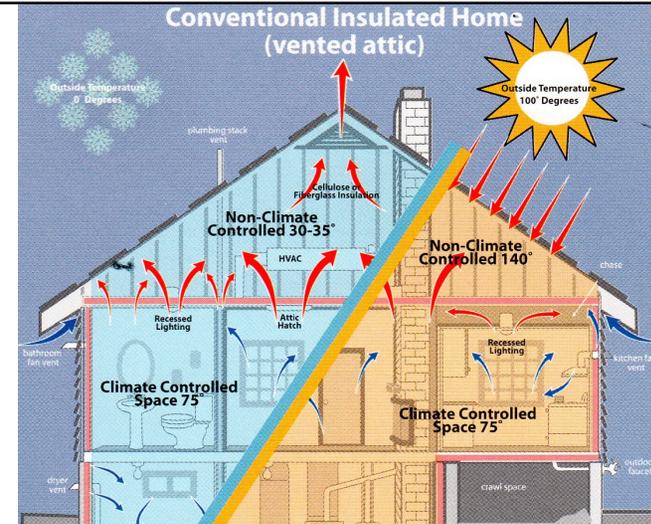
Principles of Heat Transfer

Closed-cell foam effectively blocks the three primary causes of heat transfer (conduction, convection, and radiation) and three secondary mechanisms of heat transfer (air infiltration, air intrusion, and moisture accumulation) of heat transfer, offering insulation efficiencies well beyond that suggested by its high R-value alone. Spray foam's insulation efficiency remains high when other insulations' efficiencies drop due to wind, high temperature differences, and moisture. Spray foam creates a physical barrier between the conditioned space of the building and the elements outside. Blocking things like heat, moisture, air, animals, and pollens while adding structural integrity.

Bauer Spray Foam Insulation

319-521-5257

Rbauer@Bauersprayfoaminsulation.com



Why Closed Cell Insulation?

Outperforms Fiberglass, Closed Cell Foam is 3 times **more efficient** than fiberglass!

Reduces household **energy consumption** by 50% on average

Seals the structure:

- Stopping air leakage and infiltration,
- Creates a vapor retarder at 2 inches of Closed Cell Foam,
- Reduces exterior conditions from polluting interior air,
- Preventing rodents and pests from entering through gaps in the home,
- Reducing noise pollution.

Improves air quality by reducing the potential for mold, mildew, dust, *allergens* and *pollen* from entering the home.

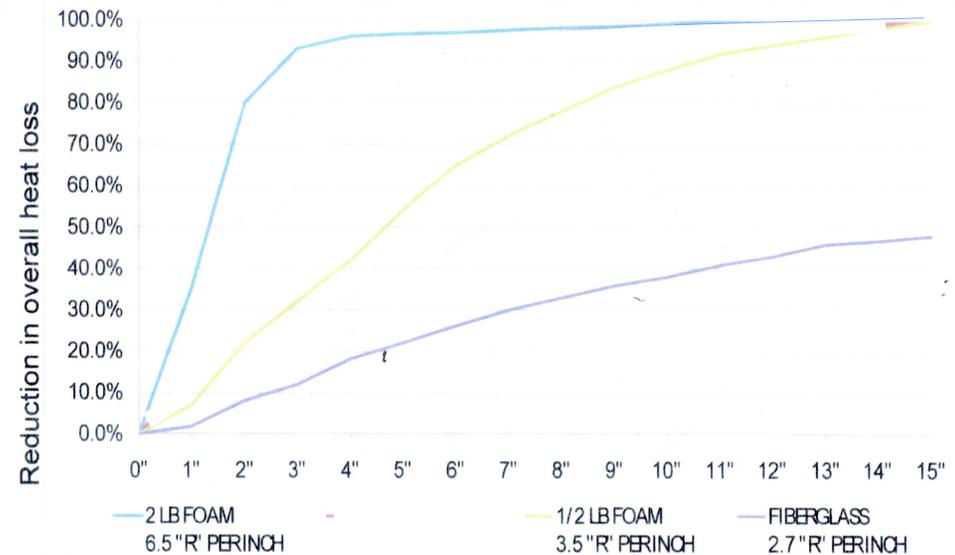
Increases structural integrity making buildings **safer** during storms and **flooding!** (FEMA APPROVED)

Pays for itself in just 3-5 years.

What 2 inches of Closed Cell Foam will do:

1. Insulation and Air Barrier
2. Vapor Barrier
3. Adds Structural Strength
4. Deflect water and reject bulk water
5. Can NOT sustain mold

How Much Foam?



New Construction Benefits

Incorporating spray foam into your building plan before framing allows you to build with 2x4 studs as apposed to 2x6 allowing for a cost savings on material. You will save enough to have spray foam installed for the same price as you would a house with 2x6 studs and fiberglass insulation. The finished product will be just as strong if not stronger as a 2x6 stud constructed home with fiberglass insulation. Spray foam insulation allows you to reach an R-21 value in just 3 inches exceeding most building codes.