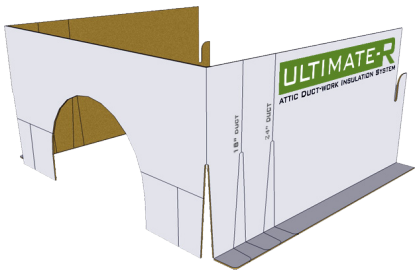
ULTIMATE-R

ATTIC DUCT-WORK INSULATION SYSTEM



"30% of all heating and cooling is lost through either air leakage or inadequately insulated duct work. Ultimate-R has the potential to make a major impact on this industry." -Rolf Butters, Industrial Specialist, U.S. Department of Energy

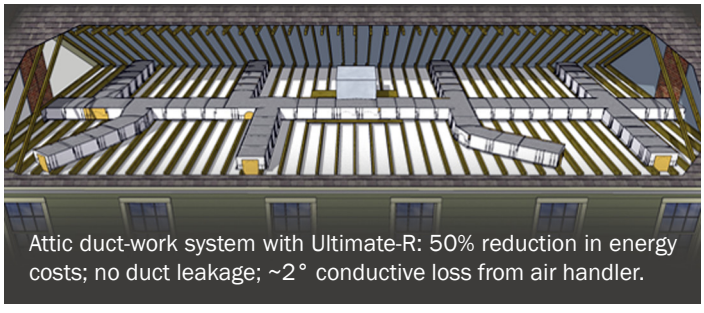
THE PROBLEM:

Residential HVAC usage is one of the largest contributing factors in reaching the peak electricity load in many states. According to the U.S. Department of Energy, attic duct-work systems lose 25-40% of the heating or cooling energy put out by the HVAC unit. Typical households spend between $1000-$1900 a year on energy bills. With energy costs rising, these figures will grow exponentially.

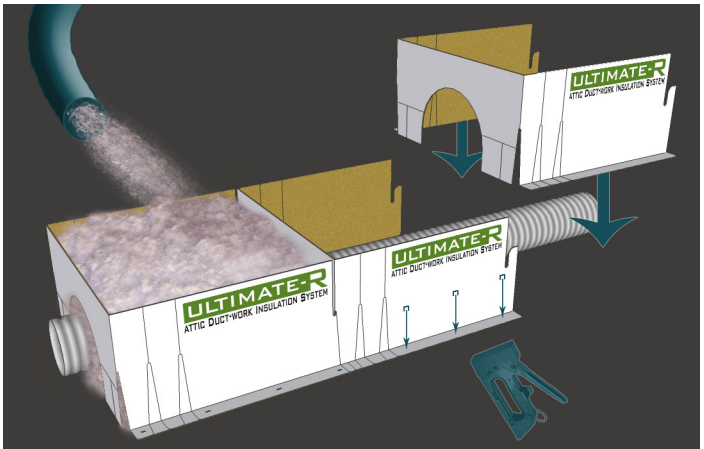
THE ULTIMATE-R SOLUTION:

Ultimate-R is an exciting new insulation containment system which is installed over supply and return air ducts in attics. This system consists of a series of moisture-resistant, light-weight compartments placed around uninsulated or inadequately insulated HVAC ducts, providing a channel for a maximum amount of loose fill insulation around the ducts. It can potentially add up to an R-38 value of additional insulation to HVAC ducts installed in new or existing or homes.

Ultimate-R is simple and quick to install, either by professionals or do-it-yourselfers. The result is reduced conductive and convective energy losses in both summer and winter, saving homeowners a substantial amount of energy and money – users may even be eligible for tax credits or utility rebates and incentives.



Attic duct-work system with Ultimate-R: 50% reduction in energy costs; no duct leakage; ~2° conductive loss from air handler.



Installation process: unfold Ultimate-R; fit cells over duct-work; staple to joists; blow in loose fill insulation; start saving!

- **Easy to install**; no special tools needed.
- Encapsulates attic ductwork with insulation value up to **R-38**.
- Costs **$300** for the average home installation.
- Reduces energy costs up to **50%**.
- Offers up to **100% immediate return** on investment in the first year.
- Provides efficient energy distribution, **improving air comfort** inside the home.
- Helps **lower energy usage** during peak times.
- **Award-winning technology** endorsed by the U.S. Department of Energy (DOE).

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