Just look at these money-saving, comfort-enhancing, health-promoting, Earth-saving reasons for owning a David Weekley EnergySaver home.

Ductwork and Plenums Sealed With Hard Cast Mastic

Ordinary homes typically use a tape and duct strap method to attach their ductwork. We generously apply a silicate/zinc mastic to the metal connection collars and ducts. We apply the same mastic to all corners, seams and crevices on plenums, instead of just taping them as many other builders do. The result is a largely improved duct system with a very low leakage rate. Similarly, the dryer vent is sealed in the same fashion, directing all of the moist air out of the home when you dry your clothes. Again, these are extra steps we take to save you money year after year.

Jump Ducts and Air Pressure Balancing

A jump duct is a flexible duct that connects a bedroom or closed room to an open space in the home. This allows the air coming into the closed room to be pushed through the jump ducts (by air pressure) into common areas. This "air blending" helps even out temperatures in your home and also helps the air conditioning system operate more efficiently. You can close your bedroom doors and stay comfortable in a David Weekley EnergySaver home. We think that's a lot better than those large gaps between the door and the floor that other builders are using.

Improved Thermal Envelope System

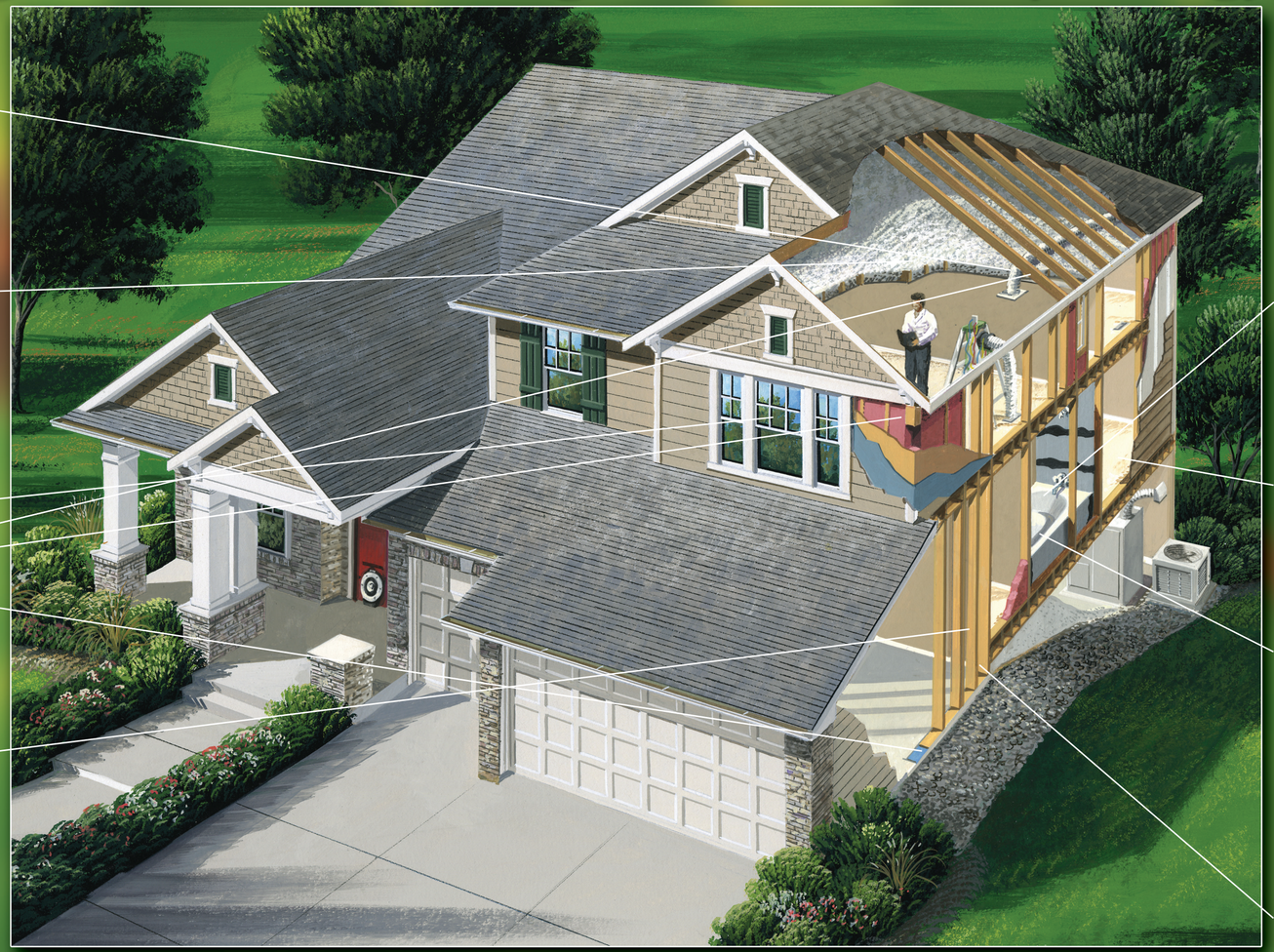
The thermal envelope can be defined as the sum total of the parts of a building separating the exterior environment from the interior. Within this envelope, windows are one of the biggest energy drains. David Weekley Homes minimizes this loss with Low-E2 energy-efficient glass. Blown-in insulation plays an integral role in protecting you from outside temperature extremes. A R-23 wall system (in 2x6 walls) coupled with R-38 insulation in the attic helps you maintain control of your indoor temperature. Sill Seal foam gaskets between the framing and concrete foundation complete the envelope for a well-designed EnergySaver home.

Recycled Materials

Excess building materials re-engineered into stronger, superior products help save a little bit of the environment and deliver a better home. Our finger-jointed dimensional framing materials are a good example. By recycling short pieces of wood and engineering it, we use wood that actually is stronger and stays straighter than conventional wood. We also use a BCI Joist system, which is made from engineered wood. This product eliminates waste associated with unusable lumber, uses 50% less wood than ordinary lumber, and is stronger and more reliable.

92% Efficient Furnace

As home energy costs continue to rise, why waste those dollars? These furnaces are some of the best on the market, rated ENERGY STAR®, having sealed combustion. This is a closed system which brings in outside air to burn, and exhausts directly back outside.



Fresh Air Ventilation

Indoor air quality is an essential component of every David Weekley EnergySaver home. Our construction methods create a tighter environment with reduced drafts. You might be surprised to learn that the Homeowner is often the biggest contributor to poor indoor air quality. The EPA says concentrations of toxic pollutants can be up to 100 times greater inside a home than outside — even in the smoggiest cities. Where does all this indoor pollution come from? Litter boxes, trash cans, cooking, smoking, even candles, which is why you'll breathe easier with our fresh air ventilation system.

Water Management

Managing clean, potable water is a crucial part of our EnergySaver home program. By using water-saving or low-flow shower heads and faucets, high-performance commodes and energy-efficient dishwashers, we give you the ability to reduce internal water usage and help conserve our most precious resource.

Performance Verification

Each and every home we build in our EnergySaver program is required to undergo independent third-party performance verification inspections. While many of the green products installed in a home can be easily identified, it's not so easy to judge the quality of installation. This can make a big difference in the performance of your home and its effect on your pocketbook.

Cement Board Tile Backer and Anti-fracture Coatings

Mold likes paper as food. Drywall (a paper-backed product) is commonly used behind tile in shower and bath areas. We use cement-based James Hardie® products instead of drywall. We also fill the cement board seams with a rubber-like product called anti-fracture membrane to reduce the prospect of water damage when tile is no longer "water tight."

Advanced Framing

Advanced Framing is the intelligent use of lumber in wood framing. This method utilizes stacked framing, where components of the frame align on top of each other which efficiently transfers the load or weight down to the foundation, increasing the home's strength. In addition the use of durable, 2x6 exterior wall framing allows for almost 50% more insulation in the walls. Our Advanced Framing technique saves on lumber, supports better insulation and reduces the occurrence of drywall cracking – giving you a tighter, quieter, more energy-efficient home.