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

High-performance Air Conditioning and Hard-cast Sealed Ductwork

Our very efficient 14.5 SEER air conditioning system cools your home with less electricity. Less electricity means less money out of your pocket and reduced power company emissions. Also, to avoid unnecessary cooling of your attic, we've cut ductwork leakage from 20% to less than 3%. Unless you have a good reason to cool your attic, you'll enjoy the opportunity to save on energy usage – especially the impact it can have on your bills.

Jump Ducts and Air Pressure Balancing

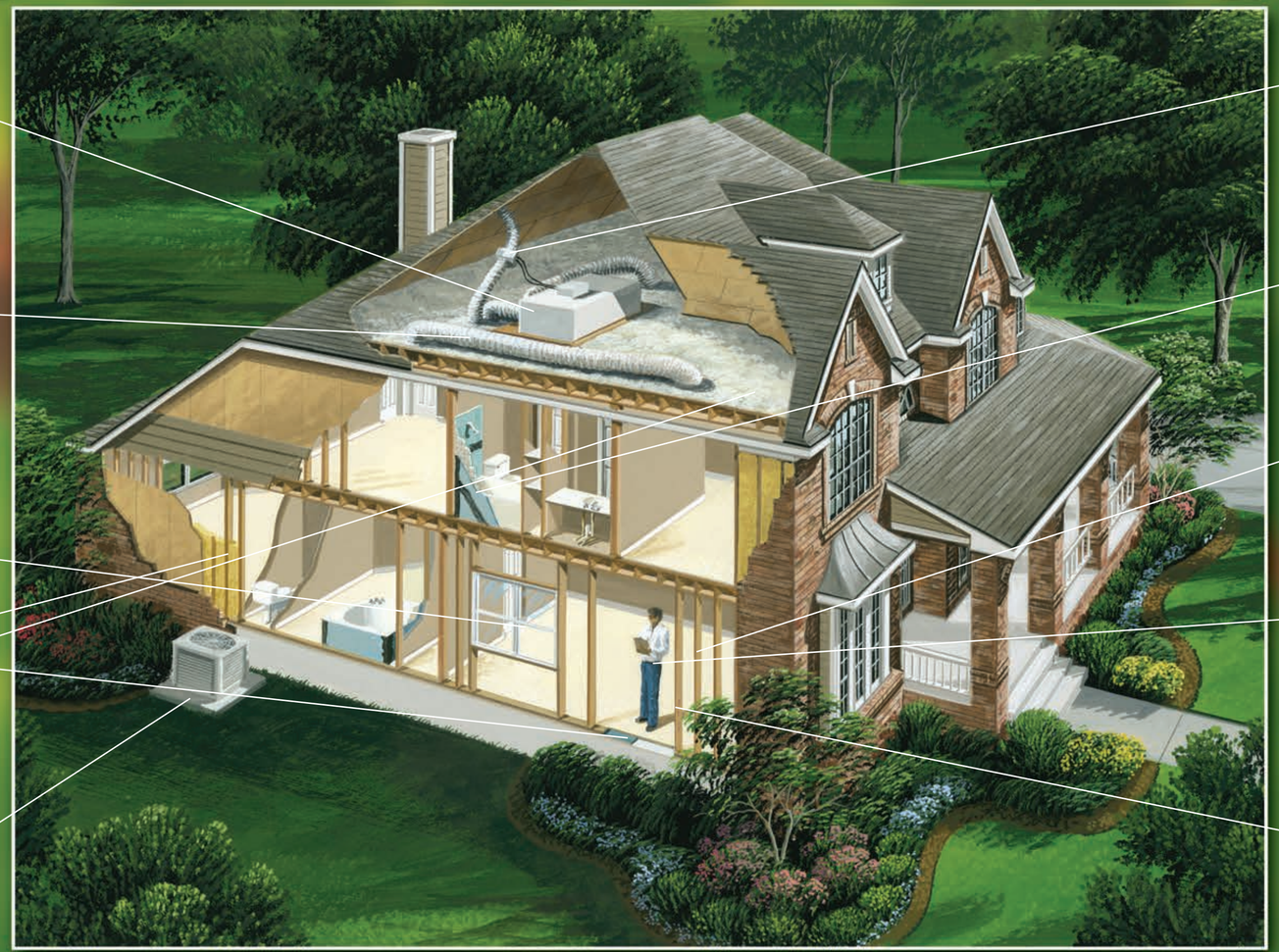
A jump duct is a flexible duct that connects a bedroom or closed room to an open space in the home. This allows the air coming into this closed room to be pushed through the jump ducts (by air pressure) into common areas. This "air blending" helps even out temperatures in your home and also helps the 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-E energy-efficient glass. And we use non-metal window frames because metal ones radiate heat and can sweat in humidity. Insulation plays an integral role in protecting you from outside temperature extremes. A R-19 wall system coupled with R-30 blown-in 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

Bigger is No Longer Better in Air Conditioning

Leaky walls and bad windows once meant huge air conditioning systems. The superior David Weekley Homes building envelope and more efficient ductwork require a smaller air conditioning system. The two main goals of air conditioning are to cool and to dehumidify air for optimum comfort. Our air conditioning systems are sized right and carefully designed using ASHRAE Manual J standards to avoid "short-cycling," meaning they won't shut off before drying the air. You're more comfortable and able to control energy usage better by cooling with a smaller system.



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.

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 and nail holes with a rubber-like product called anti-fracture membrane to reduce the prospect of water damage when tile is no longer "water tight."

Engineered Wood Products

The use of engineered wood products, "I" joist, laminated structural framing components, AdvanTech® floor sheathing, and ZIP System™ wall exterior sheathing reduce the amount of trees that have to be harvested, therefore reducing the impact on the environment.

Performance Verification

Each and every home we build in our green 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.

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.