

Just about everything. But here are some big differences.

Combustion Gas Safety

Combustion appliances in the conditioned air space are sealed or power vented to help avoid buildup of harmful carbon monoxide.

Vented Cooking Spaces

Our kitchens are designed to remove moisture and fumes by venting the cooking surfaces directly outside.

Environmentally-friendly Refrigerant

We help protect the Earth's ozone layer by using R-410 refrigerant in our air conditioning systems.

Tankless Water Heaters

With a standard water heater, you heat and reheat the same water even when you're sleeping. The tankless water heater is a more efficient way to heat water. It heats water quickly and delivers an abundant supply of hot water, so you only pay for what you use. Tankless water heaters are up to 50% more energy efficient than a traditional natural gas water heater and up to 70% more efficient than an electric water heater.

Carbon Monoxide Detectors

Carbon monoxide: it's odorless, colorless and deadly. Every David Weekley EnergySaver home comes with carbon monoxide detectors.

Home Energy Rating System (HERS®)

The HERS Index is a scoring system established by the Residential Energy Services Network (RESNET) that measures the energy performance of a home, and is used to compare the relative energy efficiency of different homes. The lower your home's HERS Index, the more energy efficient it is. A David Weekley EnergySaver home in Charleston averages a 61 on the HERS Index!

And here's some more green you might not have seen...

Environments For Living® Platinum Level Program

Environmentally-friendly Termite Bait System

A termite control system focused on ending the ability of termites to eat, reproduce and survive.

PEX Plumbing System

We looked at the alternatives to copper plumbing and found that PEX doesn't condensate in walls easily, doesn't corrode and resists that old "bang, bang, bang" sound known as water hammer.

Insulation

The Johns Manville Formaldehyde-free™ fiberglass insulation we use is made from recycled glass.

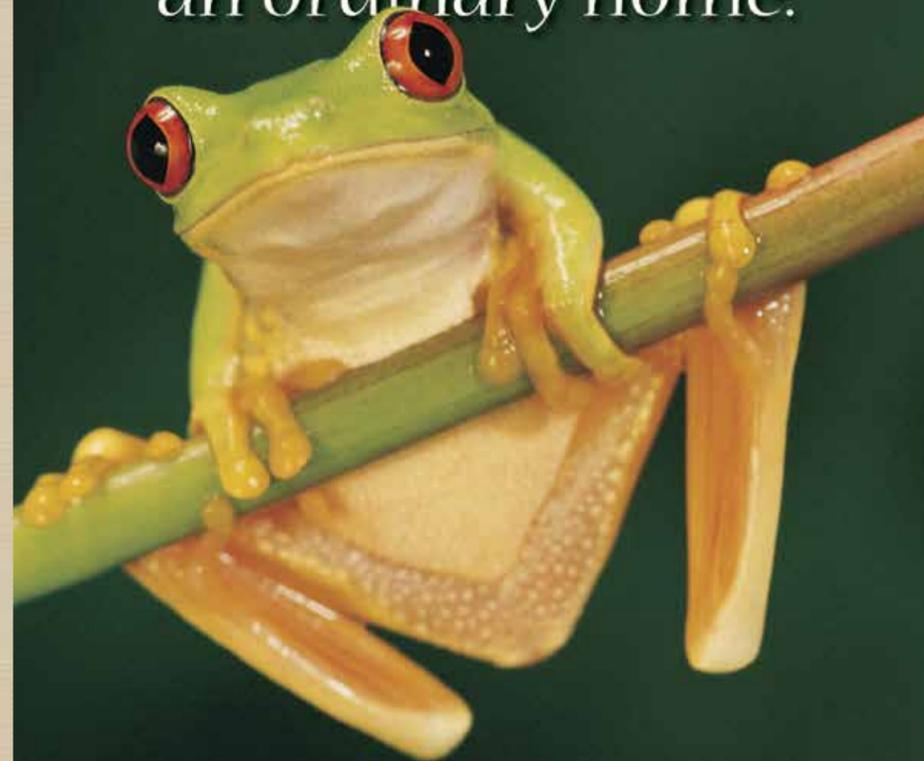
Third-party Inspections

The more eyes, the better. We perform unbiased inspections on your wall insulation, thermal envelope and HVAC ductwork prior to drywall installation. As part of the inspection process, your home will receive an *Environments For Living* energy audit which utilizes a thermal bypass inspection, a duct pressurization and blower door test. The duct pressurization test is performed on your HVAC's ductwork before drywall is installed to verify duct leakage is equal to or less than 3%, one of the key components ensuring your home qualifies for *Environments For Living* Energy-Efficient Certification. A blower door test is done after drywall is installed to check the tightness of the home.

"David Weekley EnergySaver™ Homes" is a trademark of Weekley Homes, LLC., which describes certain features and criteria designed to reduce energy consumption and the resulting environmental impact. It does not infer sponsorship, approval, or affiliation with any other program or green building certification other than those specifically stated in the product features, warranty or contract. *Environments For Living* is a registered service mark of TopBuild Home Services. All-electric homes may not currently qualify for *Environments For Living* certification or the heating and cooling usage guarantee. See a David Weekley Homes Sales Consultant for details. Prices, plans, dimensions, features, specifications, materials, and availability of homes or communities are subject to change without notice or obligation. Illustrations are artist's depictions only and may differ from completed improvements. Copyright © 2020 David Weekley Homes - All Rights Reserved. Charleston, SC (CSC-20-001287)



Read this brochure and you'll never even consider owning an ordinary home.



What exactly is a David Weekley EnergySaver™ home in Charleston? It's a home that is friendlier to you, the environment and your pocketbook. Reduced energy consumption actually makes an EnergySaver home less expensive to own. In fact, our homes are on average 39% more energy efficient than a home built in 2006. It's what we call a "win-win-win." Invest your housing dollars more wisely. Help the environment. Live more comfortably. All of which can help make your David Weekley EnergySaver home easier to resell. Because from now on, any home that isn't green may be obsolete.

Going green has never made more sense.



What makes David Weekley's EnergySaver home a better investment?

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 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.

Radiant Barrier

Our radiant barrier decking (under shingled roofs) keeps your attic cooler by deflecting heat from the sun. A cooler attic environment improves the operating efficiency of your air conditioning system. This helps lower your utility usage.

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 vinyl window frames because metal ones radiate heat and can sweat in humidity. Insulation plays an integral role in protecting you from outside temperature extremes. An R-19 wall system coupled with R-38 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. David Weekley Homes air conditioning systems are right sized and carefully designed using ACCA 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 and controlled fresh air ventilation. 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.

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.

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.

Waterproofing Membrane Tile Backer

Mold likes paper as food. Drywall (a paper-backed product) is commonly used behind tile in shower and bath areas. We use waterproofing membrane Schluter®-KERDI products instead of drywall. These products also feature a vapor retarder with limited crack-bridging capabilities.