



EnergySmart
ZERO

Comfort and energy savings, redefined.



Your EnergySmart Zero® Home

- Solar-ready
- ENERGY STAR® certified dishwasher, refrigerator and bathroom fans
- SmartComfort® by Carrier high efficiency air system
- Rheem® hybrid water heater
- ecobee® programmable thermostat
- Water-saving bathroom faucets and showerheads
- Argon gas low-E windows
- Insulated doors
- LED lighting
- Carpet, adhesives and pads meeting CRI® Green Label Plus standards
- Additional home insulation
- Sealed duct system
- Whole house ventilation system
- Dehumidifier-ready in humid climates
- Built to meet the U.S. Department of Energy's Zero Energy Ready Home standards

Average Energy Costs

Even if you don't add solar panels right away, our EnergySmart Zero® homes are **40% to 50%** more energy efficient* than a typical new home. Who knew saving money could be so easy?

Phoenix, AX

EnergySmart Zero® Home
\$793/year

Charlotte, NC

EnergySmart Zero® Home
\$906/year

Dallas, TX

EnergySmart Zero® Home
\$1,007/year

Sacramento, CA

EnergySmart Zero® Home
\$1,705/year

*https://www.energy.gov/sites/default/files/2022-11/ZERH%20Name%20and%20Logo%20Use%20Guidelines_0.pdf

Energy savings are based on electrical and gas energy consumption using NREL® BEopt® to estimate annual energy consumption of a 56' multi-section home certified as a DOE Zero Energy Ready home. Estimates for CA, CO, ID and PA are based on the use of a gas furnace for supplemental heat.



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What does “EnergySmart Zero®” mean?

A EnergySmart Zero® home is built to the US Department of Energy’s high-performing energy-efficient standards. It is solar-ready and built to add a renewable energy system, like solar panels, if you choose to add them after purchase.

Why is Clayton building EnergySmart Zero® homes?

We’re committed to *Doing good* for our homeowners and our planet. EnergySmart Zero® homes consume less energy, resulting in lower utility bills and more affordable home-ownership.

Less energy consumption also decreases carbon emissions. With US residential households responsible for 20% of our country’s carbon emissions,¹ building EnergySmart Zero® homes that lessen our carbon footprint is also the right thing to do for our environment.

How much can I save on my utility bill?

EnergySmart Zero® homes are incredibly energy efficient, even meeting and exceeding ENERGY STAR® standards. Compared to traditional manufactured homes, EnergySmart Zero® homes can reduce your monthly utility bill on average by 40%.²

If combined with a renewable energy source like solar panels, the home can offset up to 100% of its annual energy use, meaning it generates the power it consumes. This is referred to as a “net zero” home.

How do I add solar panels to my home?

The US Department of Energy provides a helpful homeowner’s guide to going solar: www.energy.gov/eere/solar/homeowners-guide-going-solar

What makes my home so energy efficient?

Your home is built with energy-efficient features such as low-E windows, insulated doors, extra insulation, and

ENERGY STAR® appliances, including a SmartComfort® by Carrier heat pump and a Rheem® hybrid heat pump water heater.

How do air source heat pumps work?

Traditional furnaces and hot water heaters require a constant heat source to create warm or cold air and hot water. Air source heat pumps, on the other hand, extract heat from the air and uses a compressor and refrigerant to generate heat. This conversion process is highly energy efficient, using half as much energy on average as other electric home-heating and cooling sources.¹

How does a heat pump keep my home cool during summer?

Heat pumps provide both heating and cooling by moving heat into your home during cold weather, then reversing the process to move heat and humidity outside your home during warmer weather.

Do heat pumps work well in cold weather climates?

A heat pump will keep your home comfortably warm in the winter. Your SmartComfort® by Carrier heat pump serves as the primary source of heating for your home and uses a built-in supplemental heating source if needed. Your heat pump model was specifically chosen based on your climate conditions and home size, which allows the heat pump to work more efficiently.³

Are heat pumps noisy?

Your Rheem® hybrid heat pump water heater has a sound rating of 49 decibels, which is similar to a refrigerator.⁴

Do I need to run a dehumidifier with a heat pump?

Heat pumps dehumidify the air as it cools your home, so they do not require a dehumidifier. If you choose to add one, your home has a designated dehumidifier area with built-in drain.

¹ <https://www.eia.gov/analysis/studies/buildings/households/>

² https://www.energy.gov/sites/default/files/2022-11/ZERH%20Name%20and%20Logo%20Use%20Guidelines_0.pdf

³ <https://www.energy.gov/energysaver/heat-and-cool/heat-pump-systems>