



What is an eBuilt™ Home?

An eBuilt™ home is built to the US Department of Energy's ZERO ENERGY READY HOME™ manufactured home standards. High-performing and energy efficient, it is built to add a renewable solar energy system if you choose to do so after purchase.

How much can I save on my utility bill?

eBuilt™ homes are incredibly energy efficient, even meeting and exceeding ENERGY STAR® standards. Compared to traditional manufactured homes, eBuilt™ homes can reduce your annual utility bill on average by 40-50%.¹

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 eBuilt™ 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 HVAC 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.³

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.

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. In some climate areas,⁴ homes may include a designated dehumidifier area with a built-in drain for easy installation if you choose to add one.

Are heat pump water heaters noisy?

Your Rheem® hybrid heat pump water heater has a sound rating of 49 decibels, which is similar to a refrigerator.⁵

Sources

¹ https://www.energy.gov/sites/default/files/2022-11/ZERH%20Name%20and%20Logo%20Use%20Guidelines_0.pdf

² Energy savings are based on electrical energy consumption using NREL® BEopt™ to estimate annual electrical energy consumption of a home built to DOE Zero Energy Ready Home™ guidelines compared to the same home built only to industry and HUD standards in the cities listed.

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

⁴ <https://www.manufacturedhousing.org/thermal-map/>

⁵ <https://ehs.yale.edu/sites/default/files/files/decibel-level-chart.pdf>

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