EPS
EnergyPerformanceScore
brought to you by Energy Trust of Oregon

EPS is a tool to assess a home's energy consumption, cost and carbon footprint.

EPS™ is an energy performance score that measures and rates the energy consumption and carbon footprint of a newly constructed home. The lower the score, the better—a low EPS identifies a home as energy efficient with a smaller carbon footprint and lower energy costs.

This Home Built To:
ENERGY STAR®

MANUFACTURER: Fleetwood
MODEL NO: Barrington
EPS ISSUE DATE: 11-15-2015

Estimated energy costs based on energy rates of $0.10/kWh.

Estimated Monthly Energy Costs

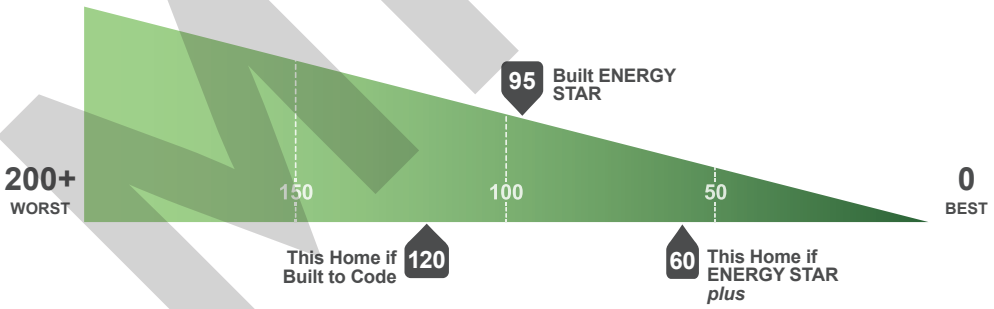
$138*

Estimated average annual energy costs:
$1,650*

Energy Score

95

ENERGY SCALE:



Based on estimated average annual energy usage: Electric (kWh): 12,651*

CARBON FOOTPRINT:

Measured in tons of carbon dioxide per year (tons/yr). One ton ≈ 2,000 miles driven by one car (typical 21 mpg car).

*Actual energy costs are based on many factors such as occupant behavior and weather. A home's EPS takes into account the energy-efficient features installed in the home, but does not account for occupant behavior.

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+ Energy-efficient features that contribute to this home's score:

Insulated Ceiling: R-40
Insulated Walls: R-21
Insulated Floors: R-33
Efficient Windows: U-0.35
Efficient Lighting: 80%
Water Heater: 0.93 EF
Space Heating: Furnace - Efficient
Envelope Tightness: 5 ACH @ 50Pa

What was considered in developing this score?

A home's EPS is based on the energy-efficient features listed above as well as the home's size and specific design. Improvements and updates made to the home after the issue date will impact its EPS. EPS does not factor in occupant behavior, and as a result, actual energy costs may vary.

USEFUL TERMINOLOGY

Energy-efficient features

R-Value: Rates the efficiency of insulation; a higher R-Value signals improved performance of floor, ceiling and wall insulation.

U-Value: Indicates the rate of heat loss in windows; a lower U-Value demonstrates the effectiveness of a window, resulting in a more comfortable home.

ACH @ 50Pa: Total air changes per hour at 50 pascals; a low number signifies a properly-sealed home with fewer air leaks.

EF: Energy Factor for water heaters or appliances; the higher the EF, the more energy efficient the model.

Energy score

A home's EPS is shown on an energy scale that ranges from zero to 200+ and is based on home energy use of natural gas or electricity.

Carbon footprint

A home's energy consumption affects carbon emissions and impacts the environment. The carbon calculation for EPS is based on emissions from the utility-specific electricity generation method and natural gas consumption of the home.

ENERGY STAR: An ENERGY STAR qualified home is highly energy efficient with lower monthly operating costs and complies with national ENERGY STAR construction requirements.

ENERGY STAR *plus:* An ENERGY STAR qualified home made even more enegy efficient with an installed heat pump heating system.

Brought to you by Energy Trust of Oregon

Energy Trust developed EPS to educate about energy efficiency and provide a tool to help inform home-buying decisions.

For more information about EPS, contact Energy Trust at **1.866.368.7878** or visit **www.energytrust.org/score**.

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