



Construction by  
MHI Residential Inc.  
(ROC #149764)



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[homewithsrp.com](http://homewithsrp.com)

## Designed to build memories and savings with SRP ENERGY STAR® Homes and FSL Real Estate Services and City of Phoenix



## SRP ENERGY STAR HOMES

Purchasing a new home is a big investment, so you want to be sure that it's built to last. With an SRP ENERGY STAR Home, that means starting with a fully integrated approach to building. This comprehensive method delivers efficient systems that work together to provide better performance and an overall superior level of quality.

## WHY WE PARTNER WITH ENERGY STAR

ENERGY STAR is a nationally recognized symbol for energy efficiency, backed by the U.S. Environmental Protection Agency (EPA). The ENERGY STAR label means that your new home has been designed, built and inspected to standards well above most other homes on the market today — giving you comfort and savings under one roof.



## HOW WE MEASURE HOME ENERGY EFFICIENCY

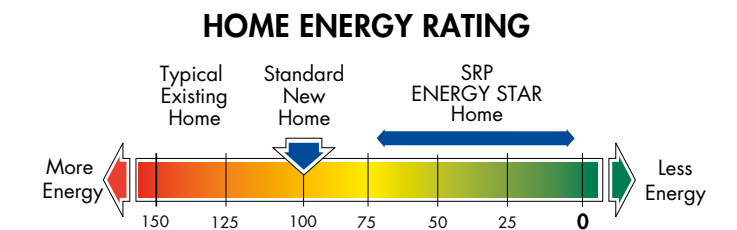
The SRP ENERGY STAR Homes program uses the Home Energy Rating System (HERS) Index to measure the efficiency of every new home in the program. Developed by the Residential Energy Services Network (RESNET), the HERS Index is the industry standard by which a home's energy efficiency is measured and is the nationally recognized system for inspecting and calculating a home's energy performance.

A certified RESNET Home Energy Rater enters each home's specific characteristics into a computer program that simulates the home's



energy use. The home receives a score between 100 and 0 based on its performance. A lower number represents a more energy-efficient home.

The U.S. Department of Energy has determined that a typical resale home scores 130 on the HERS Index, while a standard new home is awarded a rating of 100. Therefore, a home that scores 70 on the HERS Index is 30% MORE energy efficient than a standard new home. Most homes in the SRP ENERGY STAR Homes program score 70 or less on the HERS Index.



## HOMEOWNER BENEFITS

**Savings:** Homes that earn the SRP ENERGY STAR label use 25% to 50% less energy and 20% less water than typical new homes built to meet today's codes. They save even more when compared with most resale homes on the market.

**Comfort:** Well-insulated homes with properly sized and tested heating, ventilation and air-conditioning (HVAC) systems have an easier time maintaining desired indoor temperatures, providing you with greater year-round comfort.

**Health:** Tightly sealed homes minimize unfiltered outdoor-air infiltration through windows, walls and air-conditioning ductwork, greatly reducing allergens and dust particulates in your new home.

**Peace of mind:** Third-party testing and inspections in accordance with ENERGY STAR's rigorous Version 3 guidelines ensure your home will be energy efficient, comfortable, healthy and durable.

**Quality construction:** SRP ENERGY STAR Homes combine a well-designed thermal enclosure, a properly sized HVAC system, and high-performance lighting, appliances and plumbing fixtures into a complete package that results in a home that is simply better.

**Environment:** These homes use less energy and water, which helps you play an important part in conserving valuable resources.

WHY CHOOSE AN SRP ENERGY STAR HOME?

## SRP ENERGY STAR HOME FEATURES

**Thermal enclosure:** Comprehensive air sealing, properly installed insulation and high-performance windows work together in an SRP ENERGY STAR Home to deliver better comfort, better durability and lower monthly bills. Our builder partners must meet a long list of rigorous requirements to ensure that:

- ◆ Your new home is tightly sealed to reduce leaks and drafts
- ◆ Wall and roof framing members are insulated from the elements to minimize thermal bridging
- ◆ Correct insulation levels are selected to provide whole-house comfort
- ◆ Insulation is installed properly to deliver the best performance
- ◆ High-performance windows are selected to keep heat gain under control



**Heating and cooling:** SRP ENERGY STAR Homes come equipped with HVAC systems that are designed, installed and tested to optimize performance, lower utility bills, keep you more comfortable, provide better moisture control and ensure that:

- ◆ Heating and cooling equipment and associated ductwork are sized and installed correctly
- ◆ Air conditioners and heat pumps exceed the national standard, with a minimum 14 SEER (Seasonal Energy Efficiency Ratio)
- ◆ Ducts are properly sealed to reduce air leakage, comfort problems and expenses
- ◆ A whole-house mechanical ventilation system is provided to draw in filtered outside air and flush out indoor air pollutants



## FSL Real Estate Services and City of Phoenix South Phoenix Village

ANNUAL ENERGY COSTS HERS Index scores for the plans below range from: <b>50 to 51</b>	HEATING	COOLING	WATER HEATING	LIGHTING AND APPLIANCES	SERVICE CHARGE	ANNUAL TOTAL*	Monthly Average	Monthly Summer Average**	Monthly Winter Average
	<b>Sunset</b> 1,314 sq. ft.	\$ 55	\$ 300	\$ 35	\$ 476	\$ 237	\$ 1,104	\$ 92	\$ 103
<b>Summit</b> 1,470 sq. ft.	\$ 43	\$ 339	\$ 40	\$ 517	\$ 237	\$ 1,176	\$ 98	\$ 112	\$ 75
<b>Skyline</b> 1,690 sq. ft.	\$ 70	\$ 392	\$ 40	\$ 538	\$ 237	\$ 1,277	\$ 106	\$ 120	\$ 83

\*Your actual energy costs may be higher or lower than those illustrated, depending on your individual lifestyle, the number of people living in the house and SRP's fuel cost adjustment factor. SRP reviews this adjustment factor every six months, with any changes made effective May 1 and/or Nov. 1.

\*\*Summer averages are based on six months of usage, May through October. July and August bills are at the highest summer rates and may be double the average stated above. Please refer to [srpnet.com](http://srpnet.com) for more information about residential rates and plans.

### Energy-saving features

- ◆ High-efficiency 16 SEER air conditioner
- ◆ R-19 composite wall insulation
- ◆ Energy-efficient CFL lighting
- ◆ Spray foam ceiling insulation
- ◆ Low-E dual-pane windows
- ◆ Energy-efficient water heater
- ◆ Programmable thermostats
- ◆ Covered patio

### Assumptions

Temperature settings: 78° summer, 70° winter

### Lighting and appliances:

During construction, our builder partners select efficient lighting and appliances to create a complete energy-efficient package that delivers better performance, provides better quality, helps you save on your energy bill and ensures that:

- ◆ ENERGY STAR-labeled bulbs and fixtures are tested to meet strict energy efficiency and quality guidelines and come with at least a two-year warranty
- ◆ ENERGY STAR-labeled appliances use advanced technologies to minimize energy and water use



### Plumbing and water efficiency:

In the desert, water is one of our most precious resources, which is why SRP ENERGY STAR Homes are required to meet water efficiency standards to help ensure that:

- ◆ Bathroom fixtures have the WaterSense® label or equivalent water-use ratings
- ◆ Household water consumption is reduced by roughly 4,000 gallons or more per year

### Moisture control:

The ENERGY STAR Homes program offers a comprehensive package of water management practices and materials that help protect your home from water damage and reduce the risk of indoor air quality problems. This helps ensure that:

- ◆ Water is directed off the roof, down the walls and away from the foundation
- ◆ Your home is built with moisture-resistant barriers to prevent water damage
- ◆ Building materials are protected during construction to minimize the possibility of mold and rotting

### Testing and inspection:

SRP ENERGY STAR Homes are independently inspected, tested and certified by RESNET. Inspectors work with our builder partners throughout the construction process to ensure that:

- ◆ Your new home has the appropriate energy-efficient features for this climate
- ◆ Critical construction details are verified at different building stages