

# Top Quality and Energy Performance



Simonton® Impressions® 9800 Series



*“Energy efficient!  
Windows are great! Energy  
saving and noise reduction!”*

FLORIDA HOMEOWNER TESTIMONIAL

★ **RATED #1** ★  
**in Highest Overall Quality**  
Vinyl Windows Category  
2020 • 2013 • 2009 • 2007 • 2002 • 1998  
**Builder**  
Annual Builder Brand Use Study

Simonton® windows and doors have been rated **highest in overall vinyl quality six times by the Builder Brand Use Survey** and are continually recognized by both homeowners and building professionals for outstanding performance, exceptional quality, and **best-in-class energy efficiency**.

Select Simonton Impressions® 9800 windows have been awarded **ENERGY STAR® Most Efficient for 2021**. The Most Efficient distinction identifies products that offer cutting-edge energy efficiency and represents the best performing ENERGY STAR windows available.

According to energystar.gov, **triple-pane ENERGY STAR certified windows** can save homeowners **as much as \$580 a year** when they replace old single-pane windows.\*



\*Ranges are based on the average savings among homes in modeled cities. Actual savings will vary based on local climate conditions, utility rates, and individual home characteristics.

# The Most Energy-Efficient Choice for Your Home.

The ultra-efficient, Simonton® Impressions® 9800 triple-pane glass system combines key elements that enhance thermal efficiency, interior comfort, and lower heating and cooling costs.



## A. Triple-pane Insulating Glass Unit

A 1" triple-pane insulating glass unit (I.G. unit) consists of three panes of double-strength glass that creates two separate air spaces. This advanced system increases insulation and resistance to temperature transfer which helps keep your home's interior temperature at an ideal level and energy costs down.

## B. Gas Fill

Argon or Krypton gas is placed in the two separate air spaces of the triple-pane I.G. unit, Argon gas is six times and Krypton is twelve times denser than air providing additional insulation.

## C. Super Spacer®

The non-metallic foam Super Spacer® is non-conductive and virtually eliminates temperature transfer from the interior and exterior for optimal thermal performance.

## D. ProSolar® Low-E Glass

Delivering solar control, ProSolar® and ProSolar Shade Low-E glass keeps warmth inside during winter months and deflects the sun's heat to retain cooled air in summer. Also, it helps block damaging ultraviolet rays that can cause interior fading.

## E. Thermal-Efficient Vinyl

With 15 sealed multi-chambered vinyl profiles in the head, sill and sash, the Impressions 9800 series delivers excellent insulation against temperature fluctuations while offering virtually maintenance-free care.

## F. Quality Construction

Fusion-welded construction bonds each corner together to create a strong, durable frame that resists air and water infiltration.



## AAMA® Gold

Simonton-built windows are AAMA® Gold certified, passing the industry's toughest standards to deliver durable, weather-resistant and energy-efficient products for your home. [Learn more at simonton.com/aama-gold.](http://simonton.com/aama-gold)



## Impressions 9800 Window Styles & Triple-Pane Glass Packages

Window Type	Glass Type & Gas Fill	U-Value	Solar Heat Gain Coefficient	Visible Transmittance	R-Value
Double Hung	ProSolar Low-E Glass (2 surfaces) - Krypton Gas	0.20	0.24	0.39	5.26
	ProSolar Shade Low-E Glass (2 surfaces) - Krypton Gas	0.19	0.17	0.33	5.26
Slider	ProSolar Low-E Glass (2 surfaces) - Krypton Gas	0.19	0.23	0.38	5.26
	ProSolar Shade Low-E Glass (2 surfaces) - Krypton Gas	0.19	0.17	0.33	5.26
Picture	ProSolar Low-E Glass - Argon Gas	0.20	0.26	0.43	5.00
	ProSolar Shade Low-E Glass - Argon Gas	0.20	0.19	0.36	5.00
Casement	ProSolar Low-E Glass - Argon Gas	0.20	0.21	0.34	5.00
	ProSolar Shade Low-E Glass - Argon Gas	0.20	0.15	0.29	5.00
Awning	ProSolar Low-E Glass - Argon Gas	0.20	0.21	0.34	5.00
	ProSolar Shade Low-E Glass - Argon Gas	0.20	0.15	0.29	5.00
Casement (No Hinge)	ProSolar Low-E Glass - Argon Gas	0.19	0.25	0.41	5.26
	ProSolar Shade Low-E Glass - Argon Gas	0.19	0.18	0.35	5.26

Numbers reflect simulated testing in winter conditions: 0° outside temperature, 70° inside temperature on a window without grids. Testing data is for total unit. Thermal numbers may vary per window style and size.



**Simonton Impressions Customer Rating: 4.9/5 Stars. Read more customer testimonials at [Simonton.com/9800](http://Simonton.com/9800)**



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