

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

Every Simonton built window is AAMA® Gold Certified, which means that it has passed stringent tests for thermal performance, air leakage, water infiltration and wind pressure.



ENERGY STAR 2020 Most Energy Efficient 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 9800 Average Customer Rating: 4.8/5 Stars. Read more about the Impressions Series at Simonton.com/9800**



5020 Weston Parkway, Suite 400, Cary, NC 27513 | 1-800-SIMONTON (1-800-746-6686) | Simonton.com