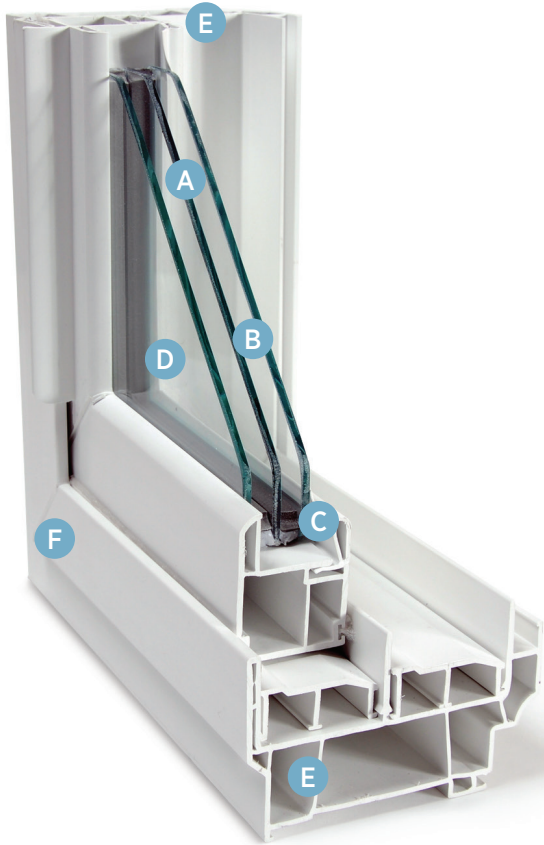


The Most Energy-Efficient Choice for Your Home.

The ultra-efficient, Simonton Madeira 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

Vinyl windows with 20 sealed multi-chambered profiles in the head, sill and sash deliver 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 Madeira Window Styles & Eco³ Triple-Pane Glass Packages

Window Type	Gas Fill	U-Value	Solar Heat Gain Coefficient	Visible Transmittance	R-Value
Double Hung	ProSolar Low-E Glass (2 surfaces) - Krypton Gas	0.18	0.23	0.41	5.56
	ProSolar Shade Low-E Glass (2 surfaces) - Krypton Gas	0.18	0.16	0.35	5.55
Single Hung	ProSolar Low-E Glass (2 surfaces) - Krypton Gas	0.18	0.26	0.42	5.56
	ProSolar Shade Low-E Glass (2 surfaces) - Krypton Gas	0.17	0.19	0.36	5.88
Double Slider	ProSolar Low-E Glass - Argon Gas	0.19	0.24	0.40	5.26
	ProSolar Shade Low-E Glass - Argon Gas	0.18	0.18	0.34	5.56
Single Slider	ProSolar Low-E Glass - Argon Gas	0.17	0.26	0.43	5.88
	ProSolar Shade Low-E Glass - Argon Gas	0.17	0.19	0.36	5.88
Picture	ProSolar Low-E Glass - Argon Gas	0.16	0.27	0.45	6.25
	ProSolar Shade Low-E Glass - Argon Gas	0.20	0.20	0.38	5.00

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 Madeira Average Customer Rating: 4.8/5 Stars. Read more about the Madeira Series at Simonton.com/Madeira



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