

GUARDIAN® CLIMAGUARD®

Residential Glass Innovation

Reduce energy bills thanks to three microscopic layers of silver.

ClimaGuard 62/27 Low-E glass from Guardian delivers what every homeowner wants: Lower cooling bills when it's hot outside and lower heating bills when it's cold.

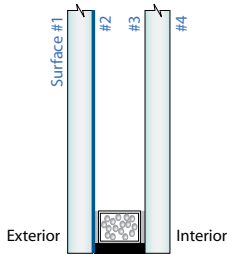
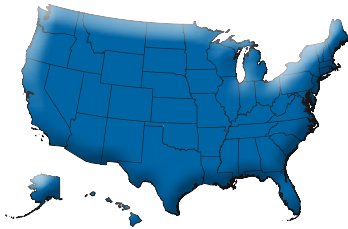
The power of triple-silver

The naked eye can't see it, but there are three layers of silver within the coating of the glass. Many residential windows have just one or two layers. In ClimaGuard 62/27, this third layer of silver helps the window block more of the sun's heat on hot summer days and retain more of a home's warmth during cold winter nights. It also reduces the amount of harmful UV rays that penetrate window glass, down to only 8% of UV generated by the sun, extending the life of woodwork, carpets and furnishings.

"62/27" means more light with less heat

The numbers tell the story. "62" indicates that 62% of the sun's visible light shines through the glass. "27" indicates that only 27% of the sun's heat makes its way through (the other 73% is blocked). That means plenty of sunshine can add beauty to a home without adding too much heat.

And with a U-factor of 0.24 ClimaGuard 62/27 can improve window insulation and help save on heating bills. Better yet, combine 62/27 with ClimaGuard IS coatings on the #4 surface and windows can achieve U-factors below 0.20.



Double Glazed	Visible Light			UV Trans	SHGC	U-Factor			
	Trans	Reflect Out	Reflect In			1/2" Gap Argon	Air	5/16" Gap Argon	Air
62/27	62%	11%	12%	8%	0.28	0.25	0.29	n/a	n/a
62/27 + IS-20	60%	12%	13%	8%	0.27	0.20	0.24	n/a	n/a

Double glazed: 3.0mm Clr: Air and 90% Argon/10% Air Filled Units. Primary low-E coating on the #2 surface; ClimaGuard IS coatings are on the #4 surface. Performance data calculated for center-of-glass only (no spacer or framing) using LBNL Window 7, IGDB v.57.0.

ClimaGuard 62/27 at a glance

- Helps windows meet strict ENERGY STAR® guidelines.
- Brightens homes with 62% of the sun's visible light.
- Attractive neutral appearance with a color-matching heat-treatable product.
- Solar Heat Gain Coefficient = 0.28 / UV Transmission = 8%
- Easy to fabricate and available from all Guardian U.S. coating facilities.



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