



**GUARDIAN®  
CLIMAGUARD®**  
Residential Glass Solutions

# ClimaGuard® 55/27

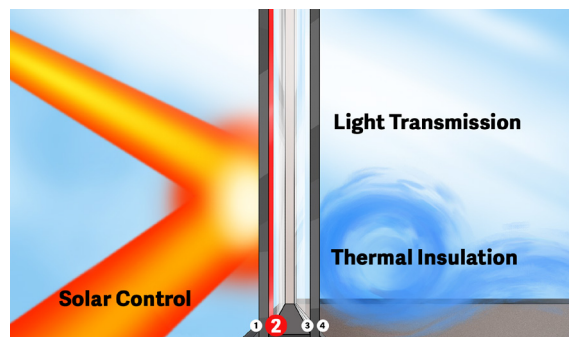
Low-E Glass for Warmer Climates

## Control heat, glare and energy costs

Guardian ClimaGuard® 55/27 low-E coated residential glass delivers what every southern homeowner needs—year-round comfort. It blocks heat to keep cooling costs low and it controls glare to let in the right amount of daylight for clear views and bright interiors. During the heat of summer or when cold weather visits the south, ClimaGuard 55/27 ensures comfortable living for homeowners.

### Key features

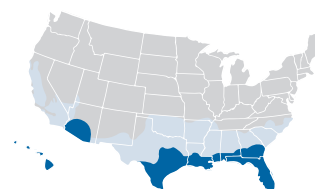
- Allows 56% of the sun's visible light to shine through the glass
- Blocks 72% of the sun's heat to reduce energy bills and create comfort
- Insulates better than standard double-pane windows to improve heating expenses
- Controls glare while offering daylighting and views



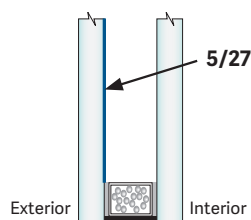


## For South and South-Central ENERGY STAR® Zones

In hot and humid regions that can experience the occasional cold spell, ClimaGuard 55/27 can help balance a home's cooling and heating needs from season to season.

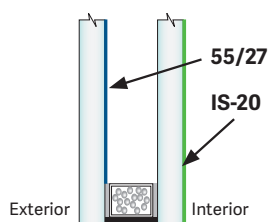


On the second surface, ClimaGuard 52/27 blocks heat, insulates and transmits daylight.



Double Glazed	Visible Light			UV Trans	SHGC	U-Factor	
	Trans	Reflect Out	Reflect In			1/2" Gap Argon	Air
<b>ClimaGuard 55/27 #2 surface</b>	56%	17%	19%	22%	0.28	0.25	0.29

Adding ClimaGuard IS-20 on the fourth surface enhances insulating performance by lowering U-factor.



Double Glazed	Visible Light			UV Trans	SHGC	U-Factor	
	Trans	Reflect Out	Reflect In			1/2" Gap Argon	Air
<b>ClimaGuard 55/27 #2 surface + IS-20 #4 surface</b>	54%	17%	19%	21%	0.27	0.20	0.24

Configuration: 3.0mm clear glass, Air filled and 90% Argon/10% Air filled.  
Performance data calculated for center-of-glass only (no spacer or framing) using LBNL Window 7.6, IGDB 71.