



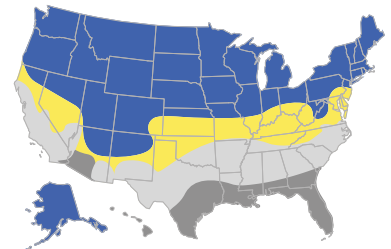
ClimaGuard™ 70 Residential Glass

BEST-IN-CLASS* THERMAL INSULATING PERFORMANCE WITH EXCEPTIONAL LIGHT TRANSMISSION

Deliver next-generation performance now: ClimaGuard 70 residential coated glass offers an industry-leading U-factor with incredible visible light transmittance. Just a simple switch today and you lead the way – ahead of ENERGY STAR® V7 specifications. Your customers in cooler climates will enjoy steady comfort through hot and cold weather extremes. CG 70 is available on a variety of glass thicknesses and can be fabricated to meet your project's needs. Guardian Glass innovation makes it possible.

Application

Designed for ENERGY STAR V7 compliance in cool climates. In the North-Central U.S. region, pair ClimaGuard 70 on surface #2 with ClimaGuard IS-20 on surface #4 of a double-pane insulating glass unit. In the Northern region, use ClimaGuard 70 as part of a triple-pane IGU.



Performance

Center-of-glass performance calculated according to NFRC-100 based on a dual pane IGU comprised of: 3mm CG 70 on surface #2/0.5" gap/3mm clear, argon filled.

Product	IGU COG Performance							
	Visible Light			Solar Energy	Thermal	UltraViolet		NFRC ID
	Transmittance	Reflectance		SHGC	U-Value	Trans UV	Fade Factor**	
Tvis	out	in						
CG 70	69%	15%	16%	.348	.242	20%	53	3264
CG 70 + IS 20 #4	67%	16%	17%	.339	.201	19%	51	3264/3298

**Fade Factor – Tdw (damage weighted index) is a 0 to 100 scale that measures the potential for fading with 100 being the worst. Tdw considers three metrics that contribute to fading: visible light transmission, UV transmission and SHGC.

Available Now

- Sizes: 72" x 84", 72" x 96", 96" x 130", 96" x 144"
- Thicknesses: 2.3mm–5mm



Visit our website to learn more or get a quote.

*Among high-VLT products (as of this publication). High-VLT refers to products with visible light transmission between 66–80%.

www.guardianglass.com

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