

## ClimaGuard®

### ClimaGuard 70/36

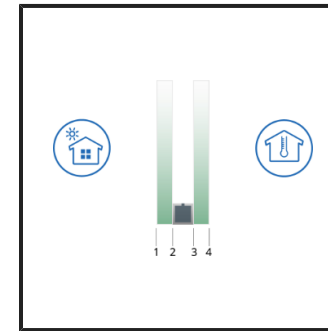
#### Comfort in every season

Maintaining indoor comfort can be a challenge—especially when temperatures fluctuate throughout the day or in between seasons. ClimaGuard 70/36 coated residential glass is here to help. It insulates in the winter, blocks unwanted heat in the summer and helps to make homes more energy efficient all year long. Plus, it provides a uniform, neutral appearance with a hint of reflectivity to enhance the beauty of any home.



#### Product Information

Substrate Base Glass/Thickness	Clear Float/2.3 mm (3/32") - 5 mm (13/64")
Applications	Windows / Doors / Skylights
Manufacturing options	Tempered / Laminated / Heat Soaked / Heat Strengthened / Annealed
Recommended Coating Positions	Double glazed: #2 or #3 surface Triple Glazed: #2 and/or #5 surface
Maximum Size	<100"x144" (2540x3658mm)
Edge Deletion	Yes
Glass type	Low E
Glass functions	Solar Control U-Value Benefit
Fabrication options	Must be used in Insulating Glass Units
Appearance	Neutral



Double Glazed



Triple Glazed

Visible Light			Ultraviolet	Solar Energy						Thermal Properties		Light to Solar Gain (LSG)	
Transmittance Visible (tv %)	Reflectance		Trans UV(tuv %)	Transmittance Solar (te %)	Reflectance		Absorptance Solar (ae %)	Solar Heat Gain Coefficient (SHGC)	Shading Coefficient (sc)	U-Value			
	pv % out	pv % in			General Color Rendering Index (Ra)	pe % out				pe % in	Winter Night (Btu/hr-ft <sup>2</sup> -F)		Summer Day (Btu/hr-ft <sup>2</sup> -F)
Double Glazed: 3-12.7-3 ClimaGuard® ClimaGuard 70/36 on Clear Float #2, Clear Float, 90% Argon fill													
70	11	13	96.5	25	36	38	40	26	0.38	0.44	0.246	0.220	1.84
Triple Glazed: 3-12.7-3-12.7-3 ClimaGuard® ClimaGuard 70/36 on Clear Float #2, Clear Float, Clear Float, 90% Argon fill													
64	15	19	95.7	21	32	40	38	28	0.35	0.40	0.185	0.180	1.82

The performance values shown are nominal and subject to variations due to manufacturing tolerances. Spectra-photometric values according to NFRC 2010 / US Standard.

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Published Date: 08-Sep-2022

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