

Alside Glass Packages Meet New ENERGY STAR® 7.0 Requirements



WINDOWS: MEZZO® | FUSION® | FAIRFIELD 80 | FAIRFIELD 70 | 1900 SERIES | 1700 SERIES
 SLIDING PATIO DOORS: PROMENADE® | NEW CONSTRUCTION | A170 SERIES



As of Oct. 23, 2023, the ENERGY STAR program for windows and doors has changed requiring more stringent energy-saving performance to meet certification.

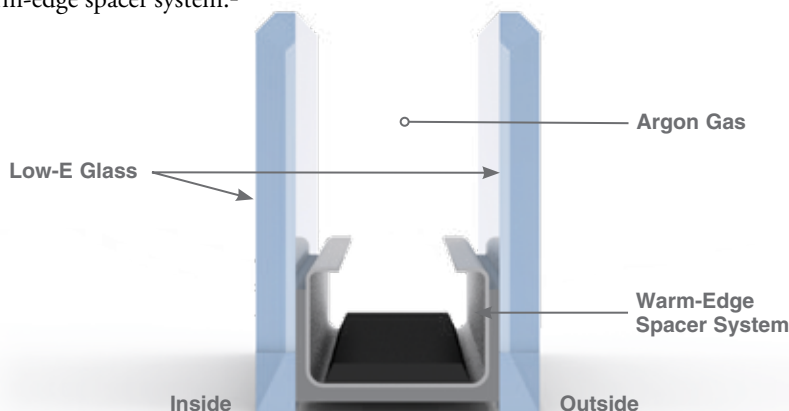
Alside windows and sliding patio doors offer a variety of ClimaTech® glass packages to meet ENERGY STAR 7.0 certification in all climate zones. Window products that achieve ENERGY STAR Most Efficient may also qualify for federal tax credits.¹

WHY THE CHANGE?

- The ENERGY STAR program certifies products that meet superior energy-saving performance specifications
- Certification requirements are updated based on technological advancements in the industry, ensuring the label remains a symbol of top-tier energy efficiency
- The new 7.0 and Most Efficient standards further incentivize manufacturers to innovate and produce highly energy-efficient windows and doors

THE CLIMATECH DUAL-PANE SOLUTION

Our enhanced ClimaTech glass packages provide a powerful energy-saving shield with two panes of glass, two surfaces of Low-E (low-emissivity) technology, argon gas fill and warm-edge spacer system.²



Get the ENERGY STAR advantages for superior thermal performance and energy savings. See your Alside Sales Representative for more information about energy-efficient glass packages to meet the new ENERGY STAR 7.0 certification for your area and climate zone.

CHOOSE FROM A VARIETY OF CLIMATECH GLASS PACKAGES THAT MEET ENERGY STAR 7.0

THERMAL PERFORMANCE COMPARISON³

	MEZZO		ES 7.0 CLIMATE ZONE
	U-Factor	SHGC	
ClimaTech Quattro ThermD	0.24	0.47	N
ClimaTech SF ThermD	0.24	0.27	NC
ClimaTech Elite ThermD	0.27	0.21	SC, S

	FAIRFIELD 80		ES 7.0 CLIMATE ZONE
	U-Factor	SHGC	
ClimaTech Quattro ThermD	0.26	0.49	N
ClimaTech SF ThermD ⁴	0.25	0.32	NC
ClimaTech SF Elite	0.25	0.21	SC
ClimaTech Elite	0.31	0.21	S

	PROMENADE		ES 7.0 CLIMATE ZONE
	U-Factor	SHGC	
ClimaTech SF Plus	0.23	0.26	N, NC
ClimaTech SF Elite Plus	0.26	0.20	SC, S

	A170 SERIES		ES 7.0 CLIMATE ZONE
	U-Factor	SHGC	
ClimaTech SF ThermD	0.24	0.30	N, NC
ClimaTech SF Elite ThermD	0.24	0.22	SC, S

³Whole window values, double-strength glass.

⁴Whole window values, double-strength glass with iE liner.

ClimaTech Quattro ThermD: Dual-pane unit, two panes of enhanced Low-E glass (surfaces 2 and 4), argon gas and stainless steel Intercept® spacer.

ClimaTech SF ThermD: Dual-pane unit, two panes of Low-E glass (surfaces 2 and 4), argon gas and stainless steel Intercept spacer.

ClimaTech SF Elite ThermD: Dual-pane unit, two panes of Low-E glass (surfaces 2 (SHGC) and 4), argon gas and stainless steel Intercept spacer.

ClimaTech SF Plus: Dual-pane unit, two panes of Low-E glass (surfaces 2 and 4), argon gas and Super Spacer® foam spacer.

ClimaTech SF Elite Plus: Dual-pane unit, two panes of Low-E glass (surfaces 2 (SHGC) and 4), argon gas and Super Spacer foam spacer.

ClimaTech SF Elite: Dual-pane unit, two panes of Low-E glass (surfaces 2 (SHGC) and 4), argon gas and metal alloy Intercept spacer.

ClimaTech Elite ThermD: Dual-pane unit, one pane of SHGC Low-E glass, argon gas and stainless steel Intercept spacer.

ClimaTech Elite: Dual-pane unit, one pane Low-E SHGC glass, argon gas and metal alloy Intercept spacer.



ENERGY STAR 7.0

Your Guide to ENERGY STAR 7.0 Program Changes



ENERGY STAR VERSION 7.0 FOR WINDOWS AND DOORS has new U-Factor and SHGC certification requirements starting Oct. 23, 2023. The charts below make it easy to see the program changes, with Version 7.0's new increased performance requirements data in green.

VERSION 6.0

(Effective through Oct. 22, 2023)

WINDOWS

Climate Zone	U-Factor	SHGC	
Northern	≤0.27	Any	Prescriptive
	=0.28	≥0.32	Equivalent Energy Performance
	=0.29	≥0.37	
	=0.30	≥0.42	
North-Central	≤0.30	≤0.40	
South-Central	≤0.30	≤0.25	
Southern	≤0.40	≤0.25	

VERSION 7.0

(Effective starting Oct. 23, 2023)

WINDOWS

Climate Zone	U-Factor	SHGC	
Northern	≤0.22	≥0.17	Prescriptive
	=0.23	≥0.35	Equivalent Energy Performance
	=0.24		
	=0.25		
	=0.26	≥0.40	
North-Central	≤0.25	≤0.40	
South-Central	≤0.28	≤0.23	
Southern	≤0.32	≤0.23	

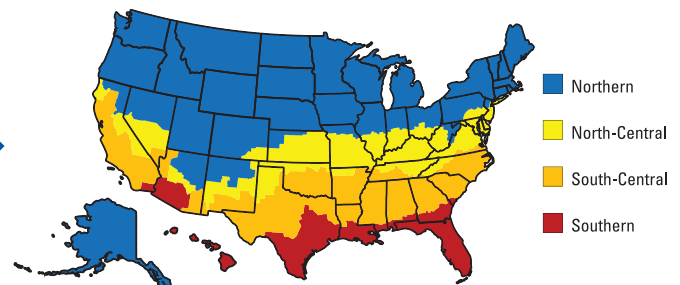
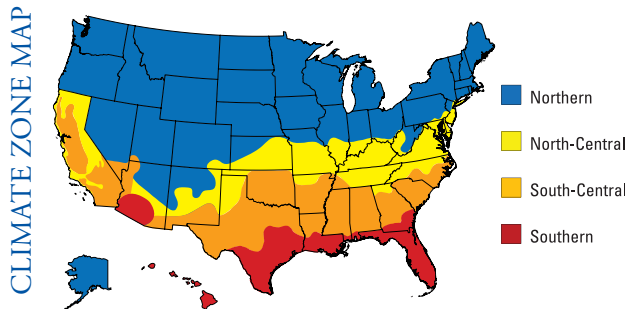
SLIDING PATIO DOORS

Glazing Level	U-Factor	SHGC	
Opaque	≤0.17	No Rating	
≤1/2 Lite	≤0.25	≤0.25	
>1/2 Lite	≤0.30	Northern North-Central	≤0.40
		South-Central Southern	≤0.25

SLIDING PATIO DOORS

Glazing Level	U-Factor	SHGC	
Opaque	≤0.17	No Rating	
≤1/2 Lite	≤0.23	≤0.23	
>1/2 Lite	≤0.26	Northern North-Central	≤0.40
		South-Central Southern	≤0.23

■ = Change



Map is segmented at the county level with the exception of California, which is segmented by zip code.



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