

ENERGY STAR 7.0

ENERGY STAR® 7.0 Overview

ENERGY STAR specifications for residential windows, doors and skylights will be changing to Version 7.0 effective October 23, 2023. This change will lower the U-factor requirements for all climate zones and will lower SHGC requirements in the South Central and Southern zones. Additionally, Version 7.0 will establish a minimum SHGC requirement for the Northern Zone.



VERSION 7.0 (Effective October 23, 2023)

ENERGY STAR VERSION 6.0 (OLD) (Effective through October 22, 2023)

Window Products

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

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

Sliding and Hinged Door Products

Glazing Zone	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	
		Southern South-Central	≤ 0.25	

Glazing Zone	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
	≤ 0.28	Southern South-Central	≤ 0.23

Climate Zone Map





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