


<u>Series</u>	<u>Product</u>	<u>AAMA</u>	<u>Low-E3</u>	<u>Argon</u>	<u>U-Rating</u>	<u>SHGC</u>	<u>Energy Star*</u>
1500	T/B Casement	C-C30	Yes	Yes	0.48	0.20	S
1210	T/B Single Hung	H-R35	Yes	Yes	0.46	0.22	S
1200	T/B Horizontal Slider	C30	Yes	Yes	0.47	0.22	S
1251	T/B Picture Window	C40	Yes	Yes	0.33	0.24	SC, S
1100	T/B Sliding Glass Door	LC25	Yes	Yes	0.40	0.22	S
900	Non-Thermal Casement	C-C35	Yes	Yes	0.58	0.20	S
211	Non-Thermal Single Hung		Yes	Yes	0.53	0.35	S
311	Non-Thermal Horizontal Slider		Yes	Yes	0.56	0.35	S
511	Non-Thermal Picture Window		Yes	Yes	0.38	0.25	S
111	Non-Thermal Sliding Glass Door 2,3,4	R20 C-35 C-30	Yes	Yes	0.51	0.35	S
411	Non-Thermal Window Wall		Yes	Yes	0.46	0.24	S
430	Non-Thermal Swing Door	R15	Yes	Yes	0.67	0.24	

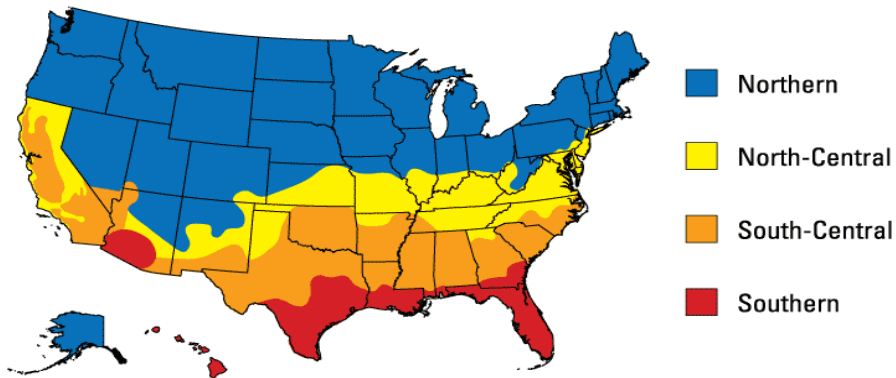
SHGC = Solar Heat Gain Coefficient

Energy Star = North (N), North Central (NC), South (S), South Central (SC)



**ENERGY STAR® for Windows, Doors, and Skylights**  
**CLIMATE ZONE MAP**

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### ENERGY STAR® Qualification Criteria for Residential Windows and Doors

Windows				Doors		
Climate Zone	U-Factor <sup>1</sup>	SHGC <sup>2</sup>		Glazing Level	U-Factor <sup>1</sup>	SHGC <sup>2</sup>
Northern	≤ 0.30	Any	Prescriptive	Opaque	≤ 0.21	No Rating
	≤ 0.31	≥ 0.35	Equivalent Energy Performance	≤ ½-Lite	≤ 0.27	≤ 0.30
	≤ 0.32	≥ 0.40		> ½-Lite	≤ 0.32	≤ 0.30
North-Central	≤ 0.32	≤ 0.40				
South-Central	≤ 0.35	≤ 0.30				
Southern	≤ 0.60	≤ 0.27				

<sup>1</sup> Btu/h·ft<sup>2</sup>·F  
<sup>2</sup> Fraction of incident solar radiation