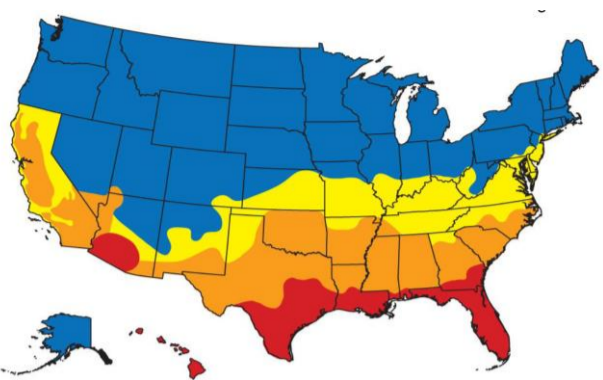
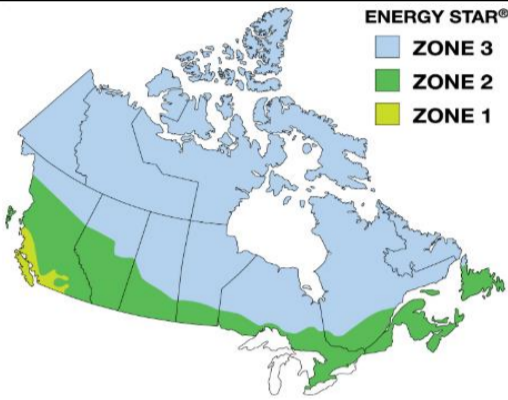


US Qualification Criteria	Climate Zone	U-Value	SHGC
 <p>As of January 2016</p>	Northern	<=0.30	<=0.40
	North-Central		<=0.25
	South-Central		
	Southern		

Canadian Qualification Criteria	Climate Zone	U-Value	or	Energy Rating
 <p>As of February 2015</p>	Zone 1	<=1.60		>=25
	Zone 2	<=1.40		>=29
	Zone 3	<=1.20		>=34
	Air Leakage <= 0.3 cfm/ft2			

**U-Value**

A measurement of how much energy a material conducts. The lower the U-Value, the greater the insulating effect.

**Solar Heat Gain Coefficient (SHGC)**

Measures how well a window or door prevents heat from passing through it. The lower a window or door's SHGC, the less heat it allows to pass through it.

**Visible Light Transmittance**

The amount of light in the visible portion of the spectrum that passes through a glazing material.

**Condensation Resistance Rating**

Measures how well a window resists the formation of condensation on the inside surface. The higher the number the better resistance to condensation.

**Energy Rating**

A value demonstrating the balance between U-Value, SHGC and air leakage. The higher the number, the more efficient the product.

**R-Value**

A measurement of how much a material resists heat transfer. A higher R-Value means a greater insulating effect and a lower rate of heat flow out of the home. While **R-value** measures resistance to heat transfer, **U-value** measures the rate of heat transfer. In simple terms, **U-value** is the mathematical reciprocal of **R-value**; that is, **U = 1/R and R = 1/U**.

<sup>a</sup> Total Unit calculations are derived from computer simulations that are then verified by 3rd party testing in accordance with NFRC 100, NFRC 200, and NFRC 500.

<sup>b</sup> Published values reflect 3mm/3mm glass lite thicknesses.

ENERGY PERFORMANCE DATA								ENERGY STAR		CANADIAN ENERGY PERFORMANCE DATA				ENERGY STAR					
Contemporary Next Gen Sliding Patio Door (8723)								US ENERGY STAR V 6.0						CANADA ENERGY STAR v 4.1					
Grille Option	Glazing thickness	aNFRC Total Unit Calculations bGlazing Option	CPD #	U-Value	Solar Heat Gain Coefficient	Visible Light Transmittance	Condensation Resistance Rating	N	NC	SC	S	U-Value (metric)	Maximum Air Leakage L/s/m2	Air Infiltration/Exfiltration Average	Energy Rating	1	2	3	
No GIA or SDL	1"	Clear Insul	WEA-N-326-00001-00001	0.48	0.58	0.61	46					2.73	0.6	0.01	14				
	1"	Insul Low-E	WEA-N-326-00004-00001	0.36	0.31	0.53	52					2.04	0.6	0.01	13				
	1"	Insul Low E w/Argon	WEA-N-326-00022-00001	0.33	0.31	0.53	55					1.87	0.6	0.01	17				
	1"	Passive Solar	WEA-N-326-00011-00001	0.36	0.51	0.58	52					2.04	0.6	0.01	25				
	1"	Passive Solar w/Argon	WEA-N-326-00029-00001	0.33	0.51	0.58	55					1.87	0.6	0.01	28	Y			
	1"	Passive Solar Extreme	WEA-N-326-00012-00001	0.31	0.46	0.57	42					1.76	0.6	0.01	28	Y			
	1"	Passive Solar Extreme w/Argon	WEA-N-326-00030-00001	0.29	0.46	0.57	45	Y				1.65	0.6	0.01	30	Y	Y		
	1"	Zo-e-shield 5	WEA-N-326-00007-00001	0.35	0.21	0.48	53				Y		1.99	0.6	0.01	9			
	1"	Zo-e-shield 5 w/ Argon	WEA-N-326-00025-00001	0.32	0.20	0.48	56				Y		1.82	0.6	0.01	12			
	1"	Zo-e-shield 5 Extreme	WEA-N-326-00010-00001	0.30	0.20	0.46	43		Y	Y	Y		1.70	0.6	0.01	14			
	1"	Zo-e-shield 5 Extreme w/ Argon	WEA-N-326-00028-00001	0.28	0.20	0.46	46		Y	Y	Y		1.59	0.6	0.01	17	Y		
	1"	Zo-e-shield 6	WEA-N-326-00131-00001	0.35	0.21	0.47	52				Y		1.99	0.6	0.01	9			
	1"	Zo-e-shield 6 w/ Argon	WEA-N-326-00138-00001	0.31	0.20	0.47	55				Y		1.76	0.6	0.01	13			
	1"	Zo-e SafeGuard Certified	WEA-N-326-00134-00001	0.34	0.20	0.46	49				Y		1.93	0.6	0.01	9			
	1"	Zo-e SafeGuard Certified w/ Argon	WEA-N-326-00141-00001	0.31	0.20	0.46	56				Y		1.76	0.6	0.01	13			
	1"	Zo-e-shield 7	WEA-N-326-00015-00001	0.29	0.19	0.38	59		Y	Y	Y		1.65	0.6	0.01	15			
	1"	Zo-e-shield 7 w/ Argon	WEA-N-326-00033-00001	0.26	0.19	0.38	59	Y	Y	Y	Y		1.48	0.6	0.01	19	Y		
	1"	Insul Low-E 240	WEA-N-326-00013-00001	0.36	0.19	0.29	52				Y		2.04	0.6	0.01	6			
	1"	Insul Low-E 240 w/Argon	WEA-N-326-00031-00001	0.33	0.19	0.29	55				Y		1.87	0.6	0.01	10			
	1"	Insul Low-E 340	WEA-N-326-00014-00001	0.36	0.14	0.29	53				Y		2.04	0.6	0.01	3			
1"	Insul Low-E 340 w/Argon	WEA-N-326-00032-00001	0.32	0.14	0.29	56				Y		1.82	0.6	0.01	8				
1"	Bronze Low E	WEA-N-326-00006-00001	0.36	0.29	0.40	53						2.04	0.6	0.01	12				
1"	Bronze Low E w/Argon	WEA-N-326-00024-00001	0.33	0.29	0.40	56						1.87	0.6	0.01	16				
Less Than 1" GIA or SDL	1"	Clear Insul	WEA-N-326-00001-00002	0.48	0.51	0.53	46					2.73	0.6	0.01	10				
	1"	Insul Low-E	WEA-N-326-00004-00002	0.36	0.27	0.46	52					2.04	0.6	0.01	11				
	1"	Insul Low E w/Argon	WEA-N-326-00022-00002	0.33	0.27	0.46	55					1.87	0.6	0.01	15				
	1"	Passive Solar	WEA-N-326-00011-00002	0.36	0.45	0.51	52					2.04	0.6	0.01	21				
	1"	Passive Solar w/Argon	WEA-N-326-00029-00002	0.33	0.45	0.51	55					1.87	0.6	0.01	25	Y			
	1"	Passive Solar Extreme	WEA-N-326-00012-00002	0.31	0.41	0.50	42					1.76	0.6	0.01	25	Y			
	1"	Passive Solar Extreme w/Argon	WEA-N-326-00030-00002	0.29	0.41	0.50	45	Y				1.65	0.6	0.01	28	Y			
	1"	Zo-e-shield 5	WEA-N-326-00007-00002	0.35	0.18	0.41	53				Y		1.99	0.6	0.01	7			
	1"	Zo-e-shield 5 w/ Argon	WEA-N-326-00025-00002	0.32	0.18	0.41	56				Y		1.82	0.6	0.01	11			
	1"	Zo-e-shield 5 Extreme	WEA-N-326-00010-00002	0.30	0.18	0.40	43		Y	Y	Y		1.70	0.6	0.01	13			
	1"	Zo-e-shield 5 Extreme w/ Argon	WEA-N-326-00028-00002	0.28	0.18	0.40	46		Y	Y	Y		1.59	0.6	0.01	16			
	1"	Zo-e-shield 6	WEA-N-326-00131-00002	0.35	0.18	0.41	52				Y		1.99	0.6	0.01	7			
	1"	Zo-e-shield 6 w/ Argon	WEA-N-326-00138-00002	0.31	0.18	0.41	55				Y		1.76	0.6	0.01	12			
	1"	Zo-e SafeGuard Certified	WEA-N-326-00134-00002	0.34	0.18	0.40	49				Y		1.93	0.6	0.01	8			
	1"	Zo-e SafeGuard Certified w/ Argon	WEA-N-326-00141-00002	0.31	0.18	0.40	56				Y		1.76	0.6	0.01	12			
	1"	Zo-e-shield 7	WEA-N-326-00016-00001	0.30	0.17	0.33	59		Y	Y	Y		1.70	0.6	0.01	13			
	1"	Zo-e-shield 7 w/ Argon	WEA-N-326-00034-00001	0.26	0.17	0.33	59	Y	Y	Y	Y		1.48	0.6	0.01	17	Y		
	1"	Insul Low-E 240	WEA-N-326-00013-00002	0.36	0.17	0.26	52				Y		2.04	0.6	0.01	5			
	1"	Insul Low-E 240 w/Argon	WEA-N-326-00031-00002	0.33	0.17	0.26	55				Y		1.87	0.6	0.01	9			
	1"	Insul Low-E 340	WEA-N-326-00014-00002	0.36	0.12	0.25	53				Y		2.04	0.6	0.01	2			
1"	Insul Low-E 340 w/Argon	WEA-N-326-00032-00002	0.32	0.12	0.25	56				Y		1.82	0.6	0.01	7				
1"	Bronze Low E	WEA-N-326-00006-00002	0.36	0.26	0.35	53						2.04	0.6	0.01	10				
1"	Bronze Low E w/Argon	WEA-N-326-00024-00002	0.33	0.26	0.35	56						1.87	0.6	0.01	14				
1" Or Over GIA or SDL	1"	Clear Insul	WEA-N-326-00001-00003	0.48	0.44	0.45	46					2.73	0.6	0.01	6				
	1"	Insul Low-E	WEA-N-326-00004-00003	0.36	0.24	0.40	52				Y		2.04	0.6	0.01	9			
	1"	Insul Low E w/Argon	WEA-N-326-00022-00003	0.33	0.24	0.40	55				Y		1.87	0.6	0.01	13			
	1"	Passive Solar	WEA-N-326-00011-00003	0.36	0.39	0.44	52					2.04	0.6	0.01	18				
	1"	Passive Solar w/Argon	WEA-N-326-00029-00003	0.33	0.39	0.44	55					1.87	0.6	0.01	22				
	1"	Passive Solar Extreme	WEA-N-326-00012-00003	0.31	0.36	0.43	42					1.76	0.6	0.01	22				
	1"	Passive Solar Extreme w/Argon	WEA-N-326-00030-00003	0.29	0.36	0.43	45		Y			1.65	0.6	0.01	25				
	1"	Zo-e-shield 5	WEA-N-326-00007-00003	0.35	0.16	0.36	53				Y		1.99	0.6	0.01	6			
	1"	Zo-e-shield 5 w/ Argon	WEA-N-326-00025-00003	0.32	0.16	0.36	56				Y		1.82	0.6	0.01	9			
	1"	Zo-e-shield 5 Extreme	WEA-N-326-00010-00003	0.30	0.16	0.35	43		Y	Y	Y		1.70	0.6	0.01	12			
	1"	Zo-e-shield 5 Extreme w/ Argon	WEA-N-326-00028-00003	0.28	0.16	0.35	46		Y	Y	Y		1.59	0.6	0.01	14			
	1"	Zo-e-shield 6	WEA-N-326-00131-00003	0.35	0.16	0.35	52				Y		1.99	0.6	0.01	6			
	1"	Zo-e-shield 6 w/ Argon	WEA-N-326-00138-00003	0.31	0.16	0.35	55				Y		1.76	0.6	0.01	11			
	1"	Zo-e SafeGuard Certified	WEA-N-326-00134-00003	0.34	0.16	0.35	49				Y		1.93	0.6	0.01	7			
	1"	Zo-e SafeGuard Certified w/ Argon	WEA-N-326-00141-00003	0.31	0.16	0.35	56				Y		1.76	0.6	0.01	11			
	1"	Zo-e-shield 7	WEA-N-326-00016-00002	0.30	0.15	0.29	59		Y	Y	Y		1.70	0.6	0.01	11			
	1"	Zo-e-shield 7 w/ Argon	WEA-N-326-00034-00002	0.26	0.15	0.29	59	Y	Y	Y	Y		1.48	0.6	0.01	16	Y		
	1"	Insul Low-E 240	WEA-N-326-00013-00003	0.36	0.15	0.22	52				Y		2.04	0.6	0.01	4			
	1"	Insul Low-E 240 w/Argon	WEA-N-326-00031-00003	0.33	0.15	0.22	55				Y		1.87	0.6	0.01	8			
	1"	Insul Low-E 340	WEA-N-326-00014-00003	0.36	0.11	0.21	53				Y		2.04	0.6	0.01	2			
1"	Insul Low-E 340 w/Argon	WEA-N-326-00032-00003	0.32	0.11	0.21	56				Y		1.82	0.6	0.01	6				
1"	Bronze Low E	WEA-N-326-00006-00003	0.36	0.23	0.30	53				Y		2.04	0.6	0.01	9				
1"	Bronze Low E w/Argon	WEA-N-326-00024-00003	0.33	0.23	0.30	56				Y		1.87	0.6	0.01	12				