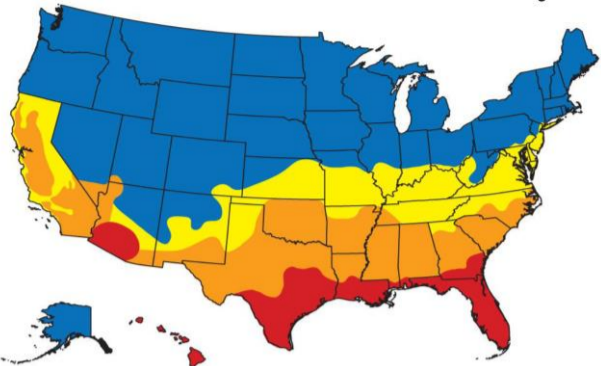
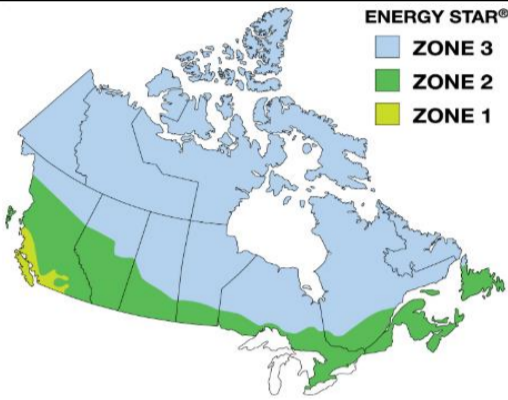


US Qualification Criteria	Climate Zone	U-Value	SHGC
 <p>As of January 2016</p>	Northern	<=0.30	<=0.40
	North-Central		<=0.25
	South-Central		
	Southern		

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**.

^a 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.

^b Published values reflect 3mm/3mm glass lite thicknesses.

ENERGY PERFORMANCE DATA

Contemporary Sliding Patio Door (8717)



CANADIAN ENERGY PERFORMANCE DATA



Grille Option	Glazing thickness	aNFRC Total Unit Calculations bGlazing Option	CPD #	U-Value	Solar Heat Gain Coefficient	Visible Light Transmittance	Condensation Resistance Rating	US ENERGY STAR V 6.0				U-Value (metric)	Maximum Air Leakage L/s/m2	Air Infiltration/Exfiltration Average	Energy Rating	CANADA ENERGY STAR v 4.1		
								N	NC	SC	S					1	2	3
No GIA or SDL	1"	Clear Insul	WEA-N-300-00251-00001	0.47	0.57	0.59	43					2.67	0.6	0.05	14			
	1"	Insul Low-E	WEA-N-300-00252-00001	0.35	0.30	0.52	53					1.99	0.6	0.05	14			
	1"	Insul Low E w/Argon	WEA-N-300-00264-00001	0.32	0.30	0.52	56					1.82	0.6	0.05	17			
	1"	Passive Solar	WEA-N-300-00255-00001	0.35	0.50	0.57	53					1.99	0.6	0.05	25	Y		
	1"	Passive Solar w/Argon	WEA-N-300-00267-00001	0.32	0.50	0.57	55					1.82	0.6	0.05	29	Y		
	1"	Passive Solar Extreme	WEA-N-300-00256-00001	0.30	0.45	0.56	42	Y				1.70	0.6	0.05	29	Y		
	1"	Passive Solar Extreme w/Argon	WEA-N-300-00268-00001	0.28	0.46	0.56	45	Y				1.59	0.6	0.05	32	Y	Y	
	1"	Zo-e-shield 5	WEA-N-300-00253-00001	0.34	0.20	0.47	53				Y	1.93	0.6	0.05	9			
	1"	Zo-e-shield 5 w/ Argon	WEA-N-300-00265-00001	0.31	0.20	0.47	56				Y	1.76	0.6	0.05	13			
	1"	Zo-e-shield 5 Extreme	WEA-N-300-00254-00001	0.29	0.20	0.45	43		Y	Y	Y	1.65	0.6	0.05	15			
	1"	Zo-e-shield 5 Extreme w/ Argon	WEA-N-300-00266-00001	0.27	0.20	0.45	46	Y	Y	Y	Y	1.53	0.6	0.05	18	Y		
	1"	Zo-e-shield 6	WEA-N-300-00333-00001	0.34	0.20	0.46	52				Y	1.93	0.6	0.05	9			
	1"	Zo-e-shield 6 w/ Argon	WEA-N-300-00340-00001	0.31	0.20	0.46	55				Y	1.76	0.6	0.05	13			
	1"	Zo-e SafeGuard Certified	WEA-N-300-00337-00001	0.33	0.20	0.46	51				Y	1.87	0.6	0.05	11			
	1"	Zo-e SafeGuard Certified w/ Argon	WEA-N-300-00344-00001	0.30	0.20	0.46	56		Y	Y	Y	1.70	0.6	0.05	14			
	1"	Insul Low-E 240	WEA-N-300-00257-00001	0.35	0.19	0.29	52				Y	1.99	0.6	0.05	7			
	1"	Insul Low-E 240 w/Argon	WEA-N-300-00269-00001	0.32	0.19	0.29	55				Y	1.82	0.6	0.05	11			
	1"	Insul Low-E 340	WEA-N-300-00258-00001	0.35	0.14	0.28	53				Y	1.99	0.6	0.05	4			
	1"	Insul Low-E 340 w/Argon	WEA-N-300-00270-00001	0.31	0.13	0.28	56				Y	1.76	0.6	0.05	9			
	1"	Bronze Low E	WEA-N-300-00252-00011	0.35	0.29	0.38	53					1.99	0.6	0.05	13			
1"	Bronze Low E w/Argon	WEA-N-300-00264-00011	0.32	0.29	0.38	56					1.82	0.6	0.05	17				
Less Than 1" GIA or SDL	1"	Clear Insul	WEA-N-300-00251-00002	0.47	0.50	0.51	43					2.67	0.6	0.05	10			
	1"	Insul Low-E	WEA-N-300-00252-00002	0.35	0.27	0.45	53					1.99	0.6	0.05	12			
	1"	Insul Low E w/Argon	WEA-N-300-00264-00002	0.32	0.27	0.45	56					1.82	0.6	0.05	16			
	1"	Passive Solar	WEA-N-300-00255-00002	0.35	0.44	0.50	53					1.99	0.6	0.05	22			
	1"	Passive Solar w/Argon	WEA-N-300-00267-00002	0.32	0.44	0.50	55					1.82	0.6	0.05	25	Y		
	1"	Passive Solar Extreme	WEA-N-300-00256-00002	0.30	0.40	0.48	42		Y			1.70	0.6	0.05	26	Y		
	1"	Passive Solar Extreme w/Argon	WEA-N-300-00268-00002	0.28	0.40	0.48	45	Y	Y			1.59	0.6	0.05	28	Y		
	1"	Zo-e-shield 5	WEA-N-300-00253-00002	0.34	0.18	0.41	53				Y	1.93	0.6	0.05	8			
	1"	Zo-e-shield 5 w/ Argon	WEA-N-300-00265-00002	0.31	0.18	0.41	56				Y	1.76	0.6	0.05	12			
	1"	Zo-e-shield 5 Extreme	WEA-N-300-00254-00002	0.29	0.18	0.40	43		Y	Y	Y	1.65	0.6	0.05	14			
	1"	Zo-e-shield 5 Extreme w/ Argon	WEA-N-300-00266-00002	0.27	0.18	0.40	46	Y	Y	Y	Y	1.53	0.6	0.05	17	Y		
	1"	Zo-e-shield 6	WEA-N-300-00333-00002	0.34	0.18	0.40	52				Y	1.93	0.6	0.05	8			
	1"	Zo-e-shield 6 w/ Argon	WEA-N-300-00340-00002	0.31	0.18	0.40	55				Y	1.76	0.6	0.05	12			
	1"	Zo-e SafeGuard Certified	WEA-N-300-00337-00002	0.33	0.18	0.40	51				Y	1.87	0.6	0.05	9			
	1"	Zo-e SafeGuard Certified w/ Argon	WEA-N-300-00344-00002	0.30	0.18	0.40	56		Y	Y	Y	1.70	0.6	0.05	13			
	1"	Insul Low-E 240	WEA-N-300-00257-00002	0.35	0.17	0.25	52				Y	1.99	0.6	0.05	6			
	1"	Insul Low-E 240 w/Argon	WEA-N-300-00269-00002	0.32	0.17	0.25	55				Y	1.82	0.6	0.05	10			
	1"	Insul Low-E 340	WEA-N-300-00258-00002	0.35	0.12	0.24	53				Y	1.99	0.6	0.05	3			
	1"	Insul Low-E 340 w/Argon	WEA-N-300-00270-00002	0.31	0.12	0.24	56				Y	1.76	0.6	0.05	8			
	1"	Bronze Low E	WEA-N-300-00252-00012	0.35	0.25	0.33	53				Y	1.99	0.6	0.05	11			
1"	Bronze Low E w/Argon	WEA-N-300-00264-00012	0.32	0.25	0.33	56				Y	1.82	0.6	0.05	14				
1" Or Over GIA or SDL	1"	Clear Insul	WEA-N-300-00251-00003	0.47	0.43	0.44	43					2.67	0.6	0.05	6			
	1"	Insul Low-E	WEA-N-300-00252-00003	0.35	0.24	0.39	53				Y	1.99	0.6	0.05	10			
	1"	Insul Low E w/Argon	WEA-N-300-00264-00003	0.32	0.23	0.39	56				Y	1.82	0.6	0.05	13			
	1"	Passive Solar	WEA-N-300-00255-00003	0.35	0.38	0.43	53					1.99	0.6	0.05	18			
	1"	Passive Solar w/Argon	WEA-N-300-00267-00003	0.32	0.38	0.43	55					1.82	0.6	0.05	22			
	1"	Passive Solar Extreme	WEA-N-300-00256-00003	0.30	0.35	0.42	42		Y			1.70	0.6	0.05	23			
	1"	Passive Solar Extreme w/Argon	WEA-N-300-00268-00003	0.28	0.35	0.42	45	Y	Y			1.59	0.6	0.05	25	Y		
	1"	Zo-e-shield 5	WEA-N-300-00253-00003	0.34	0.16	0.35	53				Y	1.93	0.6	0.05	7			
	1"	Zo-e-shield 5 w/ Argon	WEA-N-300-00265-00003	0.31	0.16	0.35	56				Y	1.76	0.6	0.05	11			
	1"	Zo-e-shield 5 Extreme	WEA-N-300-00254-00003	0.29	0.16	0.34	43		Y	Y	Y	1.65	0.6	0.05	13			
	1"	Zo-e-shield 5 Extreme w/ Argon	WEA-N-300-00266-00003	0.27	0.15	0.34	46	Y	Y	Y	Y	1.53	0.6	0.05	15			
	1"	Zo-e-shield 6	WEA-N-300-00333-00003	0.34	0.16	0.34	52				Y	1.93	0.6	0.05	7			
	1"	Zo-e-shield 6 w/ Argon	WEA-N-300-00340-00003	0.31	0.16	0.34	55				Y	1.76	0.6	0.05	11			
	1"	Zo-e SafeGuard Certified	WEA-N-300-00337-00003	0.33	0.16	0.34	51				Y	1.87	0.6	0.05	8			
	1"	Zo-e SafeGuard Certified w/ Argon	WEA-N-300-00344-00003	0.30	0.16	0.34	56		Y	Y	Y	1.70	0.6	0.05	12			
	1"	Insul Low-E 240	WEA-N-300-00257-00003	0.35	0.15	0.22	52				Y	1.99	0.6	0.05	5			
	1"	Insul Low-E 240 w/Argon	WEA-N-300-00269-00003	0.32	0.15	0.22	55				Y	1.82	0.6	0.05	9			
	1"	Insul Low-E 340	WEA-N-300-00258-00003	0.35	0.11	0.21	53				Y	1.99	0.6	0.05	3			
	1"	Insul Low-E 340 w/Argon	WEA-N-300-00270-00003	0.31	0.11	0.21	56				Y	1.76	0.6	0.05	8			
	1"	Bronze Low E	WEA-N-300-00252-00013	0.35	0.22	0.29	53				Y	1.99	0.6	0.05	9			
1"	Bronze Low E w/Argon	WEA-N-300-00264-00013	0.32	0.22	0.29	56				Y	1.82	0.6	0.05	13				