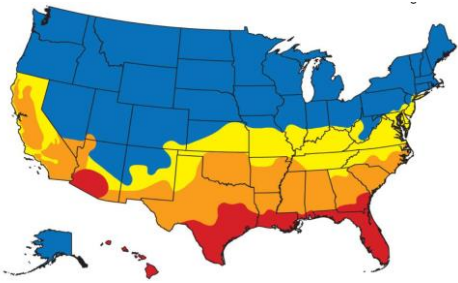
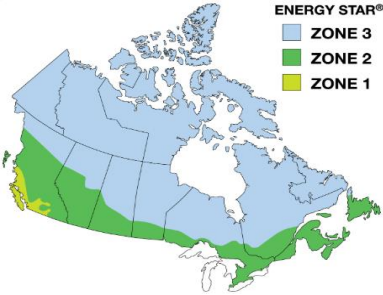


US Qualification Criteria	Climate Zone	U-Value	SHGC
 <p>As of January 2016</p>	Northern	<=0.30	<=0.40
	North-Central		<=0.25
	South-Central		
	Southern		

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**

**Premium French Sliding Patio Door (8715)**



US  
ENERGY STAR V  
6.0

CANADIAN ENERGY  
PERFORMANCE DATA



CANADA  
ENERGY  
STAR v 4.1

Grille Option	Glazing thickness	³NFRC Total Unit Calculations ⁴Glazing Option	CPD #	U-Value	Solar Heat Gain Coefficient	Visible Light Transmittance	Condensation Resistance Rating	US ENERGY STAR V 6.0				CANADIAN ENERGY PERFORMANCE DATA						
								N	NC	SC	S	U-Value (metric)	Maximum Air Leakage Ls/m²	Air Infiltration/Exfiltration Average	Energy Rating	1	2	3
No GIA or SDL	3/4"	Clear Insul	WEA-N-283-00146-00001	0.46	0.46	0.49	46					2.61	0.6	0.60	8			
	3/4"	Insul Low-E	WEA-N-283-00681-00001	0.35	0.24	0.42	51					1.99	0.6	1.37	8			
	3/4"	Insul Low E w/Argon	WEA-N-283-00687-00001	0.32	0.24	0.42	53					1.82	0.6	1.37	11			
	3/4"	Passive Solar	WEA-N-283-00567-00001	0.36	0.41	0.47	51					2.04	0.6	0.90	17			
	3/4"	Passive Solar w/Argon	WEA-N-283-00585-00001	0.33	0.41	0.47	54					1.87	0.6	0.90	21			
	3/4"	Zo-e-shield 5	WEA-N-283-00682-00001	0.35	0.18	0.37	51					1.99	0.6	1.37	4			
	3/4"	Zo-e-shield 5 w/ Argon	WEA-N-283-00688-00001	0.32	0.18	0.37	53					1.82	0.6	1.37	8			
	3/4"	Zo-e-shield 5 Extreme	WEA-N-283-00537-00001	0.31	0.17	0.38	49					1.76	0.6	0.90	10			
	3/4"	Zo-e-shield 5 Extreme w/ Argon	WEA-N-283-00553-00001	0.29	0.17	0.38	44	Y	Y	Y	Y	1.65	0.6	0.90	12			
	3/4"	Zo-e-shield 6	WEA-N-283-00540-00001	0.41	0.18	0.38	45					2.33	0.6	0.90	-2			
	3/4"	Zo-e-shield 6 w/ Argon	WEA-N-283-00556-00001	0.37	0.18	0.38	48					2.10	0.6	0.90	3			
	3/4"	Zo-e SafeGuard Certified	WEA-N-283-00544-00001	0.40	0.18	0.37	45					2.27	0.6	0.90	-1			
	3/4"	Zo-e SafeGuard Certified w/ Argon	WEA-N-283-00560-00001	0.36	0.18	0.37	49					2.04	0.6	0.90	4			
	3/4"	Insul Low-E 240	WEA-N-283-00573-00001	0.35	0.16	0.23	51					1.99	0.6	0.90	4			
	3/4"	Insul Low-E 240 w/Argon	WEA-N-283-00591-00001	0.33	0.16	0.23	54					1.87	0.6	0.90	7			
3/4"	Insul Low-E 340	WEA-N-283-00579-00001	0.35	0.12	0.23	52					1.99	0.6	0.90	2				
3/4"	Insul Low-E 340 w/Argon	WEA-N-283-00597-00001	0.32	0.12	0.23	55					1.82	0.6	0.90	5				
3/4"	Bronze Low E	WEA-N-283-00523-00011	0.35	0.23	0.30	51					1.99	0.6	0.60	9				
3/4"	Bronze Low E w/Argon	WEA-N-283-00529-00011	0.32	0.23	0.30	54					1.82	0.6	0.90	12				
Less Than 1" GIA or SDL	3/4"	Clear Insul	WEA-N-283-00147-00001	0.46	0.40	0.42	46					2.61	0.6	0.60	5			
	3/4"	Insul Low-E	WEA-N-283-00681-00002	0.35	0.21	0.36	51					1.99	0.6	1.37	6			
	3/4"	Insul Low E w/Argon	WEA-N-283-00687-00002	0.32	0.21	0.36	53					1.82	0.6	1.37	10			
	3/4"	Passive Solar	WEA-N-283-00567-00002	0.36	0.35	0.41	51					2.04	0.6	0.90	14			
	3/4"	Passive Solar w/Argon	WEA-N-283-00585-00002	0.33	0.36	0.41	54					1.87	0.6	0.90	18			
	3/4"	Zo-e-shield 5	WEA-N-283-00682-00002	0.35	0.16	0.32	51					1.99	0.6	1.37	3			
	3/4"	Zo-e-shield 5 w/ Argon	WEA-N-283-00688-00002	0.32	0.15	0.32	53					1.82	0.6	1.37	6			
	3/4"	Zo-e-shield 5 Extreme	WEA-N-283-00537-00002	0.31	0.15	0.32	49					1.76	0.6	0.90	8			
	3/4"	Zo-e-shield 5 Extreme w/ Argon	WEA-N-283-00553-00002	0.29	0.15	0.32	44	Y	Y	Y	Y	1.65	0.6	0.90	11			
	3/4"	Zo-e-shield 6	WEA-N-283-00541-00001	0.44	0.16	0.32	45					2.50	0.6	0.90	-7			
	3/4"	Zo-e-shield 6 w/ Argon	WEA-N-283-00557-00001	0.40	0.16	0.32	48					2.27	0.6	0.90	-2			
	3/4"	Zo-e SafeGuard Certified	WEA-N-283-00545-00001	0.43	0.16	0.32	45					2.44	0.6	0.90	-6			
	3/4"	Zo-e SafeGuard Certified w/ Argon	WEA-N-283-00561-00001	0.39	0.15	0.32	49					2.21	0.6	0.90	-2			
	3/4"	Insul Low-E 240	WEA-N-283-00573-00002	0.35	0.14	0.20	51					1.99	0.6	0.90	3			
	3/4"	Insul Low-E 240 w/Argon	WEA-N-283-00591-00002	0.33	0.14	0.20	54					1.87	0.6	0.90	5			
3/4"	Insul Low-E 340	WEA-N-283-00579-00002	0.35	0.11	0.20	52					1.99	0.6	0.90	1				
3/4"	Insul Low-E 340 w/Argon	WEA-N-283-00597-00002	0.32	0.10	0.20	55					1.82	0.6	0.90	4				
3/4"	Bronze Low E	WEA-N-283-00523-00012	0.35	0.20	0.26	51					1.99	0.6	0.60	7				
3/4"	Bronze Low E w/Argon	WEA-N-283-00529-00012	0.32	0.20	0.26	54					1.82	0.6	0.90	10				
1" Or Over GIA or SDL	3/4"	Clear Insul	WEA-N-283-00147-00002	0.46	0.34	0.36	46					2.61	0.6	0.60	1			
	3/4"	Insul Low-E	WEA-N-283-00681-00003	0.35	0.18	0.31	51					1.99	0.6	1.37	4			
	3/4"	Insul Low E w/Argon	WEA-N-283-00687-00003	0.32	0.18	0.31	53					1.82	0.6	1.37	8			
	3/4"	Passive Solar	WEA-N-283-00567-00003	0.36	0.30	0.35	51					2.04	0.6	0.90	11			
	3/4"	Passive Solar w/Argon	WEA-N-283-00585-00003	0.33	0.31	0.35	54					1.87	0.6	0.90	15			
	3/4"	Zo-e-shield 5	WEA-N-283-00682-00003	0.35	0.14	0.27	51					1.99	0.6	1.37	2			
	3/4"	Zo-e-shield 5 w/ Argon	WEA-N-283-00688-00003	0.32	0.14	0.27	53					1.82	0.6	1.37	6			
	3/4"	Zo-e-shield 5 Extreme	WEA-N-283-00537-00003	0.31	0.13	0.28	49					1.76	0.6	0.90	7			
	3/4"	Zo-e-shield 5 Extreme w/ Argon	WEA-N-283-00553-00003	0.29	0.13	0.28	44	Y	Y	Y	Y	1.65	0.6	0.90	10			
	3/4"	Zo-e-shield 6	WEA-N-283-00541-00002	0.44	0.14	0.28	45					2.50	0.6	0.90	-8			
	3/4"	Zo-e-shield 6 w/ Argon	WEA-N-283-00557-00002	0.40	0.14	0.28	48					2.27	0.6	0.90	-3			
	3/4"	Zo-e SafeGuard Certified	WEA-N-283-00545-00002	0.43	0.14	0.27	45					2.44	0.6	0.90	-7			
	3/4"	Zo-e SafeGuard Certified w/ Argon	WEA-N-283-00561-00002	0.39	0.13	0.27	49					2.21	0.6	0.90	-3			
	3/4"	Insul Low-E 240	WEA-N-283-00573-00003	0.35	0.13	0.17	51					1.99	0.6	0.90	2			
	3/4"	Insul Low-E 240 w/Argon	WEA-N-283-00591-00003	0.33	0.12	0.17	54					1.87	0.6	0.90	4			
3/4"	Insul Low-E 340	WEA-N-283-00579-00003	0.35	0.10	0.17	52					1.99	0.6	0.90	0				
3/4"	Insul Low-E 340 w/Argon	WEA-N-283-00597-00003	0.32	0.09	0.17	55					1.82	0.6	0.90	4				
3/4"	Bronze Low E	WEA-N-283-00523-00013	0.35	0.18	0.22	51					1.99	0.6	0.90	5				
3/4"	Bronze Low E w/Argon	WEA-N-283-00529-00013	0.32	0.17	0.22	54					1.82	0.6	0.90	8				