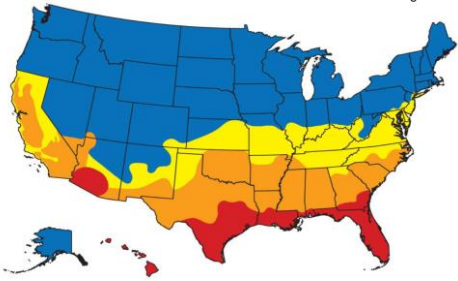
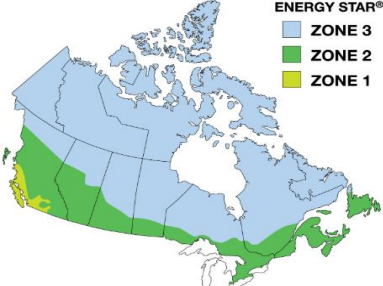


US Qualification Criteria	Climate Zone	U-Value	SHGC
 <p>As of January 2016</p>	Northern	<=0.30	<=0.40
	North-Central		<=0.25
	South-Central		
	Southern		

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**

**Contemporary 1-3/4" Multi-Slide Door (8720)**



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				CANADA ENERGY STAR v 4.1		
								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-311-00606-00001	0.51	0.59	0.62	45					2.90	0.6	1.32	8			
	3/4"	Insul Low-E	WEA-N-311-00607-00001	0.38	0.29	0.53	49					2.16	0.6	1.32	7			
	3/4"	Insul Low E w/Argon	WEA-N-311-00613-00001	0.34	0.29	0.53	49					1.93	0.6	1.32	12			
	1"	Passive Solar	WEA-N-311-00463-00001	0.39	0.52	0.59	49					2.21	0.6	1.32	19			
	1"	Passive Solar w/Argon	WEA-N-311-00484-00001	0.36	0.52	0.59	50					2.04	0.6	1.32	23			
	3/4"	Zo-e-shield 5	WEA-N-311-00608-00001	0.38	0.22	0.47	49				Y	2.16	0.6	1.32	3			
	3/4"	Zo-e-shield 5 w/ Argon	WEA-N-311-00614-00001	0.34	0.21	0.47	49				Y	1.93	0.6	1.32	7			
	1"	Zo-e-shield 5 Extreme	WEA-N-311-00430-00001	0.33	0.21	0.47	43					1.87	0.6	1.32	9			
	1"	Zo-e-shield 5 Extreme w/ Argon	WEA-N-311-00448-00001	0.30	0.21	0.47	46	Y	Y	Y	Y	1.70	0.6	1.32	12			
	1"	Zo-e-shield 6	WEA-N-311-00433-00001	0.37	0.21	0.48	50					2.10	0.6	1.32	4			
	1"	Zo-e-shield 6 w/ Argon	WEA-N-311-00451-00001	0.34	0.21	0.48	50					1.93	0.6	1.32	7			
	1"	Zo-e SafeGuard Certified	WEA-N-311-00437-00001	0.37	0.21	0.47	50					2.10	0.6	1.32	4			
	1"	Zo-e SafeGuard Certified w/ Argon	WEA-N-311-00455-00001	0.34	0.21	0.47	50					1.93	0.6	1.32	7			
	1"	Insul Low-E 240	WEA-N-311-00470-00001	0.39	0.20	0.30	50					2.21	0.6	1.32	1			
	1"	Insul Low-E 240 w/Argon	WEA-N-311-00491-00001	0.35	0.19	0.30	50					1.99	0.6	1.32	5			
	1"	Insul Low-E 340	WEA-N-311-00477-00001	0.38	0.14	0.29	50					2.16	0.6	1.32	-2			
1"	Insul Low-E 340 w/Argon	WEA-N-311-00498-00001	0.35	0.14	0.29	50					1.99	0.6	1.32	2				
1"	Bronze Low E	WEA-N-311-00413-00011	0.38	0.30	0.40	50					2.16	0.6	1.32	7				
1"	Bronze Low E w/Argon	WEA-N-311-00420-00011	0.35	0.30	0.40	50					1.99	0.6	1.32	11				
Less Than 1" GIA or SDL	3/4"	Clear Insul	WEA-N-311-00606-00002	0.51	0.52	0.54	45					2.90	0.6	1.32	4			
	3/4"	Insul Low-E	WEA-N-311-00607-00002	0.38	0.26	0.46	49					2.16	0.6	1.32	5			
	3/4"	Insul Low E w/Argon	WEA-N-311-00613-00002	0.34	0.26	0.46	49					1.93	0.6	1.32	10			
	1"	Passive Solar	WEA-N-311-00463-00002	0.39	0.46	0.52	49					2.21	0.6	1.32	16			
	1"	Passive Solar w/Argon	WEA-N-311-00484-00002	0.36	0.46	0.52	50					2.04	0.6	1.32	19			
	3/4"	Zo-e-shield 5	WEA-N-311-00608-00002	0.38	0.19	0.41	49				Y	2.16	0.6	1.32	1			
	3/4"	Zo-e-shield 5 w/ Argon	WEA-N-311-00614-00002	0.34	0.19	0.41	49				Y	1.93	0.6	1.32	6			
	1"	Zo-e-shield 5 Extreme	WEA-N-311-00430-00002	0.33	0.18	0.41	43					1.87	0.6	1.32	7			
	1"	Zo-e-shield 5 Extreme w/ Argon	WEA-N-311-00448-00002	0.30	0.18	0.41	46	Y	Y	Y	Y	1.70	0.6	1.32	11			
	1"	Zo-e-shield 6	WEA-N-311-00433-00002	0.37	0.19	0.41	50					2.10	0.6	1.32	2			
	1"	Zo-e-shield 6 w/ Argon	WEA-N-311-00451-00002	0.34	0.19	0.41	50					1.93	0.6	1.32	6			
	1"	Zo-e SafeGuard Certified	WEA-N-311-00437-00002	0.37	0.19	0.41	50					2.10	0.6	1.32	2			
	1"	Zo-e SafeGuard Certified w/ Argon	WEA-N-311-00455-00002	0.34	0.19	0.41	50					1.93	0.6	1.32	6			
	1"	Insul Low-E 240	WEA-N-311-00470-00002	0.39	0.18	0.26	50					2.21	0.6	1.32	-1			
	1"	Insul Low-E 240 w/Argon	WEA-N-311-00491-00002	0.35	0.17	0.26	50					1.99	0.6	1.32	4			
	1"	Insul Low-E 340	WEA-N-311-00477-00002	0.38	0.13	0.25	50					2.16	0.6	1.32	-2			
1"	Insul Low-E 340 w/Argon	WEA-N-311-00498-00002	0.35	0.13	0.25	50					1.99	0.6	1.32	1				
1"	Bronze Low E	WEA-N-311-00413-00012	0.38	0.27	0.35	50					2.16	0.6	1.32	6				
1"	Bronze Low E w/Argon	WEA-N-311-00420-00012	0.35	0.26	0.35	50					1.99	0.6	1.32	9				
1" Or Over GIA or SDL	3/4"	Clear Insul	WEA-N-311-00606-00003	0.51	0.45	0.46	45					2.90	0.6	1.32	0			
	3/4"	Insul Low-E	WEA-N-311-00607-00003	0.38	0.23	0.40	49				Y	2.16	0.6	1.32	3			
	3/4"	Insul Low E w/Argon	WEA-N-311-00613-00003	0.34	0.23	0.40	49				Y	1.93	0.6	1.32	8			
	1"	Passive Solar	WEA-N-311-00463-00003	0.39	0.40	0.45	49					2.21	0.6	1.32	12			
	1"	Passive Solar w/Argon	WEA-N-311-00484-00003	0.36	0.40	0.45	50					2.04	0.6	1.32	16			
	3/4"	Zo-e-shield 5	WEA-N-311-00608-00003	0.38	0.17	0.35	49				Y	2.16	0.6	1.32	0			
	3/4"	Zo-e-shield 5 w/ Argon	WEA-N-311-00614-00003	0.34	0.17	0.35	49				Y	1.93	0.6	1.32	5			
	1"	Zo-e-shield 5 Extreme	WEA-N-311-00430-00003	0.33	0.16	0.36	43					1.87	0.6	1.32	6			
	1"	Zo-e-shield 5 Extreme w/ Argon	WEA-N-311-00448-00003	0.30	0.16	0.36	46	Y	Y	Y	Y	1.70	0.6	1.32	9			
	1"	Zo-e-shield 6	WEA-N-311-00433-00003	0.37	0.17	0.36	50					2.10	0.6	1.32	1			
	1"	Zo-e-shield 6 w/ Argon	WEA-N-311-00451-00003	0.34	0.16	0.36	50					1.93	0.6	1.32	4			
	1"	Zo-e SafeGuard Certified	WEA-N-311-00437-00003	0.37	0.17	0.36	50					2.10	0.6	1.32	1			
	1"	Zo-e SafeGuard Certified w/ Argon	WEA-N-311-00455-00003	0.34	0.16	0.36	50					1.93	0.6	1.32	4			
	1"	Insul Low-E 240	WEA-N-311-00470-00003	0.39	0.16	0.23	50					2.21	0.6	1.32	-2			
	1"	Insul Low-E 240 w/Argon	WEA-N-311-00491-00003	0.35	0.15	0.23	50					1.99	0.6	1.32	2			
	1"	Insul Low-E 340	WEA-N-311-00477-00003	0.38	0.12	0.22	50					2.16	0.6	1.32	-3			
1"	Insul Low-E 340 w/Argon	WEA-N-311-00498-00003	0.35	0.11	0.22	50					1.99	0.6	1.32	0				
1"	Bronze Low E	WEA-N-311-00413-00013	0.38	0.23	0.30	50					2.16	0.6	1.32	3				
1"	Bronze Low E w/Argon	WEA-N-311-00420-00013	0.35	0.23	0.30	50					1.99	0.6	1.32	7				