



US Qualification Criteria	Climate Zone	U-Value	SHGC
 <p>■ Northern ■ North-Central ■ South-Central ■ Southern</p>	Northern	<=0.26	<=0.40
	North-Central		
	South-Central	<=0.28	<=0.23
	Southern		

Energy Star Version 7.0 Starting October 2023

Canadian Qualification Criteria	U-Value	or	Energy Rating
	<=1.22		>=34
	Air Leakage <= 1.5 L/s/m2		

Energy Star Version 5.0 starting January 2020

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 glass lite thicknesses.

ENERGY PERFORMANCE DATA										ENERGY STAR		CANADIAN ENERGY PERFORMANCE DATA				ENERGY STAR	
Contemporary Sliding Patio Door (8717)										US ENERGY STAR V 7.0						CANADA ENERGY STAR v5.0	
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 7.0				U-Value (metric)	Maximum Air Leakage L/s/m2	Air Infiltration/Exfiltration Average	Energy Rating		
								N	NC	SC	S						
No GIA or SDL	1"	Clear Insul	WEA-N-300-00251-00001	0.47	0.57	0.59	43					2.67	1.5	0.05	14		
	1"	Insul Low-E	WEA-N-300-00252-00001	0.35	0.30	0.52	53					1.99	1.5	0.05	14		
	1"	Insul Low E w/Argon	WEA-N-300-00264-00001	0.32	0.30	0.52	56					1.82	1.5	0.05	17		
	1"	Passive Solar	WEA-N-300-00255-00001	0.35	0.50	0.57	53					1.99	1.5	0.05	25		
	1"	Passive Solar w/Argon	WEA-N-300-00267-00001	0.32	0.50	0.57	55					1.82	1.5	0.05	29		
	1"	Passive Solar Extreme	WEA-N-300-00256-00001	0.30	0.45	0.56	42					1.70	1.5	0.05	29		
	1"	Passive Solar Extreme w/Argon	WEA-N-300-00268-00001	0.28	0.46	0.56	45					1.59	1.5	0.05	32		
	1"	Zo-e-shield 5	WEA-N-300-00253-00001	0.34	0.20	0.47	53					1.93	1.5	0.05	9		
	1"	Zo-e-shield 5 w/ Argon	WEA-N-300-00265-00001	0.31	0.20	0.47	56					1.76	1.5	0.05	13		
	1"	Zo-e-shield 5 Extreme	WEA-N-300-00254-00001	0.29	0.20	0.45	43					1.65	1.5	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	1.53	1.5	0.05	18		
	1"	Zo-e-shield 6	WEA-N-300-00333-00001	0.34	0.20	0.46	52					1.93	1.5	0.05	9		
	1"	Zo-e-shield 6 w/ Argon	WEA-N-300-00340-00001	0.31	0.20	0.46	55					1.76	1.5	0.05	13		
	1"	Zo-e SafeGuard Certified	WEA-N-300-00337-00001	0.33	0.20	0.46	51					1.87	1.5	0.05	11		
	1"	Zo-e SafeGuard Certified w/ Argon	WEA-N-300-00344-00001	0.30	0.20	0.46	56					1.70	1.5	0.05	14		
	1"	Zo-e-shield 7	WEA-N-300-00259-00001	0.28	0.19	0.37	59			Y	Y	1.59	1.5	0.05	16		
	1"	Zo-e-shield 7 w/ Argon	WEA-N-300-00271-00001	0.25	0.18	0.37	62	Y	Y	Y	Y	1.42	1.5	0.05	19		
	1"	Insul Low-E 240	WEA-N-300-00257-00001	0.35	0.19	0.29	52					1.99	1.5	0.05	7		
	1"	Insul Low-E 240 w/Argon	WEA-N-300-00269-00001	0.32	0.19	0.29	55					1.82	1.5	0.05	11		
	1"	Insul Low-E 340	WEA-N-300-00258-00001	0.35	0.14	0.28	53					1.99	1.5	0.05	4		
1"	Insul Low-E 340 w/Argon	WEA-N-300-00270-00001	0.31	0.13	0.28	56					1.76	1.5	0.05	9			
1"	Bronze Low E	WEA-N-300-00252-00011	0.35	0.29	0.38	53					1.99	1.5	0.05	13			
1"	Bronze Low E w/Argon	WEA-N-300-00264-00011	0.32	0.29	0.38	56					1.82	1.5	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	1.5	0.05	10		
	1"	Insul Low-E	WEA-N-300-00252-00002	0.35	0.27	0.45	53					1.99	1.5	0.05	12		
	1"	Insul Low E w/Argon	WEA-N-300-00264-00002	0.32	0.27	0.45	56					1.82	1.5	0.05	16		
	1"	Passive Solar	WEA-N-300-00255-00002	0.35	0.44	0.50	53					1.99	1.5	0.05	22		
	1"	Passive Solar w/Argon	WEA-N-300-00267-00002	0.32	0.44	0.50	55					1.82	1.5	0.05	25		
	1"	Passive Solar Extreme	WEA-N-300-00256-00002	0.30	0.40	0.48	42					1.70	1.5	0.05	26		
	1"	Passive Solar Extreme w/Argon	WEA-N-300-00268-00002	0.28	0.40	0.48	45					1.59	1.5	0.05	28		
	1"	Zo-e-shield 5	WEA-N-300-00253-00002	0.34	0.18	0.41	53					1.93	1.5	0.05	8		
	1"	Zo-e-shield 5 w/ Argon	WEA-N-300-00265-00002	0.31	0.18	0.41	56					1.76	1.5	0.05	12		
	1"	Zo-e-shield 5 Extreme	WEA-N-300-00254-00002	0.29	0.18	0.40	43					1.65	1.5	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	1.53	1.5	0.05	17		
	1"	Zo-e-shield 6	WEA-N-300-00333-00002	0.34	0.18	0.40	52					1.93	1.5	0.05	8		
	1"	Zo-e-shield 6 w/ Argon	WEA-N-300-00340-00002	0.31	0.18	0.40	55					1.76	1.5	0.05	12		
	1"	Zo-e SafeGuard Certified	WEA-N-300-00337-00002	0.33	0.18	0.40	51					1.87	1.5	0.05	9		
	1"	Zo-e SafeGuard Certified w/ Argon	WEA-N-300-00344-00002	0.30	0.18	0.40	56					1.70	1.5	0.05	13		
	1"	Zo-e-shield 7	WEA-N-300-00260-00001	0.29	0.17	0.32	59					1.65	1.5	0.05	14		
	1"	Zo-e-shield 7 w/ Argon	WEA-N-300-00272-00001	0.26	0.16	0.32	62	Y	Y	Y	Y	1.48	1.5	0.05	17		
	1"	Insul Low-E 240	WEA-N-300-00257-00002	0.35	0.17	0.25	52					1.99	1.5	0.05	6		
	1"	Insul Low-E 240 w/Argon	WEA-N-300-00269-00002	0.32	0.17	0.25	55					1.82	1.5	0.05	10		
	1"	Insul Low-E 340	WEA-N-300-00258-00002	0.35	0.12	0.24	53					1.99	1.5	0.05	3		
1"	Insul Low-E 340 w/Argon	WEA-N-300-00270-00002	0.31	0.12	0.24	56					1.76	1.5	0.05	8			
1"	Bronze Low E	WEA-N-300-00252-00012	0.35	0.25	0.33	53					1.99	1.5	0.05	11			
1"	Bronze Low E w/Argon	WEA-N-300-00264-00012	0.32	0.25	0.33	56					1.82	1.5	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	1.5	0.05	6		
	1"	Insul Low-E	WEA-N-300-00252-00003	0.35	0.24	0.39	53					1.99	1.5	0.05	10		
	1"	Insul Low E w/Argon	WEA-N-300-00264-00003	0.32	0.23	0.39	56					1.82	1.5	0.05	13		
	1"	Passive Solar	WEA-N-300-00255-00003	0.35	0.38	0.43	53					1.99	1.5	0.05	18		
	1"	Passive Solar w/Argon	WEA-N-300-00267-00003	0.32	0.38	0.43	55					1.82	1.5	0.05	22		
	1"	Passive Solar Extreme	WEA-N-300-00256-00003	0.30	0.35	0.42	42					1.70	1.5	0.05	23		
	1"	Passive Solar Extreme w/Argon	WEA-N-300-00268-00003	0.28	0.35	0.42	45					1.59	1.5	0.05	25		
	1"	Zo-e-shield 5	WEA-N-300-00253-00003	0.34	0.16	0.35	53					1.93	1.5	0.05	7		
	1"	Zo-e-shield 5 w/ Argon	WEA-N-300-00265-00003	0.31	0.16	0.35	56					1.76	1.5	0.05	11		
	1"	Zo-e-shield 5 Extreme	WEA-N-300-00254-00003	0.29	0.16	0.34	43					1.65	1.5	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	1.53	1.5	0.05	15		
	1"	Zo-e-shield 6	WEA-N-300-00333-00003	0.34	0.16	0.34	52					1.93	1.5	0.05	7		
	1"	Zo-e-shield 6 w/ Argon	WEA-N-300-00340-00003	0.31	0.16	0.34	55					1.76	1.5	0.05	11		
	1"	Zo-e SafeGuard Certified	WEA-N-300-00337-00003	0.33	0.16	0.34	51					1.87	1.5	0.05	8		
	1"	Zo-e SafeGuard Certified w/ Argon	WEA-N-300-00344-00003	0.30	0.16	0.34	56					1.70	1.5	0.05	12		
	1"	Zo-e-shield 7	WEA-N-300-00260-00002	0.29	0.15	0.28	59					1.65	1.5	0.05	12		
	1"	Zo-e-shield 7 w/ Argon	WEA-N-300-00272-00002	0.26	0.15	0.28	62	Y	Y	Y	Y	1.48	1.5	0.05	16		
	1"	Insul Low-E 240	WEA-N-300-00257-00003	0.35	0.15	0.22	52					1.99	1.5	0.05	5		
	1"	Insul Low-E 240 w/Argon	WEA-N-300-00269-00003	0.32	0.15	0.22	55					1.82	1.5	0.05	9		
	1"	Insul Low-E 340	WEA-N-300-00258-00003	0.35	0.11	0.21	53					1.99	1.5	0.05	3		
1"	Insul Low-E 340 w/Argon	WEA-N-300-00270-00003	0.31	0.11	0.21	56					1.76	1.5	0.05	8			
1"	Bronze Low E	WEA-N-300-00252-00013	0.35	0.22	0.29	53					1.99	1.5	0.05	9			
1"	Bronze Low E w/Argon	WEA-N-300-00264-00013	0.32	0.22	0.29	56					1.82	1.5	0.05	13			