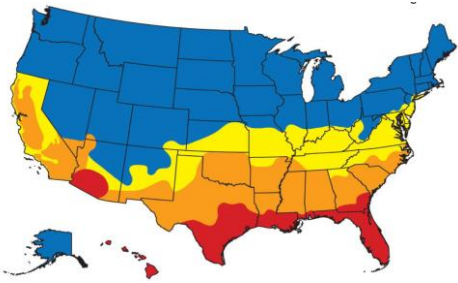
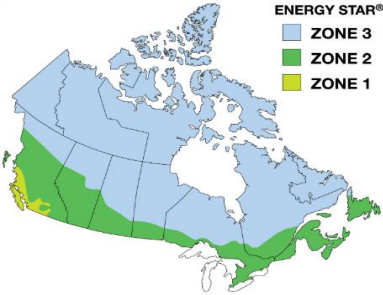


US Qualification Criteria	Climate Zone	U-Value	SHGC	
 <p>As of January 2016</p>	Northern	<=0.27	Any	Prescriptive
		=0.28	>=0.32	Equivalent Energy Performance
		=0.29	>=0.37	
	North-Central	=0.30	>=0.42	
		<=0.30	<=0.40	
	South-Central	<=0.30	<=0.25	
Southern	<=0.40	<=0.25		

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

Signature Direct-Set Door Transom (830)



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-227-01205-00001	0.48	0.71	0.74	42					2.73	0.6	0.05	21			
	3/4"	Insul Low-E	WEA-N-227-01206-00001	0.32	0.35	0.63	53					1.82	0.6	0.05	20			
	3/4"	Insul Low E w/Argon	WEA-N-227-01212-00001	0.27	0.35	0.63	56	Y	Y			1.53	0.6	0.05	27	Y		
	3/4"	Passive Solar	WEA-N-227-00832-00001	0.32	0.62	0.72	54					1.82	0.6	0.05	36	Y	Y	Y
	3/4"	Passive Solar w/Argon	WEA-N-227-00862-00001	0.28	0.62	0.72	57	Y				1.59	0.6	0.05	41	Y	Y	Y
	3/4"	Zo-e-shield 5	WEA-N-227-01207-00001	0.32	0.26	0.56	53					1.82	0.6	0.05	15			
	3/4"	Zo-e-shield 5 w/ Argon	WEA-N-227-01213-00001	0.27	0.25	0.56	56	Y	Y	Y	Y	1.53	0.6	0.05	21	Y		
	3/4"	Zo-e-shield 5 Extreme	WEA-N-227-00787-00001	0.25	0.25	0.57	42	Y	Y	Y	Y	1.42	0.6	0.05	23	Y		
	3/4"	Zo-e-shield 5 Extreme w/ Argon	WEA-N-227-00812-00001	0.22	0.24	0.57	46	Y	Y	Y	Y	1.25	0.6	0.05	26	Y	Y	
	3/4"	Zo-e-shield 6	WEA-N-227-00792-00001	0.33	0.25	0.58	51					1.87	0.6	0.05	13			
	3/4"	Zo-e-shield 6 w/ Argon	WEA-N-227-00817-00001	0.28	0.25	0.58	55		Y	Y	Y	1.59	0.6	0.05	20	Y		
	3/4"	Zo-e SafeGuard Certified	WEA-N-227-00797-00001	0.33	0.25	0.57	46					1.87	0.6	0.10	13			
	3/4"	Zo-e SafeGuard Certified w/ Argon	WEA-N-227-00822-00001	0.28	0.25	0.57	56		Y	Y	Y	1.59	0.6	0.10	19	Y		
	3/4"	Insul Low-E 240	WEA-N-227-00842-00001	0.32	0.24	0.36	54					1.82	0.6	0.05	14			
	3/4"	Insul Low-E 240 w/Argon	WEA-N-227-00832-00001	0.28	0.23	0.36	57		Y	Y	Y	1.59	0.6	0.05	18	Y		
	Less Than 1" GIA or SDL	3/4"	Clear Insul	WEA-N-227-01205-00002	0.48	0.64	0.67	42					2.73	0.6	0.05	17		
3/4"		Insul Low-E	WEA-N-227-01206-00002	0.32	0.32	0.57	53					1.82	0.6	0.05	19			
3/4"		Insul Low E w/Argon	WEA-N-227-01212-00002	0.27	0.31	0.57	56	Y	Y			1.53	0.6	0.05	24	Y		
3/4"		Passive Solar	WEA-N-227-00832-00002	0.32	0.56	0.64	54					1.82	0.6	0.05	32	Y	Y	
3/4"		Passive Solar w/Argon	WEA-N-227-00862-00002	0.28	0.56	0.64	57	Y				1.59	0.6	0.05	37	Y	Y	Y
3/4"		Zo-e-shield 5	WEA-N-227-01207-00002	0.32	0.23	0.50	53					1.82	0.6	0.05	13			
3/4"		Zo-e-shield 5 w/ Argon	WEA-N-227-01213-00002	0.27	0.23	0.50	56	Y	Y	Y	Y	1.53	0.6	0.05	20	Y		
3/4"		Zo-e-shield 5 Extreme	WEA-N-227-00787-00002	0.25	0.22	0.51	42	Y	Y	Y	Y	1.42	0.6	0.05	22	Y		
3/4"		Zo-e-shield 5 Extreme w/ Argon	WEA-N-227-00812-00002	0.22	0.22	0.51	46	Y	Y	Y	Y	1.25	0.6	0.05	25	Y	Y	
3/4"		Zo-e-shield 6	WEA-N-227-01140-00001	0.35	0.23	0.52	51					1.99	0.6	0.05	10			
3/4"		Zo-e-shield 6 w/ Argon	WEA-N-227-01155-00001	0.29	0.23	0.52	55		Y	Y	Y	1.65	0.6	0.05	17			
3/4"		Zo-e SafeGuard Certified	WEA-N-227-01143-00001	0.35	0.23	0.52	46					1.99	0.6	0.05	10			
3/4"		Zo-e SafeGuard Certified w/ Argon	WEA-N-227-01158-00001	0.29	0.23	0.52	56		Y	Y	Y	1.65	0.6	0.05	17			
3/4"		Insul Low-E 240	WEA-N-227-00842-00002	0.32	0.21	0.33	54					1.82	0.6	0.05	12			
3/4"		Insul Low-E 240 w/Argon	WEA-N-227-00872-00002	0.28	0.21	0.33	57		Y	Y	Y	1.59	0.6	0.05	17	Y		
3/4"		Insul Low-E 340	WEA-N-227-00852-00002	0.31	0.15	0.32	54					1.76	0.6	0.05	10			
3/4"	Insul Low-E 340 w/Argon	WEA-N-227-00882-00002	0.27	0.15	0.32	58	Y	Y	Y	Y	1.53	0.6	0.05	15				
1" Or Over GIA or SDL	3/4"	Clear Insul	WEA-N-227-01205-00003	0.48	0.58	0.60	42					2.73	0.6	0.05	14			
	3/4"	Insul Low-E	WEA-N-227-01206-00003	0.32	0.29	0.51	53					1.82	0.6	0.05	17			
	3/4"	Insul Low E w/Argon	WEA-N-227-01212-00003	0.27	0.28	0.51	56	Y	Y			1.53	0.6	0.05	23	Y		
	3/4"	Passive Solar	WEA-N-227-00832-00003	0.32	0.50	0.58	54					1.82	0.6	0.05	29	Y		
	3/4"	Passive Solar w/Argon	WEA-N-227-00862-00003	0.28	0.50	0.58	57	Y				1.59	0.6	0.05	34	Y	Y	
	3/4"	Zo-e-shield 5	WEA-N-227-01207-00003	0.32	0.21	0.45	53					1.82	0.6	0.05	12			
	3/4"	Zo-e-shield 5 w/ Argon	WEA-N-227-01213-00003	0.27	0.21	0.45	56	Y	Y	Y	Y	1.53	0.6	0.05	19	Y		
	3/4"	Zo-e-shield 5 Extreme	WEA-N-227-00787-00003	0.25	0.20	0.46	42	Y	Y	Y	Y	1.42	0.6	0.05	20	Y		
	3/4"	Zo-e-shield 5 Extreme w/ Argon	WEA-N-227-00812-00003	0.22	0.20	0.46	46	Y	Y	Y	Y	1.25	0.6	0.05	24	Y	Y	
	3/4"	Zo-e-shield 6	WEA-N-227-01140-00002	0.35	0.21	0.46	51					1.99	0.6	0.05	8			
	3/4"	Zo-e-shield 6 w/ Argon	WEA-N-227-01155-00002	0.29	0.21	0.46	55		Y	Y	Y	1.65	0.6	0.05	16			
	3/4"	Zo-e SafeGuard Certified	WEA-N-227-01143-00002	0.35	0.21	0.46	46					1.99	0.6	0.05	8			
	3/4"	Zo-e SafeGuard Certified w/ Argon	WEA-N-227-01158-00002	0.29	0.21	0.46	56		Y	Y	Y	1.65	0.6	0.05	16			
	3/4"	Insul Low-E 240	WEA-N-227-00842-00003	0.32	0.20	0.29	54					1.82	0.6	0.05	12			
	3/4"	Insul Low-E 240 w/Argon	WEA-N-227-00872-00003	0.28	0.19	0.29	57		Y	Y	Y	1.59	0.6	0.05	16	Y		
	3/4"	Insul Low-E 340	WEA-N-227-00852-00003	0.31	0.14	0.28	54					1.76	0.6	0.05	9			
3/4"	Insul Low-E 340 w/Argon	WEA-N-227-00882-00003	0.27	0.14	0.28	58	Y	Y	Y	Y	1.53	0.6	0.05	14				
3/4"	Bronze Low E	WEA-N-227-00738-00003	0.32	0.29	0.39	54					1.82	0.6	0.05	17				
3/4"	Bronze Low E w/Argon	WEA-N-227-00763-00003	0.27	0.29	0.39	58	Y	Y			1.53	0.6	0.05	23	Y			