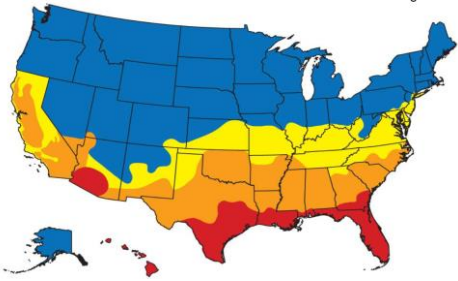
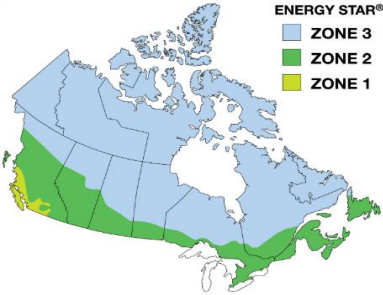


US Qualification Criteria	Climate Zone	U-Value	SHGC	
 <p>As of January 2016</p>	Northern	<=0.27	Any	Prescriptive
		=0.28	>=0.32	Equivalent Energy Performance
		=0.29	>=0.37	
		=0.30	>=0.42	
	North-Central	<=0.30	<=0.40	
South-Central	<=0.30	<=0.25		
	Southern	<=0.40	<=0.25	

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**.

^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														CANADIAN ENERGY PERFORMANCE DATA		ENERGY STAR		
Weather Shield Double Hung Windows (610)																		
Grille Option	Glazing thickness	a)NFRG Total Unit Calculations b)Glazing 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 Ls/m2	Air Infiltration/Exfiltration Average	Energy Rating	CANADA ENERGY STAR v 4.1		
								N	NC	SC	S					1	2	3
No GIA or SDL	3/4"	Clear Insul	WEA-N-228-00315-00001	0.45	0.54	0.57	43					2.56	0.6	0.05	15			
	3/4"	Insul Low-E	WEA-N-228-00316-00001	0.33	0.27	0.49	52					1.87	0.6	0.05	15			
	3/4"	Insul Low E w/Argon	WEA-N-228-00322-00001	0.30	0.27	0.49	56		Y			1.70	0.6	0.05	18			
	3/4"	Passive Solar	WEA-N-228-00297-00001	0.33	0.48	0.55	53					1.87	0.6	0.76	25	Y		
	3/4"	Passive Solar w/Argon	WEA-N-228-00306-00001	0.30	0.48	0.55	57	Y				1.70	0.6	0.76	29	Y		
	3/4"	Zo-e-shield 5	WEA-N-228-00317-00001	0.33	0.20	0.43	53				Y	1.87	0.6	0.05	11			
	3/4"	Zo-e-shield 5 w/ Argon	WEA-N-228-00323-00001	0.29	0.20	0.43	56		Y	Y	Y	1.65	0.6	0.05	15			
	3/4"	Zo-e-shield 5 Extreme	WEA-N-228-00282-00001	0.28	0.19	0.44	43		Y	Y	Y	1.59	0.6	0.76	15			
	3/4"	Zo-e-shield 5 Extreme w/ Argon	WEA-N-228-00290-00001	0.26	0.19	0.44	47	Y	Y	Y	Y	1.48	0.6	0.76	17	Y		
	3/4"	Zo-e-shield 6	WEA-N-228-00283-00001	0.34	0.20	0.44	52				Y	1.93	0.6	0.76	8			
	3/4"	Zo-e-shield 6 w/ Argon	WEA-N-228-00291-00001	0.30	0.19	0.44	56		Y	Y	Y	1.70	0.6	0.76	12			
	3/4"	Zo-e SafeGuard Certified	WEA-N-228-00285-00001	0.33	0.20	0.44	45				Y	1.87	0.6	0.76	9			
	3/4"	Zo-e SafeGuard Certified w/ Argon	WEA-N-228-00293-00001	0.29	0.19	0.44	56		Y	Y	Y	1.65	0.6	0.76	13			
	3/4"	Insul Low-E 240	WEA-N-228-00300-00001	0.33	0.18	0.28	54				Y	1.87	0.6	0.76	8			
	3/4"	Insul Low-E 240 w/Argon	WEA-N-228-00309-00001	0.30	0.18	0.28	57		Y	Y	Y	1.70	0.6	0.76	12			
	3/4"	Insul Low-E 340	WEA-N-228-00303-00001	0.32	0.13	0.27	54				Y	1.82	0.6	0.76	6			
3/4"	Insul Low-E 340 w/Argon	WEA-N-228-00312-00001	0.29	0.13	0.27	58		Y	Y	Y	1.65	0.6	0.76	10				
3/4"	Bronze Low E	WEA-N-228-00275-00011	0.33	0.28	0.37	54				Y	1.87	0.6	0.76	14				
3/4"	Bronze Low E w/Argon	WEA-N-228-00278-00011	0.30	0.28	0.37	57		Y			1.70	0.6	0.76	17				
Less Than 1" GIA or SDL	3/4"	Clear Insul	WEA-N-228-00315-00002	0.45	0.48	0.50	43					2.56	0.6	0.05	12			
	3/4"	Insul Low-E	WEA-N-228-00316-00002	0.33	0.24	0.43	52				Y	1.87	0.6	0.05	13			
	3/4"	Insul Low E w/Argon	WEA-N-228-00322-00002	0.30	0.24	0.43	56		Y	Y	Y	1.70	0.6	0.05	17			
	3/4"	Passive Solar	WEA-N-228-00297-00002	0.33	0.43	0.49	53					1.87	0.6	0.76	22			
	3/4"	Passive Solar w/Argon	WEA-N-228-00306-00002	0.30	0.43	0.49	57	Y				1.70	0.6	0.76	26	Y		
	3/4"	Zo-e-shield 5	WEA-N-228-00317-00002	0.33	0.18	0.38	53				Y	1.87	0.6	0.05	9			
	3/4"	Zo-e-shield 5 w/ Argon	WEA-N-228-00323-00002	0.29	0.18	0.38	56		Y	Y	Y	1.65	0.6	0.05	14			
	3/4"	Zo-e-shield 5 Extreme	WEA-N-228-00282-00002	0.28	0.17	0.39	43		Y	Y	Y	1.59	0.6	0.76	14			
	3/4"	Zo-e-shield 5 Extreme w/ Argon	WEA-N-228-00290-00002	0.26	0.17	0.39	47	Y	Y	Y	Y	1.48	0.6	0.76	16			
	3/4"	Zo-e-shield 6	WEA-N-228-00284-00001	0.35	0.18	0.39	52				Y	1.99	0.6	0.76	5			
	3/4"	Zo-e-shield 6 w/ Argon	WEA-N-228-00292-00001	0.31	0.18	0.39	56				Y	1.76	0.6	0.76	10			
	3/4"	Zo-e SafeGuard Certified	WEA-N-228-00286-00001	0.35	0.18	0.39	45				Y	1.99	0.6	0.76	5			
	3/4"	Zo-e SafeGuard Certified w/ Argon	WEA-N-228-00294-00001	0.31	0.18	0.39	56				Y	1.76	0.6	0.76	10			
	3/4"	Insul Low-E 240	WEA-N-228-00300-00002	0.33	0.17	0.25	54				Y	1.87	0.6	0.76	7			
	3/4"	Insul Low-E 240 w/Argon	WEA-N-228-00309-00002	0.30	0.16	0.25	57		Y	Y	Y	1.70	0.6	0.76	11			
	3/4"	Insul Low-E 340	WEA-N-228-00303-00002	0.32	0.12	0.24	54				Y	1.82	0.6	0.76	6			
3/4"	Insul Low-E 340 w/Argon	WEA-N-228-00312-00002	0.29	0.12	0.24	58		Y	Y	Y	1.65	0.6	0.76	9				
3/4"	Bronze Low E	WEA-N-228-00275-00012	0.33	0.25	0.33	54				Y	1.87	0.6	0.76	12				
3/4"	Bronze Low E w/Argon	WEA-N-228-00278-00012	0.30	0.25	0.33	57		Y	Y	Y	1.70	0.6	0.76	16				
1" Or Over GIA or SDL	3/4"	Clear Insul	WEA-N-228-00315-00003	0.45	0.43	0.44	43					2.56	0.6	0.05	9			
	3/4"	Insul Low-E	WEA-N-228-00316-00003	0.33	0.22	0.38	52				Y	1.87	0.6	0.05	12			
	3/4"	Insul Low E w/Argon	WEA-N-228-00322-00003	0.30	0.22	0.38	56		Y	Y	Y	1.70	0.6	0.05	15			
	3/4"	Passive Solar	WEA-N-228-00297-00003	0.33	0.38	0.43	53					1.87	0.6	0.76	19			
	3/4"	Passive Solar w/Argon	WEA-N-228-00306-00003	0.30	0.38	0.43	57		Y			1.70	0.6	0.76	23			
	3/4"	Zo-e-shield 5	WEA-N-228-00317-00003	0.33	0.16	0.33	53				Y	1.87	0.6	0.05	8			
	3/4"	Zo-e-shield 5 w/ Argon	WEA-N-228-00323-00003	0.29	0.16	0.33	56		Y	Y	Y	1.65	0.6	0.05	13			
	3/4"	Zo-e-shield 5 Extreme	WEA-N-228-00282-00003	0.28	0.16	0.34	43		Y	Y	Y	1.59	0.6	0.76	13			
	3/4"	Zo-e-shield 5 Extreme w/ Argon	WEA-N-228-00290-00003	0.26	0.15	0.34	47	Y	Y	Y	Y	1.48	0.6	0.76	15			
	3/4"	Zo-e-shield 6	WEA-N-228-00284-00002	0.35	0.16	0.34	52				Y	1.99	0.6	0.76	4			
	3/4"	Zo-e-shield 6 w/ Argon	WEA-N-228-00292-00002	0.31	0.16	0.34	56				Y	1.76	0.6	0.76	9			
	3/4"	Zo-e SafeGuard Certified	WEA-N-228-00286-00002	0.35	0.16	0.34	45				Y	1.99	0.6	0.76	4			
	3/4"	Zo-e SafeGuard Certified w/ Argon	WEA-N-228-00294-00002	0.31	0.16	0.34	56				Y	1.76	0.6	0.76	9			
	3/4"	Insul Low-E 240	WEA-N-228-00300-00003	0.33	0.15	0.22	54				Y	1.87	0.6	0.76	6			
	3/4"	Insul Low-E 240 w/Argon	WEA-N-228-00309-00003	0.30	0.15	0.22	57		Y	Y	Y	1.70	0.6	0.76	10			
	3/4"	Insul Low-E 340	WEA-N-228-00303-00003	0.32	0.11	0.21	54				Y	1.82	0.6	0.76	5			
3/4"	Insul Low-E 340 w/Argon	WEA-N-228-00312-00003	0.29	0.11	0.21	58		Y	Y	Y	1.65	0.6	0.76	9				
3/4"	Bronze Low E	WEA-N-228-00275-00013	0.33	0.22	0.29	54				Y	1.87	0.6	0.76	10				
3/4"	Bronze Low E w/Argon	WEA-N-228-00278-00013	0.30	0.22	0.29	57		Y	Y	Y	1.70	0.6	0.76	14				