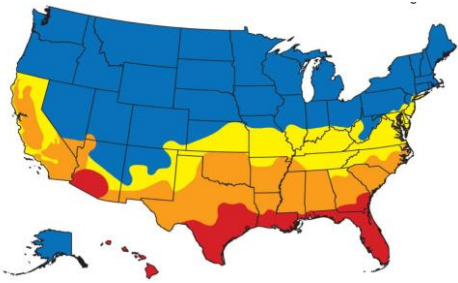
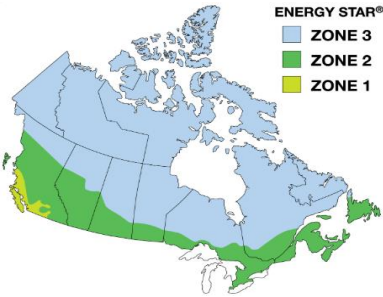


US Qualification Criteria	Climate Zone	U-Value	SHGC	
 <p>As of January 2016</p>	Northern	<=0.27	Any	Prescriptive
		=0.28	>=0.32	Equivalent Energy Performance
		=0.29	>=0.37	
	North-Central	=0.30	>=0.42	
		<=0.30	<=0.40	
	South-Central	<=0.30	<=0.25	
Southern	<=0.40	<=0.25		

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

Premium Wood Double Hung Windows (6120)



US ENERGY STAR V 6.0

CANADIAN ENERGY PERFORMANCE DATA



CANADA ENERGY STAR v 4.1

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-329-00091-00001	0.45	0.56	0.58	43					2.56	0.6	0.07	16			
	3/4"	Insul Low-E	WEA-N-329-00092-00001	0.33	0.28	0.50	53					1.87	0.6	0.07	15			
	3/4"	Insul Low E w/Argon	WEA-N-329-00098-00001	0.30	0.27	0.50	56		Y			1.70	0.6	0.07	18			
	3/4"	Passive Solar	WEA-N-329-00005-00001	0.34	0.49	0.56	52					1.93	0.6	0.07	26	Y		
	3/4"	Passive Solar w/Argon	WEA-N-329-00013-00001	0.31	0.49	0.56	55					1.76	0.6	0.07	30	Y	Y	
	3/4"	Passive Solar Extreme	WEA-N-329-00006-00001	0.29	0.44	0.55	41	Y				1.65	0.6	0.07	29	Y	Y	
	3/4"	Passive Solar Extreme w/Argon	WEA-N-329-00014-00001	0.27	0.44	0.55	45	Y				1.53	0.6	0.07	32	Y	Y	
	3/4"	Zo-e-shield 5	WEA-N-329-00093-00001	0.33	0.19	0.43	53				Y	1.87	0.6	0.07	10			
	3/4"	Zo-e-shield 5 w/ Argon	WEA-N-329-00099-00001	0.29	0.18	0.43	56		Y	Y	Y	1.65	0.6	0.07	14			
	3/4"	Zo-e-shield 5 Extreme	WEA-N-329-00004-00001	0.28	0.19	0.45	42		Y	Y	Y	1.59	0.6	0.07	16	Y		
	3/4"	Zo-e-shield 5 Extreme w/ Argon	WEA-N-329-00012-00001	0.26	0.19	0.45	46	Y	Y	Y	Y	1.48	0.6	0.07	18	Y		
	3/4"	Zo-e-shield 6	WEA-N-329-00051-00001	0.33	0.20	0.45	55				Y	1.87	0.6	0.07	10			
	3/4"	Zo-e-shield 6 w/ Argon	WEA-N-329-00059-00001	0.30	0.19	0.45	58		Y	Y	Y	1.70	0.6	0.07	14			
	3/4"	Zo-e SafeGuard Certified	WEA-N-329-00056-00001	0.33	0.19	0.45	55				Y	1.87	0.6	0.07	10			
	3/4"	Zo-e SafeGuard Certified w/ Argon	WEA-N-329-00064-00001	0.29	0.19	0.45	58		Y	Y	Y	1.65	0.6	0.07	15			
	3/4"	Zo-e-shield 7	WEA-N-329-00033-00001	0.27	0.18	0.37	63	Y	Y	Y	Y	1.53	0.6	0.07	17	Y		
	3/4"	Zo-e-shield 7 w/ Argon	WEA-N-329-00037-00001	0.24	0.18	0.37	66	Y	Y	Y	Y	1.36	0.6	0.07	20	Y	Y	
	3/4"	Insul Low-E 240	WEA-N-329-00007-00001	0.34	0.19	0.28	52				Y	1.93	0.6	0.07	9			
	3/4"	Insul Low-E 240 w/Argon	WEA-N-329-00015-00001	0.31	0.18	0.28	55				Y	1.76	0.6	0.07	12			
	3/4"	Insul Low-E 340	WEA-N-329-00008-00001	0.33	0.13	0.27	53				Y	1.87	0.6	0.07	6			
3/4"	Insul Low-E 340 w/Argon	WEA-N-329-00016-00001	0.30	0.13	0.27	56		Y	Y	Y	1.70	0.6	0.07	10				
3/4"	Bronze Low E	WEA-N-329-00002-00011	0.33	0.28	0.38	53					1.87	0.6	0.07	15				
3/4"	Bronze Low E w/Argon	WEA-N-329-00010-00011	0.30	0.28	0.38	56		Y			1.70	0.6	0.07	19				
Less Than 1" GIA or SDL	3/4"	Clear Insul	WEA-N-329-00091-00002	0.45	0.50	0.51	43					2.56	0.6	0.07	13			
	3/4"	Insul Low-E	WEA-N-329-00092-00002	0.33	0.25	0.44	53				Y	1.87	0.6	0.07	13			
	3/4"	Insul Low E w/Argon	WEA-N-329-00098-00002	0.30	0.25	0.44	56		Y	Y	Y	1.70	0.6	0.07	17			
	3/4"	Passive Solar	WEA-N-329-00005-00002	0.34	0.43	0.50	52					1.93	0.6	0.07	22			
	3/4"	Passive Solar w/Argon	WEA-N-329-00013-00002	0.31	0.44	0.50	55					1.76	0.6	0.07	27	Y		
	3/4"	Passive Solar Extreme	WEA-N-329-00006-00002	0.29	0.39	0.49	41	Y	Y			1.65	0.6	0.07	26	Y		
	3/4"	Passive Solar Extreme w/Argon	WEA-N-329-00014-00002	0.27	0.40	0.49	45	Y	Y			1.53	0.6	0.07	29	Y	Y	
	3/4"	Zo-e-shield 5	WEA-N-329-00093-00002	0.33	0.17	0.38	53				Y	1.87	0.6	0.07	9			
	3/4"	Zo-e-shield 5 w/ Argon	WEA-N-329-00099-00002	0.29	0.17	0.38	56		Y	Y	Y	1.65	0.6	0.07	14			
	3/4"	Zo-e-shield 5 Extreme	WEA-N-329-00004-00002	0.28	0.17	0.40	42		Y	Y	Y	1.59	0.6	0.07	15			
	3/4"	Zo-e-shield 5 Extreme w/ Argon	WEA-N-329-00012-00002	0.26	0.17	0.40	46	Y	Y	Y	Y	1.48	0.6	0.07	17	Y		
	3/4"	Zo-e-shield 6	WEA-N-329-00051-00002	0.33	0.18	0.40	55				Y	1.87	0.6	0.07	9			
	3/4"	Zo-e-shield 6 w/ Argon	WEA-N-329-00059-00002	0.30	0.17	0.40	58		Y	Y	Y	1.70	0.6	0.07	12			
	3/4"	Zo-e SafeGuard Certified	WEA-N-329-00056-00002	0.33	0.17	0.39	55				Y	1.87	0.6	0.07	9			
	3/4"	Zo-e SafeGuard Certified w/ Argon	WEA-N-329-00064-00002	0.29	0.17	0.39	58		Y	Y	Y	1.65	0.6	0.07	14			
	3/4"	Zo-e-shield 7	WEA-N-329-00034-00001	0.27	0.16	0.32	63	Y	Y	Y	Y	1.53	0.6	0.07	16			
	3/4"	Zo-e-shield 7 w/ Argon	WEA-N-329-00038-00001	0.24	0.16	0.32	66	Y	Y	Y	Y	1.36	0.6	0.07	19	Y		
	3/4"	Insul Low-E 240	WEA-N-329-00007-00002	0.34	0.17	0.25	52				Y	1.93	0.6	0.07	7			
	3/4"	Insul Low-E 240 w/Argon	WEA-N-329-00015-00002	0.31	0.16	0.25	55				Y	1.76	0.6	0.07	11			
	3/4"	Insul Low-E 340	WEA-N-329-00008-00002	0.33	0.12	0.24	53				Y	1.87	0.6	0.07	6			
3/4"	Insul Low-E 340 w/Argon	WEA-N-329-00016-00002	0.30	0.12	0.24	56		Y	Y	Y	1.70	0.6	0.07	10				
3/4"	Bronze Low E	WEA-N-329-00002-00012	0.33	0.25	0.34	53				Y	1.87	0.6	0.07	13				
3/4"	Bronze Low E w/Argon	WEA-N-329-00010-00012	0.30	0.25	0.34	56		Y	Y	Y	1.70	0.6	0.07	17				
1" Or Over GIA or SDL	3/4"	Clear Insul	WEA-N-329-00091-00003	0.45	0.44	0.45	43					2.56	0.6	0.07	9			
	3/4"	Insul Low-E	WEA-N-329-00092-00003	0.33	0.22	0.39	53				Y	1.87	0.6	0.07	12			
	3/4"	Insul Low E w/Argon	WEA-N-329-00098-00003	0.30	0.22	0.39	56		Y	Y	Y	1.70	0.6	0.07	15			
	3/4"	Passive Solar	WEA-N-329-00005-00003	0.34	0.38	0.44	52					1.93	0.6	0.07	20			
	3/4"	Passive Solar w/Argon	WEA-N-329-00013-00003	0.31	0.39	0.44	55					1.76	0.6	0.07	24			
	3/4"	Passive Solar Extreme	WEA-N-329-00006-00003	0.29	0.35	0.43	41		Y			1.65	0.6	0.07	24			
	3/4"	Passive Solar Extreme w/Argon	WEA-N-329-00014-00003	0.27	0.35	0.43	45	Y	Y			1.53	0.6	0.07	27	Y		
	3/4"	Zo-e-shield 5	WEA-N-329-00093-00003	0.33	0.15	0.34	53				Y	1.87	0.6	0.07	8			
	3/4"	Zo-e-shield 5 w/ Argon	WEA-N-329-00099-00003	0.29	0.15	0.34	56		Y	Y	Y	1.65	0.6	0.07	12			
	3/4"	Zo-e-shield 5 Extreme	WEA-N-329-00004-00003	0.28	0.16	0.35	42		Y	Y	Y	1.59	0.6	0.07	14			
	3/4"	Zo-e-shield 5 Extreme w/ Argon	WEA-N-329-00012-00003	0.26	0.16	0.35	46	Y	Y	Y	Y	1.48	0.6	0.07	17	Y		
	3/4"	Zo-e-shield 6	WEA-N-329-00051-00003	0.33	0.16	0.35	55				Y	1.87	0.6	0.07	8			
	3/4"	Zo-e-shield 6 w/ Argon	WEA-N-329-00059-00003	0.30	0.16	0.35	58		Y	Y	Y	1.70	0.6	0.07	12			
	3/4"	Zo-e SafeGuard Certified	WEA-N-329-00056-00003	0.33	0.16	0.35	55				Y	1.87	0.6	0.07	8			
	3/4"	Zo-e SafeGuard Certified w/ Argon	WEA-N-329-00064-00003	0.29	0.16	0.35	58		Y	Y	Y	1.65	0.6	0.07	13			
	3/4"	Zo-e-shield 7	WEA-N-329-00034-00002	0.27	0.15	0.28	63	Y	Y	Y	Y	1.53	0.6	0.07	15			
	3/4"	Zo-e-shield 7 w/ Argon	WEA-N-329-00038-00002	0.24	0.15	0.28	66	Y	Y	Y	Y	1.36	0.6	0.07	19	Y		
	3/4"	Insul Low-E 240	WEA-N-329-00007-00003	0.34	0.15	0.22	52				Y	1.93	0.6	0.07	6			
	3/4"	Insul Low-E 240 w/Argon	WEA-N-329-00015-00003	0.31	0.15	0.22	55				Y	1.76	0.6	0.07	10			
	3/4"	Insul Low-E 340	WEA-N-329-00008-00003	0.33	0.11	0.21	53				Y	1.87	0.6	0.07	5			
3/4"	Insul Low-E 340 w/Argon	WEA-N-329-00016-00003	0.30	0.11	0.21	56		Y	Y	Y	1.70	0.6	0.07	9				
3/4"	Bronze Low E	WEA-N-329-00002-00013	0.33	0.23	0.30	53				Y	1.87	0.6	0.07	12				
3/4"	Bronze Low E w/Argon	WEA-N-329-00010-00013	0.30	0.22	0.30	56		Y	Y	Y	1.70	0.6	0.07	15				