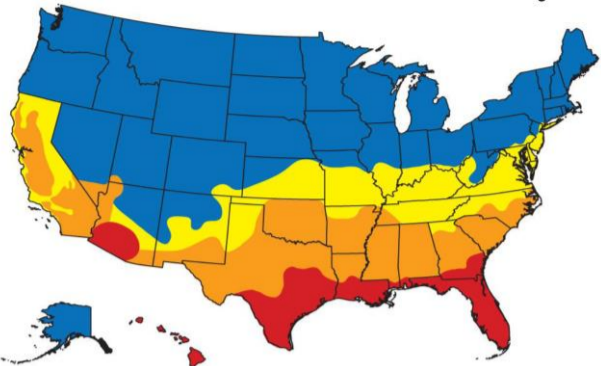
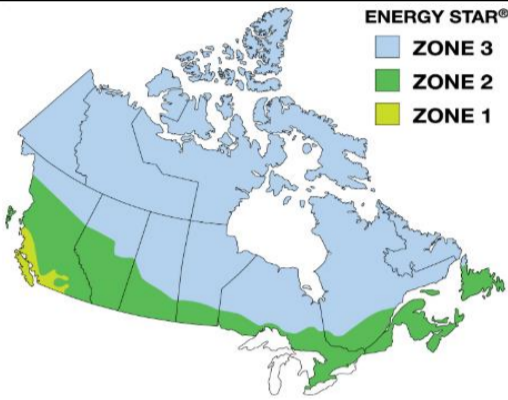


US Qualification Criteria	Climate Zone	U-Value	SHGC	
 <p>As of January 2016</p>	Northern	<=0.27	Any	Prescriptive
		=0.28	>=0.32	Equivalent Energy Performance
		=0.29	>=0.37	
		=0.30	>=0.42	
	North-Central	<=0.30	<=0.40	
	South-Central	<=0.30	<=0.25	
Southern	<=0.40	<=0.25		

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								ENERGY STAR		CANADIAN ENERGY PERFORMANCE DATA				ENERGY STAR					
Premium Wood Direct-Set Windows (6304)								US ENERGY STAR V 6.0						CANADA ENERGY STAR v 4.1					
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 6.0				U-Value (metric)	Maximum Air Leakage L/s/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-333-00001-00001	0.46	0.67	0.71	44					2.61	-	0.00	22				
	3/4"	Insul Low-E	WEA-N-333-00002-00001	0.31	0.36	0.62	55					1.76	-	0.00	22				
	3/4"	Insul Low E w/Argon	WEA-N-333-00010-00001	0.27	0.36	0.62	59	Y	Y			1.53	-	0.00	27	Y			
	3/4"	Passive Solar	WEA-N-333-00005-00001	0.31	0.59	0.68	55					1.76	-	0.00	36	Y	Y	Y	
	3/4"	Passive Solar w/Argon	WEA-N-333-00013-00001	0.28	0.59	0.68	58	Y				1.59	-	0.00	39	Y	Y	Y	
	3/4"	Passive Solar Extreme	WEA-N-333-00006-00001	0.25	0.54	0.67	43	Y				1.42	-	0.00	40	Y	Y	Y	
	3/4"	Passive Solar Extreme w/Argon	WEA-N-333-00014-00001	0.23	0.54	0.67	46	Y				1.31	-	0.00	43	Y	Y	Y	
	3/4"	Zo-e-shield 5	WEA-N-333-00003-00001	0.30	0.24	0.56	56		Y	Y	Y		1.70	-	0.00	17			
	3/4"	Zo-e-shield 5 w/ Argon	WEA-N-333-00011-00001	0.26	0.23	0.56	59	Y	Y	Y	Y		1.48	-	0.00	21	Y		
	3/4"	Zo-e-shield 5 Extreme	WEA-N-333-00004-00001	0.25	0.23	0.55	44	Y	Y	Y	Y		1.42	-	0.00	22	Y		
	3/4"	Zo-e-shield 5 Extreme w/ Argon	WEA-N-333-00012-00001	0.22	0.23	0.55	48	Y	Y	Y	Y		1.25	-	0.00	26	Y	Y	
	3/4"	Zo-e-shield 6	WEA-N-333-00083-00001	0.30	0.24	0.55	56		Y	Y	Y		1.70	-	0.00	17			
	3/4"	Zo-e-shield 6 w/ Argon	WEA-N-333-00091-00001	0.26	0.23	0.55	60	Y	Y	Y	Y		1.48	-	0.00	21	Y		
	3/4"	Zo-e SafeGuard Certified	WEA-N-333-00088-00001	0.30	0.23	0.54	57		Y	Y	Y		1.70	-	0.00	16			
	3/4"	Zo-e SafeGuard Certified w/ Argon	WEA-N-333-00096-00001	0.26	0.23	0.54	60	Y	Y	Y	Y		1.48	-	0.00	21	Y		
	1"	Zo-e-shield 7	WEA-N-333-00017-00001	0.23	0.22	0.45	65	Y	Y	Y	Y		1.31	-	0.00	24	Y	Y	
	1"	Zo-e-shield 7 w/ Argon	WEA-N-333-00021-00001	0.19	0.22	0.45	69	Y	Y	Y	Y		1.08	-	0.00	29	Y	Y	Y
	3/4"	Insul Low-E 240	WEA-N-333-00007-00001	0.31	0.22	0.34	55				Y		1.76	-	0.00	14			
	3/4"	Insul Low-E 240 w/Argon	WEA-N-333-00015-00001	0.27	0.22	0.34	58	Y	Y	Y	Y		1.53	-	0.00	19	Y		
	3/4"	Insul Low-E 340	WEA-N-333-00008-00001	0.30	0.16	0.33	56		Y	Y	Y		1.70	-	0.00	12			
3/4"	Insul Low-E 340 w/Argon	WEA-N-333-00016-00001	0.26	0.15	0.33	59	Y	Y	Y	Y		1.48	-	0.00	16	Y			
3/4"	Bronze Low E	WEA-N-333-00002-00011	0.31	0.34	0.47	55						1.76	-	0.00	21				
3/4"	Bronze Low E w/Argon	WEA-N-333-00010-00011	0.27	0.34	0.47	59	Y	Y				1.53	-	0.00	26	Y			
Less Than 1" GIA or SDL	3/4"	Clear Insul	WEA-N-333-00001-00002	0.46	0.60	0.64	44					2.61	-	0.00	17				
	3/4"	Insul Low-E	WEA-N-333-00002-00002	0.31	0.33	0.56	55					1.76	-	0.00	21				
	3/4"	Insul Low E w/Argon	WEA-N-333-00010-00002	0.27	0.32	0.56	59	Y	Y			1.53	-	0.00	25	Y			
	3/4"	Passive Solar	WEA-N-333-00005-00002	0.31	0.53	0.61	55					1.76	-	0.00	32	Y	Y		
	3/4"	Passive Solar w/Argon	WEA-N-333-00013-00002	0.28	0.53	0.61	58	Y				1.59	-	0.00	36	Y	Y	Y	
	3/4"	Passive Solar Extreme	WEA-N-333-00006-00002	0.25	0.48	0.60	43	Y				1.42	-	0.00	37	Y	Y	Y	
	3/4"	Passive Solar Extreme w/Argon	WEA-N-333-00014-00002	0.23	0.49	0.60	46	Y				1.31	-	0.00	40	Y	Y	Y	
	3/4"	Zo-e-shield 5	WEA-N-333-00003-00002	0.30	0.22	0.50	56		Y	Y	Y		1.70	-	0.00	15			
	3/4"	Zo-e-shield 5 w/ Argon	WEA-N-333-00011-00002	0.26	0.21	0.50	59	Y	Y	Y	Y		1.48	-	0.00	20	Y		
	3/4"	Zo-e-shield 5 Extreme	WEA-N-333-00004-00002	0.25	0.21	0.49	44	Y	Y	Y	Y		1.42	-	0.00	21	Y		
	3/4"	Zo-e-shield 5 Extreme w/ Argon	WEA-N-333-00012-00002	0.22	0.21	0.49	48	Y	Y	Y	Y		1.25	-	0.00	25	Y	Y	
	3/4"	Zo-e-shield 6	WEA-N-333-00083-00002	0.30	0.21	0.49	56		Y	Y	Y		1.70	-	0.00	15			
	3/4"	Zo-e-shield 6 w/ Argon	WEA-N-333-00091-00002	0.26	0.21	0.49	60	Y	Y	Y	Y		1.48	-	0.00	20	Y		
	3/4"	Zo-e SafeGuard Certified	WEA-N-333-00088-00002	0.30	0.21	0.49	57		Y	Y	Y		1.70	-	0.00	15			
	3/4"	Zo-e SafeGuard Certified w/ Argon	WEA-N-333-00096-00002	0.26	0.21	0.49	60	Y	Y	Y	Y		1.48	-	0.00	20	Y		
	1"	Zo-e-shield 7	WEA-N-333-00018-00001	0.24	0.20	0.40	65	Y	Y	Y	Y		1.36	-	0.00	22	Y	Y	
	1"	Zo-e-shield 7 w/ Argon	WEA-N-333-00022-00001	0.19	0.20	0.40	69	Y	Y	Y	Y		1.08	-	0.00	28	Y	Y	Y
	3/4"	Insul Low-E 240	WEA-N-333-00007-00002	0.31	0.20	0.31	55				Y		1.76	-	0.00	13			
	3/4"	Insul Low-E 240 w/Argon	WEA-N-333-00015-00002	0.27	0.20	0.31	58	Y	Y	Y	Y		1.53	-	0.00	18	Y		
	3/4"	Insul Low-E 340	WEA-N-333-00008-00002	0.30	0.15	0.30	56		Y	Y	Y		1.70	-	0.00	11			
3/4"	Insul Low-E 340 w/Argon	WEA-N-333-00016-00002	0.26	0.14	0.30	59	Y	Y	Y	Y		1.48	-	0.00	16				
3/4"	Bronze Low E	WEA-N-333-00002-00012	0.31	0.31	0.42	55						1.76	-	0.00	19				
3/4"	Bronze Low E w/Argon	WEA-N-333-00010-00012	0.27	0.31	0.42	59	Y	Y				1.53	-	0.00	24	Y			
1" Or Over GIA or SDL	3/4"	Clear Insul	WEA-N-333-00001-00003	0.46	0.54	0.57	44					2.61	-	0.00	14				
	3/4"	Insul Low-E	WEA-N-333-00002-00003	0.31	0.29	0.50	55					1.76	-	0.00	18				
	3/4"	Insul Low E w/Argon	WEA-N-333-00010-00003	0.27	0.29	0.50	59	Y	Y			1.53	-	0.00	23	Y			
	3/4"	Passive Solar	WEA-N-333-00005-00003	0.31	0.48	0.55	55					1.76	-	0.00	29	Y	Y		
	3/4"	Passive Solar w/Argon	WEA-N-333-00013-00003	0.28	0.48	0.55	58	Y				1.59	-	0.00	33	Y	Y		
	3/4"	Passive Solar Extreme	WEA-N-333-00006-00003	0.25	0.43	0.53	43	Y				1.42	-	0.00	34	Y	Y		
	3/4"	Passive Solar Extreme w/Argon	WEA-N-333-00014-00003	0.23	0.44	0.53	46	Y				1.31	-	0.00	37	Y	Y	Y	
	3/4"	Zo-e-shield 5	WEA-N-333-00003-00003	0.30	0.20	0.45	56		Y	Y	Y		1.70	-	0.00	14			
	3/4"	Zo-e-shield 5 w/ Argon	WEA-N-333-00011-00003	0.26	0.19	0.45	59	Y	Y	Y	Y		1.48	-	0.00	19	Y		
	3/4"	Zo-e-shield 5 Extreme	WEA-N-333-00004-00003	0.25	0.19	0.44	44	Y	Y	Y	Y		1.42	-	0.00	20	Y		
	3/4"	Zo-e-shield 5 Extreme w/ Argon	WEA-N-333-00012-00003	0.22	0.19	0.44	48	Y	Y	Y	Y		1.25	-	0.00	24	Y	Y	
	3/4"	Zo-e-shield 6	WEA-N-333-00083-00003	0.30	0.19	0.44	56		Y	Y	Y		1.70	-	0.00	14			
	3/4"	Zo-e-shield 6 w/ Argon	WEA-N-333-00091-00003	0.26	0.19	0.44	60	Y	Y	Y	Y		1.48	-	0.00	19	Y		
	3/4"	Zo-e SafeGuard Certified	WEA-N-333-00088-00003	0.30	0.19	0.43	57		Y	Y	Y		1.70	-	0.00	14			
	3/4"	Zo-e SafeGuard Certified w/ Argon	WEA-N-333-00096-00003	0.26	0.19	0.43	60	Y	Y	Y	Y		1.48	-	0.00	19	Y		
	1"	Zo-e-shield 7	WEA-N-333-00018-00002	0.24	0.18	0.36	65	Y	Y	Y	Y		1.36	-	0.00	21	Y	Y	
	1"	Zo-e-shield 7 w/ Argon	WEA-N-333-00022-00002	0.19	0.18	0.36	69	Y	Y	Y	Y		1.08	-	0.00	27	Y	Y	Y
	3/4"	Insul Low-E 240	WEA-N-333-00007-00003	0.31	0.18	0.28	55				Y		1.76	-	0.00	12			
	3/4"	Insul Low-E 240 w/Argon	WEA-N-333-00015-00003	0.27	0.18	0.28	58	Y	Y	Y	Y		1.53	-	0.00	17	Y		
	3/4"	Insul Low-E 340	WEA-N-333-00008-00003	0.30	0.13	0.27	56		Y	Y	Y		1.70	-	0.00	10			
3/4"	Insul Low-E 340 w/Argon	WEA-N-333-00016-00003	0.26	0.13	0.27	59	Y	Y	Y	Y		1.48	-	0.00	15				
3/4"	Bronze Low E	WEA-N-333-00002-00013	0.31	0.28	0.37	55						1.76	-	0.00	18				
3/4"	Bronze Low E w/Argon	WEA-N-333-00010-00013	0.27	0.28	0.37	59	Y	Y				1.53	-	0.00	23	Y			