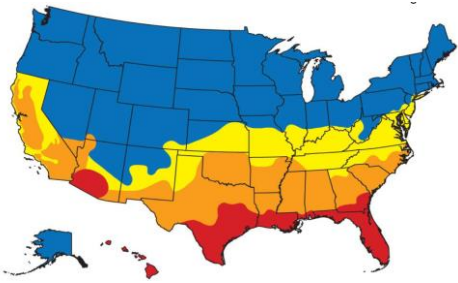


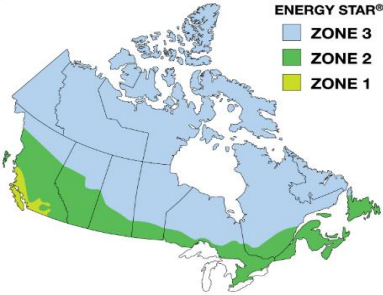
Thermal Performance Data

Premium Sliding Patio Door (8714)

WEATHER SHIELD.

WINDOWS & DOORS

US Qualification Criteria	Climate Zone	U-Value	SHGC
 <p>As of January 2016</p>	Northern	<=0.30	<=0.40
	North-Central		<=0.25
	South-Central		
	Southern		

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

Premium Sliding Patio Door (8714)



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-283-00618-00001	0.47	0.59	0.62	41					2.67	0.6	0.66	14			
	3/4"	Insul Low-E	WEA-N-283-00621-00001	0.34	0.29	0.53	51					1.93	0.6	0.66	13			
	3/4"	Insul Low E w/Argon	WEA-N-283-00627-00001	0.31	0.29	0.53	54					1.76	0.6	0.66	17			
	3/4"	Passive Solar	WEA-N-283-00487-00001	0.35	0.50	0.59	51					1.99	0.6	0.60	24			
	3/4"	Passive Solar w/Argon	WEA-N-283-00505-00001	0.32	0.51	0.59	54					1.82	0.6	0.60	28	Y		
	3/4"	Zo-e-shield 5	WEA-N-283-00622-00001	0.34	0.22	0.47	51					1.93	0.6	0.66	9			
	3/4"	Zo-e-shield 5 w/ Argon	WEA-N-283-00628-00001	0.31	0.21	0.47	54					1.76	0.6	0.66	12			
	3/4"	Zo-e-shield 5 Extreme	WEA-N-283-00457-00001	0.28	0.21	0.47	44	Y	Y	Y	Y	1.59	0.6	0.60	16	Y		
	3/4"	Zo-e-shield 5 Extreme w/ Argon	WEA-N-283-00473-00001	0.26	0.21	0.47	44	Y	Y	Y	Y	1.48	0.6	0.60	19	Y		
	3/4"	Zo-e-shield 6	WEA-N-283-00460-00001	0.41	0.22	0.47	45					2.33	0.6	0.60	0			
	3/4"	Zo-e-shield 6 w/ Argon	WEA-N-283-00476-00001	0.36	0.22	0.47	49					2.04	0.6	0.60	7			
	3/4"	Zo-e SafeGuard Certified	WEA-N-283-00464-00001	0.41	0.22	0.47	49					2.33	0.6	0.60	0			
	3/4"	Zo-e SafeGuard Certified w/ Argon	WEA-N-283-00480-00001	0.36	0.21	0.47	54					2.04	0.6	0.60	6			
	3/4"	Insul Low-E 240	WEA-N-283-00493-00001	0.35	0.20	0.29	51					1.99	0.6	0.60	7			
	3/4"	Insul Low-E 240 w/Argon	WEA-N-283-00511-00001	0.31	0.19	0.29	54					1.76	0.6	0.60	11			
	Less Than 1" GIA or SDL	3/4"	Clear Insul	WEA-N-283-00618-00002	0.47	0.52	0.54	41					2.67	0.6	0.66	10		
3/4"		Insul Low-E	WEA-N-283-00621-00002	0.34	0.26	0.46	51					1.93	0.6	0.66	11			
3/4"		Insul Low E w/Argon	WEA-N-283-00627-00002	0.31	0.26	0.46	54					1.76	0.6	0.66	15			
3/4"		Passive Solar	WEA-N-283-00487-00002	0.35	0.44	0.52	51					1.99	0.6	0.60	21			
3/4"		Passive Solar w/Argon	WEA-N-283-00505-00002	0.32	0.44	0.52	54					1.82	0.6	0.60	24			
3/4"		Zo-e-shield 5	WEA-N-283-00622-00002	0.34	0.19	0.41	51					1.93	0.6	0.66	7			
3/4"		Zo-e-shield 5 w/ Argon	WEA-N-283-00628-00002	0.31	0.19	0.41	54					1.76	0.6	0.66	11			
3/4"		Zo-e-shield 5 Extreme	WEA-N-283-00457-00002	0.28	0.19	0.41	44	Y	Y	Y	Y	1.59	0.6	0.60	15			
3/4"		Zo-e-shield 5 Extreme w/ Argon	WEA-N-283-00473-00002	0.26	0.18	0.41	44	Y	Y	Y	Y	1.48	0.6	0.60	17	Y		
3/4"		Zo-e-shield 6	WEA-N-283-00461-00001	0.45	0.20	0.41	45					2.56	0.6	0.60	-6			
3/4"		Zo-e-shield 6 w/ Argon	WEA-N-283-00477-00001	0.39	0.19	0.41	49					2.21	0.6	0.60	1			
3/4"		Zo-e SafeGuard Certified	WEA-N-283-00465-00001	0.44	0.19	0.41	49					2.50	0.6	0.60	-5			
3/4"		Zo-e SafeGuard Certified w/ Argon	WEA-N-283-00481-00001	0.39	0.19	0.41	54					2.21	0.6	0.60	1			
3/4"		Insul Low-E 240	WEA-N-283-00493-00002	0.35	0.18	0.26	51					1.99	0.6	0.60	6			
3/4"		Insul Low-E 240 w/Argon	WEA-N-283-00511-00002	0.31	0.17	0.26	54					1.76	0.6	0.60	10			
3/4"		Insul Low-E 340	WEA-N-283-00499-00002	0.34	0.13	0.25	52					1.93	0.6	0.60	4			
3/4"	Insul Low-E 340 w/Argon	WEA-N-283-00517-00002	0.30	0.13	0.25	55	Y	Y	Y	Y	1.70	0.6	0.60	9				
1" Or Over GIA or SDL	3/4"	Clear Insul	WEA-N-283-00618-00003	0.47	0.45	0.47	41					2.67	0.6	0.66	6			
	3/4"	Insul Low-E	WEA-N-283-00621-00003	0.34	0.23	0.40	51					1.93	0.6	0.66	10			
	3/4"	Insul Low E w/Argon	WEA-N-283-00627-00003	0.31	0.23	0.40	54					1.76	0.6	0.66	13			
	3/4"	Passive Solar	WEA-N-283-00487-00003	0.35	0.39	0.45	51					1.99	0.6	0.60	18			
	3/4"	Passive Solar w/Argon	WEA-N-283-00505-00003	0.32	0.39	0.45	54					1.82	0.6	0.60	21			
	3/4"	Zo-e-shield 5	WEA-N-283-00622-00003	0.34	0.17	0.35	51					1.93	0.6	0.66	6			
	3/4"	Zo-e-shield 5 w/ Argon	WEA-N-283-00628-00003	0.31	0.17	0.35	54					1.76	0.6	0.66	10			
	3/4"	Zo-e-shield 5 Extreme	WEA-N-283-00457-00003	0.28	0.16	0.36	44	Y	Y	Y	Y	1.59	0.6	0.60	13			
	3/4"	Zo-e-shield 5 Extreme w/ Argon	WEA-N-283-00473-00003	0.26	0.16	0.36	44	Y	Y	Y	Y	1.48	0.6	0.60	16			
	3/4"	Zo-e-shield 6	WEA-N-283-00461-00002	0.45	0.17	0.36	45					2.56	0.6	0.60	-7			
	3/4"	Zo-e-shield 6 w/ Argon	WEA-N-283-00477-00002	0.39	0.17	0.36	49					2.21	0.6	0.60	0			
	3/4"	Zo-e SafeGuard Certified	WEA-N-283-00465-00002	0.44	0.17	0.35	49					2.50	0.6	0.60	-6			
	3/4"	Zo-e SafeGuard Certified w/ Argon	WEA-N-283-00481-00002	0.39	0.17	0.35	54					2.21	0.6	0.60	0			
	3/4"	Insul Low-E 240	WEA-N-283-00493-00003	0.35	0.16	0.22	51					1.99	0.6	0.60	4			
	3/4"	Insul Low-E 240 w/Argon	WEA-N-283-00511-00003	0.31	0.15	0.22	54					1.76	0.6	0.60	9			
	3/4"	Insul Low-E 340	WEA-N-283-00499-00003	0.34	0.12	0.22	52					1.93	0.6	0.60	3			
3/4"	Insul Low-E 340 w/Argon	WEA-N-283-00517-00003	0.30	0.11	0.22	55	Y	Y	Y	Y	1.70	0.6	0.60	8				
3/4"	Bronze Low E	WEA-N-283-00443-00013	0.34	0.22	0.28	52					1.93	0.6	0.60	9				
3/4"	Bronze Low E w/Argon	WEA-N-283-00449-00013	0.30	0.22	0.28	55	Y	Y	Y	Y	1.70	0.6	0.60	14				