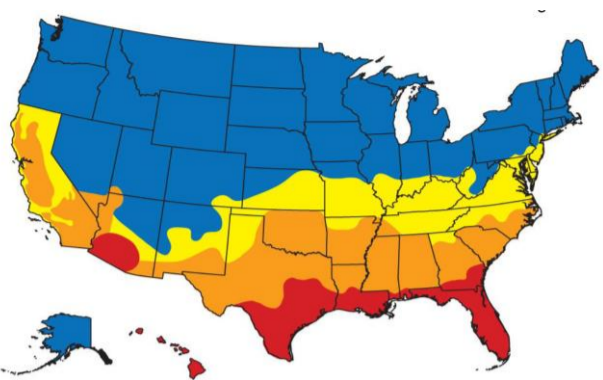


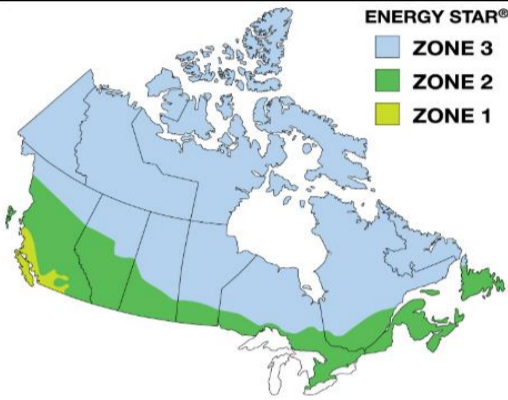
Thermal Performance Data

Weather Shield French Sliding Patio Door (6715)

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								ENERGY STAR		CANADIAN ENERGY PERFORMANCE DATA				ENERGY STAR				
Weather Shield French Sliding Patio Door (6715)								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	N	NC	SC	S	U-Value (metric)	Maximum Air Leakage L/s/m2	Air Infiltration/Exfiltration Average	Energy Rating	1	2	3
No GIA or SDL	3/4"	Clear Insul	WEA-N-336-00006-00001	0.44	0.48	0.50	44					2.50	0.6	0.49	12			
	3/4"	Insul Low-E	WEA-N-336-00007-00001	0.34	0.26	0.43	54					1.93	0.6	0.49	12			
	3/4"	Insul Low E w/Argon	WEA-N-336-00015-00001	0.31	0.26	0.43	57					1.76	0.6	0.49	16			
	3/4"	Passive Solar	WEA-N-336-00010-00001	0.34	0.42	0.48	54					1.93	0.6	0.49	21			
	3/4"	Passive Solar w/Argon	WEA-N-336-00018-00001	0.32	0.42	0.48	56					1.82	0.6	0.49	23			
	3/4"	Passive Solar Extreme	WEA-N-336-00011-00001	0.30	0.38	0.47	43	Y	Y			1.70	0.6	0.49	24			
	3/4"	Passive Solar Extreme w/Argon	WEA-N-336-00019-00001	0.28	0.38	0.47	46	Y	Y			1.59	0.6	0.49	26	Y		
	3/4"	Zo-e-shield 5	WEA-N-336-00008-00001	0.33	0.17	0.39	54					1.87	0.6	0.49	8			
	3/4"	Zo-e-shield 5 w/ Argon	WEA-N-336-00016-00001	0.31	0.17	0.39	57					1.76	0.6	0.49	10			
	3/4"	Zo-e-shield 5 Extreme	WEA-N-336-00009-00001	0.29	0.17	0.38	44	Y	Y	Y	Y	1.65	0.6	0.49	13			
	3/4"	Zo-e-shield 5 Extreme w/ Argon	WEA-N-336-00017-00001	0.28	0.17	0.38	47	Y	Y	Y	Y	1.59	0.6	0.49	14			
	3/4"	Zo-e-shield 6	WEA-N-336-00042-00001	0.34	0.17	0.39	52					1.93	0.6	0.49	7			
	3/4"	Zo-e-shield 6 w/ Argon	WEA-N-336-00058-00001	0.31	0.17	0.39	56					1.76	0.6	0.49	10			
	3/4"	Zo-e SafeGuard Certified	WEA-N-336-00052-00001	0.34	0.17	0.38	53					1.93	0.6	0.49	7			
	3/4"	Zo-e SafeGuard Certified w/ Argon	WEA-N-336-00068-00001	0.31	0.17	0.38	56					1.76	0.6	0.49	10			
	3/4"	Insul Low-E 240	WEA-N-336-00012-00001	0.34	0.16	0.24	54					1.93	0.6	0.49	6			
	3/4"	Insul Low-E 240 w/Argon	WEA-N-336-00020-00001	0.32	0.16	0.24	56					1.82	0.6	0.49	8			
	3/4"	Insul Low-E 340	WEA-N-336-00013-00001	0.34	0.12	0.23	54					1.93	0.6	0.49	4			
	3/4"	Insul Low-E 340 w/Argon	WEA-N-336-00021-00001	0.31	0.11	0.23	57					1.76	0.6	0.49	7			
	3/4"	Bronze Low E	WEA-N-336-00007-00011	0.34	0.25	0.33	54					1.93	0.6	0.49	11			
3/4"	Bronze Low E w/Argon	WEA-N-336-00015-00011	0.31	0.24	0.33	57					1.76	0.6	0.49	14				
Less Than 1" GIA or SDL	3/4"	Clear Insul	WEA-N-336-00006-00002	0.44	0.41	0.43	44					2.50	0.6	0.49	8			
	3/4"	Insul Low-E	WEA-N-336-00007-00002	0.34	0.23	0.37	54					1.93	0.6	0.49	10			
	3/4"	Insul Low E w/Argon	WEA-N-336-00015-00002	0.31	0.22	0.37	57					1.76	0.6	0.49	13			
	3/4"	Passive Solar	WEA-N-336-00010-00002	0.34	0.36	0.41	54					1.93	0.6	0.49	18			
	3/4"	Passive Solar w/Argon	WEA-N-336-00018-00002	0.32	0.37	0.41	56					1.82	0.6	0.49	21			
	3/4"	Passive Solar Extreme	WEA-N-336-00011-00002	0.30	0.33	0.40	43	Y	Y			1.70	0.6	0.49	21			
	3/4"	Passive Solar Extreme w/Argon	WEA-N-336-00019-00002	0.28	0.33	0.40	46	Y	Y			1.59	0.6	0.49	23	Y		
	3/4"	Zo-e-shield 5	WEA-N-336-00008-00002	0.33	0.15	0.34	54					1.87	0.6	0.49	7			
	3/4"	Zo-e-shield 5 w/ Argon	WEA-N-336-00016-00002	0.31	0.15	0.34	57					1.76	0.6	0.49	9			
	3/4"	Zo-e-shield 5 Extreme	WEA-N-336-00009-00002	0.29	0.15	0.33	44	Y	Y	Y	Y	1.65	0.6	0.49	12			
	3/4"	Zo-e-shield 5 Extreme w/ Argon	WEA-N-336-00017-00002	0.28	0.15	0.33	47	Y	Y	Y	Y	1.59	0.6	0.49	13			
	3/4"	Zo-e-shield 6	WEA-N-336-00043-00001	0.36	0.15	0.33	52					2.04	0.6	0.49	3			
	3/4"	Zo-e-shield 6 w/ Argon	WEA-N-336-00059-00001	0.33	0.15	0.33	56					1.87	0.6	0.49	7			
	3/4"	Zo-e SafeGuard Certified	WEA-N-336-00053-00001	0.36	0.15	0.33	53					2.04	0.6	0.49	3			
	3/4"	Zo-e SafeGuard Certified w/ Argon	WEA-N-336-00069-00001	0.32	0.15	0.33	56					1.82	0.6	0.49	8			
	3/4"	Insul Low-E 240	WEA-N-336-00012-00002	0.34	0.14	0.21	54					1.93	0.6	0.49	5			
	3/4"	Insul Low-E 240 w/Argon	WEA-N-336-00020-00002	0.32	0.14	0.21	56					1.82	0.6	0.49	7			
	3/4"	Insul Low-E 340	WEA-N-336-00013-00002	0.34	0.11	0.20	54					1.93	0.6	0.49	3			
	3/4"	Insul Low-E 340 w/Argon	WEA-N-336-00021-00002	0.31	0.10	0.20	57					1.76	0.6	0.49	6			
	3/4"	Bronze Low E	WEA-N-336-00007-00012	0.34	0.21	0.28	54					1.93	0.6	0.49	9			
3/4"	Bronze Low E w/Argon	WEA-N-336-00015-00012	0.31	0.21	0.28	57					1.76	0.6	0.49	13				
1" Or Over GIA or SDL	3/4"	Clear Insul	WEA-N-336-00006-00003	0.44	0.35	0.36	44					2.50	0.6	0.49	5			
	3/4"	Insul Low-E	WEA-N-336-00007-00003	0.34	0.20	0.32	54					1.93	0.6	0.49	8			
	3/4"	Insul Low E w/Argon	WEA-N-336-00015-00003	0.31	0.19	0.32	57					1.76	0.6	0.49	11			
	3/4"	Passive Solar	WEA-N-336-00010-00003	0.34	0.31	0.35	54					1.93	0.6	0.49	15			
	3/4"	Passive Solar w/Argon	WEA-N-336-00018-00003	0.32	0.31	0.35	56					1.82	0.6	0.49	17			
	3/4"	Passive Solar Extreme	WEA-N-336-00011-00003	0.30	0.29	0.34	43	Y	Y			1.70	0.6	0.49	19			
	3/4"	Passive Solar Extreme w/Argon	WEA-N-336-00019-00003	0.28	0.29	0.34	46	Y	Y			1.59	0.6	0.49	21	Y		
	3/4"	Zo-e-shield 5	WEA-N-336-00008-00003	0.33	0.13	0.28	54					1.87	0.6	0.49	6			
	3/4"	Zo-e-shield 5 w/ Argon	WEA-N-336-00016-00003	0.31	0.13	0.28	57					1.76	0.6	0.49	8			
	3/4"	Zo-e-shield 5 Extreme	WEA-N-336-00009-00003	0.29	0.13	0.28	44	Y	Y	Y	Y	1.65	0.6	0.49	10			
	3/4"	Zo-e-shield 5 Extreme w/ Argon	WEA-N-336-00017-00003	0.28	0.13	0.28	47	Y	Y	Y	Y	1.59	0.6	0.49	12			
	3/4"	Zo-e-shield 6	WEA-N-336-00043-00002	0.36	0.13	0.28	52					2.04	0.6	0.49	2			
	3/4"	Zo-e-shield 6 w/ Argon	WEA-N-336-00059-00002	0.33	0.13	0.28	56					1.87	0.6	0.49	6			
	3/4"	Zo-e SafeGuard Certified	WEA-N-336-00053-00002	0.36	0.13	0.28	53					2.04	0.6	0.49	2			
	3/4"	Zo-e SafeGuard Certified w/ Argon	WEA-N-336-00069-00002	0.32	0.13	0.28	56					1.82	0.6	0.49	7			
	3/4"	Insul Low-E 240	WEA-N-336-00012-00003	0.34	0.13	0.18	54					1.93	0.6	0.49	4			
	3/4"	Insul Low-E 240 w/Argon	WEA-N-336-00020-00003	0.32	0.12	0.18	56					1.82	0.6	0.49	6			
	3/4"	Insul Low-E 340	WEA-N-336-00013-00003	0.34	0.09	0.17	54					1.93	0.6	0.49	2			
	3/4"	Insul Low-E 340 w/Argon	WEA-N-336-00021-00003	0.31	0.09	0.17	57					1.76	0.6	0.49	6			
	3/4"	Bronze Low E	WEA-N-336-00007-00013	0.34	0.19	0.24	54					1.93	0.6	0.49	8			
3/4"	Bronze Low E w/Argon	WEA-N-336-00015-00013	0.31	0.19	0.24	57					1.76	0.6	0.49	11				