

Thermal Performance Data


Visions 3500 French Sliding Patio Door (9702)



ENERGY PERFORMANCE DATA								ENERGY STAR		CANADIAN ENERGY PERFORMANCE DATA				ENERGY STAR				
NFRC Total Unit Calculations ^a								US ENERGY STAR V 6.0						CANADA ENERGY STAR v 4.1				
Grille Option	Glazing thickness	Glazing Option	CPD #	U Value	Solar Heat Gain Coefficient	Visible Light Transmittance	Condensation Resistance Rating					U-Value (metric)	Maximum Air Leakage L/s/m ²	Air Infiltration/Exfiltration Average	Energy Rating			
								N	NC	SC	S					1	2	3
No GIA or SDL	3/4"	Clear Insul	WEA-N-317-00001-00001	0.46	0.51	0.53	45					2.61	0.6	0.81	11			
	3/4"	Insul Low-E	WEA-N-317-00002-00001	0.35	0.28	0.46	56					1.99	0.6	0.81	11			
	3/4"	Insul Low E w/Argon	WEA-N-317-00003-00001	0.32	0.27	0.46	56					1.82	0.6	0.81	14			
	3/4"	Bronze Low E	WEA-N-317-00002-00011	0.35	0.27	0.35	56					1.99	0.6	0.81	10			
	3/4"	Bronze Low E w/Argon	WEA-N-317-00003-00011	0.32	0.26	0.35	56					1.82	0.6	0.81	14			
	3/4"	Insul Low-E 340	WEA-N-317-00014-00001	0.34	0.13	0.25	56					1.93	0.6	0.81	4			
	3/4"	Insul Low-E 340 w/Argon	WEA-N-317-00015-00001	0.31	0.12	0.25	56					1.76	0.6	0.81	7			
	3/4"	Zo-e-shield 5	WEA-N-317-00004-00001	0.34	0.19	0.42	56					1.93	0.6	0.81	7			
	3/4"	Zo-e-shield 5 w/ Argon	WEA-N-317-00005-00001	0.31	0.18	0.42	56					1.76	0.6	0.81	10			
	3/4"	Zo-e-shield 5 Extreme	WEA-N-317-00006-00001	0.30	0.18	0.41	46	Y	Y	Y	Y	1.70	0.6	0.81	12			
	3/4"	Zo-e-shield 5 Extreme w/ Argon	WEA-N-317-00007-00001	0.28	0.18	0.41	49	Y	Y	Y	Y	1.59	0.6	0.81	14			
	3/4"	Insul Low-E 180	WEA-N-317-00008-00001	0.35	0.45	0.51	56					1.99	0.6	0.81	21			
	3/4"	Insul Low E 180 w/Argon	WEA-N-317-00009-00001	0.32	0.45	0.51	56					1.82	0.6	0.81	25			
	3/4"	Zo-e-shield 6	WEA-N-317-00022-00001	0.35	0.19	0.41	54					1.99	0.6	0.81	6			
	3/4"	Zo-e-shield 6 w/ Argon	WEA-N-317-00024-00001	0.32	0.18	0.41	56					1.82	0.6	0.81	9			
	1"	Zo-e-shield 7 (Triple Glazed)	WEA-N-317-00042-00001	0.29	0.17	0.33	57	Y	Y	Y	Y	1.65	0.6	0.81	12			
1"	Zo-e-shield 7 w/ Argon (Triple Glazed)	WEA-N-317-00044-00001	0.26	0.17	0.33	57	Y	Y	Y	Y	1.48	0.6	0.81	16				
Less Than 1" GIA or SDL	3/4"	Clear Insul	WEA-N-317-00001-00002	0.46	0.44	0.46	45					2.61	0.6	0.81	7			
	3/4"	Insul Low-E	WEA-N-317-00002-00002	0.35	0.24	0.40	56					1.99	0.6	0.81	9			
	3/4"	Insul Low E w/Argon	WEA-N-317-00003-00002	0.32	0.24	0.40	56					1.82	0.6	0.81	12			
	3/4"	Bronze Low E	WEA-N-317-00002-00012	0.35	0.23	0.30	56					1.99	0.6	0.81	8			
	3/4"	Bronze Low E w/Argon	WEA-N-317-00003-00012	0.32	0.23	0.30	56					1.82	0.6	0.81	12			
	3/4"	Insul Low-E 340	WEA-N-317-00014-00002	0.34	0.11	0.22	56					1.93	0.6	0.81	2			
	3/4"	Insul Low-E 340 w/Argon	WEA-N-317-00015-00002	0.31	0.11	0.22	56					1.76	0.6	0.81	6			
	3/4"	Zo-e-shield 5	WEA-N-317-00004-00002	0.34	0.17	0.36	56					1.93	0.6	0.81	6			
	3/4"	Zo-e-shield 5 w/ Argon	WEA-N-317-00005-00002	0.31	0.16	0.36	56					1.76	0.6	0.81	9			
	3/4"	Zo-e-shield 5 Extreme	WEA-N-317-00006-00002	0.30	0.16	0.35	46	Y	Y	Y	Y	1.70	0.6	0.81	10			
	3/4"	Zo-e-shield 5 Extreme w/ Argon	WEA-N-317-00007-00002	0.28	0.16	0.35	49	Y	Y	Y	Y	1.59	0.6	0.81	13			
	3/4"	Insul Low-E 180	WEA-N-317-00008-00002	0.35	0.39	0.44	56					1.99	0.6	0.81	17			
	3/4"	Insul Low E 180 w/Argon	WEA-N-317-00009-00002	0.32	0.39	0.44	56					1.82	0.6	0.81	21			
	3/4"	Zo-e-shield 6	WEA-N-317-00023-00001	0.37	0.17	0.35	54					2.10	0.6	0.81	2			
	3/4"	Zo-e-shield 6 w/ Argon	WEA-N-317-00025-00001	0.33	0.16	0.35	56					1.87	0.6	0.81	7			
	1"	Zo-e-shield 7 (Triple Glazed)	WEA-N-317-00043-00001	0.30	0.15	0.29	57	Y	Y	Y	Y	1.70	0.6	0.81	10			
1"	Zo-e-shield 7 w/ Argon (Triple Glazed)	WEA-N-317-00045-00001	0.26	0.15	0.29	57	Y	Y	Y	Y	1.48	0.6	0.81	15				
1" Or Over GIA or SDL	3/4"	Clear Insul	WEA-N-317-00001-00003	0.46	0.38	0.39	45					2.61	0.6	0.81	3			
	3/4"	Insul Low-E	WEA-N-317-00002-00003	0.35	0.21	0.34	56					1.99	0.6	0.81	7			
	3/4"	Insul Low E w/Argon	WEA-N-317-00003-00003	0.32	0.21	0.34	56					1.82	0.6	0.81	11			
	3/4"	Bronze Low E	WEA-N-317-00002-00013	0.35	0.20	0.26	56					1.99	0.6	0.81	6			
	3/4"	Bronze Low E w/Argon	WEA-N-317-00003-00013	0.32	0.20	0.26	56					1.82	0.6	0.81	10			
	3/4"	Insul Low-E 340	WEA-N-317-00014-00003	0.34	0.10	0.18	56					1.93	0.6	0.81	2			
	3/4"	Insul Low-E 340 w/Argon	WEA-N-317-00015-00003	0.31	0.10	0.18	56					1.76	0.6	0.81	6			
	3/4"	Zo-e-shield 5	WEA-N-317-00004-00003	0.34	0.15	0.31	56					1.93	0.6	0.81	5			
	3/4"	Zo-e-shield 5 w/ Argon	WEA-N-317-00005-00003	0.31	0.14	0.31	56					1.76	0.6	0.81	8			
	3/4"	Zo-e-shield 5 Extreme	WEA-N-317-00006-00003	0.30	0.14	0.30	46	Y	Y	Y	Y	1.70	0.6	0.81	9			
	3/4"	Zo-e-shield 5 Extreme w/ Argon	WEA-N-317-00007-00003	0.28	0.14	0.30	49	Y	Y	Y	Y	1.59	0.6	0.81	12			
	3/4"	Insul Low-E 180	WEA-N-317-00008-00003	0.35	0.34	0.38	56					1.99	0.6	0.81	14			
	3/4"	Insul Low E 180 w/Argon	WEA-N-317-00009-00003	0.32	0.34	0.38	56					1.82	0.6	0.81	18			
	3/4"	Zo-e-shield 6	WEA-N-317-00023-00002	0.37	0.15	0.30	54					2.10	0.6	0.81	1			
	3/4"	Zo-e-shield 6 w/ Argon	WEA-N-317-00025-00002	0.33	0.14	0.30	56					1.87	0.6	0.81	6			
	1"	Zo-e-shield 7 (Triple Glazed)	WEA-N-317-00043-00002	0.30	0.13	0.25	57	Y	Y	Y	Y	1.70	0.6	0.81	9			
1"	Zo-e-shield 7 w/ Argon (Triple Glazed)	WEA-N-317-00045-00002	0.26	0.13	0.25	57	Y	Y	Y	Y	1.48	0.6	0.81	14				

^a Total Unit calculations are derived from computer simulations that are then verified by 3rd party testing in accordance with NFRC 100-2004, NFRC 200-2004, and NFRC 500-2004.

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US Qualification Criteria	Climate Zone	U-Factor	*SHGC
 As of January 2016	Northern	≤0.30	≤0.40
	North-Central		≤0.25
	South-Central		
	Southern		

* SHGC = Solar Heat Gain Coefficient
Air Leakage ≤ 0.3 cfm/ft²