

# Thermal Performance Data


Visions 3500 Sliding Patio Door (9701)



ENERGY PERFORMANCE DATA								ENERGY STAR		CANADIAN ENERGY PERFORMANCE DATA				ENERGY STAR				
NFRC Total Unit Calculations <sup>a</sup>								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	N	NC	SC	S	U-Value (metric)	Maximum Air Leakage L/s/m <sup>2</sup>	Air Infiltration/Exfiltration Average	Energy Rating	1	2	3
No GIA or SDL	3/4"	Clear Insul	WEA-N-315-00001-00001	0.46	0.61	0.65	44					2.61	0.6	0.41	17			
	3/4"	Insul Low-E	WEA-N-315-00002-00001	0.33	0.33	0.56	55					1.87	0.6	0.41	17			
	3/4"	Insul Low E w/Argon	WEA-N-315-00003-00001	0.29	0.33	0.56	58	Y	Y			1.65	0.6	0.41	22			
	3/4"	Bronze Low E	WEA-N-315-00002-00011	0.33	0.32	0.42	55					1.87	0.6	0.41	17			
	3/4"	Bronze Low E w/Argon	WEA-N-315-00003-00011	0.29	0.31	0.42	58	Y	Y			1.65	0.6	0.41	21			
	3/4"	Insul Low-E 340	WEA-N-315-00014-00001	0.32	0.15	0.30	56					1.82	0.6	0.41	8			
	3/4"	Insul Low-E 340 w/Argon	WEA-N-315-00015-00001	0.29	0.14	0.30	59	Y	Y	Y	Y	1.65	0.6	0.41	11			
	3/4"	Zo-e-shield 5	WEA-N-315-00004-00001	0.32	0.22	0.51	56					1.82	0.6	0.41	12			
	3/4"	Zo-e-shield 5 w/ Argon	WEA-N-315-00005-00001	0.29	0.22	0.51	59	Y	Y	Y	Y	1.65	0.6	0.41	16			
	3/4"	Zo-e-shield 5 Extreme	WEA-N-315-00006-00001	0.27	0.22	0.50	43	Y	Y	Y	Y	1.53	0.6	0.41	18	Y		
	3/4"	Zo-e-shield 5 Extreme w/ Argon	WEA-N-315-00007-00001	0.24	0.21	0.50	47	Y	Y	Y	Y	1.36	0.6	0.41	22	Y	Y	
	3/4"	Insul Low-E 180	WEA-N-315-00008-00001	0.33	0.54	0.62	55					1.87	0.6	0.41	29	Y	Y	
	3/4"	Insul Low E 180 w/Argon	WEA-N-315-00009-00001	0.30	0.54	0.62	58					1.70	0.6	0.41	33	Y	Y	
	3/4"	Zo-e-shield 6	WEA-N-315-00022-00001	0.33	0.22	0.50	53					1.87	0.6	0.41	11			
	3/4"	Zo-e-shield 6 w/ Argon	WEA-N-315-00024-00001	0.29	0.22	0.50	57	Y	Y	Y	Y	1.65	0.6	0.41	16			
	1"	Zo-e-shield 7 (Triple Glazed)	WEA-N-315-00042-00001	0.26	0.20	0.41	60	Y	Y	Y	Y	1.48	0.6	0.56	18			
1"	Zo-e-shield 7 w/ Argon (Triple Glazed)	WEA-N-315-00044-00001	0.22	0.20	0.41	61	Y	Y	Y	Y	1.25	0.6	0.56	23				
Less Than 1" GIA or SDL	3/4"	Clear Insul	WEA-N-315-00001-00002	0.46	0.54	0.57	44					2.61	0.6	0.41	13			
	3/4"	Insul Low-E	WEA-N-315-00002-00002	0.33	0.29	0.49	55					1.87	0.6	0.41	15			
	3/4"	Insul Low E w/Argon	WEA-N-315-00003-00002	0.29	0.29	0.49	58	Y	Y			1.65	0.6	0.41	20			
	3/4"	Bronze Low E	WEA-N-315-00002-00012	0.33	0.28	0.37	55					1.87	0.6	0.41	14			
	3/4"	Bronze Low E w/Argon	WEA-N-315-00003-00012	0.29	0.28	0.37	58	Y	Y			1.65	0.6	0.41	19			
	3/4"	Insul Low-E 340	WEA-N-315-00014-00002	0.32	0.13	0.27	56					1.82	0.6	0.41	7			
	3/4"	Insul Low-E 340 w/Argon	WEA-N-315-00015-00002	0.29	0.13	0.27	59	Y	Y	Y	Y	1.65	0.6	0.41	11			
	3/4"	Zo-e-shield 5	WEA-N-315-00004-00002	0.32	0.20	0.44	56					1.82	0.6	0.41	11			
	3/4"	Zo-e-shield 5 w/ Argon	WEA-N-315-00005-00002	0.29	0.19	0.44	59	Y	Y	Y	Y	1.65	0.6	0.41	14			
	3/4"	Zo-e-shield 5 Extreme	WEA-N-315-00006-00002	0.27	0.19	0.43	43	Y	Y	Y	Y	1.53	0.6	0.41	17	Y		
	3/4"	Zo-e-shield 5 Extreme w/ Argon	WEA-N-315-00007-00002	0.24	0.19	0.43	47	Y	Y	Y	Y	1.36	0.6	0.41	20	Y	Y	
	3/4"	Insul Low-E 180	WEA-N-315-00008-00002	0.33	0.48	0.54	55					1.87	0.6	0.41	26	Y		
	3/4"	Insul Low E 180 w/Argon	WEA-N-315-00009-00002	0.30	0.48	0.54	58					1.70	0.6	0.41	30	Y	Y	
	3/4"	Zo-e-shield 6	WEA-N-315-00023-00001	0.35	0.20	0.44	53					1.99	0.6	0.41	7			
	3/4"	Zo-e-shield 6 w/ Argon	WEA-N-315-00025-00001	0.30	0.19	0.44	57	Y	Y	Y	Y	1.70	0.6	0.41	13			
	1"	Zo-e-shield 7 (Triple Glazed)	WEA-N-315-00043-00001	0.26	0.18	0.35	60	Y	Y	Y	Y	1.48	0.6	0.56	17			
1"	Zo-e-shield 7 w/ Argon (Triple Glazed)	WEA-N-315-00045-00001	0.23	0.18	0.35	61	Y	Y	Y	Y	1.31	0.6	0.56	21				
1" Or Over GIA or SDL	3/4"	Clear Insul	WEA-N-315-00001-00003	0.46	0.47	0.49	44					2.61	0.6	0.41	9			
	3/4"	Insul Low-E	WEA-N-315-00002-00003	0.33	0.26	0.43	55					1.87	0.6	0.41	13			
	3/4"	Insul Low E w/Argon	WEA-N-315-00003-00003	0.29	0.26	0.43	58	Y	Y			1.65	0.6	0.41	18			
	3/4"	Bronze Low E	WEA-N-315-00002-00013	0.33	0.25	0.32	55					1.87	0.6	0.41	13			
	3/4"	Bronze Low E w/Argon	WEA-N-315-00003-00013	0.29	0.25	0.32	58	Y	Y	Y	Y	1.65	0.6	0.41	17			
	3/4"	Insul Low-E 340	WEA-N-315-00014-00003	0.32	0.12	0.23	56					1.82	0.6	0.41	6			
	3/4"	Insul Low-E 340 w/Argon	WEA-N-315-00015-00003	0.29	0.12	0.23	59	Y	Y	Y	Y	1.65	0.6	0.41	10			
	3/4"	Zo-e-shield 5	WEA-N-315-00004-00003	0.32	0.17	0.39	56					1.82	0.6	0.41	9			
	3/4"	Zo-e-shield 5 w/ Argon	WEA-N-315-00005-00003	0.29	0.17	0.39	59	Y	Y	Y	Y	1.65	0.6	0.41	13			
	3/4"	Zo-e-shield 5 Extreme	WEA-N-315-00006-00003	0.27	0.17	0.38	43	Y	Y	Y	Y	1.53	0.6	0.41	16			
	3/4"	Zo-e-shield 5 Extreme w/ Argon	WEA-N-315-00007-00003	0.24	0.17	0.38	47	Y	Y	Y	Y	1.36	0.6	0.41	19	Y		
	3/4"	Insul Low-E 180	WEA-N-315-00008-00003	0.33	0.42	0.47	55					1.87	0.6	0.41	22			
	3/4"	Insul Low E 180 w/Argon	WEA-N-315-00009-00003	0.30	0.42	0.47	58					1.70	0.6	0.41	26	Y		
	3/4"	Zo-e-shield 6	WEA-N-315-00023-00002	0.35	0.17	0.38	53					1.99	0.6	0.41	5			
	3/4"	Zo-e-shield 6 w/ Argon	WEA-N-315-00025-00002	0.30	0.17	0.38	57	Y	Y	Y	Y	1.70	0.6	0.41	12			
	1"	Zo-e-shield 7 (Triple Glazed)	WEA-N-315-00043-00002	0.26	0.16	0.31	60	Y	Y	Y	Y	1.48	0.6	0.56	16			
1"	Zo-e-shield 7 w/ Argon (Triple Glazed)	WEA-N-315-00045-00002	0.23	0.16	0.31	61	Y	Y	Y	Y	1.31	0.6	0.56	19				

<sup>a</sup> 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/ft<sup>2</sup>