

Thermal Performance Data


Visions 3500 Sliding Patio Door (9701)



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	N	NC	SC	S	U-Value (metric)	Maximum Air Leakage L/s/m ²	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	0.56	18			
	3/4"	Insul Low-E	WEA-N-315-00002-00001	0.33	0.33	0.56	55					1.87	0.6	0.56	18			
	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	0.56	23			
	3/4"	Bronze Low E	WEA-N-315-00156-00011	0.33	0.32	0.42	54					1.87	0.6	0.56	17			
	3/4"	Bronze Low E w/Argon	WEA-N-315-00157-00011	0.29	0.31	0.42	57	Y	Y			1.65	0.6	0.56	21			
	3/4"	Insul Low-E 340	WEA-N-315-00014-00001	0.32	0.15	0.30	56					1.82	0.6	0.56	9			
	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	0.56	12			
	3/4"	Zo-e-shield 5	WEA-N-315-00004-00001	0.32	0.22	0.51	56					1.82	0.6	0.56	13			
	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	0.56	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	0.56	19			
	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	0.56	22			
	3/4"	Zo-e-shield 6	WEA-N-315-00022-00001	0.33	0.22	0.50	53					1.87	0.6	0.56	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	0.56	16			
	#####	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	19			
#####	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	24				
Less Than 1" GIA or SDL	3/4"	Clear Insul	WEA-N-315-00001-00004	0.46	0.54	0.57	44					2.61	0.6	0.56	14			
	3/4"	Insul Low-E	WEA-N-315-00002-00004	0.33	0.29	0.49	55					1.87	0.6	0.56	15			
	3/4"	Insul Low E w/Argon	WEA-N-315-00003-00004	0.29	0.29	0.49	58	Y	Y			1.65	0.6	0.56	20			
	3/4"	Bronze Low E	WEA-N-315-00156-00014	0.33	0.28	0.37	54					1.87	0.6	0.56	15			
	3/4"	Bronze Low E w/Argon	WEA-N-315-00157-00014	0.29	0.28	0.37	57	Y	Y			1.65	0.6	0.56	20			
	3/4"	Insul Low-E 340	WEA-N-315-00014-00004	0.32	0.13	0.27	56					1.82	0.6	0.56	7			
	3/4"	Insul Low-E 340 w/Argon	WEA-N-315-00015-00004	0.29	0.13	0.27	59	Y	Y	Y	Y	1.65	0.6	0.56	11			
	3/4"	Zo-e-shield 5	WEA-N-315-00004-00004	0.32	0.20	0.44	56					1.82	0.6	0.56	11			
	3/4"	Zo-e-shield 5 w/ Argon	WEA-N-315-00005-00004	0.29	0.19	0.44	59	Y	Y	Y	Y	1.65	0.6	0.56	15			
	3/4"	Zo-e-shield 5 Extreme	WEA-N-315-00006-00004	0.27	0.19	0.43	43	Y	Y	Y	Y	1.53	0.6	0.56	17			
	3/4"	Zo-e-shield 5 Extreme w/ Argon	WEA-N-315-00007-00004	0.24	0.19	0.43	47	Y	Y	Y	Y	1.36	0.6	0.56	21			
	3/4"	Zo-e-shield 6	WEA-N-315-00023-00003	0.35	0.20	0.44	53					1.99	0.6	0.56	8			
	3/4"	Zo-e-shield 6 w/ Argon	WEA-N-315-00025-00003	0.30	0.19	0.44	57	Y	Y	Y	Y	1.70	0.6	0.56	13			
	#####	Zo-e-shield 7 (Triple Glazed)	WEA-N-315-00043-00003	0.26	0.18	0.35	60	Y	Y	Y	Y	1.48	0.6	0.56	18			
#####	Zo-e-shield 7 w/ Argon (Triple Glazed)	WEA-N-315-00045-00003	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-315-00001-00005	0.46	0.47	0.49	44					2.61	0.6	0.56	10			
	3/4"	Insul Low-E	WEA-N-315-00002-00005	0.33	0.26	0.43	55					1.87	0.6	0.56	14			
	3/4"	Insul Low E w/Argon	WEA-N-315-00003-00005	0.29	0.26	0.43	58	Y	Y			1.65	0.6	0.56	19			
	3/4"	Bronze Low E	WEA-N-315-00156-00015	0.33	0.25	0.32	54					1.87	0.6	0.56	13			
	3/4"	Bronze Low E w/Argon	WEA-N-315-00157-00015	0.29	0.25	0.32	57	Y	Y	Y	Y	1.65	0.6	0.56	18			
	3/4"	Insul Low-E 340	WEA-N-315-00014-00005	0.32	0.12	0.23	56					1.82	0.6	0.56	7			
	3/4"	Insul Low-E 340 w/Argon	WEA-N-315-00015-00005	0.29	0.12	0.23	59	Y	Y	Y	Y	1.65	0.6	0.56	10			
	3/4"	Zo-e-shield 5	WEA-N-315-00004-00005	0.32	0.17	0.39	56					1.82	0.6	0.56	10			
	3/4"	Zo-e-shield 5 w/ Argon	WEA-N-315-00005-00005	0.29	0.17	0.39	59	Y	Y	Y	Y	1.65	0.6	0.56	13			
	3/4"	Zo-e-shield 5 Extreme	WEA-N-315-00006-00005	0.27	0.17	0.38	43	Y	Y	Y	Y	1.53	0.6	0.56	16			
	3/4"	Zo-e-shield 5 Extreme w/ Argon	WEA-N-315-00007-00005	0.24	0.17	0.38	47	Y	Y	Y	Y	1.36	0.6	0.56	20			
	3/4"	Zo-e-shield 6	WEA-N-315-00023-00004	0.35	0.17	0.38	53					1.99	0.6	0.56	6			
	3/4"	Zo-e-shield 6 w/ Argon	WEA-N-315-00025-00004	0.30	0.17	0.38	57	Y	Y	Y	Y	1.70	0.6	0.56	12			
	#####	Zo-e-shield 7 (Triple Glazed)	WEA-N-315-00043-00004	0.26	0.16	0.31	60	Y	Y	Y	Y	1.48	0.6	0.56	17			
#####	Zo-e-shield 7 w/ Argon (Triple Glazed)	WEA-N-315-00045-00004	0.23	0.16	0.31	61	Y	Y	Y	Y	1.31	0.6	0.56	20				

^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.

Revised 8/31/17

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