



WINDOW TEST RESULTS

Canadian Test Results

Testing performed in accordance with CSA A440-00 for the CSA International Certification Program. In compliance with the Canadian Energy Star Program, all window and patio door simulations used NFRC 100-2001, 200-2001, and 500-2001 computer programs.

Window Style (Model)	Evaluation Report	Air	Water	Structural	Forced Entry	Energy Rating (ER) Canadian Energy Star Program						
		(A)	(B)	(C)	(F)	Glass Options	ER	Energy Star Zone	SHGC	"U" Value (Imperial)	"R" Value (Imperial)	
Casement (#1151-LH) (#1152-RH)	3008057-1	3	6	5	10	Clear	+18	N/A	0.49	0.40	2.50	
						Low "e"	+28	C	0.46	0.31	3.23	
						LE / Arg	+32	D	0.46	0.28	3.57	
						Sol-E/Arg	+23	C	0.31	0.28	3.57	
Picture (with sash) (#1052)	3008057-3	Fixed	6	5	N/A	Clear	+21	N/A	0.59	0.43	2.33	
						Low "e"	+31	B	0.55	0.33	3.03	
						LE / Arg	+36	C	0.55	0.29	3.45	
						Sol-E/Arg	+25	B	0.36	0.29	3.45	
Picture (no sash) (#1051)	3008057-2	Fixed	7	5	N/A	Clear	+20	N/A	0.65	0.46	2.17	
						Low "e"	+33	B	0.61	0.34	2.94	
						LE / Arg	+38	C	0.61	0.30	3.33	
						Sol-E/Arg	+26	B	0.41	0.30	3.33	
Awning (#1153)	3054642-1	3	7	3	10	Clear	+18	N/A	0.49	0.40	2.50	
						Low "e"	+28	C	0.46	0.31	3.23	
						LE / Arg	+32	D	0.46	0.28	3.57	
						Sol-E/Arg	+23	C	0.31	0.28	3.57	
Side Slider Tilt (#1262)	3008057-5	2	2	5	10	Clear	+15	N/A	0.57	0.45	2.22	
						Low "e"	+26	C	0.53	0.34	2.94	
						LE / Arg	+29	D	0.53	0.32	3.13	
						Sol-E/Arg	+20	B	0.35	0.31	3.23	
Double Hung Tilt (#1261)	3008057-4	2	6	5	10	Clear	+16	N/A	0.57	0.45	2.22	
						Low "e"	+27	C	0.53	0.34	2.94	
						LE / Arg	+31	D	0.53	0.31	3.23	
						Sol-E/Arg	+20	B	0.35	0.31	3.23	
Single Hung Tilt (#1361)	3008057-6	2 / Fixed	5	4	10	Clear	+17	N/A	0.60	0.46	2.17	
						Low "e"	+28	C	0.56	0.35	2.86	
						LE / Arg	+33	D	0.56	0.31	3.23	
						Sol-E/Arg	+22	B	0.37	0.31	3.23	
Single Slider Lift (#1362)	3008057-7	2 / Fixed	4	5	10	Clear	+16	N/A	0.60	0.46	2.17	
						Low "e"	+28	C	0.56	0.35	2.86	
						LE / Arg	+33	D	0.56	0.31	3.23	
						Sol-E/Arg	+22	B	0.37	0.31	3.23	
3-Lite Single Slider Lift (#1364)	3054647-1	3 / Fixed	4	2 ¹	10	Clear	N/A	N/A	N/A	N/A	N/A	
				5 ²		Low "e"	N/A	N/A	N/A	N/A	N/A	N/A
				LE / Arg		N/A	N/A	N/A	N/A	N/A	N/A	
				Sol-E/Arg		N/A	N/A	N/A	N/A	N/A	N/A	
Patio Door (#3300)	3060325-1	3	3	3	2	Clear	+16	N/A	0.57	0.46	2.17	
						Low "e"	+27	C	0.54	0.35	2.86	
						LE / Arg	+31	D	0.54	0.32	3.13	
						Sol-E/Arg	+21	B	0.36	0.32	3.13	

Notes: (1) C2 wind resistance rating with sashes having non-reinforced head rails
 (2) Optional – C5 wind load resistance rating with sashes having reinforced head rails; contact your sales rep for pricing

Ratings are very important when you consider this:

Old Windows Leak Vast Amounts of Air!

A 3' x 5' window with a 1/16" gap around the sashes leaks at a rate equal to that of a hole the size of a brick, or one cubic foot of air per minute.