

300 Series Casement NFRC (Canada & USA) U-VALUE, SHGC, VT VALUE

NCTL REPORT #110-17144-1

#	Product Specifications	Total Product U-Value	Total Product - SHGC	Total Product - VT	Energy Rating (ER)
1	Double glaze, 1 LowE 180, Arg, S.S	0.29	0.46	0.55	30
2	Double glaze, 1 LowE 272, Arg, S.S	0.28	0.29	0.5	22
3	Double glaze, 1 Low E 366, Arg, S.S	0.28	0.2	0.45	17
4	Double glaze, 1 Low E LOF, Arg, S.S	0.31	0.49	0.54	30
5	Double glaze, 1 Low E 180, Air, S.S	0.32	0.46	0.5	27
6	Triple glaze, 3 Low E 272,180,i89, 2 Arg 2 S.S	0.17	0.26	0.43	34
7	Triple glaze, 2 Low E 180, 2 Arg, 2 S.S	0.19	0.4	0.49	39
8	Triple glaze, 2 Low E 180, Air, 2 S.S	0.21	0.41	0.49	37
9	Triple glaze, 1 Low E 180, Air, 2 S.S	0.25	0.42	0.5	33
10	Triple glaze, 2 Low E 272, Air, 2 S.S	0.21	0.25	0.4	28
11	Triple glaze, 2 Low E 272, Arg, 2 S.S	0.19	0.25	0.4	31
12	Triple glaze, 1 Low E 180, 2 Arg, 2 S.S	0.23	0.42	0.5	35
13	Triple glaze, 2 Low E LOF, Arg, 2 S.S	0.21	0.43	0.46	39
14	Triple glaze, 2 Low E LOF, Air, 2 S.S	0.23	0.44	0.46	37
15	Triple Glaze, 1 Low E LOF, Air, 2 S.S	0.26	0.45	0.49	33
16	Triple glaze, 1 Low E 272, 1 Heat Mirror S.C 75, Arg, S.S	0.24	0.22	0.39	23
17	Triple glaze, 1 Low E 272, 1 Heat Mirror T.C 88, Arg, S.S	0.24	0.25	0.4	24

300 Series Casement - C65**ANSI/AAMA/NWDA 101/I.S.2-97**

Intertek Report No. 3086973-1

Air infiltration (test pressure = 75 Pa (1.57 psf))		air leakage 0.012 cfm/ft.2 @ 1.57 psf					
Water Resistance (test pressure = 12.0 psf)	C 90	no leakage observed @ 12.0 psf					
Uniform Load Structure (test pressure = 97.5 psf)	C 65	pass					
Forced Entry Resistance		no entry observed @ performance level 10					