

HC-650 In-Swing Ultra Patio Door Thermal Performance Ratings

MODEL CODE	LAYERS OF GLAZING	SHGC	U-FACTOR Btu/hft. F	U-FACTOR W/m2. K	ER	VT-Visible Transmittance 0 to 0.99
180 ESC-Arg97-Cl	2	0.50	0.29	1.66	31	0.59
180 ESC-Arg97-Cl (With Grilles)	2	0.44	0.29	1.66	27	0.52
180 ESC-Arg97-i89	2	0.48	0.26	1.45	34	0.58
180 ESC-Arg97-i89 (With Grilles)	2	0.43	0.26	1.45	32	0.50
180 ESC-Arg97-180 ESC	3	0.44	0.23	1.29	36	0.52
180 ESC-Arg97-180 ESC (With Grilles)	3	0.39	0.24	1.34	32	0.46
180 ESC-Arg97-Cl-i89	3	0.44	0.23	1.33	35	0.53
180 ESC-Arg97-Cl-i89 (With Grilles)	3	0.39	0.24	1.39	31	0.46
Cl-Arg-180	2	0.51	0.29	1.66	32	0.59
Cl-Arg-180, Div under 1"	2	0.45	0.30	1.69	28	0.51
180-Arg-Cl	2	0.48	0.29	1.64	31	0.59
180-Arg-Cl, Div under 1"	2	0.43	0.30	1.69	26	0.51
Lami-Arg-180	2	0.47	0.29	1.67	29	0.58
Lami-Arg-180, Div under 1"	2	0.41	0.29	1.67	26	0.50
Lami-Arg-272	2	0.35	0.29	1.63	23	0.53
Lami-Arg-272, Div under 1"	2	0.31	0.29	1.63	21	0.46
180-Arg-Cl-Arg-180	3	0.42	0.23	1.30	34	0.52
180-Arg-Cl-Arg-180, Div under 1	3	0.37	0.24	1.36	30	0.45
180-ArgKry-Cl-ArgKry-180	3	0.42	0.21	1.17	37	0.52
180-ArgKry-Cl-ArgKry-180, Div under 1"	3	0.37	0.22	1.22	33	0.45
180-Kry-Cl-Kry-180	3	0.42	0.19	1.07	40	0.52
180-Kry-Cl-Kry-180, Div under 1"	3	0.37	0.20	1.11	36	0.45
272-Arg-Cl-Arg-272	3	0.27	0.22	1.27	26	0.43
272-Arg-Cl-Arg-272, Div under 1"	3	0.24	0.23	1.33	23	0.37
272-ArgKry-Cl-ArgKry-272	3	0.27	0.20	1.14	29	0.43
272-ArgKry-Cl-ArgKry-272, Div under 1"	3	0.23	0.21	1.19	26	0.37
272-Kry-Cl-Kry-272	3	0.27	0.18	1.04	31	0.43
272-Kry-Cl-Kry-272, Div under 1"	3	0.23	0.19	1.08	29	0.37

Structural Ratings

AAMA/WDMA/CSA 101/IS.2/A440-11 and A440S1-14 | Size Tested: 1821 x 2026mm (72 11/16" x 79 3/4" | R-PG30
Positive Design Pressure= +2400 Pa (+50 psf) | Negative Design Pressure= -2400 Pa (-50) psf
Water Test Pressure: 220Pa | Canadian Air Infiltration/Exfiltration: A2

