

HC-451 Slim Fixed 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-Arg-CI	2	0.59	0.27	1.51	51	0.70
180 ESC-Arg-CI (With Grilles)	2	0.53	0.27	1.51	38	0.63
180 ESC-Arg-i89	2	0.57	0.22	1.23	46	0.68
180 ESC-Arg-i89 (With Grilles)	2	0.51	0.22	1.23	43	0.61
180 ESC-Arg-CI-Arg-180 ESC	3	0.52	0.19	1.08	46	0.62
180 ESC-Arg-CI-Arg-180 ESC (With Grilles)	3	0.47	0.20	1.12	43	0.56
180 ESC-Arg-CI-Arg-i89	3	0.52	0.20	1.13	45	0.63
180 ESC-Arg-CI-Arg-i89 (With Grilles)	3	0.47	0.21	1.19	41	0.56
CI-Arg-180	2	0.61	0.26	1.49	43	0.70
CI-Arg-180, (With Grilles)	2	0.55	0.26	1.49	39	0.63
180-Arg-CI	2	0.57	0.26	1.49	40	0.70
180-Arg-CI, (With Grilles)	2	0.51	0.26	1.49	37	0.63
180-Arg-i89, 3/4" OT	2	0.55	0.21	1.22	45	0.68
180-Arg-i89, 3/4" OT, (With Grilles)	2	0.50	0.21	1.22	42	0.61
Lami-Arg-180	2	0.55	0.26	1.50	32	0.68
Lami-Arg-180, (With Grilles)	2	0.50	0.26	1.50	29	0.61
Lami-Arg-272	2	0.41	0.26	1.46	32	0.68
Lami-Arg-272, (With Grilles)	3	0.37	0.26	1.46	29	0.61
180-Arg-CI-Arg-180	3	0.49	0.19	1.07	45	0.62
180-Arg-CI-Arg-180, (With Grilles)	3	0.45	0.20	1.12	41	0.55
180-Arg-180 Arg-i89, 1" OT	3	0.47	0.17	0.94	46	0.60
180-Arg-180 Arg-i89, 1" OT, (With Grilles)	3	0.42	0.17	0.98	43	0.54
180-Arg-180 Arg-i89, 1.375" OT	3	0.47	0.13	0.75	51	0.60
180-Arg-180 Arg-i89, 1.375" OT, (With Grilles)	3	0.43	0.13	0.75	48	0.54
180-Arg-CI-Arg-180, 1.375" OT	3	0.50	0.15	0.84	50	0.62
180-Arg-CI-Arg-180, 1.375" OT (With Grilles)	3	0.45	0.15	0.84	48	0.55
180-ArgKry-CI-ArgKry-180	3	0.45	0.17	0.99	44	0.55
180-ArgKry-CI-ArgKry-180, (With Grilles)	3	0.45	0.17	0.99	44	0.55
180-Kry-CI-Kry-180	3	0.50	0.14	0.80	51	0.62
180-Kry-CI-Kry-180, (With Grilles)	3	0.45	0.15	0.87	47	0.55
272-Arg-CI-Arg-272	3	0.31	0.18	1.04	35	0.51
272-Arg-CI-Arg-272, (With Grilles)	3	0.28	0.19	1.09	32	0.45
272-Arg-CI-Arg-272, 1.375" OT	3	0.31	0.14	0.80	40	0.51
272-Arg-CI-Arg-272, 1.375" OT, (With Grilles)	3	0.28	0.14	0.80	39	0.45
272-ArgKry-CI-ArgKry-272	3	0.31	0.15	0.88	39	0.51
272-ArgKry-CI-ArgKry-272, (With Grilles)	3	0.28	0.17	0.95	35	0.45
272-Kry-CI-Kry-272	3	0.31	0.13	0.76	41	0.51
272-Kry-CI-Kry-272, (With Grilles)	3	0.28	0.15	0.83	38	0.45

Structural Ratings

AAMA/WDMA/CSA 101/I.S.2/A440-11 and A440S1-17 | Size Tested: 1829 x 2134 mm (72" x 84") | CW-PG70
 Positive Design Pressure (DP) = +3360 Pa (+70 psf) | Negative Design Pressure (DP) = -3360 Pa (-70 psf)
 Water Test Pressure: 720Pa | Canadian Air Infiltration/Exfiltration: Fixed

