

WINDOW	GLAZING	U-FACTOR imp (met)	SHGC	CR	ER	NAFS	INFILTRATION AIR LEAKAGE cfm/ft <sup>2</sup> (L/s m <sup>2</sup> )	EXFILTRATION AIR LEAKAGE cfm/ft <sup>2</sup> (L/s m <sup>2</sup> )	ENERGY STAR (CAN)	ENERGY STAR (USA)	NRCan CODE
<b>AWNING (LCA)</b>	3/4" NC 180	0.28 (1.59)	0.47	55	32	LC-PG55-AP	0.081 (0.410)	0.081 (0.410)	1, 2	N	LCA-CAR-A1-3-IN
	3/4" NC 180 w/grills	0.28 (1.59)	0.43	55	29				1, 2	N	LCA-CAR-A2-3-IN
	3/4" SC 366	0.26 (1.48)	0.19	59	18				1	N,NC,SC,S	LCA-CAR-B1-3-IU
	3/4" SC 366 w/grills	0.26 (1.48)	0.18	59	17				1	N,NC,SC,S	LCA-CAR-B2-3-IU
	3/4" NC2 180/i89	0.24 (1.36)	0.43	46	34				1, 2, 3	N	LCA-CAR-C1-3-IU
	3/4" NC2 180/i89 w/grills	0.24 (1.36)	0.39	46	32				1, 2	N,NC	LCA-CAR-C2-3-IU
	3/4" SB-10 366/i89	0.23 (1.31)	0.19	47	21				1, 2	N,NC,SC,S	LCA-CAR-D1-3-IU
3/4" SB-10 366/i89 w/grills	0.23 (1.31)	0.17	47	20				1, 2	N,NC,SC,S	LCA-CAR-D2-3-IU	
<b>CASEMENT (LTU)</b>	3/4" NC 180	0.28 (1.59)	0.47	57	32	LC-PG40-C	0.045 (0.230)	0.059 (0.300)	1, 2	N	LTU-CAR-A1-3-IN
	3/4" NC 180 w/grills	0.28 (1.59)	0.43	57	29				1, 2	N	LTU-CAR-A2-3-IN
	3/4" SC 366	0.26 (1.48)	0.19	61	18				1	N,NC,SC,S	LTU-CAR-B1-3-IU
	3/4" SC 366 w/grills	0.26 (1.48)	0.18	61	17				1	N,NC,SC,S	LTU-CAR-B2-3-IU
	3/4" NC2 180/i89	0.24 (1.36)	0.43	48	34				1,2,3	N	LTU-CAR-C1-3-IU
	3/4" NC2 180/i89 w/grills	0.24 (1.36)	0.39	48	32				1, 2	N,NC	LTU-CAR-C2-3-IU
	3/4" SB-10 366/i89	0.23 (1.31)	0.19	49	22				1, 2	N,NC,SC,S	LTU-CAR-D1-3-IU
3/4" SB-10 366/i89 w/grills	0.23 (1.31)	0.17	49	21				1, 2	N,NC,SC,S	LTU-CAR-D2-3-IU	
<b>DOUBLE HUNG (LTW)</b>	3/4" NC 180	0.29 (1.65)	0.50	54	31	LC-PG35-H	0.183 (0.930)	0.201 (1.020)	1, 2	N	LTW-CAR-A1-3-IN
	3/4" NC 180 w/grills	0.29 (1.65)	0.45	54	28				1	N	LTW-CAR-A2-3-IN
	3/4" SC 366	0.27 (1.53)	0.20	59	16				1	N,NC,SC,S	LTW-CAR-B1-3-IU
	3/4" SC 366 w/grills	0.27 (1.53)	0.18	59	15				-	N,NC,SC,S	LTW-CAR-B2-3-IU
	3/4" NC2 180/i89	0.25 (1.42)	0.45	46	33				1, 2	N	LTW-CAR-C1-3-IU
	3/4" NC2 180/i89 w/grills	0.25 (1.42)	0.40	46	30				1, 2	N,NC	LTW-CAR-C2-3-IU
	3/4" SB-10 366	0.24 (1.36)	0.20	48	20				1, 2	N,NC,SC,S	LTW-CAR-D1-3-IU
3/4" SB-10 366/i89 w/grills	0.24 (1.36)	0.18	48	19				1	N,NC,SC,S	LTW-CAR-D2-3-IU	
<b>FIXED LITE IN SASH (LFL)</b>	3/4" NC 180	0.28 (1.59)	0.55	57	37	LC-PG70-F	0.026 (0.110)	0.026 (0.130)	1, 2, 3	N	LFL-CAR-A1-3-IN
	3/4" NC 180/i89 w/grills	0.28 (1.59)	0.49	57	33				1, 2	N	LFL-CAR-A2-3-IN
	3/4" SC 366	0.26 (1.48)	0.22	61	20				1	N,NC,SC,S	LFL-CAR-B1-3-IU
	3/4" SC 366 w/grills	0.26 (1.48)	0.20	61	19				1	N,NC,SC,S	LFL-CAR-B2-3-IU
	3/4" NC2 180/i89	0.23 (1.31)	0.50	47	40				1, 2, 3	N	LFL-CAR-C1-3-IU
	3/4" NC2 180/i89 w/grills	0.23 (1.31)	0.45	47	37				1, 2, 3	N	LFL-CAR-C2-3-IU
	3/4" SB-10 366	0.22 (1.25)	0.22	49	25				1, 2	N,NC,SC,S	LFL-CAR-D1-3-IU
3/4" SB-10 366/i89 w/grills	0.22 (1.25)	0.20	49	24				1, 2	N,NC,SC,S	LFL-CAR-D2-3-IU	
<b>FIXED LITE IN FRAME (LFF)</b>	3/4" NC 180	0.28 (1.59)	0.60	57	40	LC-PG70-F	0.010 (0.050)	0.008 (0.040)	1, 2, 3	N	LFF-CAR-A1-3-IN
	3/4" NC 180 w/grills	0.28 (1.59)	0.54	57	36				1, 2, 3	N	LFF-CAR-A2-3-IN
	3/4" SC 366	0.26 (1.48)	0.24	60	21				1	N,NC,SC,S	LFF-CAR-B1-3-IU
	3/4" SC 366 w/grills	0.26 (1.48)	0.22	60	20				1	N,NC,SC,S	LFF-CAR-B2-3-IU
	3/4" NC2 180/i89	0.23 (1.31)	0.50	47	40				1, 2, 3	N	LFF-CAR-C1-3-IU
	3/4" NC2 180/i89 w/grills	0.23 (1.31)	0.45	47	37				1, 2, 3	N	LFF-CAR-C2-3-IU
	3/4" SB-10 366/i89	0.21 (1.19)	0.23	49	27				1, 2, 3	N,NC,SC,S	LFF-CAR-D1-3-IU
3/4" SB-10 366/i89 w/grills	0.21 (1.19)	0.21	49	26				1, 2, 3	N,NC,SC,S	LFF-CAR-D2-3-IU	

All products have AAMA Silver Label Certification

#### STANDARDS

**NAFS (North American Fenestration Standard)** - This combined US and Canadian standard outlines residential performance grades that give an overall performance value of a window.  
AAMA/WDMA/CSA 101/I.5.2/A440

#### DEFINITIONS

**U-Factor** - a measurement of rate of heat flow through a building component. A lower number means better thermal performance.

**SHGC (Solar Heat Gain Coefficient)** - is the fraction of incident solar radiation admitted through a window

**CR (Condensation Resistance)** - is a measure of how well a window resists the formation of condensation

**ER (Energy Rating)** - a rating based on a Natural Resources Canada formula that combines air leakage, solar heat gain coefficient, and U-factor