

WINDOW	GLAZING	U-FACTOR imp (met)	SHGC	CR	STC	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 Certified	NRCan CODE
<b>SINGLE HUNG</b> (ASH)	3/4" NC 180	0.32 (1.82)	0.55	55	27	31	R-PG40-H	0.204 (1.034)	0.148 (0.751)	-	ASH-CAR-A1-3-IN
	3/4" NC 180 w/grills	0.32 (1.82)	0.49	55		27				-	ASH-CAR-A2-3-IN
	3/4" SC 366	0.30 (1.70)	0.22	59		14				-	ASH-CAR-B1-3-IU
	3/4" SC 366 w/grills	0.30 (1.70)	0.20	59		13				-	ASH-CAR-B2-3-IU
	3/4" NC2 180/i89	0.27 (1.53)	0.50	46		34				YES	ASH-CAR-C1-3-IU
	3/4" NC2 180/i89 w/grills	0.27 (1.53)	0.45	46		32				-	ASH-CAR-C2-3-IU
	3/4" SB-10 366/i89	0.26 (1.48)	0.22	47		19				-	ASH-CAR-D1-3-IU
	3/4" SB-10 366/i89 w/grills	0.26 (1.48)	0.20	47		18				-	ASH-CAR-D2-3-IU
<b>DOUBLE HUNG</b> (ATW)	3/4" NC 180	0.31 (1.76)	0.54	55	-	30	R-PG40-H	0.230 (1.16)	0.250 (1.268)	-	ATW-CAR-A1-3-IN
	3/4" NC 180 w/grills	0.31 (1.76)	0.49	55	-	28				-	ATW-CAR-A2-3-IN
	3/4" SC 366	0.29 (1.65)	0.22	59	-	14				-	ATW-CAR-B1-3-IU
	3/4" SC 366 w/grills	0.29 (1.65)	0.20	59	-	13				-	ATW-CAR-B2-3-IU
	3/4" NC2 180/i89	0.26 (1.48)	0.49	46	-	34				YES	ATW-CAR-C1-3-IU
	3/4" NC2 180/i89 w/grills	0.26 (1.48)	0.44	46	-	31				-	ATW-CAR-C2-3-IU
	3/4" SB-10 366/i89	0.25 (1.42)	0.21	47	-	19				-	ATW-CAR-D1-3-IU
	3/4" SB-10 366/i89 w/grills	0.25 (1.42)	0.19	47	-	18				-	ATW-CAR-D2-3-IU
<b>GLIDER</b> (AGL)	3/4" NC 180	0.31 (1.76)	0.55	55	26	31	LC-PG35-HS	0.27 (1.35)	0.12 (0.62)	-	AGL-CAR-A1-3-IN
	3/4" NC 180 w/grills	0.31 (1.76)	0.50	55		28				-	AGL-CAR-A2-3-IN
	3/4" SC 366	0.29 (1.65)	0.22	59		15				-	AGL-CAR-B1-3-IU
	3/4" SC 366 w/grills	0.29 (1.65)	0.20	59		13				-	AGL-CAR-B2-3-IU
	3/4" NC2 180/i89	0.26 (1.48)	0.50	46		34				YES	AGL-CAR-C1-3-IU
	3/4" NC2 180/i89 w/grills	0.26 (1.48)	0.45	46		32				-	AGL-CAR-C2-3-IU
	3/4" SB-10 366/i89	0.25 (1.42)	0.22	47		20				-	AGL-CAR-D1-3-IU
	3/4" SB-10 366/i89 w/grills	0.25 (1.42)	0.20	47		18				-	AGL-CAR-D2-3-IU
<b>FIXED LITE</b> <b>IN FRAME</b> (AFF)	3/4" NC 180	0.29 (1.65)	0.59	60	-	38	R-PG55-FW	0.011 (0.054)	0.008 (0.040)	YES	AFF-CAR-A1-3-IN
	3/4" NC 180 w/grills	0.29 (1.65)	0.53	60	-	34				YES	AFF-CAR-A2-3-IN
	3/4" SC 366	0.26 (1.48)	0.24	63	-	21				-	AFF-CAR-B1-3-IU
	3/4" SC 366 w/grills	0.26 (1.48)	0.21	63	-	20				-	AFF-CAR-B2-3-IU
	3/4" NC2 180/i89	0.23 (1.31)	0.53	48	-	42				YES	AFF-CAR-C1-3-IU
	3/4" NC2 180/i89 w/grills	0.23 (1.31)	0.48	48	-	39				YES	AFF-CAR-C2-3-IU
	3/4" SB-10 366/i89	0.22 (1.25)	0.23	49	-	26				-	AFF-CAR-D1-3-IU
	3/4" SB-10 366/i89 w/grills	0.22 (1.25)	0.21	49	-	25				-	AFF-CAR-D2-3-IU
<b>SLIDING</b> <b>PATIO DOOR</b> (AVDR)	13/16" NC 180	0.31 (1.76)	0.53	57	28	30	R-PG45-SD	0.130 (0.661)	0.152 (0.770)	-	AVDR-CAR-A1-3-IU
	13/16" NC 180 w/grills	0.31 (1.76)	0.46	57		26				-	AVDR-CAR-A2-3-IU
	13/16" SC 366	0.30 (1.70)	0.21	58		13				-	AVDR-CAR-B1-3-SE
	13/16" SC 366 w/grills	0.30 (1.70)	0.19	58		12				-	AVDR-CAR-B2-3-SE
	13/16" NC2 180/i89	0.26 (1.48)	0.48	46		34				YES	AVDR-CAR-C1-3-SE-F
	13/16" NC2 180/i89 w/grills	0.26 (1.48)	0.42	46		30				-	AVDR-CAR-C2-3-SE-F
	1" Internal Blinds	0.37 (2.10)	0.26	52		n/a				-	-
	13/16" SB-10 366/i89	0.26 (1.48)	0.21	47		18				-	AVDR-CAR-D1-3-SE
	13/16" SB-10 366/i89 w/grills	0.26 (1.48)	0.18	47		16				-	AVDR-CAR-D2-3-SE

**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 101/1.S.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

PLEASE NOTE: ALL PRODUCTS HIGHLIGHTED WITH THE GREEN AND DARKER BLUE BAR ARE ELIGIBLE FOR CANADA GREENER HOMES GRANT. **\$125/OPENING** **\$250/OPENING**  
PERFORMANCE DATA MAY CHANGE FROM TIME TO TIME, PLEASE CHECK WITH YOUR SALES REP FOR UP TO DATE INFORMATION FOR OUR PRODUCTS.