

WINDOW	GLAZING	U-FACTOR imp (met)	SHGC	CR	ER	STC	NAFS	INFILTRATION AIR LEAKAGE cfm/ft ² (L/s m ²)	EXFILTRATION AIR LEAKAGE cfm/ft ² (L/s m ²)	ENERGY STAR (CAN)	ENERGY STAR (USA)	NRCan CODE
AWNING (APCA)	3/4" NC 180	0.27 (1.53)	0.45	56	32	28	LC-PG30-AP	0.01 (0.1)	0.01 (0.1)	1, 2	N	APCA-CAR-A1-3-IN
	3/4" NC 180 w/grills	0.27 (1.53)	0.41	56	30					1, 2	N	APCA-CAR-A2-3-IN
	3/4" SC 366	0.25 (1.42)	0.18	61	19					1	N, NC, SC, S	APCA-CAR-B1-3-IU
	3/4" SC 366 w/grills	0.25 (1.42)	0.17	61	19					1	N, NC, SC, S	APCA-CAR-B2-3-IU
	3/4" NC2 180/i89	0.23 (1.31)	0.41	47	35					1, 2, 3	N, NC	APCA-CAR-C1-3-IU
	3/4" NC2 180/i89 w/grills	0.23 (1.31)	0.37	47	32					1, 2	N, NC	APCA-CAR-C2-3-IU
	3/4" SB-10 366/i89	0.22 (1.25)	0.18	48	23					1, 2	N, NC, SC, S	APCA-CAR-D1-3-IU
	3/4" SB-10 366/i89 w/grills	0.22 (1.25)	0.16	48	22					1, 2	N, NC, SC, S	APCA-CAR-D2-3-IU
	1 3/8" 3NC 180	0.20 (1.14)	0.41	70	39					1, 2, 3	N	APCA-CAR-G1-3-SE
	1 3/8" 3NC 180 w/grills	0.20 (1.14)	0.37	70	36					1, 2, 3	N, NC	APCA-CAR-G2-3-SE
	1 3/8" 3SC 366	0.20 (1.14)	0.24	71	29					1, 2, 3	N, NC, SC, S	APCA-CAR-H1-3-SE
	1 3/8" 3SC 366 w/grills	0.20 (1.14)	0.22	71	28					1, 2, 3	N, NC, SC, S	APCA-CAR-H2-3-SE
	1 3/8" 3NC2 180(x2)	0.17 (0.97)	0.37	77	40					1, 2, 3	N, NC	APCA-CAR-I1-3-SE
	1 3/8" 3NC2 180(x2) w/grills	0.17 (0.97)	0.33	77	38					1, 2, 3	N, NC	APCA-CAR-I2-3-SE
1 3/8" 3SC2 366(x2)	0.16 (0.91)	0.16	78	29					1, 2, 3	N, NC, SC, S	APCA-CAR-J1-3-SE	
1 3/8" 3SC2 366(x2) w/grills	0.16 (0.91)	0.14	78	28					1, 2, 3	N, NC, SC, S	APCA-CAR-J2-3-SE	
CASEMENT (APTU)	3/4" NC 180	0.26 (1.48)	0.45	59	33	28	LC-PG40-C	0.01 (0.1)	0.01 (0.1)	1, 2	N	APTU-CAR-A1-3-IN
	3/4" NC 180 w/grills	0.26 (1.48)	0.41	59	31		CW-PG30-C			1, 2	N	APTU-CAR-A2-3-IN
	3/4" SC 366	0.24 (1.36)	0.18	62	20					1, 2	N, NC, SC, S	APTU-CAR-B1-3-IU
	3/4" SC 366 w/grills	0.24 (1.36)	0.17	62	20					1, 2	N, NC, SC, S	APTU-CAR-B2-3-IU
	3/4" NC2 180/i89	0.22 (1.25)	0.41	48	36					1, 2, 3	N	APTU-CAR-C1-3-IU
	3/4" NC2 180/i89 w/grills	0.22 (1.25)	0.37	48	34					1, 2, 3	N, NC	APTU-CAR-C2-3-IU
	3/4" SB-10 366/i89	0.21 (1.19)	0.18	49	24					1, 2, 3	N, NC, SC, S	APTU-CAR-D1-3-IU
	3/4" SB-10 366/i89 w/grills	0.21 (1.19)	0.16	49	23					1, 2	N, NC, SC, S	APTU-CAR-D2-3-IU
	1 3/8" 3NC 180	0.20 (1.14)	0.41	72	39					1, 2, 3	N	APTU-CAR-G1-3-SE
	1 3/8" 3NC 180 w/grills	0.20 (1.14)	0.37	72	36					1, 2, 3	N, NC	APTU-CAR-G2-3-SE
	1 3/8" 3SC 366	0.20 (1.14)	0.24	73	29					1, 2, 3	N, NC, SC, S	APTU-CAR-H1-3-SE
	1 3/8" 3SC 366 w/grills	0.20 (1.14)	0.22	73	28					1, 2, 3	N, NC, SC, S	APTU-CAR-H2-3-SE
	1 3/8" 3NC2 180(x2)	0.17 (0.97)	0.37	79	40					1, 2, 3	N, NC	APTU-CAR-I1-3-SE
	1 3/8" 3NC2 180(x2) w/grills	0.17 (0.97)	0.33	79	38					1, 2, 3	N, NC	APTU-CAR-I2-3-SE
1 3/8" 3SC2 366(x2)	0.16 (0.91)	0.16	80	29					1, 2, 3	N, NC, SC, S	APTU-CAR-J1-3-SE	
1 3/8" 3SC2 366(x2) w/grills	0.16 (0.91)	0.14	80	28					1, 2, 3	N, NC, SC, S	APTU-CAR-J2-3-SE	
FIXED LITE IN SASH (APFL)	3/4" NC 180	0.28 (1.59)	0.53	58	36	28	CW-PG35-FW	0.0007 (0.004)	0.0010 (0.005)	1, 2, 3	N	APFL-CAR-A1-3-IN
	3/4" NC 180 w/grills	0.28 (1.59)	0.48	58	33					1, 2	N	APFL-CAR-A2-3-IN
	3/4" SC 366	0.26 (1.48)	0.21	62	20					1	N, NC, SC, S	APFL-CAR-B1-3-IU
	3/4" SC 366 w/grills	0.26 (1.48)	0.19	62	18					1	N, NC, SC, S	APFL-CAR-B2-3-IU
	3/4" NC2 180/i89	0.23 (1.31)	0.48	47	39					1, 2, 3	N	APFL-CAR-C1-3-IU
	3/4" NC2 180/i89 w/grills	0.23 (1.31)	0.43	47	36					1, 2, 3	N	APFL-CAR-C2-3-IU
	3/4" SB-10 366/i89	0.22 (1.25)	0.21	49	25					1, 2	N, NC, SC, S	APFL-CAR-D1-3-IU
	3/4" SB-10 366/i89 w/grills	0.22 (1.25)	0.19	49	23					1, 2	N, NC, SC, S	APFL-CAR-D2-3-IU
	1 3/8" 3NC 180	0.21 (1.19)	0.48	71	41					1, 2, 3	N	APFL-CAR-G1-3-SE
	1 3/8" 3NC 180 w/grills	0.21 (1.19)	0.43	71	39					1, 2, 3	N	APFL-CAR-G2-3-SE
	1 3/8" 3SC 366	0.20 (1.14)	0.29	72	32					1, 2, 3	N, NC	APFL-CAR-H1-3-SE
	1 3/8" 3SC 366 w/grills	0.20 (1.14)	0.26	72	30					1, 2, 3	N, NC	APFL-CAR-H2-3-SE
	1 3/8" 3NC2 180(x2)	0.17 (0.97)	0.43	75	43					1, 2, 3	N	APFL-CAR-I1-3-SE
	1 3/8" 3NC2 180(x2) w/grills	0.17 (0.97)	0.39	75	41					1, 2, 3	N, NC	APFL-CAR-I2-3-SE
1 3/8" 3SC2 366(x2)	0.16 (0.91)	0.19	76	31					1, 2, 3	N, NC, SC, S	APFL-CAR-J1-3-SE	
1 3/8" 3SC2 366(x2) w/grills	0.16 (0.91)	0.17	76	30					1, 2, 3	N, NC, SC, S	APFL-CAR-J2-3-SE	
FIXED LITE IN FRAME (APFF)	3/4" NC 180	0.27 (1.53)	0.61	58	42	27	CW-PG60-FW	0.0002 (0.001)	0.0002 (0.001)	1, 2, 3	N	APFF-CAR-A1-3-IN
	3/4" NC 180 w/grills	0.27 (1.53)	0.55	58	38					1, 2, 3	N	APFF-CAR-A2-3-IN
	3/4" SC 366	0.25 (1.42)	0.24	62	23					1, 2	N, NC, SC, S	APFF-CAR-B1-3-IU
	3/4" SC 366 w/grills	0.25 (1.42)	0.22	62	21					1, 2	N, NC, SC, S	APFF-CAR-B2-3-IU
	3/4" NC2 180/i89	0.22 (1.25)	0.55	47	44					1, 2, 3	N	APFF-CAR-C1-3-IU
	3/4" NC2 180/i89 w/grills	0.22 (1.25)	0.49	47	41					1, 2, 3	N	APFF-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	APFF-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	APFF-CAR-D2-3-IU
	1 3/8" 3NC 180	0.20 (1.14)	0.55	72	47					1, 2, 3	N	APFF-CAR-G1-3-SE
	1 3/8" 3NC 180 w/grills	0.20 (1.14)	0.49	72	43					1, 2, 3	N	APFF-CAR-G2-3-SE
	1 3/8" 3SC 366	0.19 (1.08)	0.33	73	35					1, 2, 3	N, NC	APFF-CAR-H1-3-SE
	1 3/8" 3SC 366 w/grills	0.19 (1.08)	0.30	73	33					1, 2, 3	N, NC	APFF-CAR-H2-3-SE
	1 3/8" 3NC2 180(x2)	0.16 (0.91)	0.49	78	48					1, 2, 3	N	APFF-CAR-I1-3-SE
	1 3/8" 3NC2 180(x2) w/grills	0.16 (0.91)	0.44	78	45					1, 2, 3	N	APFF-CAR-I2-3-SE
1 3/8" 3SC2 366	0.14 (0.79)	0.21	79	35					1, 2, 3	N, NC, SC, S	APFF-CAR-J1-3-SE	
1 3/8" 3SC2 366(x2) w/grills	0.14 (0.79)	0.19	79	33					1, 2, 3	N, NC, SC, S	APFF-CAR-J2-3-SE	