

	Dual Clear		Dual LowE		EO1		Tri Clear		Tri LowE		EO2		EO3	
	Clr-IV	Clr-SS	SG500	Ti-AC40	SG500	Ti-AC40	Clr-IV	Clr-SS	SG500	Ti-AC40	SG500	Ti-AC40	SG500	Ti-AC40
Sgl. Sash Horiz. Slider (S-3400)														
Energy Rating	16	17	26	21	30	26	23	23	25	20	30	24	32	27
CDN U-Value	2.561	2.542	2.035	1.793	1.870	1.596	2.114	2.107	1.900	1.795	1.698	1.617	1.526	1.361
CDN R-Value	0.390	0.393	0.491	0.558	0.535	0.627	0.473	0.475	0.526	0.557	0.589	0.618	0.655	0.735
US U-Value	0.447	0.444	0.356	0.313	0.327	0.279	0.369	0.368	0.332	0.314	0.297	0.283	0.267	0.238
US R-Value	2.2	2.3	2.8	3.2	3.1	3.6	2.7	2.7	3.0	3.2	3.4	3.5	3.8	4.2
SHGC	0.574	0.574	0.538	0.369	0.541	0.372	0.515	0.515	0.478	0.348	0.480	0.347	0.452	0.297
Visual Transmittance	0.619	0.619	0.575	0.535	0.575	0.535	0.564	0.564	0.525	0.486	0.525	0.486	0.488	0.419
Dbl. Sash Horiz. Slider (S-3300)														
Energy Rating	15	16	24	20	28	24	21	22	24	19	28	23	30	25
CDN U-Value	2.508	2.488	2.009	1.782	1.855	1.596	2.086	2.078	1.881	1.785	1.694	1.617	1.531	1.373
CDN R-Value	0.399	0.402	0.498	0.561	0.539	0.627	0.479	0.481	0.532	0.560	0.590	0.618	0.653	0.728
US U-Value	0.438	0.435	0.351	0.311	0.324	0.279	0.364	0.363	0.329	0.312	0.296	0.283	0.267	0.240
US R-Value	2.3	2.3	2.8	3.2	3.1	3.6	2.7	2.8	3.0	3.2	3.4	3.5	3.7	4.2
SHGC	0.542	0.542	0.508	0.348	0.510	0.351	0.486	0.486	0.451	0.328	0.453	0.327	0.427	0.280
Visual Transmittance	0.584	0.584	0.542	0.504	0.542	0.504	0.532	0.532	0.495	0.458	0.495	0.458	0.460	0.394
Sgl. Hung Vert. Slider (S-3450)														
Energy Rating	17	17	26	22	30	26	23	23	26	20	30	24	32	27
CDN U-Value	2.546	2.526	2.024	1.786	1.861	1.590	2.104	2.096	1.891	1.789	1.692	1.611	1.520	1.355
CDN R-Value	0.393	0.396	0.494	0.560	0.537	0.629	0.475	0.477	0.529	0.559	0.591	0.621	0.658	0.738
US U-Value	0.445	0.441	0.354	0.312	0.325	0.278	0.368	0.366	0.330	0.313	0.296	0.281	0.266	0.237
US R-Value	2.2	2.3	2.8	3.2	3.1	3.6	2.7	2.7	3.0	3.2	3.4	3.6	3.8	4.2
SHGC	0.574	0.574	0.538	0.369	0.540	0.372	0.515	0.515	0.478	0.348	0.480	0.346	0.452	0.296
Visual Transmittance	0.619	0.619	0.575	0.535	0.575	0.535	0.564	0.564	0.525	0.485	0.525	0.485	0.488	0.418
Dbl. Hung Vert. Slider (S-3350)														
Energy Rating	16	16	24	20	28	24	22	22	24	19	28	23	30	25
CDN U-Value	2.495	2.476	2.020	1.777	1.872	1.592	2.081	2.072	1.879	1.780	1.691	1.613	1.529	1.371
CDN R-Value	0.401	0.404	0.495	0.563	0.534	0.628	0.481	0.483	0.532	0.562	0.591	0.620	0.654	0.729
US U-Value	0.436	0.433	0.353	0.310	0.327	0.278	0.364	0.362	0.328	0.311	0.295	0.282	0.267	0.240
US R-Value	2.3	2.3	2.8	3.2	3.1	3.6	2.8	2.8	3.0	3.2	3.4	3.5	3.7	4.2
SHGC	0.542	0.542	0.508	0.348	0.510	0.351	0.486	0.486	0.451	0.328	0.453	0.327	0.427	0.280
Visual Transmittance	0.584	0.584	0.542	0.504	0.542	0.504	0.532	0.532	0.495	0.458	0.495	0.458	0.460	0.395

	Single Sash Horiz. Sliders	Double Sash Horiz. Slider	Single Hung Verticle Slider	Double Hung Verticle Slider
CAN/CSA A440-00				
Air Infiltration (m ³ /h)	A3 1.984	A3 3.233	A3 1.680	A3 3.155
Water Tightness	B3	B3	B3	B3
Wind Load Resistance	C5	C5	C5	C5
Ease of Operation	Passed	Passed	Passed	Passed
Force Entry Resistance	F20	F20	F20	F20
Condensation Resistance	N/A	N/A	N/A	N/A

Energy Rating (ER): A new window energy performance rating system, established by the Canadian Standards Association (CSA). The ER system factors in multiple ratings to achieve an overall window energy rating. The larger the number, the more efficient.

U-value: A measurement of heat loss. The smaller the U-value the better. A large number denotes a greater amount of heat loss.

R-value: The resistance to heat loss. The larger the number the better.

Solar Heat Gain Coefficient (SHGC): The % of solar radiation that ends up as heat energy in your home.

Visible Transmittance: The % of light energy that is allowed to pass through the given glazing it contacts. Higher numbers mean that more light can enter, and views out will appear brighter. Total window rating.

Window ratings were calculated in accordance to the CSA A440.2-2004 standard, computer simulation method using Window 5 and Therm 5 by Enermodal Engineering Ltd.

Dual LowE: Dual pane, air fill, 1 LowE (3)

Tri LowE: Tri pane, air fill, 1 LowE (5)

EO1: Dual pane, argon fill, 1 LowE (3)

EO2: Tri pane, 1 argon fill, 1 LowE (5)

EO3: Tri pane, 2 argon fill, 2 LowE (3&5)

Clr-IV: Clear glass & PPG Intercept® Vilda "Warm Edge" spacer bar.

Clr-SS: Clear glass & Super Spacer® bar.

SG500: PPG Sungate500 Hard Coat Low-E Coating with PPG Intercept® Vilda "Warm Edge" spacer bar.

Ti-AC40: AFG Soft Coat Low-E Coating with Super Spacer® bar.

E.& O.E.

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