

Picture (S-3600)	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
Energy Rating	21	21	31	26	35	31	32	33	37	31	39	35	43	38
CDN U-Value	2.614	2.597	2.024	1.756	1.838	1.531	1.881	1.870	1.586	1.431	1.451	1.257	1.202	0.981
CDN R-Value	0.383	0.385	0.494	0.569	0.544	0.653	0.532	0.535	0.631	0.699	0.689	0.796	0.832	1.019
US U-Value	0.457	0.454	0.354	0.307	0.321	0.267	0.329	0.327	0.277	0.250	0.254	0.220	0.210	0.171
US R-Value	2.2	2.2	2.8	3.3	3.1	3.7	3.0	3.1	3.6	4.0	3.9	4.6	4.8	5.8
SHGC	0.659	0.659	0.617	0.423	0.620	0.426	0.585	0.585	0.544	0.395	0.543	0.393	0.515	0.338
Visual Transmittance	0.712	0.712	0.662	0.615	0.662	0.615	0.640	0.640	0.595	0.551	0.595	0.551	0.554	0.475
Awning (S-3880)	Clr-IV	Clr-SS	SG500	Ti-AC40	SG500	Ti-AC40	Clr-IV	Clr-SS	SG500	Ti-AC40	SG500	Ti-AC40	SG500	Ti-AC40
Energy Rating	15	16	23	20	26	23	24	24	27	23	29	26	32	28
CDN U-Value	2.393	2.370	1.945	1.739	1.805	1.573	1.831	1.824	1.614	1.503	1.516	1.377	1.325	1.169
CDN R-Value	0.418	0.422	0.514	0.575	0.554	0.636	0.546	0.548	0.620	0.665	0.660	0.726	0.755	0.855
US U-Value	0.418	0.414	0.340	0.304	0.315	0.275	0.320	0.319	0.282	0.263	0.265	0.241	0.232	0.204
US R-Value	2.4	2.4	2.9	3.3	3.2	3.6	3.1	3.1	3.5	3.8	3.8	4.2	4.3	4.9
SHGC	0.478	0.478	0.448	0.308	0.450	0.310	0.424	0.424	0.394	0.287	0.394	0.285	0.373	0.246
Visual Transmittance	0.515	0.515	0.478	0.445	0.478	0.445	0.461	0.461	0.429	0.397	0.429	0.397	0.399	0.342
Casement (S-3830)	Clr-IV	Clr-SS	SG500	Ti-AC40	SG500	Ti-AC40	Clr-IV	Clr-SS	SG500	Ti-AC40	SG500	Ti-AC40	SG500	Ti-AC40
Energy Rating	16	16	23	20	26	23	25	24	27	23	30	26	32	28
CDN U-Value	2.368	2.346	1.938	1.738	1.803	1.576	1.814	1.822	1.603	1.509	1.508	1.386	1.320	1.181
CDN R-Value	0.422	0.426	0.516	0.575	0.555	0.635	0.551	0.549	0.624	0.663	0.663	0.722	0.758	0.847
US U-Value	0.414	0.410	0.339	0.304	0.315	0.275	0.317	0.318	0.280	0.264	0.263	0.242	0.231	0.206
US R-Value	2.4	2.4	3.0	3.3	3.2	3.6	3.2	3.1	3.6	3.8	3.8	4.1	4.3	4.8
SHGC	0.478	0.478	0.449	0.308	0.451	0.310	0.424	0.424	0.394	0.287	0.394	0.285	0.373	0.246
Visual Transmittance	0.515	0.515	0.478	0.445	0.478	0.445	0.461	0.461	0.429	0.397	0.429	0.397	0.399	0.342

CAN/CSA A440-00	Picture	Awning	Casement
Air Infiltration (m ³ /h)	Fixed 0.362	A3 0.288	A3 0.288
Water Tightness	B7	B7	B7
Wind Load Resistance	C5	C5	C5
Ease of Operation	N/A	Passed	Passed
Force Entry Resistance	N/A	N/A	N/A
Condensation Resistance	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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