

SOLAR SHIELD INSULATED GLASS PACKAGES



MAXIMIZE WINDOW PERFORMANCE WITH SOLAR SHIELD GLASS TECHNOLOGY

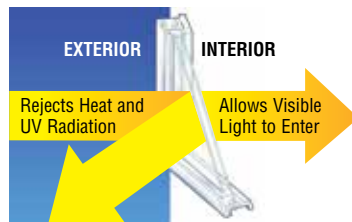
Windows are about 80% glass and can be a significant source of energy loss, so it's essential to choose a glass system that meets the tough demands of Northern climates. The glass should provide insulation from extreme weather yet allow the warmth and beauty of natural light to shine through.

Double- and triple-glazed glass units with the Super Spacer® structural foam spacer provide optimal energy efficiency and more:

- Resist condensation
- Reduce energy costs
- Provide long-life durability
- Add both comfort and value to your windows

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- Feature increased solar control to help create consistent indoor temperatures in regions with hot summers and cold winters
- Meet ENERGY STAR® requirements for all Climate Zones (1, 2 and 3) for all Regency 400 Series window styles
- Block up to 50% more unwanted solar energy than standard clear glass and up to 40% more than even dark tinted glass, resulting in lower air-conditioning usage and a more comfortable indoor climate
- Achieve centre-of-glass R-values up to 9, depending on the size and model of the window



The "R" indicates the resistance to heat flow through a solid object. The higher the R-value, the better the insulation performance against heating and cooling loss!

<p>Solar Shield 3DK</p> <p>R9/U.110/SHCG.393/VT.584</p>	<p>Solar Shield 3D</p> <p>R8/U.122/SHCG.390/VT.584</p>
<p>Solar Shield 3</p> <p>R5/U.194/SHCG.603/VT.713</p>	<p>Solar Shield S³</p> <p>R4/U.249/SHCG.270/VT.641</p>
<p>Solar Shield</p> <p>R3.5/U.286/SHCG.679/VT.784</p>	<p>Clear/Clear</p> <p>R2/U.482/SHCG.756/VT.813</p>

NOTE: All performance values based on centre of glass. ER values are based on whole window performance.

ENERGY-SAVING SOLUTIONS FOR NORTHERN CLIMATES

Classically styled and powerfully built, Regency 400 Series windows are backed by decades of window manufacturing expertise. Pride in our products and craftsmanship are at the heart of our commitment to quality. It's what makes our windows among the best in the industry and our service second to none.

- Solar Shield dual- and triple-glazed insulated glass units
- Super Spacer® structural foam spacer, various surfaces of Low-E and chambers of insulating gas for increased solar control
- ENERGY STAR qualified for all Climate Zones (1, 2 and 3) for all Regency 400 Series window styles
- Blocks up to 50% more unwanted solar energy than clear glass and 40% more than dark tinted glass – helps lower air-conditioning usage!
- Available in 7/8" double-glazed sealed units with Low-E and argon or up to 1-3/8" triple-glazed sealed units for ultra energy efficiency



Model/CPD: Operator:		8J71F/GTK-A-103 Fixed Casement					8J00A/GTK-A-102 Picture					8J71L/R/GTK-A-104 Casement					8J81A/GTK-A-105 Awning				
Name		U	U-SI	SHGC	R	ER	U	U-SI	SHGC	R	ER	U	U-SI	SHGC	R	ER	U	U-SI	SHGC	R	ER
Solar Shield 3DK*	Triple	0.15	0.85	0.31	7	39	0.14	0.79	0.33	7	42	0.17	0.97	0.26	6	34	0.17	0.97	0.26	6	34
Solar Shield 3D*	Triple	0.16	0.91	0.30	6	37	0.15	0.85	0.33	7	40	0.17	0.97	0.26	6	34	0.17	0.97	0.26	6	34
Solar Shield 3*	Triple	0.20	1.14	0.35	5	35	0.20	1.14	0.37	5	36	0.21	1.19	0.30	5	31	0.21	1.19	0.30	5	31
Solar Shield S ³	Dual	0.26	1.48	0.21	4	20	0.26	1.48	0.23	4	21	0.26	1.48	0.18	4	18	0.26	1.48	0.18	4	18
Solar Shield	Dual	0.27	1.53	0.37	4	28	0.27	1.53	0.40	4	29	0.26	1.48	0.32	4	26	0.27	1.53	0.32	4	25
Clear/Air/Clear	Dual	0.43	2.44	0.59	2	20	0.45	2.56	0.63	2	20	0.40	2.27	0.49	3	18	0.41	2.33	0.49	2	17

Model/CPD: Operator:		3J10A/GTK-A-106 Single Sider					3J40A/GTK-A-107 Single Hung					8J10A/GTK-A-109 Double Slider					8J40A/GTK-A-108 Double Hung				
Name		U	U-SI	SHGC	R	ER	U	U-SI	SHGC	R	ER	U	U-SI	SHGC	R	ER	U	U-SI	SHGC	R	ER
Solar Shield 3DK*	Triple	0.17	0.97	0.29	6	35	0.16	0.91	0.29	6	36	0.17	0.97	0.28	6	34	0.17	0.97	0.28	6	34
Solar Shield 3D*	Triple	0.18	1.02	0.29	6	34	0.18	1.02	0.29	6	34	0.19	1.08	0.28	5	32	0.19	1.08	0.28	5	32
Solar Shield 3*	Triple	0.22	1.25	0.33	5	31	0.22	1.25	0.33	5	31	0.22	1.25	0.32	5	30	0.22	1.25	0.32	5	30
Solar Shield S ³	Dual	0.27	1.53	0.20	4	17	0.27	1.53	0.20	4	17	0.27	1.53	0.19	4	17	0.27	1.53	0.19	4	17
Solar Shield	Dual	0.27	1.53	0.35	4	26	0.27	1.53	0.35	4	26	0.28	1.59	0.34	4	24	0.28	1.59	0.34	4	24
Clear/Air/Clear	Dual	0.43	2.44	0.55	2	18	0.43	2.44	0.56	2	18	0.43	2.44	0.53	2	16	0.43	2.44	0.54	2	17

Whole window values.

Glass Package Terminology

Solar Shield 3DK: Triple-pane unit with 2 panes of Low-E glass, 2 air spaces of krypton gas.

Solar Shield 3D: Triple-pane unit with 2 panes of Low-E glass, 2 air spaces of argon gas.

Solar Shield 3: Triple-pane unit with 1 pane of Low-E glass, 2 air spaces of argon gas.

Solar Shield S³: Double-pane unit with 1 pane of 3-coat Low-E glass and argon gas.

Solar Shield: Double-pane unit with 1 pane of Low-E glass and argon gas.

Clear: Double-pane clear glass unit.



*Regency 400 Series windows with a variety of SolarShield glass packages are recognized as ENERGY STAR Most Efficient 2016.



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