

ENERGYPLUS™ INSULATED GLASS PACKAGES



INCREASE COMFORT AND ENERGY EFFICIENCY YEAR-ROUND WITH ENERGYPLUS GLASS

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

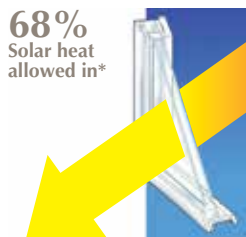
- Resist condensation
- Reduce energy costs
- Provide long-life durability
- Add both comfort and value to your windows

ENERGYPLUS GLASS PACKAGES

- Double-glazed EnergyPlus glass units (which are standard on Regency 400 Series windows) feature one surface of Low-E glass, insulating argon gas and Super Spacer structural foam spacer for an excellent Energy Rating (ER)
- Provide increased energy savings and UV protection compared to a standard clear glass unit
- Offer a variety of glass options to meet ENERGY STAR® performance requirements for your home and climate zone; please consult your window professional to determine the ideal ENERGY STAR qualified glass package for your home



78%
Visible light transmission*
Allows 78% visible light transmission to brighten the home's interior.



68%
Solar heat allowed in*
Lets in 68% of the sun's heat to warm the home naturally in winter months.



42%
More heat retained*
Improves insulating performance by 42% over double clear glass.

*Results achieved by testing centre of glass.

ENERGY STAR REQUIREMENTS

The most renowned energy authority in North America has determined there are more heating degree days than not. Choose higher ER-rated products to enjoy the benefits of natural or radiant heat known as Solar Heat Gain.

EnergyPlus glass from Gentek is specially formulated with insulating properties that provide superior energy savings in cold regions with difficult heating requirements.

EnergyPlus 3DK



ER Rating 38
U.152/SHGC.580/VT.688

EnergyPlus 3K



ER Rating 35
U.203/SHGC.619/VT.714

EnergyPlus 3D



ER Rating 32
U.217/SHGC.577/VT.688

EnergyPlus



ER Rating 31
U.286/SHGC.684/VT.785

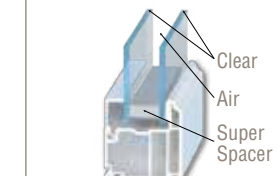
STANDARD GLASS PACKAGE

EnergyPlus 3



ER Rating 30
U.267/SHGC.611/VT.714

Clear/Clear



ER Rating 18
U.482/SHGC.764/VT.814

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

ENERGYPLUS GLASS FOR OPTIMAL THERMAL EFFICIENCY IN CHALLENGING NORTHERN CLIMATES

Classically styled and powerfully built, Regency 400 Series high-performance 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.

- EnergyPlus dual- and triple-glazed units with Super Spacer structural foam spacer, various surfaces of Low-E and chambers of insulating gas
- Specially formulated to provide superior energy savings in cold regions with difficult heating requirements
- Choose from a variety of insulated glass options to meet ENERGY STAR performance requirements for your home and climate zone
- 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	
EnergyPlus 3DK*	Triple	0.17	0.97	0.45	6	45	0.16	0.91	0.48	6	48	0.18	1.02	0.38	6	39	0.18	1.02	0.38	6	39
EnergyPlus 3K*	Triple	0.21	1.19	0.48	5	41	0.21	1.19	0.47	5	41	0.22	1.25	0.41	5	36	0.22	1.25	0.39	5	35
EnergyPlus 3D*	Triple	0.18	1.02	0.45	6	43	0.17	0.97	0.48	6	46	0.19	1.08	0.38	5	38	0.19	1.08	0.38	5	38
EnergyPlus 3*	Triple	0.22	1.25	0.48	5	40	0.22	1.25	0.51	5	42	0.22	1.25	0.40	5	36	0.22	1.25	0.40	5	36
EnergyPlus*	Dual	0.29	1.65	0.53	3	34	0.29	1.65	0.57	3	37	0.28	1.59	0.45	4	31	0.29	1.65	0.45	3	30
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 Slider					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	
EnergyPlus 3DK*	Triple	0.18	1.02	0.42	6	41	0.18	1.02	0.43	6	42	0.19	1.08	0.41	5	39	0.19	1.08	0.41	5	39
EnergyPlus 3K*	Triple	0.22	1.25	0.45	5	38	0.22	1.25	0.46	5	39	0.23	1.31	0.44	4	36	0.23	1.31	0.44	4	36
EnergyPlus 3D*	Triple	0.20	1.14	0.42	5	39	0.20	1.14	0.42	5	39	0.20	1.14	0.41	5	38	0.20	1.14	0.41	5	38
EnergyPlus 3*	Triple	0.23	1.31	0.44	4	36	0.23	1.31	0.45	4	37	0.24	1.36	0.43	4	34	0.24	1.36	0.44	4	35
EnergyPlus*	Dual	0.29	1.65	0.50	3	32	0.29	1.65	0.50	3	32	0.30	1.70	0.48	3	30	0.30	1.70	0.48	3	30
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

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

EnergyPlus 3K: Triple-paned unit with 1 pane of Low-E glass, 2 air spaces of krypton gas.

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

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

EnergyPlus: 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 EnergyPlus glass packages are recognized as ENERGY STAR Most Efficient 2016.



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gentek.ca *Make us a part of your home.*

