Ratings Chart

To help you "Solar Tune" and choose the state-of-the-art package that's right for you, we have designed an easy-to-follow chart with ratings for these features.

U-VALUE: Designates a window's resistance to heat loss. The lower the U Factor, the better and more efficient the window is in reducing heating and cooling costs.

R-VALUE: Measures a window's resistance to heat loss or how well a material resists heat transfer. The higher the R-Value, the better the insulating performance.

SHGC: Solar Heat Gain Coefficient measures how well a window blocks heat from the sun. The lower the number, the better the product at blocking unwanted heat gain.

VLT: Visible Light Transmission measures how much light comes through a window. The higher the VLT, the more visible light comes through.

UV: Measures the amount of UltraViolet light that is transmitted through a window that can cause fading of interior furnishings. The lower the number, the better the window at reducing fading potential.

	U-Value	R-Value	SHGC	VLT	UV
Single Pane	1.04	0.96	.86	90%	
EnergyGuard (Clear/Clear)	0.49	2.04	.76	81%	
EnergyGuard Plus 1 (272/Argon/Clear)	0.26	3.85	.41	72%	16%
EnergyGuard Plus 2 (366/Argon/Clear)	0.26	3.85	.27	64%	5%
EnergyGuard Plus 3 (272/Krypton/Clear)	0.24	4.17	.41	72%	16%
EnergyGuard Plus 4 (366/Krypton/Clear)	0.23	4.35	.27	64%	5%
InsulGuard 1 (272/Argon/Clear/Argon/272)	0.17	5.88	.35	57%	5%
InsulGuard 2 (366/Argon/Clear/Argon/366)	0.16	6.25	.24	46%	Less 1%
InsulGuard 3 (272/Krypton/Clear/Krypton/272)	0.11	9.09	.35	57%	5%
InsulGuard 4 (366/Krypton/Clear/Krypton/366)	0.11	9.09	.23	46%	Less 1%
InsulMax 1 (272/Argon/HM88/Argon/Clear)	0.16	6.26	.37	63%	Less 1%
InsulMax 2 (366/Argon/HM88/Argon/Clear)	0.15	6.67	.25	57%	Less 1%
InsulMax 3 (272/Krypton/HM88/Krypton/Clear)	0.12	8.33	.36	63%	Less 1%
InsulMax 4 (366/Krypton/HM88/Krypton/Clear)	0.12	8.33	.24	57%	Less 1%
InsulMax Plus 1 (366/Argon/HM88/Argon/366)	0.14	7.14	.23	45%	Less 1%
InsulMax Plus 2 (272/Krypton/HM88/Krypton/272)	0.11	9.09	.34	56%	Less 1%
InsulMax Plus 3 (366/Krypton/HM88/Krypton/366)	0.10	10.00	.23	45%	Less 1%

Data compiled by Lawrence Berkely Labs Environmental Energy Technologies Division in conjunction with the Department of Energy. Glass comparisons are COG for 1" insulated glass units.