

GLASS OPTIONS

We understand that buying windows can be a challenge and our goal is to make it easier for you to make an informed decision. This chart better explains the terms and presents the energy savings options available to you with the Simonton 5050 and 5500 Series windows. (Based upon a typical 36" x 60" double hung window)

We also invite you to visit our website (<http://www.windowonline.com>) which will link you directly to the Simonton website.

	Add'l cost / window	U-Factor	SHGC
<input checked="" type="checkbox"/> 5050 w/ Standard Insulated Glass: Double Glazed	Included	.48	.55
<input checked="" type="checkbox"/> 5500 w/ Standard Prosolar Glass: Double Glazed Softcoat Low E on One Pane with Argon Gas	Included	.31	.26
<input checked="" type="checkbox"/> 5500 w/ Solar System (AR) Insulated Glass: Double Glazed with 1" Super Spacer and Double Strength Glass, Double Coating of Softcoat Low E with Argon Gas	\$ 46.00	.30	.24
<input checked="" type="checkbox"/> 5500 w/ Low E 366³ Insulated Glass: Double Glazed with 1" Super Spacer and Double Strength Glass, Triple Coating of Softcoat Low E with Argon Gas	\$44.00	.30	.21

TERMINOLOGY USED IN WINDOW SPECIFICATIONS

GLAZING - The number of individual glass panes

LOW 'E' - A transparent metal oxide coating applied onto the glass surface. This application allows shortwave energy to pass through while reflecting long-wave infrared energy which improves the U-FACTOR and reduces the SHGC.

ARGON GAS - An odorless, colorless, nontoxic, heavier-than-air gas that is inserted between the panes of glass to reduce temperature transfer.

SUPER SPACER - Made of a special material used to separate glass panes along with the metal spacer that greatly reduces heat and cold transfer at the window edge.

U-FACTOR - A measure of how well heat is transferred by the entire window - the frame, sash and glass - either into or out of the building. U-value is the opposite of R-value. The lower the U-factor number, the better the window will keep heat inside a home on a cold day.

SOLAR HEAT GAIN COEFFICIENT (SHGC) - The amount of heat absorbed into a home from the rays of the sun. The lower this number - the better.