

**MODEL 7100**

DOUBLE HUNG - REPLACEMENT



WHITE

BROWN

SANDALWOOD

**STRUCTURAL TEST DATA**

**FOR EGRESS SIZES ON THE FOLLOWING WINDOWS:**

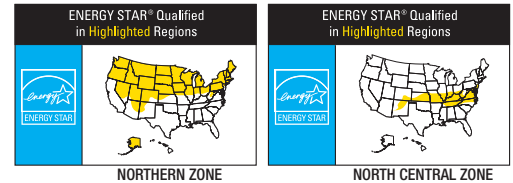
- These Sizes Also Meet Minimum 20" Clear Egress Width And 24" Clear Egress Height

MODEL	SIZE	GLASS TYPE	FORCED ENTRY RESISTANCE	AIR INFILTRATION SCFM/FT	PRODUCT DESIGNATION	DESIGN PRESSURE	MAXIMUM WATER PRESSURE ACHIEVED	MAXIMUM STRUCTURAL PRESSURE ACHIEVED	MANUFACTURED SIZE REQUIRED TO MEET 5.7 SF EGRESS WITH STANDARD HARDWARE
7100	40 X 63	7/8 DUAL SSB	GRADE 10	0.09	H-R35	35.09 PSF	5.43 PSF	52.63 PSF	38 3/4 X 61 3/4
7100	40 X 63	7/8 DUAL DSB	GRADE 10	0.09	H-R35	35.09 PSF	7.52 PSF	52.63 PSF	38 3/4 X 61 3/4
* DOUBLE HUNG WINDOW WITH EGRESS HARDWARE <b>"NO BALANCE COVER"</b>									37 7/8 X 59 1/2
* DOUBLE HUNG WINDOW WITH EGRESS HARDWARE <b>"WITH BALANCE COVER"</b>									38 3/4 X 59 3/4

**THERMAL PROPERTIES**

**FOR ALL OF THE FOLLOWING WINDOWS:**

- Dual Glass consists of one light RLE 70/36 and one light clear
- Triple Glass consists of two lights RLE 70/36 and one light clear
- All air spaces contain Argon Gas



NORTHERN ZONE

NORTH CENTRAL ZONE

**ENERGY KING PLUS 7100 DOUBLE HUNG**

DOUBLE HUNG 7100	GLAZING OPTION	FOAM FILLED YES / NO	GRIDS YES / NO	U-VALUE	R-VALUE	SOLAR HEAT GAIN COEFFICIENT	CONDENSATION RESISTANCE	VISUAL TRANSMITTANCE	2016 ENERGY STAR LABEL	
									NORTHERN ZONE	NORTH CENTRAL ZONE
<sup>1</sup> Guardian Climaguard 70/36 Surface 2		<b>DUAL GLAZED STANDARD STRENGTH GLASS</b>						√ = Qualified		
	7/8 Low-E <sup>1</sup> Argon Dual SSB	Yes	No	0.27	3.70	0.29	57	0.55	√	√
	7/8 Low-E <sup>1</sup> Argon Dual SSB	Yes	Yes	0.27	3.70	0.26	57	0.49	√	√
	7/8 Low-E <sup>1</sup> Argon Dual SSB	No	No	0.29	3.44	0.29	57	0.55	-	√
	7/8 Low-E <sup>1</sup> Argon Dual SSB	No	Yes	0.29	3.44	0.26	57	0.49	-	√
<sup>2</sup> Guardian Climaguard 70/36 Surface 2 & 4		<b>TRIPLE GLAZED STANDARD STRENGTH GLASS</b>								
	7/8 Low-E <sup>2</sup> Argon(2) Triple SSB	Yes	No	0.21	4.76	0.23	68	0.43	√	√
	7/8 Low-E <sup>2</sup> Argon(2) Triple SSB	Yes	Yes	0.22	4.54	0.21	68	0.38	√	√
	7/8 Low-E <sup>2</sup> Argon(2) Triple SSB	No	No	0.23	4.34	0.23	67	0.43	√	√
	7/8 Low-E <sup>2</sup> Argon(2) Triple SSB	No	Yes	0.23	4.34	0.21	67	0.38	√	√



MODELS 7100

**GLOSSARY OF TERMS**

**U VALUE** – The rate of heat flow through a glazing system: the lower the value, the better the insulating quality.

**R VALUE** – The resistance to temperature change through a glazing system, the higher the value, the better the insulating quality.

**SOLAR HEAT GAIN** – The percentage of heat gained from both direct sunlight and absorbed heat. The smaller the number, the greater the ability to reduce solar heat gain.

**CONDENSATION RESISTANCE FACTOR** – A measure of the effectiveness of window or glazing system to reduce the potential for condensation. The higher the condensation resistance factor, the more efficient the window and glazing system.

**VISIBLE TRANSMITTANCE** – The percentage of light that is transmitted through glass in the visible light spectrum. The higher the number the higher the percentage of visible light transmitted through the window.

**MODEL 6100**

DOUBLE HUNG - NEW CONSTRUCTION



WHITE

BROWN

SANDALWOOD

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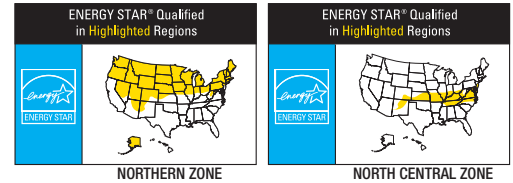
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