



### Thermal Performance Data

Window Style	U-Factor <sup>1</sup>	SHGC <sup>2</sup>	UV Block <sup>3</sup>	VLT <sup>4</sup>
Single-Hung [Standard Double-Pane Clear]	0.46	0.62	42%	82%
Single-Hung <b>INFINIT@PLUS</b> with Argon <small>HIGH PERFORMANCE GLAZING SYSTEM</small>	0.27	0.22	95%	65%
Single-Hung <b>QuadraTherm</b> with Argon	<b>0.23</b>	<b>0.22</b>	<b>95%</b>	<b>63%</b>
Single-Slider [Standard Double-Pane Clear]	0.46	0.62	42%	82%
Single-Slider <b>INFINIT@PLUS</b> with Argon <small>HIGH PERFORMANCE GLAZING SYSTEM</small>	0.27	0.22	95%	65%
Single-Slider <b>QuadraTherm</b> with Argon	<b>0.23</b>	<b>0.22</b>	<b>95%</b>	<b>63%</b>
Picture-Window [Standard Double-Pane Clear]	0.46	0.67	42%	82%
Picture Window <b>INFINIT@PLUS</b> with Argon <small>HIGH PERFORMANCE GLAZING SYSTEM</small>	0.25	0.24	95%	65%
Picture Window <b>QuadraTherm</b> with Argon	<b>0.21</b>	<b>0.23</b>	<b>95%</b>	<b>63%</b>

1 U-factor represents the amount of heat transfer as measured in accordance with NFRC 100-2001, calculation uses total window unit, and assumes 3/4" glazing with a 1/2" airspace. Lower is better.  
 2 Solar heat gain coefficient (SHGC) measures the amount of solar radiation entering the building. As measured per NFRC 200-2001 with the Window 4.1 and Frame 4.1 modeling programs. Lower is better.  
 3 Ultraviolet (UV) light block calculations performed using Lawrence Berkeley Laboratories Window 4.1 program. Percentages indicate amount of UV transmittance blocked from the interior using a 3/4" glazing unit.  
 4 Visible light transmittance indicates the amount of outside light reaching the interior as calculated using center of glass. These percentages represent the viewing area and do not include the vinyl portion of the window.

### STC Ratings - Sound Transmission Class

Sound Ratings	1/8 over 1/8		SOUND PACKAGE 1/8 over 3/16		1/8 over 7/32 Lami	
	STC	OITC	STC	OITC	STC	OITC
Single Hung (SH)	28	25	35	29	37	30
Single Glider (XO,OX)	29	25	34	28	35	29
PW / Geometrics	29	24	34	28	35	29

\*\* Sound Package is strongly recommended for the best value and listed on the Glazing Options page.



### Structural Performance Data

Catalina	Min Size	Max Size	Rating <sup>(1)</sup>
Single Hung (SH)	12 1/4 x 21	48 x 96 <sup>(3)</sup>	LC30
Single Slider (XO,OX)	21 x 12 1/2	72 x 60	LC30
	21 x 13 <sup>(2)</sup>	96 x 72	R20
End Vent Slider (XOX)	42 x 12 1/2	144 x 72 <sup>(5)</sup>	R20
	42 x 13 <sup>(2)</sup>		
Picture Window (PW)	8 1/2 x 8 1/2	96 x 72	HC45
		120 x 48 <sup>(4)</sup>	HC50

Catalina - <u>Expanded View/Egress</u>	Min Size	Max Size	Rating <sup>(1)</sup>
Single Hung (SH)	10 3/4 x 21	48 x 96 <sup>(3)</sup>	LC30
Single Slider (XO,OX)	21 x 9	96 x 72	R20
	21 x 13 <sup>(2)</sup>		
End Vent Slider (XOX)	42 x 9	144 x 72 <sup>(5)</sup>	R20
	42 x 13 <sup>(2)</sup>		

- (1) Rating based on Max Size unit
- (2) Minimum Size with True Action Lock and Sash Bolt Option
- (3) Maximum Single Hung vent height is 36"
- (4) PW over 96" wide must be tempered
- (5) End Vent Slider (XOX) configuration is 4/2/4

Combinations <sup>(1)</sup>	Min Size	Max Size	Rating
SH/SH or PW/SH or SH/PW	26 1/2 x 22 1/2	96 x 96	R20
SH/SH/SH or SH/PW/SH	39 3/4 x 22 1/2	144 x 84	R25
PW over XO, OX	21 x 24	96 x 96	R20
PW over XOX	42 x 24	96 x 96	R20
PW/PW	18 x 8 1/2	120 x 96	R15
PW/PW/PW	27 x 8 1/2	144 x 72	R15

(1) Catalina-E not available in one frame Combinations.