








Thermal Performance Data

Window Style	U-Factor ¹	SHGC ²	UV Block ³	VLT ⁴
Double-Hung [Standard Double-Pane Clear]	0.46	0.59	42%	82%
Double-Hung  with Argon	0.28	0.21	95%	65%
Double-Hung QuadraTherm with Argon	0.24	0.21	95%	63%
Double-Slider [Standard Double-Pane Clear]	0.45	0.60	42%	82%
Double-Slider  with Argon	0.27	0.21	95%	65%
Double-Slider QuadraTherm with Argon	0.24	0.21	95%	63%
Picture-Window [Standard Double-Pane Clear]	0.46	0.67	42%	82%
Picture Window  with Argon	0.25	0.24	95%	65%
Picture Window QuadraTherm with Argon	0.21	0.23	95%	63%
Casement [Standard Double-Pane Clear]	0.41	0.49	42%	82%
Casement  with Argon	0.26	0.18	95%	65%
Casement QuadraTherm with Argon	0.23	0.17	95%	63%
Awning [Standard Double-Pane Clear]	0.42	0.49	42%	82%
Awning  with Argon	0.27	0.18	95%	65%
Awning QuadraTherm with Argon	0.24	0.17	95%	63%

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
Double Hung (DH)	28	25	35	29	35	29
Double Glider (XX)	29	25	34	28	36	29
PW / Geometrics	29	24	34	28	35	29
Casement	29	24	35	28	36	29
Awning	29	24	35	28	36	29

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



Structural Performance Data

Coronado	Min Size	Max Size	Rating ⁽¹⁾
Double Hung (DH)	13 1/4 x 22 1/2	54 x 72	R25
Double Slider (XX)	21 x 13 1/2	96 x 72	R15
End Vent Slider (XOX)	42 1/2 x 13 1/2	144 x 72 ⁽³⁾	R15
Picture Window (PW)	8 1/2 x 8 1/2	96 x 72	HC45
		120 x 48 ⁽²⁾	HC50
Casement (LH,RH)	16 x 16	38 x 80	R25
Casement Picture (PW)	16 x 13	96 x 72	C30
Awning	20 x 14	60 x 36	LC25

- (1) Rating based on Max Size unit
- (2) PW over 96" wide must be tempered
- (3) End Vent Slider (XOX) configuration is 4/2/4

Combinations	Min Size	Max Size	Rating
DH/DH or PW/DH or DH/PW	26 1/2 x 22 1/2	96 x 72	R25
DH/DH/DH	39 3/4 x 22 1/2	144 x 72	R25
DH/PW/DH	39 3/4 x 22 1/2	144 x 72	R20
PW/PW	18 x 8 1/2	120 x 96	R15
PW/PW/PW	27 x 8 1/2	144 x 72	R15

Casement Combinations	Min Size	Max Size	Rating
CSMT/CSMT	32 x 16	72 x 72	LC25
CSMT/PW/CSMT	48 x 16	144 x 72	R20