

## Ridge Vent In-House Thermal Simulations

Cardinal Glazing				
[272-Clear] [ $\frac{1}{8}$ " - $\frac{5}{16}$ " .060 PVB]				
Generation	U-Value	SHGC	VT	Condensation
G1	0.76	0.27	0.40	41
G2	0.59	0.24	0.39	48
[272-i89] [ $\frac{1}{8}$ " - $\frac{5}{16}$ " .060 PVB]				
Generation	U-Value	SHGC	VT	Condensation
G1	0.73	0.26	0.39	42
G2	0.56	0.24	0.38	48
[366-Clear] [ $\frac{1}{8}$ " - $\frac{5}{16}$ " .060 PVB]				
Generation	U-Value	SHGC	VT	Condensation
G1	0.75	0.19	0.36	41
G2	0.59	0.17	0.35	48
[366 - i89] [ $\frac{1}{8}$ " - $\frac{5}{16}$ " .060 PVB]				
Generation	U-Value	SHGC	VT	Condensation
G1	0.72	0.18	0.35	42
G2	0.55	0.16	0.34	46
Vitro Glazing				
[Solarban 60-Clear] [ $\frac{1}{8}$ " - $\frac{5}{16}$ " .060 PVB]				
Generation	U-Value	SHGC	VT	Condensation
G1	0.75	0.26	0.41	41
G2	0.59	0.24	0.39	48
[Solarban 70-Clear] [ $\frac{1}{8}$ " - $\frac{5}{16}$ " .060 PVB]				
Generation	U-Value	SHGC	VT	Condensation
G1	0.75	0.19	0.36	41
G2	0.59	0.17	0.34	48
Guardian Glazing				
[SN68-Clear] [ $\frac{1}{8}$ " - $\frac{5}{16}$ " .060 PVB]				
Generation	U-Value	SHGC	VT	Condensation
G1	0.75	0.25	0.39	41
G2	0.59	0.23	0.38	48

Note: Not all configurations shown are NFRC Certified products. Solar Innovations, Inc. is not a NFRC accredited certified simulation laboratory. Results listed are for reference only. Actual NFRC values may vary. Units were modeled to NFRC -100, NFRC-200, and NFRC-500 standards using the standard size for each unit. All values are calculated using Windows 6.3 / THERM 6.3 programs by Lawrence Berkeley National Laboratory. Custom glass thermal simulations are available upon customer request.