


Calculation based on ISO 10077-2, EN 673, EN 410

Product name: <b>Kohltech Supreme Awning LoGain</b>				Center-of-glass properties				
ASHRAE/IECC /DOE North American Climate Zone	North, East, West - facing			Guardian EnerGlas Plus LG No Grids				
Climate specific recommendations:		Whole-window installed U-value			Ucog-Value			
		W/m2K	BTU/hr.ft2.F	SHGC	W/m2K	BTU/hr.ft2.F		
8		0.92	0.16	0.332	0.661	0.116		
7		0.93	0.16	0.332	0.666	0.117		
6		0.93	0.16	0.332	0.675	0.119		
5		0.93	0.16	0.332	0.677	0.119		
4		0.94	0.16	0.332	0.681	0.120		
Marine North		0.94	0.17	0.332	0.684	0.121		
Marine South	✓	0.94	0.17	0.332	0.690	0.121		
3	✓	0.94	0.17	0.332	0.687	0.121		
2 West		0.95	0.17	0.332	0.701	0.124		
2 East		0.95	0.17	0.332	0.701	0.124		
Kohltech Supreme Awning LoGain SS-Premium Plus	FRAME				Psi-spacer		Psi-opaque	
	Frame height		U-frame		Ψ		W/mK	
	mm	in	W/m2K	BTU/hr.ft2.F	W/mK	BTU/hr.ft.F		
	Head	84	3.32	1.15	0.20	0.026	0.015	0.130
	Sill	84	3.32	1.15	0.20	0.026	0.015	BTU/hr.ft.F
left jamb	84	3.32	1.15	0.20	0.026	0.015	0.075	
right jamb	84	3.32	1.15	0.20	0.026	0.015	Grade B	

Valid through March 2021