


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

Product name: <b>Kohltech Supreme Casement LoGain</b>				Center-of-glass properties				
ASHRAE/IECC /DOE North American Climate Zone	North, East, West - facing	South- 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 Casement 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
	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