


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

Product name: Kohltech Supreme Casement HiGain				Center-of-glass properties				
ASHRAE/IECC /DOE North American Climate Zone	North, East, South- facing	West - facing			Guardian EnerGlas Plus HG 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			1.00	0.18	0.612	0.770	0.136	
7			1.01	0.18	0.612	0.778	0.137	
6			1.02	0.18	0.612	0.789	0.139	
5			1.02	0.18	0.612	0.792	0.139	
4			1.02	0.18	0.612	0.797	0.140	
Marine North			1.03	0.18	0.612	0.802	0.141	
Marine South			1.03	0.18	0.612	0.809	0.142	
3			1.03	0.18	0.612	0.804	0.142	
2 West			1.04	0.18	0.612	0.824	0.145	
2 East			1.04	0.18	0.612	0.824	0.145	
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	BTU/hr.ft.F		
	Head	84	3.32	1.15	0.20	0.025	0.015	0.129
	Sill	84	3.32	1.15	0.20	0.025	0.015	BTU/hr.ft.F
left jamb	84	3.32	1.15	0.20	0.025	0.015	0.075	
right jamb	84	3.32	1.15	0.20	0.025	0.015	Grade B	

Valid through March 2021