


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

Product name: <b>Kohltech Supreme Awning HiGain</b>				Center-of-glass properties					
ASHRAE/IECC /DOE North American Climate Zone	North, East, South-facing	West-facing							
			Guardian EnerGlas Plus HG			No Grids			
			Whole-window installed U-value		Ucog-Value				
Climate specific recommendations:			W/m2K	BTU/hr.ft2.F	SHGC	BTU/hr.ft2.F			
			W/m2K	BTU/hr.ft2.F	W/m2K	BTU/hr.ft2.F			
8			1.00	0.18	0.612	0.136			
7			1.01	0.18	0.612	0.137			
6			1.02	0.18	0.612	0.139			
5			1.02	0.18	0.612	0.139			
4			1.02	0.18	0.612	0.140			
Marine North			1.03	0.18	0.612	0.141			
Marine South			1.03	0.18	0.612	0.142			
3			1.03	0.18	0.612	0.142			
2 West			1.04	0.18	0.612	0.145			
2 East			1.04	0.18	0.612	0.145			
Kohltech Supreme Awning HiGain 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