


Calculation based on ISO 15099

Product name: Kohltech 2020 Supreme Awning				Center-of-glass properties				
ASHRAE/IECC /DOE North American Climate Zone	North, East, South-facing	West-facing						
				Guardian 3mm7036 surfaces 2 & 5, Arg95, 1-3/8"OA No Grids				
				Whole-window installed U-value		Ucog-Value		
Climate specific recommendations:				W/m2K	BTU/hr.ft2.F	SHGC	W/m2K	BTU/hr.ft2.F
8			0.88	0.16	0.329	0.693	0.122	
7			0.87	0.15	0.329	0.682	0.120	
6			0.87	0.15	0.329	0.676	0.119	
5			0.87	0.15	0.329	0.676	0.119	
4		✓	0.87	0.15	0.329	0.676	0.119	
Marine North		✓	0.87	0.15	0.329	0.677	0.119	
Marine South	✓		0.87	0.15	0.329	0.680	0.120	
3	✓		0.87	0.15	0.329	0.678	0.119	
2 West			0.88	0.15	0.329	0.686	0.121	
2 East			0.88	0.15	0.329	0.686	0.121	
Kohltech 2020 Supreme Awning EnerEdge		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	63	2.48	1.06	0.19	0.018	0.010
Sill	63	2.48	1.06	0.19	0.018	0.010	BTU/hr.ft.F	
left jamb	63	2.48	1.05	0.19	0.017	0.010	0.051	
right jamb	63	2.48	1.05	0.19	0.017	0.010	Grade A	

Valid through January 2022