


Calculation based on ISO 15099

Product name: Kohltech 2020 Supreme Casement				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:				SHGC	BTU/hr.ft2.F	
				W/m2K	W/m2K	BTU/hr.ft2.F
				BTU/hr.ft2.F		
8			0.88	0.16	0.329	0.122
7			0.87	0.15	0.329	0.120
6			0.87	0.15	0.329	0.119
5			0.87	0.15	0.329	0.119
4		✓	0.87	0.15	0.329	0.119
Marine North		✓	0.87	0.15	0.329	0.119
Marine South	✓		0.87	0.15	0.329	0.120
3	✓		0.87	0.15	0.329	0.119
2 West			0.88	0.15	0.329	0.121
2 East			0.88	0.15	0.329	0.121
Kohltech 2020 Supreme Case		FRAME		Psi-spacer		Psi-opaque
EnerEdge		U-frame		Ψ		
		W/m2K	BTU/hr.ft2.F	W/mK	BTU/hr.ft.F	W/mK
		mm	in			
Head	63	2.48	1.06	0.19	0.017	0.010
Sill	63	2.48	1.06	0.19	0.017	0.010
left jamb	63	2.48	1.05	0.19	0.018	0.010
right jamb	63	2.48	1.05	0.19	0.018	0.010

Valid through January 2022