


Calculation based on ISO 15099

Product name: Kohltech 2020 Supreme Wide Fixed				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	BTU/hr.ft2.F		
			W/m2K	BTU/hr.ft2.F	W/m2K	BTU/hr.ft2.F		
8			0.92	0.16	0.329	0.122		
7			0.91	0.16	0.329	0.120		
6			0.90	0.16	0.329	0.119		
5			0.90	0.16	0.329	0.119		
4			0.90	0.16	0.329	0.119		
Marine North		✓	0.90	0.16	0.329	0.119		
Marine South	✓		0.91	0.16	0.329	0.120		
3	✓		0.90	0.16	0.329	0.119		
2 West			0.91	0.16	0.329	0.121		
2 East			0.91	0.16	0.329	0.121		
Kohltech 2020 Supreme Wide 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	64	2.51	1.28	0.22	0.017	0.010
Sill	64	2.51	1.28	0.22	0.017	0.010	BTU/hr.ft.F	
left jamb	64	2.51	1.23	0.22	0.016	0.009	0.058	
right jamb	64	2.51	1.23	0.22	0.016	0.009	Grade A	

Valid through January 2022