


Calculation based on ISO 15099

Product name: Kohltech 2020 Supreme Narrow 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	W/m2K	BTU/hr.ft2.F
8			0.90	0.16	0.329	0.693	0.122	
7			0.89	0.16	0.329	0.682	0.120	
6			0.89	0.16	0.329	0.676	0.119	
5			0.89	0.16	0.329	0.676	0.119	
4			0.89	0.16	0.329	0.676	0.119	
Marine North		✓	0.89	0.16	0.329	0.677	0.119	
Marine South	✓		0.89	0.16	0.329	0.680	0.120	
3	✓		0.89	0.16	0.329	0.678	0.119	
2 West			0.89	0.16	0.329	0.686	0.121	
2 East			0.89	0.16	0.329	0.686	0.121	
Kohltech 2020 Supreme Narr 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	49	1.93	1.32	0.23	0.016	0.009	0.082
	Sill	49	1.93	1.32	0.23	0.016	0.009	BTU/hr.ft.F
left jamb	49	1.93	1.29	0.23	0.016	0.009	0.047	
right jamb	49	1.93	1.29	0.23	0.016	0.009	Grade A	

Valid through January 2022