


Calculation based on ISO 15099

Product name: <b>Kohltech 2020 Supreme Awning</b>				Center-of-glass properties				
ASHRAE/IECC /DOE North American Climate Zone	South- facing	North, East, West - facing				Kohltech 3mm7036 surfaces 2 & 5, Arg95, 1-3/8"OA No Grids		
Climate specific recommendations:						Whole-window installed U-value		<u>Ucog-Value</u>
			W/m2K	BTU/hr.ft2.F	SHGC	W/m2K	BTU/hr.ft2.F	
8			0.89	0.16	0.329	0.693	0.122	
7			0.88	0.16	0.329	0.682	0.120	
6			0.88	0.15	0.329	0.676	0.119	
5			0.88	0.15	0.329	0.676	0.119	
4		✓	0.88	0.15	0.329	0.676	0.119	
Marine North		✓	0.88	0.15	0.329	0.677	0.119	
Marine South	✓		0.88	0.15	0.329	0.680	0.120	
3	✓		0.88	0.15	0.329	0.678	0.119	
2 West			0.88	0.16	0.329	0.686	0.121	
2 East			0.88	0.16	0.329	0.686	0.121	
Kohltech 2020 Supreme Awning EnerEdge		FRAME				Psi-spacer		Psi-opaque
		Frame height		U-frame		□		W/mK
	mm	in	W/m2K	BTU/hr.ft2.F	W/mK	BTU/hr.ft.F		
	Head	63	2.48	1.07	0.19	0.018	0.010	0.090
	Sill	63	2.48	1.07	0.19	0.018	0.010	BTU/hr.ft.F
	left jamb	63	2.48	1.11	0.20	0.018	0.010	0.052
	right jamb	63	2.48	1.11	0.20	0.018	0.010	Grade A

Valid through March 2024

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Product name: **Kohltech 2020 Supreme Awning**

Center-of-glass properties

ASHRAE/IECC /DOE North American Climate Zone

South-facing

North, East, West-facing



Kohltech 3mm7036 surfaces 2 & 5, Arg95, 1-3/8"OA Internal grids < 25.4mm maintain 3mm clearance

Climate specific recommendations:	Whole-window installed U-value		Ucog-Value		
	W/m2K	BTU/hr.ft2.F	SHGC	W/m2K	BTU/hr.ft2.F
8	0.89	0.16	0.290	0.693	0.122
7	0.88	0.16	0.290	0.682	0.120
6	0.88	0.15	0.290	0.676	0.119
5	0.88	0.15	0.290	0.676	0.119
4	0.88	0.15	0.290	0.676	0.119
Marine North	0.88	0.15	0.290	0.677	0.119
Marine South	0.88	0.15	0.290	0.680	0.120
3	0.88	0.15	0.290	0.678	0.119
2 West	0.88	0.16	0.290	0.686	0.121
2 East	0.88	0.16	0.290	0.686	0.121

Kohltech 2020 Supreme Awning EnerEdge	FRAME				Psi-spacer		Psi-opaque
	Frame height		U-frame		W/mK	BTU/hr.ft.F	W/mK
	mm	in	W/m2K	BTU/hr.ft2.F			
Head	63	2.48	1.07	0.19	0.018	0.010	0.090
Sill	63	2.48	1.07	0.19	0.018	0.010	BTU/hr.ft.F
left jamb	63	2.48	1.11	0.20	0.018	0.010	0.052
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