



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 3mm8071 surfaces 3 & 5, Arg95, 1-3/8"OA No Grids					
Climate specific recommendations:		Whole-window installed U-value		Ucog-Value				
		W/m2K	BTU/hr.ft2.F	SHGC	W/m2K	BTU/hr.ft2.F		
8		0.95	0.17	0.613	0.769 0.135			
7		0.94	0.17	0.613	0.762 0.134			
6		0.94	0.17	0.613	0.760 0.134			
5		0.94	0.17	0.613	0.760 0.134			
4		0.95	0.17	0.613	0.762 0.134			
Marine North		0.95	0.17	0.613	0.765 0.135			
Marine South		0.95	0.17	0.613	0.770 0.136			
3		0.95	0.17	0.613	0.767 0.135			
2 West		0.96	0.17	0.613	0.779 0.137			
2 East		0.96	0.17	0.613	0.779 0.137			
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	1.08	0.19	0.017	0.010	0.090
	Sill	63	2.48	1.08	0.19	0.017	0.010	BTU/hr.ft.F
left jamb	63	2.48	1.12	0.20	0.017	0.010	0.052	
right jamb	63	2.48	1.12	0.20	0.017	0.010	Grade A	

Valid through March 2024

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ASHRAE/IECC /DOE North American Climate Zone	South- facing	North, East, West - facing	 <p>Kohltech 3mm8071 surfaces 3 &amp; 5, Arg95, 1-3/8"OA Internal grids &lt; 25.4mm maintain 3mm clearance</p>					
Climate specific recommendations:		Whole-window installed U-value				Ucog-Value		
		W/m2K	BTU/hr.ft2.F	SHGC	W/m2K	BTU/hr.ft2.F		
8		0.95	0.17	0.539	0.769	0.135		
7		0.94	0.17	0.539	0.762	0.134		
6		0.94	0.17	0.539	0.760	0.134		
5		0.94	0.17	0.539	0.760	0.134		
4		0.95	0.17	0.539	0.762	0.134		
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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	1.08	0.19	0.017	0.010	0.090
	Sill	63	2.48	1.08	0.19	0.017	0.010	BTU/hr.ft.F
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