



Calculation based on ISO 15099

Product name: Kohltech 2020 Supreme Casement			Center-of-glass properties					
ASHRAE/IECC /DOE North American Climate Zone	South- facing	North, East, West - facing	 <p>Kohltech 3mm8071 surfaces 3 & 5, Arg95, 1-3/8"OA No Grids</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	0.613	0.769	0.135	
7			0.95	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 Casement EnerEdge	FRAME				Psi-spacer		Psi-opaque	
	Frame height		U-frame		<input type="checkbox"/>		W/mK	
	mm	in	W/m2K	BTU/hr.ft2.F				BTU/hr.ft.F
	Head	63	2.48	1.08	0.19	0.016	0.009	0.090
	Sill	63	2.48	1.08	0.19	0.016	0.009	BTU/hr.ft.F
left jamb	63	2.48	1.12	0.20	0.018	0.010	0.052	
right jamb	63	2.48	1.12	0.20	0.018	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 & 5, Arg95, 1-3/8"OA Internal grids < 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			0.95	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	
Marine North			0.95	0.17	0.539	0.765	0.135	
Marine South			0.95	0.17	0.539	0.770	0.136	
3			0.95	0.17	0.539	0.767	0.135	
2 West			0.96	0.17	0.539	0.779	0.137	
2 East			0.96	0.17	0.539	0.779	0.137	
Kohltech 2020 Supreme Casement			FRAME		Psi-spacer		Psi-opaque	
EnerEdge			Frame height		U-frame		□	
			mm	in	W/m2K	BTU/hr.ft2.F		W/mK
Head			63	2.48	1.08	0.19	0.016	0.009
Sill			63	2.48	1.08	0.19	0.016	0.009
left jamb			63	2.48	1.12	0.20	0.018	0.010
right jamb			63	2.48	1.12	0.20	0.018	0.010
							W/mK	BTU/hr.ft.F
							0.090	
								Grade A

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