



Calculation based on ISO 15099

Product name: Kohltech 2020 Supreme Narrow Fixed		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		0.97	0.17	0.613	0.769	0.135		
7		0.96	0.17	0.613	0.762	0.134		
6		0.96	0.17	0.613	0.760	0.134		
5		0.96	0.17	0.613	0.760	0.134		
4		0.96	0.17	0.613	0.762	0.134		
Marine North		0.97	0.17	0.613	0.765	0.135		
Marine South		0.97	0.17	0.613	0.770	0.136		
3		0.97	0.17	0.613	0.767	0.135		
2 West		0.98	0.17	0.613	0.779	0.137		
2 East		0.98	0.17	0.613	0.779	0.137		
Kohltech 2020 Supreme Narrow Fixed 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	49	1.93	1.33	0.23	0.015	0.009	0.084
	Sill	49	1.93	1.33	0.23	0.015	0.009	BTU/hr.ft.F
left jamb	49	1.93	1.34	0.24	0.016	0.009	0.048	
right jamb	49	1.93	1.34	0.24	0.016	0.009	Grade A	

Valid through March 2024

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ASHRAE/IECC /DOE North American Climate Zone	South-facing	North, East, West - facing			Kohltech 3mm8071 surfaces 3 & 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			0.97	0.17	0.541	0.769	0.135	
7			0.96	0.17	0.541	0.762	0.134	
6			0.96	0.17	0.541	0.760	0.134	
5			0.96	0.17	0.541	0.760	0.134	
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Kohltech 2020 Supreme Narrow Fixed EnerEdge			FRAME		Psi-spacer		Psi-opaque	
			Frame height		U-frame		□	
	mm	in	W/m2K	BTU/hr.ft2.F	W/mK	BTU/hr.ft.F		
	Head	49	1.93	1.33	0.23	0.015	0.009	0.084
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