



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 3mm7036 surfaces 2 & 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			0.91	0.16	0.329	0.693 0.122		
7			0.90	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			0.90	0.16	0.329	0.686 0.121		
2 East			0.90	0.16	0.329	0.686 0.121		
Kohltech 2020 Supreme Narrow Fixed EnerEdge			FRAME		Psi-spacer		Psi-opaque	
			Frame height		U-frame		W/mK	BTU/hr.ft.F
		mm	in	W/m2K	BTU/hr.ft2.F			
Head		49	1.93	1.32	0.23	0.016	0.009	0.084
Sill		49	1.93	1.32	0.23	0.016	0.009	BTU/hr.ft.F
left jamb		49	1.93	1.34	0.24	0.017	0.010	0.049
right jamb		49	1.93	1.34	0.24	0.017	0.010	Grade A

Valid through March 2024

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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 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			0.91	0.16	0.290	0.693	0.122			
7			0.90	0.16	0.290	0.682	0.120			
6			0.89	0.16	0.290	0.676	0.119			
5			0.89	0.16	0.290	0.676	0.119			
4			0.89	0.16	0.290	0.676	0.119			
Marine North		✓	0.89	0.16	0.290	0.677	0.119			
Marine South	✓	✓	0.89	0.16	0.290	0.680	0.120			
3	✓	✓	0.89	0.16	0.290	0.678	0.119			
2 West	✓	✓	0.90	0.16	0.290	0.686	0.121			
2 East	✓	✓	0.90	0.16	0.290	0.686	0.121			
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			BTU/hr.ft.F	
			Head	49	1.93	1.32	0.23	0.016	0.009	0.084
			Sill	49	1.93	1.32	0.23	0.016	0.009	BTU/hr.ft.F
left jamb	49	1.93	1.34	0.24	0.017	0.010	0.049			
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