



















Calculation based on ISO 15099

Product name: Kohltech 2020 Supreme Wide Fixed				Center-of-glass properties			
ASHRAE/IECC /DOE North American Climate Zone	North, East, South-facing	West-facing					
				Guardian 3mm8071 surfaces 3 & 5, Arg95, 1-3/8"OA No Grids			
				Whole-window installed U-value		Ucog-Value	
Climate specific recommendations:				SHGC	BTU/hr.ft2.F		
				W/m2K	W/m2K	BTU/hr.ft2.F	
				BTU/hr.ft2.F			
8			0.98	0.17	0.612	0.135	
7			0.97	0.17	0.612	0.134	
6			0.97	0.17	0.612	0.134	
5			0.97	0.17	0.612	0.134	
4			0.97	0.17	0.612	0.134	
Marine North			0.97	0.17	0.612	0.135	
Marine South			0.98	0.17	0.612	0.136	
3			0.98	0.17	0.612	0.135	
2 West			0.99	0.17	0.612	0.137	
2 East			0.99	0.17	0.612	0.137	
Kohltech 2020 Supreme Wide EnerEdge		FRAME			Psi-spacer		Psi-opaque
		Frame height		U-frame		Ψ	
		mm	in	W/m2K	BTU/hr.ft2.F	W/mK	BTU/hr.ft.F
Head		64	2.51	1.28	0.23	0.016	0.009
Sill		64	2.51	1.28	0.23	0.016	0.009
left jamb		64	2.51	1.24	0.22	0.016	0.009
right jamb		64	2.51	1.24	0.22	0.016	0.009
						Grade A	


















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Product name: Kohltech 2020 Supreme Wide Fixed			Center-of-glass properties					
ASHRAE/IECC /DOE North American Climate Zone	North, East, West - facing South-facing		SDL/no Internal grids < 25.4mm					
Climate specific recommendations:		Whole-window installed U-value		Ucog-Value				
		W/m2K	BTU/hr.ft2.F	SHGC	W/m2K	BTU/hr.ft2.F		
8		"	"	"	0.769 0.135			
7		"	"	"	0.762 0.134			
6		"	"	"	0.760 0.134			
5		"	"	"	0.760 0.134			
4	 	"	"	"	0.762 0.134			
Marine North	 	"	"	"	0.765 0.135			
Marine South	 	"	"	"	0.770 0.136			
3	 	"	"	"	0.767 0.135			
2 West	 	"	"	"	0.779 0.137			
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Kohltech 2020 Supreme Wide EnerEdge	FRAME				Psi-spacer		Psi-opaque	
	Frame height		U-frame		Ψ		W/mK	
	mm	in	W/m2K	BTU/hr.ft2.F	W/mK	BTU/hr.ft.F		
	Head	64	2.51	1.28	0.23	0.016	0.009	0.100
	Sill	64	2.51	1.28	0.23	0.016	0.009	BTU/hr.ft.F
left jamb	64	2.51	1.24	0.22	0.016	0.009	0.058	
right jamb	64	2.51	1.24	0.22	0.016	0.009	Grade A	


















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