



















Calculation based on ISO 15099

Product name: Kohltech 2020 Supreme Casement				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					
Climate specific recommendations:			Whole-window installed U-value		Ucog-Value			
			W/m2K	BTU/hr.ft2.F	SHGC	W/m2K	BTU/hr.ft2.F	
8	0.94	0.17	0.612	0.769	0.135			
7	0.94	0.17	0.612	0.762	0.134			
6	0.94	0.16	0.612	0.760	0.134			
5	0.94	0.16	0.612	0.760	0.134			
4	0.94	0.17	0.612	0.762	0.134			
Marine North	0.94	0.17	0.612	0.765	0.135			
Marine South	0.94	0.17	0.612	0.770	0.136			
3	0.94	0.17	0.612	0.767	0.135			
2 West	0.95	0.17	0.612	0.779	0.137			
2 East	0.95	0.17	0.612	0.779	0.137			
Kohltech 2020 Supreme Casement 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	63	2.48	1.07	0.19	0.016	0.009	0.087
	Sill	63	2.48	1.07	0.19	0.016	0.009	BTU/hr.ft.F
left jamb	63	2.48	1.06	0.19	0.017	0.010	0.050	
right jamb	63	2.48	1.06	0.19	0.017	0.010	Grade A	


















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Calculation based on ISO 15099

Product name: Kohltech 2020 Supreme Casement				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	
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