


Calculation based on ISO 15099

Product name: Supreme Tilt & Turn		Center-of-glass properties						
ASHRAE/IECC /DOE North American Climate Zone	North, East, West - facing South-facing			Kohltech International, Ltd. ClrGuard-Arg95-8070#3-Arg95-8070#5 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		1.05	0.19	0.608	0.790	0.139		
7		1.05	0.18	0.608	0.783	0.138		
6		1.04	0.18	0.608	0.782	0.138		
5		1.05	0.18	0.608	0.783	0.138		
4		1.05	0.18	0.608	0.786	0.138		
Marine North		1.05	0.18	0.608	0.789	0.139		
Marine South		1.05	0.19	0.608	0.794	0.140		
3		1.05	0.19	0.608	0.791	0.139		
2 West		1.06	0.19	0.608	0.804	0.142		
2 East		1.06	0.19	0.608	0.804	0.142		
Supreme Tilt & Turn Super Spacer Prem. Plus Enh		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	82	3.21	1.36	0.24	0.020	0.012	0.139
	Sill	82	3.21	1.42	0.25	0.017	0.010	BTU/hr.ft.F
	left jamb	82	3.21	1.39	0.24	0.017	0.010	0.080
	right jamb	82	3.21	1.39	0.24	0.017	0.010	Grade B

Valid through April 2024