

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
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 2020