


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. 7036#2- Arg95-7036#4-Arg95-ClrGuard 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			0.98	0.17	0.301	0.693	0.122
7			0.97	0.17	0.301	0.682	0.120
6			0.96	0.17	0.301	0.676	0.119
5			0.96	0.17	0.301	0.676	0.119
4			0.96	0.17	0.301	0.676	0.119
Marine North			0.97	0.17	0.301	0.677	0.119
Marine South	✓	✓	0.97	0.17	0.301	0.680	0.120
3	✓	✓	0.97	0.17	0.301	0.678	0.119
2 West	✓	✓	0.97	0.17	0.301	0.686	0.121
2 East	✓	✓	0.97	0.17	0.301	0.686	0.121
Supreme Tilt & Turn		FRAME		Psi-spacer		Psi-opaque	
Super Spacer Prem. Plus Enh		Frame height		U-frame		Ψ	
		mm	in	W/m2K	BTU/hr.ft2.F	W/mK	BTU/hr.ft.F
	Head	82	3.21	1.36	0.24	0.021	0.012
	Sill	82	3.21	1.41	0.25	0.018	0.011
	left jamb	82	3.21	1.38	0.24	0.018	0.011
	right jamb	82	3.21	1.38	0.24	0.018	0.011
							W/mK
							BTU/hr.ft.F
							0.139
							0.081
							Grade B

Valid through April 2020