


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 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	0.021	0.012	0.139	
Sill	82	3.21	1.41	0.25	0.018	0.011	BTU/hr.ft.F	
left jamb	82	3.21	1.38	0.24	0.018	0.011	0.081	
right jamb	82	3.21	1.38	0.24	0.018	0.011	Grade B	

Valid through April 2024