


Calculation based on ISO 15099

Product name: Supreme Casement Wide Picture			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 Casement Wide Picture Super Spacer Prem. Plus Enhanced	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 2020