


Calculation based on ISO 15099

Product name: <b>Kohltech CPVC Inswing Direct Glazed Transom</b>			Center-of-glass properties					
ASHRAE/IECC /DOE North American Climate Zone	North, East, West - facing	South-facing			Guardian 1.0" OA-CG7036#2-Arg95-CG7036#4-Arg95-Clr 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			1.10	0.19	0.303	0.936	0.165	
7			1.10	0.19	0.303	0.943	0.166	
6			1.11	0.20	0.303	0.953	0.168	
5			1.11	0.20	0.303	0.956	0.168	
4			1.12	0.20	0.303	0.961	0.169	
Marine North			1.12	0.20	0.303	0.964	0.170	
Marine South	✓	✓	1.13	0.20	0.303	0.969	0.171	
3			1.12	0.20	0.303	0.966	0.170	
2 West			1.13	0.20	0.303	0.971	0.171	
2 East	✓	✓	1.13	0.20	0.303	0.971	0.171	
Kohltech CPVC Inswing Direct Premium Plus ZF-S	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	34	1.36	1.23	0.22	0.020	0.011	0.062
	Sill	34	1.36	1.23	0.22	0.020	0.011	BTU/hr.ft.F
left jamb	34	1.36	1.21	0.21	0.019	0.011	0.036	
right jamb	34	1.36	1.21	0.21	0.019	0.011	Grade A+	

Valid through June 2023