


Calculation based on ISO 15099

Product name: Kohltech CPVC Inswing Direct Glazed Transom			Center-of-glass properties					
ASHRAE/IECC /DOE North American Climate Zone	North, East, West - facing South-facing			Guardian 1.0" OA ClrGuard-Arg95-CG8070#3-Arg95-CG8070#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		1.15	0.20	0.581	0.995	0.175		
7		1.16	0.20	0.581	1.005	0.177		
6		1.17	0.21	0.581	1.017	0.179		
5		1.17	0.21	0.581	1.020	0.180		
4		1.18	0.21	0.581	1.026	0.181		
Marine North		1.18	0.21	0.581	1.030	0.181		
Marine South		1.18	0.21	0.581	1.037	0.183		
3		1.18	0.21	0.581	1.033	0.182		
2 West		1.19	0.21	0.581	1.040	0.183		
2 East		1.19	0.21	0.581	1.040	0.183		
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	1.24	0.22	0.019	0.011	0.062
	Sill	34	1.36	1.24	0.22	0.019	0.011	BTU/hr.ft.F
left jamb	34	1.36	1.21	0.21	0.018	0.010	0.036	
right jamb	34	1.36	1.21	0.21	0.018	0.010	Grade A+	

Valid through June 2023