


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 - South- facing		Guardian 1-3/8 OA-Clr-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		0.91	0.16	0.584	0.758	0.134		
7		0.90	0.16	0.584	0.750	0.132		
6		0.90	0.16	0.584	0.748	0.132		
5		0.90	0.16	0.584	0.748	0.132		
4		0.90	0.16	0.584	0.750	0.132		
Marine North	<input checked="" type="checkbox"/>	0.91	0.16	0.584	0.752	0.132		
Marine South		0.91	0.16	0.584	0.757	0.133		
3		0.91	0.16	0.584	0.754	0.133		
2 West		0.92	0.16	0.584	0.765	0.135		
2 East		0.92	0.16	0.584	0.765	0.135		
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	35	1.36	1.07	0.19	0.017	0.010	0.054
	Sill	34	1.36	1.08	0.19	0.017	0.010	BTU/hr.ft.F
left jamb	34	1.36	1.06	0.19	0.016	0.009	0.031	
right jamb	34	1.36	1.06	0.19	0.016	0.009	Grade A+	

Valid through June 2023