













Calculation based on ISO 15099

Product name: CPVC_Transom		Center-of-glass properties						
ASHRAE/IECC /DOE North American Climate Zone	North, East, South- facing	West - 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	
CPVC_Transom		FRAME			Psi-spacer		Psi-opaque	
Premium Plus ZF-S		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+












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ASHRAE/IECC /DOE North American Climate Zone	North, East, West - facing South- facing			SDL/no Internal grids < 25.4mm				
Climate specific recommendations:		Whole-window installed U-value		<u>Ucog-Value</u>				
		W/m2K	BTU/hr.ft2.F	SHGC	W/m2K	BTU/hr.ft2.F		
8		"	"	"	0.995	0.175		
7		"	"	"	1.005	0.177		
6		"	"	"	1.017	0.179		
5		"	"	"	1.020	0.180		
4		"	"	"	1.026	0.181		
Marine North		"	"	"	1.030	0.181		
Marine South		"	"	"	1.037	0.183		
3		"	"	"	1.033	0.182		
2 West		"	"	"	1.040	0.183		
2 East		"	"	"	1.040	0.183		
CPVC_Transom 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	BTU/hr.ft.F		
Head	34	1.36	1.24	0.22	0.019	0.011	0.062	
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CPVC_Transom Premium Plus ZF-S		FRAME				Psi-spacer		Psi-opaque
		Frame height		U-frame		Ψ		W/mK
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