













Calculation based on ISO 15099

Product name: CPVC Inswing Door		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		1.30	0.23	0.303	0.936	0.165		
7		1.30	0.23	0.303	0.943	0.166		
6		1.31	0.23	0.303	0.953	0.168		
5		1.31	0.23	0.303	0.956	0.168		
4		1.31	0.23	0.303	0.961	0.169		
Marine North		1.32	0.23	0.303	0.964	0.170		
Marine South		1.32	0.23	0.303	0.969	0.171		
3		1.32	0.23	0.303	0.966	0.170		
2 West		1.32	0.23	0.303	0.971	0.171		
2 East		1.32	0.23	0.303	0.971	0.171		
CPVC Inswing Door 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	111	4.35	1.59	0.28	0.020	0.012	0.239	
Sill	147	5.79	1.78	0.31	0.019	0.011	BTU/hr.ft.F	
left jamb	111	4.35	1.62	0.29	0.021	0.012	0.138	
right jamb	111	4.35	1.62	0.29	0.021	0.012	Grade D	


















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		Whole-window installed U-value		<u>Ucog-Value</u>				
		W/m2K	BTU/hr.ft2.F	SHGC	W/m2K	BTU/hr.ft2.F		
Climate specific recommendations:								
8		"	"	"	0.936	0.165		
7		"	"	"	0.943	0.166		
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