


Calculation based on ISO 10077-2, EN 673, EN 410

Product name: Alpen Zenith ZR-6 Fixed High Profile				Center-of-glass properties				
ASHRAE/IECC /DOE North American Climate Zone	North, East, South- facing	West - facing						
			Alpen High Performance Products Balanced-6 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	0.337	0.654	0.115		
7		0.89	0.16	0.337	0.631	0.111		
6		0.89	0.16	0.337	0.632	0.111		
5		0.89	0.16	0.337	0.634	0.112		
4		0.90	0.16	0.337	0.638	0.112		
Marine North		0.90	0.16	0.337	0.641	0.113		
Marine South	✓	0.90	0.16	0.337	0.646	0.114		
3	✓	0.90	0.16	0.337	0.643	0.113		
2 West		0.91	0.16	0.337	0.658	0.116		
2 East		0.91	0.16	0.337	0.658	0.116		
Alpen Zenith ZR-6 Fixed High Allmetal 250P SST		FRAME			Psi-spacer		Psi-opaque	
		Frame height		U-frame		Ψ		
		mm	in	W/m2K	BTU/hr.ft2.F	W/mK		
	Head	72	2.85	0.86	0.15	0.050	0.029	0.116
	Sill	72	2.85	0.86	0.15	0.051	0.029	BTU/hr.ft.F
	left jamb	72	2.85	0.86	0.15	0.051	0.029	0.067
	right jamb	72	2.85	0.86	0.15	0.051	0.029	Grade B

Valid through April 2022