


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

Product name: Kohltech Supreme Narrow Picture HiGain				Center-of-glass properties					
ASHRAE/IECC /DOE North American Climate Zone	North, East, South- facing	West - facing			Guardian EnerGlas Plus HG No Grids				
			Whole-window installed U-value			Ucog-Value			
Climate specific recommendations:			W/m2K	BTU/hr.ft2.F	SHGC	W/m2K	BTU/hr.ft2.F		
8			0.97	0.17	0.612	0.770	0.136		
7			0.98	0.17	0.612	0.778	0.137		
6			0.99	0.17	0.612	0.789	0.139		
5			0.99	0.17	0.612	0.792	0.139		
4			1.00	0.18	0.612	0.797	0.140		
Marine North			1.00	0.18	0.612	0.802	0.141		
Marine South			1.00	0.18	0.612	0.809	0.142		
3			1.00	0.18	0.612	0.804	0.142		
2 West			1.02	0.18	0.612	0.824	0.145		
2 East			1.02	0.18	0.612	0.824	0.145		
Kohltech Supreme Narrow Pi SS-Premium Plus		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	50	1.96	1.15	0.20	0.026	0.015	0.085
		Sill	50	1.96	1.15	0.20	0.026	0.015	BTU/hr.ft.F
left jamb	50	1.96	1.14	0.20	0.026	0.015	0.049		
right jamb	50	1.96	1.14	0.20	0.026	0.015	Grade A		

Valid through March 2021