

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

Product name: Alpen Tyrol TR-9 PH+ Tilt Turn			Center-of-glass properties		
ASHRAE/IECC /DOE North American Climate Zone	North, East, West - facing	South- facing	Alpen Balanced-9 PH+ No Grids		
Whole-window installed U-value					Ucog-Value
W/m2K BTU/hr.ft2.F					SHGC BTU/hr.ft2.F
Climate specific recommendations:			W/m2K	BTU/hr.ft2.F	W/m2K
8			0.75	0.13	0.333 0.417 0.074
7			0.74	0.13	0.333 0.397 0.070
6	<input checked="" type="checkbox"/>		0.72	0.13	0.333 0.376 0.066
5	<input checked="" type="checkbox"/>		0.72	0.13	0.333 0.373 0.066
4	<input checked="" type="checkbox"/>		0.72	0.13	0.333 0.376 0.066
Marine North	<input checked="" type="checkbox"/>		0.72	0.13	0.333 0.378 0.067
Marine South	<input checked="" type="checkbox"/>		0.72	0.13	0.333 0.381 0.067
3	<input checked="" type="checkbox"/>		0.72	0.13	0.333 0.379 0.067
2 West			0.73	0.13	0.333 0.388 0.068
2 East			0.73	0.13	0.333 0.388 0.068
Alpen Tyrol TR-9 PH+ Tilt Turn		FRAME		Psi-spacer	Psi-opaque
SS-D	Frame height		U-frame		Ψ
	mm	in	W/m2K	BTU/hr.ft2.F	W/mK
Head	117	4.61	0.86	0.15	0.047
Sill	117	4.61	0.86	0.15	0.047
left jamb	117	4.61	0.85	0.15	0.047
right jamb	117	4.61	0.85	0.15	0.047
					0.027
					0.157
					BTU/hr.ft.F
					0.091
					Grade C

Valid through April 2022

