

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

Product name: Alpen Tyrol TR6 Tilt Turn

Center-of-glass properties

ASHRAE/IECC
/DOE North
American
Climate Zone

North,
East,
South-
West -
facing
facing



Balanced-6 TGT No Grids

Climate specific recommendations:

Whole-window installed U-value

U_{cog}-Value

		W/m ² K	BTU/hr.ft ² .F	SHGC	W/m ² K	BTU/hr.ft ² .F
8		0.92	0.16	0.386	0.677	0.119
7		0.91	0.16	0.386	0.663	0.117
6		0.91	0.16	0.386	0.658	0.116
5		0.91	0.16	0.386	0.660	0.116
4		0.91	0.16	0.386	0.665	0.117
Marine North	<input checked="" type="checkbox"/>	0.92	0.16	0.386	0.668	0.118
Marine South	<input checked="" type="checkbox"/>	0.92	0.16	0.386	0.673	0.119
3	<input checked="" type="checkbox"/>	0.92	0.16	0.386	0.670	0.118
2 West		0.93	0.16	0.386	0.685	0.121
2 East		0.93	0.16	0.386	0.685	0.121

Alpen Tyrol TR6 Tilt Turn

Super Spacer S2 Premium

FRAME

Psi-spacer

Psi-opaque

Frame height

U-frame

mm

in

W/m²K

BTU/hr.ft².F

W/mK

W/mK

Head

117

4.61

0.97

0.17

0.032

0.156

Sill

117

4.61

0.97

0.17

0.032

BTU/hr.ft.F

left jamb

117

4.61

0.95

0.17

0.032

0.090

right jamb

117

4.61

0.95

0.17

0.032

Grade C

Valid through May 2025