



Tyrol Min/Max Dimensions

Single & Combination-Mulled Windows

Sizes shown are the *maximum* possible for each side of the window. The longer side can go either up-and-down or side-to-side.

© indicates sizes covered by published tested/certified air, water, and structural data.

Window Type	All Series Minimum	Thinglass Triple (TGT) Maximum	Thinglass Quad (TGQ) Maximum
Fixed Window	<i>Flawless corner:</i> 20-1/4" x 20-1/4" <i>Basic Weld:</i> 14" x 17" ☼	72" x 96" © 76" x 102" ■ 63" x 117-3/4" Glass Limit: 50 ft²	54" x 104" 72" x 78" ■ Glass Limit: 36 ft²
Tilt-Turn Window	23" x 24-1/2"	36" x 96" 42" x 84" 44" x 78" 48" x 72" ⚠ 52" x 58" ⚠	36" x 96" 42" x 84" 44" x 78" 48" x 72" ⚠ 52" x 58" ⚠
Turn-Only Window	23" x 24-1/2"	48" x 60" 38" x 96" ⇌	48" x 60" 38" x 96" ⇌
Design note: Tilt-turn and Turn-Only windows must be taller than they are wide. Recommended aspect ratio is 2:3 (width:height).			
Hopper Window Concealed Hinge	23" x 23"	59" x 51"	59" x 51"

General Notes:

Maximum sizes for operable windows assume standard/typical 1/8" and 3/16" thick panes; use of thicker glass such as in high-STC packages results in smaller maximum sizes.

☼ Small units and altitude. Units with one dimension under 16" include breather tubes with balloons when shipping across elevation changes.

⚠ Sash sag risk! Use of arrestable brake stay recommended.

🔪 For windows wider than 84", the glass goes through the tempering oven in a way that creates a vertical pattern (called roller wave) that may be visible in certain light.

⇌ Turn-Only windows over 60" tall are built as Tilt-Turn windows with the "Tilt" function blocked.

■ Aspect Ratio close to 1:1 may experience visual distortion due to deflection.

⊘ Size shown is outside the validated test range; no certification report exists for this configuration.

Glass Limitations – All Types / Series:

- Aspect ratio of any single glass unit cannot exceed 1 : 6 (width : height)
- One dimension must always be 74" or less in any single glass unit, except in heights over 102"



Tyrol Min/Max Dimensions Common-Mulled Windows

Common Mull ("T-Mull") height limit.

In common-frame assemblies with a vertical T-Mull, maximum height is **78"** (DP-20). Higher design pressures reduce allowable height; see structural mullion tables.

Window Type	All Series Minimum	Thinglass Triple (TGT) Maximum	Thinglass Quad (TGQ) Maximum
Fixed Window			
T-Mull on 1 Side:	12" x 12" ☼	101" x 76"	72" x 78"
Fixed Above T-Mull:	12" x 12" ☼	52" x 78" Weight Limit: 130 lbs (24 ft2)	52" x 78" Weight Limit: 130 lbs (24 ft2)
Tilt-Turn Window			
T-Mull on 1 Side:	22-1/4" x 24-1/2"	44" x 78" 52" x 58" ⚠	44" x 78" 52" x 58" ⚠
T-Mull on Both Sides:	21-1/2" x 24-1/2"	42" x 78" 51-5/8" x 58" ⚠	42" x 78" 51-5/8" x 58" ⚠
Tilt-Turn Above T-Mull:	23" x 23-5/8"	41-3/4" x 78" 50-1/4" x 58" ⚠	41-3/4" x 78" 50-1/4" x 58" ⚠
Inswing Casement (Turn-Only)			
T-Mull on 1 Side:	22-1/4" x 24-1/2"	44" x 78" ⇄	44" x 78" ⇄
T-Mull on Both Sides:	21-1/2" x 24-1/2"	42" x 78" ⇄	42" x 78" ⇄
Turn-Only Above T-Mull:	23" x 23-5/8"	41-3/4" x 78" ⇄	41-3/4" x 78" ⇄
<i>Design note: Tilt-turn and Inswing Casement windows must be taller than they are wide. Recommended aspect ratio is 2:3 (width:height).</i>			
Hopper Window - Concealed Hinge			
T-Mull on 1 Side:	22-1/8" x 23"	58-1/8" x 51"	58-1/8" x 51"
T-Mull on Both Sides:	21-1/2" x 23"	57-1/4" x 51"	57-1/4" x 51"
Hopper Above T-Mull:	23" x 22-1/8"	59" x 47"	59" x 47"

General Notes:

Maximum sizes for operable windows assume standard/typical 1/8" and 3/16" thick panes; use of thicker glass such as in high-STC packages results in smaller maximum sizes.

☼ Small units and altitude. Units with one dimension under 16" include breather tubes with balloons when shipping across elevation changes.

⚠ Sash sag risk! Use of arrestable brake stay recommended.

⇄ Turn-Only windows over 60" tall are built as Tilt-Turn windows with the "Tilt" function blocked