

Blinds Between the Glass — Insulated Glass Units with Integral Blinds

Aluminum slat blinds sealed inside the cavity of a double-glazed unit. Raise, lower and tilt from a magnetic operator on the room-side glass. No cords, nothing to dust, nothing for a child or a pet to reach. Supplied and installed by Alex GC in new windows and patio doors, or as a replacement IG unit in an existing frame that accepts the thickness.

Four programs, by opening

	7/8" RLT-Top (windows)	7/8" (doors & windows)	1" (doors & windows)	1" XL (large doors)
Width	15" – 54"	8" – 48"	8" – 80"	9" – 63"
Height	12" – 41"	18" – 80"	14" – 80"	46" – 90"
Max size	9 sq ft	18 sq ft tempered 15 sq ft annealed	17 sq ft tempered 15 sq ft annealed	28 sq ft tempered only
Unit thickness	7/8" (1" with 6 mm outer lite)	7/8" (1" with 6 mm outer lite)	1" (1-1/8" with 6 mm outer lite)	1"
One dimension may exceed	36"	36"	36"	48"
Operator	Single, top centre	Single ≤48" tall Dual ≥48" tall	Single ≤12 sq ft Dual ≥48" tall	Dual only
Operator hand	—	Left or right	Left or right	Left or right
Typical use	Single & double-hung	Casement, fixed, awning, sliders, patio doors	Casement, fixed, awning, sliders, patio doors	Tall patio doors

Glass and coatings (all programs)

Low-E, single	Cardinal 270, 272, 340 or 366 on surface 2
Low-E, dual	Add i89 hard coat on surface 4 for a lower U-factor
Tint	Solar Gray or Solar Bronze outer lite (not on 1" XL)
Glass type	Annealed or tempered to program limits; tempered is safety glass to ANSI Z97.1
Spacer / seal	Tin-plated steel warm-edge spacer, dual seal, desiccant matrix, IGCC-certified to ASTM E2190
Cavity fill	Air. The unit breathes through a capillary tube for altitude — it cannot be argon-filled, so U-factors run a little higher than a sealed argon unit of the same glass
Slats	10 mm aluminum (12.5 mm on 1" program), UV-stabilised coating
Colours	White, Tan, Espresso, Silver Moon, Slate
Safety	Cordless: ANSI/WCMA A100.1; certified Best for Kids
Warranty	10-year manufacturer warranty on the IG unit
Sizing	Any size to 1/16" within the program; minimum order one unit
Lead time	Annealed ~8 working days, tempered ~12 (XL ~19), plus transit

What to tell us for a quote

The opening (window or door, and the frame it goes in), the glass size or the frame's IG thickness if it is a replacement unit, which way the door slides or the window opens, the blind colour, and whether the room faces the sun. We will confirm the program, the Low-E, and whether the frame can take the thicker unit before anything is ordered.

Alex Glass Construction · 7 Beach Street, Staten Island, NY 10304 · 929-235-1233 · alexglasscorp.com | Units manufactured by ODL and supplied through Alex GC. Specifications from the manufacturer's 2025 program; confirm current limits at time of order. Best for Kids and IGCC are the manufacturer's certifications. Sheet revised September 2026.