

Technical Specifications: *Supreme Tilt & Turn* *window*



Superior insulation, dual weather seals and a multi-chambered design reduce heat loss and noise infiltration so that your family can enjoy warmer, more comfortable living. The fusion welded frame and corners ensure strength, stability and long-lasting durability, while the multi-point locking system around the entire frame offers total security whether closed or tilted open.

FRAME – Fusion welded corners	
White extruded polyvinyl chloride (uPVC) profiles. Optional permafinish colors available	
Operator/Fixed Frame depth: 3.25" (83mm)	
SASH	
The sash measures 2.375" from inside to outside	
GLAZING	
Glazing method	Insulated glass, hermetically sealed
Glazing seal	Compression seal, silicon heel bead
Spacer type	Warm edge intercept, Ultra or SuperSpacer
Options	High Solar Gain LoE, Low Solar Gain LoE, Argon gas fill, Obscure glass, Tinted glass, Energias (LoE/Argon and Ultra spacer), Energias Plus (triple paned, 2 panes with LoE glass, argon gas filling and Superspacer)
OPTIONS	
Insect Screens	Aluminum framed full screen standard available in white, tan or permafinish paint to match frame and sash. Grey fiberglass standard screen with pull tabs integrated screen
SDL – Simulated Divided Lites	Int. bar: Extruded vinyl or wood, 7/8" and 1 1/8" wide bars. Ext. bar: Extruded vinyl, 7/8" or 1 1/8" wide bars. White, tan or painted Pattern: Rectangular, Craftsman, Prairie , custom lite layouts available
Grills	3/4" Contoured Georgian. White, tan, brushed aluminum, painted, split finish int/ext 1" Contoured Georgian. White, painted, split finish int/ext 5/8" Flat Colonial. White, tan, brass, brushed aluminum, painted, split finish int/ext Slimline 5/16" Flat Colonial. White, tan, pewter, black, gold, mill finish or painted
Accessories	Optional: Add on 1/2" to 3/4" interior return Optional: 7/8", 1 1/2", 2" or 3 1/2" brick molding all four sides or with subsill. All available with J-trim and nailing fin. 2" and 3 1/2" available with decorative molding
HARDWARE	
Roto NT Euro-groove	Fully adjustable hinges
Multiple locking points	All hardware is stainless steel
Operating panels are fitted with a handle mounted on the sash at a location relative to the panel height	Operating handle powder coated white or titanium

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PERFORMANCE TESTS In accordance with AAMA/WDMA/CSA 101/1.5.2/A444-08								
Window (Supreme)	Test Size (in)	Test Size (mm)	NAFS Rating	Canadian Air Infiltration	Water Penetration Resistance Pa (Psf)	Wind Load Resistance Pa (Psf)	DP Rating	
							Water	Wind
T & T	48 x 71	1219 x 1803	CW-PG100-DAW	A3	580 (12)	4800 (100)	DP80	DP100
T & T Picture	60 x 99	1520 x 2515	AW-PG70-FW	FX	580 (12)	3360 (70)	DP80	DP70
	72 x 72	1829 x 1829	CW-PG75-FW	FX	720 (15)	3600 (75)	DP95	DP75

THERMAL PERFORMANCE RATINGS In accordance to CSA A440.2-04											
Glass Options	Energy Rating	R-Value (Whole Window)	R-Value (Center of Glass)	U-Value (metric)	U-Value (imperial)	Solar Heat Gain Coefficient	Visible Transmittance	Condensation Resistance	Canadian Energy Star Zones	US Energy Star Zones	
											Double Glazed
	LoE/Argon – HSG	33	3.70	3.73	1.5	0.27	0.47	0.54	62	1 2	N
	LoE/Argon – HSG w Grills	31	3.70	3.73	1.5	0.27	0.42	0.48	62	1 2	N
	Energlass – HSG w Grills	31	3.70	3.73	1.5	0.27	0.42	0.48	62	1 2	N
	Energlass – LSG	41	5.56	4.15	1.0	0.18	0.41	0.49	73	1 2 3	N,NC,SC,S
	LoE/Argon – LSG	31	5.88	4.15	1.0	0.17	0.21	0.37	74	1 2 3	N,NC,SC,S
	Energlass – LSG w Grills	38	5.56	4.15	1.0	0.18	0.36	0.43	73	1 2 3	N,NC,SC,S
	LoE/Argon – LSG w Grills	30	5.88	4.15	1.0	0.17	0.19	0.33	74	1 2 3	N,NC,SC,S
Triple Glazed	Energlass Plus Argon – HSG	26	4.55	7.19	1.2	0.22	0.24	0.43	73	1 2	
	Energlass Plus Argon – LSG	24	4.17	8.40	1.4	0.24	0.24	0.43	70	1 2	
	Triple LoE/Argon x 1 LSG	22	3.85	5.38	1.5	0.26	0.26	0.47	64	1	N,NC,SC,S

*Energlass uses a high performance warm edge spacer, one panel of LoE coated glass and one cavity filled with high density gas.

**Energlass Plus is an ultra high performance, energy efficient, triple glazed system using warm edge SuperSpacer, two panels of LoE coated glass, and two cavities filled with high density gas.

