

Technical Specifications: *Select Patio Door*



Practicality, performance, quality and affordability all come standard with the Select Patio Door. Our engineers designed this innovative and economical door with popular standard features including a pocket sill, positive interlock for less air infiltration and sliding screen door with wheels. When you need durability and practical value, the Select Patio Door can make your possibility your reality.

FRAME – Fusion welded corners

White extruded polyvinyl chloride (uPVC) profiles. Optional tan extrusion or permafinish paint colors available

Operator/Fixed Frame depth: 5 7/8" (149mm), available with recessed nail fin to give 4 5/8" frame depth

SASH – Fusion welded corners

White extruded polyvinyl chloride (uPVC) profiles. Optional tan extruded or permafinish paint colors available

GLAZING

Glazing method Insulated glass, hermetically sealed

Glazing seal Compression glazed

Spacer type Warm edge intercept, Ultra or SuperSpacer

Options High Solar Gain LoE, Argon gas fill, Obscure glass, Tinted glass, Energlas (LoE/Argon and Ultra spacer)
Energlas Plus (triple paned, 2 panes with LoE glass, argon gas filling and Superspacer)

OPTIONS

Insect Screens Rolling aluminum framed full screen standard, white, tan or permafinish paint to match frame and sash. Fiberglass screen mesh.

Int./Ext. SDL 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 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" return on the interior
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

Sill Optional aluminum sill extension

Mini Blinds Optional internal mini blinds available on the 6' patio door with Low E or clear glass

HARDWARE

Optional: Dual point lock, foot lock, security bar and keyed lockset

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PERFORMANCE TESTS In accordance with AAMA/WDMA/CSA 101/1.5.2/A444-08								
Door (Patio)	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
Select	71 x 80	1815 x 2025	R-PG50-SD	A3	400 (8.25)	2400 (50)	DP55	DP50
Select	84 x 95	2135 x 2433	R-PG35-SD	A3	290	1630 (35)	DP40	DP35
Transom-Transom/Patio Door-Sidelite	110 x 101	2788 x 2554	R-PG35-MA	A2	260 (5.25)	1680 (35)	DP35	DP35

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
Double Glazed	Energlass – HSG	32	3.23	3.55	1.8	0.31	0.54	0.62	58	1 2
	LoE/Argon – HSG	30	3.13	3.55	1.8	0.32	0.54	0.62	56	1 2
	Energlass – HSG w Grills	28	3.23	3.55	1.8	0.31	0.48	0.54	58	1
	LoE/Argon – HSG w Grills	27	3.13	3.55	1.8	0.32	0.48	0.54	56	1
	Clear	17	2.17	2.06	2.6	0.46	0.60	0.63	43	No/non
	Clear w Grills	12	2.17	2.06	2.6	0.46	0.53	0.55	43	No/non
Triple Glazed	Energlass Plus Krypton – HSG	41	5.00	7.69	1.1	0.20	0.47	0.56	65	1 2 3
	Energlass Plus Argon – HSG	37	4.35	5.52	1.3	0.23	0.47	0.56	64	1 2 3
	Triple LoE/Argon x 1 LSG	22	3.70	4.44	1.5	0.27	0.28	0.50	62	1

*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.

