

Novatech®

Urbania & Loft
Aluminum Patio Doors





Urbania sliding patio door, 95½" x 95½" black with black Studio handle

Urbania & Loft Aluminum Patio Doors

Courage changes everything. That's why our engineers set out to reinvent the aluminum patio door. Offering high performance and a panoramic view in a wide two panel configuration, Urbania and Loft will blend your living space with the outdoors turning your home into a place for memorable gatherings with family and friends.

Panoramic View

Enjoy your living space to the fullest with a door that makes the outdoors an essential extension of your home. With wide glass panels and thin frames, Urbania & Loft provide a stunning panoramic view.

Effortless Operation

Tandem wheels and the available lift & slide mechanism make sliding oversized panels frictionless. Each detail is designed to make opening and closing simple, light, and enjoyable.

Exceptional Comfort and Energy Efficiency

Composite thermal barriers and an innovative sealing system combined to offer the highest performance ratings on the market. Urbania and Loft are certified for all ENERGY STAR zones without restrictions.

Aluminum Durability

Resistance to heat, cold, and to corrosion, as well as its superior durability make aluminum the best choice for a long lasting, maintenance-free product, specially for dark painted doors.

Enhanced Security

Urbania & Loft are engineered with the utmost structural integrity to withstand wind loads, shocks, and the toughest climates. Built with standard multi-point locking mechanisms, these doors will give you the peace of mind you deserve.

-
- | | |
|---|---|
| 1. Contemporary style handle | 4. Thermally broken aluminum frame and sash |
| 2. 3" sash width for a maximised window surface | 5. Clean and simple design and finish |
| 3. Black <i>warm edge</i> spacer | 6. Anodized aluminum sill |





Loft lift-&-slide patio door, 119"×95½", black with brushed chrome Kora handle

Loft: Think Bigger!

Get inspired and dare to choose a patio door as big as your expectations for new construction and renovation projects alike. Easy to operate, Loft's oversized panel creates a wide, open passage to the outdoors, bridging your living spaces seamlessly. Give yourself a view that will let your home breathe.



Large Two Panel Doors

Loft's lift and slide mechanism makes it possible to build sizable patio doors with only two panels for an impressive and uncluttered panoramic view.





Asymmetrical Configuration

The combination of an impressively wide fixed sash with the ease of operation of a smaller and lighter sliding door. This configuration is a perfect complement to today's trends in home fenestration.

More Options, More Flexibility

With the addition of the asymmetrical configuration, sidelites and transoms, the Urbania and Loft product line is a flexible fenestration system that will give you the freedom to accomplish your most ambitious projects.



Urbania sliding patio door, 107 ¼" x 95 ½" with asymmetrical opening panel, sidelite and transom

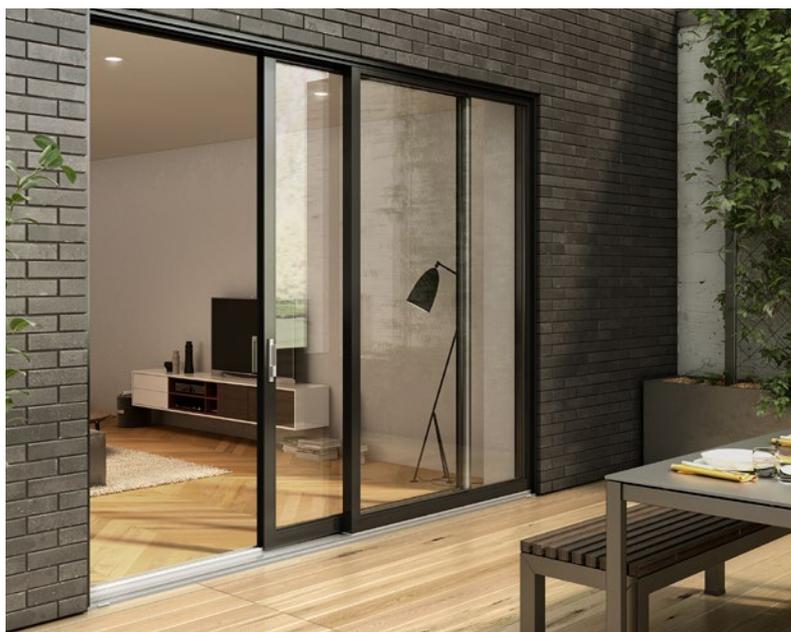


Urbania sliding patio door, 107¼" × 95½" with asymmetrical opening panel

Urbania

Sliding Patio Door

- Two-lite configurations up to 10 feet in width
- Double-point locking mechanism for optimal security
- Superior performance
- Clean and simple design and finish
- Asymmetrical configuration available
- Low emissivity insulated glass unit with argon gas (*Low E*)
- Black *warm edge* spacer
- Anodized aluminum sill cover
- Corrosion resistant tandem wheels



Loft lift & slide patio door, 119" × 95½"

Loft

Lift & Slide Patio Door

- + Lift and slide mechanism for an oversized sliding panel
- + Engineered for very large formats in two-lite configurations up to 12 feet in width
- + Triple-point locking mechanism for maximum security
- Superior performance
- Clean and simple design and finish
- Asymmetrical configuration available
- Low emissivity insulated glass unit with argon gas (*Low E*)
- Black *warm edge* spacer
- Anodized aluminum sill cover
- Corrosion resistant tandem wheels

Configurations

OPERATING PANEL
 FIXED PANEL (OUTSIDE VIEW)

Urbania



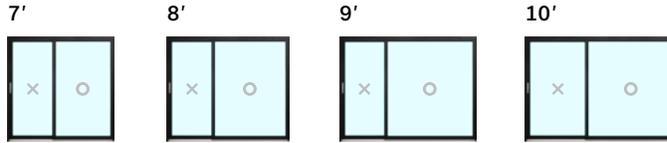
79½" Height (2019mm)	59½" (1511mm)	71½" (1816mm)	95½" (2426mm)	107" (2718mm)
81" Height (2057mm)	58½" (1486mm)	70½" (1791mm)	94½" (2400mm)	107" (2718mm)
95½" Height (2426mm)	59½" (1511mm)	71½" (1816mm)	95½" (2426mm)	107" (2718mm)



Asymmetrical Operating Panel

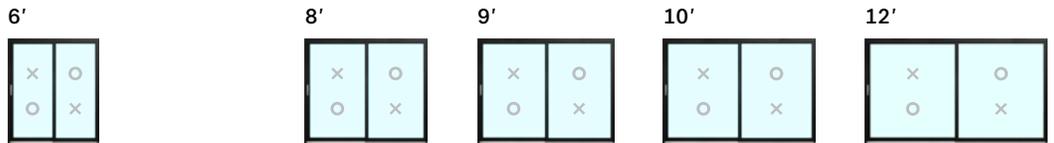


Available left or right hand



79½" Height (2019mm)		83½" (2121mm)	95¼" (2419mm)	107¼" (2724mm)	119¼" (3029mm)
81" Height (2057mm)		82½" (2096mm)	94¾" (2407mm)	106¾" (2711mm)	118¾" (3016mm)
95½" Height (2426mm)		83½" (2121mm)	95¼" (2419mm)	107¼" (2724mm)	119¼" (3029mm)
		30" clearance	30" clearance	30" clearance	42" clearance

Loft



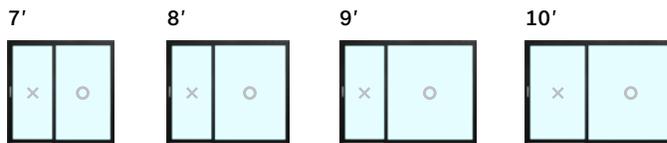
79½" Height (2019mm)	71½" (1816mm)	95½" (2426mm)	107" (2718mm)	119" (3022mm)	143" (3632mm)
81" Height (2057mm)	70½" (1791mm)	94½" (2400mm)	107" (2718mm)	119" (3022mm)	143" (3632mm)
95½" Height (2426mm)	71½" (1816mm)	95½" (2426mm)	107" (2718mm)	119" (3022mm)	143" (3632mm)



Asymmetrical Operating Panel



Available left or right hand



79½" Height (2019mm)		83½" (2121mm)	95¼" (2419mm)	107¼" (2724mm)	119¼" (3029mm)
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95½" Height (2426mm)		83½" (2121mm)	95¼" (2419mm)	107¼" (2724mm)	119¼" (3029mm)
		30" clearance	30" clearance	30" clearance	42" clearance

Options

Available Colors

Two scratch resistant standard colors. Custom colors available on demand.



White K-1285



Black K-90421



Clear Anodized (Option)

Hardware

Urbania — Studio handle



INT EXT

Double-point mortise (Standard)
Keyed Lock option available



White



Black



Brushed Nickel*
(option)

Loft — Kora lift-&-slide handle



INT EXT

Triple-point mortise (Standard)



White



Black



Satin
Chrome

* Corrosion protection not available for the Brushed Nickel finish.

Other Options

Configuration Options

- Custom sizes
- Sidelites and transoms
- Custom colors
- 1 ¼" Triple-pane insulated glass with Low E glass*
- 1 ¼" Triple-pane insulated glass with dual Low E glass*

Accessory Options

- Grids*
- Keyed lock (Urbania)
- Stainless Steel corrosion resistant double-point locking mechanism (Urbania)
- Ultra-resistant screen with 3" aluminum frame

Installation Options

- Frame width: 6", 7 ¼", 8", or 9 ¼"
- Nailing fin (width behind nailing fin: 4 ⅞", or 6 ⅞")
- Aluminum brick moulding
- Interior drywall moulding
- Sill extension

* Options only available for some door configurations.

Specifications

Performance
Reference:
95 1/2" x 95 1/2" door

Insulated Glass	1" double-pane with one Low E 80/70 glass	1 1/4" triple-pane with one Low E 80/70 glass* (Option)	1 1/4" triple-pane with dual Low E 80/70 glass* (Option)
U Value **	1.87	1.53	1.31
W/m ² K			
Btu/(hr °F ft ²)	0.33	0.27	0.23
Energy Rating ***	31	35	38
ENERGY STAR	Zones 1, 2	Zones 1, 2, 3	Zones 1, 2, 3

Air: A3

Water: DP 50 (360 Pa)

Structural: LC 40 without reinforcement,
CW 60 with reinforcement (Option)

Condensation Resistance Index: I = 53

Thermal Cycling tested ranging from -30 to 72 °C

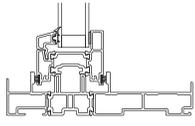
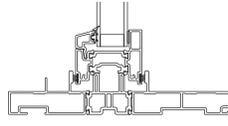
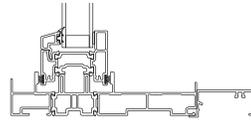
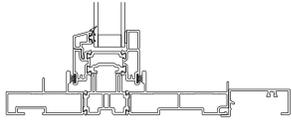
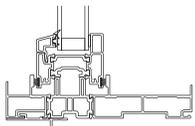
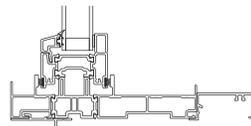
Noise Reduction:

4mm + 4mm Insulated Glass: STC 31, OITC 24

4mm + 6mm Insulated Glass (Option): STC 35, OITC 28

Frame
Configurations

Multiple configurations to simplify installation for various wall depths.

		With 2" Interior Aluminum Frame Extension			
		6" Frame	7 1/4" Frame	8" Frame	9 1/4" Frame
					
		153.91mm (6")	184.15mm (7 1/4")	204.71mm (8")	234.95mm (9 1/4")
With Nailing Fin	6" Frame with Nailing Fin				
					
		115.90mm (4 5/8")			
		153.91mm (6")			
	8" Frame with Nailing Fin				
					
		166.7mm (6 5/8")			
		204.71mm (8")			

* Options only available for some door configurations.

** The U Value is the insulated glass' capacity to resist the transfer of heat. The lower this value, the better the window insulates.

*** The Energy Rating balances a product's U Value with its solar heat gain and airtightness. A higher value indicates a more energy efficient product.

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