

Novatech®

500 Series Patio Doors



The 500 Series

The Reference in
PVC Patio Doors



The 540 and 550 doors offer **exceptional energy efficiency** that meets the **Energy Star** standard while the Element door features **superior durability** and an **outstanding finish** thanks to its aluminum cladding. Their wide choice of sizes and configurations are suitable for any type of building.



The **540** door meets the requirements of the **Energy Star** program



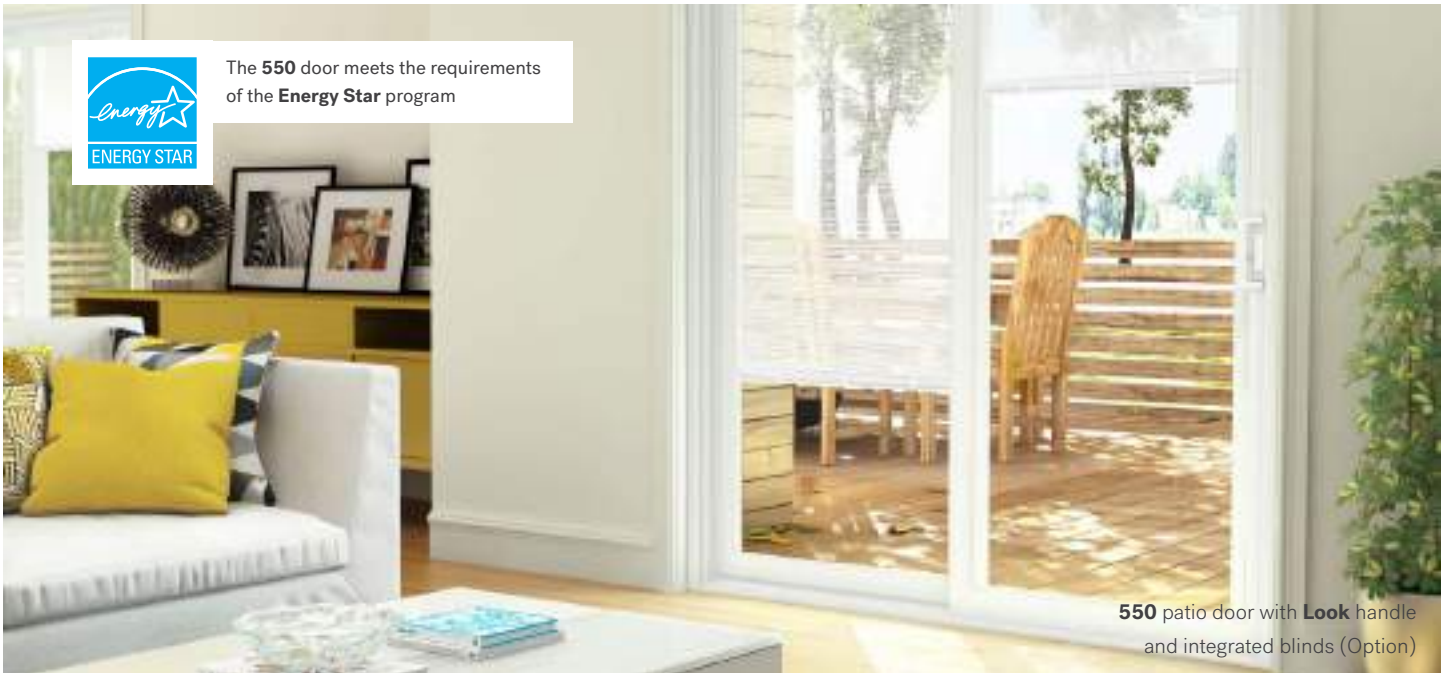
540 Patio Door

The **540** door:
Simple and bright

With a **quality finish**, the 540 patio door adapts to any type of project. Thanks to its **large glazed surface**, you can make the most of the view while filling your house with natural light.



The **550** door meets the requirements of the **Energy Star** program



550 patio door with **Look** handle and integrated blinds (Option)

The **550** door:
Quality assured

With its **clean profile** and **elegant handle**, the 550 door offers a **modern look** that blends in with your decor. Its **many options**, including integrated blinds, will allow you to customize your door to perfectly match your environment. This high-quality door is a sure value.



The **Element** door meets the requirements of the **Energy Star** program with the Triple-pane glass option

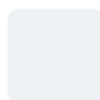


Element patio door with integrated blinds and **View** handle in oil rubbed bronze (paint) finish

Add color with the **ELEMENT** door

The advantages of a patio door with **aluminum cladding** are undeniable: **enhanced look, strength and durability**. With its **5 trendy colors**, Element allows you to personalize your door. Let your creativity run free to create the incredible decor you dream of.

Five colors of exterior aluminium cladding **at no additional cost!**
Standard white PVC interior.



White
(Blue tint)



Clear
anodized



Charcoal



Commercial
Brown



Black

540

Wood Frame / PVC

550

Wood Frame / PVC

ÉLÉMENTHybrid
Wood Frame / PVC
/ Aluminum**Features**


	540	550	ELEMENT
Frame			
Aluminum clad frame			✓
Frame depth	5 3/4", 7 1/4", 9 3/4"	5 3/4" to 11 3/4"	5 1/2" to 11 3/4"
Quick draining sill sloped at 9°	✓	✓	✓
A Pocket Covers	PVC inside — Option	PVC inside and outside — Option	Aluminium outside — Included PVC inside — Option
B Aluminum sill cover	Option	Option	✓
Give your 550 door a superior look and finish with these two options.			
Sash			
Aluminum clad sash			✓
45° fusion welded corners and interior glazing stops		✓	✓
Steel reinforcements in the vertical stiles	✓	✓	✓
Exterior Colors			
White	✓	✓	
Black (Painted)	Option	Option	
Five standard colors of aluminum cladding			✓
Custom colors		Option	Option
Insulated Glass			
Tempered Low E glass with low-conductive spacer	✓	✓	✓
Hardware			
Look contemporary style handle		✓	✓
View contemporary style handle		Option	Option
9600 Handle	✓		

Options

Configurations ☒ OPERATING PANEL ☐ FIXED PANEL (OUTSIDE VIEW)


	5'	6'	7' & 8'	9' & 12'	9' & 12'	10' & 12'
540	59 1/2" x 79 1/2" 58 1/2" x 81"	71 1/2" x 79 1/2" 70 1/2" x 81"	94 1/2" x 81"			
550	59 1/2" x 79 1/2" 58 1/2" x 81" 59 1/2" x 95 1/2"	71 1/2" x 79 1/2" 70 1/2" x 81" 71 1/2" x 95 1/2"	82 1/2" x 81" 83 1/2" x 95 1/2" 95 1/2" x 79 1/2" 94 1/2" x 81" 95 1/2" x 95 1/2"	105" x 79 1/2" 103 7/16" x 81" 139 3/8" x 81"	107 3/16" x 79 1/2" (OXO) 107 3/8" x 79 1/2" (XOO or OOX) 105 5/8" x 81" (OXO) 105 13/16" x 81" (XOO or OOX) 141 5/8" x 81" (OXO) 141 7/8" x 81" (XOO or OOX)	116 7/16" x 79 1/2" 114 1/2" x 81" 140 1/2" x 79 1/2" 138 7/16" x 81"
ELEMENT	59 1/2" x 79 1/2" 58 1/2" x 81" 59 1/2" x 95 1/2"	71 1/2" x 79 1/2" 70 1/2" x 81" 71 1/2" x 95 1/2"	82 1/2" x 81" 83 1/2" x 95 1/2" 95 1/2" x 79 1/2" 94 1/2" x 81" 95 1/2" x 95 1/2"	105" x 79 1/2" 103 7/16" x 81" 105" x 95 1/2" 139 3/8" x 81"	107 3/16" x 79 1/2" (OXO) 107 3/8" x 79 1/2" (XOO or OOX) 105 5/8" x 81" (OXO) 105 13/16" x 81" (XOO or OOX) 107 3/16" x 95 1/2" (OXO) 141 5/8" x 81" (OXO) 141 7/8" x 81" (XOO or OOX)	116 7/16" x 79 1/2" 114 1/2" x 81" 116 7/16" x 95 1/2" 140 1/2" x 79 1/2" 138 7/16" x 81" 140 1/2" x 95 1/2"

Hardware Key lock and keyed alike options available
Zinc or stainless steel double-point mortise option available. (550, Element)




9600 Handle
540 Door
(Standard)

White (Blue tint)
 White (Cream)
 Black (Option)



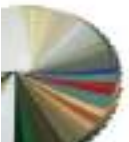
Look Handle
550 & Element Doors
(Standard)

White



View Handle
550 & Element Doors
(Option)

White
 Oil Rubbed Bronze (Paint)
 Satin Nickel



More than 100 colours available.
Custom colours on demand. (550, Element)

Decorative Options

(Only available with 550 and Element doors.)



Dividers
Rectangular 2", 1 x 3 or 1 x 4



Grids
Rectangular or georgian
3/8", 3 x 6



Hanging Grids
Rectangular or georgian
5/8" ou 1", 3 x 1

Integrated blinds

(Only available with 550 and Element doors.)



Integrated blinds are a great way to let light in during the day while ensuring absolute privacy at any moment. Easy to operate with two discreet buttons. Because the blinds are between the glass, they are virtually maintenance free.



White



Satin gray

Security Options



Double-point mortise lock
(Shown with Look handle)
(550, Element)



Three-position foot lock
(Only available in white)
(550, Element)



Security bar
(Only available in white)

Other Options

Configuration

- Transoms — (550, Element)
- Sidelites — (550, Element)
- Aluminum sill cover — (540, 550, Standard for Element)
- Inside PVC pocket cover — (540, 550)
- Outside PVC pocket cover — (550)
- Outside Aluminum pocket cover
(Included with the Element door)
- Reinforced screen — (550, Element)



Glass options

- Low E glass
- Triple glass — (550, Element)
- Tinted grey or bronze glass — (550, Element)

Installation options

- Wood extension on 3 or 4 sides with interior PVC cladding
- PVC Brick mould and aluminum sill extension — (550)
- Aluminum brick mould and sill extension — (Element)
- PVC Drywall moulding — (550, Element)
- Nailing fin — (550, Element)

Performance

	540	550	ELEMENT
Air leakage resistance	A3	A3	A3
Water penetration resistance	360 Pa	400 Pa	400 Pa
Uniform load structural test	DP-30	DP-45	DP-50
Global	SD-R30	PG-R45	PG-R50
Tests effectués en laboratoire	Référence porte 95 1/2" × 81" Normes harmonisées AAMA / WDMA / CSA101 / I.S.2 / A440-11	Référence porte 71 1/2" × 81" Normes harmonisées AAMA / WDMA / CSA101 / I.S.2 / A440-08	Référence porte 71 1/2" × 81" Normes harmonisées AAMA / WDMA / CSA101 / I.S.2 / A440-11

		540		550		ELEMENT	
Insulated Glass		ER	U Value	ER	U Value	ER	U Value
Standard	Double-pane — Low E on face 3	34	1.70	34	1.70	33	1.76
Option	Triple-pane — Low E on face 5	—	—	38	1.36	35	1.48

Warranty



20-year limited warranty.
See the detailed warranty on our website.

The information in this brochure is current as of the date of publication but is subject to change.

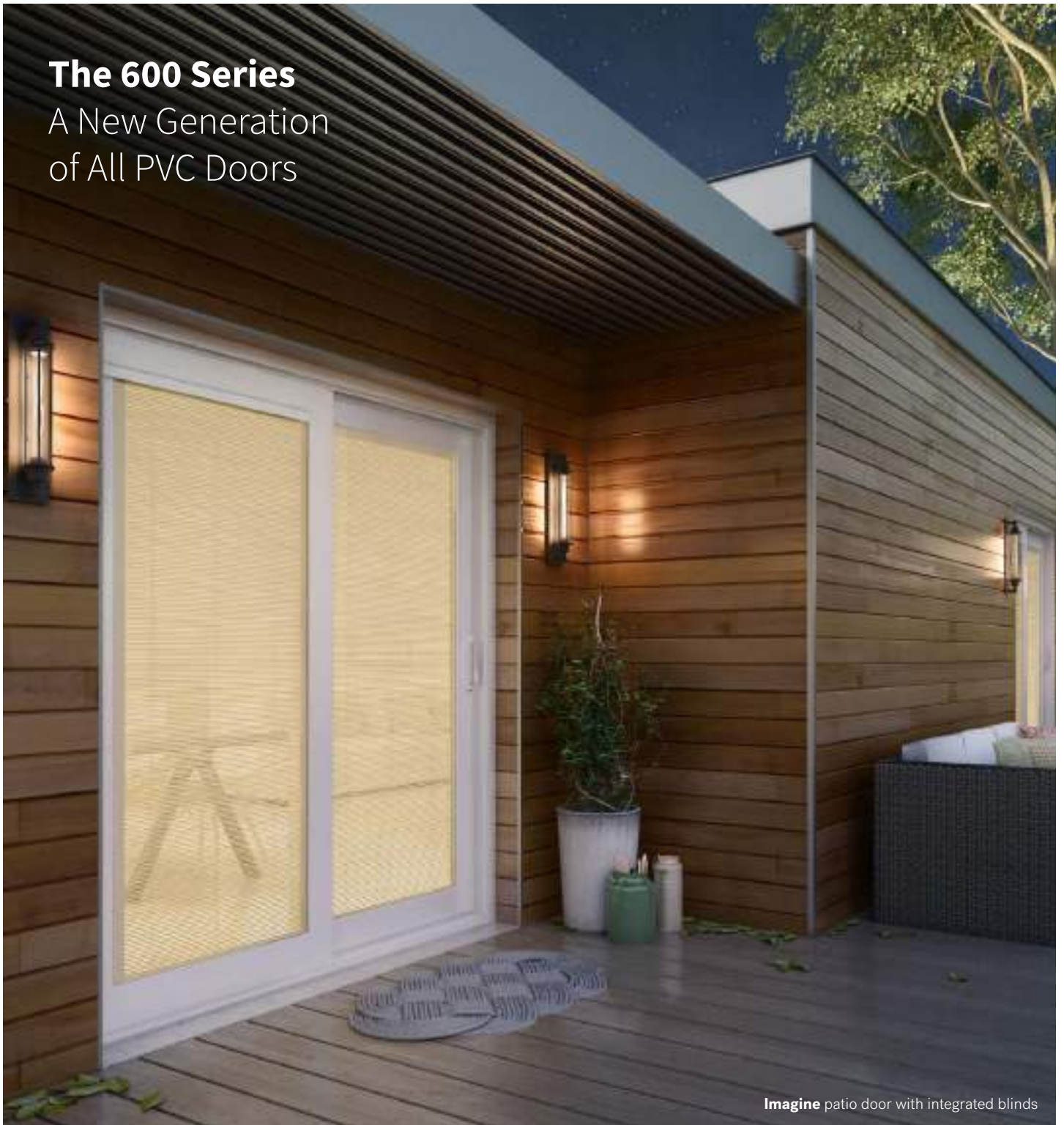
Novatech®

600 Series Patio Doors



The 600 Series

A New Generation
of All PVC Doors



Imagine patio door with integrated blinds

The 600 series patio doors are the result of 35 years of experience at Novatech. Beyond their **sleek contemporary style**, these doors feature a unique and **innovative wood insert in the jambs** for added strength and easy installation, a **broad host of options** to suit any type of construction and a design that offers **superior energy efficiency**.



The **630** door meets the requirements of the **Energy Star** program



Enjoy the View With
the **630** Patio Door

The 630 patio door matches any architectural style. Its **narrow sash** and **large glass surface** let you make the most of the outside view.



The **Imagine** Patio Door — Elegant and Stylish

Imagine provides all the charm of a **garden door** without the drawbacks of a hinged door. Its **wide sash** and styling options let you customize your door to be the focal point of the room — both architectural and practical.



630

PVC



IMAGINE

PVC



Wood reinforcements in the jamb

Unique to the 600 series, a pine insert in the PVC jambs provide additional strength and a sturdy wood backing for easy installation.

Features

	630	IMAGINE
Frame		
Multi-chambered PVC frame with wood inserts in side jambs	✓	✓
Frame depths from 5 3/4" to 11 3/4"	✓	✓
Quick draining sill sloped at 9°	✓	✓
A Aluminum sill cover Improved sill durability and superior finish	Option	✓
B PVC cavity filler cap	Option	✓
Sash		
Steel reinforcements in the vertical stiles	✓	✓
45° fusion welded corners and interior glazing stops		✓
Wide garden door style sash		✓
Insulated Glass		
Tempered Low E glass with low-conductive spacer	✓	✓
Hardware		
9600 mortise handle NEW	✓	
Look contemporary style mortise handle NEW		✓
View contemporary style mortise handle NEW		Option

Options

Configurations ☒ OPERATING PANEL ☐ FIXED PANEL (OUTSIDE VIEW)

	5'	6'	8'	7', 9' & 12'	7', 9' & 12'	10' & 12'
630	59½" × 79½" 58½" × 81"	71½" × 79½" 70½" × 81"	94½" × 81"	86⅞" × 79½" 85⅜" × 81" 104⅝" × 79½" 103¼" × 81" 139⅞" × 81"	89¼" × 79½" (OXO) 87¾" × 81" (OXO) 107¼" × 79½" (OXO) 105⅞" × 81" (OXO) 107½" × 79½" (OOX / XOO) 106⅞" × 81" (OOX / XOO) 141¾" × 81" (OXO)	117" × 79½" 114⅙" × 81" 140⅙" × 79½" 139⅙" × 81"
IMAGINE	59½" × 79½" 58½" × 81"	71½" × 79½" 70½" × 81"	95½" × 95½"	104" × 79½" 102⅞" × 81"	107⅞" × 79½" (OXO) 106⅞" × 81" (OXO) 104" × 79½" (OOX / XOO) 102⅞" × 81" (OOX / XOO)	116½" × 79½" 114⅝" × 81" 140⅞" × 79½" 138⅙" × 81"

Hardware Zinc or stainless steel double-point mortise option available
Key lock and keyed alike options available.

630



9600 Handle (Standard)

White

Imagine



Look Handle (Standard)

White



View Handle (Option)

White

Oil Rubbed Bronze (Paint)

Satin Nickel

Colors



More than 100 colours available.
Custom colours on demand.

Integrated Blinds

(Imagine only)



Integrated blinds are a great way to let light in during the day while ensuring absolute privacy at any moment. Easy to operate with two discreet buttons. Because the blinds are between the glass, they are virtually maintenance free.



White



Satin grey

Decorative Options



Dividers

Rectangular 2", 1 × 3 or 1 × 4



Grids

Rectangular 5/8", 3 × 6



Hanging Grids

Rectangular 5/8" ou 1", 3 × 1

Security Options



Double-point mortise lock





Three-position foot lock option
(Only available in white)



Security bar option
(Only available in white)

Other Options

Configuration

- Transoms 
- Sidelites 
- Aluminum sill cover (Standard for Imagine)
- PVC cavity filler cap
- Reinforced screen

Glass options

- Low E glass
- Triple glass (Imagine only)
- Tinted grey or bronze glass

Performance Options



- Sill Tower Riser for improved water resistance

Installation options

- Wood extension on 3 or 4 sides with interior PVC cladding
- PVC Brick mould and aluminum sill extension
- PVC Drywall moulding
- Nail fin

Performance

	630	IMAGINE
Air leakage resistance	A3	A3
Water penetration resistance	330 Pa — 400 Pa with Sill Tower Riser (Option)	400 Pa
Uniform load structural test	DP-45	DP-45
Global	PG-R45	PG-R45
Laboratory tested	Reference 71½" × 81" door Harmonized standards — AAMA /WDMA / CSA101 / I.S.2 / A440-11	Reference 71½" × 81" door Harmonized standards — AAMA / WDMA / CSA101 / I.S.2 / A440-11

	630	IMAGINE
Insulated Glass	ER U Value	ER U Value
Standard Double-pane — Low E on face 3	35 1.70 	31 1.70
Option Triple-pane — Low E on face 5	— —	35 1.42 

Warranty



20-year limited warranty.
See the detailed warranty on our website.

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Novatech®

Urbania & Loft
Aluminum Patio Doors



Urbania panoramic door, 16' x 8' (4.81 m x 2.42 m)



Urbania asymmetrical door in black, 10' × 8' (3.02 m × 2.42 m) with black handle

Urbania & Loft Aluminum Patio Doors

Courage changes everything. That's why our engineers dared to challenge the status quo and set out to reinvent the aluminum patio door. **Offering unparalleled performance and a panoramic view in two or four panel configurations,** Urbania and Loft products will turn your living space into a memorable gathering spot for family and friends where you'll feel at home.

Inifinite Configuration Possibilities

Urbania & Loft are available in three configurations that are trendy, functional and visually striking both inside and out. Expand your horizons with our sidelite and transom system designed to create impressively large custom window walls.

Effortless Opening and Closing

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

Best Thermal Performance on the Market

Composite thermal barriers and an innovative sealing system are brought together to offer the highest performance ratings in their categories.

Aluminum's Undeniable Durability

Aluminum's resistance to heat, cold and corrosion, as well as its superior durability make it the best choice for a long-lasting, sturdy, maintenance-free product, especially for dark painted doors.

Enhanced Security

Urbania & Loft doors are engineered to withstand shocks, wind loads and the toughest climates. Built with standard multipoint 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 |

1

2

3

4

5

6



Loft lift & slide patio door, 10' x 8' (3.02 m x 2.42 m) black with brushed chrome handle

Think Bigger!

Loft — Lift & Slide Patio Door

For new construction and renovation projects alike, improve your view and let more light in thanks to the Loft door's oversized glass panels. Its lift & slide mechanism makes it possible to build sizable patio doors using only two panels, for an impressive and uncluttered view.





The Perfect Frame for a Perfect View

Urbania Panoramic

Urbania's new center opening configuration creates a very large glass surface for a prestigious look. Available up to 16 feet (4.81 m) wide and 8 feet (2.42 m) high, this configuration boasts the largest opening of our product line, making Urbania the ultimate choice for seamlessly integrating exterior and interior living spaces.



Urbania panoramic door in black, 16' × 8' (4.81 m × 2.42 m) with brushed nickel handle (option)



Urbania asymmetrical door in black, 9' × 8' (2.72 m × 2.42 m) with sidelite, transom and brushed nickel handle (option)

A Highly Versatile System

With their 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 impressive projects.



Asymmetrical Configuration

Combining an impressively wide fixed sash with the ease of operation of a smaller and lighter sliding door, this configuration fits perfectly with today's trends in home fenestration and bring the "wow" factor.



Sidelites and Transoms

Our framing system allows the addition of very large transoms and sidelites to create glass walls that are as astonishing as they are efficient.

Urbania — Sliding Patio Door

Two Panels



Available left- or right-handed



HEIGHT	79 1/2" (2,019 mm)	81" (2,057 mm)	95 1/2" (2,426 mm)
WIDTH			
5'	59 1/2" (1,511 mm)	58 1/2" (1,486 mm)	59 1/2" (1,511 mm)
6'	71 1/2" (1,816 mm)	70 1/2" (1,791 mm)	71 1/2" (1,816 mm)
8'	95 1/2" (2,426 mm)	94 1/2" (2,400 mm)	95 1/2" (2,426 mm)
9'	107" (2,718 mm)	107" (2,718 mm)	107" (2,718 mm)

Asymmetrical Two Panels



Available left- or right-handed

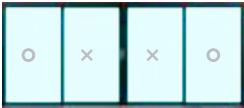


HEIGHT	79 1/2" (2,019 mm)	81" (2,057 mm)	95 1/2" (2,426 mm)	Clearance
WIDTH				
7'	83 1/2" (2,121 mm)	82 1/2" (2,096 mm)	83 1/2" (2,121 mm)	30"
8'	95 1/4" (2,419 mm)	94 3/4" (2,407 mm)	95 1/4" (2,419 mm)	30"
9'	107 1/4" (2,724 mm)	106 3/4" (2,711 mm)	107 1/4" (2,724 mm)	30"
10'	119 1/4" (3,029 mm)	118 3/4" (3,016 mm)	119 1/4" (3,029 mm)	42"

Panoramic Four Panels



Center opening



HEIGHT	79 1/2" (2,019 mm)	81" (2,057 mm)	95 1/2" (2,426 mm)	Clearance
WIDTH				
10'	117 3/8" (2,982 mm)	115 3/8" (2,930 mm)	117 3/8" (2,982 mm)	50"
12'	141 5/16" (3,590 mm)	139 7/16" (3,542 mm)	141 5/16" (3,590 mm)	62"
16'	189 3/8" (4,810 mm)	187 5/16" (4,758 mm)	189 3/8" (4,810 mm)	86"

Loft — Lift & Slide Patio Door

Two Panels



Available left or right hand

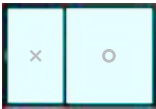


HEIGHT	79 1/2" (2,019 mm)	81" (2,057 mm)	95 1/2" (2,426 mm)
WIDTH			
7'	71 1/2" (1,816 mm)	70 1/2" (1,791 mm)	71 1/2" (1,816 mm)
8'	95 1/2" (2,426 mm)	94 1/2" (2,400 mm)	95 1/2" (2,426 mm)
9'	107" (2,718 mm)	107" (2,718 mm)	107" (2,718 mm)
10'	119" (3,022 mm)	119" (3,022 mm)	119" (3,022 mm)
12'	143" (3,632 mm)	143" (3,632 mm)	143" (3,632 mm)

Asymmetrical Two Panels



Available left or right hand

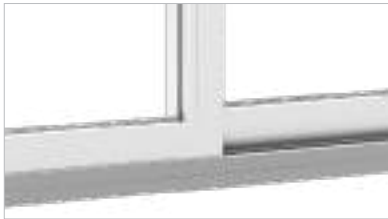


HEIGHT	79 1/2" (2,019 mm)	81" (2,057 mm)	95 1/2" (2,426 mm)	Clearance
WIDTH				
7'	83 1/2" (2,121 mm)	82 1/2" (2,096 mm)	83 1/2" (2,121 mm)	30"
8'	95 1/4" (2,419 mm)	94 3/4" (2,407 mm)	95 1/4" (2,419 mm)	30"
9'	107 1/4" (2,724 mm)	106 3/4" (2,711 mm)	107 1/4" (2,724 mm)	30"
10'	119 1/4" (3,029 mm)	118 3/4" (3,016 mm)	119 1/4" (3,029 mm)	42"

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 on demand
- 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
- Aluminum interior drywall moulding
- Aluminum sill extension

* Options only available for some door configurations.

Specifications

Performance

Insulated glass Reference: 95 1/2" x 95 1/2" door	1" double-pane with one Low E glass	ENERGY STAR 1 1/4" triple-pane with one Low E glass (Option)*	ENERGY STAR 1 1/4" triple-pane with dual Low E glass (Option)*
			
U Value **	W/m² K	1.87	1.53
	BTU/(hr °F ft²)	0.33	0.27
Energy Rating ***		31	35
			37

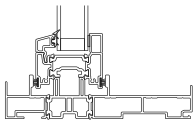
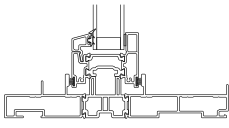
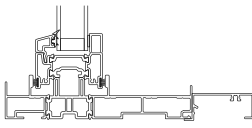
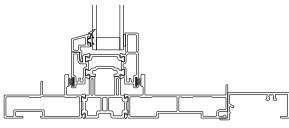
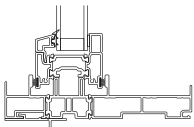
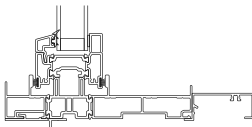
* Options only available for 8' x 8' doors or smaller.

Air: A3
Water: DP 50 (360 Pa)
Structural: LC 40 without reinforcement,
PG 60 with reinforcement (Option)
Condensation Resistance Index: I = 53
Thermal cycling tested ranging from -30 to 72°C

Noise Reduction:
4 mm + 4 mm Insulated Glass: STC 31, OITC 24
4 mm + 6 mm 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
 153.91 mm (6")	 184.15 mm (7 1/4")	 204.71 mm (8")	 234.95 mm (9 1/4")
6" Frame with Nailing Fin		8" Frame with Nailing Fin	
 115.90 mm (4 5/8") 153.91 mm (6")		 166.7 mm (6 5/8") 204.71 mm (8")	

** The U Value is the insulated glass' capacity to resist heat transfer. 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.

Consider Also Your Front Door!



Discover the High Performance Door

The Novatech High Performance System features best-in-class insulation to ensure indoor comfort, superior energy performance and exceptional soundproofing. Its components are designed for durability and peace of mind, letting you rest easy for years to come.

novatechgroup.com/high-performance-system



20-year limited warranty on white PVC and aluminum extrusions and sealed units (residential applications). 10-year limited warranty on paint on PVC and aluminum and on integrated blinds. 5-year limited warranty on hardware. 1-year limited warranty, from the date of delivery, on all manufacturing defects of the product, as well as on labour and transportation costs. Talk to your retailer for more information.



For more information, visit novatechgroup.com

