



POLAR MAXIMA

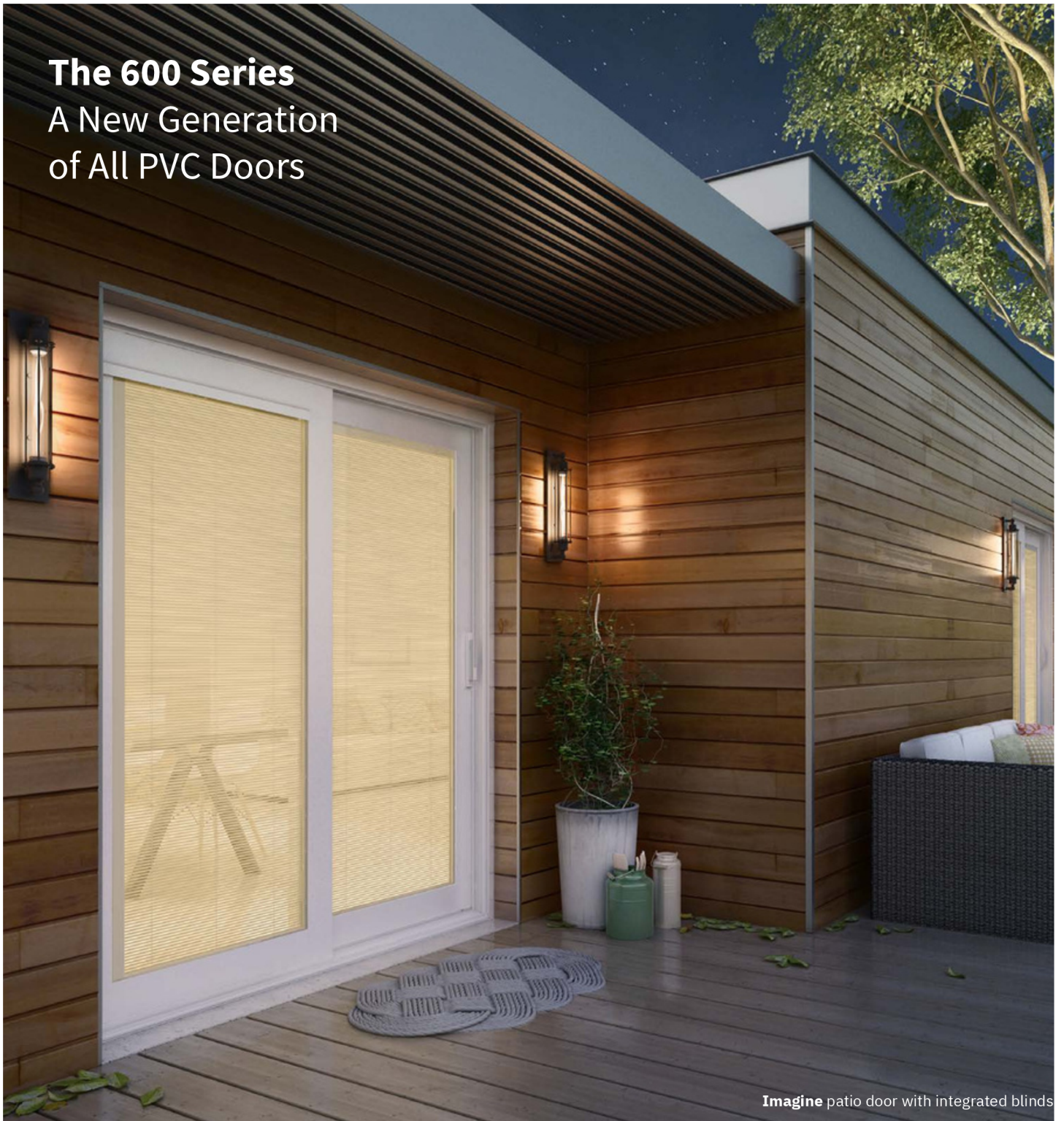
BUILDING A BETTER FUTURE

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**.

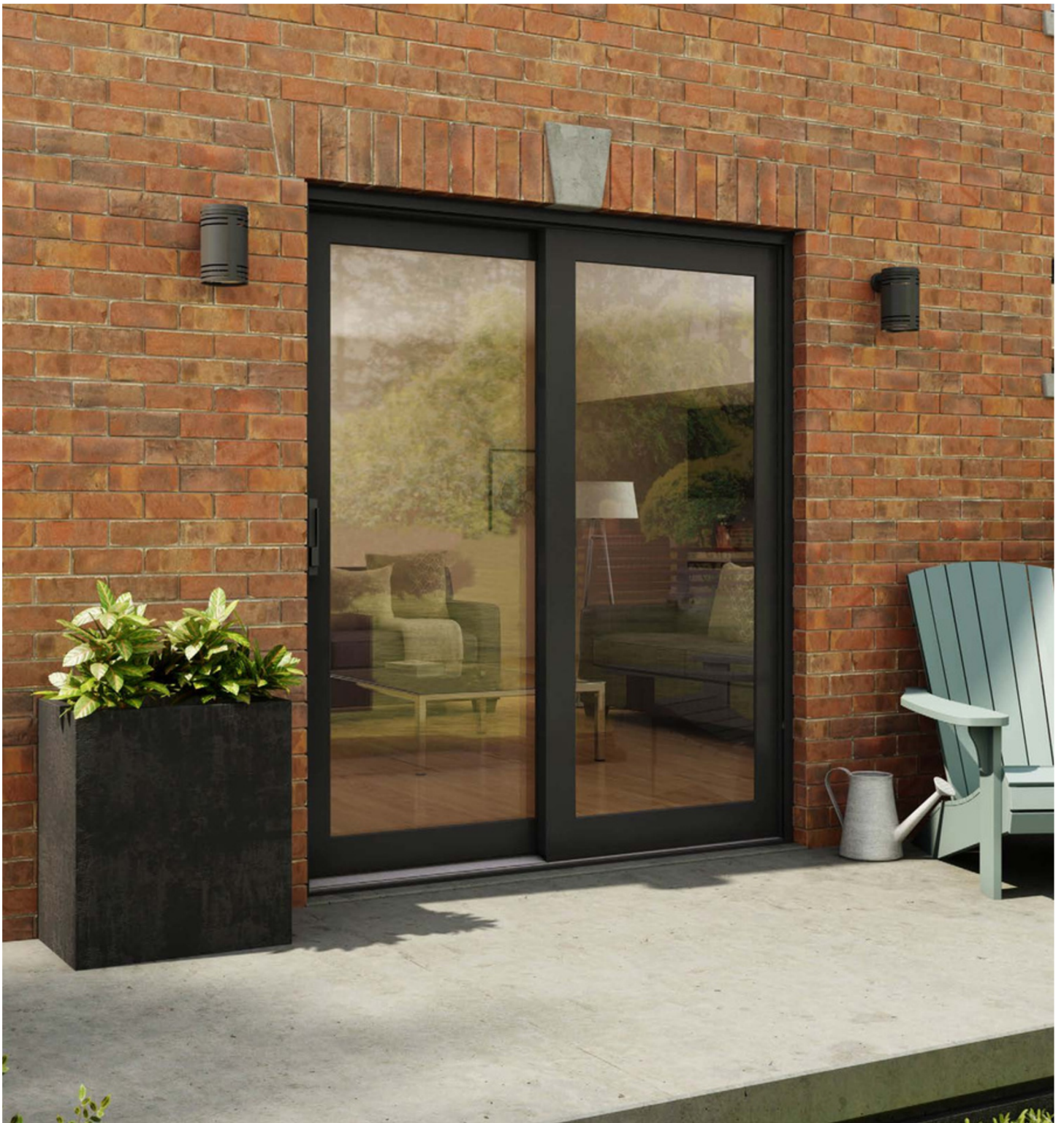


The **630** door meets the requirements of the **Energy Star** program



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.



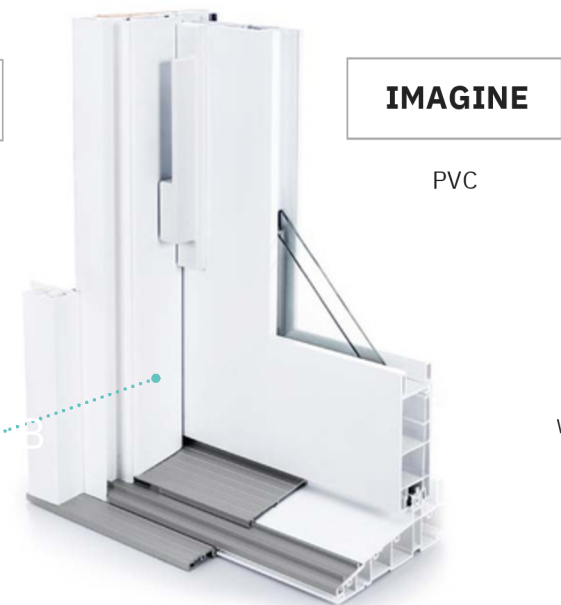
The **Imagine** Patio Door — Elegant and Stylish

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 <small>Improved sill durability and superior finish</small>	Option	✓
B PVC cavity filler cap	Option	✓
Sash		
Steel reinforcements in the vertical stiles	✓	✓
45° fusion welded corners and interior glazing stops		✓
Wide <i>garden door</i> style sash		✓
Insulated Glass		
Tempered Low E glass with low-conductive spacer	✓	✓
Hardware		
9600 mortise handle <small>new</small>	✓	
Look contemporary style mortise handle <small>new</small>		✓
View contemporary style mortise handle <small>new</small>		Option

Options

Configurations	operating panel		fixed panel (outside view)			
	5'	6'	8'	7', 9' & 12'	7', 9' & 12'	10' & 12'
630	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"	86 7/8" x 79 1/2" 85 3/16" x 81" 104 5/8" x 79 1/2" 103 1/4" x 81" 139 1/8" x 81"	89 1/4" x 79 1/2" (OXO) 87 3/4" x 81" (OXO) 107 1/4" x 79 1/2" (OXO) 105 7/8" x 81" (OXO) 107 1/2" x 79 1/2" (OOX / XOO) 106 1/16" x 81" (OXO / XOO) 141 3/4" x 81" (OXO)	117" x 79 1/2" 114 15/16" x 81" 140 15/16" x 79 1/2" 139 1/16" x 81"
IMAGINE	59 1/2" x 79 1/2" 58 1/2" x 81"	71 1/2" x 79 1/2" 70 1/2" x 81"	95 1/2" x 95 1/2"	104" x 79 1/2" 102 9/16" x 81"	107 7/8" x 79 1/2" (OXO) 106 7/16" x 81" (OXO) 104" x 79 1/2" (OOX / XOO) 102 9/16" x 81" (OXO / XOO)	116 1/2" x 79 1/2" 114 5/8" x 81" 140 9/16" x 79 1/2" 138 11/16" x 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)

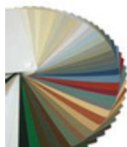
White



View Handle (Option)

- White
- Black outside / White inside
- 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 x 3 or 1 x 4



Grids
Rectangular or georgian
5/8", 3 x 6



Hanging Grids
Rectangular or georgian
5/8" or 1", 3 x 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 71 ½" x 81" door Harmonized standards – AAMA /WDMA / CSA101 / I.S.2 / A440-11	Reference 71 ½" x 81" door Harmonized standards – AAMA / WDMA / CSA101 / I.S.2 / A440-11

	630		IMAGINE	
Insulated Glass	ER	U Value	ER	U
Standard Double-pane – Low E on face 3	34	1.70 	30	Value
Option Triple-pane – Low E on face 5	–	–	34	1.70 
				1.42

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.