

# Enhancing The Beauty And Value Of Your Home. Exclusive Patio Door Collection.

NORTH STAR PATIO DOOR COLLECTION | Two-Panel | Three-Panel | Four-Panel



Since 1985 North Star has been an industry leader in the manufacture of attractive and energy-efficient vinyl windows and patio doors. Whether you're building a new home or upgrading to today's standards, North Star has an extensive range of quality, energy-efficient and full-featured patio doors that are not only beautiful, but offer exceptional value.

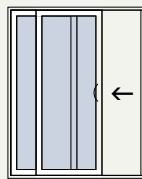


### Customize Your Patio Doors

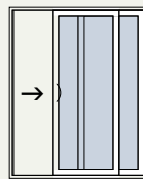
North Star patio doors offer a perfect combination of beauty, security and low-maintenance. Unlike hinged doors, they glide open and close with ease and take up less space, making them an ideal option when space is tight – and foot traffic is heavy.

Custom sizes, transoms and sidelites are also available to complement any style and décor.

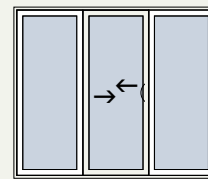
North Star patio doors are available in standard two-, three- or four-panel configurations. North Star patio doors are fully customizable to suit your home's specifications.



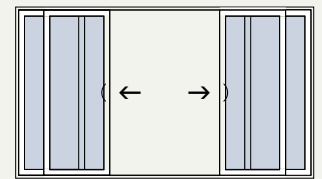
(OX-Slide left)



(XO-Slide right)



(OXO-Slide Centre L or R)



(OXXO-Slide R and Slide L from Centre)

X = Operating Panel O = Fixed Panel

	STANDARD SLIDING PATIO DOOR WIDTHS								
	2 Panel Doors			3 Panel Doors			4 Panel Doors		
HEIGHT	58 ¾	70 ¾	94 ¾	88	106	142	116	140	188
79 ½	●	●	●	●	●	●	●	●	●
with Internal Mini Blinds	●	●		●	●		●	●	
with Triple Glazing	●	●		●	●		●	●	
95 ½		●	●		●	●		●	●





Multi-point lock

Single-point lock (shown with standard handle)

Solid key lock

Security bolt



Pewter

Brass

White Standard

Black Standard

Coppertone Standard

### Quality Locks

Your home is your castle. And your castle will feel secure thanks to patio doors with durable quality locks. Each door we manufacture features a standard single-point lock. For added assurance, North Star also offers several lock options, including a multi-point lock, a solid key lock mechanism or an easy-use security bolt.

### Hardware Colors

Hardware and locks used in North Star's doors are easy to use, durable and come with a lifetime warranty. All our hardware is available in standard white, black and coppertone, or you can upgrade to our premium pewter or brass finishes.

### Internal Mini Blinds

Convenience, comfort and style... at your fingertips. North Star's internal mini blinds are sealed between two panes of tempered safety glass – no cleaning is ever required! Finger tip controls allow the blinds to be raised or lowered and adjusted to allow for light or privacy.



### Hardware Combinations

	Door	Exterior Handle	Interior Handle
<b>Standard Hardware</b>	White Exterior	White	White
	Colored Exterior	Black	White
	Oak Interior	Black or White	Coppertone
<b>Optional Hardware</b>	White/Colored Exterior	Brass or Pewter	Brass or Pewter

## Why We Are The Best

North Star has earned a reputation for manufacturing and distributing attractive, high-quality, energy efficient vinyl windows and doors.

North Star's manufacturing system ensures all our vinyl windows and doors are built to meet or exceed industry standards. Our products are tested and certified by Canadian Standards Association and comply with American Architectural Manufacturers Association (AAMA) standards. We're so confident in our windows and doors that we back them with a transferable, limited lifetime warranty.

When you buy North Star products, you know you're getting the best quality and value for your investment.

The strong relationship we have with our various manufacturing partners has helped us maintain our reputation for leadership, innovation and the production of windows and doors of impeccable quality.



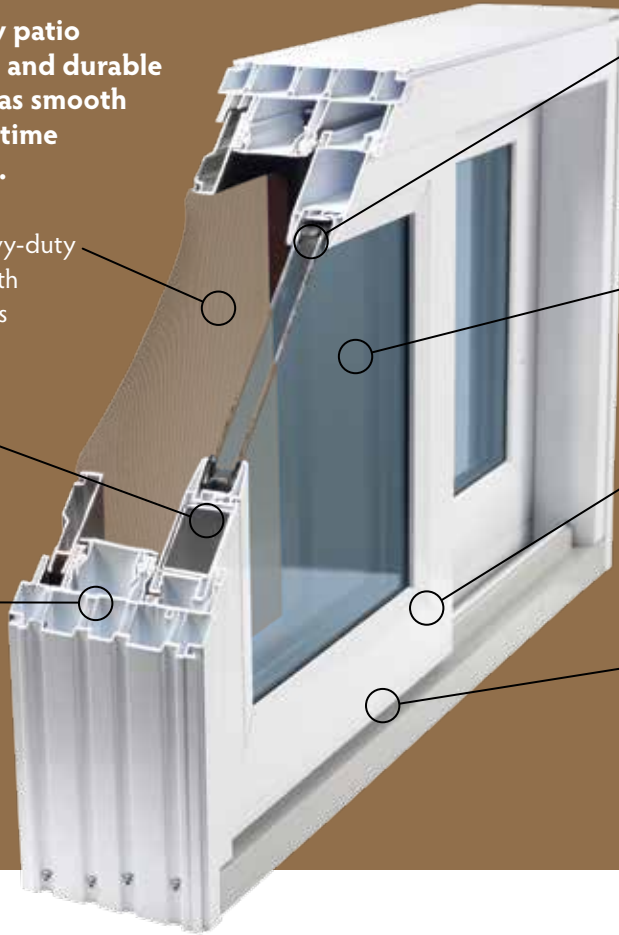
## Energy-Efficient Patio Doors

All of North Star's quality patio doors feature sloped sills and durable weatherstripping as well as smooth operation to ensure a lifetime of excellent performance.

**Heavy-Duty Screen** – Heavy-duty extruded aluminum screen with fiberglass mesh on steel rollers for ease of operation.

**Reinforced Sashes** – Reinforced metal sashes provide superior rigidity and security.

**Energy-Efficient Extrusions** – North Star's 5 5/8" multi-chambered vinyl extrusions save energy – and money – and resist warping, cracking and peeling.



**Super Spacer® Technology** – The Quanex Premium Super Spacer® between glass panes resists condensation, reduces noise and boosts insulation values.

**Tempered Glass** – All North Star doors feature tempered safety glass that meets or exceeds industry standards.

**Fusion Welded Sashes** – The corners on all North Star sashes are fusion welded for added strength and a perfect seal.

**Nylon Rollers** – Long lasting nylon rollers provide a clean, quiet, smooth slide.

### Colors

North Star AAMA-certified extrusions are available in white and seven standard exterior laminated colors – espresso, sable, chestnut brown, cocoa, sandalwood, hickory and ivory. These UV-resistant vinyl overlays, with an embossed wood grain texture, will remain attractive for years to come.

You can also enjoy the warmth of an oak interior finish with our kolonial oak acrylic overlay, virtually indistinguishable from real wood. If matching to pre-existing wood stains or paint colors, use our stainable or paintable overlay with its wood grain texture.

Due to variations in the printing process, the colors shown may not be exact. Ask your North Star dealer to show you an actual color sample. E.&O.E. Specifications are subject to change without notice.

### Vinyl

Exterior Colors



Interior Finishes





## Glass

The glass in all North Star doors features tempered glass that ensures your door is always as safe as it is beautiful.

To increase the efficiency of our patio doors, North Star offers optional energy-saving Low-E glass that features a near-invisible coating that reduces the amount of heat lost while letting in light.

Also, the Quanex Premium Super Spacer® technology in every patio door we make resists condensation, boosts R-values and reduces noise.

Other glass options include

- Argon and Krypton gas filled
- Bronze- and gray-tint glass
- Obscure glass
- Triple glazing (for certain sizes only)

## Accessories

North Star offers a range of accessory options, including wood or vinyl jamb extensions that make a seamless transition from the door frame to your interior finish.

Exterior accessories include brickmould with built in siding J-channel and nail fins for ease of installation and a weather-tight seal to the outdoors.

## Grilles

The beauty of your North Star patio doors can be enhanced through traditional or contemporary grilles, available in three profiles: 1/4" square, 5/8" flat and 3/4" contour.



1/4" SQUARE



5/8" FLAT



3/4" CONTOUR

## We Offer Two Types Of Grilles:



BETWEEN THE GLASS

### Between The Glass (BTG)

– Our BTG grilles are encased between the two panes of insulating glass, leaving a smooth surface that's a breeze to clean.

Grilles between the glass are available in white, pewter, brass and in colors to match the interior and exterior finishes of our windows and doors.



SIMULATED DIVIDED LITE

### Simulated Divided Lites (SDL)

– Our SDL grilles look like traditional divided lite grilles, but offer the outstanding performance of our energy-efficient windows. SDL grilles are applied to the outer surfaces of the insulated glass for a more traditional profile – inside and out. Exterior grilles are available in colors to match our exterior color options, while interior grilles come in white, kolonial oak or stainable/paintable overlays.

For details on the color and profile combinations available, visit our website, [northstarwindows.com](http://northstarwindows.com)



## Technical Performance

North Star vinyl patio doors are one of the first on the market to be CSA certified.

Patio Doors conform to A440-08 & A440 S1-09 Class R-PG45-SD – Size tested 1800 x 2019 (71 x 80):

- Design Pressure (DP) 2400 Pa / -2400 Pa
- Water Test Pressure 330 Pa
- Canadian Air Infiltration/Exfiltration: A3
- NFRC tested to US energy rating standards
- Canadian ER-Energy Rating:
  - Low-E 29
  - Low-E / Argon 33
- Energy Star Certified in Canada and the US



[NORTHSTARWINDOWS.COM](http://NORTHSTARWINDOWS.COM)