

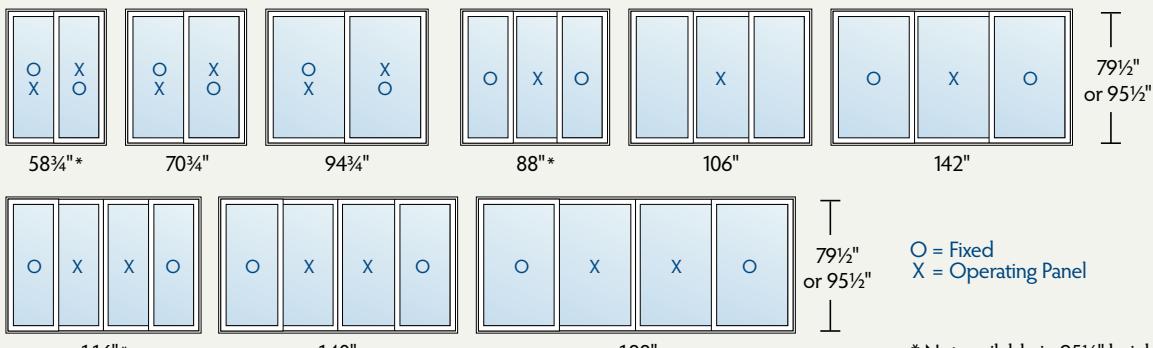
Enhancing The Beauty And Value Of Your Home.

Exclusive Patio Door Collection.



 **NORTH STAR®**
VINYL WINDOWS AND DOORS

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.



* Not available in 95 $\frac{1}{2}$ " height.

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.



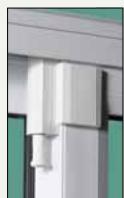
Multi-point lock



Single-point lock (shown with standard handle)



Solid key lock



Security bolt



Brass



Pewter



White Standard



Coppertone Standard

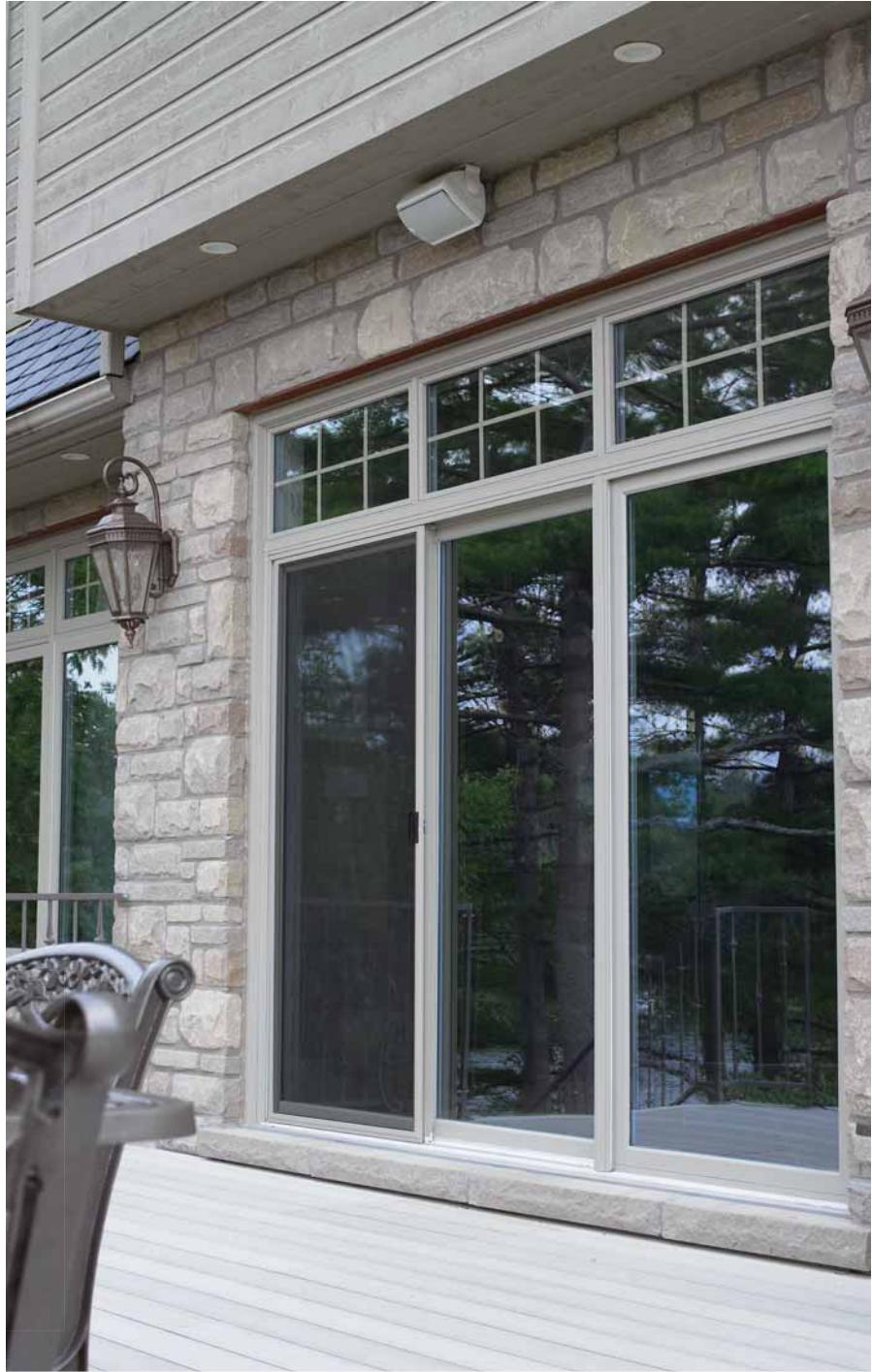
Quality Locks

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 and coppertone, or you can upgrade to our premium brass or pewter finishes.

*Pewter and Brass finishes are subject to tarnish and are not covered by North Star's hardware warranty.



Hardware Combinations

	Door	Exterior Handle	Interior Handle
Standard Hardware	White Exterior	White	White
	Colored Exterior	Black	White
	Oak Interior	Black or White	Coppertone
Optional Hardware	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.

igmac



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.

- 1. Super Spacer technology** – The Edgetech Premium Super Spacer® between glass panes resists condensation, reduces noise and boosts insulation values.
- 2. Tempered glass** – All North Star doors feature tempered glass that meets or exceeds industry standards.
- 3. Fusion welded sashes** – The corners on all North Star sashes are fusion welded for added strength and a perfect seal.
- 4. Energy-efficient extrusions** – North Star's 5 5/8" multi-chambered vinyl extrusions save energy – and money – and resist warping, cracking and peeling.
- 5. Reinforced sashes** – Reinforced metal sashes provide superior rigidity.
- 6. Heavy-duty screen** – Heavy-duty extruded aluminum screen with fiberglass mesh on steel rollers for ease of operation.



Colors

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

And you can enjoy the warmth of an oak interior finish with our Natural and Canadian Oak interior finishes. Made from a durable PVC laminate with an acrylic overlay, they're virtually indistinguishable from real wood.

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.

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.

And the Edgetech 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 brickmold with built in sliding J-channel and nail fins for ease of installation and a weather-tight seal to the outdoors.

**For more information
please visit our website,
www.northstarwindows.com**

Grilles

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



We Offer Two Types Of Grilles:



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.



Simulated Divided Lites (SDL)

– Our SDL grilles look like traditional divided light grilles, but offer the outstanding performance of our energy-efficient windows. SDL grilles are applied to the outer sides of the insulated glass for a more traditional profile – inside and out.

All grilles are available in colors to match our window and door exteriors, as well as metallic, pewter and brass.

For details on the color and profile combinations available, visit our website, www.northstarwindows.com.



Technical Performance

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

Patio doors meet the following performance criteria (based on two-panel doors):

- A3 • B3 • C3 • E3 • F2
- AAMA tested to an overall rating of LC45 (Light Commercial).
- NFRC tested to US energy rating standards.
- Canadian ER-Energy Rating:
 - Low-E 28
 - Low-E / Argon 33
- Energy Star Certified in Canada and the US.

* One of the characteristics of Low-E glass is a blue haze that may be seen under certain lighting conditions. This haze is actually light scattered by the coating and is completely normal.