KENTO
WINDOWS & DOORS

*Proudly 100% Newfoundland & Labrador Owned & Operated*

# Custom Vinyl Windows

# Custom Vinyl Windows

www.kentonl.ca

# What Kento Offers

Kento is committed to improving the quality and design of its products to keep up with the demand for higher standards of performance. Our windows are ENERGY STAR qualified with excellent Energy Ratings (ER). Most are available in white or beige profile, with custom painted windows available upon request.

Kento also manufactures a complete entrance system line and offers sliding patio doors. These entrance system frames are available in wood, laminated vinyl clad, "never rot" composite as well as solid vinyl. Slab options are available in steel and fiberglass. Custom painted door options are also available.

Kento customers love our exceptional service and dependable warranty. You can trust a product that's been around for decades!

# Kento Windows & Doors

Since 1983, Kento has provided high-quality residential window and door products. We also meet the requirements for non-residential projects such as retail outlets, daycare centers, churches and hotels.

In 1994 we started manufacturing residential vinyl windows in a vast selection of sizes and shapes. Kento door and window are made here in Newfoundland and Labrador for our unpredictable weather.

Since those first days, Kento Window & Doors has built a reputation for providing each customer with a competitive price for a quality product. We provide you, our customers, with the comfort of knowing you have received a superior product backed by Kento's exceptional customer service.

Kento has three lines of windows. The Comfort and Comfort Select and Builder series are both available for casement, awning, single hung, and single slider windows. Both feature a 3 ¼" all-PVC frame with integrated installation bracket track.

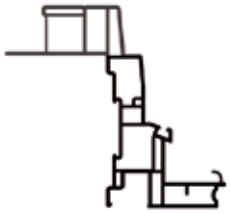
The Comfort and Comfort Select series have a ¾" or ⅞" overall dual-seal insulated glass unit, while the Builder series has a ¾" overall dual-seal insulated glass unit.

All three series have a warm-edge Duralite Spacer for greater energy savings. Whether you want speed and value, or the ability to design your own unique windows, Kento gives you a *clear* choice.

# 1. Comfort Series

For casement, awning, single hung, and single slider windows, Kento's Comfort series of windows blends **convenience, style, and exceptional value**.

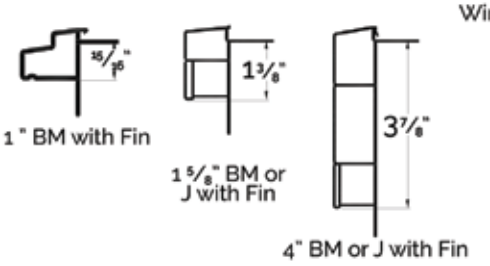
Frames are assembled as an integrated unit, saving you the time and cost of having your windows custom made. Choose from either a J or Brickmould with nailing fin. The ¾" interior return is built into the frame.




# 2. Comfort Select Series

For casement, awning, single hung, and single slider windows, Kento's Comfort Select series allows **more flexibility in your window design**.

You decide how to combine the styles and shapes of the individual components and trim options. Like the Comfort series, the ¾" interior return is built into the frame.




# 3. Builder Series

The Builder series is available for vertical or horizontal sliders. Its 1 ¼" trim has a Brickmould with fin, or a J with fin, and uses a more streamlined profile for more savings. **See page 8** for more info on our Builder series.

## Which Window will Weather Your Weather?

Kento Windows are designed to handle all extremes of Newfoundland and Labrador's weather, from the winter's bitter cold and savage winds to the summer sun that can surprise us with sometimes scorching heat. Add the ocean's relentless salt spray in coastal communities, and you've got a torture test that would strike fear in any homebuilder's heart. Consider the chart below to help choose the best window for your weather.

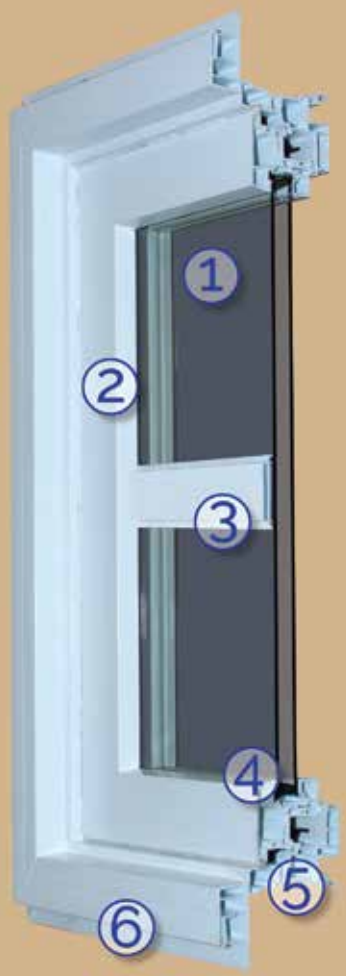
**Cold or Harsh Weather** ← → **Warm or Mild Weather**

| Fixed | Casement | Awning | Single Hung | Horizontal Slider |
|---|---|---|---|---|
| Pg 6 | Pg 4 | Pg 5 | Pg 8 | Pg 8 |

# Look Inside Our Window

**The Anatomy of a Kento Window**

You want a window that looks good, but the pieces you can't see help make the real difference between a good and great window. At Kento, our focus is on making windows of exceptional quality, inside and out!



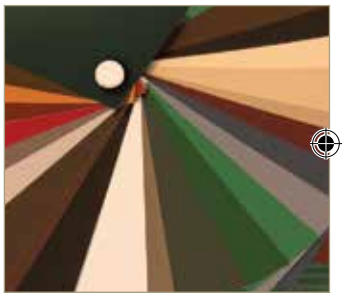

1. Glazing
2. Sash
3. False Meeting Rail (optional)
4. Warm Edge Spacer
5. Frame
6. Exterior Moulding

# Options for All Windows

**Internal Mini-Blinds** (see page 9)
Sealed between two panes of glass, internal blinds give you the convenience and style of mini-blinds without worry of damage, dust, or dangerous cords.

**Grills** (see page 12)
Installed inside the sealed glass unit to keep them clean, our aluminum grills give your windows a range of grid patterns, shapes, and colours.

**False Meeting Rails**
Add the look of a transom or single-hung window to your casement window! The rails are installed on both sides of the glass to give you new style.



**Painted Windows** (see page 9)
Want a look truly your own? Kento offers exciting painted colours! Or for something truly unique, ask about our custom paints in an unlimited range of colours!

For more information see www.kentonl.ca

# Standard for Vented Casement & Awning Windows

**Folding Handles**
Kento casement windows include folding handles on the operators. These handles can be folded when the window is opened or closed, avoiding any interference with drapes, blinds, or little curious hands.

**Multi-point Locking**
Windows with the multi-point locking option lock in multiple locations, providing a tight seal, enhanced energy efficiency, and security, all with a single lever operator at the bottom of the window for easy locking and unlocking.

Concealed Snubbers
Snubbers are installed on the hinge side of larger casement windows. They keep the hinge side of the sash tight to the frame for better performance, and are concealed between the sash and frame to provide a clean appearance.

**Spring-Mounted Screens**
Any open window in Newfoundland and Labrador needs a screen to keep out the mosquitoes! Still, when it's time to do some cleaning or just get all the breeze you can, Kento's screens are easy to remove and then snap securely back into place.

**Stainless Steel Hinges**
Opening and closing a window exerts tremendous pressure on the hinges. Exposure to the elements also exacts a toll. Kento uses stainless steel hinges to keep your windows operating smoothly, reducing the chances of a window becoming stuck.

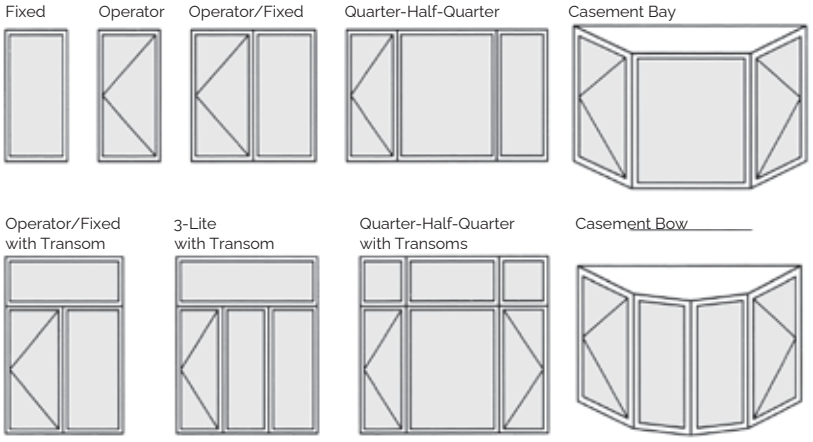
# Casement Windows

Kento's casement windows make a statement about your home, your tastes, and your focus on quality without spending more than your budget will allow.

## Standard Features:

- A ⅞" sealed unit with warm-edge Duralite spacer
- Multichamber frame and sash, fully welded
- Dual-arm operator to provide improved operating stability
- Integrated ¾" wood return to ease installation of trim
- Folding handle to reduce interference with blinds
- Stainless steel hinges to resist rust
- Triple weatherstripping to reduce draft and save money
- Concealed energy-efficient drain hole to reduce draft
- Integrated Brickmould with nailing fin (Comfort Series)
- Insert or Brickmould options (Comfort Select Series)
- Multi-point locks for added security and energy savings (Casement)

## Casement Window Configurations:




Other configurations available. See dealer for details. See Kento's standard and optional features on pages 2 and 3 for more design ideas.

## Why Kento Casement Windows?

Casement windows are one of the most popular window types in Newfoundland and Labrador. They come close to fixed windows in their ability to handle harsh environments and extremely cold temperatures. Yet they have the added advantage of being able to be opened for cool breezes and fresh air.

Kento casement windows feature exceptional construction standards. Every element — from the fully-welded frame and sash to the energy-efficient certified components — is carefully engineered to deliver top performance and aesthetic appeal for years to come. With Kento, a beautiful view is in your future!

## Why Churches, Schools, Businesses, & Homes Love Awning Windows

Ever notice how many churches, schools, and businesses use awning windows? These windows offer superior airflow and cooling especially when installed high on a wall, since warm air is often trapped in the upper portion of a room.

Awning windows also all greater security since they are less likely to allow enough room for someone to enter through them when left open. Again this is especially true when installed high.

Built for Newfoundland and Labrador's harsh climate, Kento's awning windows can often be left open even in heavy rain,delivering airflow with little risk of water getting in.

Homeowners are increasingly turning to awning windows as an excellent investment. And now, so can you. Ask your local window dealer about Kento awning windows!

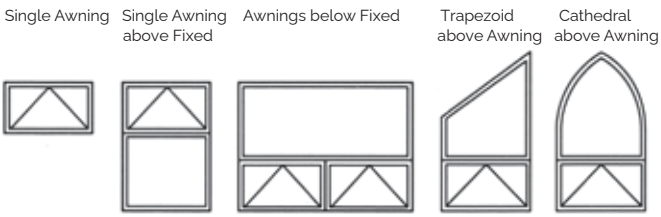
# Awning Windows

Combining other window types with awning windows gives you countless design and functional possibilities. Installing Kento's awning windows with picture or fixed windows (see pages 6 and 7) brings light, style, fresh air, and a cool breeze to virtually any room configuration. For ultimate quality, style, and flexibility in your building or renovation project, insist on Kento windows!

## Standard Features:

- A ⅞" sealed unit with warm-edge Duralite spacer
- Multichamber frame and sash, fully welded
- Integrated ¾" wood return to ease installation of trim
- Folding handle to reduce interference with blinds
- Stainless steel hinges to resist rust
- Triple weatherstripping to reduce draft and save money
- Concealed energy-efficient drain hole to reduce draft
- Integrated Brickmould with nailing fin (Comfort Series)
- Insert or Brickmould options (Comfort Select Series)

## Awning Window Configurations:




Other configurations available. See dealer for details. See Kento's standard and optional features on pages 2 and 3 for more design ideas.

# Fixed Picture Windows

Ellipse

Extended Ellipse

1/2 Round

1/4 Round

Octagon

Hexagon

Full Round

Oval

Pentagon

Left Triangle

Right Triangle

Triangle

Trapezoid

Camber Top

Cathedral

Extended 1/2 Round

**For more information see www.kentonl.ca**

Kento's picture windows come in a range of stunning shapes to enhance the architectural highlights of your home... whether you're bringing light to a grand entrance or a cozy nook.

- Multi-chamber frame, fully welded.
- 3 ¼" all-PVC frame with integrated installation bracket track.
- A ¾" or ⅞" dual-seal insulated glass unit with warm-edge Duralite Spacer for energy savings.
- Fusion-welded corners for superior strength.
- A wide range of shapes.
- Internal glazing stops for security and easy replacement of glass.
- Integrated ¾" wood return to ease installation of trim.
- Insert or Brickmould options.
- Picture windows have a larger glass area for better energy efficiency and larger viewing area.
- For larger rectangular applications, a fixed casement window is recommended. This will give a smaller glass area but the heavier profile will provide stronger structural support.

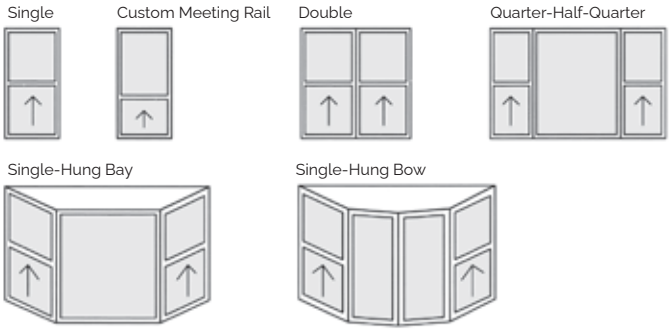
# Single Hung & Horizontal Slider Windows

Single hung windows have long been the traditional window in Newfoundland and Labrador, and are still regarded with great affection by many homeowners. Kento has worked meticulously to keep that charm while still incorporating the smooth operation and energy efficiency that are expected of any new window today.

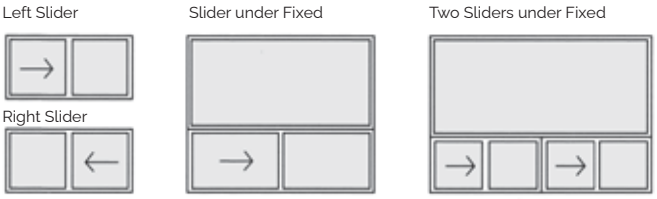
Much more recently, horizontal sliders have become the window of choice for basements and other sites where the desire to let in as much light as possible faces the reality of limited height. Kento's horizontal sliders are reliable, easy to operate, and fashionable enough to fit into any decor.

- Multi-chamber frame and sash, fully welded.
- ¾" sealed unit with warm edge Duralite Spacer.
- Integrated ¾" wood return.
- Integrated Brickmould with nailing fin (Comfort Series).
- Insert or Brickmould options (Comfort Select Series).
- Stainless steel coil balance.
- Cam lock and recessed tilt latch.
- Bottom sash tilts in for easy cleaning.
- Sliding sash lifts out for easy cleaning.

## Typical Single Hung Configurations




## Typical Horizontal Slider Configurations

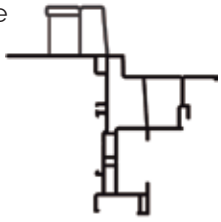



All sliders available as Left or Right Slider. Other configurations available. See dealer for details. See Kento's standard and optional features on pages 2 and 3 for more design ideas.

## The Builder Series

Our single hung and slider windows come in the *Comfort* and *Comfort Select* series (see page 1), as well as *Builder*. Builder is stocked in popular sizes by many stores for fast purchase, in white only.

Builder's 1 ¼" trim has a Brickmould with fin, or a J with fin, and uses a more streamlined profile for more savings.




## Stainless Steel Coil Balance

Stainless steel springs make our single hung windows smooth to operate, balancing the weight through the entire range of motion.

## Flush Tilt Latches

Kento's flush tilt latches on the bottom sash make our single hung windows easy to clean while also providing an unobstructed view.

**For more information see www.kentonl.ca**

# *Blink* Internal Mini-Blinds

Blinds are consistently one of the most widely used window coverings, but they are not without their frustrations. There's the perennial challenge of dusting, the inevitable damage if you have pets or children, and the safety concerns if those cords are not properly installed.

Now Kento's *Blink* internal mini-blinds solve all those problems! These fashionable mini-blinds are actually installed between the panes of glass and controlled with an easy-to-operate slide built directly onto the insulated glass. (See photo on page 2.) Get all the style and ease of use, but none of the headaches. No more dusting. No more damage. No more safety worries.

Kento's internal mini-blinds come in a variety of colours and are available for all casement, awning, and rectangular fixed windows.

Available in custom sizes, six colors, and clear or Low-E glass wherever Kento windows and doors are sold, these mini-blinds will give your windows a whole new look, fewer chores, and even fewer worries. Ask your local window dealer about Kento's internal mini-blinds!

## Looking for the newest entrance systems or patio doors? Have a bigger project in mind?

You may just know us for windows, but Kento is proud to also distribute a stunning line of entrance systems and sliding patio doors! We also meet the requirements for non-residential projects such as retail outlets, daycare centers, churches and hotels. Ask your local Kento dealer for our brochures, or view our many offerings at www.kentonl.ca

# Kento Saves Money & Energy

Conserving energy is important, and not just because it saves money. Saving energy can help save the planet, since the less fuel or energy we burn, the healthier we all are. So to help you *and* Planet Earth, Kento focuses on making our windows as energy-efficient as possible.

We do this through the use of leading technologies and materials such as Low-E glass, argon gas, and Duralite Spacers, as outlined on these pages. For more information, please see our website at www.kentonl.ca.

**Low-E glass** has a thin, metallic coating that is almost invisible to us but a significant barrier to the transfer of heat and UV rays. That means your home is more comfortable while your fabrics stay more colourful!

**Argon gas** is invisible and heavier than the air we breathe, making it an ideal insulator. We place argon between the panes of glass to increase our windows' energy efficiency. Add the Duralite Spacer and you get a window that saves you exceptional energy and money!

Working together, the Low-E glass, argon gas, and Duralite spacer determine the Energy Rating (ER) of any window from any manufacturer. But what exactly is an "Energy Rating"?

In Canada, ENERGY STAR is administered through a voluntary partnership of the Government of Canada and industry. The Energy Rating (ER) is a product's thermal performance measuring against national standards. This lets you compare products regardless of who made them. You can compare and then ask for Kento, secure in the knowledge that we make energy performance a priority through every step of every process!

## Technically Speaking, Low-E glass Really Saves You Money!

Kento windows use Comfort Select 73 Low-E glass that has been ENERGY STAR certified for use in most cold regions in Canada. During daylight hours, our windows let natural sunlight through the glass and into your home, giving you lots of sunshine without the damage of ultraviolet light.

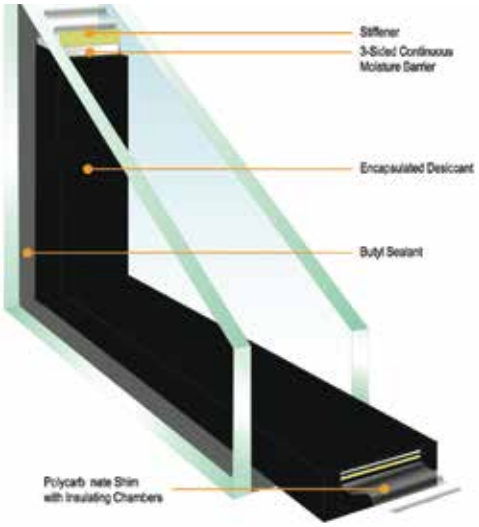
Our windows also let warmth from the sun through the glass and into your home. You and your family can enjoy comfortable solar heat while saving money that would have gone into heating bills.

At night and on winter days, the heat is inside rather than outside, and that's where you want it. Clear glass is like an open door for heat to escape, but a Kento window with Comfort Select 73 Low-E glass improves insulating performance.

Add up the savings from more solar heat getting into your home and less of that heat escaping at night or on cold days, and toss in the savings from UV protection. You'll find that Kento's windows keep more money in your pocket as well!

# The Amazing Duralite Spacer

A Duralite spacer is inside every Kento window. Every window with two panes of glass will have a spacer of some sort, and it is easy to think that the only real purpose of that spacer is to keep the two glass panes apart. In some lower-quality windows, that may in fact be all that it does. Not so with a Kento window!

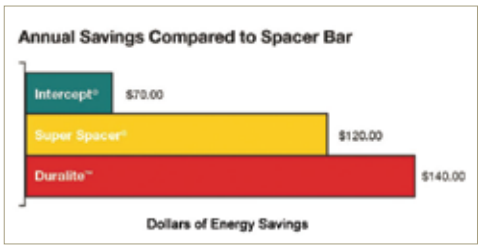



## More than just empty space

Kento's windows use the industry-leading Duralite spacer, engineered to seal in argon and to help keep its temperatures at a level that reduces condensation. This not only keeps your windows looking better, but can save your home from the damage that can occur over time as water builds up and runs off.

Duralite is a flexible, warm-edge spacer featuring a unique no metal, composite laminating technology that provides superior durability and thermal performance in insulating glass units.

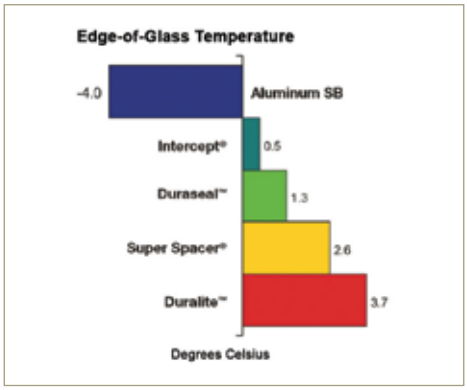
To make it possible to deliver such high performance standards, Duralite is preassembled with an air-filled polycarbonate shim, butyl sealant, a three-sided continuous moisture barrier and a desiccated topcoat. That may sound complicated but the benefits are remarkably easy to understand: the Duralite spacer reduces or eliminates condensation, saves energy, and saves money!




## The Final Word

Working together, Low-E glass, argon gas, and the Duralite spacer allow each Kento window to help keep your home warmer in the winter and cooler in the summer. Also, the reduced ultraviolet rays mean your blinds, draperies, furnishings, walls, and floorings are all less noticeably likely to fade or to become damaged by the sun's rays.

Ready to save energy and money with your windows without compromising




style or breaking your budget? Tell your local windows dealer that you're ready for Kento energy-efficient windows in your home!

**For more information see www.kentonl.ca**

# Kento helps you feel warm inside.

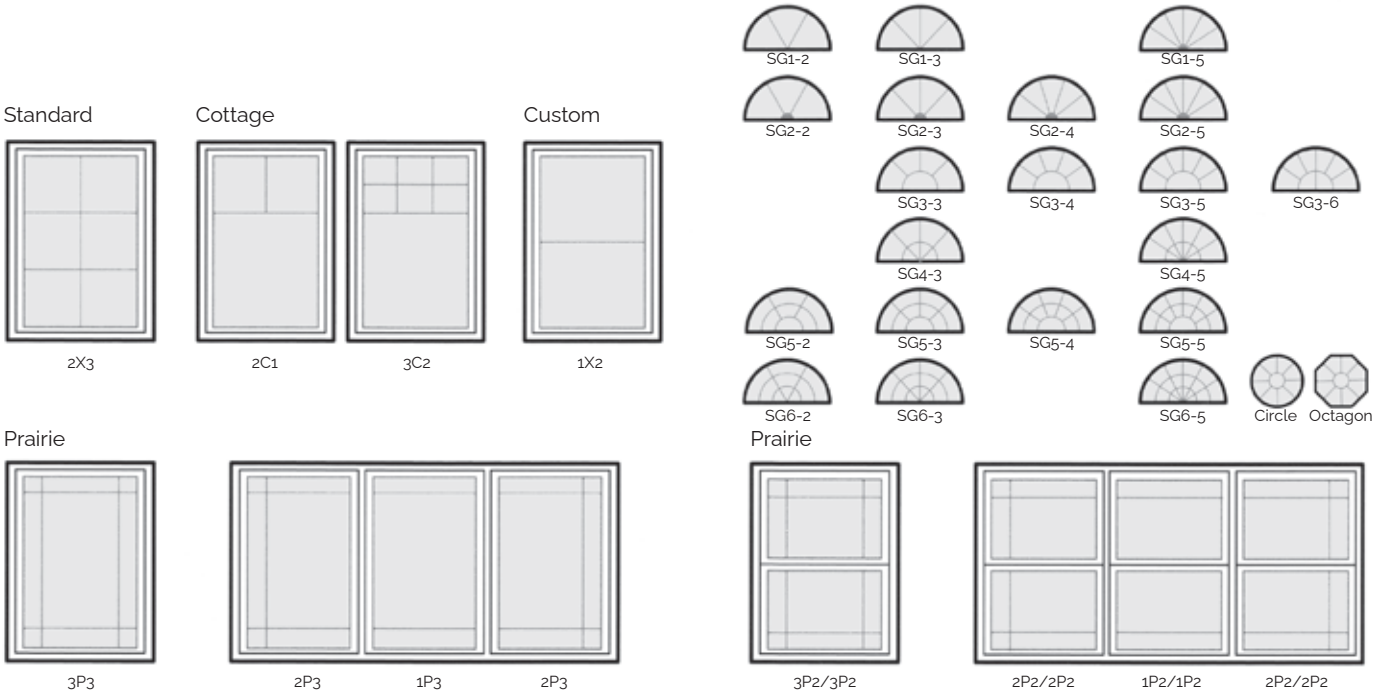
**Don't you love feeling cozy?**
Curled up with a good book or savouring the smell of your favourite comfort food. The wind is howling outside, but you feel toasty warm.

Yeah, at Kento we love that too, and we love making sure our windows help you and your family feel that way... through every day and every night.

# Designer Grills

Sometimes a detail or two can change everything. Take Kento's designer grills, for example. We have put together a stunning range of grill options to give the perfect accent to any architectural style.

Kento's grills are installed inside the sealed glass units, so you'll never need to worry about cleaning, displacement, or damage. Making a statement has never been so easy and so inexpensive. Ask your local window dealer about Kento's designer grills!




# Your Home is Your Palette

Many Kento windows come in solid white or beige profiles, meaning the colour is integrated through the vinyl itself.

## Dream in Colour

Kento brings your dreams to life with our custom-painted windows and doors.

Have a specific colour in mind? We can take custom orders for any colour you provide.

Talk to your Kento dealer for details!

# Buying Tips

### Which type of exterior trim best suits your home?

Trims can add visual impact to your home. Accentuate the exterior look of your windows by adding either a con toward or flat exterior trim.

### Which elevations are northern-southern exposure?

Choose window sizes and locations that will allow you to get the greatest amount of natural light. Southern exposure typically brings in more sunlight.

### Do your bedroom windows meet egress requirements?

In order to meet building code, make sure you select window sizes and styles for your bedrooms that are for you and easy escape or rescue route.

### How can grills enhance a window?

Grills can add a great visual appeal to your windows and can help you set a different ambience in each room. Consider placing grills in the top portion of your windows to add exterior polish and architectural interest to your home without compromising your view.

### Do your products require a certain performance level for your area?

When choosing the fenestration product category and the performance level required for a specific application, you must take into consideration the height of installation, the location and the type of building. Refer to the building code in force in your region before installing the product.

# Warranty

At Kento, our goal is to protect not only our products, but your investment as well. Kento Windows are manufactured using only the top quality materials and are guaranteed to be free from defects in material and workmanship. This section offers a brief overview of our warranty. **See www.kentonl.ca for details.**

Lifetime Vinyl Profile Warranty on our vinyl window frame and sash profile covers manufacturer's defects resulting in blistering, flaking, peeling, or corroding subject to the conditions and terms in warranty.

30-Year Limited Warranty on Sealed Glazing Units covers manufacturer's defects resulting in film formation and dust deposits between the two panes of glass due to lack of tightness, not against glass breakage.

Lifetime Hardware Warranty covers manufacturer's defects. It  does not cover wear or discoloration of finish, abuse, misuse, or worn out products.

Labour to repair or replace defective parts outlined in these warranties will be covered for two years.

Kento is not liable for defects resulting from improper installation, misuse, neglect, abuse, improper handling, fire, wind, hail, flood, lightning or other Acts of God. **See www.kentonl.ca for full warranty details.**

Due to atmospheric conditions we recommend regular cleaning of vinyl and screens with a mild detergent, glass with household glass cleaner, and cleaning of dust and dirt from all hardware and moving parts, along with a light spray of silicone lubricant at least once a year.

KENTO WINDOWS & DOORS

Proudly 100% Newfoundland & Labrador Owned & Operated

# CUSTOM VINYL WINDOWS

QUALITY PRODUCTS MADE IN NEWFOUNDLAND & LABRADOR

W22-1

KENTO WINDOWS & DOORS

Proudly 100% Newfoundland & Labrador Owned & Operated

Kento Windows & Doors • P.O. Box 20009 • 405 Fowlers Road • Conception Bay South, NL • A1W 3L1

www.kentonl.ca

709-834-8133

info@kentowindows.com

Toll-free: 1-800-563-8887

ENERGY STAR

CHBA Member

absda

igmac

BBB

PROUD MEMBER NLCA Newfoundland And Labrador Construction Association