



Laflamme[®]
DOORS & WINDOWS

Window Collections
PVC & PVC-ALUMINUM HYBRID

We build our windows for a special client... you!

Nothing's more comfortable than a home fitted with LAFLAMME windows and doors.

We use only the finest materials in our products—superb craftsmanship is at the heart of everything we do. Our experts are devoted to building the perfect window and door. Our in-house research center is at the forefront of new materials and manufacturing techniques. And rigorous quality control means our products meet the highest standards for both the Canadian and U.S. markets.

Built to the highest standards with innovative technology, they make your home an oasis of comfort and security year round.

All LAFLAMME products marry style with function, they're beautiful from the outside in. Choose from a wide variety of styles, shapes, and colours without ever compromising on quality.

With virtually unlimited window and door styles plus a full array of options and accessories, LAFLAMME is your partner in flexible home design.

What you see creates the impression. What you don't see makes it last.



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innovative technology
optimal efficiency



All LAFLAMME products are made from uPVC vinyl, but true beauty is more than skin deep. Inside each LAFLAMME window or door you'll find a variety of innovative features to perfectly merge aesthetic with function. High-impact stabilizers increase strength, resist heat, retain colour, and enhance UV protection. Multi-chamber frames eliminate uncontrolled expansion and contraction, and provide superior insulation. A pressure-equalized drainage system channels water away from the interior of the window or door. Fusion welding fuses the corners of the window together, making a rigid structure that will stand up to virtually anything.



Energy-efficient features:

- 1 Multi-chambered PVC frame
- 2 Fusion-welded corners for added strength
- 3 Pressure-equalized drainage system
- 4 Triple weather-stripping
- 5 High-performance glass options
- 6 Available R3+ Triple Pane (EcoNova)

We're Energy Star®

LAFLAMME Energy Star® qualified windows and doors will reduce your home energy costs by 7 to 12 percent. They will reduce cold drafts, condensation and noise transfer.



Our new Low-E thermal units:

STAR+ Lifetime Warranty

This Low-E thermal unit was designed to maximize the performance of our windows while providing maximum energy efficiency under the EnergyStar program, leading to lower energy consumption for Canadian homeowners when choosing these windows.

R3+ Lifetime Warranty

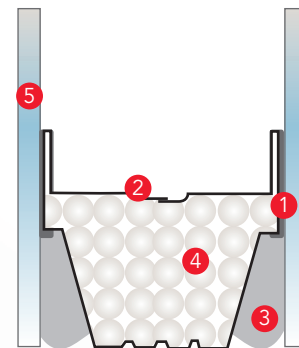
Triple glazed Low-E glass unit offered as an option in EcoNova casement windows will provide outstanding energy saving performance. R3+ enable the triple glazed to meet the Zone D requirements, the highest Energy Star rating, in Canada.

R+ 15 Year Warranty

This Low-E thermal unit maximises R value while minimising solar gain for your clients looking to buy windows with the highest R rating. Sometimes it's what you don't see that makes all the difference. Inside the glazing units of each window and door is a hidden benefit. Investing in superior windows and doors pays off down the road in lower energy bills, furniture and carpet not faded by ultraviolet light, and a home that's comfortable year round.

Endur IG™ Design

- 1 Primary seal (PIB)
- 2 Thin gauge stainless steel
- 3 Secondary seal (silicone)
- 4 Desiccant filling
- 5 Pane of glass



Specialty Glass options:

All Specialty Glass includes Low-E

OASIS+ Sound-Blocking Glass

Does your world seem to get noisier every day? Oasis+ glass substantially reduces undesirable noise from the outside particularly for houses or buildings in close proximity to areas of high traffic, industry, airports and other sources of noise. Oasis+ glass increases a window's STC rating, thereby reducing noise transfer.



Country living, even in the noisy city

NATURA+ Self-cleaning glass

Natura+ uses the sun's rays to loosen dirt which then easily washes away in the rain, practically without a trace. Natura+ makes windows easier to clean and helps them to stay cleaner longer. Natura+ with sun and rain equals clean windows without all the work! And that's not all, Natura+ is combined with energy-efficient glass, helping homes stay warmer in winter and cooler in summer.



Let the sun and rain clean your windows

FORTE+ Resistant Glass

Forté+ glass is heated to temperatures of 700 degrees Celsius, then rapidly air-cooled, creating a compressed layer that makes it four times more resistant than regular glass. Tempered glass is extremely resistant but can still break under powerful impact. Forté+ glass shatters into many small, rounded, dull pieces, greatly reducing the risk of cuts.



The ultimate name in safety glass

Forté+ Ultra provides complete peace of mind. Precaution is the key to safeguarding your home and protecting your loved ones, either from theft or inclement weather. **Laminated Forté+ Ultra** is specially designed to withstand severe winds and to resist forces of impact. If the glass does break, the laminated interlayer holds the glass together.



a window to match your lifestyle:



COLOUR

LAFLAMME windows give you colour that lasts. Our unique process bonds colour to the uPVC vinyl at a molecular level, ensuring stable, vibrant colour that does not fade over the years. What's more, the colour coating is heat cured for a smooth finish that resists abrasions, impacts, weathering and fading under intense sun or weather conditions.

20 optional colours available with the possibility of matching any other colour sample. Interior and Exterior painting available

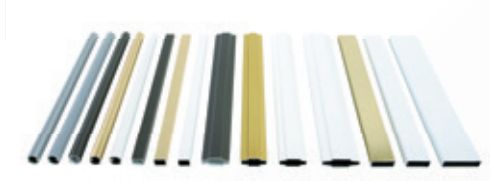
DECORATIVE GLASS



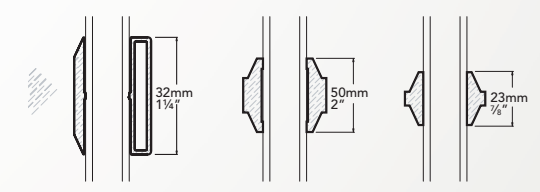
FROSTED SAND-BLASTED GLUE CHIP GRAY TINT BRONZE TINT

GRILLES

Our timeless Georgian-style grilles add beauty to your windows while keeping them easy to clean and maintain. For the ultimate in elegance, choose a pencil bar grille in a range of colours and patterns. If you want to change your home's character, opt for a removable vinyl grille and paint it to match existing windows. Round out your home's appeal with a 7/8", 1 1/4", or 2" SDL.



BETWEEN-THE-GLASS GRILLES



VINYL SDL BARS



CASEMENT AWNING SINGLE-SLIDER DOUBLE-SLIDER DOUBLE-HUNG SINGLE-HUNG SLIDING PATIO DOOR



contemporary design
optimal efficiency



PVC

LAFLAMME was the first major Canadian window manufacturer to offer PVC windows and patio doors.

Unlike other materials, PVC is virtually maintenance-free. It requires no painting and is energy-efficient, sealing your home against any kind of weather.



ECONOVA

The innovative **EcoNova** PVC Casement and Awning Windows feature a sturdy sash with contemporary styling. **EcoNova** windows were designed to optimize the energy-efficiency and structural performance of triple glazing, developed in accordance with the new, increasingly stringent industry standards.



EcoNova Brickmould Options
Choose from a variety of brickmoulds, the aesthetic boundary between your siding or brick and the frame of the window.

Characteristics & Advantages

- Sturdy contemporary style sash
- 3 1/4", 4 1/2" and 5 3/4" structural frames (4 1/2" with integrated brickmould)
- Triple weather-stripping for maximum air tightness
- Standard overlap screen

Options

- High efficiency triple-pane sealed unit
- High-performance glass including R3+
- Grilles and simulated divided lights (SDL)
- Factory-installed jamb extension
- Wide array of colours (interior and exterior)

Performance test results based on CAN/CSAA-440.2.M90 standard:

Air tightness A1*	Water tightness B 1*	Wind load resistance C 1*	Forced entry resistance
A 3	B 7	C 5	F 2

* Minimum required by the building code. Results available upon request.

timeless elegance
today's technology



MAXIMA

Combining elegance with rounded profiles, the **Maxima** casement window offers today's window technology in a timeless, classical style. Olympia and Performa awning windows share the same handsome looks and innovative features as **Maxima** and Performa casement windows.

Characteristics & Advantages

- Rounded sash and brickmould
- 3 ¼", 4 ½" and 5 ¾" structural frames (4 ½" with integrated brickmould)
- Wide array of brickmoulds
- Integrated interior return
- Triple weather-stripping for maximum air tightness
- Positive locking mechanism for increased efficiency
- Sash opens 90° for easy cleaning from inside
- Warm-edge glazing unit
- Sturdy multipoint locking mechanism
- Standard "Encore" hardware

Options

- High-performance glass
- Grilles and simulated divided lights (SDL)
- Factory-installed jamb extension
- Wide array of colours (interior and exterior)
- Hardware colours: White and Black

Performance test results based on CAN/CSAA-440.2.M90 standard:

Air tightness A1*	Water tightness B 1*	Wind load resistance C 1*	Forced entry resistance
A 3	B 7	C 5	F 2

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maximum light
efficient performance



PERFORMA

LAFLAMME's **Performa** window ushers in a new era of light. With its unique design and superior glazing, **Performa** lets more light into your home to provide you with stunning views of the world outside. LAFLAMME vinyl casement windows are also available in bay or bow styles.

Characteristics & Advantages

- Slimmer classic shutter lets in more daylight
- 4 ½" and 5 ¾" structural frames (4 ½" with integrated brickmould)
- Standard overlap screen
- Integrated J-brickmould
- Triple weather-stripping for maximum air tightness
- Positive locking mechanism for increased efficiency
- Sash opens 90° for easy cleaning from inside
- Warm-edge glazing unit
- Sturdy multipoint locking mechanism
- Standard "Encore" hardware

Options

- High-performance glass
- Grilles and simulated divided lights (SDL)
- Factory-installed jamb extension
- Wide array of colours (interior and exterior)
- Hardware colours: White and Black

Performance test results based on CAN/CSAA-440.2.M90 standard:

Air tightness A1*	Water tightness B 1*	Wind load resistance C 1*	Forced entry resistance
A 3	B 7	C 5	F 2

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traditional appeal
convenient cleaning



Characteristics & Advantages

- 4 1/2" frame with 3/4" and 1/2" integrated drywall return
- 7/8" thermos with warm-edge spacer
- New-design Truth automatic locking system
- Contemporary styling
- Smooth operation and durable construction
- Design permits multiple assemblies and increased reinforcement
- Removable mosquito screen
- Zero-gravity balance system

Options

- Grilles and simulated divided lights (SDL)
- Wide array of colours (interior and exterior)
- Variety of brickmould options and factory-installed jamb extension
- Available in architectural shapes
- Available in triple-pane

Windows tested in accordance with and meets the NAFS-08 building code requirements.

Energy Star Zone ABC

contemporary style
value priced



Characteristics & Advantages

- 4 1/2" frame with 3/4" and 1/2" integrated drywall return
- 7/8" thermos with warm-edge spacer
- New-design Truth automatic locking system
- Contemporary styling
- Smooth operation and durable construction
- Design permits multiple assemblies and increased reinforcement
- Removable mosquito screen
- Removable sash (Slider)

Options

- Grilles and simulated divided lights (SDL)
- Wide array of colours (interior and exterior)
- Variety of brickmould options and factory-installed jamb extension
- Available in architectural shapes
- Available in triple-pane

Windows tested in accordance with and meets the NAFS-08 building code requirements.

Energy Star Zone ABC

ECONOVA

Discover our new **EcoNova** Hung windows. **EcoNova** PVC Hung Windows feature a sturdy sash with innovative automatic-locking Truth hardware. **EcoNova** windows were designed to optimize energy efficiency and were developed in accordance with the new, increasingly stringent industry standards.

ECONOVA

EcoNova PVC Sliding windows feature a contemporary-styled horizontally sliding sash with innovative automatic-locking Truth hardware. Available with a number of brickmould options to customize the look, this window is a great option for those looking for value combined with a large viewing area. EcoNova windows are designed to optimize energy efficiency and developed in accordance with the new, increasingly stringent industry standards.

architectural detail
stunning effects

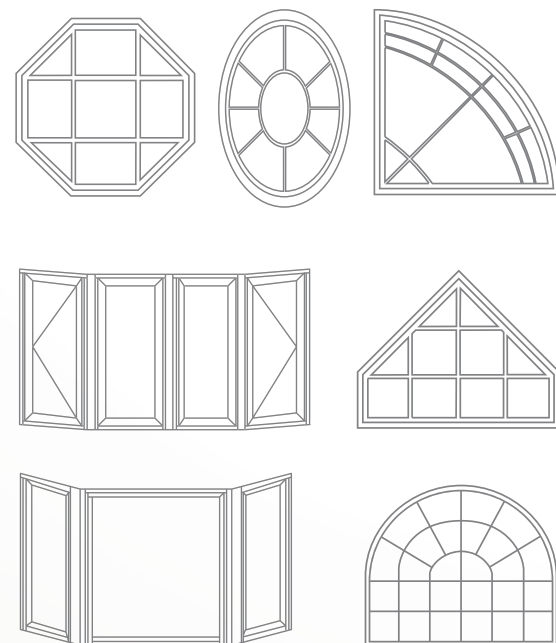


BAY, BOW & ARCHITECTURAL WINDOWS

Architectural windows are at the heart of LAFLAMME's reputation for quality. Held to the same rigorous standards as our other windows, they come in a virtually unlimited variety of shapes to give you total flexibility in all your home design projects. Choose from half circle, trapezoid, elliptical, rake-head, segmental, radius top, transom, and more.

LAFLAMME bay windows flare gently outwards to make any room feel bigger and brighter. Bow windows are elegantly designed to give rooms a subtle sense of shape and contour. Our bays and bows come with LAFLAMME-standard features and options with the additional choice of factory-installed head and seat boards.

Configurations



versatile design
optimal efficiency



ETERNA & DYNASTY

LAFLAMME patio doors are the result of an innovative partnership with PH Tech, an acknowledged leader in patio door design. Featuring PH Tech design expertise and rigorous LAFLAMME construction, our **Eterna** patio door offers you the highest quality and value.

Characteristics & Advantages

- Multi-chamber extrusions for greater energy-efficiency
- Sliding panels feature aluminum stiffeners
- Innovative gliding system
- 1" adjustable tandem rollers
- Stainless steel track ensures smooth, easy operation

Options

- High-performance glass
- Sealed grilles in a variety of patterns
- Natural pine or vinyl clad jamb extension
- Foot lock mechanism
- Wide array of brickmoulds
- 10" French panel applied for a French-door look
- Security bar

Performance test results based on CAN/CSAA-440.2.M90 standard:

Air tightness A1*	Water tightness B 1*	Wind load resistance C 1*	Forced entry resistance
A 3	B 3	C 3	F 2

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structural integrity
thermal efficiency



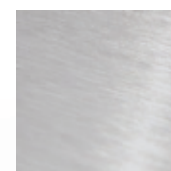
PVC-ALUMINUM HYBRID

We combined a rigid, multi-chamber PVC fusion welded frame with an aluminum extrusion assembled on the exterior portion of the window. The result gives you a structure with enhanced rigidity combined with the superior thermal efficiency of PVC.



MELODIUM

LAFLAMME's **Melodium** hybrid window ushers in a new era of light. With its unique design and superior glazing, the **Melodium** lets more light into your home to provide you with stunning views of the world outside. Having combined the two most popular materials in the window world, the hybrid window is the perfect answer to all architectural applications.



New Colour!
Anodized Aluminum

Characteristics & Advantages

- 5" rigid PVC with an extruded aluminum exterior
- The welded PVC sash with aluminum extrusion are located well inside the warm portion of the wall
- Sash opens 90° for easy cleaning from inside
- Structural assembly and integrated brickmould improve water tightness
- Warm-edge glazing unit
- Multipoint locking mechanism
- Standard overlap screen
- Available in an awning configuration

Options

- High-performance glass
- Virtually unlimited grille and SDL patterns
- Factory-installed jamb extension
- Wide array of colours (interior and exterior)
- Stainless steel hardware

Performance test results based on CAN/CSAA-440.2.M90 standard:

Air tightness A1*	Water tightness B 1*	Wind load resistance C 1*	Forced entry resistance
A 3	B 7	C 5	F 2

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338%

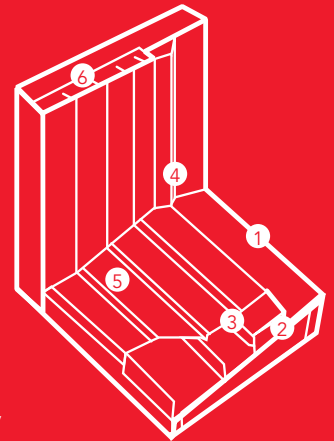
more weatherproof*



The only steel door system built to withstand the wind and rain, even at over 89 km/hr!

The Hermetica steel door system stops air and water dead in their tracks, thanks to the exclusive AirStop™ system. AirStop features the Zero Friction™ profile, so that doors open and close easily, yet seal up tight. It also comes with a weatherproof water shield, weatherstripping and built-in drainage reservoirs that evacuate water while keeping cold air out.

- 1 Ultra-durable, high-performance vinyl sill
- 2 Drainage reservoir
- 3 Anti-infiltration drainage system
- 4 Water shield and air barrier weatherstripping
- 5 Aluminum sill cover
- 6 Air-chambered cladding to prevent distortion



Multipoint Option

- Multipoint locking system activates automatically
- Easy-to-lock door with four anchoring points
- Stainless-steel system
- Door panel reinforced
- Limited five-year warranty
- Available in choice of 8 finishes



Torino



Capri



Venise



1.800.463.1922
laflamme.com



Laflamme[®]
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* Hermetica doors seal 338% more tightly than their seven closest competitors.