



THE GLENGROVE COLLECTION OF PREMIUM WINDOW AND DOOR SYSTEMS IS SPECIFICALLY DESIGNED TO MEET YOUR HIGHEST QUALITY AND PERFORMANCE STANDARDS.

Superior materials, leading-edge product innovations and state-of-the-art manufacturing facilities combine to create a collection that rises above the rest, providing homeowners with beautifully constructed windows and doors backed by a powerful peace of

mind warranty. Choose from the widest selection of windows, entry door systems, patio doors and related products on the market, and bring Glengrove home today.

Glengrove, redefining your view on quality.





CASEMENT • AWNING • PICTURE WINDOW

BEAUTIFUL, EXPANSIVE VIEWS AND FLAWLESS INTERIOR AND EXTERIOR DETAILING ARE THE HALLMARKS OF THE GLENGROVE COLLECTION OF CASEMENT, AWNING AND PICTURE WINDOWS.

Use them individually or have them joined together in endless combinations to satisfy your unique design vision. Whatever your requirements, their fusion-welded corners, triple-seal weatherstripping and multi-chambered frames and sashes will ensure optimum performance and energy efficiency. Homes will also keep their cool in summer and warmth in winter thanks to the Low-E

glass and Premium "S" Class White SuperSpacer™, which come standard on all Glengrove windows. Plus, Glengrove Casement and Awning windows open and close effortlessly thanks to their positive action, smooth operating geared mechanisms. For beauty, quality and leading-edge performance, nothing can compare to a Glengrove window.



Casement

GLENGROVE CASEMENT WINDOWS OPEN OUTWARD WITH A SMOOTH-TURNING OPERATING HANDLE AND CAN BE CUSTOM MADE TO YOUR SPECIFICATIONS. THESE ELEGANT, HIGH-PERFORMANCE WINDOWS ALSO FEATURE THE TIGHTEST SEAL AVAILABLE IN AN OPERATING WINDOW. WHEN WIND PRESSES AGAINST THE GLASS, THE WINDOW SEALS EVEN TIGHTER.



Frame and sash are multi-chambered for added strength, stability and insulation

Premium "S" Class White SuperSpacer™ and full 7/8" Insulating Glass with Low-E glass (1 1/8" triple glazing optional)

3 1/4" and 4 5/8" frame depths available

Fusion-welded corners on frame and sash maximize its strength and stability

Features not shown

- Single Multi-Point lock is a standard feature on all Casement windows
- Heavy duty Stainless Steel hinges and tie bars will not rust or corrode
- All windows over 36" have hidden snubbers to enhance structural strength on the hinge side of windows
- Casement sash tilts in and opens a full 90 degrees, making cleaning easy from inside the home
- Commercial style "blocked" glazing system keeps sash frame true and square
- Flush mullion system eliminates notching interior trim

Wet glazing system and a co-extruded flexible seal on sash exterior guard against leaks and maximize structural integrity

Hidden drainage system eliminates unattractive holes or weep covers

Exclusive frame design keeps frame bulb seal out of sight

Roto Gear operators provide smooth and easy operation for the life of the window; operating handle has sleek contoured lines

Heavy duty extruded aluminum screen bar with integral full perimeter pull rail and hidden positive action locking pin system

Triple-seal weather-stripping and step-down frame design offer superior protection against air and water penetration

Awning

GLENGROVE AWNING WINDOWS CAN BE CUSTOM MADE AND HAVE A SPECIAL TOP-HINGED, OUTWARD-OPENING DESIGN. WHEN OPEN ON RAINY DAYS, THE AWNING WINDOW WILL KEEP WATER OUT, AND WHEN CLOSED, WIND AGAINST THE WINDOW GLASS WILL CAUSE THE WINDOW TO SEAL EVEN TIGHTER.



Frame and sash are multi-chambered for added strength, stability and insulation

Premium "S" Class White SuperSpacer™ and full 7/8" Insulating Glass with Low-E glass (1 1/8" triple glazing optional)

3 1/4" and 4 5/8" frame depths available

Fusion-welded corners on frame and sash maximize its strength and stability

Features not shown

- Commercial style "blocked" glazing system keeps sash frame true and square
- Flush mullion system eliminates notching interior trim

Wet glazing system and a co-extruded flexible seal on sash exterior guard against leaks and maximize structural integrity

Hidden drainage system eliminates unattractive holes or weep covers

Heavy duty Stainless Steel hinges and tie bars will not rust or corrode

Heavy duty extruded aluminum screen bar with integral full perimeter pull rail and hidden positive action locking pin system

Exclusive frame design keeps frame bulb seal out of sight

Dual (one on each side) Multi-Point locks is a standard feature on all Awning windows

Heavy duty "scissor" style operators provide smooth and easy operation for the life of the window; operating handle has sleek contoured lines

Triple-seal weather-stripping and a step-down frame design provide superior protection against air and water penetration

PREMIUM FEATURES

| | | | |
|---|--|--|---|
| 7/8" Insulating Glass | | | Multi-Chambered Frame and Sash |
| Fusion-Welded Corners on Frame and Sash | | | Multi-Point Lock |
| Die Cast Operating Handle | | | Stainless Steel Hinges and Tracks |
| Stainless Steel Tie Bars | | | Heavy Duty Extruded Aluminum Screen Bar |

PICTURE WINDOW

| | |
|---|--|
| HIGH PROFILE | LOW PROFILE |
| <i>Matches Casement and Awning profiles</i> | <i>Has 50% less frame height for more glass area</i> |
| Frame and sash are multi-chambered for added strength, stability and insulation | |
| Standard 7/8" Insulating Glass, optional 1 1/8" triple glazing | |
| Commercial style "blocked" glazing system keeps frame true and square (not shown) | |
| Hidden exterior drainage system eliminates unattractive drain hole covers (not shown) | |
| | |

OPTIONS

ARGON GAS
This invisible, inert gas muffles sound and insulates much better than air.

OBSCURE GLASS

- Pinhead obscure
- Delta obscure
- Sycamore obscure
- Glue Chip obscure
- Silvit obscure

TINTED GLASS

- Grey or Bronze

ENERGY EFFICIENT GLASS

- Soft Coat Low-E

EASY MAINTENANCE GLASS
The exterior of the insulating glass unit is treated with a special coating that reacts with ultraviolet (UV) light to breakdown organic dirt. The loosened dirt can then be washed away without leaving streaks or water marks.

INTERNAL GRILLS
Available in a range of colours, profiles and patterns, these decorative internal grills can be ordered for all Glengrove windows.

SIMULATED DIVIDED LITE (SDL) GRILLS
SDL grills beautifully capture the look of small individual panes of glass. Applied with special tape to interior and exterior glass surfaces, they are guaranteed to not delaminate for the life of the window. Available on all Glengrove windows except the E3000 Series Basement window.

COLOURS: SOLID PVC AND PAINT
Glengrove windows come in two solid colours, White and Cream, as well as a painted exterior finish in 5 popular shades (White interior). The painted finish options feature a state-of-the-art colourizing system for unmatched fade resistance and colour retention. (E3000 Series Basement window available in White only.)



WARRANTIES

LIFETIME WARRANTY

- on all solid colour (White and Cream) PVC components against blistering, peeling, flaking, cracking or fading. Painted windows carry a 12-year warranty.
- on all hardware against defects in material and manufacturing.

LIFETIME PRO-RATED WARRANTY

- on all sealed insulating glass units against seal failure that results in the visible formation of moisture or dirt between the inner and outer panes of glass. Refer to the Glengrove warranty certificate for complete details.

Due to the printing process, colours may vary slightly from actual product.

GLENGROVE WINDOW SYSTEMS COME IN AN WIDE SELECTION OF SIZES AND STYLES. BEAUTIFULLY CRAFTED, THESE INNOVATIVE PRODUCTS CAN ALSO BE JOINED IN ANY CONFIGURATION OR CUSTOM MADE TO SUIT YOUR REQUIREMENTS.

A COMPLETE COLLECTION OF GLENGROVE WINDOWS



SINGLE/DOUBLE HUNG • HALF ROUND • TRAPEZOID • ARCHES • OCTAGONAL • BAYS • BOWS
CASEMENT • AWNING • PICTURE • SLIDER



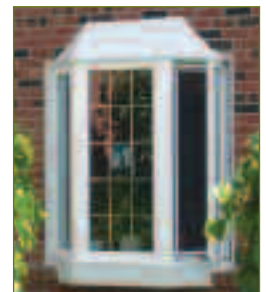
Single/Double Hung Window



Sliding Window



Bow (Casement and Picture combination)



Bay (Casement and Picture combination)

CASEMENT • AWNING • PICTURE WINDOW

Test Data: Tested to CSA A440-00 specifications

| | A (air) | B (water) | C (structural) | Screen | Forced Entry | ER | "UR" | "R" |
|------------------|---------|-----------|----------------|--------|--------------|----|------|------|
| CASEMENT | 3 | 7 | 5 | S1 | F10 | 31 | 0.29 | 3.49 |
| AWNING | 3 | 7 | 5 | S1 | F10 | 30 | 0.29 | 3.50 |
| FIXED PICTURE HP | FIXED | 7 | 5 | N/A | N/A | 35 | 0.29 | 3.44 |
| FIXED PICTURE LP | FIXED | 7 | 5 | N/A | N/A | 38 | 0.30 | 3.39 |

Affiliations & Suppliers:



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