



**WINDOW***FORCE* INC.

P R O D U C T   C A T A L O G U E

[www.windowforce.ca](http://www.windowforce.ca)

Window manufacturer or lifestyle artisan? At Window Force Inc. we'd like to think we're well suited to both titles. Of course, we manufacture windows, but at the same time, we're thinking of the end user and the environment and lifestyle they will enrich. Go ahead, call us sensitive. Window Force Inc. is a Canadian-owned and operated manufacturer that takes pride in its high calibre, state-of-the-art manufacturing equipment. The know-how of a management team with previous experience in the window and marketing industries, is enforced by staff that are established industry professionals.

## Window Manufacturer

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## Forming Relationships

Forming relationships with trusted suppliers, such as Cardinal Glass Industries Inc., expedites the manufacturing process via their dedication and support, whenever required. Similarly, Window Force is devoted to all customer care after sales service concerns or inquiries. It wouldn't seem right to do things any other way.

## Quality Control Testing

In the window industry, products are judged by both form and function. Window Force systems engage in quality control testing, every step of the way. The journey starts with the formation of extrusions that adhere to drawing specifications, followed by corner weld, drainage, and physical testing of each window. Quality control is executed to meet the highest standards, which explains why servicing is rarely required.

## Window Force Inc.

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## Traditional Look

Window Force windows have a traditional look based on the much coveted Colonial style, with a smooth and streamlined look. Designed for Canadian weather extremes—from bitter cold to scorching hot conditions—Window Force windows are validated by CSA and are Energy Star approved for all three North American weather zones.

## Our Customers

With virtually no recalls, our customers can rest assured that they will receive a high-end product with limited issues. In turn, consumer confidence leads to the recommendation of Window Force windows to family and friends—the ultimate measure of customer satisfaction.

So there you have it, Window Force Inc. wants our windows and the lifestyles they enhance, to speak for themselves. The dedication of our experienced management and industry professionals allows us to deliver a finished product that's built with precision and pride. Window Force—window manufacturer or lifestyle artisan? You decide.

## CASEMENT

The casement window offers an unobstructed view and is second only to the fixed window, as the most weather tight solution. The nature of the casement allows it to open outward, with door-like operation, in which opening and closing is facilitated by hinges on either side of the window. The durable, low-maintenance matte finish of this architecturally-inspired window, is available in custom sizes and colours.

The dual-layer, compressible bulb weatherstripping seals out dust, wind and water. The smooth edge overlap screen features a hidden retention system, and is easily removable.

The very nature of the casement window allows for a 90 degree sash opening, via premium hardware for effortless operation, making it easy to clean windows from the inside.

The casement is an especially good choice for any multistory homes. Since the screen is on the inside, it can easily be removed and cleaned, eliminating the need for outdoor access.

The opened sash of a casement can act as a funnel by forcing air into the home and offering excellent ventilation. Depending on the direction of the breeze, opening the window more or less will result in a different angle of airflow.

The innovative folding operator handle nestles into itself, allowing blinds and curtains to flow freely, without hinderance. This makes the awning window a sleek and elegant choice. Available in both double and triple glaze, the Window Force Awning window is designed to meet ENERGY STAR® qualifications.

## Features

- Architecturally inspired, allowing for maximum unobstructed view
- Custom sizing available
- Custom colour or white interior
- Durable, low-maintenance matte finish
- Weathertight and energy efficient
- Dual layer, compressible bulb weatherstripping seals out sediment and water
- Single-actuation handle releases or secures all locking points with one easy motion
- Easily removable smooth edge overlap screen with hidden retention system
- Premium hardware for effortless operation
- 90 Degree sash opening facilitates cleaning of the window exterior from inside



## AWNING

The appealing, modish awning window is similar to a casement, but is hinged at the top instead of the side. Awnings can be placed in areas such as bathrooms because they can be placed high without compromising privacy. Taking advantage of natural light and ventilation, the high placement of this window also allows for the maximum use of wall space, so positioning art and furniture is never an issue. Excellent in damp climates, awning windows protect against moisture and harsh rain. A great way to maximize ventilation without the threat of water entering the home, the awning window is a favourite in basements as well.

Awnings pair up well with fixed windows and are ideal for awkward areas where the available width does not allow for a casement.

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### Features

- Folding, nesting operator handle
- Premium hardware for effortless operation
- Designed to meet Energy Star® qualifications
- Available in both double or triple glaze
- Top-mounted sash hinge allows 45 degree opening from bottom
- Smooth edge overlap screen with hidden retention system



## SINGLE HUNG TILT

The bottom sash of the single hung window moves up to open and allow for ventilation, while the top sash is fixed. Rooms with a view over walkways, porches, or patios, will appreciate this self-contained window whose operation will not interfere with any outdoor living space.

Single hung windows are a desirable choice for homeowners looking to conserve the architectural or historical integrity of their home.

### Features

- 3 1/4" Fusion-welded frame corners, for added strength and durability
- Multi-chambered design insulates and prevents condensation
- Sash tilts in, permitting easy exterior cleaning from inside
- Exclusive contoured profile for a handcrafted appearance
- Weather strip sealing system on the operating sash allows for air and water tightness
- Easily removable pull tab half screen
- Available with double or triple pane glazing options



## DOUBLE HUNG TILT

Both sashes of the elegant, Window Force Colonial inspired double-hung window have the ability to slide up and down for ventilation. This variable operation has made the double hung a favourite among homeowners. Rooms with a view over walkways, porches, or patios, will appreciate this self-contained window whose operation will not interfere with any outdoor living space.

Maintain and prolong the life of your double hung windows by cleaning the glass with water and mild soap, and dusting the track.

With the ability to operate the window from the top or bottom sash, with each sash sliding up or down, you can see why the double hung window is a homeowner favourite.

The tilt-out upper and lower sashes make the double-hung window simple to clean and easily adaptable to air conditioners.

Single hung windows look similar, but only the lower sash opens. Easily customize the amount of ventilation by taking advantage of the multidirectional movement of the double hung window.

Since the double-hung window allows the top and bottom sash to slide up and down, the top portion can be used for gentle ventilation that will not blow papers and other light objects around.

### Features

- Optional night latch offers extra security
- Easily dictate air flow by adjusting top or bottom sash
- Inward-tilting glass makes it easy to clean the exterior without stepping foot outdoors
- Minimal maintenance such as cleaning the glass with mild soap and water, and dusting of the track will prolong window life
- Adapts well to addition of window air conditioners



## SINGLE SLIDER TILT

The sash of a single horizontal slider can open to the left or right. The other half of this window is fixed and does not move. Some homeowners find sliding windows easier and quicker to open than windows with crank-style hardware, such as the awning or casement window.

Rooms with a view over walkways, porches, or patios, will appreciate this self-contained window whose operation will not interfere with any outdoor living space.

### Features

- Sash opens with left or right sliding option
- 3 1/4" Fusion-welded frame corners, for added strength and durability
- Multi-chambered design insulates and prevents condensation
- Full aluminum, reinforced interlocking sash to maximize security and minimize air infiltration
- Exclusive contoured profile affords a handcrafted appearance
- Both sashes tilt in, for easy cleaning of the window exterior from inside
- Weather stripping on both sashes allows for air and water tightness
- Easily removable pull tal full screen
- Heavy-duty cam action locking system provides extra element of security
- Flush mount, low-profile locks provide an unobstructed view
- Available with double or triple pane glazing options
- Favourite for contemporary style homes and popular for meeting bedroom egress requirements



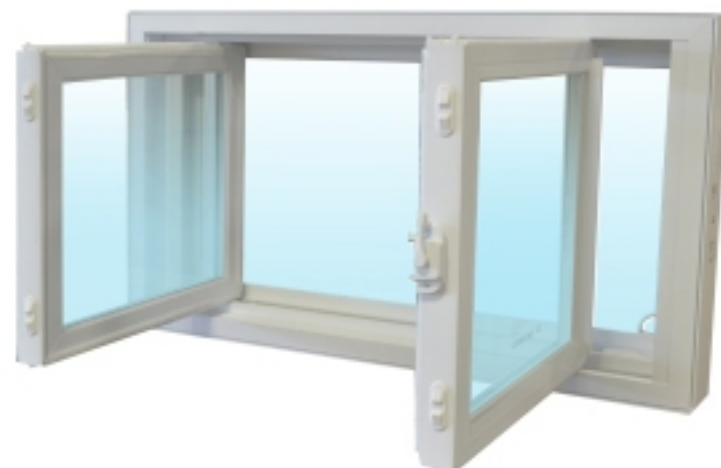
## DOUBLE SLIDER TILT

The simplicity of styling and adaptability to many home window applications, make the double slider a popular choice. Both sashes of the double slider slide horizontally within the frame, and are perfect for areas where large windows allow for an unobstructed view, and where maximum ventilation is required.

Since both sashes tilt in and move, exterior cleaning is made easy and can be done from the inside. The easily removable full screen makes it easy to freshen up screens whenever required.

### Features

- Both sashes slide horizontally within the frame
- 3 1/4" Fusion-welded frame corners, for added strength and durability
- Multi-chambered design insulates and prevents condensation
- Full aluminum, reinforced interlocking sash to maximize security and minimize air infiltration
- Exclusive contoured profile affords a handcrafted appearance
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- Weather stripping on both sashes allows for air and water tightness
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## HIGH FIX OR CASEMENT FIX

Achieve architectural refinement by the effect a high profile fixed window can create. Since these windows are not operational, they are designed to accommodate larger openings, as dictated by the structural frame. The frame is designed to match the size and look of our casement and awning windows, giving your home a uniform look, especially evident when mixing operational and non-operational windows.

Classic contours of the frame are designed to match the size and appearance of our casement and awning windows for an attractive and consistent look and operational versatility for your home.

### Features

- 3 1/4" Fusion-welded frame corners, for added strength and durability
- Multi-chambered design insulates and prevents condensation
- Matches profile size and appearance of casement and awning, for consistency
- Available with double or triple pane glazing options with warm edge spacer
- High profile frame made to match our casement and awning windows for design and operational versatility



## PICTURE FIX / SLIM FIX

Longing for an unobstructed view? The answer is a fixed window, or "picture" window, as it's commonly referred to. Brighten up a stairwell or make it the framework for an unobstructed view, and rest assured that your window is virtually impervious to drafts. Dramatic and stylish, this weathertight, non-operable window solution can be combined with other window types to create bay, bow, and other mixed combinations.

Insulated glass should be considered for energy efficiency and comfort in the home. With a combination of two or more panes of glass, a hermetically-sealed air space between them, insulated glass keeps cold air at bay.

Inert gases, such as argon or krypton, may "fill" the space between panes to improve thermal performance and energy savings.

### Features

- 3 1/4" Fusion-welded frame corners, for added strength and durability
- Multi-chambered design insulates and prevents condensation
- Available with double or triple pane glazing options with warm edge spacer
- Graceful, low profile design and narrow frame, creates a distinctive look and maximizes viewing area
- Unlimited range of architectural shapes and curves, perfect for custom design creations
- Low-profile frame matches slider and hung windows for design and operational versatility



## BAY AND BOW

The addition of a bay or bow window will make any room appear larger and more connected to the outdoors. In fact, many people treat these windows as an extension of their home by adding pillows and creating a cove-like living space that is great for relaxing or enjoying a good read.

Easily customizable to include additional light and ventilating panels, bay and bow windows work well when flanked by casements or single hungs. Any panels of your bay and bow can be operational and tailored to suit your needs.

- The bay window consists of three windows of diverse widths, with more dramatic angles than a bow window.
- A bow window is composed of four or more window panels, joined at equal angles and forming a smoother curve than a bay window.

### Features

- Living space is expanded and can be utilized to taste.
- Easily customizable to fulfill light and ventilation considerations



## SHAPES

Shape windows are the high-fashion alternative of the window world, and are perfect for showcasing any view. From fluid curves to trendy, modern angles, the design possibilities are endless, and the results are stunning. Special shape windows such as portholes, octagons, hexagons and triangles will add charm and elegance to any home.

Arch windows are a popular form of the special shaped window. The bottom half of the window has a traditional, rectangular look, but the real beauty lies in the accompanying arch, or half circle top.



- The contrast between the roundness of the arch and the conservative angles of the window below, make for a chic, modern-day look.
- Special shape windows can be customized further by adding grids, small bars that divide the window into smaller panes.
- The traditional look is achieved by applying grids to both the interior and exterior glass.
- Alternatively, if ease of cleaning is a concern, internal grids placed between the glass is a practical option.

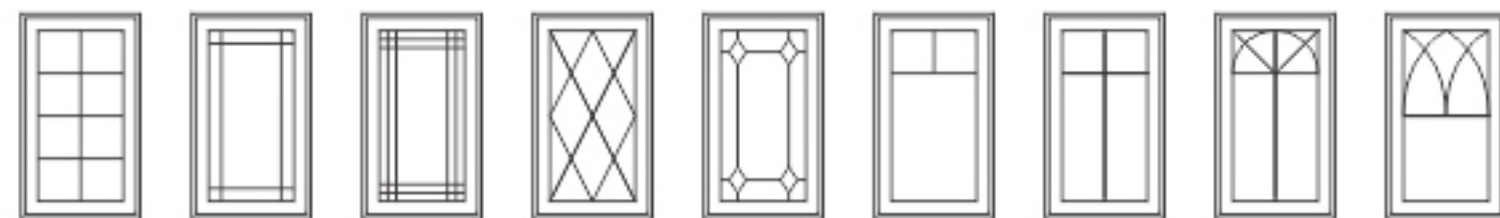
### Features

- Flexibility of size and design to suit space
- Easily customizable grids available on interior and exterior pane, or alternatively, between the glass

## GRILL OPTIONS

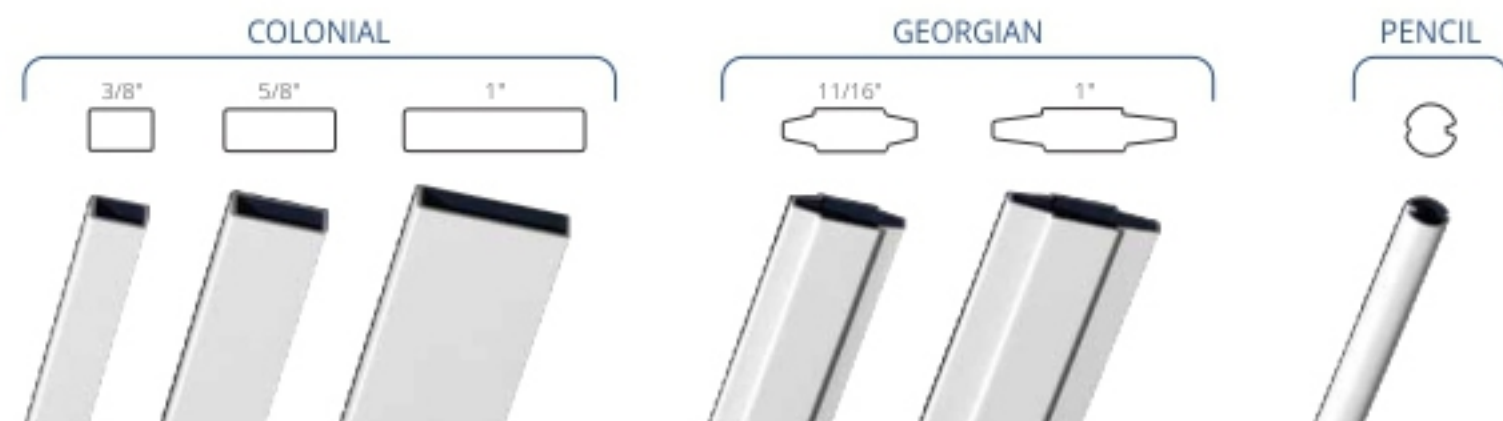
### Grill Patterns

Grills are made in a variety of patterns for your window. These are just a few of the standard patterns. Almost any type of custom pattern is available.



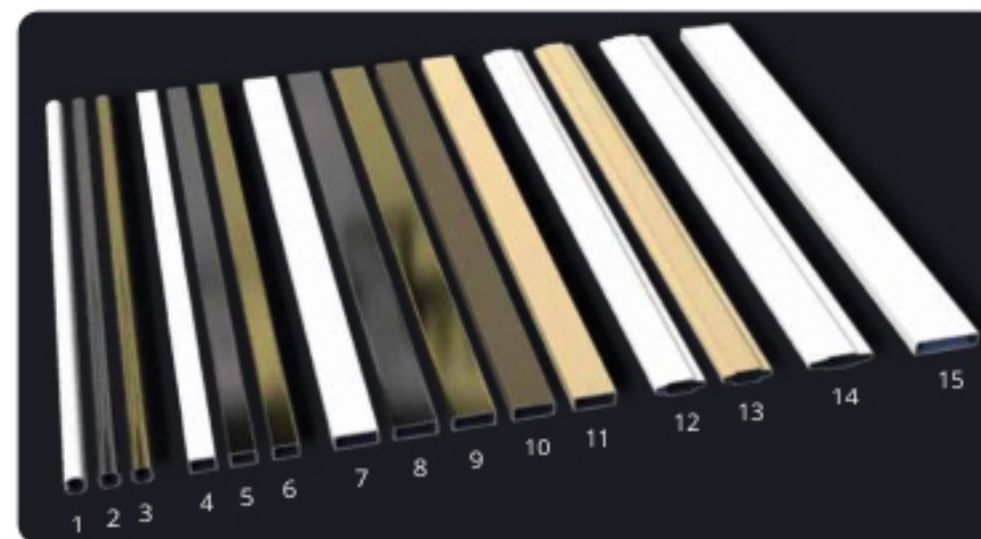
### Grill Styles

There are 3 different styles of grill available, that each come in specific sizes.



### Grill Colours

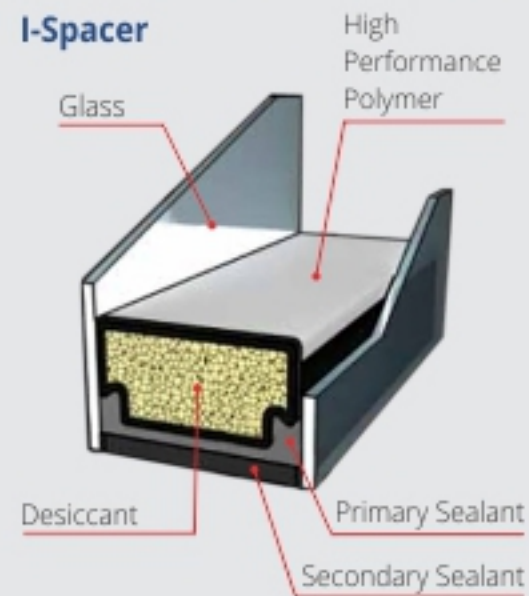
There are a few standard colours for grills, however almost any colour is available, including two-tone; a different colour on either side of the grill to match interior and exterior colours



1. Pencil, White
2. Pencil, Pewter
3. Pencil, Brass
4. 3/8" Colonial, White
5. 3/8" Colonial, Pewter
6. 3/8" Colonial, Brass
7. 5/8" Colonial, White
8. 5/8" Colonial, Pewter
9. 5/8" Colonial, Brass
10. 5/8" Colonial, Sandalwood
11. 5/8" Colonial, Cream
12. 1 1/16" Georgian, White
13. 1 1/16" Georgian, Cream
14. 1" Georgian, White
15. 1" Colonial, White

## SPACER OPTIONS

### I-Spacer

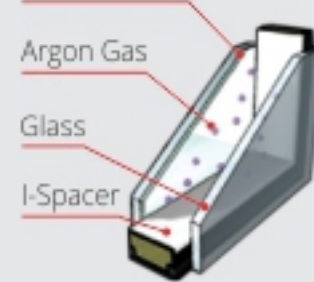


### Cardinal Stainless Steel Spacer



## GLASS OPTIONS

### Low-e Coating



### Standard Double Pane Double Pane

#### Standard Setup

- Low E Coating
- Argon Gas

#### Pro-Clean Setup

- Active Self-Clean
- Argon Gas

#### Pro-Safe Setup (Tripane)

- Tempered Glass
- Laminated Glass
- Low E Coating
- Argon Gas

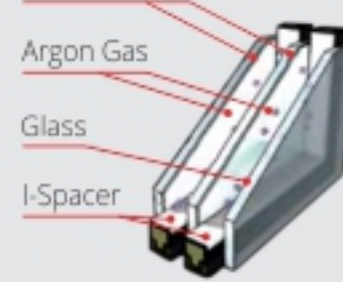
#### Krypton Setup

- Low E Coating
- Krypton Gas (40%.60%.90%)

#### Custom Setups

**\*Important Glass Note:**  
Low E Glass may be substituted for Low E2 with any option

### Low-e Coating



### Standard Triple Pane Triple Pane

#### Standard Setup

- Low E Coating x2
- Argon Gas x2

#### Pro-Clean Setup

- Active Self-Clean
- Low E Coating
- Argon Gas x2

#### Krypton Setup

- Low E Coating x2
- Krypton Gas (40%.60%.90%) x2

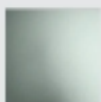
#### Custom Setups

**Note:**  
Some grill sizes will not fit into triple pane setups. Tripane is a good option to combine protection with style.

## PHOTO GALLERY

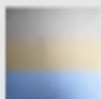


## TINT / FROST OPTIONS



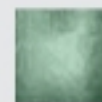
### Opaque

- Standard Frost



### Colour Tints

- Silver
- Bronze
- Blue



### Glue Chip

- Upgraded Privacy



### Sandblasting

- Custom Privacy

## PHOTO GALLERY



## PHOTO GALLERY



## WARRANTY

Window Force warrants its windows against defects in material and workmanship, as specified under this Warranty, occurring as a direct result of the manufacturing process, for the product parts and components during the stated time period, under normal use and service, subject to the terms and conditions contained here in:

| Warranty       | Factory | Customer |
|----------------|---------|----------|
| Up to 25 years | 100%    | 0%       |
| 25 to 30 years | 80%     | 20%      |
| Over 30 years  | 25%     | 75%      |

### 10 YEARS NON-PRORATED LIMITED GLASS WARRANTY

Window Force warrants under normal conditions, material obstruction of vision from film formation or dust collection between the interior glass surfaces will not occur within 10 years from the date of installation.

### CONDITIONS NOT COVERED BY THE WARRANTY

- A) If the material is damaged during handling or installation
- B) Any liabilities of any nature for unsatisfactory performance caused by faulty workmanship in installation.
- C) Any damage caused by settlement of building, failure of structure (including foundation or walls), fire, wind, lightning and other acts of God, intentional acts, or unreasonable use, accidental damage and negligence, improper care, normal weathering or exposure to harmful chemicals or vapors, may over time, result in minor discoloration.
- D) If the unit is cracked, broken or the original 25 years limited warranty has expired.
- E) If the unit is subject to stress resulting from localized heat causing excessive temperature differential over the glass surface or from excessive vibration or moving of the building or its foundations.
- F) If the unit is installed without proper provision for adequate expansion or contraction of the framing members.
- G) Any damage caused by high in home humidity (condensation, frost or mould)

### LIMITATIONS OF MATERIAL, INSULATED GLASS, AND HARDWARE WARRANTIES

Window Force's liability is limited solely and exclusively to repair or replacement of any components that are deemed to be defective. Replacement or repair of the defective parts is carried out at the sole discretion of Window Force. Under no circumstances will Window Force be liable for incidental or consequential charges such as, but not limited to, labour costs for any purpose, inconvenience, damage or injury to persons or to property or any other expense.

### REPLACEMENT PARTS OR REPAIR

Window Force reserves the right to discontinue or change any window as currently manufactured. If Window Force determines to make a replacement under the terms of this limited warranty and an exact replacement part is unavailable, Window Force reserves the right to substitute a part or parts of equal quality at its sole discretion.

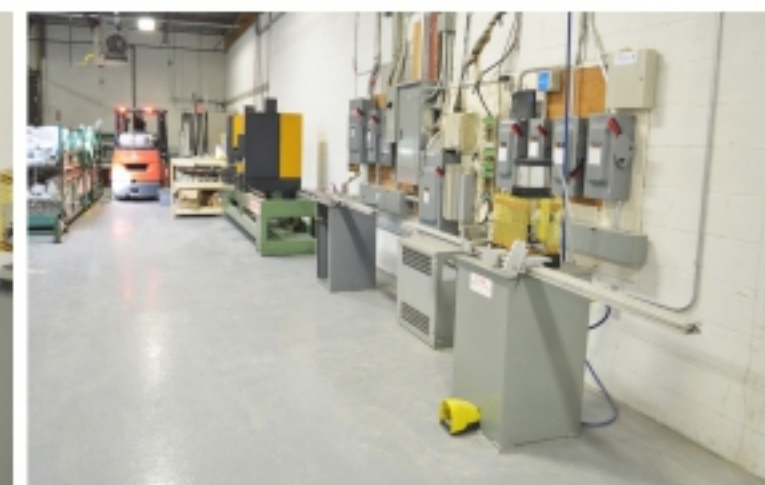
### OBTAINING PERFORMANCE OF THIS WARRANTY

Window Force requires the certificate of installation to be mailed no longer than 30 days from the date of installation. Window Force reserves the right to field inspect a defective part or unit. Upon discovery by the owner of any suspected defective component, the owner shall contact Window Force at the address listed at the top of the warranty. All claims must have the original Window Force invoice number along with the size and style of the problematic window. Defective units or parts must be returned to Window Force at the expense of the purchaser. Replacement parts or units are F.O.B. Window Force's Factory.

### MAINTENANCE & CLEANING

Congratulations on choosing the most advanced window available in today's marketplace. These windows are manufactured to the highest standards using uPVC materials. To clean them, simply use mild soap and water. We suggest you periodically clean any sliding tracks to enable the windows to operate smoothly. For stubborn stains, cleaner such as Fantastic may be used. Do not use harsh abrasives on vinyl. We are confident you will enjoy your windows for years to come. Thank you for choosing Window Force Inc.

WINDOW **FORCE** INC.





# WINDOW**FORCE** *INC.*

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