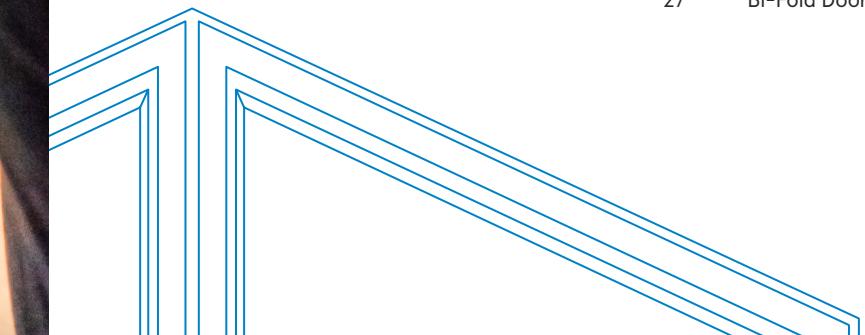
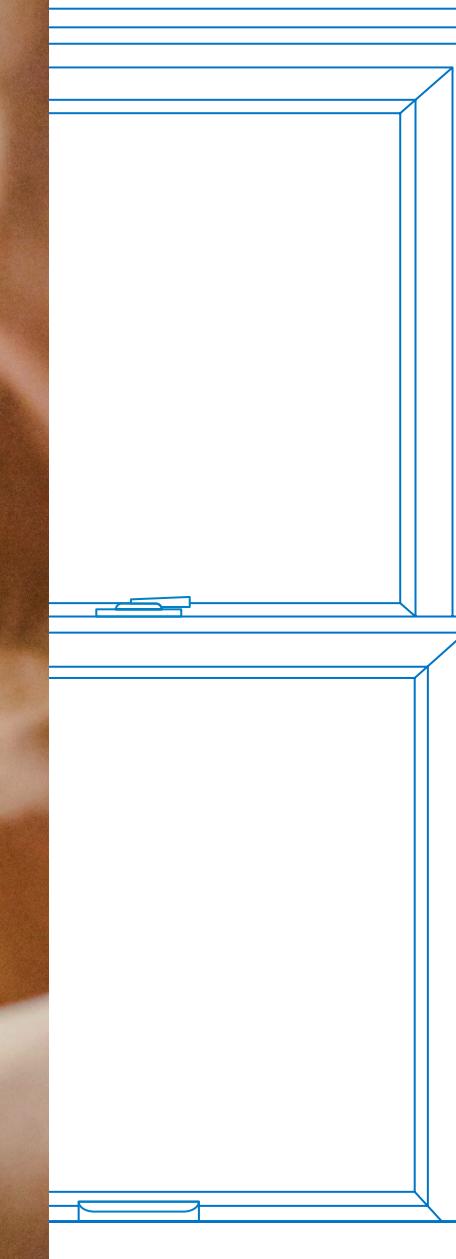




# Owner's Manual Care and Maintenance

**INFINITY®**  
BY MARVIN®



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## INTRODUCTION

# Your guide to Infinity

Thank you for your recent purchase of beautiful, durable, and low-maintenance Infinity by Marvin products.

## HOW TO USE THIS MANUAL

This manual provides the essentials for getting to know your new Infinity windows and doors. Inside, you'll find helpful photos to identify your products, tips for cleaning and care, and answers to common questions. We've also included simple steps you can take to ensure long-lasting satisfaction. If you have questions or encounter an issue not covered here, contact your local Infinity partner or visit [infinitywindows.com/support](http://infinitywindows.com/support) for assistance.

## WARRANTY

Infinity by Marvin is dedicated to delivering products of exceptional quality and value. Our made-to-order approach reflects that commitment, and so does our warranty.

For complete details about your product's coverage, please visit [infinitywindows.com/warranty](http://infinitywindows.com/warranty).

## WARRANTY REGISTRATION

To obtain the Limited Lifetime Warranty, you must register your products with Infinity within 60 days of product installation by completing the Warranty Registration form available at [warranty.infinitywindows.com](http://warranty.infinitywindows.com). You may also register by calling 1-800-372-1072. If you do not register your products within 60 days of installation, you will not receive the Limited Lifetime Warranty; instead, you will receive the 10/20 Limited Warranty.



## HAZARD NOTATIONS

Please familiarize yourself with the following hazard notations used throughout this manual.



### WARNING

Mistake or misuse could result in personal injury and/or severe damage to unit, equipment, and/or structure.



### CAUTION

Mistake or misuse could cause damage to the window or result in faulty installation and unit performance.



### SEEK ASSISTANCE

Help from another individual is necessary to perform the task safely and correctly.



### HELPFUL TIPS

Information on alternative procedures, definitions, and helpful hints.

## ANNUAL CHECKLIST

# Keep your windows and doors operating smoothly with routine care and maintenance

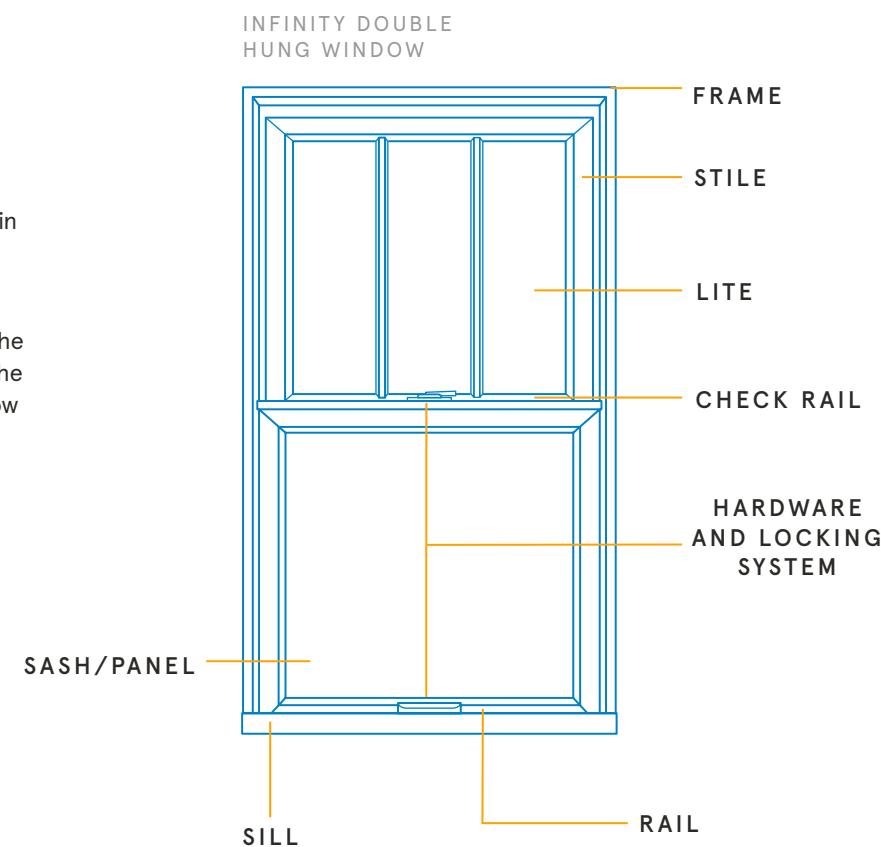
1. Put safety first: Use caution when working on ladders and wear protective eyewear and clothing. Follow local codes or manufacturer instructions when using and disposing of primers, paints, stains, and cleaning solutions.
2. Check weather stripping: Inspect for damage or reduced performance. Your local Infinity partner can advise if replacement is needed. Avoid getting paints, stains, or varnishes on weather stripping, as these can cause damage.
3. Review finishes: Examine the interior and exterior finish of your windows or doors. Regular cleaning and touch-ups help extend their life. (See *repainting/refinishing details on pages 10-12*.)
4. Inspect caulking: Look for loose or cracked caulk around the frame edges. Trim any loose material and reseal gaps with a high-quality caulk.
5. Test hardware: Ensure locks and operating mechanisms work smoothly.
6. Tighten screws: Check exposed hardware screws and tighten if needed.
7. Clean tracks and hinges: Remove sand, dirt, and dust from hinges, sills, and tracks.
8. Wash surfaces: Life happens! Windows and doors get dirty. Clean them with an approved solution listed at [infinitywindows.com/care](http://infinitywindows.com/care).

## PART IDENTIFICATION

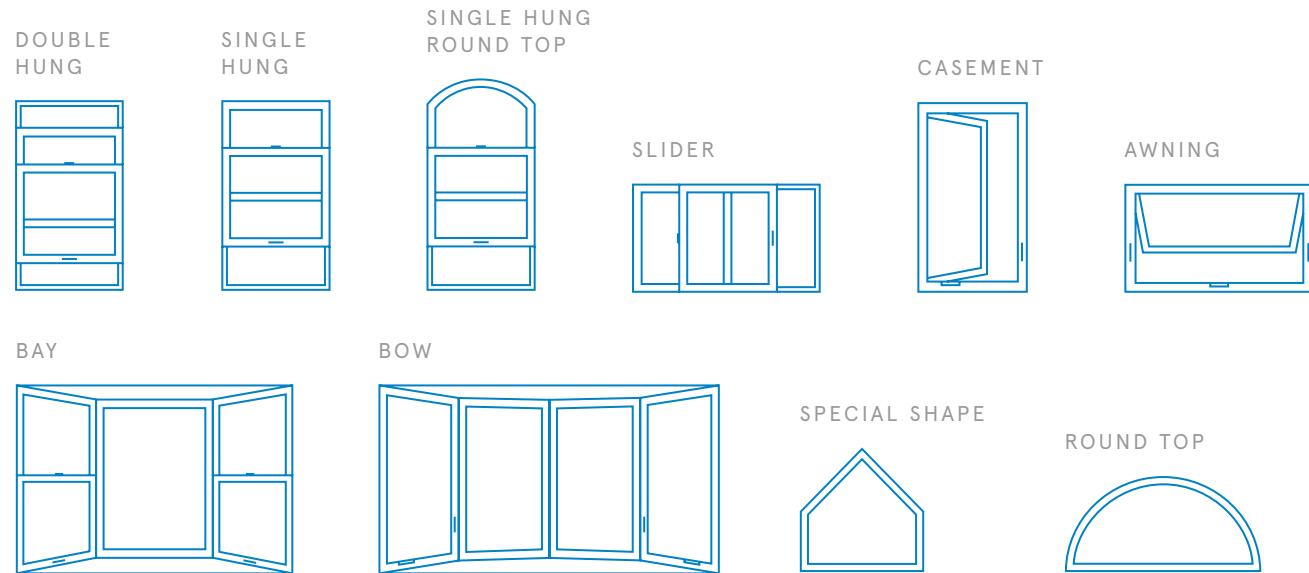
# Windows

In this manual, you'll find operation and maintenance information for Infinity by Marvin windows beginning on *page 15*.

Refer to the product illustrations below for the names of your particular windows, and use the illustration to the right to help identify window components.



## INFINITY WINDOW STYLES



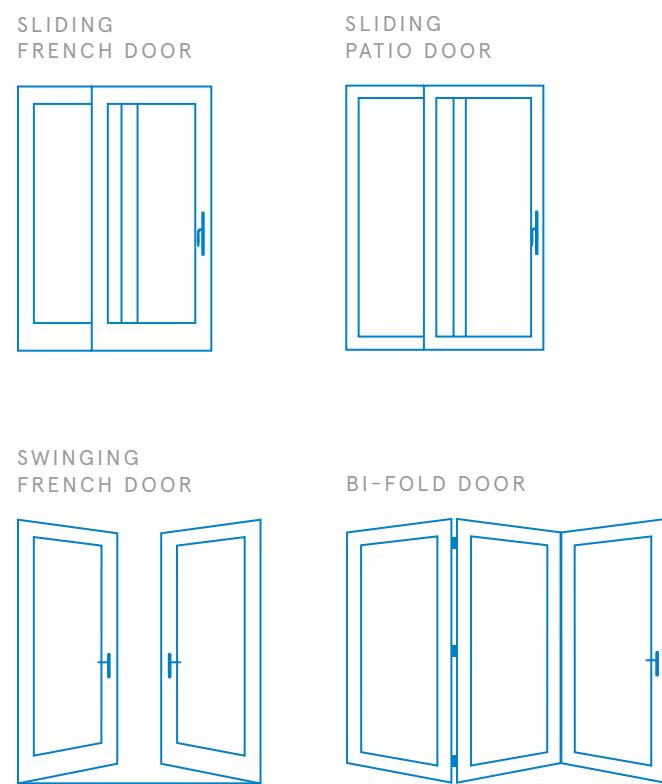
## PART IDENTIFICATION

# Patio Doors

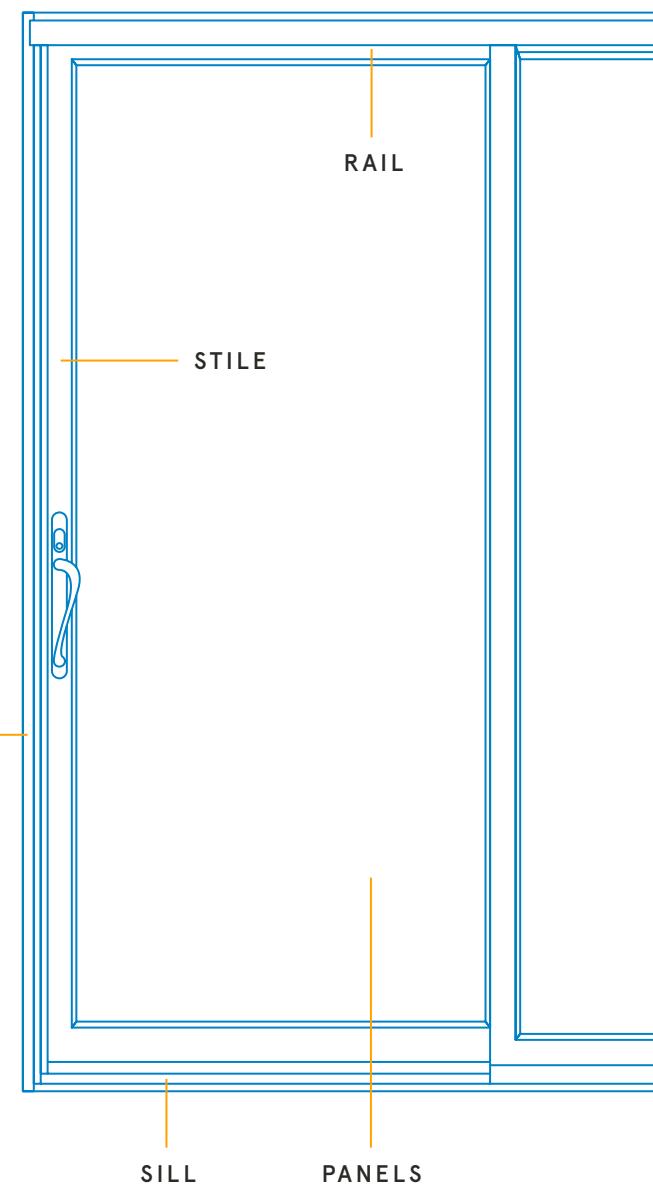
In this manual, you'll find operation and maintenance information for Infinity by Marvin doors beginning on *page 22*. Refer to the product illustrations below for the names of your particular doors, and use the illustration to the right to help identify door components.

Sliding French and sliding patio doors are available in two-, three-, and four-panel configurations. The swinging French door is available in one-, two-, and 3-panel configurations. The bi-fold door is available in up to seven-panel configurations.

## INFINITY PATIO DOOR STYLES



## INFINITY SLIDING PATIO DOOR



# Keep your glass looking and performing its best

## CONDENSATION

Before we dive in, picture a glass of ice water on a warm day. When cold meets warm, condensation forms. The same thing happens with your windows.

During winter, the temperature difference between indoors and outdoors can cause your window glass to have a lower surface temperature than other surfaces in your home. This makes it the first place you'll notice condensation. It's not a defect – it's a sign that your home's humidity needs to be reduced.

Here's why: warm air holds more moisture than cool air. When warm, moisture-filled air touches a cool surface, it loses its ability to hold water. Once it reaches the dew point, moisture condenses on the nearest cool surface – often your windows (or that glass of ice water). Excess humidity is common in newer or recently remodeled homes with tight, energy-efficient construction. For tips on reducing condensation, search online for "window condensation".

## MILDEW REMOVAL

If your home has excessive interior moisture, you may experience some discoloration on various parts of your home, including the lower portions of your windows or doors. This discoloration may be the result of mildew growth and can be removed with an approved cleaning solution found at [infinitywindows.com/care](http://infinitywindows.com/care).

Mildew is a fungus that thrives on warmth and moisture. Mildew growth is usually brown or black in color and may be mistaken for dirt. The presence of mildew can be confirmed by placing a drop of household bleach on the suspected mildew area.

If small gas bubbles develop in the droplet of bleach, mildew does exist and can be removed with an approved cleaning solution found at [infinitywindows.com/care](http://infinitywindows.com/care).

 Wear protective eyewear and skin protection, and keep the area well ventilated.  
Make sure the surface is clean and reapply if the discoloration persists.



## TEMPERED GLASS

Tempered glass is sometimes used on Infinity windows and doors for code or safety reasons. Tempered glass is heated and cooled at an accelerated rate, adding strength and shatter resistance. You may notice a slight amount of distortion – this is normal and due to the tempered glass manufacturing process. The logo in the corner of each piece of tempered glass is required by code and safety regulations.

## GLASS BREAKAGE

 Should the glass in your window or door break, make sure you use the appropriate personal protection equipment to remove the broken glass; eyeglasses or goggles, sturdy gloves, and heavy protective clothing. Dispose of broken glass in a secure container. Failure to properly handle and dispose of glass could result in injury.

\*Contact your local Infinity partner for information on sash or panel replacement.

## CLEANING GLASS

The best method to clean the glass on your Infinity products is to first wet the glass surface with clean water to loosen dirt or debris. Use an approved cleaning solution found at [infinitywindows.com/care](http://infinitywindows.com/care) and apply with a scratch resistant applicator. Immediately after washing the glass, remove all of the cleaning solution with a squeegee and make sure no harsh particles are trapped between the glass and the cleaning material. Window and door gaskets, sealants, and frames are susceptible to deterioration if cleaning solutions are not rinsed and dried after cleaning.

 Do not use razor blades, knives, or scrapers for cleaning glass surfaces.

### DO

- Clean glass when dirt and residue appear.
- Determine if coated glass surfaces are exposed.
- Exercise special care when cleaning coated glass surfaces.
- Start cleaning at the top of the building and continue to lower levels.
- Wash the glass with clean water to loosen dirt and debris.
- Use an approved cleaning solution found at [infinitywindows.com/care](http://infinitywindows.com/care).
- Dry all cleaning solution from window gaskets, sealants, and frames.
- Clean one small window and check to see if procedures have caused any damage.

### DON'T

- Use scrapers of any size or type for cleaning glass.
- Allow dirt and residue to remain on glass for an extended period of time.
- Clean tinted or coated glass in direct sunlight.
- Allow water or cleaning residue to remain on glass or adjacent materials.
- Begin cleaning without rinsing excessive dirt debris.
- Use abrasive cleaning solutions or materials.
- Allow metal parts of cleaning equipment to contact the glass.
- Trap abrasive particles between the cleaning materials and glass surface.

## INTERIOR EVERWOOD® FINISH

# Looks and stains like wood — without the maintenance

Read these instructions thoroughly before beginning to stain or paint your Infinity products.

Once finished, it is very difficult to remove the stain or paint and refinish the unit.

### FINISHING OR PAINTING EVERWOOD

Stainable, paintable Infinity products can feature EverWood, an interior engineered wood grain surface that requires a paint or gel stain finish to be applied before or immediately after installation.

 When applying gel stain or paint finish, avoid contact with plastic or vinyl parts such as weather strip, hardware, handles, or rollers. Stains and paints can cause damage and may require replacement.

### DON'T

- Sand or use abrasive cleaners on EverWood.
- Allow EverWood to come in contact with petroleum distillates such as benzene, toluene, or kerosene.
- Allow EverWood to come in contact with silicon or other adhesives prior to finishing.

### PREPARING AND CLEANING EVERWOOD

Clean the EverWood surface with a damp cloth using warm water. Then wipe down with a dry cloth and allow the surface to thoroughly dry. If the surface has become soiled, try cleaning with an approved cleaning solution found at [infinitywindows.com/care](http://infinitywindows.com/care). Rinse off cleaning residue with warm water and let thoroughly dry.

### APPLYING A HIGH-QUALITY GEL STAIN

Read and follow the gel stain manufacturer's instructions and warnings for application, preparation, and clean up. Apply the gel stain with a brush in the direction of the wood grain on the supplied test strip of EverWood to determine if the gel stain adequately matches your desired finish before applying stain to the unit.

If the stock gel stain applied to the EverWood test strip does not match your desired finish, it is possible to custom mix gel stains by adding colorants or combining colors. The exact process will depend on the brand of gel stain you are using. Infinity recommends contacting a stain/paint specialty store to custom mix a matching color for your application.

After a good match has been obtained on a sample, apply gel stain evenly with a brush to the unit.



CHESTNUT    DARK OAK    MAPLE    DARK MAPLE    CHERRY    MAHOGANY    ROSEWOOD    WALNUT

### APPLYING A PROTECTIVE TOP COAT FINISH

Let the gel stain dry overnight. Test an area to see if the surface is dry by wiping the stained surface with a clean cloth. If stain appears on the cloth, the stain needs to dry longer. After the stain has completely dried, Infinity recommends using a high-quality, water-based polyurethane finish. Follow the finish manufacturer's instructions and warnings for application, surface preparation, and clean up. Use a clean brush to apply a top coat, lightly sand the surface with 400 grit sandpaper taking extra care not to sand through the finish surface, then apply one more coat of finish.

### APPLYING A PAINT FINISH

Read and follow the paint manufacturer's instructions and warnings for application, preparation, and clean up. Test a high-quality latex or oil-based paint applied in the direction of the wood grain on a sample piece of EverWood before applying paint to the unit.



EverWood does not require the use of a prime coat.

One coat of high-quality paint generally provides adequate coverage.

### BARE INTERIOR WOOD

## Finishing or painting bare wood products from the Marvin Elevate® Collection

If you have a brand new, bare wood Elevate door, you must finish it immediately to prevent possible damage to the wood. Make sure the bare wood door interior surface is clean and dry. Remove any handling marks, debris, or effects of exposure to moisture by sanding lightly with fine sandpaper and wiping clean before applying your choice of finish. It is important that you do not paint locks, hardware, weather strip, or jamb liners. Avoid contact with plastic parts and vinyl weather strip; paint and stain can damage these parts.

### PAINTING WOOD

Use only a high-quality, oil-base or latex-base paint. To provide a good adhesion of paint, a compatible prime coat should be applied. Paint with panels opened or removed, and do not close until thoroughly dry. Apply one coat of primer and two coats of top-quality paint according to the paint manufacturer's instructions.



Do not apply paint to the Marvin Elevate Collection factory prefinish without first contacting your Infinity dealer for proper instructions.

### STAINING WOOD

Apply stain according to the manufacturer's instructions. Apply as many coats of stain as necessary to achieve the desired color. After the stain is thoroughly dry, apply at least two coats of finish. Marvin recommends varnish or polyurethane.



Prior to staining natural wood, it is recommended to apply a wood conditioner to obtain a more even finish. Follow manufacturer's instructions.

## Easy cleaning and a finish that lasts

### CLEANING ULTREX FIBERGLASS

Remove dirt by washing with an approved cleaning solution found at [infinitywindows.com/care](http://infinitywindows.com/care) and rinse with water. Clean with a soft cloth or soft brush to remove any bugs, grime, dirt, or dust. Do not use an abrasive applicator or use extreme pressure.

No solvents, paint thinner, or other chemicals of any type are recommended for use with Ultrex, as they may affect the functionality and appearance of the coating.

-  Do not allow naphtha to come in contact with EverWood® material.

### DON'T

- Apply approved cleaning solutions with any abrasive materials or applicators.
- Use a scrubbing action or extreme pressure.
- Use solvents, paint thinner, or other chemicals, as they may affect the integrity, functionality, and appearance of the coating.

### PAINTING ULTREX

You will need to supply:

- 320-400 grit sandpaper
- Masking tape
- Foam painting brush
- Quality exterior grade acrylic latex paint

1. Thoroughly sand the factory finish with 320-400 grit sandpaper.
2. Wash the surface with water and an approved cleaning solution found at [infinitywindows.com/care](http://infinitywindows.com/care) to remove contaminants, rinse with clean water, and dry thoroughly.
3. Mask any window components that will not be painted.
4. Coat the Ultrex with a quality exterior grade acrylic latex paint.
5. Full adhesion of acrylic latex products occurs after seven to ten days of curing.

## Preserve the finish and function of Infinity hardware

### CLEANING HARDWARE

Use a clean, soft, damp cloth to polish and remove fingerprints from window and door hardware. To remove heavier deposits, use an approved cleaning solution found at [infinitywindows.com/care](http://infinitywindows.com/care). Remove traces of water and cleaner and dry thoroughly with a soft cloth. When using any proprietary cleaner, always follow the advice given by the manufacturer.

### DON'T

- Use household cleaners, window cleaning solutions, abrasive cleaners, bleaches, solvents, polishes, or other chemicals unless specifically recommended by the hardware's manufacturer.
- Allow keys, rings, or other sharp objects to strike the hardware.

### PHYSICAL VAPOR DEPOSITION (PVD) FINISH

PVD finishes are available as an option for door hardware. PVD hardware undergoes a state-of-the-art process known as Physical Vapor Deposition. A layer of hard-wearing metals is deposited onto the solid brass substrate, giving it a tough finish to resist fading and discoloration by direct sunlight, humidity, and most other environmental factors, even in coastal areas.

To help retain the appearance of your PVD products for many years to come, a little periodic maintenance is required to remove any atmospheric deposits from the surface of the product.

- Once every two months, clean the surface of the product thoroughly with a non-abrasive cloth and warm water.
- To remove heavier deposits, use an approved cleaning solution found at [infinitywindows.com/care](http://infinitywindows.com/care).
- When using any proprietary cleaner always follow the advice given by the manufacturer in handling cleaning materials.

### SCREEN

## Keeping your screens clean

### CLEANING SCREEN

Remove the screens, lay them on a flat, clean area, and spray off any dust or debris with water from your garden hose. Allow the screens to completely air dry before replacing them in the window or door. If you live in a cold climate, it is recommended that in the winter you remove the screen from your doors. The mesh may collect snow and ice, causing it to sag. Please see individual sections for instructions on screen removal and see page 27 for bi-fold pleated screen instructions.

-  Infinity screens are designed to withstand everyday use. However, screens are not intended to act as a safety device. Do not allow children or pets to sit or play on window sills, or to push against window screens, as this could result in a fall through the window or door opening.

-  Screens are not designed to prevent children from falling out of windows. Keep children away from open windows.

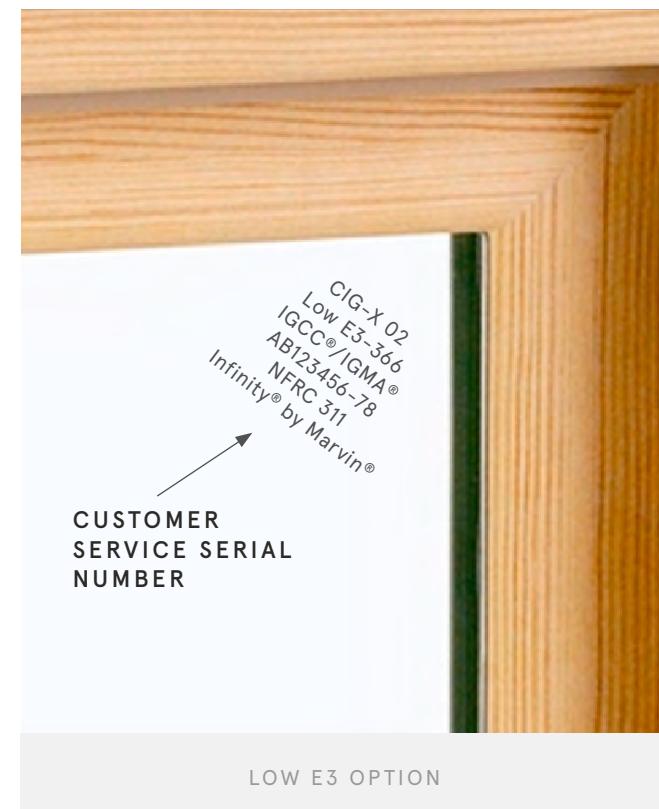
## Taking care of your Infinity windows and doors

Information in this section includes maintenance and operational tips on Infinity products. Read completely through the instructions before beginning to work on your windows to make sure you have any necessary tools and parts.

Exterior finishes on doors can be cared for in the same manner as Infinity windows. See interior and exterior maintenance information. Take care with your door's sill – make sure you prevent damage by not getting any paint, solvent, or chemicals on sills. See individual door sections for any specialized sill care.

If you are having problems not explained in this manual, or continue to have issues, contact your local Infinity partner.

 When contacting your Infinity partner, it may be helpful to provide them with the "Customer Service Serial Number" etched on the upper right corner of the glass.



## Double hung and single hung windows

### OPERATION AND MAINTENANCE

Double-hung windows feature two operable sashes that slide vertically within the frame, while single-hung windows have a fixed upper sash and a movable lower sash. To keep them working smoothly, periodically clean the jamb where the sash slides, using a mild dish detergent to remove dirt and grease. Inspect the exterior caulking on your double-hung windows annually. For helpful videos on proper cleaning and operation, visit our YouTube channel at [youtube.com/infinitywindows](https://youtube.com/infinitywindows).

### HOW TO TILT YOUR DOUBLE AND SINGLE HUNG SASH

To tilt the bottom sash, unlock the unit and raise the sash about 4". Push down on the tilt button located on top of the sash lock base. Rotate the sash lock past the tilt button and ease top edge of bottom sash to a horizontal position.

To tilt the top sash, lower it about halfway. Pull the tilt latches inward (located on the top edge of the sash rail) simultaneously until they clear the unit frame. Gently tilt the top of the sash to a horizontal position.

\*Only the bottom sash will tilt on a single hung window.



## REMOVING DOUBLE AND SINGLE HUNG SASH

To remove the bottom sash, tilt the sash using the same technique described in the previous section. When the sash is in a horizontal position, lift both sides of the sash upward 2-3" (51-76 mm) (raising pivot pins out of each clutch). Now, rotate the sash until pivot pins clear the jambs and remove the bottom sash from the frame.

To remove the top sash, tilt the sash using the same technique described in the previous section. When the sash is in a horizontal position, lift both sides upward 2-3" (51-76 mm) (raising pivot pins out of each clutch). Finally, rotate the sash until the pivot pins clear the jambs and remove the top sash from the frame.

 Larger sized sash can be heavy and awkward to handle.  
To avoid injury, use assistance to remove larger sash.

 Use caution when removing sash with the TriVue™ profile, due to increased weight from additional glass pane.

## REPLACING DOUBLE AND SINGLE HUNG SASH

For the top sash, hold the sash exterior side up with the top rail facing towards you. Rotate and insert the sash so the sash pins clear the frame and place it so the lower sash pin is 2-3" (51-76 mm) above the clutch. Rotate the sash to the horizontal position and lower it down until the pivot pins are fully seated into the clutches. Simultaneously pull in on both tilt latches and tilt the sash up into place. Release the tilt latches and operate the sash to ensure that the sash is operating smoothly. Check sash pivot pins to ensure they are fully engaged in the clutch cams before proceeding.

Repeat above procedures for bottom sash, except retract the sash check rail guides with the tilt button on the sash lock base when installing.



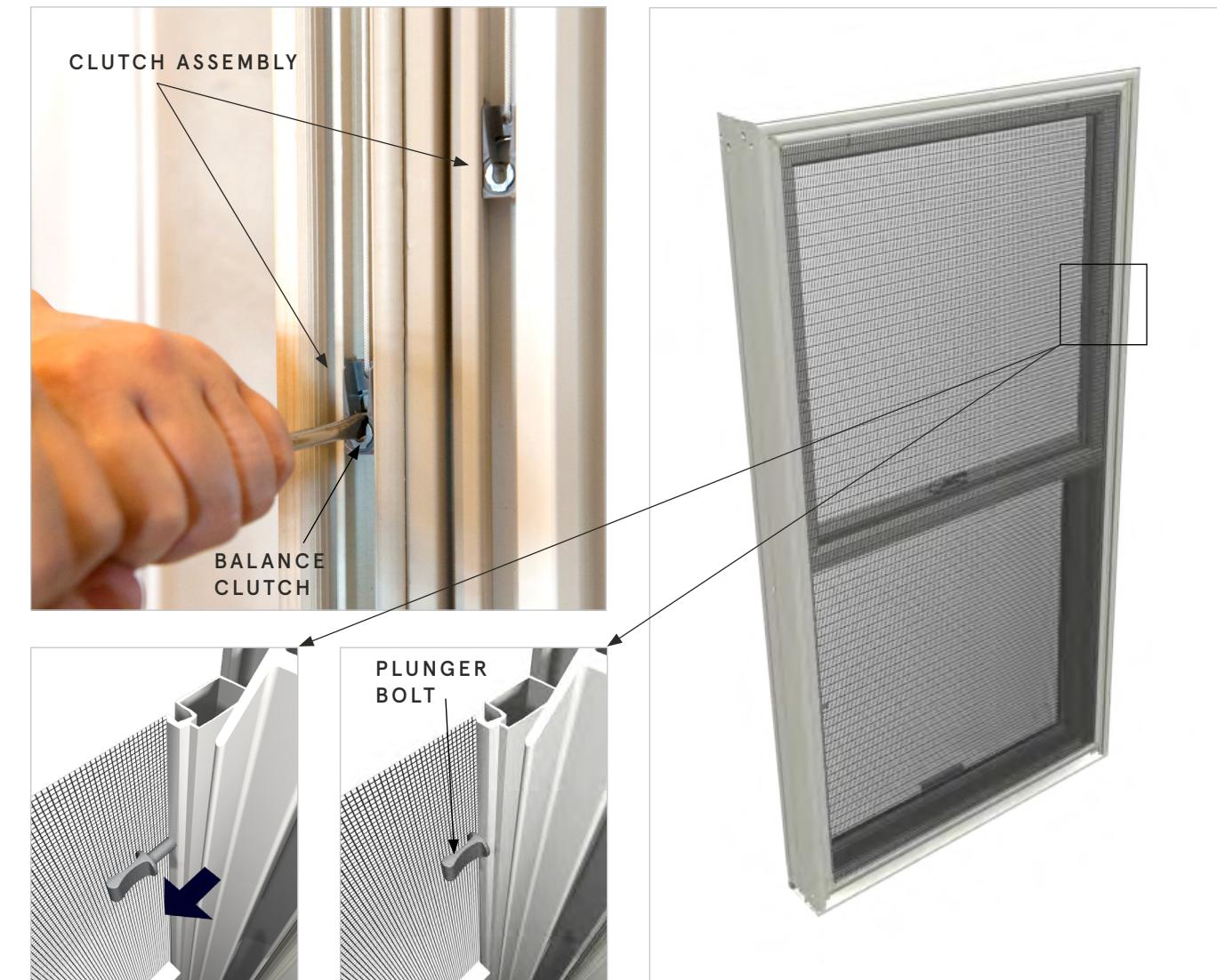
## RESETTING A SLIPPED CLUTCH ASSEMBLY

Measure the clutch dimension from the sill on the opposing balance assembly for the same sash and temporarily mark that dimension on the jamb carrier that contains the released clutch, must be within 1/8" (3 mm). Using a flat screwdriver, rotate the balance clutch cam in the clutch assembly to the released position. Hold the screwdriver firmly and slide the clutch assembly down the jamb carrier to the mark. Rotate the balance clutch cam to the open locked position (cam opening up). Release the screwdriver carefully from the clutch assembly (it must lock in place or damage will occur). Compare clutch heights from the sill for the sash affected. They MUST be within 1/8" (3 mm) of each other or damage may occur when sash are reinstalled, adjust height as needed.

 Clutches are under extreme spring tension.

## REMOVING AND INSTALLING THE SCREEN

To remove the screen, lift up the bottom sash to its fully raised position. Grasp and pull inward on both plunger bolts and push outward on the screen. Grasp the frame of the screen and pull down slightly on the screen until it clears the screen channel. Turn the screen sideways and bring it in through the bottom sash opening. To replace the screen, reverse the above procedure.



# Slider Windows

## OPERATION AND MAINTENANCE

Slider windows (also commonly referred to as a Glider) glide horizontally from the left or right.

Regularly clean the tracks where the sash glides to ensure smooth operation. Remove dirt and grease by wiping the surface with a damp cloth using warm water then dry thoroughly with a clean, dry cloth. For step-by-step videos on proper cleaning and operation, visit our YouTube channel at [youtube.com/infinitywindows](https://youtube.com/infinitywindows).

## REMOVING SLIDER SASH

Slide the operating sash to stationary side of the unit (2"-3" (51-76 mm) from stationary jamb). With latches depressed, located at the top of the sash, tilt the sash inward until it clears the unit frame; lift the sash off the sill track. To replace the sash, reverse the above procedures.

 Use caution when removing sash with the TriVue™ profile, due to increased weight from additional glass pane.

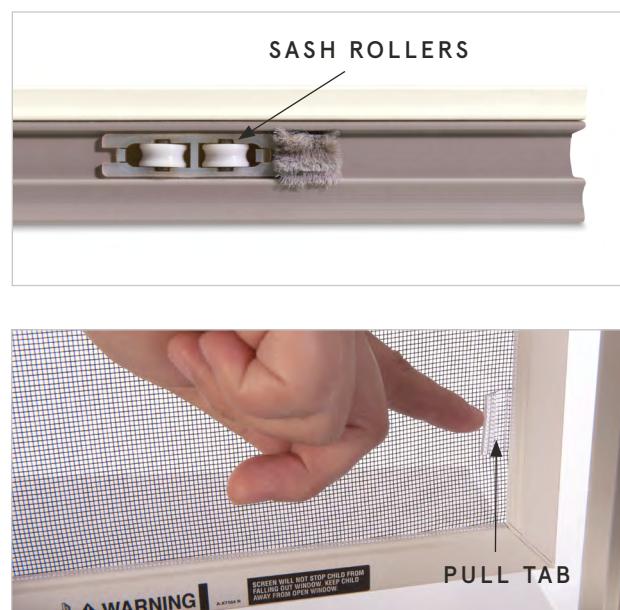
\*Only the operating sash of a slider can be removed from the frame.

## REMOVING AND INSTALLING THE SCREEN

To remove the screen, open the operator sash completely. Grasp the screen pull tabs located on the jamb stile side of the screen. Pull the tabs toward the center of the unit until the screen frame can clear the screen channel. Push the screen out to the exterior and turn diagonally to bring into the dwelling.

Replace the screen with the operator sash completely open and position the screen on the exterior of the window with the springs toward the meeting stile of the unit. Making sure the springs are seated in the screen channel, pull on side tabs until the screen clears the frame. Pull screen in toward the interior until the jamb stile of the screen aligns with screen channel, then release tabs.

\*Pull tab away from frame and then push out.



# Casement Windows

## OPERATION AND MAINTENANCE

Casement windows are side-hinged to swing out from the left or right and crank in and out. The roto-gear is the operating mechanism that opens and closes your casement windows. Your casement lock seals the window tightly closed, so excessive cranking when closing your window does not improve the seal and may damage your roto-gear.

Roto-gears should be lubricated once a year with white lithium grease (available at any hardware store) to keep operation smooth. The hinge joints and locking mechanism should be lubricated on occasion with a silicone-based spray. Be sure to clean off all dirt, debris, or sand before lubrication.

 Excessive lubrication may cause damage to the finish of your window.

Avoid getting oil and solvents on your finish.

Make sure that any excess is immediately removed.

Occasionally clean the sash tracks using a soft-bristle brush to keep them free of debris and ensure smooth operation. If your casement window is narrower than 24 3/8" (721 mm), the roto-gear arms and assembly may differ from standard models. For detailed videos on proper cleaning and operation, visit our YouTube channel at [youtube.com/infinitywindows](https://youtube.com/infinitywindows).

## REMOVING AND INSTALLING THE SCREEN

To remove casement screen, grasp screen clip. Lift upward and draw screen towards you, removing screen from channel.

To install casement screen, place screen into the upper screen channel. Lift upward and push screen tight against frame. Release screen lift to seat screen into place.



# Awning Windows

## OPERATION AND MAINTENANCE

Awning windows are top-hinged and swing out from the bottom. The roto-gear is the operating mechanism that opens and closes your awning windows. Your awning lock seals the window tightly closed, so excessive cranking when closing your window does not improve the seal and may damage your roto-gear.

Roto-gears should be lubricated once a year with white lithium grease (available at any hardware store) to keep operation smooth. The hinge joints and locking mechanism should be lubricated on occasion with a silicone-based spray. Be sure to clean off all dirt, debris, or sand before lubrication.

Excessive lubrication may cause damage to the finish of your window.

Avoid getting oil and solvents on your finish.

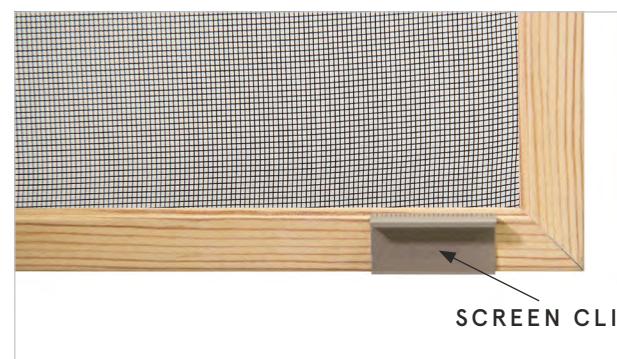
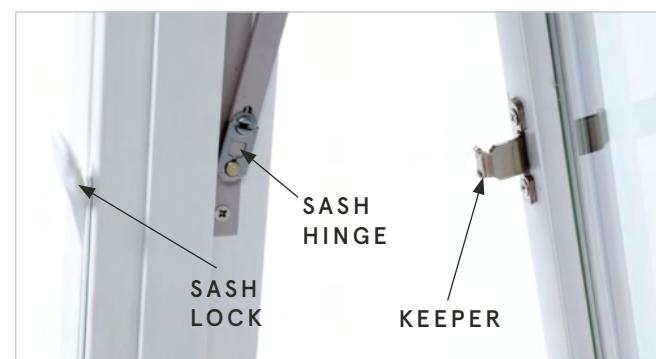
Make sure that any excess is immediately removed.

Occasionally clean the sash tracks with a soft-bristle brush to keep them free of dirt and debris. For step-by-step videos on proper cleaning and operation, visit our YouTube channel at [youtube.com/infinitywindows](https://youtube.com/infinitywindows).

## REMOVING AND INSTALLING THE SCREEN

To remove awning screen, grasp screen clip. Lift upward and draw screen towards you, removing screen from channel.

To install awning screen, place screen into the upper screen channel. Lift upward and push screen tight against frame. Release screen lift to seat screen into place.



# Special Shape and Round Top Windows

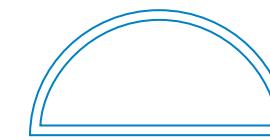
## MAINTENANCE

Most Infinity Round Top and Special Shape Windows, as well as all direct glaze windows, are non-operational, meaning they don't open or close. This eliminates the need for hardware or weather stripping maintenance. Simply clean the glass occasionally and care for the interior and exterior surfaces on the same schedule as your other windows. For helpful videos on proper cleaning, visit our YouTube channel at [youtube.com/infinitywindows](https://youtube.com/infinitywindows).



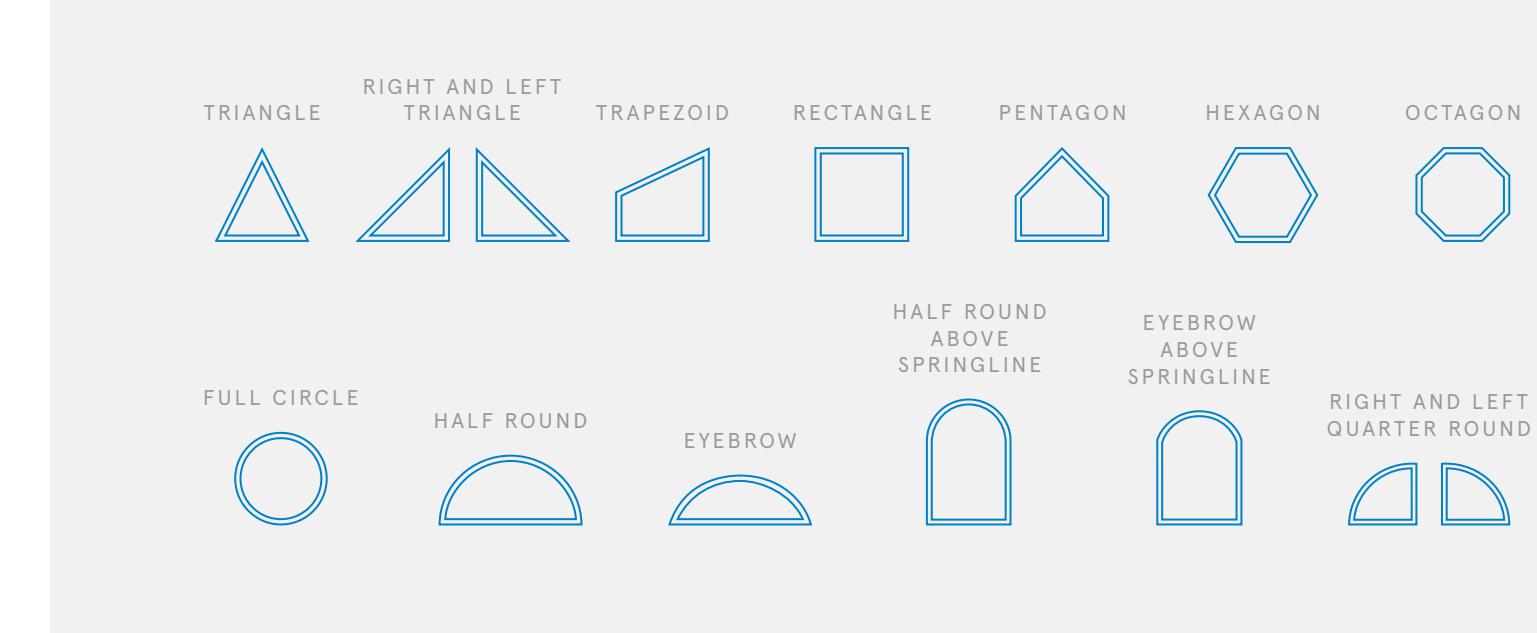
## SPECIAL SHAPE

Infinity Special Shape Windows are fixed windows with the glass glazed directly into the frame. Combine multiple Infinity windows in select shapes and sizes to add natural light and architectural interest to your home.



## ROUND TOP

Add visual interest to a room with the Infinity Round Top Window, available in over 20 round top shapes. Combine light and style by adding an arch window over another window or door.



## CARE AND MAINTENANCE

# Sliding Patio Doors

## OPERATION AND MAINTENANCE

Infinity sliding patio doors, including sliding French doors, glide horizontally and require minimal maintenance to keep operating smoothly. Most issues can be avoided by keeping the sill clean, which ensures effortless movement. Wipe door handles with a damp cloth to remove fingerprints and smudges. Door rollers, locks, and hinges rarely need lubrication, but an occasional spray lubricant can help maintain smooth operation (rollers are located beneath the operating panel). For step-by-step videos on proper operation and care, visit our YouTube channel at [youtube.com/infinitywindows](https://youtube.com/infinitywindows).

If you live in a cold climate, we recommend removing the door screen during winter. Snow and ice can accumulate on the screen mesh, causing it to sag. If you need assistance removing door panels, contact your Infinity partner for detailed instructions or to schedule a service visit.

## PANEL ADJUSTMENT PROCEDURE

If necessary, panel adjustment allows you to make minor adjustments to your Infinity Sliding Patio or Sliding French Door after it has been permanently installed.

You will need to supply:

- Small putty knife
- Flat or Phillips screwdriver

## ADJUSTMENT STEPS

1. Using small putty knife or screwdriver, remove two roller adjustment hole caps from bottom rail of operating panel.
2. Slide operating panel 1/2"-3/4" away from locking jamb.
3. Adjust rollers (to raise/lower panel) by turning adjustment screws with screwdriver.
4. If an even reveal is unobtainable along entire length of panel, ensure locking jamb is shimmed plumb and level.
5. Check panel operation. If satisfactory, replace adjustment hole caps.



## REMOVING THE SCREEN

To remove the screen panel, unlock and partially open the screen door. From the exterior, pry the screen panel guide up with a putty knife starting at one corner. Pull the guide off the track, working your way toward the other end. Once the bottom of the screen panel is completely released from the sill track, pivot the bottom of the screen out and push the top of panel approximately 5 degrees toward the head jamb.

This will release the screen panel rollers from the head jamb screen track. Remove the panel from the door.

To reinstall the screen, hold the screen panel with the top rollers facing you. While tilting the bottom of the screen panel away from the door, lift the rollers into the screen track and pull the panel toward your body to engage the rollers in the track. Make sure the rollers are seated in the track by moving the screen panel back and forth. Once you are sure the rollers are fully seated, pivot the screen panel into position toward the sill and place the bottom screen panel guide into the sill track by lifting it with your fingers or by lifting with a stiff putty knife.

The screen can be adjusted from the interior by loosening or tightening the top roller screw nearest the locking jamb. Adjust the screen so that it is parallel to the locking jamb or casing. An even reveal should be achieved along the entire height of the jamb.



## CARE AND MAINTENANCE

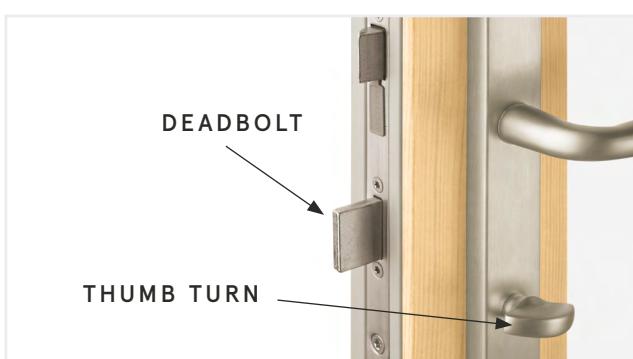
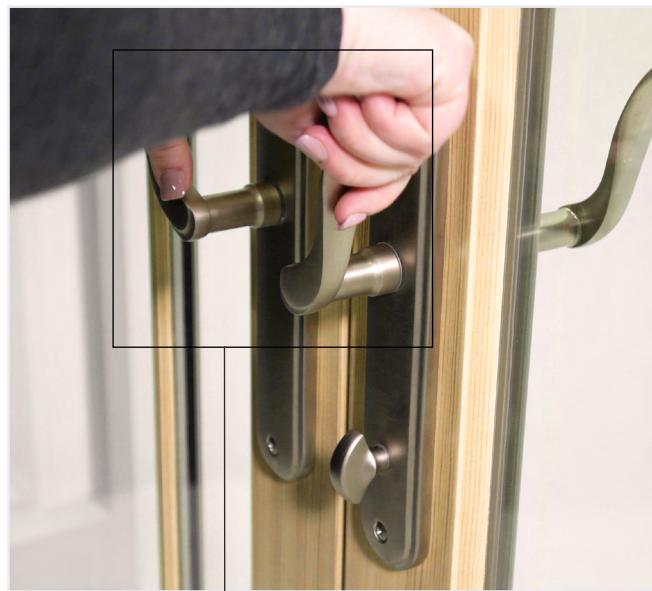
# Swinging French Door

## OPERATION AND MAINTENANCE

Infinity Swinging French Doors require very little maintenance. To keep the sill looking its best, wash it with a mild soap and water solution. If you need to remove door panels, contact your Infinity partner for detailed instructions or to schedule a service visit. For helpful videos on proper operation and care, visit our YouTube channel at [youtube.com/infinitywindows](https://youtube.com/infinitywindows).

## HANDLE OPERATION FOR MULTI-POINT LOCK

Always close and lock your passive panel first and the operating panel (with thumb turn) second. Infinity's multi-point hardware has locking bolts at the head and base of the door. Lifting the handle 45 degrees upward will set the head and foot bolts in place for a secure seal. A 90 degree turn of the key from the outside or the thumb turn on the inside will lock the deadbolt in the handle assembly. When the deadbolt is unlocked, downward pressure on the handles will release the bolts and latch and the door will open. Securely lock by engaging the deadbolt, head, and foot bolts; using only one or the other does not offer full security.



## HINGE ADJUSTMENT PROCEDURE

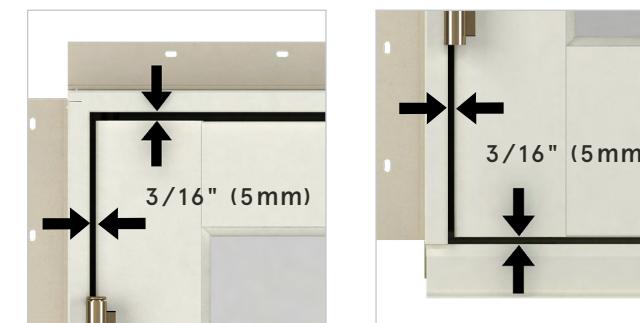
The Infinity Swinging French Door's adjustable hinge system allows you to make minor adjustments after it has been permanently installed.

\*Adjustable hinges are not intended to compensate for an improperly installed unit.

Adjustments should only be made when panel misalignment is visible or causes poor operation of door/lock. Make any adjustments in small increments (one rotation per hinge), starting with the bottom hinge and working up to the top hinge. Repeat the process as necessary adjusting one rotation at a time. Check results, readjust, or proceed as required.

The vertical adjustment screws are located on the bottom of the hinge barrels. The horizontal adjustment screws are located on the face of the hinges. Each screw has an adjustment range of approximately 7 turns.

1. Check panel clearance at sill and head jamb. The panel should have  $3/16$ " (5 mm) clearance at head jamb and at bottom.
2. Align panel vertically as needed by adjusting the screws on the bottom of the hinge barrels. The vertical adjustment screw should be adjusted equal amounts starting with the bottom hinge. Check index mark on hinge to determine amount and direction of panel movement. *See illustration.*
3. Check panel alignment with locking jamb; panel should have  $3/16$ " (5 mm) clearance along the jamb.
4. Rotate horizontal adjustment screw clockwise to decrease, or counterclockwise to increase jamb/panel clearance at the appropriate hinge. If increasing clearance at top, bottom hinge may have to be adjusted to decrease clearance to avoid hinge binding. *See illustration.*

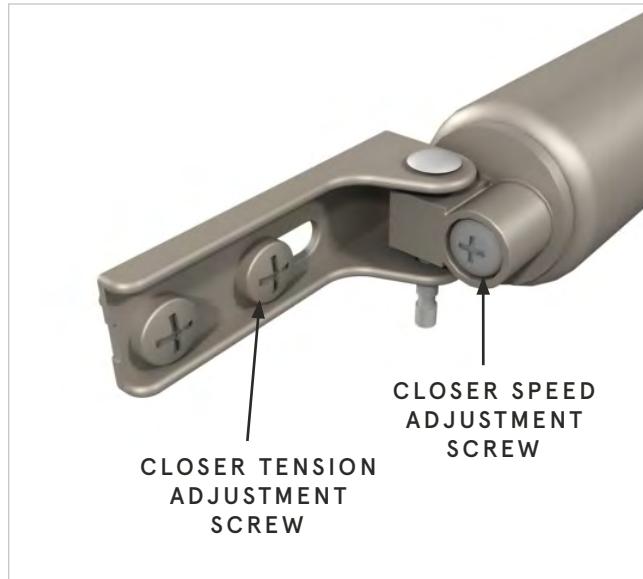


## REMOVING THE SCREEN

If you live in a cold climate, it is recommended that during the winter months you remove the door screen to prevent snow and ice from collecting, causing the mesh to sag.

To remove the swinging screen door, first open the active screen panel and disconnect the auto closer. Remove the #6 x 1/2" screw attaching the closer to the head jamb bracket. Then remove the hinge pins from the active screen panel hinges, remove the panel from the hinges, and store. On configurations with two operating panels, open the passive screen panel and remove the hinge pins in the same manner as the active.

Adjust the closing tension on your swinging screen door by loosening the two screws and attaching the door bracket to the screen panel. Slide the bracket and closer left or right as needed and tighten screws. Adjust the closing speed by tightening or loosening the adjusting screw located at the rear of the cylinder assembly and the door will open. Securely lock by engaging the deadbolt, head, and foot bolts; using only one or the other does not offer full security.



## CARE AND MAINTENANCE

### Bi-Fold Door

#### OPERATION AND MAINTENANCE

Infinity Bi-Fold Doors slide and stack outward, requiring minimal maintenance for smooth operation. Keep the sill clean to prevent most issues and ensure easy movement. Wipe door handles, twin-bolt handles, and magnetic catches with a damp cloth to remove fingerprints and smudges. Door rollers, locks, and hinges rarely need lubrication, but an occasional spray lubricant can help maintain smooth performance (rollers are located on the top between each panel). If your door needs adjustments, contact your Infinity partner for detailed instructions or to schedule a service visit. For step-by-step videos on proper operation and care, visit our YouTube channel at [youtube.com/infinitywindows](https://youtube.com/infinitywindows).

#### HARDWARE OPERATION FOR MULTI-POINT LOCK

Always close and lock your passive panel first and the operating panel (with thumb turn) second. Infinity's multi-point hardware has locking bolts at the head and base of the door. Lifting the handle 45 degrees upward will set the head and foot bolts in place for a secure seal. A 90 degree turn of the key from the outside or the thumb turn on the inside will lock the deadbolt in the handle assembly. When the deadbolt is unlocked, downward pressure on the handles will release the bolts and latch and the door will open. Securely lock by engaging the deadbolt, head, and foot bolts; using only one or the other does not offer full security. See *Illustration on page 24*.

The interior twin bolt handles effortlessly rotate up 180 degrees to unlock and open the door; rotate down to lock and secure. Magnetic door catches protect the panels and hardware when open.

#### PLEATED SCREEN OPERATION AND CLEANING

The bi-fold pleated fabric screen slides open from both sides and can be positioned as desired. Keep the guides clear of debris and wipe screen fabric down with a soft cloth and mild, soapy water. Lightly rinse and allow the screen mesh to dry before closing/retracting. You can register your bi-fold pleated screen with Infinity's Limited Lifetime Warranty within 60 days of product installation. See *page 4* for more warranty details.



# Questions about your new windows or doors?

Infinity products are *Built for life*® and designed to last. Your local Infinity partner is here to help with care, maintenance, or operation tips if you need them. Thank you for choosing Infinity by Marvin — we're proud to be part of your home.

For more information and resources, visit [infinitywindows.com](https://infinitywindows.com).

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