

SPENCER

WALCOTT

NEW CONSTRUCTION & REPLACEMENT VINYL WINDOWS



A MATHEWS BROTHERS Family Product



— **WINDOWS FOR TODAY & TOMORROW** —

Energy-Efficient New Construction and Replacement Vinyl Windows

More Than Just A Window!

Our products were created to stand strong against the elements, and against the test of time. Spencer Walcott New Construction and Replacement Vinyl Windows are specifically designed to meet the discerning needs of architects, builders, homeowners, and the changing needs of the residential building industry. The result is an energy-efficient family of vinyl windows that feature aesthetically integrated window styles, strength and durability.

From new construction to remodeling to replacement, our vinyl windows and patio doors are designed to fit your project plans perfectly. You can count on each one to be durable, energy-efficient and secure. Available in a variety of sizes and shapes.

For a lifetime of trouble-free performance we have chosen a framing material composed of the highest quality PVC. It is formulated to withstand the harsh effects of weather and ultraviolet light, which means no chipping, peeling, cracking, or fading. This environmentally-safe vinyl compound exceeds all required materials standards for strength and color retention established by the American Architectural Manufacturers' Association (AAMA).

Enjoy the same windows years from now, season after season....



Double-hungs, half-rounds, and a picture unit unify this private residence in Mid-Maine.



Spencer Walcott Mathews is regarded as the founding “brother” of Mathews Brothers. In 1854, as part owner of a sash and blinds factory in Belfast, Maine, Spencer was joined by his brother Noah. The two formed N.M. & S.W. Mathews. Six years later, younger brother Sanford came aboard and they changed the name to Mathews & Company. In 1873, the name you know us by, Mathews Brothers, became a staple of Belfast’s industry. Spencer was known for his attention to detail and his love for his company and community. Today, we apply those same principles and that’s why we’re proud to name this product family after Spencer Walcott Mathews.

Learn more at mathewsbrothers.com

Table of Contents

Windows For Today & Tomorrow	2	Insulating Glass Options	18-19	Fixed Unit Standard Sizes & Architectural Details	28-29
Spencer Walcott Styles & Features	4	Performance Tested	20-21	Shape Units Standard Sizes & Architectural Details	30-31
Double- & Single-hung Windows	6-7	Single-Hung Window Standard Sizes & Architectural Details	22-23	Slider Standard Sizes & Architectural Details	32-33
Casement & Awning Windows	8-9	Double-Hung Window Standard Sizes & Architectural Details	24-25	Architectural Wall Details & Casing	34
Bay & Bow Windows	10-11	Casement Windows Standard Sizes & Architectural Detail	26-27	Sliding Patio Door Standard Sizes & Architectural Details	34-35
Picture, Transom & Shape Units	12	Awning Window Standard Sizes & Architectural Detail	27	Environmental Stewardship	35
Horizontal Slider Windows	13				
Sliding Patio Doors	14-15				
Window Customization	16-17				



SPENCER WALCOTT STYLES & FEATURES

Windows for New Construction or Remodel

If you're putting on an addition, building a new home, or creating a new window opening (or using the existing one), this is your chance to make a statement of your own. You'll be amazed at all the styles and configurations available to you.

Windows for Replacement

This is the quickest, easiest way to replace your old drafty windows. You work within the existing window opening/frame, leaving the frame, interior trim, and exterior siding in place.

Worried about matching your existing style? Don't, Spencer Walcott comes in many design options and style configurations.

Lifetime Window Warranty

The Limited Lifetime Warranty applies to any manufacturing defects and/or component failures.

- Covers labor for five years and materials for a lifetime.
- Is transferable to a second owner up to 20 years.
- Features a standard commercial warranty of 20 years.
- Is the best warranty in the business.

For the complete Spencer Walcott warranty, please visit our website at www.mathewsbrothers.com.

Multiple window combinations allow you to make a statement of your own by creating a distinctive window design.

Our awning, casement, transom, picture or double-hung windows can all be used in combination with our specialty window shapes.

Spencer Walcott Family Product Line – Optimum Solutions

Window Features	Poor Solution	Minimum Solution	Optimum Solution
Interlocking Sash	No weatherstripping or interlock at meeting rail	Weatherstripping at meeting rail, no interlock	Weatherstripped interlocking sashes
Glass Package	Single glazed, possibly with storm windows	½" Clear insulating glass, inefficient metal spacer	¾" Clear insulating glass with warm-edge non-conductive spacer
Glass Spacer	None	Heat conductive metal	Duralite® composite
Locks/Keepers	Single "sweep arm" lock, keeper is part of frame	Pop-rieveted "sweep arm" lock, keeper attached to rail	Screwed in "Cam-Action" lock, keeper screwed to rail
Frame/Sash Material	Screwed together wood or aluminum	Screwed together vinyl or clad wood	Fusion-welded vinyl for maximum strength and integrity
Warranty	None or limited	20 years, but for parts only	Lifetime, with initial coverage for labor

This chart states solutions with other window brands. By choosing Spencer Walcott, you benefit from the optimum solution for windows in your home.

See individual style pages or options page for additional information.

Each Spencer Walcott features

- Highest quality vinyl for a lifetime of trouble-free performance
- Full 3¼" jamb depth chambered frame for maximum structural integrity
- Fusion-welded frames and sash for extra strength and durability
- ¾" Insulated glass units with Duralite® warm-edge spacer technology for superior thermal performance
- Available in White or Desert Sand¹. The color goes all the way through the vinyl, so they will not chip, fade or peel when exposed to the outdoors
- Custom made to your specifications
- Backed by one of the industry's strongest warranties – our own exclusive warranty

Double-Hung & Single-Hung features

- Double-hung: Both top & bottom sash move and tilt-in for easy cleaning
- Single-hung: Bottom sash moves up and down and tilts-in for easy cleaning
- Constant force balance

Casement/Awning features

- Casement sash opens completely, so windows can be cleaned easily from inside your home²
- All components are corrosion resistant, providing years of trouble-free operation

- Three layers of weatherstripping assure effective barrier to air and water penetration
- Multi-Point locking system locks sash for maximum security
- Truth Maxim® hardware for easy operation

Horizontal Slider features

- Slider models feature a lift-out sash with heavy duty brass rollers, allowing for even large sashes to glide easily without tipping or sticking
- Roller housing transfers weight of glass directly to frame, reducing stress on sash members
- Independent weep chambers on frame assure effective water runoff
- Stylish beveled exterior matches look of double-hung and casement, to provide a uniform exterior appearance

Picture (Fixed) Units features

- Mulling system allows fixed units to be mullied to any other window
- Equal sight lines assure uniform exterior appearance of all units

Bay/Bow features

- Bay/Bow windows patented no leak capping system, glass, insulated head and seat board
- Preinstalled cable support system

Sliding Patio Doors features

- Integral nailing flange
- Integral J-channel
- 4 9/16" jamb
- 7/8" Tempered clear insulating glass
- Heavy duty extruded screen
- White handle sets

Additional options and features³

- Single-hung, double-hung, horizontal slider, and fixed windows come with a double-wall, integral J-channel designed into the frame, eliminating the cost of an add-on J-channel while providing a pleasing "beveled" exterior look
- Multiple casement units made with single frame construction
- Full range of geometric shapes and transoms provide a wide range of architectural choices
- Low-E glass and/or Argon gas fill reduces energy costs
- Available in colonial, prairie and custom grille patterns with flat or contour shaped muntin bars
- Additional exterior finish colors are available
- Several exterior casing choices

¹Desert Sand is an optional color
²Does not apply to egress hardware

³See pages 16-19 for additional options



DOUBLE- & SINGLE-HUNG WINDOWS

Double-Hung Windows

Traditional, classic, durable – double-hungs give you all of that plus energy efficiency and peace of mind. Top and bottom sash operate smoothly allowing you to control air flow, and they both tilt-in for easy cleaning and care. Grilles can be added to further enhance the traditional look of your home.

Standard features

- 3/4" insulating glass with Duralite® warm-edge technology
- Integral nailing fin [new construction only]
(Frames come with integral nailing fin that can be easily removed for replacement purposes)
- Integral 3/4" J-channel (available with or without)
- Fusion-welded frame and sash for added strength
- Constant force balance system
- White interior and exterior color
- Pre-sloped sills for water runoff
- Color matched hardware (white or desert sand)
- BetterVue™ insect screen

Single-Hung Windows

Our single-hung windows are built with a fixed top sash, while the lower sash moves up and down to allow ventilation. In addition, the bottom sash conveniently tilts-in for easy cleaning. Fixed meeting rail interlocks with operating sash to minimize air infiltration.

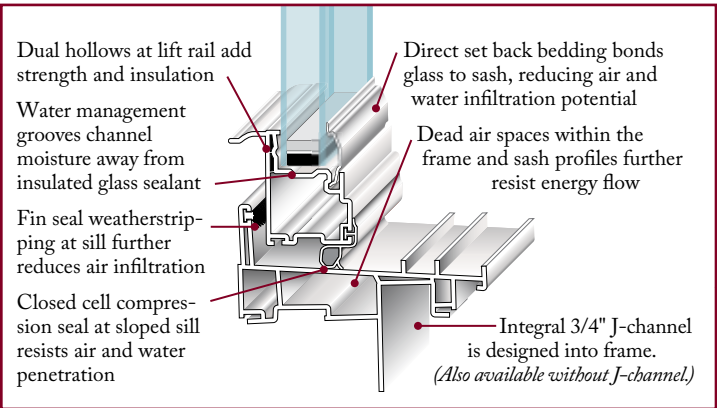
Additional features

- Non-corrosive hardware includes a lifetime of trouble-free performance, no matter what the environment
- Lock action draws sashes closer together for positive lock
- Interlocking Meeting Rail: Integral interlock provides additional security

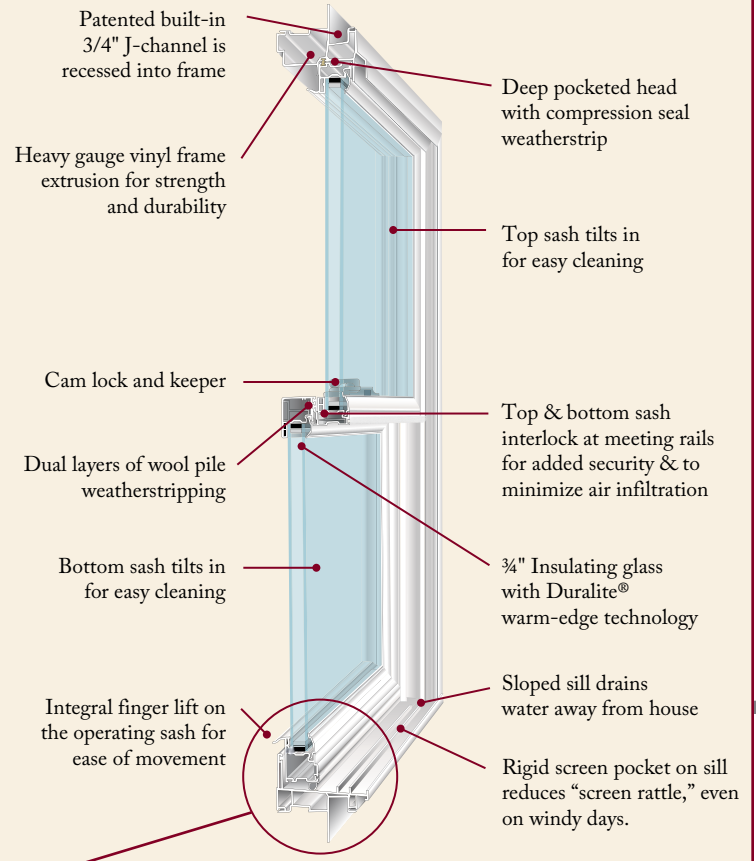
Optional features*

- Desert Sand interior and exterior color
- Grilles available as GBG or SDL (see page 16 for details)
- Low-E glass
- Argon gas filled
- Exterior trim/casing: Flat, Brickmould (908), or Banded
- Pediment Heads (Crossheads)
- Custom exterior color finishes

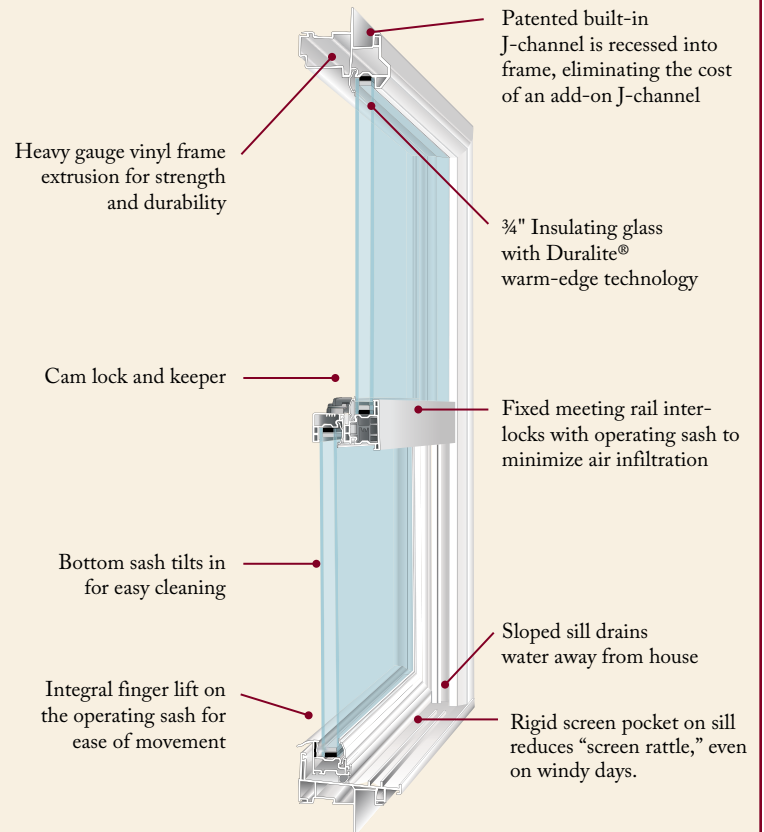
*Common options listed see pages 16-19 for additional information.



Double-Hung Features



Single-Hung Features



Exterior View



Double-hung shown with GBGs



Single-hung shown with GBGs



Easy Operation & Cleaning
Tilt-in Sash
(double-hung shown)



□ CASEMENT & AWNING WINDOWS

Casement Windows

They are our most energy-efficient operating product unit, featuring 3/4" insulating glass and a single lever multi-point locking system that keeps the sash tightly sealed in multiple locations. You'll be able to open and close your windows with ease, thanks to our smooth low gear operator. And, our sashes open completely (non-egress), so windows can be cleaned easily from inside your home. Our top rated hardware system allows even the largest casement to be effortlessly and smoothly operated.

Awning Windows

An awning window is hinged at the top and opens out from the bottom which keeps out the rain but lets the fresh air in. Use alone or in combination with casement, picture, or other awnings.

Standard features

- 3/4" insulating glass with Duralite® warm-edge technology
- Integral nailing fin (available with or without)
- Integral 3/4" J-channel (available with or without)
- Fusion-welded frame for added strength and durability
- White interior and exterior color
- Pre-sloped sills for water runoff
- Color matched hardware (white or desert sand)
- BetterVue™ insect screen (on operating units)

Additional features

- Casement sash opens completely¹, so windows can be cleaned easily from inside your home
- All components are corrosion resistant, providing years of trouble-free performance
- Multi-Point Locking System for the utmost security

- Three layers of weatherstripping assure effective barrier to air and water penetration
- Top rated hardware system allows even the largest casements to be effortlessly and smoothly operated

Optional features*

- Desert Sand interior and exterior color
- Add-on J-channel
- Grilles available as GBG or SDL (see page 16 for details)
- Low-E glass
- Argon gas filled
- Exterior trim/casing: Flat, Brickmould, or Banded
- Pediment Heads (Crossheads)
- Custom exterior color finishes

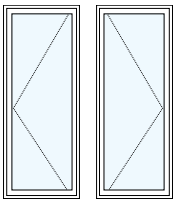
¹Unless egress hinge is used.

*Common options listed see pages 16-19 for additional information.

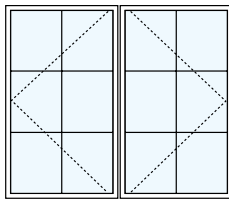


Common Configurations

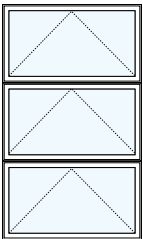
As viewed from exterior



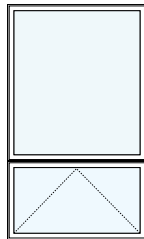
Single Casements
(left and right)



Twin Casements

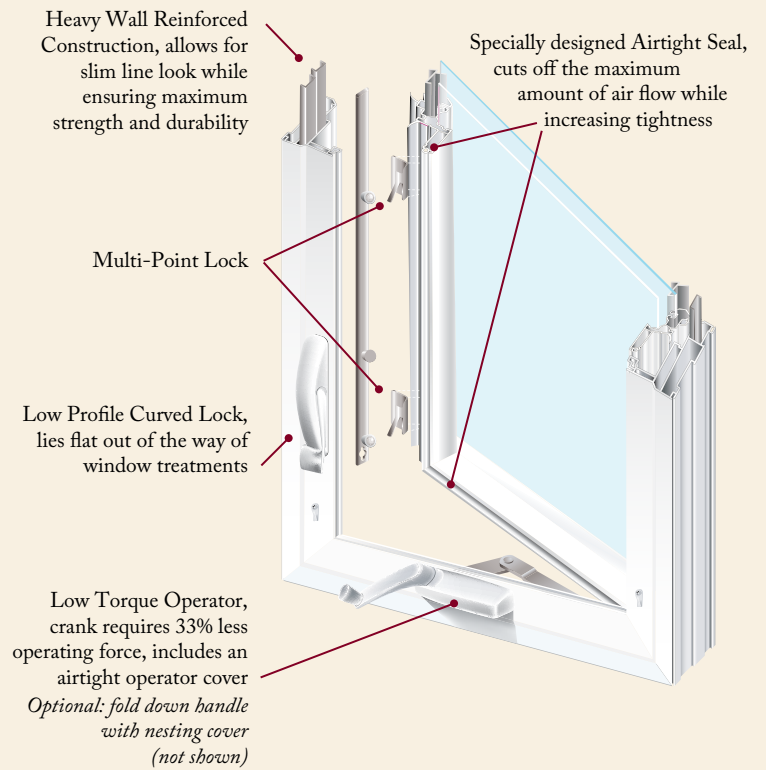


Awnings



Casement Fixed Unit
with Awning below

Casement Features



Optional: add on J-channel (not shown)

Please note: nailing fin not shown



BAY & BOW WINDOWS

All of our high quality bay and bow windows come with the features and benefits of our other vinyl windows. Standard on each window is our energy-efficient Envirosealed® insulating glass package. Features such as insulated head and seat boards (finished in birch), allows for maximum weather protection while providing added living space. Architectural beauty is increased by our minimal amount of exposed caulking and even sight line to maximize the external appearance.

Bays and bows can be customized to complement any home's architecture. Choose from a variety of available configurations and widths. Center and end vents are available as picture window, double-hung, single-hung, or casement in the combination of your choosing. Jamb widths can also be customized to suit your every need.

All of our bays and bows are easy to operate and maintain, and are backed by the best warranty in the business – our exclusive Limited Lifetime Warranty.

Standard features

- 3/4" insulating glass with Duralite® warm-edge technology
- Highest quality vinyl for a lifetime of reliance and trouble-free performance
- Fusion-welded frame for added strength and durability
- White interior and exterior color
- Color matched hardware (white or desert sand)
- BetterVue™ insect screen (on operating units)

Additional features

- Custom made to fit your specifications
- Insulated mullions to minimize cold spots

- Preinstalled cable support system
- Patented no-leak capping system
- Insulated head and seat board

Optional features*

- Desert Sand interior and exterior color
- Grilles available as GBG or SDL (see page 16 for details)
- Low-E glass
- Argon gas filled

*Common options listed see pages 16-19 for additional information.

Casement bow window with grilles between glass in colonial pattern.

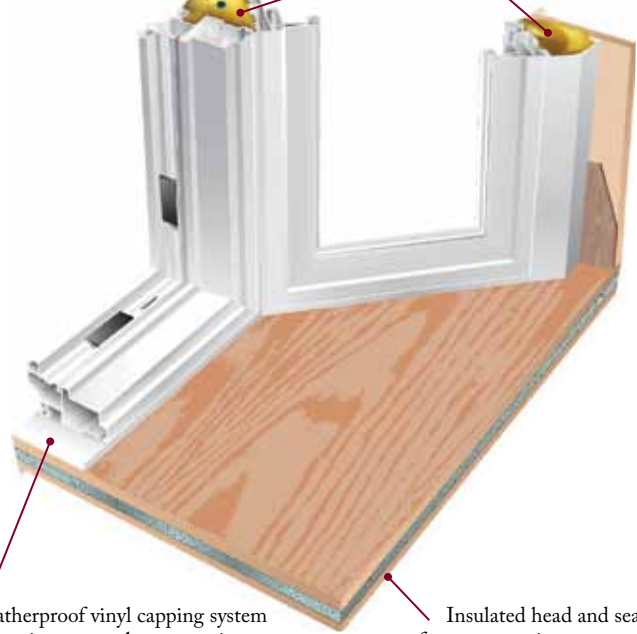
Bay and bow units are designed to perfectly match all your windows, providing the same comfort and confidence in your home.

Able to match any custom need, bays and bows are the perfect choice for your home.

Bay/Bow Features

Adjustable suspension system allows for maximum support and precision adjustment

Insulated mullions minimize cold spots and drafts

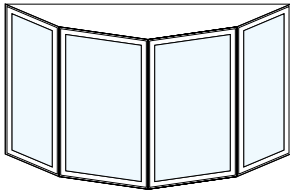


Weatherproof vinyl capping system for maximum weather protection and minimal maintenance. White melamine laminate to exterior and continuous precaping

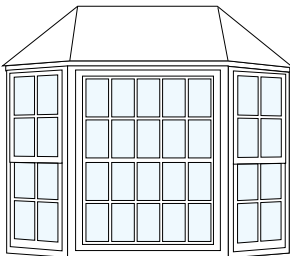
Insulated head and seatboard for greater resistance to cold and condensation. Stainable grade wood veneer

Common Configurations

As viewed from exterior



Bow windows are made of windows at 10° and 15° angles



Bay windows are made of windows at 30° and 45° angles



Double-hungs make up this bow window, with double-hung to right.



PICTURE, TRANSOM & SHAPE UNITS

Picture and Transom Units (Fixed Units)

Whether using alone or in combination with other window styles, picture windows add dramatic styling while bringing light into your home.

Transom units can be used alone or over another straight window or door or under a shape.

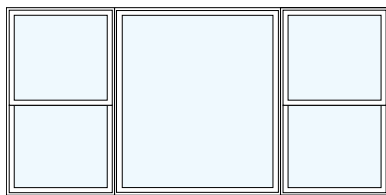
Architectural Shapes

Shapes are available in two styles – straight and radius.

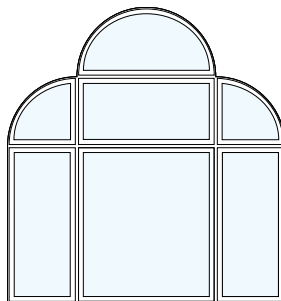
- Trapezoid
- Triangle
- Half-Round
- Quarter-Round
- Eyebrow
- Extended Arch
- Elliptical
- Half-Oval
- Oval
- Circle
- Octagon
- and more

Common Configurations

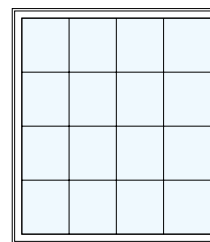
As viewed from exterior



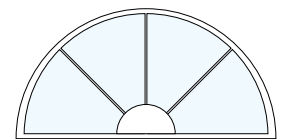
Double-Hung | Picture | Double-Hung



Window Wall



Picture



Half-Round with starburst pattern

Standard features

- 3/4" insulating glass with Duralite® warm-edge technology
- Highest quality vinyl for a lifetime of trouble-free performance
- Integral nailing fin (new construction only)
- Fusion-welded frame for added strength and durability
- White interior and exterior color
- Pre-sloped sills for water runoff

Additional features

- Independent weep chambers on frame assure effective water run-off

Optional features*

- Desert Sand interior and exterior color
- Grilles available as GBG or SDL (see page 16 for details)
- Low-E glass
- Argon gas filled
- Exterior trim/casing: Flat, Brickmould, or Banded

*Common options listed see pages 16-19 for additional information.

Double-hungs, picture units, quarter-rounds, and extended arches, all with colonial grille pattern.



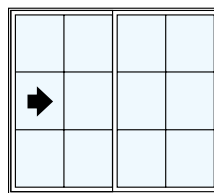
HORIZONTAL SLIDER WINDOWS

What a wonderful way to usher in the great outdoors. You'll find the horizontal sliders are the best value in our impressive line of new construction or replacement products, featuring Envirosealed® insulated glass units.

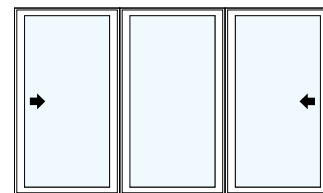
Our glide-easy sliders are especially recommended for high traffic areas, such as over a deck or walkway, because they don't open into outdoor activities. Both sashes easily lift out for easy cleaning. You can choose between right or left vents and a variety of sizes and custom configurations. Sliders feature independent weep chambers on frame to assure effective water runoff.

Common Configurations

As viewed from exterior



Single Slider



Equal Lite Dual Slider with Picture

Single horizontal sliders with screens.

Standard features

- 3/4" insulating glass with Duralite® warm-edge technology
- Highest quality vinyl for a lifetime of trouble-free performance
- Integral nailing fin (new construction only)
- Fusion-welded frame for added strength and durability
- White exterior and interior color
- Pre-sloped sills for water runoff
- Color matched hardware (white or desert sand)
- Full BetterVue™ insect screen

Additional features

- Two sets of double-wheeled brass rollers transfer weight of glass directly to frame reducing stress on sash members
- Rollers glide on integral track system allowing for effortless fingertip operation

- Independent weep chambers on frame assure effective water runoff
- Dual Sliders, both sashes lift out for easy cleaning

Optional features*

- Desert Sand exterior and interior color
- Grilles available as GBG or SDL (see page 16 for details)
- Low-E glass
- Argon gas filled
- Exterior trim/casing: Flat, Brickmould, or Banded
- Pediment Heads (Crossheads)
- Custom exterior color finishes

*Common options listed see pages 16-19 for additional information.



SLIDING PATIO DOORS

The insulated glazing in our vinyl sliding patio door is constructed using warm-edge technology, as well as tempered safety glass, so it holds up to the weather while allowing you to experience the beauty of the great outdoors.

Constructed from low-maintenance vinyl extruded materials the frame and panels are welded at the corners during assembly to provide a product superior in strength, performance, and appearance. Reinforcement is used at the meeting stiles, and at the lock points of the frame and panel for added rigidity and strength.

Standard Door features

- 7/8" tempered clear insulating glass
- White interior and exterior color
- White die cast handle set
- Integral nailing flange and integral J-channel
- 4 9/16" jamb
- Fusion-welded joints
- Heavy-duty extruded insect screen

The sliding door operates smoothly on heavy duty steel tandem rollers and is secured with color matching die cast handle sets or optional polished brass hardware.

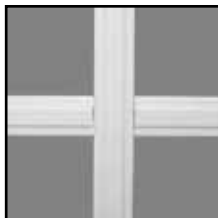
The glide screen is made from heavy extruded aluminum framing, fiberglass mesh screening and operates easily on steel rollers.

Spencer Walcott vinyl sliding patio doors are available as two-, three-, or four-panel, in standard and custom sizes; with either left or right operating panel. Available with or without grilles.

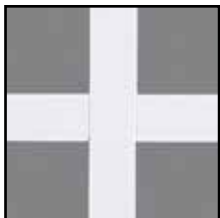
Optional features

- Grilles: Colonial or Prairie Style, available in matching White or Desert Sand
- Tempered Low-E glass
- Argon gas in air space
- Stainless steel rollers for door panel
- Desert Sand color with matching handle sets
- Exterior keylock
- Polished Brass keyed or non keyed handle
- Transoms and sidelites
- Custom exterior color finishes

Grille Options (color matched)



5/8" Contoured GBG
(Grilles Between Glass)



5/8" Flat GBG
(Grilles Between Glass)



7/8" Contoured SDL
(Simulated Divided Lite)

Hardware Options



White Handle Sets
(standard on white)



Brass Handle Sets
(on opt. desert sand)

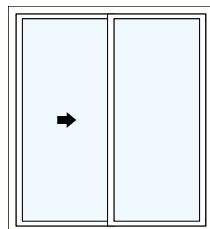


Exterior Keylocks
(on white & desert sand)

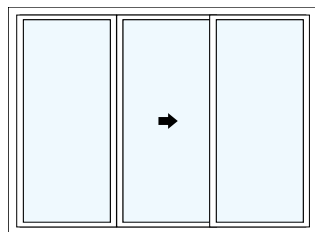
*Maximum glass area
to capture the light,
while conquering the elements.*

Common Configurations

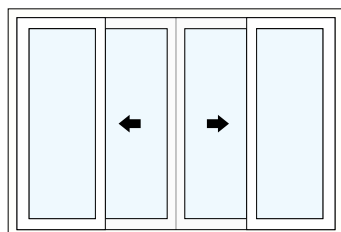
As viewed from exterior



Two Panel Door



Three Panel Door



Four Panel Door



Patio door with grilles between glass (GBG) colonial pattern and optional brass handle set.

WINDOW CUSTOMIZATION

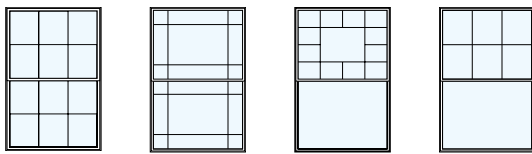
Distinctive Window Design

Further that design with a custom or standard grille pattern, either with Grilles Between Glass (GBG) or Simulated Divided Lites (SDL). By placing a variety of design patterns within the glass, GBGs offer an attractive and low maintenance artistic option. Traditional window grilles can be replicated by means of SDL dividers which are permanently attached to both the interior and exterior glass.

Continue the traditional look with horizontal Pediment Heads (also known as Crossheads) added to the outer casings of windows. Pediments are often used in tandem with other architectural trim items like Pilasters, and provide outstanding visual improvement without breaking the bank.

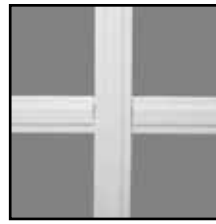
With the many optional exterior paint colors available you can truly make a unique statement to your home or office.

Common Grille Configurations

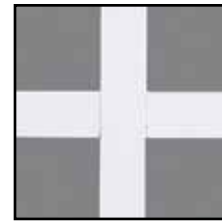


Colonial Prairie Queen Anne 6/1

Grille Options



5/8" Contoured GBG
(Grilles Between Glass)



5/8" Flat GBG
(Grilles Between Glass)



7/8" Contoured SDL
(Simulated Divided Lite)

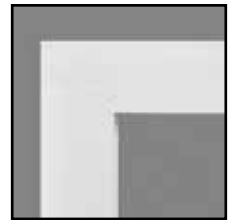
Exterior Trim Options



Banded 4" Casing



Brickmould (908) Casing



Flat 3 1/2" Casing

Pediment Head Options



Shown with Standard
Frame (no exterior casing)



Flat Casing shown



Banded Casing shown

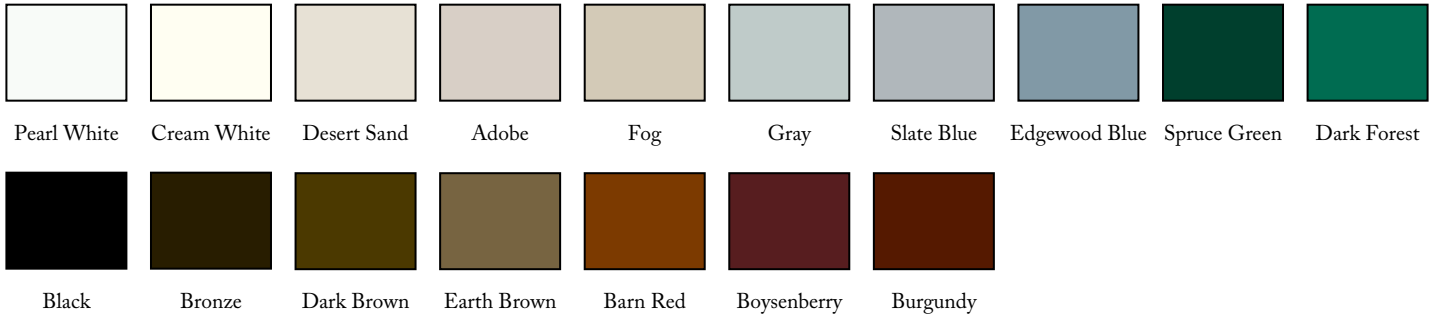
Brickmould with pediment head not shown



*Double-hung windows
with 6/1 grille pattern,
painted exterior flat
casing and pediments.*

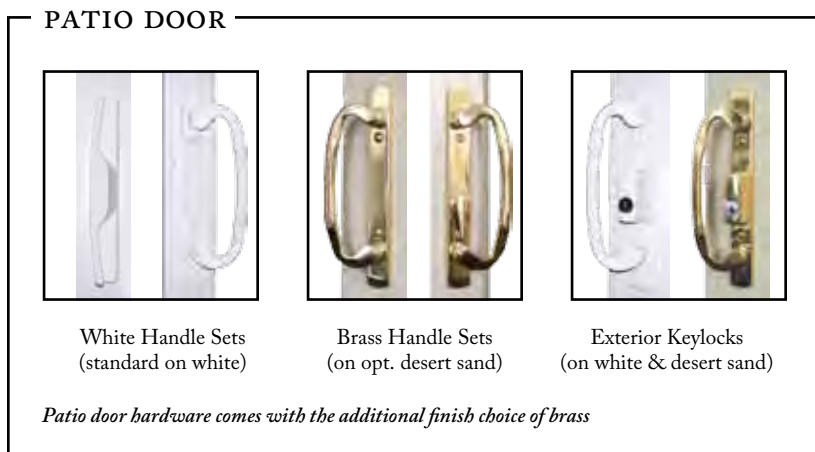
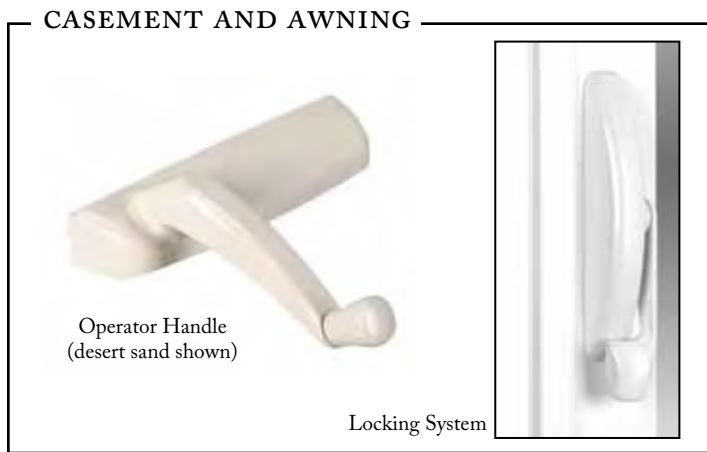
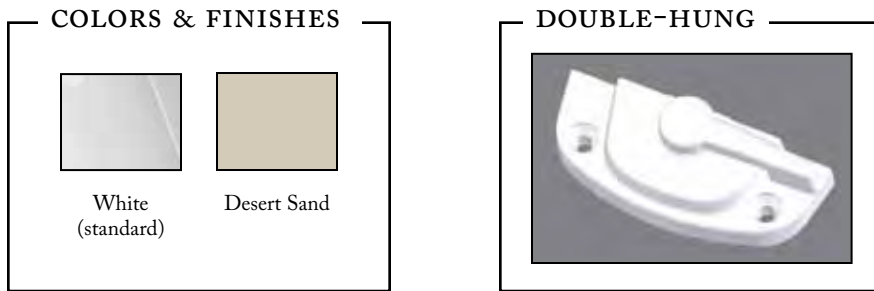
Exterior Paint Options

Our in-house palette consists of 17 prefinished exterior colors, with many other colors available.



Please note that the material colors are not necessarily precise representations due to variance in the printing process.

Hardware Options



Top to bottom: Double-hungs with transoms; double-hung and casement bow window.

INSULATING GLASS OPTIONS

Energy-Efficiency

Regardless of the glass you choose, all of our insulating glass units are made with Duralite® warm-edge spacer technology. Duralite is part of a highly energy-efficient insulating glass spacer system known as “Envirosealed Windows™” which assures consumers that the insulating glass spacer system in their windows is the most energy-efficient choice on the market.

enviro  sealed
w i n d o w s™



Clear insulating glass (standard)*

Our clear insulating glass units consists of two panes of glass, sealed with an airspace, separated by a non-conductive warm-edge spacer. This glass offers maximum visible light transmittance and superb energy efficiency in most climates.

Low-E glass with or without argon gas (optional)

Low-E insulating glass provides the best year-round performance and decreased energy costs. In the winter, by reflecting heat back into the home, Low-E glass helps keep homes warmer providing improved comfort and reduced condensation. Low-E glass also blocks 83% of harmful UV rays and 96% of the sun’s infrared heat, so homes will stay cooler in the summer and interior furnishings fade less. Combining Low-E with argon gas creates even greater energy savings and decreases the U-Factor.



In warm weather, Low-E glass reflects the sun’s energy and reduces heat gain in the home.



In cold weather, Low-E glass reduces the amount of heat loss by reflecting it back inside.

Argon gas is much denser than air, so it provides a more effective barrier against cold and warm air infiltration. By choosing the options like Low-E glass with argon, our windows will meet the most stringent ENERGY STAR® requirements.

Excellent performance in northern zones

Low-E Glass offers excellent insulative properties and passive heat gain performance that:

- Provides consistent temperatures in regions with hot summers and cold winters, keeping the inside of the home comfortable year-round
- Means even large windows can provide superior energy efficiency
- Reduces energy bills by keeping the heat inside the home, where it belongs
- Helps keep indoor humidity at comfortable and healthy levels
- Blocks nearly twice as many harmful UV rays as clear glass

Glass is also available with the following options:

Tempered

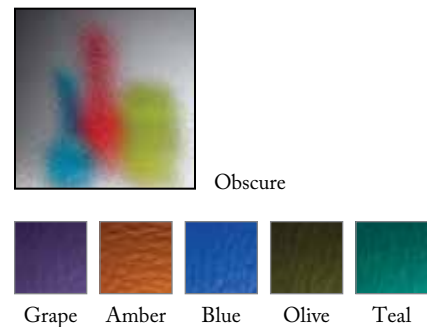
Standard in our sliding patio doors to address safety concerns. Also available in window units to meet specific building and safety codes. This glass is heat-treated during manufacturing for extra strength, enabling it to withstand abnormal force or pressure on its surface.

Laminated

Provides the ultimate in UV blockage while also reducing levels of sound transmission significantly. Laminated glass is produced by bonding a plastic interlayer between two or more panes of glass under heat and pressure.

Obscure and/or Tinted

Textured glass can add character and/or privacy to a room. The combination of texture and color can transform your space, adding personality and complexity.

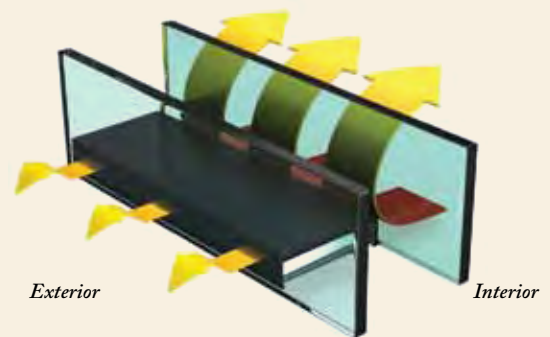


Duralite® warm-edge spacers = Improved Efficiency

Spencer Walcott windows use this superior warm-edge insulating glass sealant system for improved energy efficiency and resistance to condensation, greater comfort, and lower heating and cooling costs.

Did you know that the Duralite spacer inside your window's insulating glass unit can improve the energy efficiency of that window by as much as 10 percent? That is a lot of energy savings for such a small component. In addition to saving energy, which also reduces how much you spend to heat and cool your home, Duralite can also reduce condensation on the glass. Less condensation and reduced energy costs mean a healthy, more comfortable home.

The Duralite spacer is a component laminate design that optimizes the use of a number of spacer components. All spacers need adhesives, sealants, structural elements and desiccant to perform. They also need to last a long time under adverse conditions inside your window frame. Duralite is designed to seal your window better and longer, while increasing energy savings compared to other types of spacers.



When Duralite® non-metallic insulating glass spacers are used, glass edge is up to 45% better insulated against energy loss, creating a higher performance thermal barrier.



PERFORMANCE TESTED

The Spencer Walcott family of windows and doors are tested and independently certified to ensure a lifetime of trouble-free performance.

The NFRC Label Defined (National Fenestration Rating Council)

U-Factor measures how well a product prevents heat from escaping a home or building. The lower the U-Factor, the better the window insulates by keeping the heat in. Ratings between 0.20 and 1.20.

Solar Heat Gain Coefficient (SHGC) measures how well a product blocks the sun's radiant heat. The lower the SHGC, the less solar heat the window allows into your home. Represented by a number between 0 and 1.

Visible Transmittance (VT) measures how much light comes through a product. VT is expressed as a number between 0 and 1. The higher the VT, the higher the potential for daylighting.

Mathews Brothers window and door products are NFRC certified. A complete listing can be found at www.nfrc.org.

COMMITTED TO PERFORMANCE

American Architectural Manufacturing Association

Since 1936, the American Architectural Manufacturers Association (AAMA) has stood as a strong advocate for manufacturers and professionals in the fenestration industry. And today, stands as a representative of both the residential and commercial sectors.



National Fenestration Rating Council

The National Fenestration Rating Council (NFRC) is a nonprofit, public/private organization created by the window, door, and skylight industry. It is composed of manufacturers, suppliers, builders, architects and designers, specifiers, code officials, utilities, and government agencies. The NFRC has developed a window energy rating system based on whole product performance.



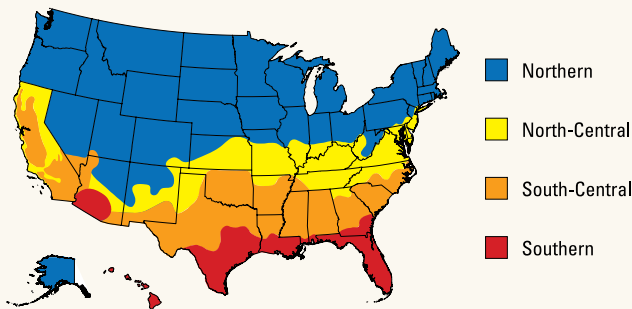
The NFRC label provides the only reliable way to determine the window energy properties and to compare products. The NFRC label appears on all products certified to the NFRC standards and on all window, door, and skylight products which are part of the ENERGY STAR® program. At this time, NFRC labels on window units give ratings for U-Factor, Solar Heat Gain Coefficient (SHGC), and Visible Light Transmittance (VT).

ENERGY STAR®

Mathews Brothers is proud to offer our customers products that have earned the government's ENERGY STAR® label.



ENERGY STAR is a government-backed program that helps consumers identify the most energy-efficient products. Learn more at www.energystar.gov.



ENERGY STAR® Qualification Criteria for Residential Windows

Climate Zone	U-Factor ¹	SHGC ²	
Northern	≤ 0.30	Any	Prescriptive
	≤ 0.31	≥ 0.35	Equivalent Energy Performance
	≤ 0.32	≥ 0.40	
North-Central	≤ 0.32	≤ 0.40	
South-Central	≤ 0.35	≤ 0.30	
Southern	≤ 0.60	≤ 0.27	

¹ Btu/h-ft²·F
² Fraction of incident solar radiation

ENERGY STAR® Qualification Criteria for Residential Doors

Glazing Level	U-Factor ¹	SHGC ²
Opaque	≤ 0.21	No Rating
≤ ½-Lite	≤ 0.27	≤ 0.30
> ½-Lite	≤ 0.32	≤ 0.30

¹ Btu/h-ft²·F
² Fraction of incident solar radiation

Forest Management and Green Building

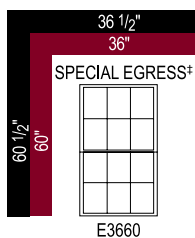
Mathews Brothers has made a meaningful commitment to support and promote sustainable forestry initiatives. We are active members of The Maine Chapter of the U.S. Green Building Council and The Maine Forest Products Council.

SINGLE-HUNG WINDOW STANDARD SIZES & ARCHITECTURAL DETAILS

Single-Hung Windows Standard Sizes Custom sizes available

Rough Opening	20"	22"	24"	26"	28"	30"	32"	34"	36"	38"	40"	42"	44"	46"	48"
Unit Size	19 1/2"	21 1/2"	23 1/2"	25 1/2"	27 1/2"	29 1/2"	31 1/2"	33 1/2"	35 1/2"	37 1/2"	39 1/2"	41 1/2"	43 1/2"	45 1/2"	47 1/2"
Exp. Glass Fixed Light	14 1/2"	16 1/2"	18 1/2"	20 1/2"	22 1/2"	24 1/2"	26 1/2"	28 1/2"	30 1/2"	32 1/2"	34 1/2"	36 1/2"	38 1/2"	40 1/2"	42 1/2"
Exposed Glass Sash	14 13/16"	16 13/16"	18 13/16"	20 13/16"	22 13/16"	24 13/16"	26 13/16"	28 13/16"	30 13/16"	32 13/16"	34 13/16"	36 13/16"	38 13/16"	40 13/16"	42 13/16"
Clear Opening	14 1/2"	16 1/2"	18 1/2"	20 1/2"	22 1/2"	24 1/2"	26 1/2"	28 1/2"	30 1/2"	32 1/2"	34 1/2"	36 1/2"	38 1/2"	40 1/2"	42 1/2"

2036	2236	2436	2636	2836	3036	3236	3436	3636	3836	4036	4236	4436	4636	4836	12 5/8"	14"	14 3/4"	15 1/2"	16 1/2"	17 1/4"	17"	18 1/8"	20"	20 3/4"	21 1/2"	23 1/2"	23"	24"	24 5/8"	25 1/2"	26 3/4"	28"	28 5/8"	29 3/4"	29"	30 5/8"	30 1/2"	32"	32 1/2"	36"	42"	48"	54"	57"	60"	66"	72"				
2042	2242	2442	2642	2842	3042	3242	3442	3642	3842	4042	4242	4442	4642	4842																																					
2048	2248	2448	2648	2848	3048	3248	3448	3648	3848	4048	4248	4448	4648	4848																																					
2054	2254	2454	2654	2854	3054	3254	3454	3654	3854	4054	4254	4454	4654	4854																																					
2057	2257	2457	2657	2857	3057	3257	3457	3657	3857	4057	4257	4457	4657	4857																																					
2060	2260	2460	2660	2860	3060	3260	3460	3660	3860	4060†	4260†	4460†	4660†	4860†																																					
2066	2266	2466	2666	2866	3066	3266	3466	3666†	3866†	4066†	4266†	4466†	4666†	4866†																																					
2072	2272	2472	2672	2872	3072	3272	3472†	3672†	3872†	4072†	4272†	4472†	4672†	4872†																																					



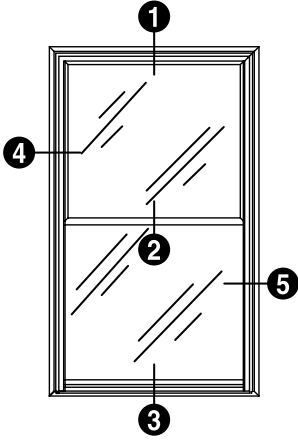
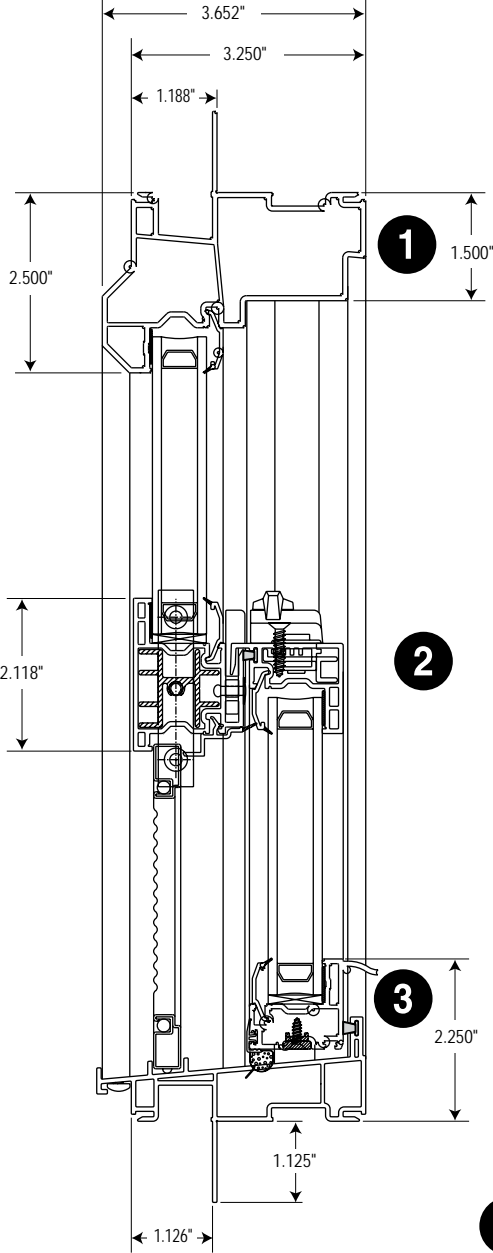
Notes:

- New construction series standard sizes shown. Custom sizes are available.
- Call out sizes are calculated in inches.
- *Check with fabricator for rough opening sizes when mulling.
- †Meets single egress of:
clear openable area 5.7 sq. ft.;
clear openable width 20 inches;
clear openable height 24 inches.
- Additional egress sizes may be available with modification.
- Grilles are optional and shown in colonial pattern as viewed from outside.

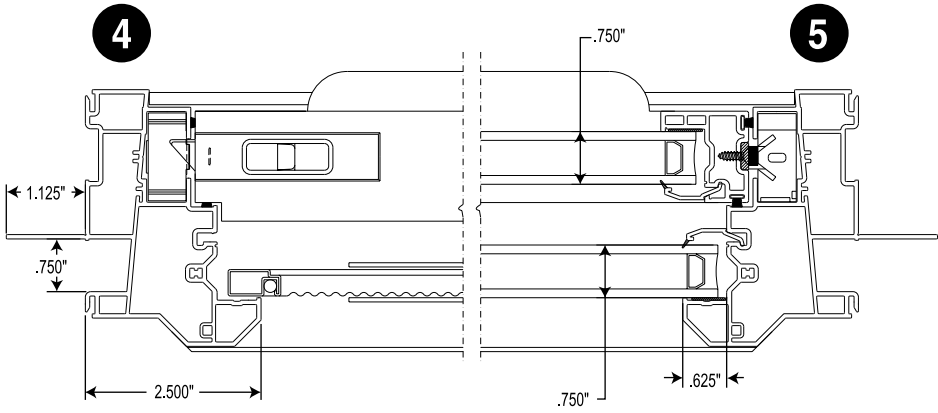
Replacement Windows
Each window is custom built to your specifications.

Single-Hung Windows for New Construction

Low profile sill shown



Single-hung
(exterior view)

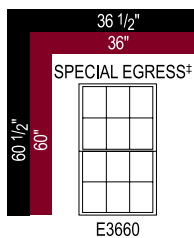


DOUBLE-HUNG WINDOW STANDARD SIZES & ARCHITECTURAL DETAILS

Double-Hung Windows Standard Sizes Custom sizes available

Rough Opening	20"	22"	24"	26"	28"	30"	32"	34"	36"	38"	40"	42"	44"	46"	48"
Unit Size	19 1/2"	21 1/2"	23 1/2"	25 1/2"	27 1/2"	29 1/2"	31 1/2"	33 1/2"	35 1/2"	37 1/2"	39 1/2"	41 1/2"	43 1/2"	45 1/2"	47 1/2"
Exposed Glass	12 1/2"	14 1/2"	16 1/2"	18 1/2"	20 1/2"	22 1/2"	24 1/2"	26 1/2"	28 1/2"	30 1/2"	32 1/2"	34 1/2"	36 1/2"	38 1/2"	40 1/2"
Clear Opening	14	16	18	20	22	24	26	28	30	32	34	36	38	40	42

2036	2236	2436	2636	2836	3036	3236	3436	3636	3836	4036	4236	4436	4636	4836
2042	2242	2442	2642	2842	3042	3242	3442	3642	3842	4042	4242	4442	4642	4842
2048	2248	2448	2648	2848	3048	3248	3448	3648	3848	4048	4248	4448	4648	4848
2054	2254	2454	2654	2854	3054	3254	3454	3654	3854	4054	4254	4454	4654	4854
2057	2257	2457	2657	2857	3057	3257	3457	3657	3857	4057	4257	4457	4657	4857
2060	2260	2460	2660	2860	3060	3260	3460	3660	3860	4060'	4260'	4460'	4660'	4860'
2066	2266	2466	2666	2866	3066	3266	3466	3666'	3866'	4066'	4266'	4466'	4666'	4866'
2072	2272	2472	2672	2872	3072	3272	3472'	3672'	3872'	4072'	4272'	4472'	4672'	4872'



Notes:

New construction series standard sizes shown. Custom sizes are available.

Call out sizes are calculated in inches.

*Check with fabricator for rough opening sizes when mulling.

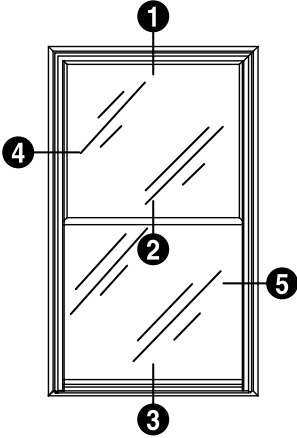
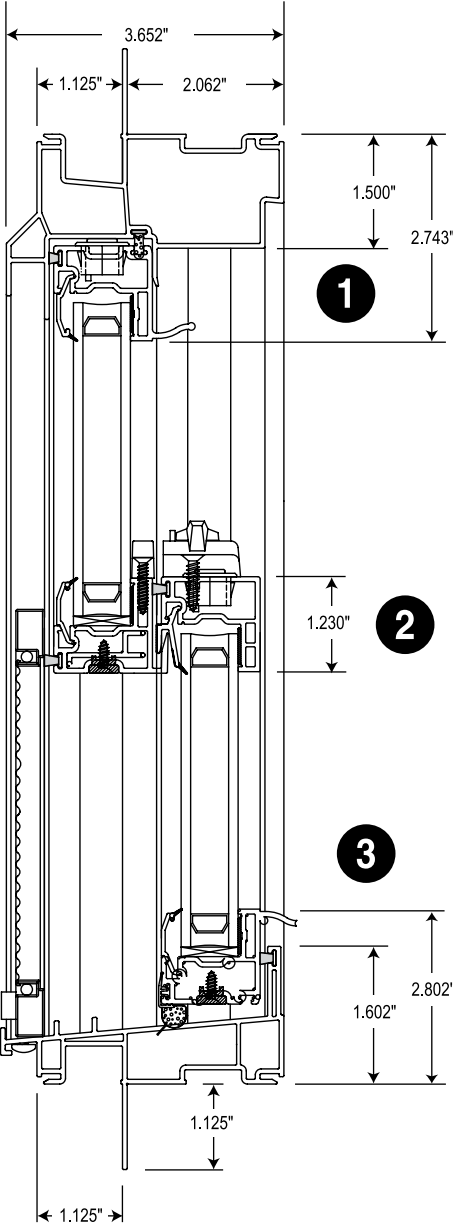
†Meets single egress of:
clear openable area 5.7 sq. ft.;
clear openable width 20 inches;
clear openable height 24 inches.

Additional egress sizes may be available with modification.

Grilles are optional and shown in colonial pattern as viewed from outside.

Replacement Windows
 Each window is custom built to your specifications.

Double-Hung Windows for New Construction

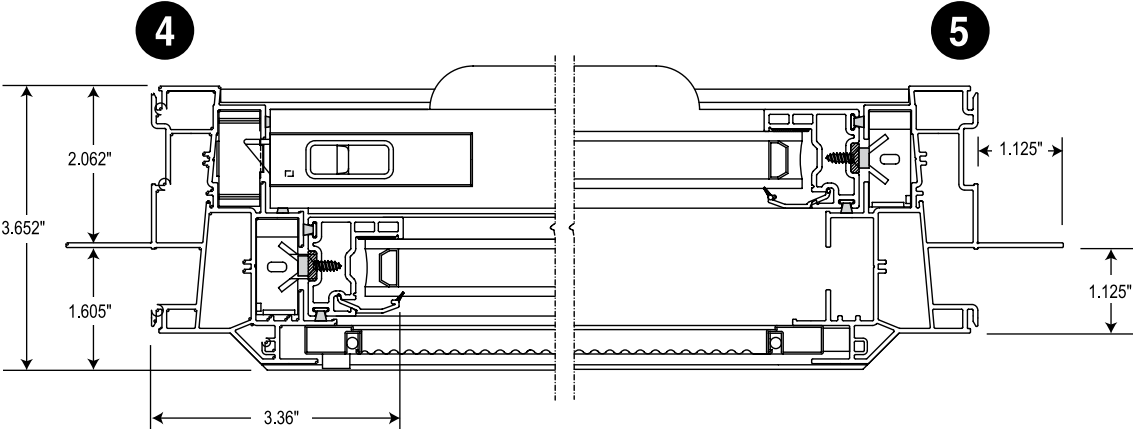


Double-Hung
 (exterior view)

Double-Hung Windows for Replacement

Diagram showing components for window replacement:

- Optional Head Expander (Adds approx 3/4")
- Jamb
- Sill Angle
- Inset detail showing a 1 1/4" dimension.



CASEMENT WINDOWS STANDARD SIZES & ARCHITECTURE

Casement Windows Standard Sizes Custom sizes available

Rough Opening	18"	20"	24"	28"	30"	36"
Unit Size	17 1/2"	19 1/2"	23 1/2"	27 1/2"	29 1/2"	35 1/2"
Exposed Glass	12 1/2"	14 1/2"	18 1/2"	22 1/2"	24 1/2"	30 1/2"
Clear Opening	9 1/2"	11 1/2"	15 1/4"	19 1/4"	21 1/4"	27 1/4"
	C1824	C2024				
	C1836	C2036	C2436	C2836	C3036	C3642*
	C1842	C2042	C2442	C2842	C3042**	C3642*
	C1848	C2048	C2448	C2848	C3048**	C3648*
	C1854	C2054	C2454	C2854	C3054**	C3654*
	C1860	C2060	C2460	C2860**	C3060**	C3660*
	C1866	C2066	C2466	C2866**	C3066**	C3666*
	C1872	C2072	C2472	C2872**	C3072**	C3672*

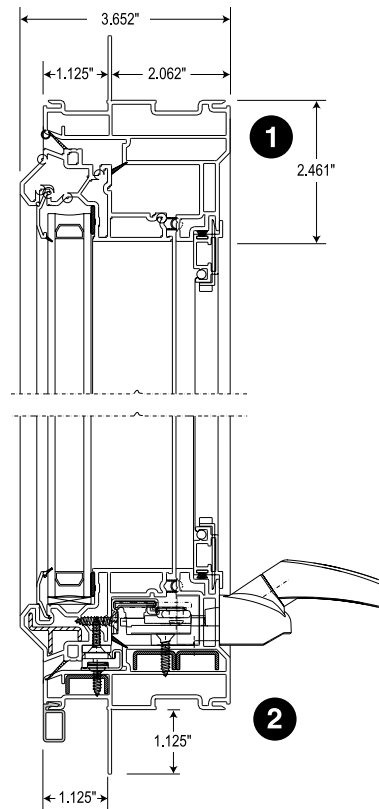
Twin Casement Windows Standard Sizes Custom sizes available

Rough Opening	36"	40"	48"	56"
Unit Size	35 1/2"	39 1/2"	47 1/2"	55 1/2"
Exposed Glass	13 1/4"	15 1/4"	19 1/4"	23 1/4"
Clear Opening	10 1/2"	12 1/2"	16 1/2"	20 1/2"
	TC3624	TC4024	TC4824	TC5624
	TC3636	TC4036	TC4836	TC5636
	TC3642	TC4042	TC4842	TC5642
	TC3648	TC4048	TC4848	TC5648**
	TC3654	TC4054	TC4854	TC5654**
	TC3660	TC4060	TC4860	TC5660**
	TC3666	TC4066	TC4866	TC5666**

Casement | Picture | Casement Window Standard Sizes Custom sizes available

Rough Opening	54"	60"	72"	84"	90"	108"
Unit Size	53 1/2"	59 1/2"	71 1/2"	83 1/2"	89 1/2"	107 1/2"
Exposed Glass	13 1/2"	15 1/2"	19 1/2"	23 1/2"	25 1/2"	31 1/2"
Clear Opening	10 1/2"	12 1/2"	16 1/2"	20 1/2"	22 1/2"	28 1/2"
	CFC5436	CFC6036	CFC7236	CFC8436	CFC9036	CFC10836
	CFC5442	CFC6042	CFC7242	CFC8442	CFC9042	CFC10842
	CFC5448	CFC6048	CFC7248	CFC8448	CFC9048**	CFC10848*
	CFC5460	CFC6060	CFC7260	CFC8460	CFC9060**	CFC10860*
	CFC5466	CFC6066	CFC7266	CFC8466	CFC9066**	CFC10866*

Casement for New Construction



■ Rough opening of 108" are available as mullied units only.

Notes:

New construction series standard sizes shown. Custom sizes are available.

Call out sizes are calculated in inches.

Common frame system shown.

*Common frame multiple units may be available, check with your fabricator.

Grilles are optional and shown in colonial pattern as viewed from outside.

†Meets egress of (CA/Fixed/CA): clear openable area ≥ 5.7 sq. ft.; clear openable width ≥ 20 inches; clear openable height ≥ 24 inches

**Requires egress hardware.

Awning Windows Standard Sizes

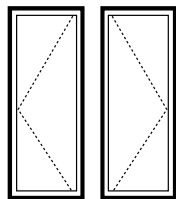
Custom sizes available

Rough Opening	24"	36"	42"	48"	54"	60"
Unit Size	23 1/2"	35 1/2"	41 1/2"	47 1/2"	53 1/2"	59 1/2"
Exposed Glass	18 1/2"	30 1/2"	36 1/2"	42 1/2"	48 1/2"	54 1/2"

						12 1/2"	17 1/2"	18"
A2418	A3618	A4218	A4818	A5418	A6018			
						14 1/2"	19 1/2"	20"
A2420	A3620	A4220	A4820	A5420	A6020			
						18 1/2"	23 1/2"	24"
A2424	A3624	A4224	A4824	A5424	A6024			
						22 1/2"	27 1/2"	28"
A2428	A3628	A4228	A4828	A5428	A6028			
						30 1/2"	35 1/2"	36"
A2436	A3636	A4236	A4836	A5436	A6036			

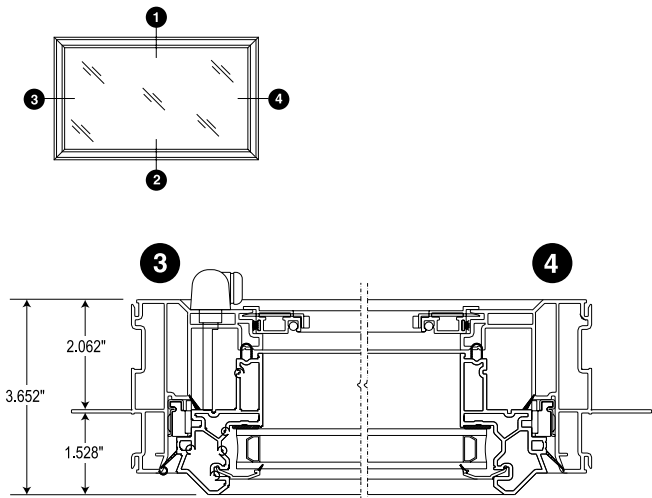
60"	72"
59 1/2"	71 1/2"
25 1/4"	31 1/4"
22 1/2"	28 1/2"
TC6024	TC7224
TC6036	TC7236
TC6042††	TC7242†
TC6048††	TC7248†
TC6054††	TC7254†
TC6060††	TC7260†
TC6066††	TC7266†

Vent Layout

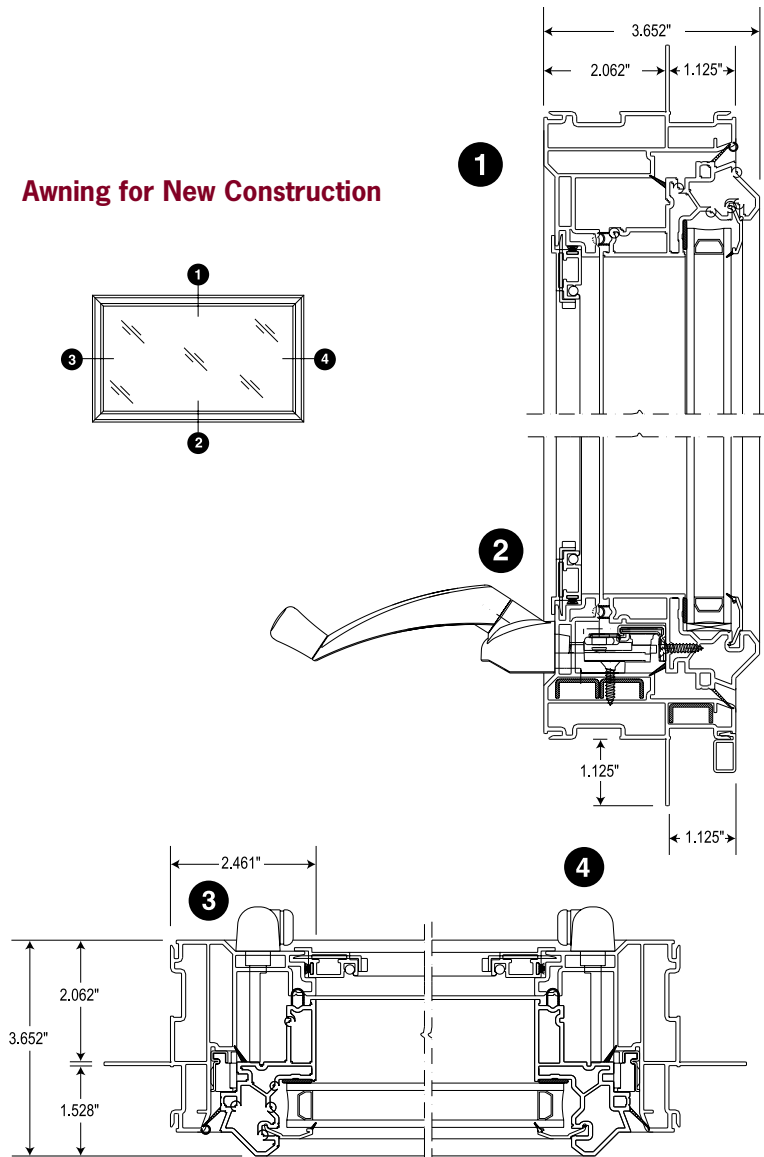


Specify left-hinge or right-hinge casement as viewed from outside.

Awning for New Construction



Multi-Point Lock



Replacement Windows
Each window is custom built to your specifications.

FIXED UNIT STANDARD SIZES & ARCHITECTURAL DETAILS

Picture (Fixed) Windows Standard Sizes *Custom sizes available*

* Rough Opening	12"	18"	20"	24"	28"	30"	32"	36"	40"	42"	44"	48"	60"
Unit Size	11 1/2"	17 1/2"	19 1/2"	23 1/2"	27 1/2"	29 1/2"	31 1/2"	35 1/2"	39 1/2"	41 1/2"	43 1/2"	47 1/2"	59 1/2"
Exposed Glass	6 1/2"	12 1/2"	14 1/2"	18 1/2"	22 1/2"	24 1/2"	26 1/2"	30 1/2"	34 1/2"	36 1/2"	38 1/2"	42 1/2"	54 1/2"

PW1224	PW1824	PW2024	PW2424	PW2824	PW3024	PW3224	PW3624	PW4024	PW4224	PW4424	PW4824	PW6024
PW1236	PW1836	PW2036	PW2436	PW2836	PW3036	PW3236	PW3636	PW4036	PW4236	PW4436	PW4836	PW6036
PW1242	PW1842	PW2042	PW2442	PW2842	PW3042	PW3242	PW3642	PW4042	PW4242	PW4442	PW4842	PW6042
PW1248	PW1848	PW2048	PW2448	PW2848	PW3048	PW3248	PW3648	PW4048	PW4248	PW4448	PW4848	PW6048
PW1254	PW1854	PW2054	PW2454	PW2854	PW3054	PW3254	PW3654	PW4054	PW4254	PW4454	PW4854	PW6054
PW1260	PW1860	PW2060	PW2460	PW2860	PW3060	PW3260	PW3660	PW4060	PW4260	PW4460	PW4860	PW6060
PW1266	PW1866	PW2066	PW2466	PW2866	PW3066	PW3266	PW3666	PW4066	PW4266	PW4466	PW4866	PW6066
PW1272	PW1872	PW2072	PW2472	PW2872	PW3072	PW3272	PW3672	PW4072	PW4272	PW4472	PW4872	PW6072

- Grille patterns for 60-inch and 66-inch picture windows will vary:
 - Casement picture windows are 5 lites high;
 - Single-hung and double-hung picture windows are 4 lites high.

Grill patterns in picture units will match single-hung or double-hung when ordered in that combination.

Transom Window Standard Sizes *Custom sizes available*

* Rough Opening	28"	32"	36"	40"	44"	48"	56"	64"	72"
Unit Size	27 1/2"	31 1/2"	35 1/2"	39 1/2"	43 1/2"	47 1/2"	55 1/2"	63 1/2"	71 1/2"
Exposed Glass	22 1/2"	26 1/2"	30 1/2"	34 1/2"	38 1/2"	42 1/2"	50 1/2"	58 1/2"	66 1/2"

TR2812	TR3212	TR3612	TR4012	TR4412	TR4812	TR5612	TR6412	TR7212
TR2818	TR3218	TR3618	TR4018	TR4418	TR4818	TR5618	TR6418	TR7218
TR2824	TR3224	TR3624	TR4024	TR4424	TR4824	TR5624	TR6424	TR7224

Notes:

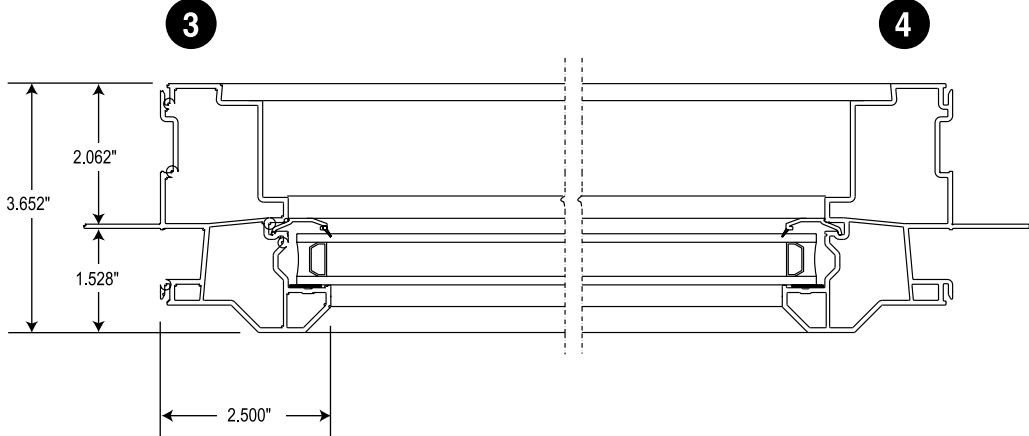
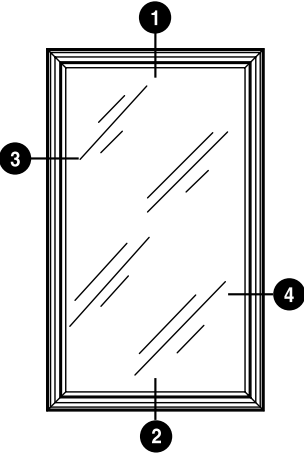
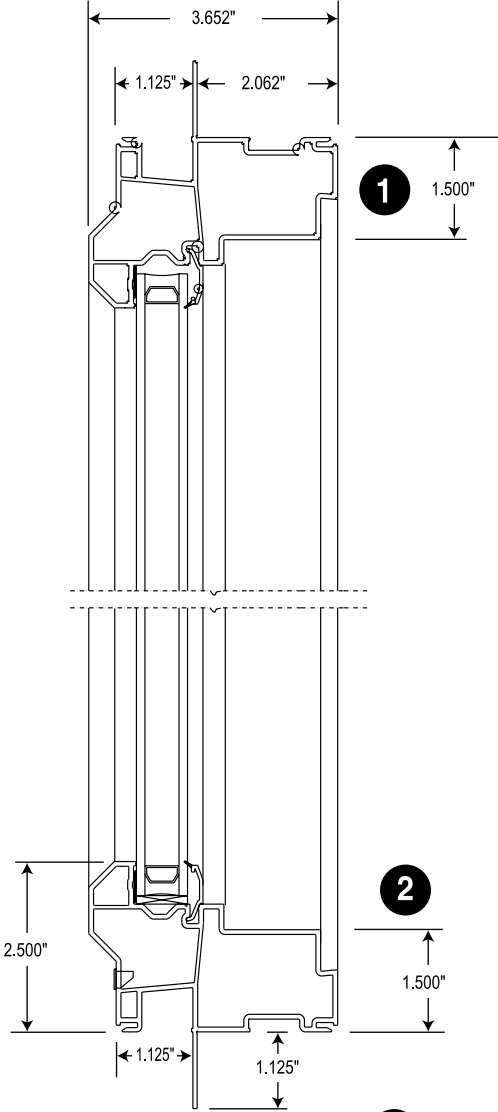
Both Picture Windows and Transom call out sizes are calculated in inches.

Grilles are optional and shown in colonial pattern as viewed from outside.

*Check with fabricator for rough opening when mulling.























































































Replacement Windows
Each window is custom built to your specifications.

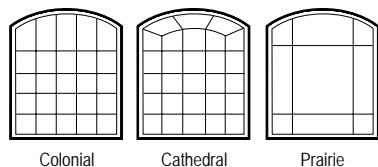
Picture Window/Transom for New Construction



SHAPE UNITS STANDARD SIZES & ARCHITECTURAL DETAILS

Extended Arch (Fixed) & Eyebrow Standard Sizes *Custom sizes available*

									
Chord Height (approx)	4 3/8"	5 1/4"	5 7/8"	6 3/4"	7 7/16"	8 1/4"	9"	11 1/4"	13 1/2"
Radius	18"	21"	24"	27"	30"	32"	36"	45"	54"
Rough Opening	24"	28"	32"	36"	40"	44"	48"	60"	72"
Unit Width	23 1/2"	27 1/2"	31 1/2"	35 1/2"	39 1/2"	43 1/2"	47 1/2"	59 1/2"	71 1/2"
Series A Shoulder Height: 7 1/8" (Eyebrow) (Fixed Ext. Arch)	 EA24A	 EA28A	 EA32A	 EA36A	 EA40A	 EA44A	 EA48A	 EA60A	 EA72A
Series B Shoulder Height: 19 1/8" (Fixed Ext. Arch)	 EA24B	 EA28B	 EA32B	 EA36B	 EA40B	 EA44B	 EA48B	 EA60B	 EA72B
Series C Shoulder Height: 31 1/8" (Fixed Ext. Arch)	 EA24C	 EA28C	 EA32C	 EA36C	 EA40C	 EA44C	 EA48C	 EA60C	 EA72C
Series D Shoulder Height: 39 1/4" (Fixed Ext. Arch)	 EA24D	 EA28D	 EA32D	 EA36D	 EA40D	 EA44D	 EA48D	 EA60D	 EA72D
Series E Shoulder Height: 43 1/8" (Fixed Ext. Arch)	 EA24E	 EA28E	 EA32E	 EA36E	 EA40E	 EA44E	 EA48E	 EA60E	 EA72E
Series F Shoulder Height: 47 1/8" (Fixed Ext. Arch)	 EA24F	 EA28F	 EA32F	 EA36F	 EA40F	 EA44F	 EA48F	 EA60F	 EA72F
Series G Shoulder Height: 55 1/8" (Fixed Ext. Arch)	 EA24G	 EA28G	 EA32G	 EA36G	 EA40G	 EA44G	 EA48G	 EA60G	
Series H Shoulder Height: 61 1/8" (Fixed Ext. Arch)	 EA24H	 EA28H	 EA32H	 EA36H	 EA40H	 EA44H	 EA48H	 EA60H	
Series J Shoulder Height: 67 1/8" (Fixed Ext. Arch)	 EA24J	 EA28J	 EA32J	 EA36J	 EA40J	 EA44J	 EA48J		



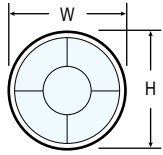
Colonial Cathedral Prairie
Prairie grilles are not available in A series.

Notes:

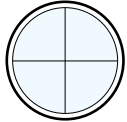
Call out indicates width expressed in inches and shoulder height (series code). Custom sizes available.

Grilles are optional and shown in colonial pattern as viewed from outside.

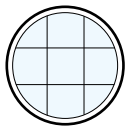
Circle



Sunburst



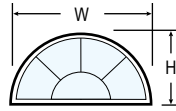
Colonial Four Lite



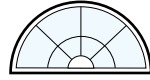
Colonial Nine Lite

Size	Dimensions
CI3030	29 1/2" x 29 1/2"
CI3636	35 1/2" x 35 1/2"

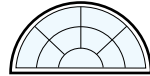
Half-Round



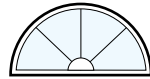
Sunburst



Sunstar



Double Sunburst*

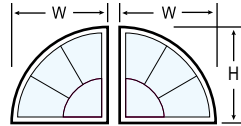


Starburst

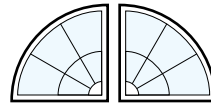
Size	Dimensions
HRD3216	31 1/2" x 15 3/4"
HRD3618	35 1/2" x 17 3/4"
HRD4020	39 1/2" x 19 3/4"
HRD4422	43 1/2" x 21 3/4"
HRD4824	47 1/2" x 23 3/4"
HRD5628	55 1/2" x 27 3/4"
HRD6030	59 1/2" x 29 3/4"
HRD6432	63 1/2" x 31 3/4"
HRD7236	71 1/2" x 35 3/4"

*This pattern is available in widths larger than 56 inches.

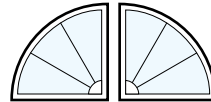
Quarter-Round



Sunburst



Sunstar

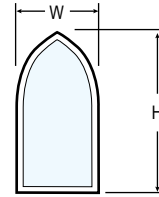


Starburst

Size	Dimensions
Left	
QRDL2424	23 1/2" x 23 1/2"
QRDL2828	27 1/2" x 27 1/2"
QRDL3030	29 1/2" x 29 1/2"
QRDL3232	31 1/2" x 31 1/2"
QRDL3636	35 1/2" x 35 1/2"
Right	
QRDR2424	23 1/2" x 23 1/2"
QRDR2828	27 1/2" x 27 1/2"
QRDR3030	29 1/2" x 29 1/2"
QRDR3232	31 1/2" x 31 1/2"
QRDR3636	35 1/2" x 35 1/2"

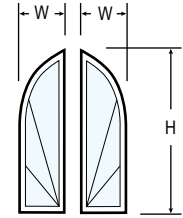
Choose left-hand or right-hand size as viewed from the outside looking in.

Gothic



Size	Dimensions
GC1836	17 1/2" x 35 3/4"
GC2040	19 1/2" x 39 3/4"
GC2244	21 1/2" x 43 3/4"
GC2448	23 1/2" x 47 3/4"
GC2856	27 1/2" x 55 3/4"
GC3060	29 1/2" x 59 3/4"
GC3672	35 1/2" x 71 3/4"

Half-Gothic

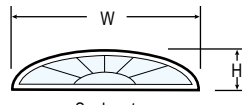


Starburst

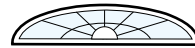
Size	Dimensions
Left	
HGCL1854	17 1/2" x 53 1/2"
HGCL2260	21 1/2" x 59 1/2"
HGCL2666	25 1/2" x 65 1/2"
HGCL2872	27 1/2" x 71 1/2"
Right	
HGCL1854	17 1/2" x 53 1/2"
HGCL2260	21 1/2" x 59 1/2"
HGCL2666	25 1/2" x 65 1/2"
HGCL2872	27 1/2" x 71 1/2"

Choose left-hand or right-hand size as viewed from the outside looking in.

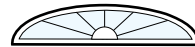
Elliptical



Sunburst



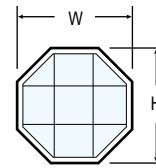
Sunstar



Starburst

Size	Dimensions
EL6018	59 1/2" x 17 1/2"
EL7220	71 1/2" x 19 1/2"

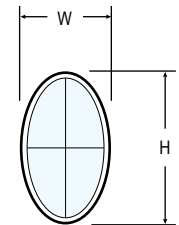
Octagon



Colonial Nine Lite

Size	Dimensions
OTG2424	23 1/2" x 23 1/2"
OTG3232	31 1/2" x 31 1/2"
OTG3636	35 1/2" x 35 1/2"

Oval



Colonial Four Lite

Size	Dimensions
OV3046	29 1/2" x 45 1/2"
OV3656	35 1/2" x 55 1/2"



SLIDER STANDARD SIZES & ARCHITECTURAL DETAILS

Horizontal Slider Standard Sizes (Single Shown and Double Available)

Custom sizes available

1	Rough Opening	24"	36"	48"	60"	72"	84"
	Unit Size	23 1/2"	35 1/2"	47 1/2"	59 1/2"	71 1/2"	83 1/2"
	Exp. Glass Fixed Light	8 3/4"	14 3/4"	20 3/4"	26 3/4"	32 3/4"	38 3/4"
	Exposed Glass Sash	8 1/8"	14 1/8"	20 1/8"	26 1/8"	32 1/8"	38 1/8"
	Clear Opening	8"	14"	20"	26"	32"	38"

HS2424	HS3624	HS4824	HS6024	HS7224	HS8424	18 1/2"	18 1/2"	23 1/2"	24"
HS2436	HS3636	HS4836	HS6036	HS7236†	HS8436†	30"	30 1/2"	35 1/2"	36"
HS2442	HS3642	HS4842	HS6042†	HS7242†	HS8442†	36"	36 1/2"	41 1/2"	42"
HS2448	HS3648	HS4848†	HS6048†	HS7248†	HS8448†	42"	42 1/2"	47 1/2"	48"
HS2460	HS3660	HS4860†	HS6060†	HS7260†	HS8460†	54"	54 1/2"	59 1/2"	60"

■ Sliders with rough opening of 84" are available as single only.

3-Lite End-Vent Horizontal Slider Standard Sizes (Other Configurations Available)

Custom sizes available

2-3	Rough Opening	72"	84"	96"	108"	120"
	Unit Size	71 1/2"	83 1/2"	95 1/2"	107 1/2"	119 1/2"
	Exp. Glass Fixed Light	33 3/4"	39 3/4"	45 3/4"	51 3/4"	57 3/4"
	Exposed Glass Sash	14 3/4"	17 3/4"	20 3/4"	23 3/4"	26 3/4"
	Clear Opening	15"	18"	21"	24"	27"

HP7236	HP8436	HP9636	HP10836	HP12036†	30 1/2"	30 1/2"	35 1/2"	36"
HP7248	HP8448	HP9648†	HP10848†	HP12048†	42"	42 1/2"	47 1/2"	48"
HP7260	HP8460	HP9660†	HP10860†	HP12060†	54"	54 1/2"	59 1/2"	60"



3-Lite equal slider

Notes:

New construction series standard sizes shown. Custom sizes are available.

Call out sizes are calculated in inches.

¹Sizes shown applicable for single operating slider.

²Shown with fixed center window which constitutes 50% of the unit with operable sashes at 25% each.

³Check with fabricator for rough opening when mulling.

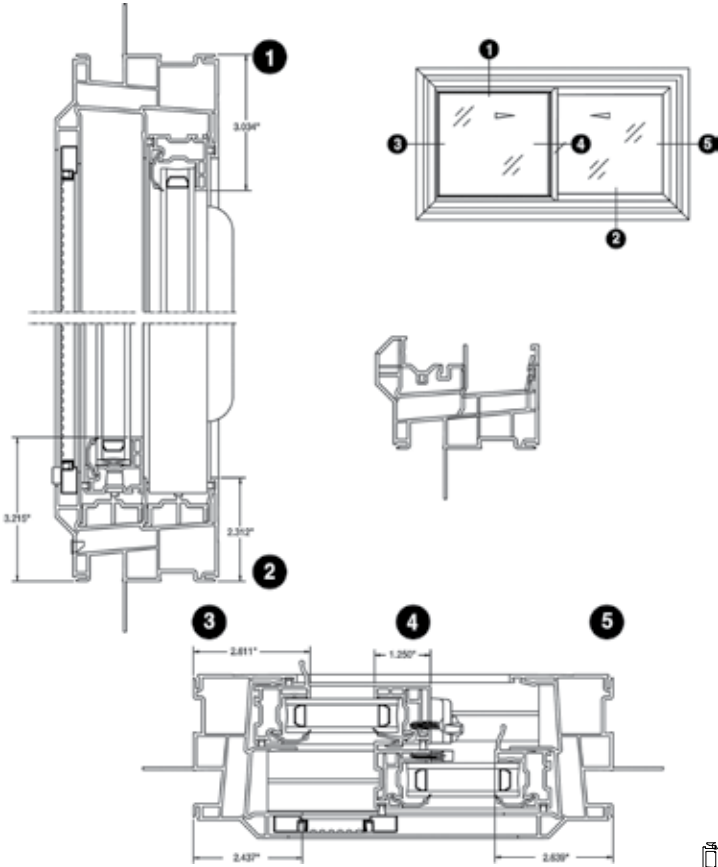
[†]Meets single egress of: clear openable area 5.7 sq. ft.; clear openable width 20 inches; clear openable height 24 inches.

See manufacturer for double slider egress measurements.

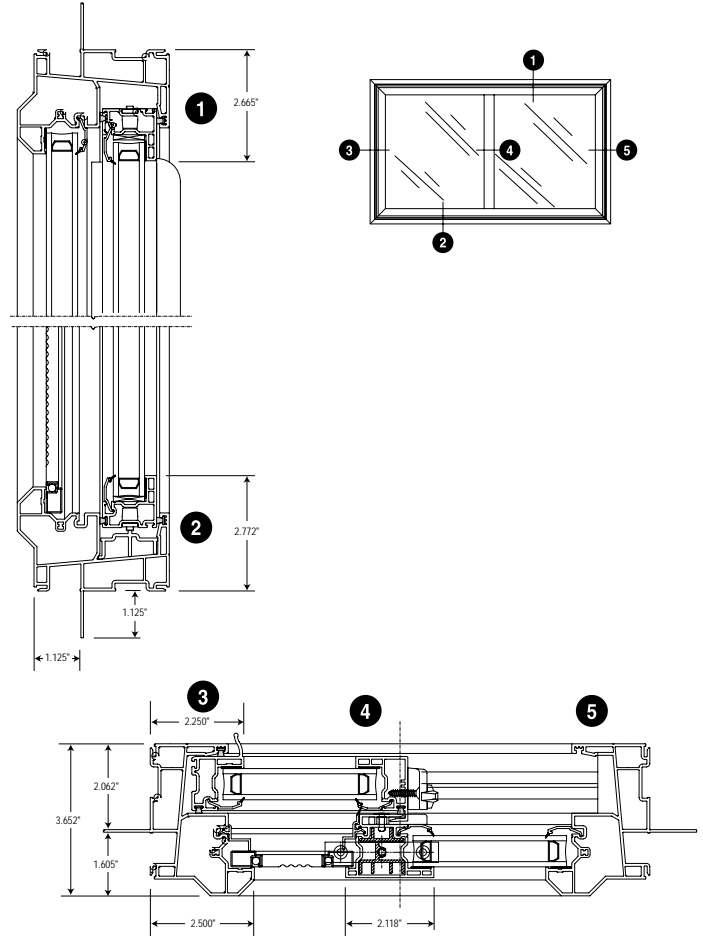
Grilles are optional and shown in colonial pattern as viewed from outside.

Replacement Windows
 Each window is custom built to your specifications.

Double Slider Window for New Construction



Single Slider Window for New Construction



SLIDING PATIO DOOR STANDARD SIZES & ARCHITECTURAL DETAILS

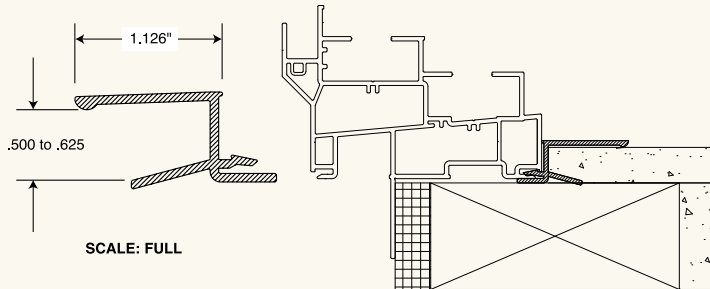
Sliding Patio Door Standard Sizes
Custom sizes available

TWO PANEL DOORS			THREE PANEL DOORS			FOUR PANEL DOORS		
ITEM	R.O.	U.S.	ITEM	R.O.	U.S.	ITEM	R.O.	U.S.
RE5068	60 x 80	59.5 x 79.5	RE7668	90 x 80	89.5 x 79.5	RE10068	119 x 80	118.5 x 79.5
RE6068	72 x 80	71.5 x 79.5	RE9068	108 x 80	107.5 x 79.5	RE12068-4	143 x 80	142.5 x 79.5
RE8068	96 x 80	95.5 x 79.5	RE12068-3	144 x 80	143. x 79.5	RE100611	119 x 82.5	118.5 x 82
RE50611	60 x 82.5	59.5 x 82	RE76611	90 x 82.5	89.5 x 82	RE120611-4	143 x 82.5	142.5 x 82
RE60611	72 x 82.5	71.5 x 82	RE90611	108 x 82.5	107.5 x 82			
RE80611	96 x 82.5	95.5 x 82	RE120611-3	144 x 82.5	143.5 x 82			

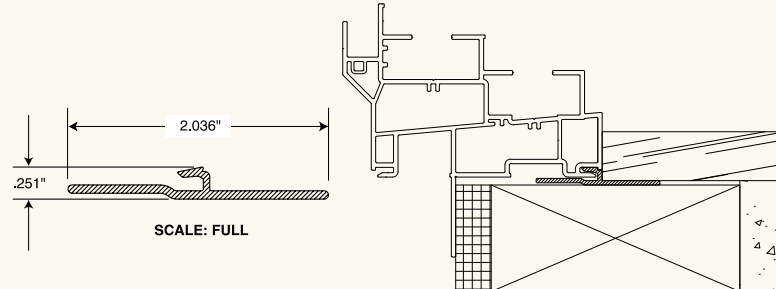
R.O. = Rough Opening; U.S. = Unit Size

ARCHITECTURAL WALL DETAILS & CASING

Dry Wall Receptor*

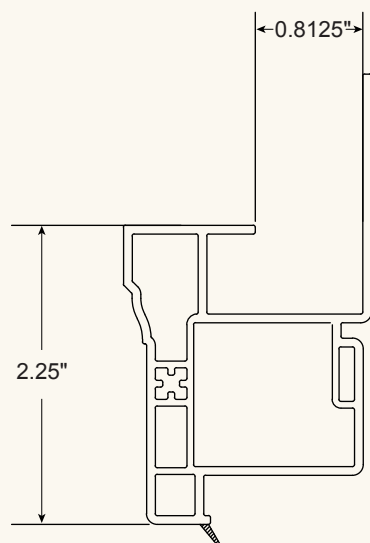


Dry Wall or Jamb Extension Guide*

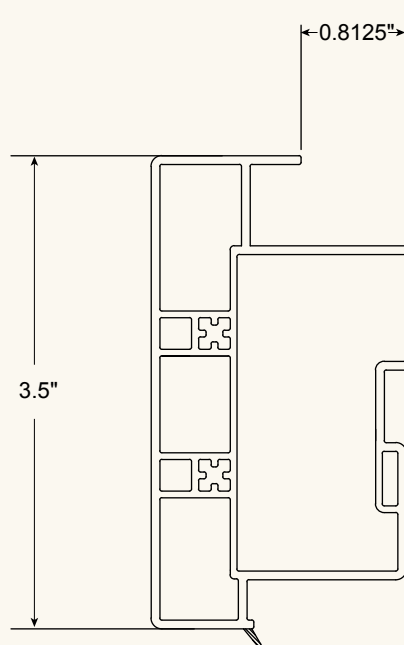


*Does not apply to patio doors

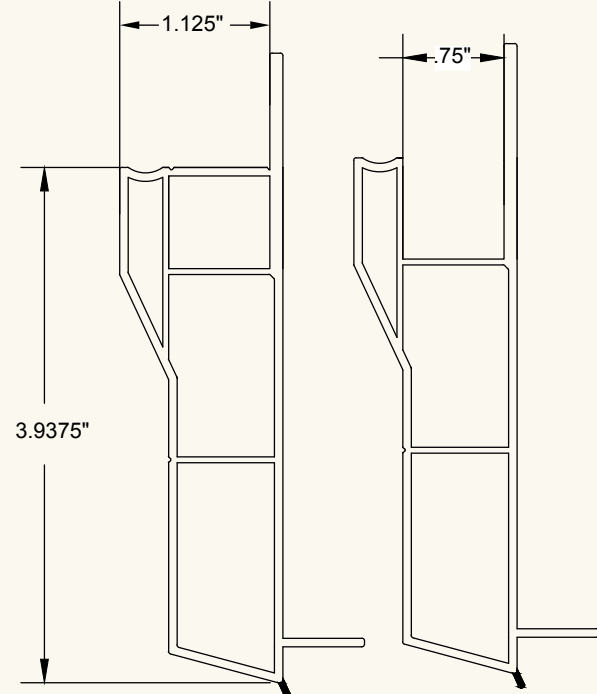
Brickmould Casing with J-Channel



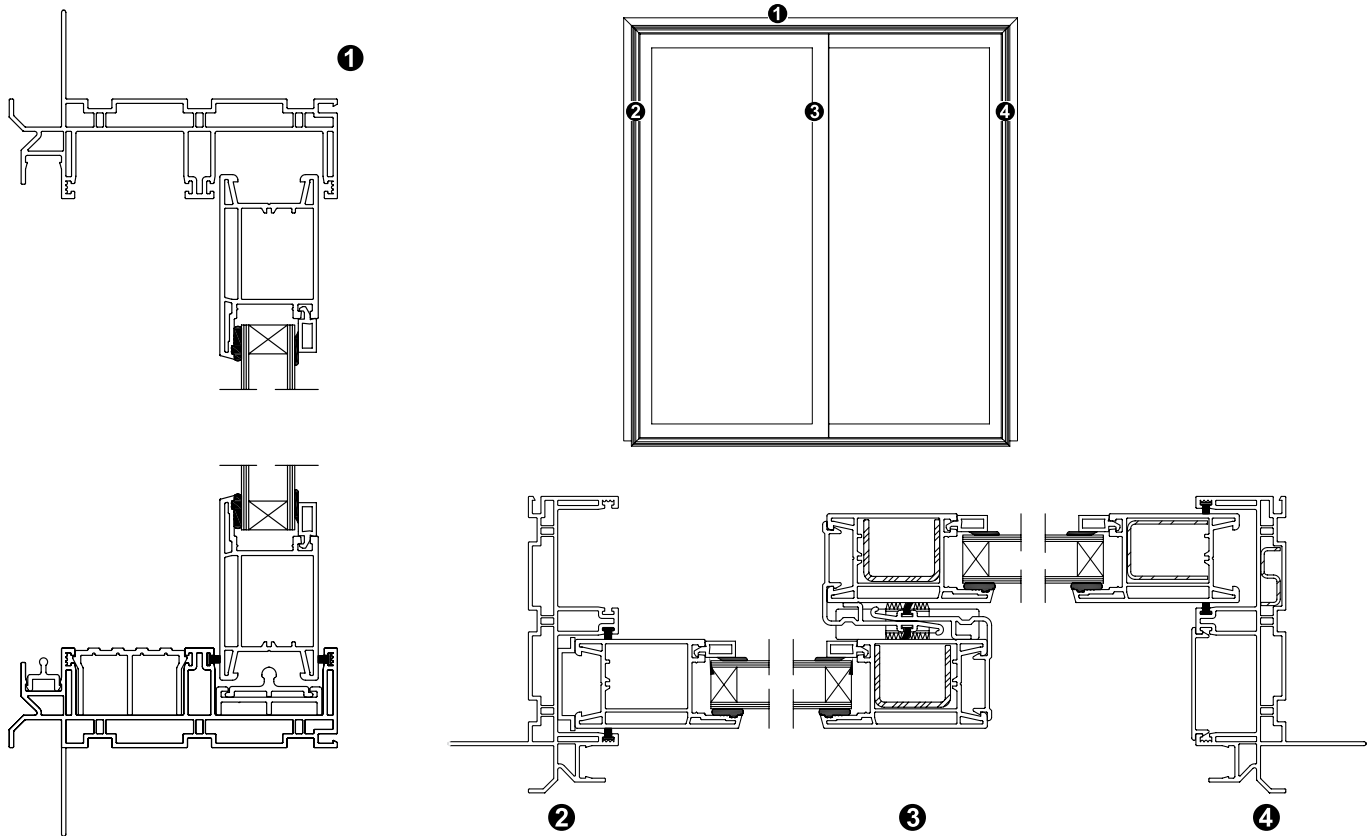
Flat Casing with J-Channel



Banded Casing with/without J-Channel



Sliding Patio Door for New Construction



Consistent with our Vision Statement, MATHEWS BROTHERS ENVIRONMENTAL STEWARDSHIP INITIATIVE (MBESI) is our corporate commitment to protecting and preserving our corner of the world. With a long history of manufacturing products from wood, it is in our nature to want to protect this natural resource. While this may be the “cause of the week” for many companies, we have embraced environmental stewardship since our beginning.

Additionally, we are committed to a “cradle to cradle” approach to our manufacturing. We use only environmentally safe and healthy materials, which are designed to use material that is easily recycled or composted. Our products are made to conserve energy in their manufacture and use. In addition, we installed an efficient water recycler, reducing the amount of water used to clean our glass.

Just a few of the items we recycle:

Glass - All of our scrap glass is recycled. It is sent back to the original manufacturer where it is melted down and made into new float glass.

PVC (Vinyl) - Our scrap PVC is sent to a Maine recycling company where it is ground up. It sequentially starts a new life as vinyl fencing products.

Scrap Metal - Leftover metal from manufacturing (e.g., muntin and screen bars), shipping crate straps, metal drums, and miscellaneous metal items are sent to recycling centers right here in midcoast Maine.

Wood and Sawdust - Our wood window facility produces scrap wood and tons of sawdust. Our sawdust is used by numerous farms around the area as stall bedding. Leftover scrap wood and wood pallets are sold off as kindling or firewood.

Paper and Cardboard - Our employees separate trash for recycling purposes; we collect newspaper, magazines, office paper, old catalogs, computer paper, and cardboard. Paper and cardboard recycling collection bins are located throughout the plant. They are taken to the local recycling center for processing.

Water - We use a glass washer that recycles its water, saving 67,000 gallons per month in water consumption.

Mathews Brothers Company is a local, family owned New England company, and we've been making windows and doors for over 150 years. Over the course of that history, we've seen a lot of changes in products, processes and technology. We've come to learn what's required for our region, in order to stand up to the severe weather conditions that are the nature of our geography.

Every Mathews Brothers product is made right here in our Belfast, Maine factory, by skilled and dedicated craftspeople who take well deserved pride in every step of the manufacturing process. Expert design, precision engineering, premium materials and superior workmanship are the cornerstones of every product that bears our name. We take care every step of the way, from order to delivery.

WOW! Customer Service™ permeates every aspect of Mathews Brothers. It is our corporate commitment to maintaining the absolute highest levels of customer satisfaction with our windows and door products, our people and our processes. Every employee of Mathews Brothers Company proudly stands behind the products we make, and we are keenly aware of our individual "points of impact" to our final customer.

WOW! Customer Service is the shorthand reminder of our Vision and Mission Statements: **WOW!** stands for Windows On Wellness, and grew from questions about what is important to us: family, faith, friends, community, our nation, and so on. As the list grew, it became apparent that these "circles of importance" could be grouped into personal, corporate, community, and planet. These became our "Windows", and the health or "Wellness" of these circles could be assessed from both a physical and financial standpoint. Hence, the term "Windows on Wellness".

Our Mission Statement is simple: *Consistently Superior Customer Service*, and this serves as our guide for our approach to all customer interactions. We've been making windows and doors for a long time now, and we know that the work we'll do tomorrow rests on the foundation we built yesterday. And that's the attitude that is shared by all of us here at Mathews Brothers Company.

To maintain the highest standards of quality, we're a member of the American Architectural Manufacturers Association, an ENERGY STAR® partner, and participants in the National Fenestration Rating Council certification program.



FSC placeholder

We have the right to change specifications and products without notice. Please note that the material colors are not necessarily precise representations due to variance in the printing process.