

# A Brilliant Fusion of Old World Craftsmanship and Modern Technology



 **QUAKER**  
RESIDENTIAL WINDOWS & DOORS

 **BRIGHTON™**  
SERIES

Architectural Wood Clad Series by Quaker



## THE QUAKER DIFFERENCE

### WHAT IS THE QUAKER DIFFERENCE?

Since 1949 the Quaker Difference has been represented by a standard of quality, engineering, craftsmanship and innovation that Quaker builds into every window and door. It is that attention to detail and manufacturing excellence that distinguishes Quaker from all other window and door companies in America.

### SOME OF THE QUAKER DIFFERENCES INCLUDE ...

- From Our Family to Yours** — For almost 70 years Quaker has been crafting windows and doors for homes like yours. With Quaker, you know you are getting windows and doors from a family owned company built on tradition, craftsmanship and quality that been the hallmark of our growth and success.
- Quality and Quantity of Wood** — Quaker wood windows are engineered with as much as 40% more solid wood than other popular brands. Using the highest quality lumber, this ensures a strong, long-lasting window that will stand the test of time.
- Wood Preparation** — The wood Quaker uses in every window is specially treated to prevent water penetration, mold, mildew and rot meaning your windows will continually look beautiful and perform for years to come.
- Painted Aluminum Clad Exterior** — Quaker is an industry leader when it comes to aluminum exterior finishes and unlimited color options. Using only AAMA 2604 and 2605 exterior powder coatings means your windows will resist fading and maintain their color without chipping or peeling.
- Architectural Engineering** — Quaker leverages years of commercial / architectural engineering expertise that goes into large buildings into the design of our residential windows and doors. Designing and manufacturing residential windows to higher standards mean that you will get a window system that will endure.
- Testing and Quality Control** — Quality Control and Performance testing is an essential part of the Quaker Difference. Product testing is done both internally and certified independently, to meet the highest possible industry standards against water, wind and structural integrity.

## HUNG WINDOWS

The Brighton Hung Series helps you to create a home in harmony with your surroundings. Whether you select a double hung or single hung style window, the Brighton window series will enhance your home's architectural design.

### THE QUAKER DIFFERENCE

**Custom and Built to Order** — Quaker custom builds their windows to your desired specifications and doesn't just offer you an off-the-shelf solution that you have to adapt to your specific needs. Installed stock windows need filler around the window which breaks down over time causing your windows to loosen.

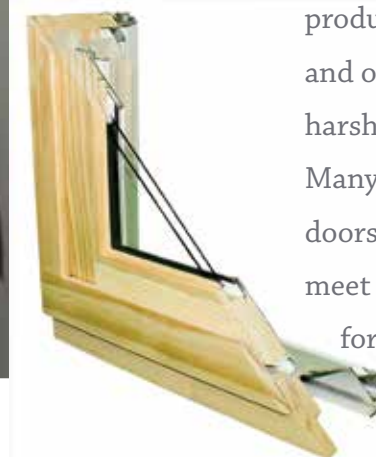
**Sash Balance System** — Quaker utilizes an enhanced block and tackle balance system designed for long-lasting durability.

**Locking and Safety Hardware** — Quaker hardware not only looks great, but the locking and safety system has been designed and tested to keep your windows secure with long-lasting performance.

**Easy Clean System** — Quaker hung windows are designed so that the sashes can easily be tilted in for easy cleaning, while utilizing a dual latch safety release system for increased safety.

**WHY IS THAT IMPORTANT TO YOU?** The Quaker Difference is important because your Brighton Windows and Doors will stand the test of time. Your products will continue to look beautiful and operate year after year, through bitter harsh winters and stifling hot summers.

Many popular brands of windows and doors claim to be the best, but can not meet the stringent industry standards set for performance longevity like Quaker products do year after year.



## CASEMENT AND AWNING WINDOWS

Brighton Casement and Awning windows offer endless design possibilities. Vents open wide to allow fresh air in and provide natural ventilation for your health and well-being.

### THE QUAKER DIFFERENCE

**Specially Designed Hardware** — Brighton's Casement/Awning Push Out and Crank Out hardware are specially designed for added strength and durability. This custom hardware also reduces air infiltration for greater energy efficiency.

**Energy Efficient Glass** — The Brighton Casement/Awning Window is manufactured with a 3/4" Insulating glass unit, which is a combination of two panes of glass with an energy spacer system between them. The sealed air space between the glass panes reduces heat transfer resulting in lower fuel bills.

**Durable Screens** — Brighton heavy-duty extruded aluminum framed screens offer exceptional visibility, superior insect protection and excellent airflow. An optional retractable screen is also available that slides easily to allow additional fresh air into your home.

**National Rating** — Brighton Casement/Awning windows have been tested to an AAMA/NWDA industry window standard and have achieved a Light Commercial Grade rating of LC60.

**WHY IS IT IMPORTANT TO YOU?** The Quaker Difference is your guarantee that your Casement and Awning windows have been tested to the most stringent industry standard.

A Light Commercial (LC) rating is typically only afforded to products designed for low to mid-rise commercial buildings. This Commercial rating is your assurance that your Brighton windows are strong, durable and will continue to perform for years to come.



## GEOMETRIC PICTURE WINDOWS

Brighton design ingenuity lets you make a small room look spacious with a uniquely shaped accent window — or add character and dramatic effect with octagons and rounds. Design a wall of dazzling toppings — transoms, half-rounds and ellipticals. Brighton windows are an architect's dream. Quaker quality comes in all shapes and sizes.

### THE QUAKER DIFFERENCE

- Solid treated Radiatta Pine Wood interior
- Extruded aluminum exterior
- AAMA 2604 or optional 2605 Powder Coat exterior Paint Finish available in any custom color
- Natural, primed or painted interior with unlimited custom colors available
- A variety of grid options to create the perfect look to meet your architectural home requirements



**WHY IS IT IMPORTANT TO YOU?** The Quaker Difference includes custom designing every window and door to satisfy your individual needs. Custom interior and exterior colors add another dimension of design possibilities for your home. Exceptional quality, outstanding performance, superior materials and expert craftsmanship are what distinguish Quaker from all of the other window and door companies in America.



## FRENCH PATIO DOORS

Open your world to a variety of design possibilities with the Brighton French Door Series. These elegant doors will enhance any décor and enrich your view of the world outside.

### THE QUAKER DIFFERENCE

**Multi-Point Locking System** — A multi-point locking system provides added safety and security. The Door locks simultaneously at the top, middle and bottom of the panel with the use of a one handle locking mechanism. Performance is also enhanced during extreme weather conditions because of the tight air seal created.

**Multiple Style Options** — The Doors are available in Out-Swing, In-Swing, True French and Single Panel styles for design flexibility and décor enhancement. Sidelites and transom units can be factory mulled to the Doors for ease of installation and reduced labor costs.

**Natural, Primed or Painted interior colors** — Brighton solid wood interior Doors can be primed or custom painted at the factory for your convenience, ease of installation, color consistency and reduced labor expense.

**WHY IS THAT IMPORTANT TO YOU?** Safety features, design flexibility and labor saving installation options are built into every Quaker product. The Quaker Difference is your assurance of superior quality in every step of the window and door making process.

Standard Door Heights— 6'8", 6'11", 8', 9'  
(Custom sizes also available)



## SLIDING GLASS DOORS

The Brighton Sliding Glass Door is ideal for your Patio area when you desire quality, beauty, ease of operation and long-lasting performance.

### THE QUAKER DIFFERENCE

**Tempered Safety Glass** — The Brighton Patio Doors are standard with tempered glass, which provides added safety and security for you and your family. Tempered glass is four times stronger than ordinary glass. If it does break, it crumbles into tiny harmless pellets.

**Durable Roller System** — Quaker utilizes a heavy-duty roller system designed for easy movement and extended use. The roller system conforms to the most stringent AAMA industry standard for long-lasting performance.

**Adjustable Locking Points** — The Brighton Sliding Glass Door has three individually adjusting locking points with opposing upper and lower lock points to prevent the door from being lifted providing additional safety and security.

**WHY IS THAT IMPORTANT TO YOU?** The Quaker difference is important because you get products that not only look beautiful and save on fuel bills, but ones with innovative features that provide added safety and security. Quaker engineers utilize leading edge technology to custom design products that will exceed your expectations.

Standard Door Heights  
6'8", 6'11", 8', 9'  
Custom sizes also available

(9' heights only available for french-rail sliding doors.  
Not available for our narrow-rail sliding doors)



## FOLDING PATIO DOORS

Modern homes make the most of their space and set themselves apart through design and comfort. No other product does that better than the Brighton Folding Patio Door. These eclectic doors pull the outdoors in and expand your living space.

### THE QUAKER DIFFERENCE

- Solid treated Radiatta Pine Wood interior
- Extruded aluminum exterior
- AAMA 2604 or optional 2605 Powder Coat exterior Paint Finish available in any custom color
- Natural, primed or painted interior custom colors
- 3/4" Insulating Glass for increased energy efficiency
- Multi-point locking system for added safety
- Knotty Alder wood option
- Superior roller system for smooth operation
- Hoppe Hardware available in 2 styles
- 10 available hardware finishes

**WHY IS IT IMPORTANT TO YOU?** The Quaker Difference not only assures you of long-lasting beauty, superior quality and performance longevity backed by independent testing and certification, but also of design flexibility. The Brighton Series offers you a variety of design options and multiple door configuration possibilities to satisfy your most creative architectural style.

Note: Doors shipped K.D.  
Maximum panel width — 3' (36")  
Minimum panel width — 2' (24")





## TELESCOPING PATIO DOORS

Expand your view with the Telescoping Doors by Quaker. The Brighton Doors have simultaneous Sliding Panels to give you a much wider view of the world outside. These doors allow you to bring nature inside and enjoy a view that is unobstructed.

### THE QUAKER DIFFERENCE

- Solid treated Radiatta Pine Wood interior
- Extruded aluminum exterior
- AAMA 2604 or optional 2605 Powder Coat exterior Paint Finish available in any custom color
- Natural, primed or painted interior custom color
- 3/4" Insulating Glass for increased energy efficiency
- Single direction handing — all panels operate either all-left or all-right
- Panels slide on two heavy-duty tandem ball bearing rollers for smooth operation
- Folding aluminum nailing fins applied
- Heavy-duty interlock for improved air and structural performance
- Knotty Alder interior wood option
- One panel to eight panel configurations with maximum overall 20' frame width (pocket style only)

**WHY IS IT IMPORTANT TO YOU?** The Quaker Difference affords you architectural design options with the wide expanse opening of the Brighton Telescopic Door. Quaker's engineering and manufacturing expertise is your assurance of superior quality, durability, long-lasting performance and design flexibility.

Panel Thickness— 1-3/4"  
Maximum Panel Width— 4'  
Maximum Panel Height— French: 10' Narrow: 8'  
Maximum Number of Panels— 8  
Maximum Frame Width— 20'  
Maximum Frame Height— 10'





# Color Options

## A SPECTRUM OF COLOR



### Exterior Colors

The Brighton Series of Windows and Doors offer you an unlimited selection of exterior colors. The extruded aluminum-clad exterior is factory-controlled to provide a baked-on finish that is maintenance-free and can be painted any color. Choose a deep rich hunter green, a soft charcoal gray or a distinct Blue to enhance your exterior design. You can be sure that whatever color you select — you will continue to enjoy a durable, rich exterior finish year after year.

### Interior Prime and Pre-Finished Colors

Brighton windows and doors can be ordered with a pre-finished interior. Your Solid wood frames are specially treated for durability and can literally be pre-finished at the factory to match any color in the rainbow.

### THE ENVIRONMENTAL CHOICE

#### Quaker Powder Coat Paint Finishes

As part of our Green initiative efforts, Quaker employs only powder-coat paint for our extruded aluminum clad exterior. Powder coat emits nearly zero Volatile Organic Compounds (VOC) into the air and Quaker recycles nearly all of the over spray eliminating any waste. Powder Coat facilities are also more energy efficient, which contribute to the Department of Energy (DOE) Zero-Net Energy initiative in buildings.

## THE LASTING BEAUTY OF WOOD

The warmth and beauty of wood is ever lasting—or at least it should be. At Quaker, we know that wood windows and doors are subject to the severe challenges of the elements. That’s why all of the Radiatta wood used in Quaker wood windows is specially treated in advance to maximize the protection against water, mold and mildew. This means long-lasting performance, additional protection for your home and most importantly — enduring beauty year after year.

Quaker treats and checks your products to the strict industry standards of the Window and Door Manufacturer’s Association (WDMA), long before it ever reaches your home — ensuring maximum protection and a long, healthy and beautiful life.

Interior Wood Species for All Windows



Radiatta Pine (standard)

Knotty Alder (optional interior species)

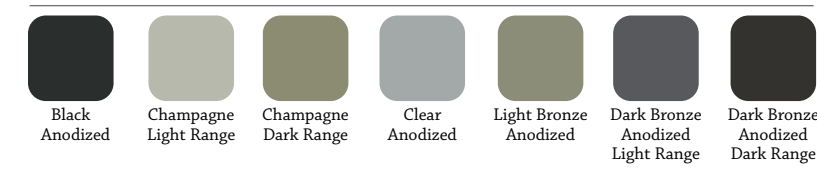
### POPULARS



### IMPRESSIVES



### RESEMBLES



*Note: Although every effort is made, printed colors may not accurately reflect the actual paint color. For an exact color match, please contact your Quaker dealer for an actual color sample. Quaker does not assume any responsibility for any misrepresentations of our colors.*



## SCREEN OPTIONS

Brighton screens have no peer. Start with BetterVue™ mesh which affords excellent visibility, superior insect protection and excellent airflow. Team that with a heavy-duty extruded aluminum framing and you'll quickly see why there's no other screen like it on the market today.

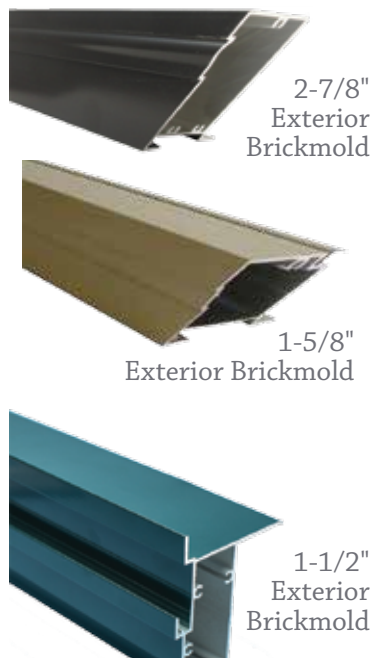


## EXTERIOR AND INTERIOR TRIM

### Mull Options



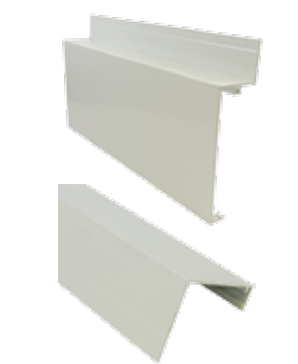
### Brickmolds



### Curved Exterior



### Flat Exterior Panning



### Sill Nose

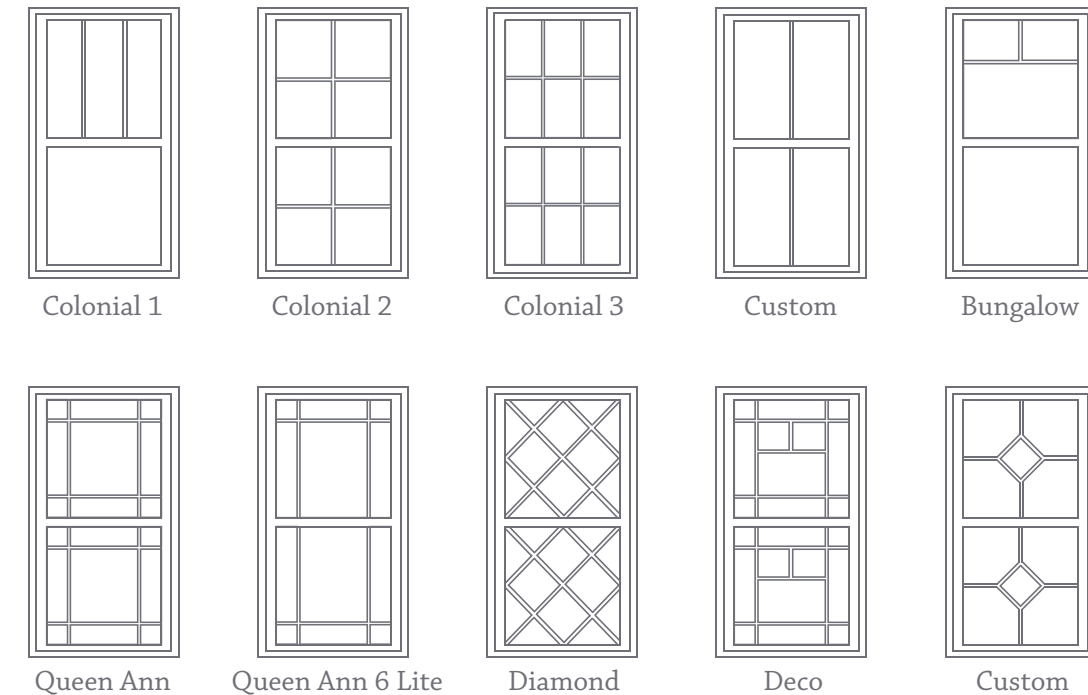


### 3-1/2 inch Casing



## SATISFY YOUR ARCHITECTURAL STYLE

Quaker offers Grid (muntin) patterns to fit just about any home design or decor. All of these patterns have variations that can make them as grandiose or discreet as you prefer. Quaker sets the highest standards for the quality of their Grids, to ensure that whatever you select will be to your architectural design satisfaction. Grids available with the Brighton Series are — *Grids Between the Glass* (GBG), *Simulated Divided Lites* (SDL) and removable.



## Screen Options

- BetterVue™ Mesh Screen (Standard)
- Aluminum Screen
- Retractable Screen (Casement shown)



# Hardware Options



# Hardware Options

## SLIDING GLASS PATIO DOORS

### HARDWARE CHOICES



Truth™ Signature Series handle set with flip lock



Truth™ Signature Series handle set with keyed lock

### AVAILABLE PLATE FINISHES

- Oil Rubbed Bronze
- Antique Brass
- Brushed Nickel
- Brushed Brass
- Brushed Chrome
- Bright Chrome
- Bright Brass
- Antique Chrome

### AVAILABLE COLOR FINISHES

- Gold
- White
- Black
- Sandstone
- Bronze
- Chestnut
- Many other color choices are available.



## WINDOW HARDWARE FEATURES

Quaker uses the highest quality Hardware to ensure long-lasting performance. Select from a variety of options to satisfy your design requirements.

## HARDWARE HANDLES

### HUNG



### CASEMENT / AWNING



### PUSH OUT



### ADDITIONAL OPTIONS



### ADDITIONAL OPTIONS

- Egress Hardware (fire escape)
- Turn Knob Handle
- Pole Operator with Hook

## FRENCH PATIO DOORS

### MULTI-POINT HARDWARE CHOICES



Hoppe™ New Orleans Series handle set



Hoppe™ Munchen Series handle set

### AVAILABLE HOPPE™ CHOICES



### PANEL OPTIONS

- Wood Panel 1/4 Height (1 or 2 plants, raised or flat design)
- Wood Panel 1/2 Height (1 or 2 plants, raised or flat design)

### ADDITIONAL HARDWARE OPTIONS

- Keyed Alike Hardware
- Handicap Ramps
- Lever handle with deadbolt. Available in the following finishes: Gold, White, Polished Brass, Antique Brass, Brushed Chrome, Oil Rubbed Bronze and Satin Nickel



## THE VALUE OF ENERGY STAR CERTIFIED PRODUCTS

As an Energy Star Partner, we offer all of the benefits that come with Energy Star



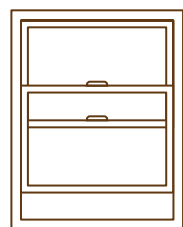
qualified windows and doors — greater energy efficiency, lower fuel bills, improved home comfort, reduced condensation potential, decreased carbon footprints and protection against damaging UV rays that affect interior fading of floors, carpets and furniture.

### UNRIVALED GLASS PERFORMANCE

Brighton windows and doors have an energy-efficient glass package to satisfy every home, in every city and state — regardless of your climate challenges. Selecting the right glass package for your home will heighten energy-efficiency and provide you with a more consistent level of comfort throughout the year.

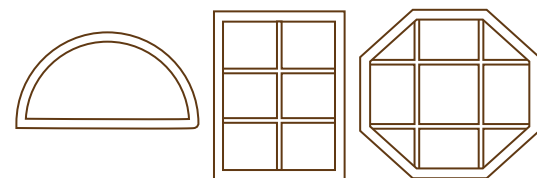
## ENERGY PERFORMANCE

### BRIGHTON HUNG WINDOW



	U-Value	SHGC
EnergyBasic	0.31	0.29
Energy3S	0.31	0.19
EnergyPlus	0.28	0.28
EnergyMAX	0.27	0.19
EnergyNorth	0.28	0.43

### BRIGHTON PICTURE WINDOW

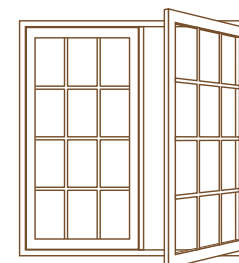


HUNG PICTURE	U-Value	SHGC
EnergyBasic	0.29	0.32
Energy3S	0.28	0.21
EnergyPlus	0.25	0.31
EnergyMAX	0.25	0.21
EnergyNorth	0.26	0.48

DIRECT SET	U-Value	SHGC
EnergyBasic	0.28	0.37
Energy3S	0.28	0.24
EnergyPlus	0.23	0.36
EnergyMAX	0.23	0.24
EnergyNorth	0.24	0.56

CA PICTURE	U-Value	SHGC
EnergyBasic	0.29	0.33
Energy3S	0.28	0.22
EnergyPlus	0.25	0.32
EnergyMAX	0.25	0.21
EnergyNorth	0.25	0.49

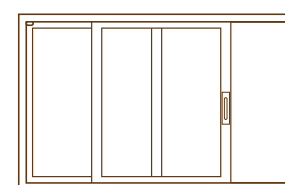
### BRIGHTON FRENCH PATIO DOOR



INSWING	U-Value	SHGC
Energy Basic	0.31	0.25
Energy 3S	0.30	0.18
Energy Plus	0.28	0.24
Energy MAX	0.28	0.18

OUTSWING	U-Value	SHGC
Energy Basic	0.31	0.24
Energy 3S	0.30	0.16
Energy Plus	0.28	0.23
Energy MAX	0.27	0.16

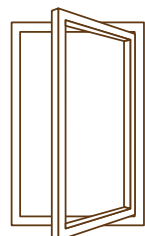
### BRIGHTON SLIDING GLASS DOOR



NARROW SLIDING	U-Value	SHGC
Energy Basic	0.29	0.30
Energy 3S	0.29	0.20
Energy Plus	0.27	0.26
Energy MAX	0.25	0.19

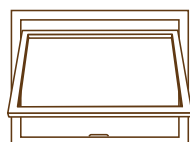
FRENCH SLIDING	U-Value	SHGC
Energy Basic	0.30	0.25
Energy 3S	0.30	0.17
Energy Plus	0.29	0.22
Energy MAX	0.27	0.17

### BRIGHTON CASEMENT WINDOW



	U-Value	SHGC
EnergyBasic	0.32	0.28
Energy3S	0.31	0.19
EnergyPlus	0.28	0.28
EnergyMAX	0.28	0.18
EnergyNorth	0.29	0.42

### BRIGHTON AWNING WINDOW



	U-Value	SHGC
EnergyBasic	0.31	0.28
Energy3S	0.31	0.19
EnergyPlus	0.28	0.27
EnergyMAX	0.28	0.18
EnergyNorth	0.29	0.42

### THE ENERGY SERIES GLASS PACKAGES INCLUDE —

#### ENERGYBASIC

Our most basic, single-coat Low-E system. It provides as much as 30% better U-Value and Solar Heat Gain coverage than clear glass.

#### ENERGY3S

Quaker's best single-coat Low-E. Compared to our EnergyBasic package, it delivers Solar Heat Gains around 25-30% better combined with similar or slightly better U-Values.

#### ENERGYPLUS

An upgraded glass package containing 2 coats of Low-E. It excels against U-V rays, with U-Values up to 15% better than single coat Low-E. Solar Heat Gains are similar to our EnergyBasic.

#### ENERGYMAX

Our top Low-E package. It contains 2 superior coats of Low-E, giving you the absolute best U-Values and Solar Heat Gain coverage all in one glass system

#### ENERGYNORTH

Get the entire breadth of natural comfort from your Brighton windows with this Dual Low-E package, specifically developed for Energy Star's Northern Climate Zone.

All values shown are NFRC certified and based on NFRC test sizes. Values shown were achieved with argon gas fill. All tests were performed without muntins (a.k.a. grids or grilles) in the product. The use of muntins in windows or doors may alter U-Values and SHGC values slightly. All testing current as of 4-1-2018. Because of continued product improvement, Quaker Window Products reserves the right to modify products. In that occurrence, test values shown may be altered as well.



**THE QUAKER DIFFERENCE**  
**Innovative product design, superior quality and outstanding service have been Quaker's driving goal for distinction in a competitive marketplace.**

Since 1949 Quaker has built a reputation on providing products with the highest level of quality in the industry. Innovative product design, superior quality and outstanding service have been Quaker's driving goal for distinction in a competitive marketplace. Meticulous care goes into every detail of the manufacturing process along

with continual quality checks and stringent testing to ensure that only the finest products are installed in your home. Engineering utilizes the latest technological advancements in their innovative product designs without compromising the exceptional craftsmanship that has been synonymous with the Quaker name since the beginning.

Quaker's dedication to providing the best products in the industry has resulted in Product and System Design Innovations, Green Enrichment Principles, Valued Added Benefits, a Mission of Continuous Improvement, Integrity in all processes and a Commitment of total Customer Satisfaction. Quaker

windows are proudly designed and manufactured in America for structural strength, durability, design flexibility and energy efficiency. Quaker is an active participant in Habitat for Humanity. National affiliations include — AMMA, NFRC and WDMA





## A HISTORY OF AMERICAN INNOVATION

Quaker takes great pride in the fact that all of our windows and doors are made at our manufacturing facilities in Freeburg, Missouri — right in the heartland of the United States of America.

## GREEN NOW FOR A BETTER TOMORROW

At Quaker Windows & Doors, thinking “Green” is nothing new to us. We’re very proud to say we’ve been offering positive, environmental products for decades. Our “Green” participation is found in every product we offer, whether through our implementation of environmentally-safe powder paint or with our use of recycled aluminum and glass.



Learn More About Brighton Windows



[www.QuakerResidentialWindows.com](http://www.QuakerResidentialWindows.com)  
[www.QuakerWindows.com](http://www.QuakerWindows.com)  
1-800-347-0438

Proudly made in America with Quaker Windows Innovation. Since 1949