

FROM
Inspiration to Reality
THE MODERNVU
IS YOURS





FROM INSPIRATION TO REALITY, THE MODERNVU IS YOURS.

ModernVu windows allow you to expand the view of your world outside throughout the changing seasons. Engineered for strength and long-lasting performance against the harshest elements that may challenge your home. ModernVu is custom designed and crafted from architecturally enhanced Aluminum, offering both durability and sleek appearance that can be shaped and combined to meet your window needs and truly turn your Inspiration into Reality.



MODERNVU CASEMENT

MODERNVU CASEMENT WINDOWS

Sit warmly inside with friends and family on a bitter cold day or relax indoors on a steaming summer day and enjoy the view outside. ModernVu Casements are perfect for all settings. Select from a variety of configurations and combinations that may include double Casements with a Picture window above or below or standalone single Casement windows. Choose from either a Crank Out or Push Out model depending on your home décor preference. Your imagination is your only limitation with ModernVu.



MODERNVU AWNING

MODERNVU AWNING WINDOWS

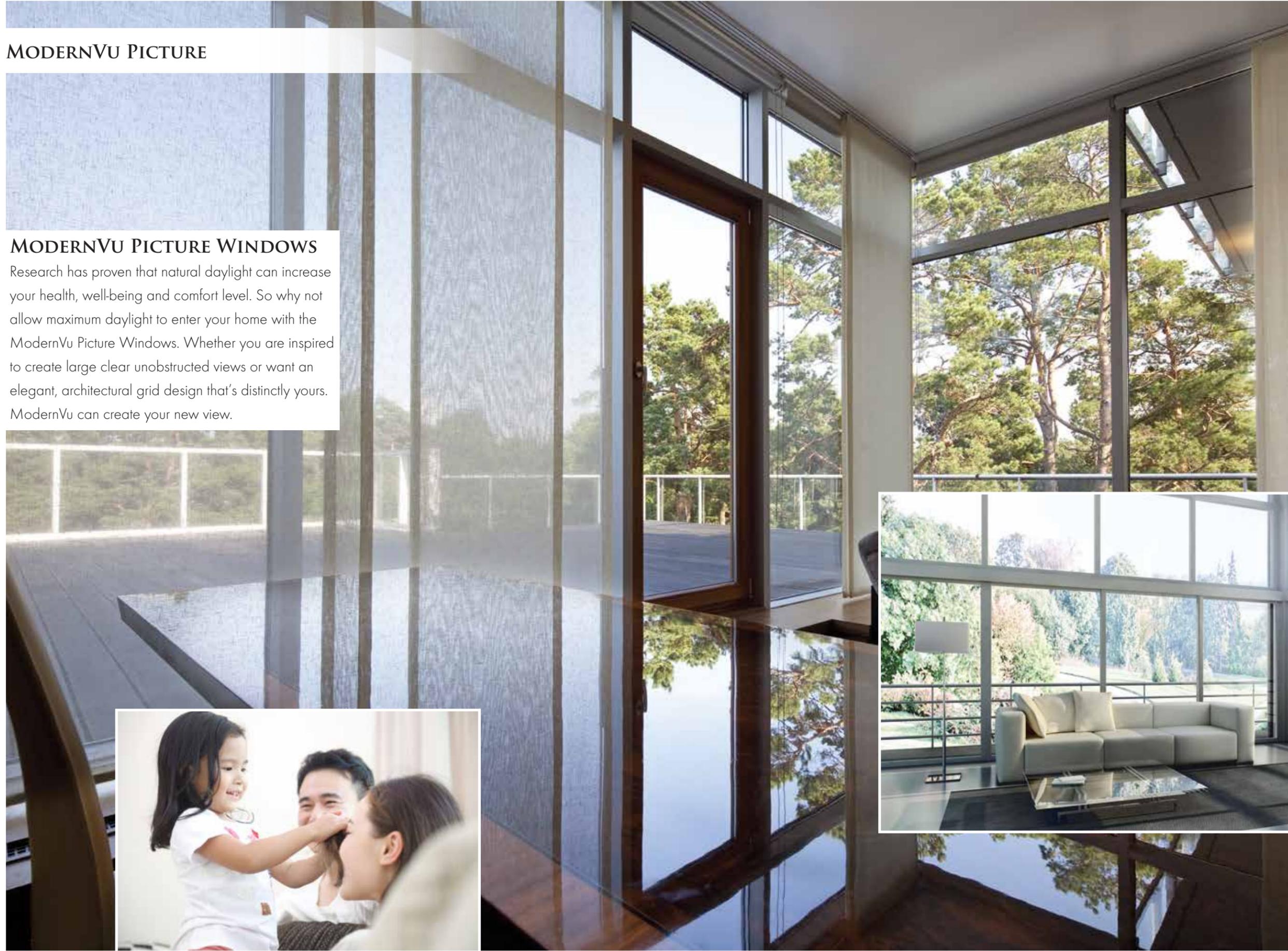
ModernVu Awning Windows are the perfect choice for any architectural style when you want to limit access to the inside, but still allow fresh air to enter your home. Like all styles in the ModernVu Series, the Awning window is made from architecturally enhanced aluminum for strength and durability and are available in both a crank out or push out model.



MODERNVU PICTURE

MODERNVU PICTURE WINDOWS

Research has proven that natural daylight can increase your health, well-being and comfort level. So why not allow maximum daylight to enter your home with the ModernVu Picture Windows. Whether you are inspired to create large clear unobstructed views or want an elegant, architectural grid design that's distinctly yours. ModernVu can create your new view.



MODERNVU GEOMETRIC PICTURE



MODERNVU GEOMETRIC SHAPES

Quaker's ModernVu Geometric Picture Windows can add a new dimension to your architectural style. Quaker custom designs the shapes to your requirements, while maintaining the energy efficiency, strength and durability that continually meet our high standards.

MODERNVU SLIDING GLASS DOORS



MODERNVU SLIDING GLASS DOORS

Quaker's ModernVu Sliding Patio Doors make transitioning from indoor life to outdoor life as easy as the slide of a finger. A variety of impressive configurations and sizes allow you to transform your inspired vision into reality. Designed and tested to stand up to everyday traffic and the harshest weather, ModernVu sliding doors bring new meaning to outdoor lifestyle enhancement.

ASK ABOUT—
*New ModernVu Multi-Slide
And Bi-Parting Doors*

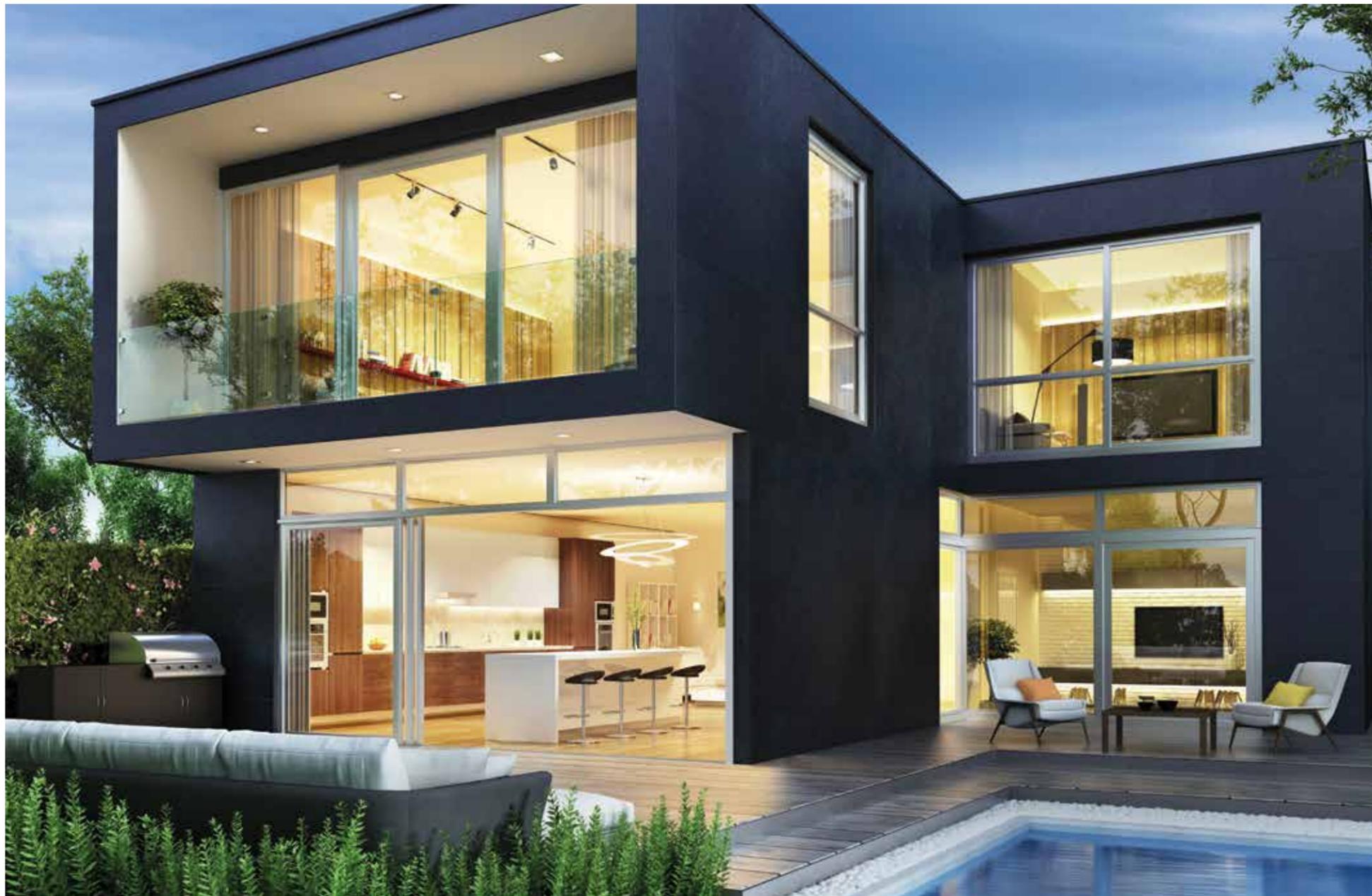
MODERNVU TERRACE DOORS

MODERNVU TERRACE PATIO DOORS

The ModernVu Terrace Doors system provides elegant flexibility to your architectural home design. Whether you select inswing, outswing, French or a combination of different styles, the ModernVu will be uniquely yours. The ModernVu terrace door system is designed for you to transform your inspiration into reality.



THE QUAKER DIFFERENCE



SOME OF THE QUAKER DIFFERENCES INCLUDE...

Architectural Design – ModernVu windows have been designed and engineered to maximize superior performance of the aluminum. This means bigger, taller and stronger windows and doors that perform to rigid architectural standards allowing you to create the perfect look without compromising on performance.

Frame Construction – ModernVu has reset the standard when it comes to frame construction strength and durability. With a full 3 1/4" frame depth, ModernVu utilizes a mitered frame and corner key system that securely squares and locks the frame tight for unrivaled performance. Each corner is additionally injected with silicone creating a rigid water-tight seal.

New Construction Residential Design – Builders and Homeowners alike love that ModernVu windows are manufactured with an integral miter cut nail fin that surrounds the entire unit. This means no gaps or uneven fins ensuring an installation friendly, secure tight fit into each window opening.

Water Management – Channeling any encroaching water away from the inside and back out of the house is an essential part of any window system. The ModernVu series has been designed to incorporate an internal water management and weep system, which safely channels any water away from the unit and the interior of your home.

Color Flexibility and Paint Performance – Quaker has one of the largest state-of-the-art aluminum window powder paint facilities in the United States. This not only enables Quaker to offer the ultimate in color flexibility (see page 23), but also ensures each window's finish is of the highest quality and durability.

Thermal Performance – Traditionally, aluminum windows and doors were not known for their thermal performance, but Quaker has changed all of that. With its architecturally enhanced aluminum frame design, ModernVu minimizes the effects of thermal transfer. Combine that with the optimal glass combination for your part of the country and you can see thermal performance results as much as 20% better than older generation aluminum windows.

Glass Combinations – Quaker offers a wide range of energy-efficient glass packages (see page 21) to satisfy your requirements. The ModernVu design accommodates insulated glass from 1" to 1-3/8" thick. With a 1" glass system, the ModernVu ensures design flexibility and superior thermal performance. The 1-3/8" system, gives you all that performance, plus superior sound deadening qualities utilizing laminated glass and a larger air space cavity. No matter which glass thickness or options you select, you can be assured of the same uniform look throughout your home.

WHAT IS THE QUAKER DIFFERENCE?



It is 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. It is providing more than windows and doors, it's providing the "Right Solution" to our customers. That's the "Quaker Difference".

MODERNVU CASEMENT / AWNING WINDOWS FEATURES AND BENEFITS



Roto Handles



Roto Finishes



Push Out Handles



Push Out Finishes



Standard Features and Benefits

- 3-1/4" architecturally enhanced aluminum frame
- 1" insulating glass for optimal energy efficiency
- Multi-point locking system for ease of operation, added safety and greater aesthetic appeal (Crank-Out style)
- Cam turn handle hardware (Push-out style)
- Adjustable roto crank-out hardware
- Integral Nailing Fin
- Full screen with BetterVue screen mesh standard for crank out models
- Wicket screen with aluminum screen wire standard for push out models

Options

- Structural Mullions
- Grids – Internal or Simulated Divided Lites (SDL)
- Multiple glazing packages and Finish options
- 1-3/8" glazing pocket for enhanced sound attenuation
- Impact tested with special glazing

ModernVu (Minimum and Maximum) Casement Thermal Aluminum Windows

| | Roto Model | Push Out Model |
|----------------|------------|----------------|
| Maximum width | 48** | 36" |
| Maximum height | 96** | 72" |
| Minimum width | 18" | 14" |
| Minimum height | 24" | 18" |

* Maximum width and height cannot be used together. Width and height, when added together, cannot exceed 132"

Casement Energy performance

| | U-Value | SHGC |
|----------------|---------|---------|
| EnergyBasic | 0.43 | 0.29 |
| Energy3S | 0.42 | 0.20 |
| EnergyPlus | 0.39 | 0.29 |
| EnergyMAX | 0.39 | 0.19 |
| EnergyEnhanced | Pending | Pending |

ModernVu (Minimum and Maximum) Awning Thermal Aluminum Windows

| | Roto Model | Push Out Model |
|----------------|------------|----------------|
| Maximum width | 72** | 72" |
| Maximum height | 84" | 48" |
| Minimum width | 22-5/8" | 14" |
| Minimum height | 22" | 14" |

* Maximum width and height cannot be used together. Width and height, when added together, cannot exceed 120"

Awning Energy performance

| | U-Value | SHGC |
|----------------|---------|---------|
| EnergyBasic | 0.43 | 0.29 |
| Energy3S | 0.42 | 0.20 |
| EnergyPlus | 0.40 | 0.29 |
| EnergyMAX | 0.39 | 0.19 |
| EnergyEnhanced | Pending | Pending |

MODERNVU PICTURE WINDOWS FEATURES AND BENEFITS



Standard Features and Benefits

- 1" insulating glass for added energy efficiency
- Extended sizes allow for larger viewing areas
- Narrow sightlines for increased viewing area

Options

- Grids – Internal or Simulated Divided Lites (SDL)
- Multiple glazing packages and Finish options
- 1-3/8" glazing pocket for enhanced sound attenuation
- Impact tested with special glazing

ModernVu (Minimum and Maximum) Picture Thermal Aluminum Windows

| | |
|----------------|-------|
| Maximum width | 120** |
| Minimum height | 120** |
| Minimum width | 12" |
| Minimum height | 10" |

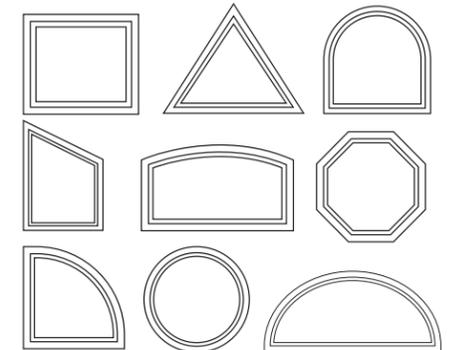
* Maximum width and height cannot be used together. Width and height, when added together, cannot exceed 180"

Picture Window Energy performance

| | U-Value | SHGC |
|----------------|---------|---------|
| EnergyBasic | 0.31 | 0.36 |
| Energy3S | 0.30 | 0.24 |
| EnergyPlus | 0.26 | 0.35 |
| EnergyMAX | 0.26 | 0.23 |
| EnergyEnhanced | Pending | Pending |

GEOMETRIC PICTURE WINDOWS

ModernVu windows are made from extruded Aluminum with a high ratio of strength-to-weight allowing the material to be easily shaped to satisfy your architectural decor.



SLIDING GLASS DOORS AND FRENCH DOORS FEATURES

MODERNVU SLIDING GLASS PATIO DOORS



Hardware Choices
Truth Sentry

Available Color Finishes



Standard Features and Benefits

- Panels – 2, 3 and 4 panel configurations available
- Architecturally enhanced aluminum frame
- Steel rollers for ease of operation
- Internal weep system for effective water drainage
- Anodized threshold with 1-9/16" sill height
- D-loop handle set with thumb latch and key
- Sliding screen with BetterVue mesh
- Available with or without Nailing Fin

Options

- Upgrade to premium 2" roller system for superior gliding operation
- ADA thumb latch hardware
- Flush handle hardware
- Impact glass where building codes necessitate
- Door and window combinations available for incomparable views
- Footbolt

| ModernVu (Minimum and Maximum) Sliding Glass Patio Door Sizing | | | |
|--|---------|---------|-----------|
| | 2-Panel | 3-Panel | 4-Panel |
| Max. width | 120" | 180" | 240" |
| Max. height | 120" | 120" | 120" |
| Min. width | 48" | 76-3/8" | 100-1/16" |
| Min. height | 48" | 48" | 48" |

| Sliding Glass Patio Door Thermal Performance | | |
|--|---------|---------|
| | U-Value | SHGC |
| EnergyBasic | 0.40 | 0.32 |
| Energy3S | 0.40 | 0.21 |
| EnergyPlus | 0.35 | 0.32 |
| EnergyMAX | 0.35 | 0.21 |
| EnergyEnhanced | Pending | Pending |

MODERNVU TERRACE PATIO DOORS

Hardware Choices



Available Color Finishes



Standard Features and Benefits

- Inswing or Outswing models
- Architecturally enhanced aluminum frame
- Adjustable hinge systems add to operational ease
- 5-point locking system for added security
- Door won't sag with heavy-duty corner key system
- 2-way adjustable hinge
- No Nailing Fin
- Stylish lock and turn-key handle set

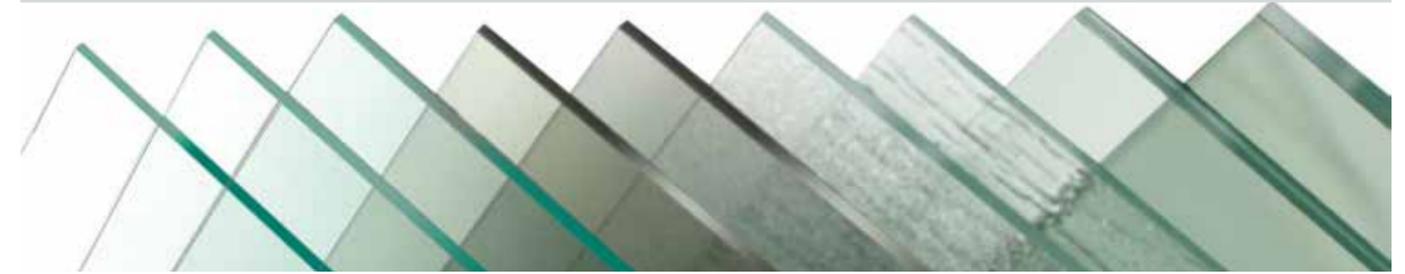
Options

- Sidelites/transoms with matching sightlines
- ADA sill
- 10" kick plate
- Surface mounted closure
- 3-way adjustable hinge
- Impact glass where building codes necessitate
- Door and window combinations available for incomparable views
- Keyed alike hardware for multiple doors

| ModernVu (Minimum and Maximum) Terrace Patio Door Sizing | | |
|--|---------|---------|
| | 1-Panel | 2-Panel |
| Maximum width | 48" | 84" |
| Maximum height | 120" | 120" |
| Minimum width | 24" | 48" |
| Minimum height | 72" | 72" |

| Terrace Patio Door Thermal Performance | | |
|--|---------|---------|
| | U-Value | SHGC |
| EnergyBasic | 0.41 | 0.28 |
| Energy3S | 0.37 | 0.19 |
| EnergyPlus | 0.36 | 0.28 |
| EnergyMAX | 0.37 | 0.19 |
| EnergyEnhanced | Pending | Pending |

MODERNVU GLASS PACKAGES



Unrivaled Glass Performance

ModernVu windows and doors have an energy-efficient glass package to satisfy every home, in every city, every 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

The Energy Series Glass Packages include –

ENERGYBASIC

Our basic Low-E provides as much as 30% better U-Value and Solar Heat Gain coverage than clear glass.

ENERGY3S

Comparable to our EnergyBasic, yet delivers Solar Heat Gains 25-30% better.

ENERGYPLUS

An upgraded Low-E system that excels against U-V rays, and extends energy-efficiency up to 15%.

ENERGYMAX

If low U-Values and Solar Heat Gains are an absolute must, this glass system maximizes your coverage.

ENERGYEnhanced

Elevates both comfort and views. Special Low-E enhances energy-efficiency and reduces glare, presenting a near HD appearance. Plus, your glass is kept clean naturally with the addition of Neat+ Low Maintenance glass.

Also Try

- EnergyObscure – Designed for areas needing the utmost in privacy
- Tempered Glass for safety
- Laminated Glass for safety and sound attenuation
- Impact Glass for coastal areas that mandate paramount protection
- Bronze, Gray, Blue and Green Tinted Glass

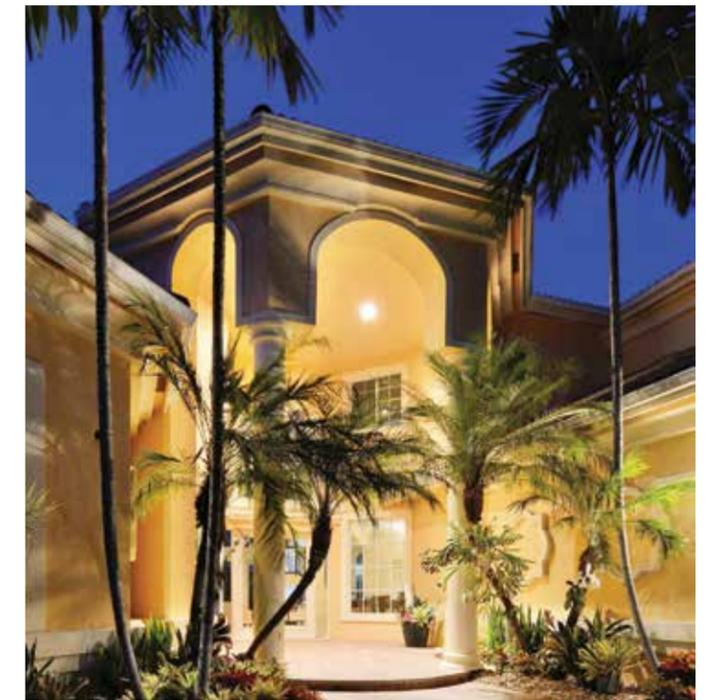
Or ask about other custom glass choices

Impact Protection

Quaker has designed our ModernVu Series to offer an Impact Window option to meet nationally recognized impact standards.

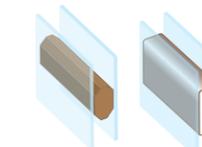
Impact products are specially glazed and structurally reinforced to meet or exceed codes mandated for areas where violent high wind conditions and wind-borne debris may occur.

All ModernVu windows and doors are certified to meet nationally recognized Impact standards.



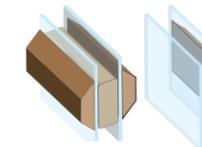
OPTIONAL GRID CHOICES

Grids Between the Glass



Decorative internal muntins add a distinct style to your windows. Because they are inside the glass, they are dust and maintenance free.

Simulated Divided Lites



Truly enhance your ModernVu windows with Simulated Divided Lites (SDL). SDL's, with their 3-dimensional feel, simulate individual glass panes (divided lites) for a decorative and distinct impression.

SATISFY YOUR ARCHITECTURAL STYLE



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 –

including our recycling initiatives, our environmentally-safe powder paint and our innovative product designs that increase ventilation, thermal

comfort, daylighting and energy performance levels.



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. While not all of our product/glass combinations meet Energy Star criteria, we're proud to assert that several do – a major feat for aluminum windows and doors and a great testimonial for our ModernVu Series.

A SPECTRUM OF COLOR



Rich Colors

When it comes to windows and doors, there is probably no feature more discussed than color. The ModernVu Series of windows and doors removes that pressure by offering an unlimited selection of colors. Choose a deep rich hunter green, a soft charcoal

gray or a distinct Blue to enhance your home's design. Whatever you want - whatever your style - the ModernVu is the cure for the common color. To help get you started, we have 38 "Quick Pick" colors from which to choose.

SolarLE

Keep your window and door exteriors cooler with optional SolarLE Paint, an additive that works much like Low-E in glass. SolarLE Paint is proven technology that has been adapted to work with windows. It diminishes surface temperatures as much as 15% by repelling excessive solar heat, reducing the possibility of thermal heat transfer through your windows and doors. Available with Textured Dark Espresso and Textured Black coatings.

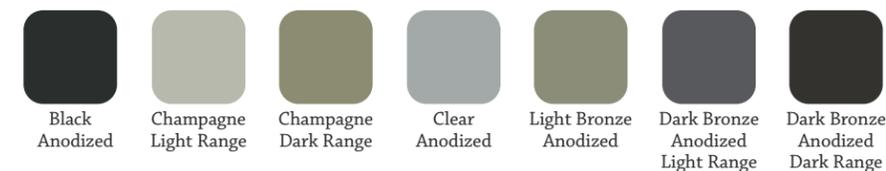
The Environmental Choice

As part of our Green initiative, we employ only powder coat paint for our extruded aluminum exteriors. Powder-coatings emit nearly zero VOC's (Volatile Organic Compounds) into the air, and almost all of our over-spray is reclaimed thus eliminating waste. Powder Coat facilities are also more energy efficient, which contribute to the Department of Energy's Zero-Net Energy initiative.

IMPRESSIVES PALETTE OF COLORS



RESEMBLES COLORS



* 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.



MADE IN AMERICA

For more than 70 years, Quaker Windows & Doors has been manufacturing products in Freeburg, Missouri – right in the heartland of America. When it comes to windows and doors that truly set a home or building apart, Quaker has them. We offer that unique blend of design, quality craftsmanship, with state-of-the-art manufacturing technology to create the perfect solution for your home.



Learn More About Brighton Windows



www.QuakerResidentialWindows.com
www.QuakerWindows.com
1-800-347-0438

*Proudly made in America with Quaker Windows Innovation.
Since 1949*