

# EdgeVu

NARROW ALUMINUM SERIES





The EdgeVu Series by Quaker Residential Windows and Doors is architecturally elegant, where sleek lines and oversized glass gives access to the brilliance of the outside world and visual harmony and balance prosper in unison.

EdgeVu Windows & Doors offer a dynamic blending of tones, shapes and styles. The series was created to add a keen interest to contemporary design and foster the desire to learn more.

Envision Tomorrow, Today.





# EdgeVu Windows Size & Performance (H450)

- Patented OptiCore Technology Framing System
  - 3-1/4" Extruded Aluminum Frame
  - 1-1/2" Sightlines - Fixed
  - 2-5/16" Sightlines - Vent
- Dual Euro-Groove Frame System to Improve Water and Wind Performance
- Sealant Injected Double Corner Key Frame Design Technology Offers Maximum Structural Performance
- Azo-Core Thermal Barrier System for Increased Energy Efficiency and Reduced Thermal Conductivity
- Multiple Glazing Package Options Compliment Region and Climate
- Structural Mull Availability Offers Wider and Taller Sizing Options
- Internal or Simulated Divided Light (SDLs) Grids Available
- High-Performance 2604 and 2605 Powder and Class 1 Anodized Finishes
- Custom Color Matching and Heat Reflective Paint Options

Window Sizing				
Operation	Width		Height	
	Min	Max	Min	Max
Awning Roto	20"	72"	18"	84"
Awning Push Out	20"	72"	18"	84"
Casement Roto	18"	48"	18"	84"
Casement Push Out	18"	36"	18"	84"
Direct Set	10"	120"	10"	120"
Single Hung	17"	72"	30"	132"

Window Performance						
Operation	Rating	Structural Load (P.S.F.)	Air Infiltration	Water (P.S.F.)	U-Value	SHGC
Awning Roto	CW-85	85.2	0.12	15.03	0.31 - 0.35	0.20 - 0.31
Awning Push Out	CW-90	90.2	0.12	15.03	0.31 - 0.35	0.20 - 0.31
Casement Roto	CW-90	90.2	0.01	15.03	0.31 - 0.35	0.20 - 0.31
Casement Push Out	CW-90	90.2	0.11	15.03	0.31 - 0.35	0.20 - 0.31
Direct Set	AW-100	100.2	0.01	15.03	0.23 - 0.29	0.24 - 0.37
Single Hung	AW-60	60.15	0.07	10.66	0.29 - 0.33	0.21 - 0.31

# EdgeVu M-Series Lockbox Doors Size & Performance (M600IL)

- Thermally Broken Aluminum Frame and Door Panels
  - 4-1/2" Frame Depth
  - 2-7/8" Sight Lines
- Azon™ Polyurethane Thermal Barrier
- Architecturally Correct Dimensional Glass Cut-Out
- Single and 2-Panel French Door Panel Configurations
- Corner Key Frame Technology for Maximum Structural Performance
- Continuous Frame - Doors and Transoms
- Architectural Barrel Hinges
- Multipoint Hardware
- Internal or Simulated Divided Light (SDLs) Grids Available
- 1" or 1-3/8" Glazing Pocket
- Offered with Standard, ADA, or No Sill Options
- High-Performance 2604 and 2605 Powder and Class 1 Anodized Finishes
- Custom Color Matching and Heat Reflective Paint Options

Grid Options	
Inswing - Standard	
External Grid Max Height	Internal Grid Max Height
5/8"	1/2"

Swing Door Sizing					
Operation	Width		Height		Max UI
	Min	Max	Min	Max	
Single Panel	24"	48"	48"	120"	168"
Two Panel	48"	96"	48"	120"	216"
Sidelite	15.5"	96"	15.5"	120"	192"
Transom	15.5"	108"	15.5"	120"	192"



# EdgeVu M-Series Elongated Lockbox Doors Size & Performance (M600IL)

- Thermally Broken Aluminum Frame and Door Panels
  - 4-1/2" Frame Depth
  - 2-7/8" Sight Lines
- Azon™ Polyurethane Thermal Barrier
- Architecturally Correct Dimensional Glass Cut-Outs
- True Divided Lights - Available in Three or Four lite
- Single and 2-Panel French Door Panel Configurations
- Corner Key Frame Technology for Maximum Structural Performance
- Continuous Frame - Doors and Transoms
- Architectural Barrel Hinges
- Multipoint Hardware
- Internal or Simulated Divided Light (SDLs) Grids Available
- 1" or 1-3/8" Glazing Pocket
- Offered with Standard, ADA, or No Sill Options
- High-Performance 2604 and 2605 Powder and Class 1 Anodized Finishes
- Custom Color Matching and Heat Reflective Paint Options

Grid Options	
Inswing - Standard	
External Grid Max Height	Internal Grid Max Height
5/8"	1/2"

Swing Door Sizing					
Operation	Width		Height		Max UI
	Min	Max	Min	Max	
Single Panel - Three Lite	24"	48"	80"	96"	168"
Single Panel - Four Lite	24"	48"	96"	120"	168"
Two Panel - French - Three Lite	48"	96"	80"	96"	216"
Two Panel - French - Four Lite	48"	96"	96"	120"	216"
Sidelite	15.5"	96"	15.5"	120"	192"
Transom	15.5"	108"	15.5"	120"	192"





## Glazing Packages Options

Glazing Package Options				
Glazing Package	U-Value	SHGC	VT	CR
Energy Enhanced	Lower	Lower	Lower	High
Energy North	Lower	Moderate	Highest	High
Energy Basic	Moderate	Low	Higher	Highest
Energy Plus	Lowest	Low	Higher	Higher
Energy 3S	Low	Lower	Moderate	Highest
Energy Max	Lower	Lower	Moderate	Higher
Energy 4S	Low	Lowest	Moderate	Highest
Energy 4S+	Lower	Lowest	Moderate	Higher
Triple Pane	Lowest	Lowest	High	Higher

- **U-Value:** Represents the heat flow through a window and is measured in BTU/hr-ft<sup>2</sup>. The lower the rating the better the reduction in heat loss.
- **Solar Heat Gain (SHGC):** Is used to measure the amount of radiated heat entering a building. The lower the rating, the better the glazing package is in preventing solar gain.
- **Visible Transmittance (VT):** Measures the amount of visible light transmitted through a window.
- **Condensation Resistance (CR):** Measures how well a window resists condensation on its interior surface. The higher the rating, the better the glazing package is able to resist condensation.

## Comparative Glazing Packages

Comparative Glazing Packages	STC	OITC
Single Pane Window	20	19
1" (25.5 mm) 2-Pane IG Casement	32	28
1" (25.5 mm) 2-Pane Laminated IG Casement	35	31
1.375" (34.6 mm) 3-Pane Laminated IG Casement	38	33
Other Glass Configurations Available Upon Request		

- **STC (Sound Transmission Class):** is used to calculate the results of soundproofing between rooms or through walls. It is a measurement of decibel reduction. The STC Frequency Scale ranges from 125 Hz to 4000 Hz. The higher the number, the better the product in dampening ambient sound.
- **OITC (Outside Inside Transmission Class):** This rates the transfer of sound between an outdoor space and an indoor space. OITC has a frequency scale between 80 Hz and 4000 Hz and is used for calculating sound controls against low frequency exterior sounds. The higher the number, the better the product is in dampening sound.









## A Modern Twist in a Retro Type of Way

Replicating the look and feel of steel, the EdgeVu Series has been Engineered to meet the strictest building codes regardless of region or climate.

Uniquely stylized to Bridge the Patterns of contemporary Architectural Design, Dynamic Features and Simplistic Construction, these characteristics have been Blended together to offer FGIA certified AW-ratings tied to oversized gateway sizes.

## Historic Flair meets Modern Performance

Visually Ageless, the EdgeVu Series brings forward the graded sight lines of steel windows, but adds a Modern Twist and Urban Flair.

Designed to match the iconic look of yesterday and drawn to define the contemporary feel of tomorrow, EdgeVu intertwines modern Technological Advances with a proprietary frame design to provide Superior Performance and Product Flexibility.

Uncompromised Construction, Framed to Perfection.



A. Azon™ Thermal Barrier utilizes a polyurethane foam that has been designed to create greater thermal performance throughout your entire home.

Meets the stringent Energy Star Standards across all 50 states.

B. Euro-Groove Frame and Sash System achieves a tighter perimeter seal and improves, water, air and wind performance characteristics.

C. 1" or 1-3/8" Glazing Pockets offer glass package options to fit every region and every climate.



# Solids, Textures and Metallics

Collaborative color palettes created to define your space and offer a view of who you are.

## Natural Tones

A blending of stepped contrasts and subtle shades.



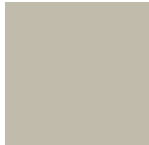
Satin Creme



New Bone White



Oyster White



Beige



Sandstone



Beige Grey



Toffee



Earthtone



Patina Green



Moss Green



New Dark Bronze

## Metallics

A modern and consistent interpretation of anodized finishes.



Clear Anodized



Champagne Light Range



Champagne Dark Range



Light Bronze



Dark Bronze Light Range



Dark Bronze Dark Range



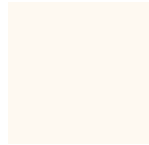
Black Anodized

## Monotones

Illuminating the neutral spectrum of color saturation and hue.



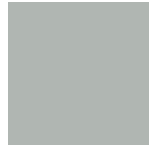
White



Sky White II



Polar White



Agate Grey



Slate Grey



Telegrey I



Dark Bronze



Gloss Black



Black

**A Color For Every Space:** All EdgeVu products can be customized to something truly unique. Whatever your lifestyle and preference, the Quaker Residential color selection has you covered.

## Historic Shades

Deepened colors that draw from the classic designs.



Teal



Interstate Blue



Holly Green



Redwood



Burgundy



Chestnut

## Textures

Mixed to create visual depth and dimension on window and door surfaces.



Textured Black



Textured Dark Bronze



Textured Dark Gray



Textured Dark Espresso



Textured Dark Espresso Heat Reflective



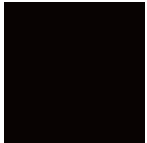
Textured Black Heat Reflective

## Hardware Colors and Finishes

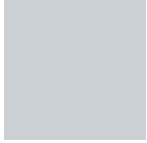
Endearing colors, chosen to enhance and frame our thoughts and visions.

### EdgeVu Hardware

Available Hardware colors across the EdgeVu Product Line.



Matte Black



Satin Nickel

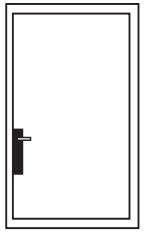


Some photography courtesy of Berk Walters Homes

## EdgeVu Door Configurations

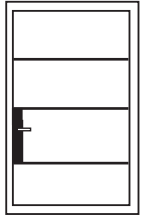
### LockBox Door

A hinged door that offers a full glass light and a floating keyed lockbox. Available in both Single and 2-Panel French Door Operational Styles.



### Elongated LockBox Door

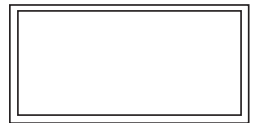
A hinged door that offers true divided lite glass and a keyed lockbox. Available in both Single and 2-Panel French Door Operational Styles.



## EdgeVu Window Configurations

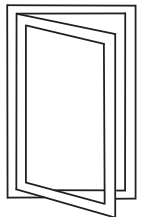
### Picture

A fixed-pane window that is available in nearly any shape or size.



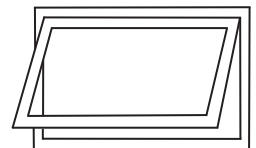
### Casement

Swinging outward, this window pivots from the side and is available with Roto-Crank or Outswing Operating hardware.



### Awning

A window that pivots from the top and swings open at the bottom.





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To learn more about  
Quaker, scan here:



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