



V-SERIES

COMMERCIAL VINYL WINDOWS & DOORS

Casement | Project-Out | Hung | Horizontal Slider | Fixed | Doors



Credit: VerveColumbus.com

**Design Flexibility.
Budgetary Advantages.
Advanced Energy Efficiencies.**

www.QuakerCommercialWindows.com

V-SERIES

COMMERCIAL VINYL WINDOWS & DOORS

Quaker's V-Series family of commercial vinyl windows and doors is the new benchmark for today's design professionals, builders and glazing contractors. The V-Series puts an end to outdated perceptions of commercial vinyl while securing trust on both structural and thermal fronts.

V150

An ideal, cost-conscious window and door alternative for low-rise light commercial projects.

V200

Design flexibility paired with energy savings. Built-in budgetary advantages are a bonus.

V250

Windows and doors that level-up from the norm. Built to stand strong against feisty inland weather.

V300

Effectively taking vinyl to new heights. An advantageous go-to in place of traditional aluminum.

V600

With high AW Ratings, this is now the modern benchmark for Commercial/Architectural uPVC Vinyl Windows.

V700

Exceptional, Impact-tested vinyl windows. Specifically designed to meet ASTM 1886 test requirements.



The Fred
Edina, MN
Developer: Solhem Companies
Contractor: Weis Builders
Architect: BKV Group
Comm. Window Dist.: Prosource Bldg. Supply

Credit: Solhem Companies



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COMMERCIAL VINYL WINDOWS & DOORS

Product Comparison Guide

Window and Door models	V150	V200	V250	V300	V600	V700
Casement/Project-Out models		✓	✓	✓	✓	✓
Single Hung/Double Hung models	Single Hung only	✓	✓	Single Hung only		
Horizontal Slider models	✓	✓	✓	✓		
Fixed models	✓	✓	✓	✓	✓	✓
Doors	Sliding	Sliding	Sliding	Swinging		

Features	V150	V200	V250	V300	V600	V700
Mitered/Fusion Welded Corners	✓	✓	✓	✓	✓	✓
Vinyl Colors (White and Sandstone)	✓	✓	✓	✓	✓	✓
Integral Nail Fin	✓	✓	✓	✓		✓
Multi-point Locking System w/Flip-down handle (Casement, Project-Out models)		✓	✓	✓	✓	✓
Heavy-Commercial 4-bar hardware (Casement, Project-Out models)		✓	✓	✓	✓	✓
Low-Profile cam lock (Hung and Sliding models)	✓	✓	✓	✓		
Integral J-Channel (Hung and Sliding Models)		✓	✓			
Aluminum Screen with BetterVue™ mesh (Hung, Sliding models)	✓	✓	✓	✓		
FlexScreen™ (Casement and Project-Out models)		✓	✓	✓		✓
Aluminum Screen with BetterVue™ mesh (Sliding Door)	✓	✓	✓			
Recommended usage (# of stories)	1 to 4	1 to 4	1 to 5	1 to 11	1 to 20	1 to 11
NAFS Performance Class	R	R, LC	LC	CW	AW	CW

Options	V150	V200	V250	V300	V600	V700
Painted Exterior (615-05 FGIA finish)		✓	✓	✓		✓
High-performance Textured Black Laminate (Exterior)	✓	✓	✓	✓	✓	✓
High-performance Textured Black Laminate (Interior and Exterior)		✓	✓	✓	✓	✓
High-performance Textured Dark Bronze Laminate (Exterior)		✓	✓	✓	✓	✓
High-performance Resembles Clear Anodized Laminate (Exterior)				✓	✓	✓
High-performance Textured Dark Grey (Exterior)		✓	✓	✓		✓
Wide Variety of Low-E/Argon glazing combinations	✓	✓	✓	✓	✓	✓
1 3/8" Glazing				✓	✓	✓
Muntins - GBG (Grids Between Glass) 5/8" and 3/4"	5/8" only	✓	✓	✓	✓	✓
Muntins - SDL (Simulated Divided Lites)		✓	✓	✓	✓	✓
Reinforced Mullions	✓	✓	✓	✓	✓	✓
1/2" and 2" Structural Mullions	1/2" only	✓	✓	✓	✓	✓
Egress Hardware (Casement Windows)		✓	✓	✓		✓
Limited Travel Hardware		✓	✓	✓	✓	✓
Finless Main Frame	✓	✓	✓	✓	✓	✓
Extruded Aluminum Screen Frame with Aluminum Wire Mesh		✓	✓	✓		✓

V-SERIES

COMMERCIAL VINYL WINDOWS & DOORS

Support Services

Just like our full collection of uPVC windows and doors, Quaker's expertise and support services are unmatched in the industry. While every project is distinct, Quaker offers in-house processes which consistently cover every detail. These fool-proof procedures ensure your project and our V-Series products are a perfect match.

- Quaker has a dedicated commercial team with more than 200 years of combined industry experience
- Quaker's team will assist with every facet; design development, budgetary aspects, and project management



PROJECT AND SPECIFICATION REVIEW

How many stories are in the building?
Where is it located?
How large are the windows?
These and other important questions must be answered before moving forward.



ENGINEERING & DESIGN ASSESSMENT

After evaluating every component making up your project, our professional engineering expertise is put to work, as we carefully calculate customized solutions to best meet your spec's requirements.



LOCAL AND ARCHITECTURAL SALES SUPPORT

Quaker's Sales Representatives, many with 25+ years of knowledge and industry pedigree, have a vested interest in working beside you...not from afar. If you have questions, they want to answer them. If you have a concern, it's their concern too.



Find out why Quaker's architectural support and services will help your project from start to finish.



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COMMERCIAL VINYL WINDOWS & DOORS

Selection Guide

Model	Series	Frame Depth	Structural Test Rating	Test Size	Design Pressure	Air Infiltration	Water Resistance	U-Value Range [#]	STC Range ^x	OITC Range ^x
Casement	V200	3 1/4"	R50	24" x 60"	50	<.30	7.5	.24-.46		
	V250	3 1/4"	LC35	32" x 60"	35	<.30	5.43	.24-.46		
	V300	3 1/4"	CW50	36" x 78"	50	<.30	7.5	.17-.41	34-41	29-34
	V600	3 1/4"	AW75		75	<.10				
	V700	3 1/4"	CW50	36" x 78"	50	<.30	7.5		34-41	29-34
Project-Out	V200	3 1/4"	R40	48" x 18"	40	<.30	6.06	.25-.46		
	V250	3 1/4"	LC35	48" x 32"	35	<.30	5.43	.25-.46		
	V300	3 1/4"	CW50	60" x 32"	50	<.30	7.5	.17-.42	35	29
	V600	3 1/4"	AW75		75	<.10				
	V700	3 1/4"	CW50	60" x 32"	50	<.30	7.5		35	29
Double Hung	V200	3 1/4"	R40	40" x 63"	40	<.30	6.06	.24-.51		
	V250	3 1/4"	LC35	36" x 84"	35	<.30	5.43	.25-.52		
Single Hung	V150	2 3/4"	R40	40" x 63"	40	<.30	6.06	.24-.40		
	V200	3 1/4"	R35	40" x 63"	35	<.30	5.43	.25-.52	34-35	27
	V250	3 1/4"	LC35	44" x 75"	35	<.30	5.43	.25-.52		
	V300	3 1/4"	CW50	56" x 91"	50	<.30	7.5	.20-.46	32-35	26-28
Horizontal Slider	V150	2 3/4"	R40	63" x 44"	40	<.30	6.06	.24-.40		
	V200	3 1/4"	LC40	63" x 44"	40	<.30	6.06	.25-.52	29-31	24-28
	V250	3 1/4"	LC40	63" x 44"	40	<.30	6.06	.25-.52	29-31	24-28
	V300	3 1/4"	CW50	71" x 60"	50	<.30	7.5	.20-.46	32-34	26-29
Fixed	V150	2 3/4"	R40	60" x 60"	40	<.30	6.06	.22-.39		
	V200	3 1/4"	R50	48" x 48"	50	<.30	7.5	.22-.51		
	V250	3 1/4"	LC35	56" x 56"	Up to 50	<.30	Up to 7.5	.22-.51		
	V300 (wide rail)	3 1/4"	CW50	72" x 84"	50	<.30	7.5	.15-.43	35	29
	V300 (narrow rail)	3 1/4"	CW50	78" x 78"	50	<.30	7.5	.14-.45		
	V600	3 1/4"	AW100		100	<.10				
	V700	3 1/4"	CW50	60" x 72"	50	<.10	7.5			
Swing Door (all models)	V300	3 1/4"	CW50	40" x 84"	50	<.30	7.5	.21-.30		
Sliding Door	V150	4 7/8"	R50	71" x 80"	50	<.30	7.5	.28-.29		
	V200/V250	5 5/8"	LC40	72" x 82"	Up to 50	<.30	Up to 7.5	.17-.30		

*-Ranges based on multiple Low-E/Argon I.G. combinations

^x-Ranges based on multiple I.G. combinations

All ratings listed are NAFS certified. Periodic re-certification testing is required thus data shown may vary slightly.

800-347-0438



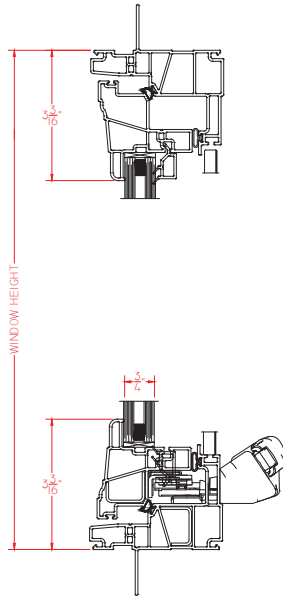
V-SERIES

COMMERCIAL VINYL WINDOWS & DOORS

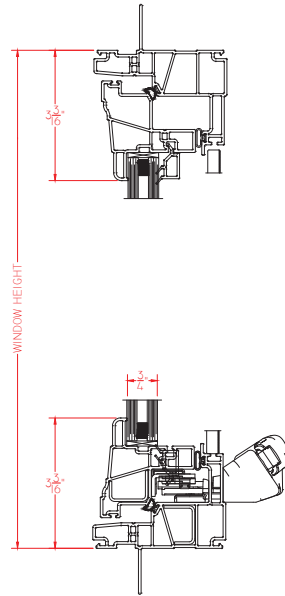
Products

Casement

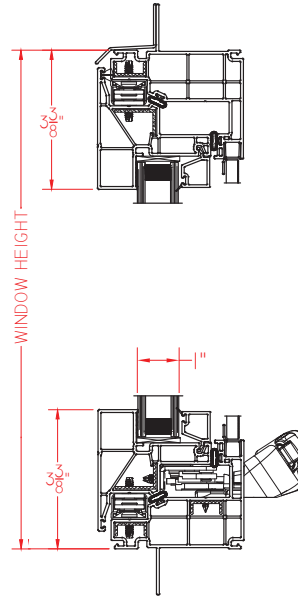
V200 Series



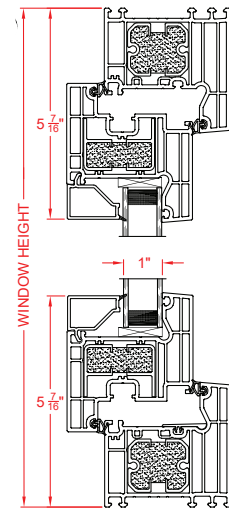
V250 Series



V300 Series



V600 Series



Azul North Park
San Diego, CA
Developer: Floit Properties
Contractor: Suffolk, Inc.
Architect: JWDA Architects
Commercial Dealer: Hardy Windows

Credit: Floit Properties



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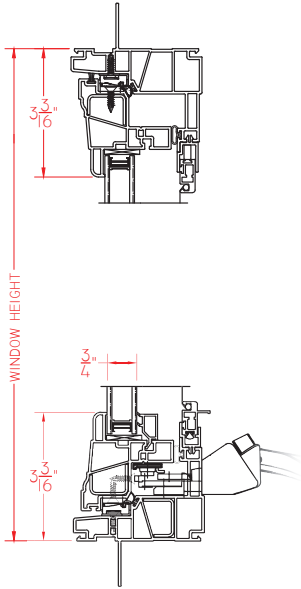
V-SERIES

COMMERCIAL VINYL WINDOWS & DOORS

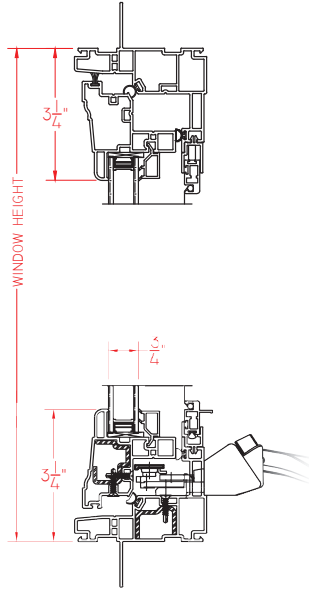
Products

Project-Out

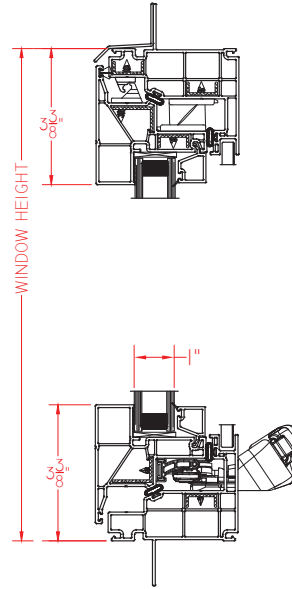
V200 Series



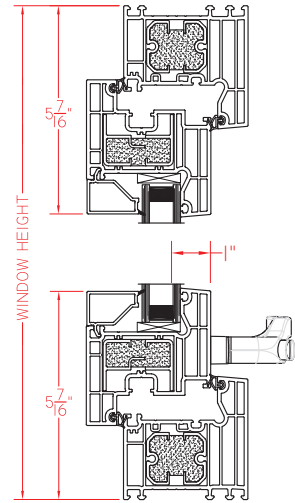
V250 Series



V300 Series



V600 Series



Cedar Rising
Aloha, OR
Developer: Aloha Alexander Housing Assoc.
Contractor: LMC Construction
Architect: Scott Edwards Architecture

Credit: Scott Edwards Architecture | seallp.com

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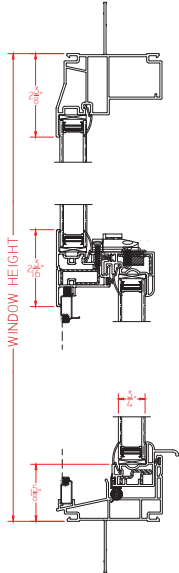
V-SERIES

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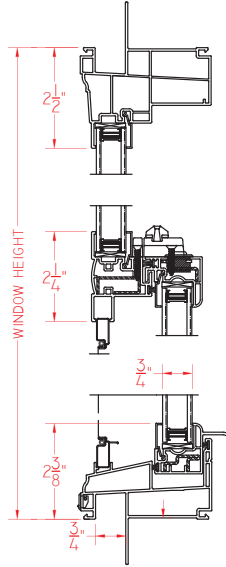
Products

Single Hung

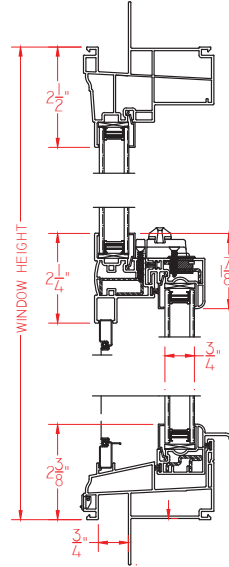
V150 Series



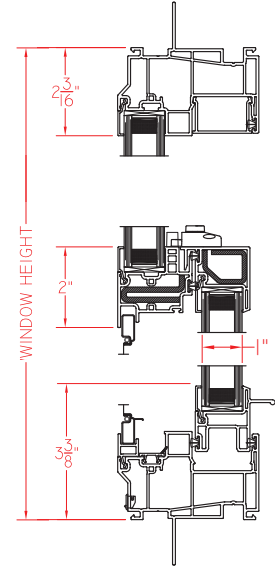
V200 Series



V250 Series



V300 Series



Park Place
Flagstaff, AZ
Developer: Park 7 Group
Contractor: Brinkman Constructors
Architect: Humphreys & Partners Architects
Commercial Window Dist.: G2 Architectural



Credit: prospectportal.com



www.QuakerCommercialWindows.com

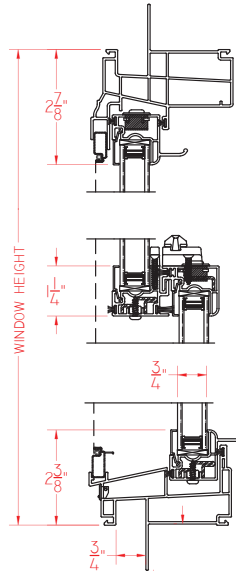
V-SERIES

COMMERCIAL VINYL WINDOWS & DOORS

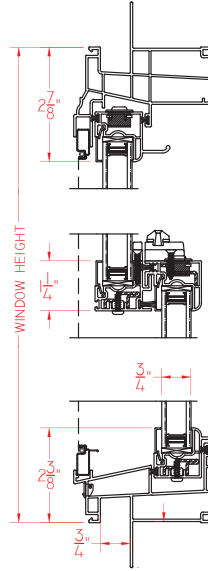
Products

Double Hung

V200 Series



V250 Series



Metronome @ Mid-City
Huntsville, AL
Developer: Mid City Residential LLC
Contractor: Arco Murray
Architect: Looney Ricks Kiss
Commercial Window Dist.: City Glass Co.

Credit: midcitydistrict.com

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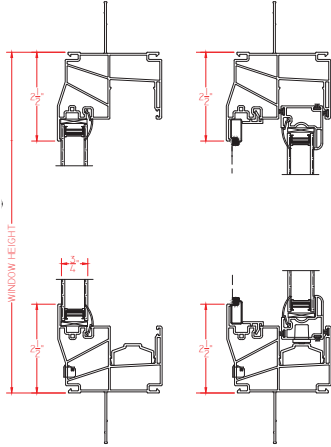
V-SERIES

COMMERCIAL VINYL WINDOWS & DOORS

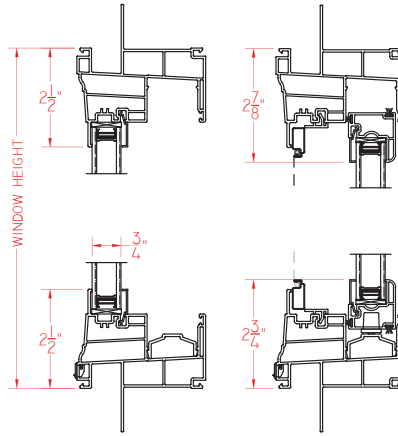
Products

Horizontal Slider

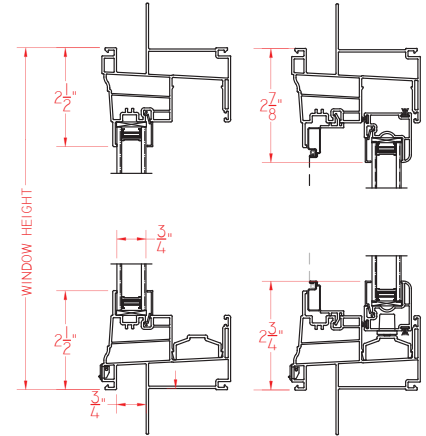
V150 Series



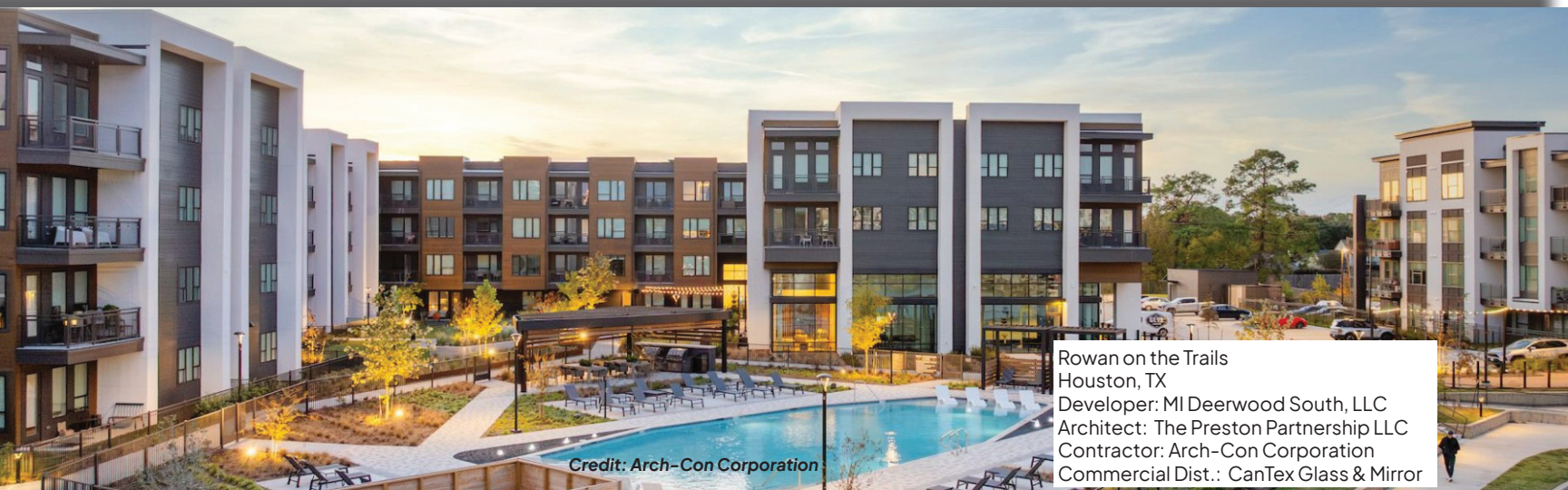
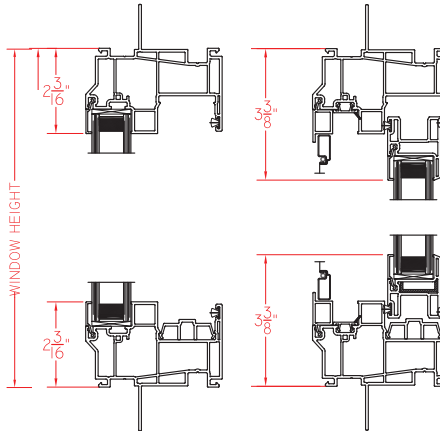
V200 Series



V250 Series



V300 Series



Rowan on the Trails
Houston, TX
Developer: MI Deerwood South, LLC
Architect: The Preston Partnership LLC
Contractor: Arch-Con Corporation
Commercial Dist.: CanTex Glass & Mirror

Credit: Arch-Con Corporation

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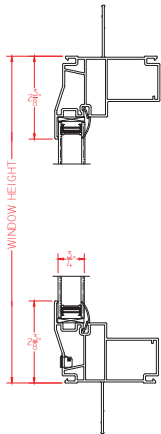
COMMERCIAL VINYL WINDOWS & DOORS

Products

Fixed

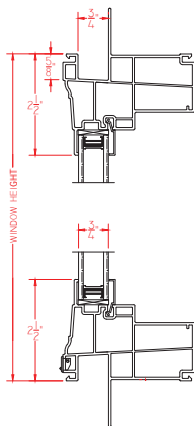
V150 Series

Compatible with all V150 models



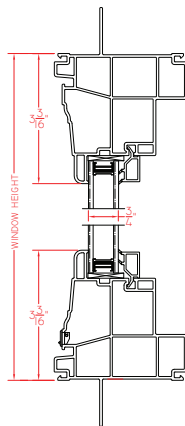
V200 Series

Sash set model to match V200 hung and horizontal slider models



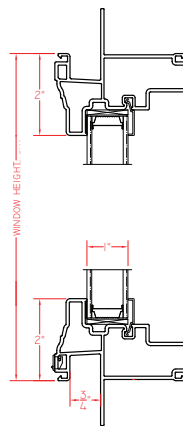
V200 Series

Sash set model to match V200 casement and project-out models



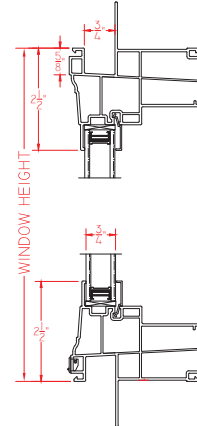
V200 Series

Direct set model compatible with all V200 models



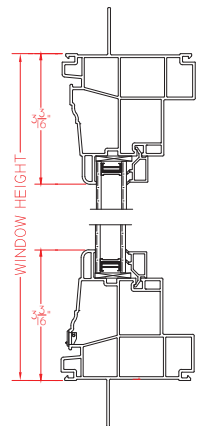
V250 Series

Sash set model to match V250 hung and horizontal slider models



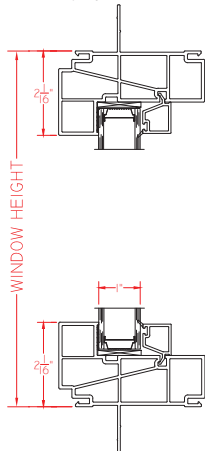
V250 Series

Sash set model to match V250 casement and project-out models



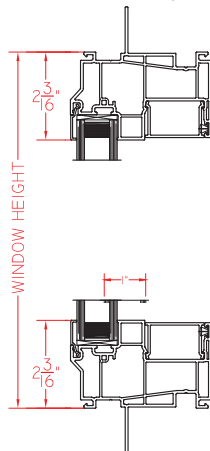
V300 Series

Narrow rail model to match V300 casement and project-out units



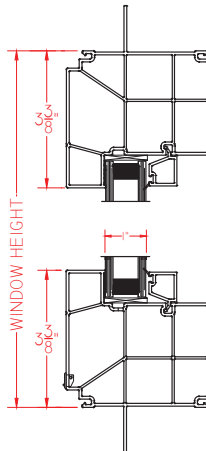
V300 Series

Narrow rail model to match V300 hung and horizontal sliding units



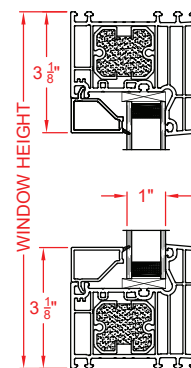
V300 Series

Wide rail model compatible with all V300 models



V600 Series

Compatible with all V600 models



V-SERIES

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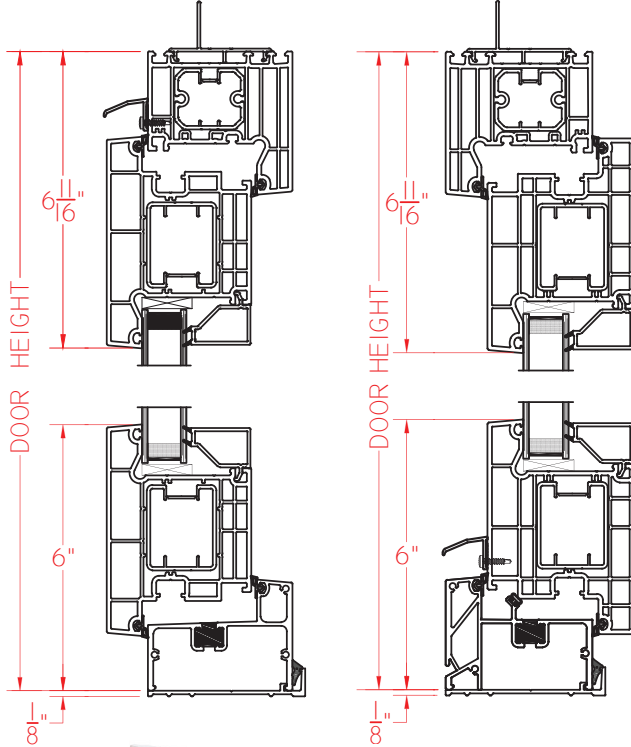
Products

Swing Doors

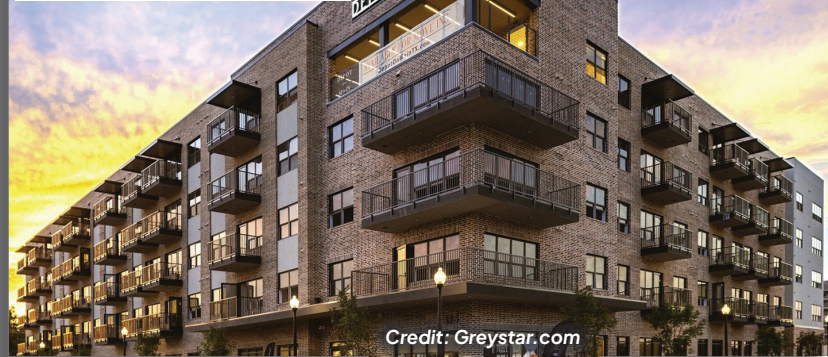
V300 Series w/standard sill

Outswing

Inswing



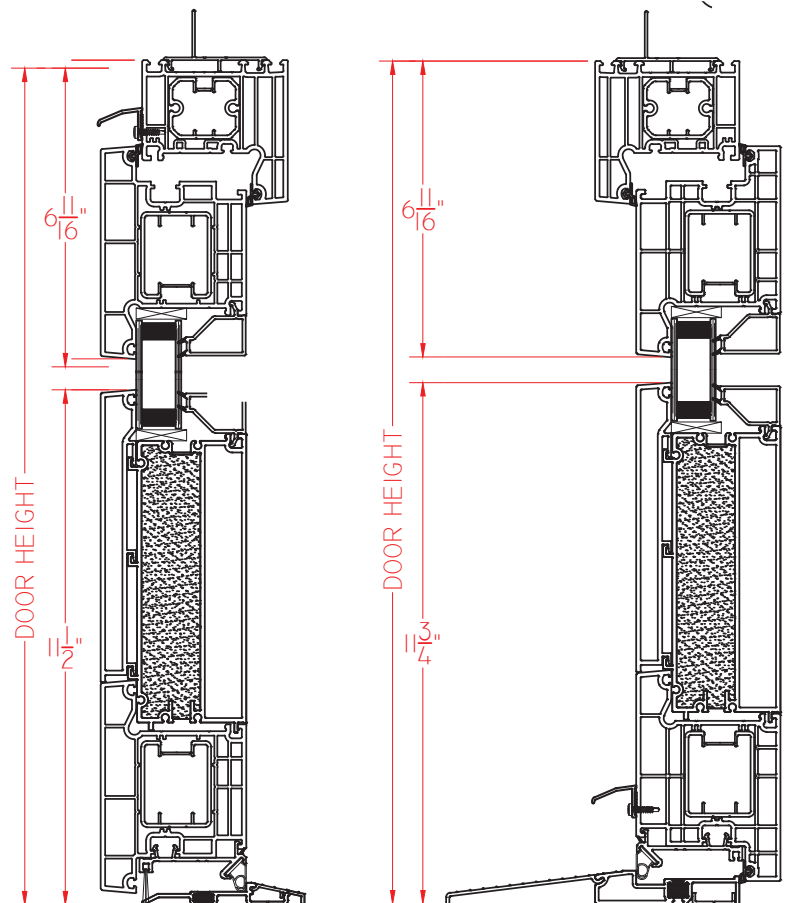
Depot on Main
Burleson, TX
Developer: D.O.M. Holdings LLC
Contractor: Muckleroy & Falls
Architect: Preston Partnership
Glazing Contractor:
Installed Building Products



V300 Series w/ADA sill

Outswing

Inswing



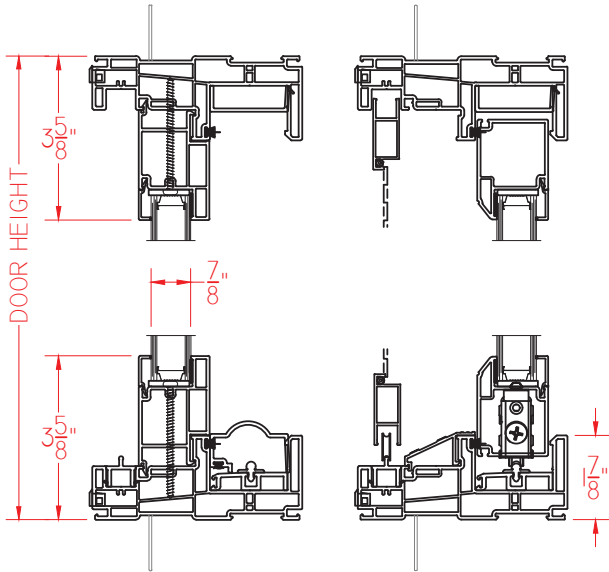
V-SERIES

COMMERCIAL VINYL WINDOWS & DOORS

Products

Sliding Doors

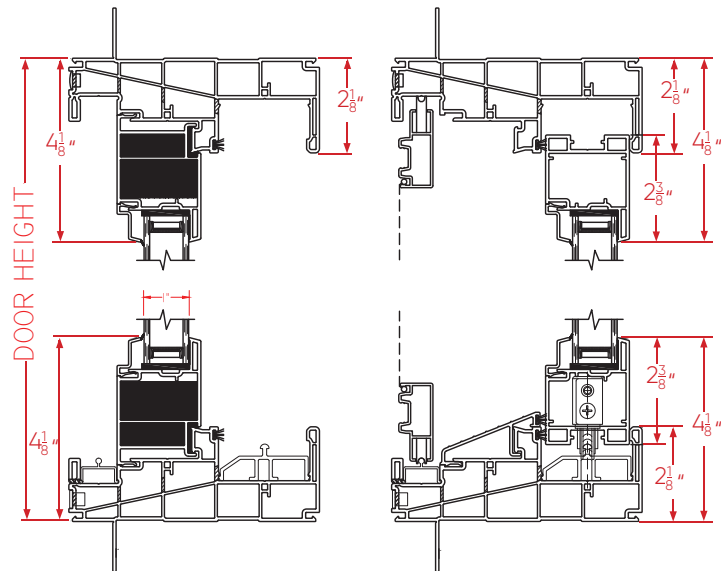
V150 Series



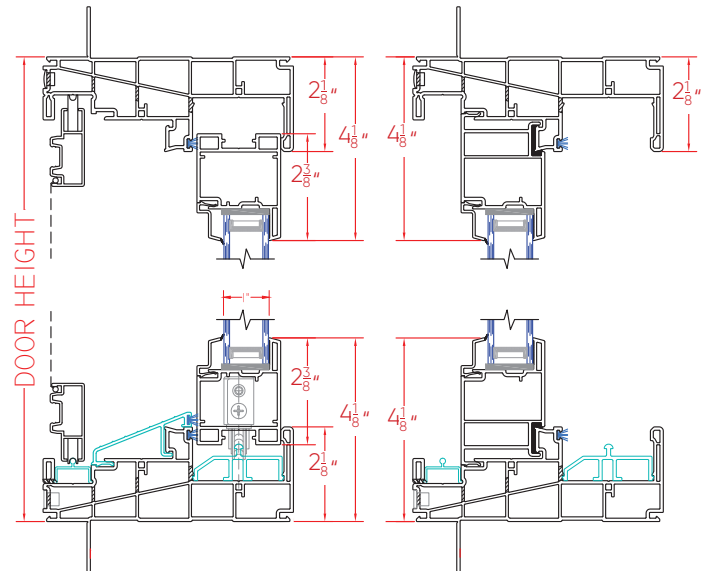
Lilac Station
Lombard, IL
Developer: Holladay Properties
Architect: Tandem Architecture
Contractor: Holladay Construction
Glazing Contractor: Meyer Glass & Mirror



V200 Series



V250 Series



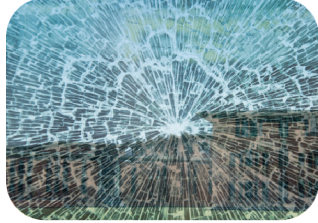
V-SERIES

COMMERCIAL VINYL WINDOWS & DOORS

Solutions for Special Applications

Impact (V700)

- V700 Series meets ASTM 1886 (Large Missile Impact - Level D) testing requirements
- Casement, Project-Out and Fixed models
- Nail Fin or Trim/Clip anchorage systems for operating models
- Nail Fin anchorage system for Fixed model



Florida Building Code

- V700 meets all required FBC calculations
- Casement: FL40310.2 (2020 Code Version)
- Project-Out: FL36916.3 (2020 Code Version)
- Fixed: FL36903.3 (2020 Code Version)
- Approved anchorage systems
- See full information at FloridaBuilding.org



The Acorn on Person Street
Raleigh, NC
Developer: Person Street Apartments LLC
Contractor: Williams Realty & Building Inc.
Architect: Cline Design Architects
Comm. Window Distributor: Morrison Millwork



Credit: Williams Realty & Building / wrbco.com



www.QuakerCommercialWindows.com

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COMMERCIAL VINYL WINDOWS & DOORS

Products

LEED®

- All V-Series models - operating and fixed - can assist with garnering LEED points
- LEED Building Design and Construction (LEED BD+C) works for both new construction and replacement commercial projects
- World's preeminent green building organization



Allee on the Charles
Newton, MA
Developer: Criterion Development Partners
Architect: ICON Architecture
Contractor: Callahan Construction Managers



credit: iconarch.com

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V-SERIES

COMMERCIAL VINYL WINDOWS & DOORS

Options

Vinyl Colors, Painted Exteriors & Laminates

Vinyl Colors

- 100% pure uPVC colors hold a bright sheen and won't fade like re-ground vinyl



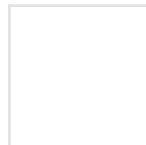
White



Sandstone

Painted Exteriors

- Painted vinyl allows Quaker to offer an exterior color palette which far exceeds traditional expectations.
- Exterior color selections expand even further because of Quaker's ability to produce any custom exterior color you have in mind
- Finishes for all painted vinyl colors meet FGIA 615-05, the most superior uPVC painted finish available



White



Black



Dark Bronze



Sandstone



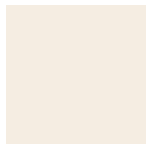
Redwood



Holly Green



Earthtone



Satin Creme



Resembles
Clear
Anodized



Toffee



Chestnut



Beige

Textured Laminate Coatings

- Four high-performance laminate coatings can be applied to the exterior of all Quaker V-Series products*, paired with a white interior for a two-tone appearance
- Depending upon your product of choice and your color preference, laminate can be added to the interior too
- All Quaker laminates meet quality and test requirements in accordance to RAL GZ716/1

**Some limitations may apply.*



Textured Dark
Bronze



Textured
Black



Textured
Dark Espresso



Textured
Dark Grey

Warranty

- 10 year limited warranty on vinyl colors, painted exteriors and laminate coatings
- See complete warranty details on our website

V-SERIES

COMMERCIAL VINYL WINDOWS & DOORS

Options

Glass

Pane Thickness:

- $\frac{3}{32}$ "
- $\frac{1}{8}$ "
- $\frac{5}{32}$ "
- $\frac{3}{16}$ "
- $\frac{1}{4}$ "
- $\frac{5}{16}$ "

Glass Types:

- Dual Silver Low-E
- Triple Silver Low-E
- Interior Pane Low-E
- Tempered Safety Glass
- Laminated

I.G. Thickness:

- $\frac{3}{4}$ " (Double pane)
- 1" (Double pane)
- $1\frac{3}{8}$ " (Triple pane)

Specialty Choices:

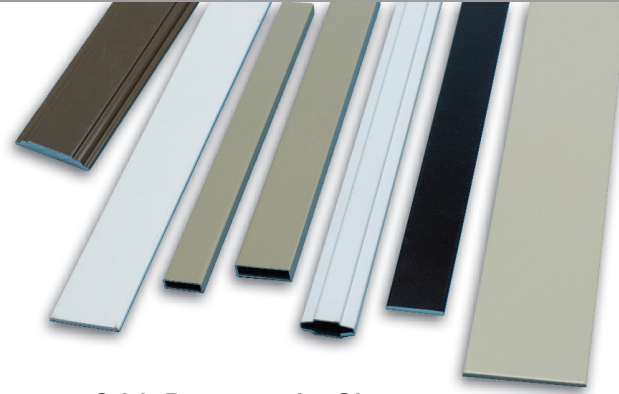
- Insulated Panels
- Blinds/Panel

Eco-Friendly Choices:

- Bird Glass
- Turtle Glass

Some limitations may apply based upon several variables including, but not limited to, the window/door series chosen and requested/required specifications.

Grids



Grids Between the Glass

- Flat or Contoured

Simulated Divided Lites

- Numerous profiles and combinations available

This is a small sampling of the many grid profiles Quaker has available.

Seven at Seven Mile Creek
Nashville, TN
Developer: Avenue Construction
Contractor: Avenue Construction
Architect: Barnett Design Studio
Comm. Window Distributor: Architectural Visions



Credit: Seven at Seven Mile Creek

800-347-0438



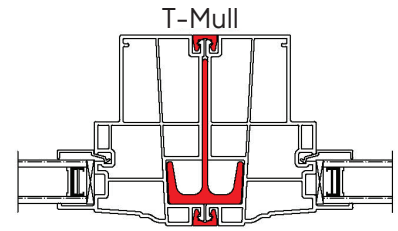
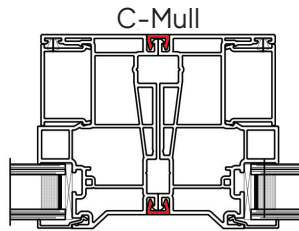
V-SERIES

COMMERCIAL VINYL WINDOWS & DOORS

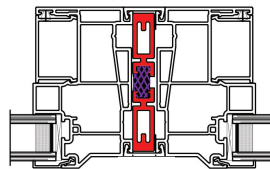
Options

Mulls

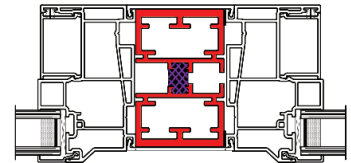
Whether stacking windows or pairing them side-by-side, our V-Series reinforced and structural mulling systems deliver confidence. They won't flex at the first sign of wind and their design leaves no room for infiltration.



1/2" Structural Mull



2" Structural Mull



**Usage limitations may apply*



Shirley Chisholm Village
San Francisco, CA
Owner: MP Frances Scott Key 2 Assoc.
Contractor: Cahill Contractors
Architect: BAR Architects
Glazing Contractor: AAC Glass

Credit: BAR Architects

Accessories

Quaker can provide a multitude of accessories for your V-Series install -- no matter what product you choose.*

- Casing
- Panning
- Receptor
- Subsill
- Louver systems to accommodate HVAC

Other accessories include:

- Adjustable Limit Travel Devices
- WOCD (Window Operating Control Device)
- Trickle Vent and more

**Some limitations may apply*



The Yards
Kansas City, MO
Owner: Flaherty & Collens
Contractor: MW Builders
Architect: Kem Studio
Glazing Contractor: Ziegler's Glass

The Quaker Difference:

More than meets the eye.

Since 1949, The Quaker Difference has meant providing more than just windows and doors. It's a standard of quality, engineering and craftsmanship that distinguishes us from all other window and door manufacturers in America. That commitment continues with our V-Series of commercial vinyl products.

- It's a standard of craftsmanship and engineering excellence we build into every product, distinguishing us from all other window companies in America.
- It's professional manufacturing specialists, some with more than 40 years of window experience, providing unparalleled attention to detail from start to finish.
- It's shying away from testing at only entry-level, gateway sizes. Instead, we test using exaggerated and even maximum sizing. This ensures the entire scope of a product's sizing will meet the advertised rating.
- It's multiple quality checks implemented throughout the manufacturing process to guarantee a paramount product.
- It's our state-of-the-art vinyl paint facility. Unlike many manufacturers that outsource, Quaker controls the quality and consistency of our finish in-house.
- It's employing thicker glass panes which will both lower the amount of stress cracks and raise your ability to control sound intrusion.
- It's our "can-do" attitude toward custom projects. Never is a job too custom for Quaker. Our option and accessory choices allow us to do what others can't.
- It's doing more than just selling windows and doors. It's finding the right window and door solution for your project.

That's *The Quaker Difference*.



SOHO Apartments
St. Louis, MO
Owner: El Capitan One, LLC
Contractor: Big Sure Construction
Architect: VE Design Group
Commercial Dealer: XL Building Products



800-347-0438





V-SERIES

COMMERCIAL VINYL WINDOWS & DOORS

Find more information on Quaker windows and doors



 www.QuakerCommercialWindows.com

 1-800-347-0438

 commercial@quakerwindows.com



Made in America: All Quaker products are designed and manufactured in the United States at our state-of-the-art facilities in Eldon, MO (above) and Freeburg, MO.



April, 2025 V5



ON THE COVER:

Verve Columbus
Columbus, OH
Developer: SubText
Contractor: Brinkman Constructors
Architect: Bass Studio Architects
Comm. Window Distributor: G2 Architectural

Quaker Window Products reserves the right to change or discontinue any products or options within this brochure without notice.