



HARVEY
WINDOWS + DOORS®



PROFESSIONAL'S GUIDE



The reliable source for quality windows and doors professionals and homeowners demand.

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VINYL WINDOW FEATURES



AT A GLANCE

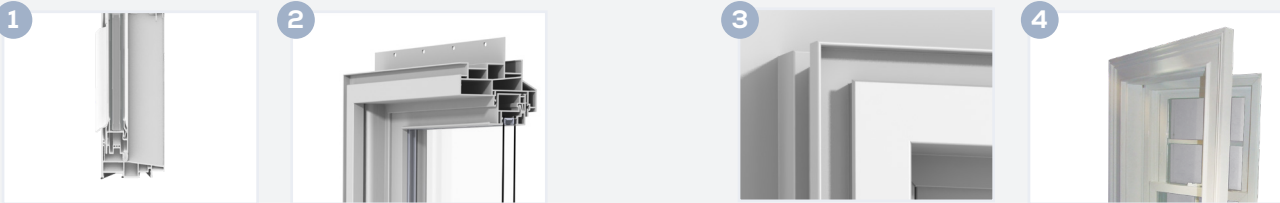
- ▶ Harvey uses premium vinyl that's strong, resistant to insects and corrosion, and is effective at controlling noise.
- ▶ Harvey vinyl windows will never need painting and their heavy duty hardware lasts a lifetime. Most windows are available with FlexScreens, which spring into the screen track, allowing for easy installation, removal, and storage.
- ▶ Customization is endless with grid, glass, paint, and hardware options.



FEATURES FOR INSTALLERS

- 1 Harvey's vinyl window sill is a smooth, sloped, single piece extrusion, without the dirt-collecting ridges other manufactures require in order to perform during testing; Harvey doesn't need them to bolster testing scores.
- 2 New Construction windows at Harvey come in your choice of an integral J-fin or L-fin so you can select the nailing flange best suited to your project. Siding goes easily into the J-fin for a seamless look, or employ a L-fin when trimming out with PVC exterior casing—both at the same price. J pocket fillers convert J-fins into L-fins when fiber cement or wood siding is being used.
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Your time is valuable. Get more done, faster, with our Vinyl Solutions: pg. 42



MAJESTY WINDOW FEATURES



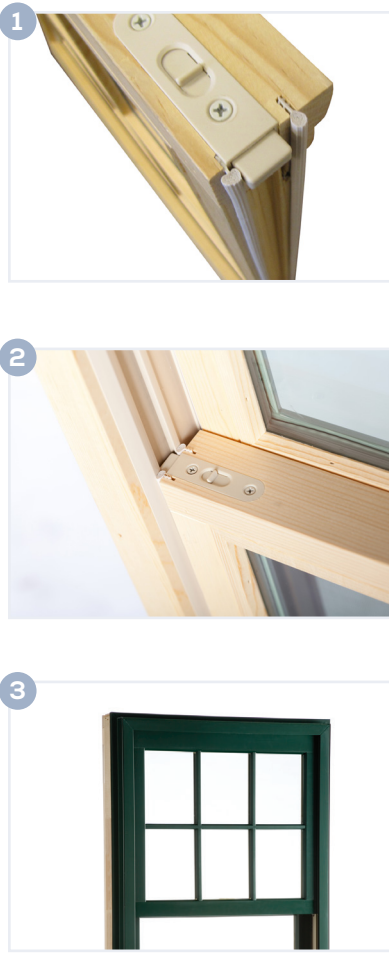
AT A GLANCE

- ▶ The solid Ponderosa Pine wood components of Majesty products have been specially treated to resist rot, degradation, splitting, warping, and mildew.
- ▶ The extruded aluminum exterior cladding is precision formed to protect the sashes from outdoor conditions, and includes attractive beveling to match the aesthetics of wood windows.
- ▶ Pine interior snap-in grids are available for authentic look.



MAJESTY COMPONENTS

- 1 Majesty weatherseals are designed to perform over a wide range of temperatures and weather conditions. A lightweight polypropylene stiffener additive, which does not absorb water or collect mold, creates an airtight seal that does not distort over time. The seal ensures a consistent barrier from external conditions and allows for smooth window operation. An average of 300 inches of custom designed Foam-Tite® compression bulb seals encase the full perimeter of the sash of Majesty windows – similar to seals you see on dishwashers or refrigerators.
- 2 The rigid non-compression Jamb Liner adds strength, stability and reduces air infiltration, while its special beveled design allows the sash to open and tilt easily.
- 3 An electrostatic paint process adheres paint evenly onto exterior surfaces for an extremely durable finish that resists fading.

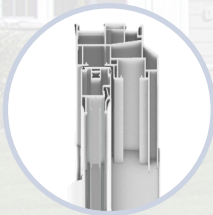


HARVEY VINYL WINDOWS BENEFIT HOMEOWNERS.

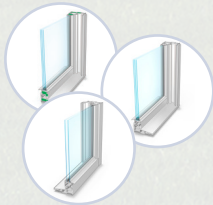


For homeowners, Harvey windows provide a lifetime of worry-free value. Maintenance is virtually non-existent, with premium, high performance vinyl that won't crack or chip.

And if something does go wrong, homeowners can rest easy knowing their investment is backed by our Clear Confidence Warranties, with lifetime coverage on vinyl and mechanical parts, and 20 years of protection on glass seal failures (with full sash replacement). Plus, Harvey's US based customer service team provides phone support and can send trained field technicians to their home if needed. Our Clear Confidence Warranty is standard on select products.



Harvey windows are built strong, and they're engineered with up to twice as much PVC as competitors, along with more chambers and thicker walls for durability. The extra PVC is inside the frame, so it's not bulky, and they will not expand or contract like other windows with less PVC.



Energy efficient Harvey products are available in several glass options from insulated glass with Low-E coatings and Argon gas, to high performance triple glazing, so that contractor and homeowner can select the package that meets their energy goals and budget needs.



Harvey windows are more airtight than the industry standard. Because less air passes through Harvey windows, homeowners' heating/cooling systems will go on less frequently, helping them save on climate control costs and system wear and tear. Corners are fusion welded, adding structural integrity and sealing out air better than other windows that use screws and sealant.



Shown with Balance Cover
Removed

Harvey utilizes a premier Block and Tackle Balance (hidden behind a white balance cover) that's more efficient than metal balances such as Constant Force that others use. Lifting and closing of Harvey windows will be smooth and quiet for many years. Cheaper balances used by others can be difficult and noisy to operate.

ENERGY EFFICIENT DIFFERENCE

AIR INFILTRATION 96% BETTER THAN INDUSTRY STANDARD

Most Harvey Vinyl Windows have AI ratings of .01 CFM/SF depending on size and operating style.



Lesser quality windows allow more air in.



Quality Harvey windows let less air in.

AIR INFILTRATION

Lower quality vinyl and composite windows aren't engineered to the same standards as Harvey windows, which have advanced integrated weatherseals and sash-locking technology. When these features are lacking, it leads to excessive air passing through the gaps where the sash meets the frame or around the perimeter of a closed window, otherwise known as a high rate of air infiltration (AI), a value that is determined through independent, 3rd party testing.

The American Architectural Manufacturers Association (AAMA) mandates a maximum air exchange rate of 0.30 cfm/sf at 1.57 psf (25 mph).

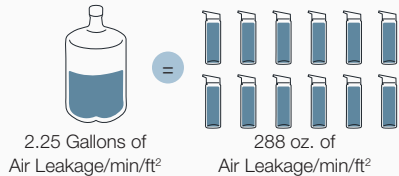
Harvey vinyl windows have air infiltration ratings ranging from .01-.07 cfm/sf, depending on size and operating style.

Why? Because Harvey windows were born in the Northeast where keeping out the cold is a priority. And, in the summer homeowners benefit by keeping cooler air in. If you choose a window with a higher AI, the more drafty a room will be, and the more energy will be used from frequent heating and cooling cycles, while a low AI rate can help homeowners save money and prevents additional wear and tear on their HVAC systems.

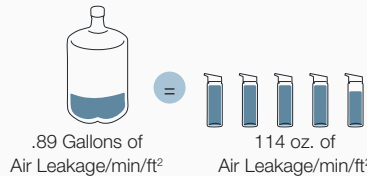
*Assuming a 3'x5' vinyl double hung in a 12'x12'x9' room (1,296ft³)
**Traditional High-Performance Vinyl Double Hungs with an average AI range of 0.11-0.21CFM

SO HOW MUCH AIR IS THAT?

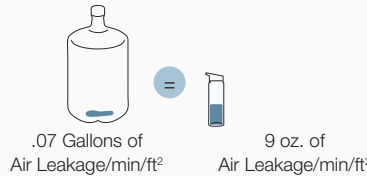
The more air is leaking from a window, the more frequently an HVAC system will have to replace the air in a room. It helps to visualize air leakage in a unit that's familiar, like gallons and ounces of water.



.30 CFM/FT²
AAMA Minimum
At this rate, the air in a 12'x12' room* will get replaced:
Once every 4.8hrs.



.12 CFM/FT²
Mid-Quality Vinyl Window**
At this rate, the air in a 12'x12' room* will get replaced:
Once every 12hrs.



.01 CFM/FT²
Harvey Vinyl Double Hung Windows
At this rate, the air in a 12'x12' room* will get replaced:
Just once every 144hrs. or 6 days!

GLASS OPTIONS



Harvey gives you the flexibility to choose the performance package that fits your project with several glass options that meet ENERGY STAR requirements as well as additional energy efficient packages.

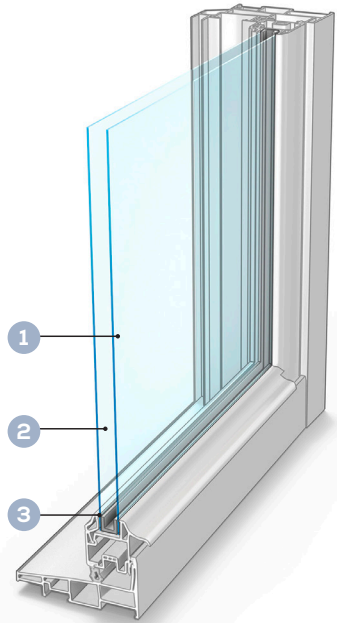
HOW OUR GLASS WORKS

- 1 A special coating, known as Low-E, is applied to our glass to reduce temperature transference by reflecting infrared light. Low-E is a non-toxic, environmentally friendly way to enhance a window's energy efficiency.

Low-E coatings can be applied to the various sides of the glass panes. Our highest performing glass features a roomside Low-E coating, found on the inner most glass side with an additional layer of Low-E applied to the exterior glass pane.

- 2 Colorless, odorless, non-toxic Argon gas fills the space between the glass. Because it's heavier than air, it provides better insulation than alone, increasing the thermal performance of the glass.

- 3 The areas where the edges of the glass meet the frame are most vulnerable to temperature transference, so a warm edge spacer is used to insulate where the glass seals to the window frame, reducing heat transfer through the window.



SUNGAIN PLUS
Best for Northern Climates

SunGain Plus with roomside Low-E, is engineered to have a high Solar Heat Gain Coefficient so more of the sun's rays penetrate the glass to offset heating, providing superior performance in northern climates.

SunGain Plus also has our highest Visible Transmittance (VT) rating which means it allows more natural sunlight in.



SUNSHIELD PLUS | SUNSHIELD
Best for South/South-Central Climates

SunShield Plus with roomside Low-E and SunShield work by shielding the home from solar heat and ultraviolet rays that can fade furniture and carpet.

Tinting is minimal with virtually no exterior reflectance, keeping the view unobstructed.

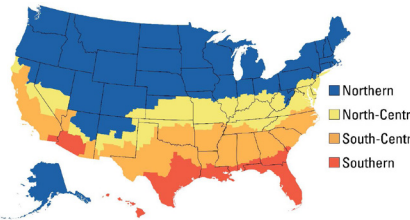


THERMALOCK RS
Best for North-Central Climates

ThermaLock RS with roomside Low-E helps to keep interior temperatures consistent by reflecting heated or cooled air back inside, while still allowing ample sunlight in.

THERMALOCK 3X
Triple Glazed

ThermaLock 3X with roomside Low-E is our premium ENERGY STAR option. It kicks performance up a notch with three Low-E coated panes of glass, (including roomside), making it the best choice to significantly reduce energy consumption in climates where both cooling and heating costs are a concern.



NFRC values for ENERGY STAR 7.0 rated and other energy efficient glass packages can be found in the Thermal Specifications chart in the reference section of this guide.

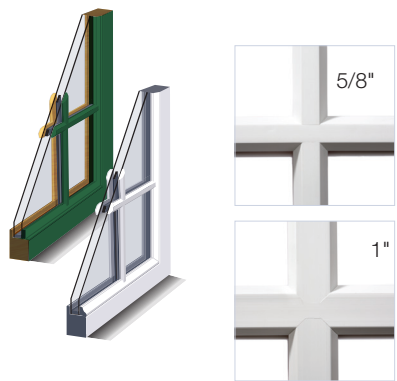
Full window configuration (i.e.: size, grids, operating style and other options) affect unit NFRC values and therefore ENERGY STAR zone compliance. Products are tested for performance regularly and are subject to change.

CUSTOMIZATION OPTIONS

GRIDS

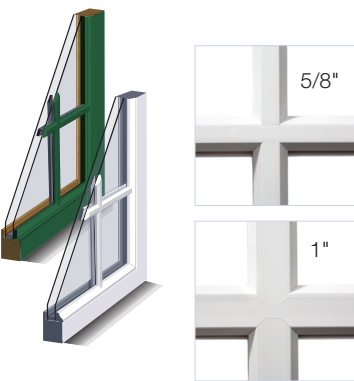
Both 5/8" and 1" grids in either contoured or flat are available for most products. Grids can also be painted.

See product pages for grid options per window/doors style.



SDL
SIMULATED DIVIDED LITES

For a dramatic and upscale look, choose the SDL grid system which utilizes a pewter in-glass grid with grids applied on both the interior and exterior. Available for most Majesty Wood and vinyl windows.

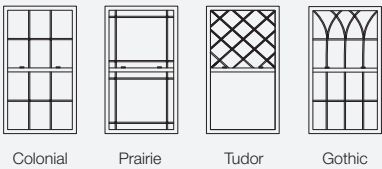


EXTERIOR APPLIED

Exterior applied grids provide a more defined architectural style on the exterior, with the ease of grids between glass on the inside. Available for most vinyl and Majesty Wood windows.

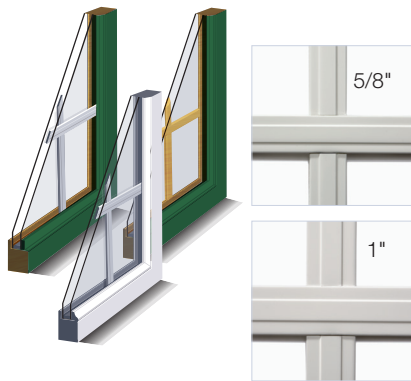
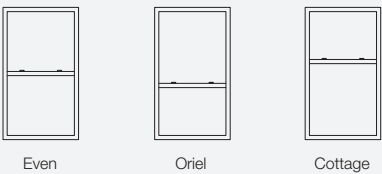
CONFIGURATIONS

Fully customize any grid design. Choose Colonial, Prairie, or other unique styles like Tudor or Gothic.



SASH ORIENTATION

Even sashes are nice, but you can also select Oriel, Cottage, or a custom orientation.



GBG
GRIDS BETWEEN GLASS

Color-matched contoured grids are positioned between the glass, allowing for easy cleaning. Available for most Majesty Wood and vinyl windows.

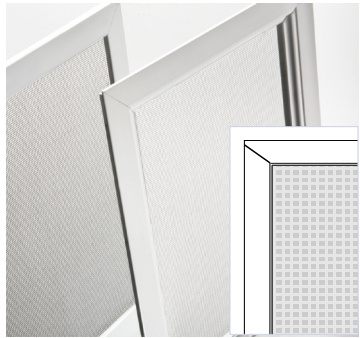
SCREEN OPTIONS



FLEXSCREEN FRAME

Experience the ultimate in window screen innovation with FlexScreen. This discreet frame effortlessly disappears into your window, creating an unobstructed view. Crafted from robust, break-resistant steel with a scratch-resistant powder coating, FlexScreen is built to last. It springs into place, making installation a breeze. Combine with VIEWS mesh for the clearest view.

- ▶ Nearly indestructible
- ▶ No color matching necessary
- ▶ Full view
- ▶ No hardware
- ▶ Effortless installation and removal



EXTRUDED ALUMINUM FRAME

Harvey aluminum frames are tough, sturdy and relatively easy to remove and install, with hidden metal corners that won't become brittle like the exposed plastic corners found on lower quality screens.

MESH

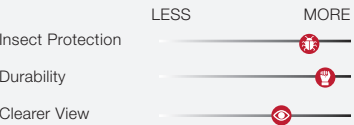


VIEWS
Standard Screen



Upgrade to Virtually Invisible Screens, for a brighter view, 25% better airflow, and maximum protection against small insects.

FIBERGLASS



A popular choice for its durability, fiberglass is flexible and does not crease, dent, or unravel.

Screens come in half and full sizes. See product pages for screen options per window/door style.

VINYL WINDOW FEATURES



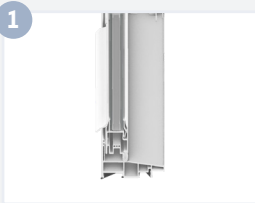
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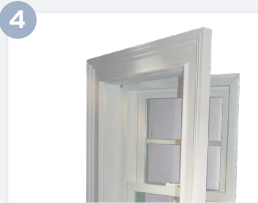
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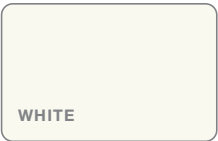
WINDOW AND DOOR FINISHES

EXTERIOR VINYL FINISHES

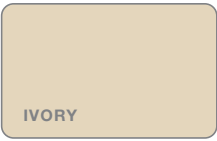
In addition to White or Almond extruded vinyl windows and patio doors, our state-of-the-art process produces a resilient and durable finish that can't be duplicated in the field.

We use an environmentally friendly, water-based finish with a very low solvent content that provides proven durability in all weather conditions. Additional benefits include lasting color vibrancy, expanded color and finish retention, and high abrasion and humidity resistance. All of our finishes are backed by a 10-year warranty.

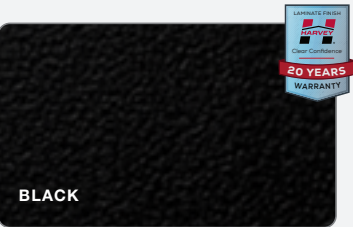
STANDARD VINYL



MADE-TO-ORDER EXTERIOR PAINT COLORS



More Paint Colors
and Custom Color
Matching Available



LAMINATE FINISH

We also offer laminate finishes, with superior ability to repel scratches and is backed by a 20-year warranty.

Available on Classic DH, Tribute DH, and Accessory windows.

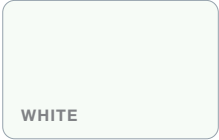
MAJESTY FINISHES

Majesty Wood windows and patio doors feature a precision molded aluminum exterior that protects wood components from environmental conditions.

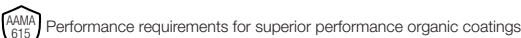
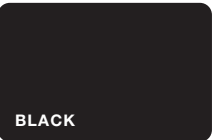
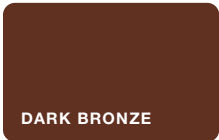
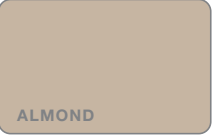
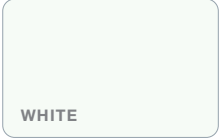
An electrostatic paint process adheres color evenly onto the aluminum clad surfaces, ensuring an extremely durable finish that resists fading. Majesty products come in your choice of 5 exterior finishes, at no additional charge.

The interior can be left as warm, unfinished pine to be painted or stained after installation, or professionally prefinished in white for no mess or hassle post-installation.

INTERIOR



EXTERIOR



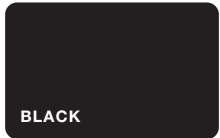
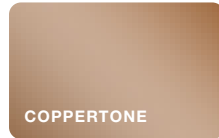
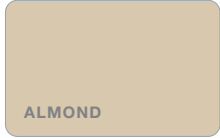
*Laminate available on exterior only currently. Interior/Exterior finish coming July 2025! Laminate and paint not available on Slimline.

**Almond vinyl and hardware not available on Tribute window. Almond vinyl cannot be painted.

***Gliding Majesty window only available in factory primer.

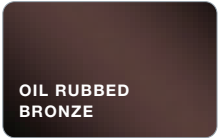
HARDWARE FINISHES

STANDARD



Majesty Only

PREMIUM



CLEAR CONFIDENCE WARRANTY

For over 60 years, we've built our reputation on the outstanding craftsmanship of our products and our world-class customer service.

You can rest easy knowing that most Harvey windows are backed by our Clear Confidence Warranty and that our commitment lasts a lifetime.

VINYL WINDOW WARRANTY



20 YEARS GLASS COVERAGE
20 YEARS TRANSFERABILITY

MAJESTY WINDOW WARRANTY



20 YEARS GLASS COVERAGE
20 YEARS TRANSFERABILITY



Scan the QR code to view all of our product warranties and coverage detail terms in one convenient place.

Warranty claims can be submitted via our website or by calling our Field Service Department at 1-800-822-0437.

FIELD SERVICE

Field Service provides customer support for technical, installation and warranty questions, as well as ordering necessary replacement parts.

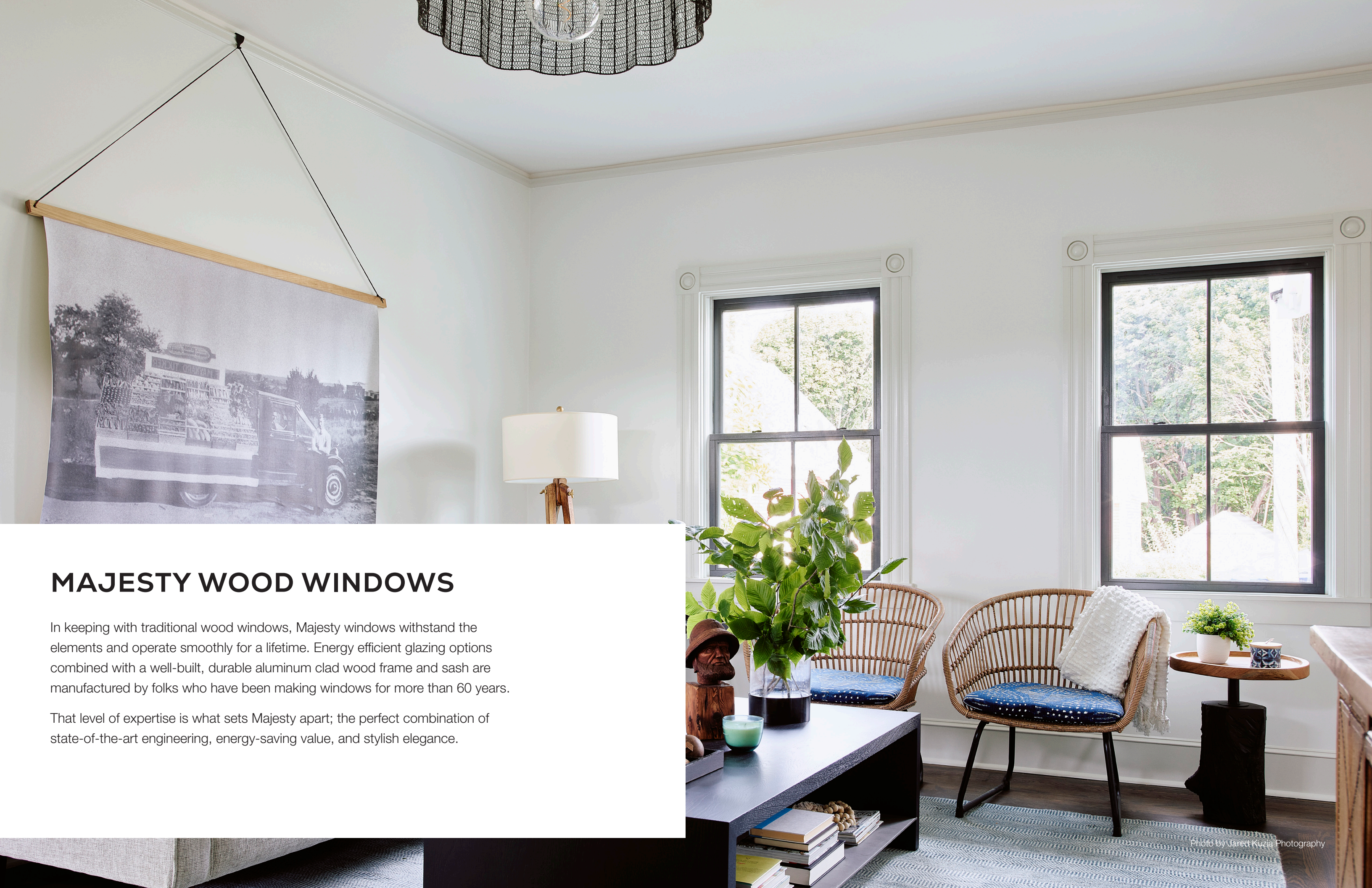
If you or your customer are experiencing an issue with a Harvey product that cannot be rectified with the information supplied on our website, please be sure to gather the required information from the warranty label before calling Field Service.

CLAIMS

Warranties provided by Harvey are for product parts and mechanisms; they do not cover damages resulting from improper installation nor do they cover labor charges. Please see actual warranty for details.

Parts covered under warranty are provided free of charge.

Information needed for claims is listed on the warranty label. The label is generally attached to the product in an inconspicuous place (often times within the header or hinge). Exact placement of the warranty label varies depending on product. Below you will find an example of our warranty label, indicating the pertinent information we need to help facilitate your claim.

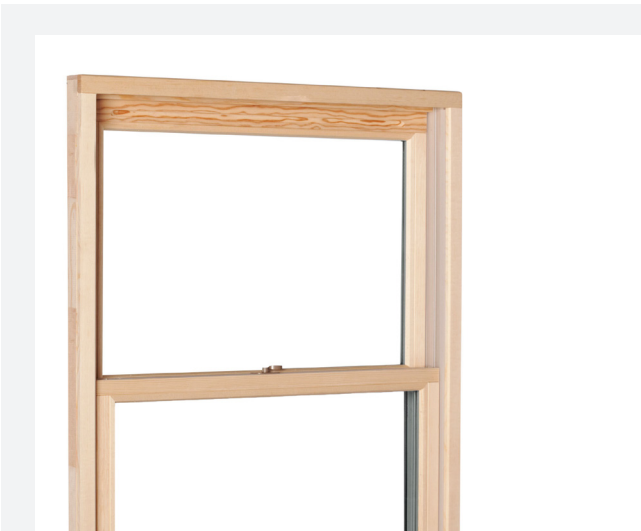


MAJESTY WOOD WINDOWS

In keeping with traditional wood windows, Majesty windows withstand the elements and operate smoothly for a lifetime. Energy efficient glazing options combined with a well-built, durable aluminum clad wood frame and sash are manufactured by folks who have been making windows for more than 60 years.

That level of expertise is what sets Majesty apart; the perfect combination of state-of-the-art engineering, energy-saving value, and stylish elegance.

MAJESTY WOOD DOUBLE HUNG



REPLACEMENT
3-1/4" jamb depth
Aluminum sill expander included

NEW CONSTRUCTION
4-9/16" standard jamb depth; 6-9/16" field-applied extension jambs available



Superb architectural details include a refined 45° glazing bead, overlapping grids, and elegant recessed hardware to provide a traditional and sleek look. The top and bottom sash have weatherstripping around them that prevents air infiltration and both tilt in for easy cleaning.



LIFT OPTIONS



Routed Bottom Sash



Hook and Loop

FEATURES

- Energy efficient glazing options
- Solid pine interior with aluminum clad exterior
- Recessed hardware provides unobstructed views and elegant, streamlined appearance
- Jamb liner is standard in Almond; also available in White

- ### OTHER OPTIONS
- Grids come in 5/8" and 1" sizes
 - Custom grid configurations plus oriel & cottage sash options
 - Obscured, Bronze or Tempered glazing available
 - Full size screens
 - Interior options include warm, unfinished pine or professionally prefinished white (includes 10-year paint warranty)

Size Limitations pg. 63

OPTIONS

GLASS PACKAGES

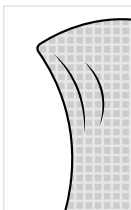


SunShield PLUS
SunShield



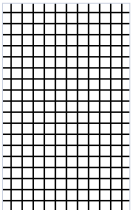
ThermoLock

SCREEN | FRAME

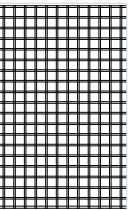


FlexScreen

SCREEN | MESH

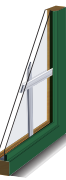


VIEWS



Fiberglass

GRID | TYPE



GBG

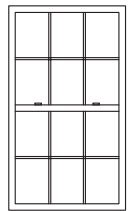


Exterior
Applied/
Interior
Snap-in

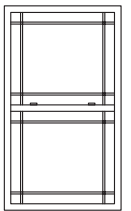


SDL

GRID | STYLE



Colonial



Prairie

COLORS | INT./EXT.



Int. Pine or White



Ext. Almond



Ext. White



Ext. Black

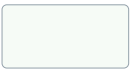


Ext. Forest
Green



Ext. Dark
Bronze

COLORS | HARDWARE



White



Almond



Black



Coppertone



Brushed Nickel

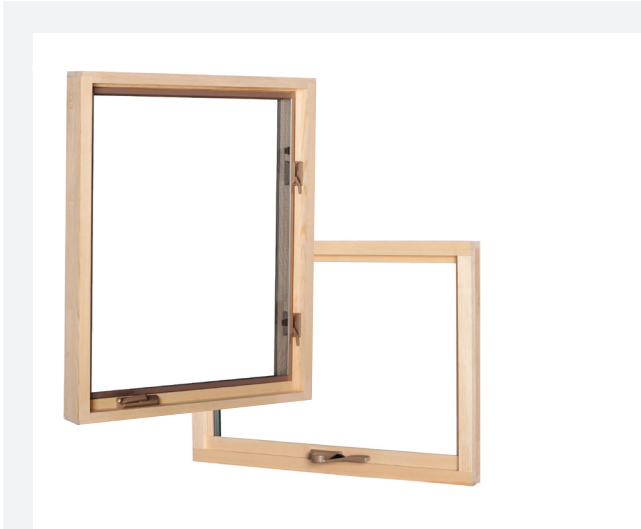


Oil-Rubbed
Bronze

STANDARD

PREMIUM

MAJESTY CASEMENT & AWNING



REPLACEMENT

3-1/4" jamb depth

NEW CONSTRUCTION

4-9/16" standard jamb depth; 6-9/16" field-applied extension jambs available



Favored in contemporary homes for their sleek, unobstructed expanses of glass, casement and awning windows have clean, modern lines and a durable aluminum clad exterior for maintenance-free protection. They are easy to open and feature full weatherstripping around the sash to keep homes comfortable.

COMPACT FOLDING HANDLE CASEMENT



HANDLE AWNING



*Egress hardware not available

FEATURES

Energy efficient glazing options

Solid pine interior with aluminum clad exterior

Casements: tandem locks standard on units $\geq 36"$ in height. For ease of operation, tandem locks engage/disengage with operation of just the lower lock*.

Awning: hinge at the top and open outward to let in fresh air and deflect away rain

OTHER OPTIONS

Grids come in 5/8" and 1" sizes

Custom grid configurations plus oriel & cottage sash options

Obscured, Bronze or Tempered glazing options

Full size screens

Interior options include warm, unfinished pine or professionally prefinished white (includes 10-year paint warranty)



Size Limitations pg. 63

OPTIONS

GLASS PACKAGES

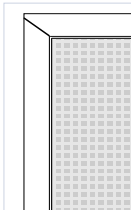


SunShield PLUS



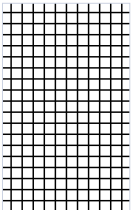
ThermaLock RS
ThermaLock 3X

SCREEN | FRAME

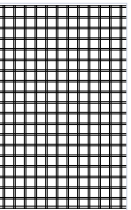


Aluminum

SCREEN | MESH

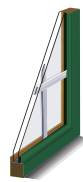


VIEWS

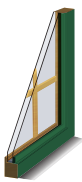


Fiberglass

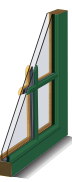
GRID | TYPE



GBG

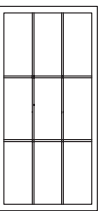


Exterior Applied/
Interior Snap-in

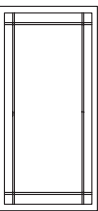


SDL

GRID | STYLE



Colonial



Prairie

COLORS | INT./EXT.



Int. Pine or White



Ext. Almond



Ext. White



Ext. Black



Ext. Forest Green



Ext. Dark Bronze

COLORS | HARDWARE



White



Almond



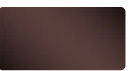
Black



Coppertone



Brushed Nickel

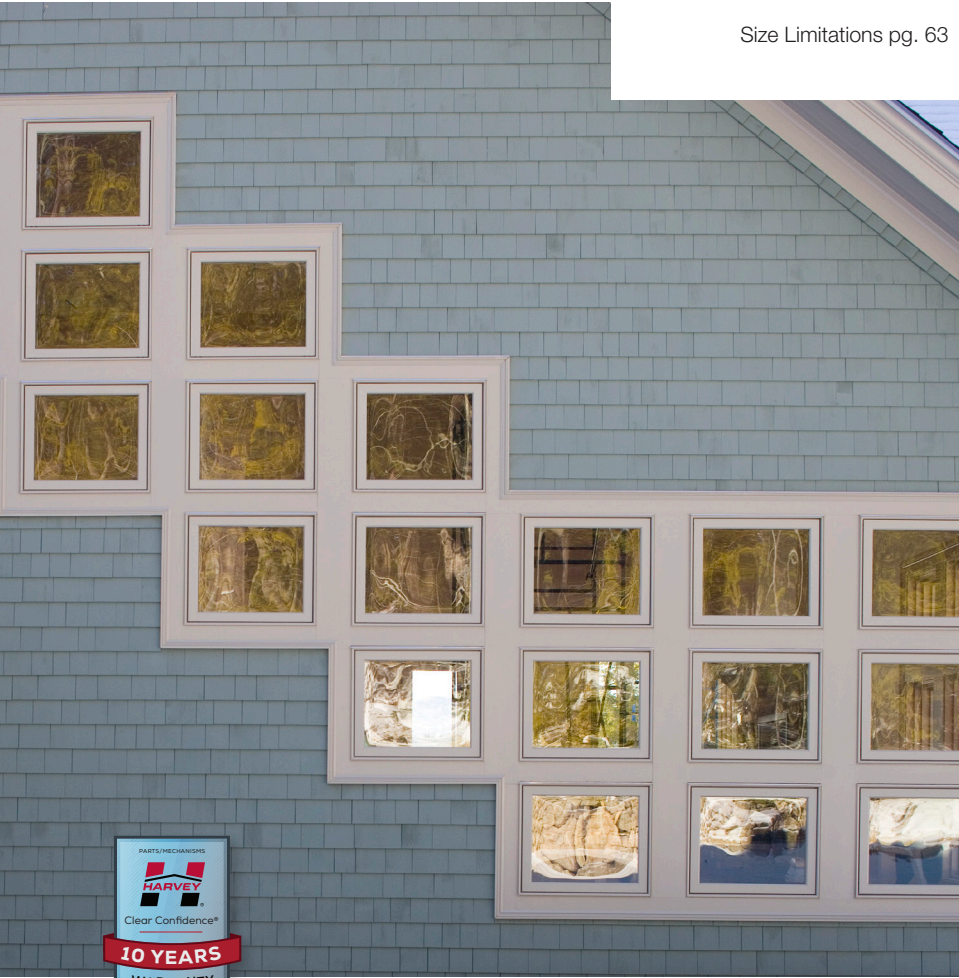


Oil-Rubbed Bronze

STANDARD

PREMIUM

MAJESTY PICTURE & SHAPES



Size Limitations pg. 63

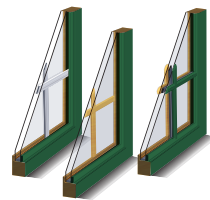


- REPLACEMENT PICTURE
3-1/4" jamb depth
- NEW CONSTRUCTION PICTURE
4-9/16" standard jamb depth; 6-9/16" field-applied extension jambs available



If you are opening up a room to a spectacular view, consider Majesty picture windows. Perfect for new construction or replacement projects, they are available in energy efficient, obscured, bronze or tempered glazing. Or, for a dramatic design, pair them with Majesty shape windows.

OPTIONS



All Grid Styles

Int. Pine or White	Ext. White	Ext. Almond
Ext. Dark Bronze	Ext. Forest Green	Ext. Black

FEATURES

- Energy efficient glazing options
- Solid pine interior
- Aluminum clad exterior

OTHER OPTIONS

- Grids come in 5/8" and 1" sizes as well as custom configurations
- Interior options include warm, unfinished pine or professionally prefinished white (includes 10-year paint warranty)



*Majesty shapes do not come with ENERGY STAR glazing.

MAJESTY GLIDING



Size Limitations pg. 63



NEW CONSTRUCTION

- 2 and 3-Lite design options with routed sash standard
- 3-Lite configurations available in 1/3, 1/3, 1/3 (equal) or 1/4, 1/2, 1/4 (QH) sash splits
- 4-9/16" standard jamb depth; 6-9/16" field-applied extension jambs available
- Factory applied flexible nail fin and drip cap
- One piece aluminum sill

RECESSED SASH LOCK

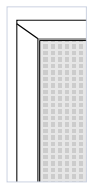


Optimize fresh air and sunlight without compromising space or energy efficiency. The interior sash of a Majesty gliding window horizontally slides by the fixed exterior sash, making them ideal when an outward swinging window cannot be used. Obscured and tempered glazing available.

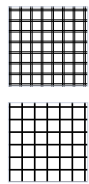
OPTIONS



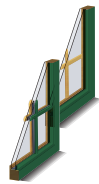
ThermaLock



Aluminum



Fiberglass or VIEWS Mesh



SDL & GBG Styles



All Color Options

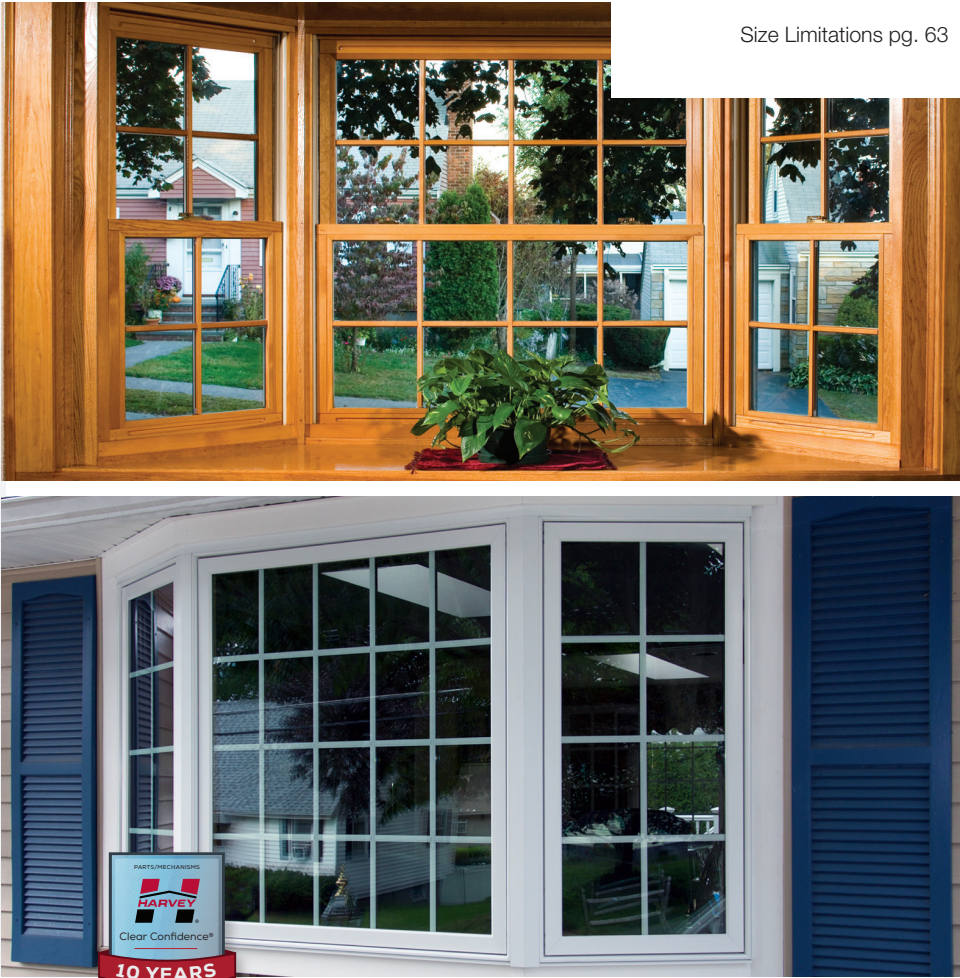
FEATURES

- Energy efficient glazing options
- Solid pine interior
- Aluminum clad exterior
- Double locks on frame heights greater than 34.5"

OTHER OPTIONS

- Grids come in 5/8" and 1" sizes as well as custom configurations
- Interior options include warm, unfinished pine or primed white

MAJESTY BAY & BOW



Size Limitations pg. 63



INSTALLATION OPTIONS

- Bay: either 30° or 45° angles
- Bow: 10° angle
- Cable support system is required to ensure a stable installation and is included with each unit, along with detailed instructions
- Custom manufactured to fit virtually any opening
- Edge banded finish jambs and head and seat boards in oak or maple veneer
- L style nail fin

Harvey's Majesty bay and bow are beautiful and functional. They can be made from casement, picture, or double hung windows, with the same glass, screen, grid and color options. There are no exposed joints or caulking on the exterior of the unit.

CUSTOM ROOFS

All roof systems are fully framed and sheathed in 1/2" plywood; custom roof height includes flange.

They are available in 16 oz. copper or solid aluminum and are also compatible with several other manufacturers.

Underlayment and shingles for finishing structural roofs are available at all Harvey locations. Exterior casing not available on bay/bow window.
*Seat board standard with white aluminum face only, color matched caps finish the outside edge.

ALUMINUM ROOF COLORS



White



Coppertone



Patina



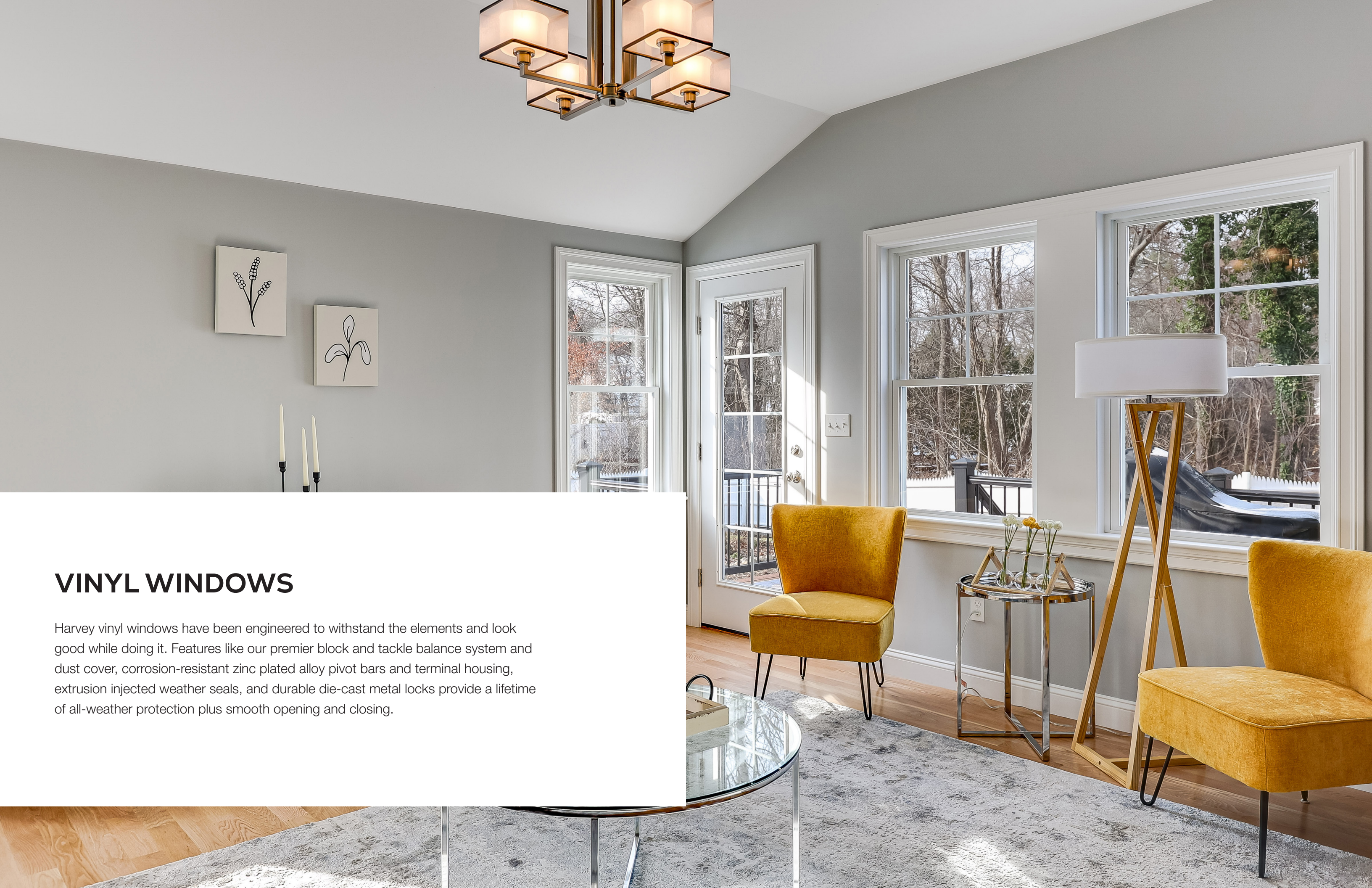
Bronze

FEATURES

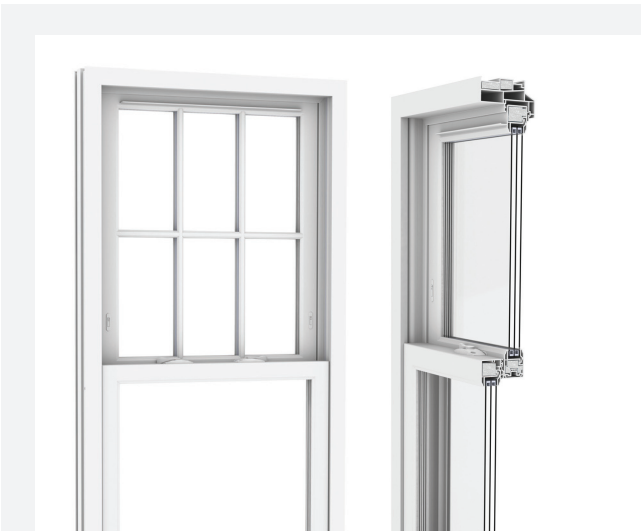
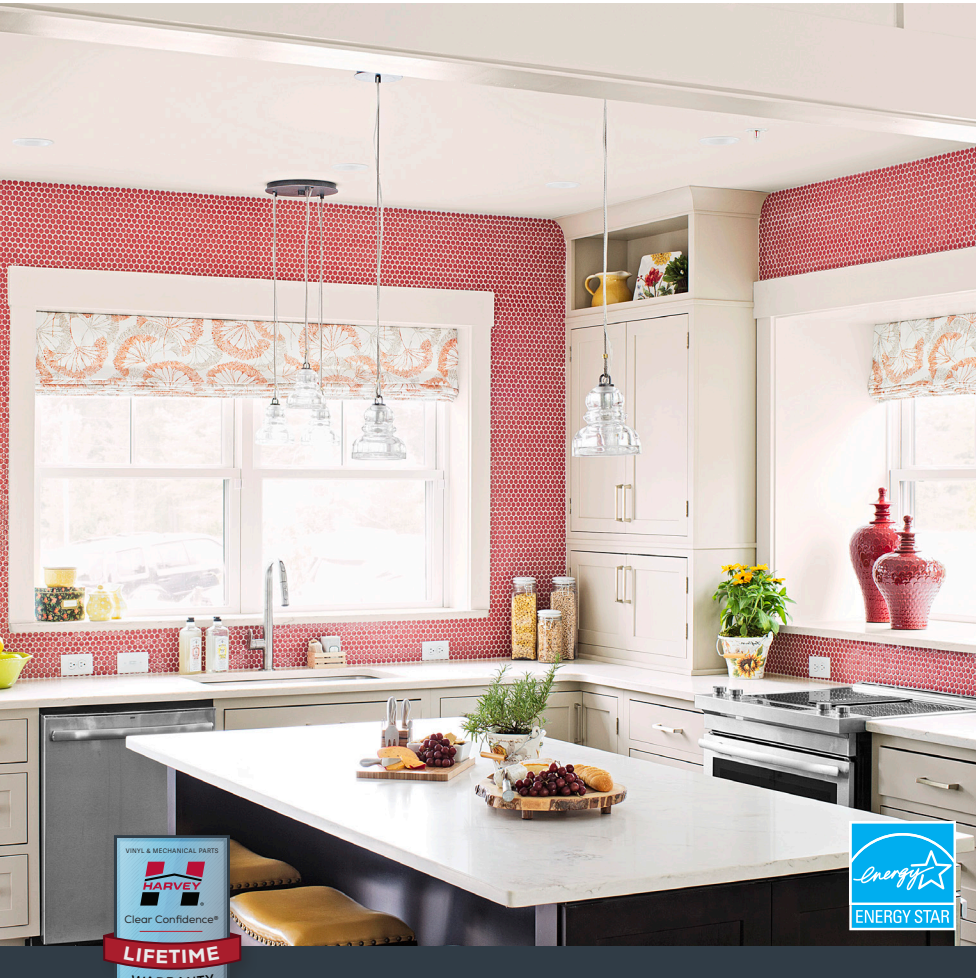
- Energy efficient glazing options
- Solid pine interior with aluminum clad exterior
- Insulated seat board (R=9) custom made to fit each unit*

VINYL WINDOWS

Harvey vinyl windows have been engineered to withstand the elements and look good while doing it. Features like our premier block and tackle balance system and dust cover, corrosion-resistant zinc plated alloy pivot bars and terminal housing, extrusion injected weather seals, and durable die-cast metal locks provide a lifetime of all-weather protection plus smooth opening and closing.



TRIBUTE VINYL DOUBLE HUNG



REPLACEMENT

3-1/4" jamb depth

Adjustable vinyl sill extender and head expander included

NEW CONSTRUCTION

Extension jambs available for 4-9/16" and 6-9/16" wall depths

Integral L or J fin available



EXT. CONTOURS

INT. CONTOURS



The Harvey Tribute double hung provides superior efficiency and stunning good looks. Fusion welded with a contoured sash and glazing bead to emulate the traditional look of a wood window, Tribute has a revolutionary dual-action lock/tilt latch combo for clean lines with no exposed tilt latches.

DUAL ACTION LOCK



LIFT OPTIONS



Applied



Integral

None

FEATURES

ENERGY STAR glazing options

Double locks are standard

Sash/glazing bead contours and Simulated Divided Lite grids could help meet historic requirements

OTHER OPTIONS

Grids come in 5/8" and 1" sizes

Custom grid configurations plus oriel & cottage sash options

Full and half size screens

Exterior Factory Applied Casing: Flat & 908 Brickmould, with or without sill nose

Interior Trim Kits

Size Limitations pg. 62

OPTIONS

ENERGY STAR GLASS



SunGain PLUS
HSHG

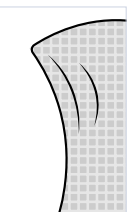


ThermaLock RS
ThermalLock 3X HPTG

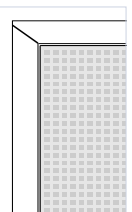


SunShield PLUS

SCREEN | FRAME

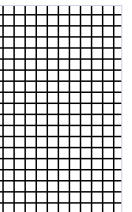


FlexScreen



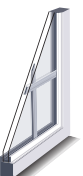
Aluminum

SCREEN | MESH



VIEWS

GRID | TYPE



GBG

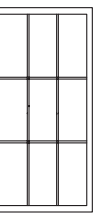


Exterior
Applied

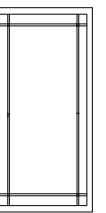


SDL

GRID | STYLE



Colonial



Prairie

COLORS



White Vinyl
(Standard)



Black Laminate



Interior/exterior finish also available in Matte Black Paint.

HARDWARE COLORS



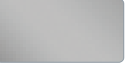
White
(Standard)



Black



Oil Rubbed
Bronze



Brushed
Nickel

CLASSIC VINYL DOUBLE HUNG



Our most popular window, the Classic offers a variety of color, grid and hardware options to match the style of any home. ENERGY STAR options and advanced performance features makes Classic an excellent choice for a hardworking, dependable, yet customizable window.

See pg. 78 for structural ratings.

METAL CAM LOCK



REPLACEMENT

3-1/4" jamb depth

Adjustable vinyl sill extender and head expander included

NEW CONSTRUCTION

Extension jambs available for 4-9/16" and 6-9/16" wall depths

Integral L or J fin available



FEATURES

ENERGY STAR glazing options

Wet Glazed Sash for superior performance and Air Infiltration

Double locks are standard on widths $\geq 30"$

DP40 standard on all single unit sizes. Vinyl sill interlock feature standard on unit widths over 42". Sizes up to 42" x 77" meet DP50 rating without the need for sill rise extenders, improving clear opening.

OTHER OPTIONS

Grids come in 5/8" and 1" sizes

Custom grid configurations plus oriel & cottage sash options

Full and half size screens

Exterior Factory Applied Casing: Flat & 908 Brickmould, with or without sill nose

Interior Trim Kit

Size Limitations pg. 62

OPTIONS

ENERGY STAR GLASS



SunGain PLUS
HSHG

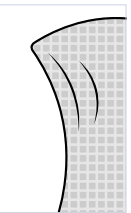


ThermaLock RS
ThermaLock 3X HPTG

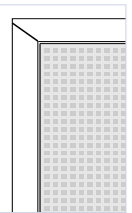


SunShield PLUS

SCREEN | FRAME

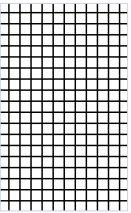


FlexScreen

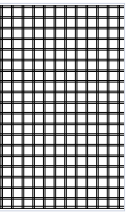


Aluminum

SCREEN | MESH

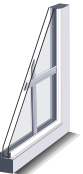


VIEWS



Fiberglass

GRID | TYPE



GBG

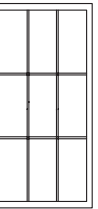


Exterior
Applied

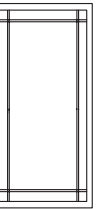


SDL

GRID | STYLE

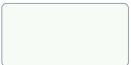


Colonial

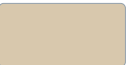


Prairie

COLORS



White Vinyl
(Standard)



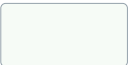
Almond Vinyl



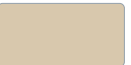
Black Laminate



EXTERIOR PAINT
AVAILABLE



White
(Standard)



Almond



Black

Premium Hardware



Oil Rubbed
Bronze



Brushed
Nickel

Premium hardware
includes matching
lock and tilt latches

SLIMLINE VINYL DOUBLE HUNG



Size Limitations pg. 62



REPLACEMENT

3-1/4" jamb depth

Adjustable vinyl sill extender and head expander included

NEW CONSTRUCTION

Extension jambs available for 4-9/16" and 6-9/16" wall depths

Integral L or J fin available



The Harvey Slimline vinyl double hung window lives up to its name with a slim, fully-welded sash profile and frame that minimizes bulk and maximizes your view. Slimline comes in solid white and almond vinyl, with low profile metal sweep locks.

OPTIONS



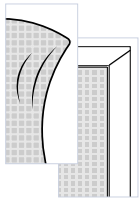
White Vinyl



Almond Vinyl



SunGain PLUS
ThermoLock RS
SunShield PLUS
SunShield



FlexScreen
Aluminum



Fiberglass or
VIEWS Mesh



GBG

FEATURES

ENERGY STAR glazing options

Grids come in 5/8" size

Custom grid configurations plus oriel & cottage sash options

Full and half size screens

Double locks are standard on widths \geq 30"

Exterior Factory Applied Casing: Flat & 908 Brickmould, with or without sill nose

Interior Trim Kit

Available in single hung

SLIMLINE CLASSIC TRIBUTE

SASH & FRAME				
Glass	ENERGY STAR 7.0 Glass	•	•	•
	Specialty	•	•	•
	Clear	•	•	•
Architectural Aesthetic	Contoured Sash and Glazing Bead			•
Sash Configuration	Oriel, Cottage and Standard	•	•	•
Foam-Filled	Frame Performance Upgrade		•	•
EXTERIOR COLORS				
Solid Color Vinyl	White	•	•	•
	Almond	•	•	
Painted	Stocked Black & Dark Bronze		•	•
	Standard Colors (six options)		•	•
	Black Interior/Black Exterior Paint		•	•
	Color matching + Custom		•	•
HARDWARE & GRIDS				
Lock Style	Low Profile Metal Sweep	•		
	Metal Cam		•	
	⚙️ Premium Dual Action			•
Lock Color	Standard Finishes	•	•	•
	⚙️ Premium Finish Option		•	•
Lift Handle	⚙️ Premium Applied Option			•
Limit Latches	Standard for Ventilation	•	•	
	⚙️ Premium Always Active			•
	Premium Always Active			•
Grids	Between Glass	•	•	•
	Exterior Applied		•	•
	Simulated Divided Lites		•	•
SCREENS				
Frame	Extruded Aluminum	•	•	•
	⚙️ Premium FlexScreen	•	•	•
Mesh	Fiberglass	•	•	
	⚙️ Premium Views	•	•	•
PERFORMANCE UPGRADES				
Structural	DP50 Upgrade	•	•	•
	Aluminum Reinforcements	•	•	
EASE-OF-INSTALLATION FEATURES				
Mull Option	Common Jamb	•	•	•
Nail Fins	New Construction J or L	•	•	•
Factory Applied	PFJ/Clear Extension + Custom Jamb	•	•	•
	Exterior Casing	•	•	•
Primed Int. Trim	Pre-assembled Kits	•	•	•
WARRANTY				
Clear Confidence Lifetime	On Vinyl/Parts & 20yr. glass seal	•	•	•



Harvey Windows can be customized to fit any design aesthetic and performance level, with a lineup that not only includes three vinyl double hung options, but also casement, awning, rolling, hopper, picture, and shape styles as well.



CASEMENT & AWNING VINYL



REPLACEMENT CASEMENT & AWNING

3-1/4" jamb depth

Adjustable vinyl sill extender and head expander included

NEW CONSTRUCTION CASEMENT & AWNING

Extension jambs available for 4-9/16" and 6-9/16" wall depths

Integral L or J fin available



Easy-to-operate Harvey casement and awning windows with improved handle provide clean, contemporary lines and maximum ventilation. There's no need to stretch to reach a top lock because the casement unlocks with one conveniently placed latch. The bottom of the awning tilts outward by turning the compact folding handle.

FOLDING HANDLE

Easy-to-use, compact, full-flip folding handles tuck neatly into the cover for a modern, nested appearance. Single latch, multi-point locking system is standard.



FEATURES

ENERGY STAR glazing options

Simulated double-hung meeting rail available on casement

Multi-lite units are factory built as one unit with common jambs

Available in sizes up to 36" x 80", as big as an entry door!

OTHER OPTIONS CASEMENT & AWNING

Grids come in 5/8" and 1" sizes

Custom grid configurations available

Exterior Factory Applied Casing: Flat & 908 Brickmould, with or without sill nose

Full size screens

Interior Trim Kit

Size Limitations pg. 62

OPTIONS

ENERGY STAR GLASS



SunGain PLUS
HSHG

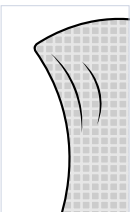


ThermaLock RS
ThermaLock 3X HPTG

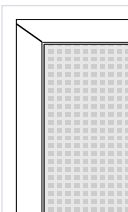


SunShield PLUS

SCREEN | FRAME

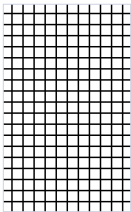


FlexScreen

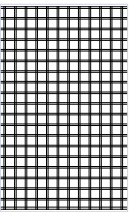


Aluminum

SCREEN | MESH



VIEWS



Fiberglass

GRID | TYPE



GBG

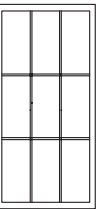


Exterior
Applied

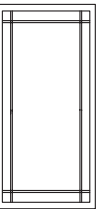


SDL

GRID | STYLE



Colonial



Prairie

COLORS



White Vinyl
(Standard)



Almond Vinyl



Black Laminate



EXTERIOR PAINT
AVAILABLE

HARDWARE COLORS



White
(Standard)



Almond



Black

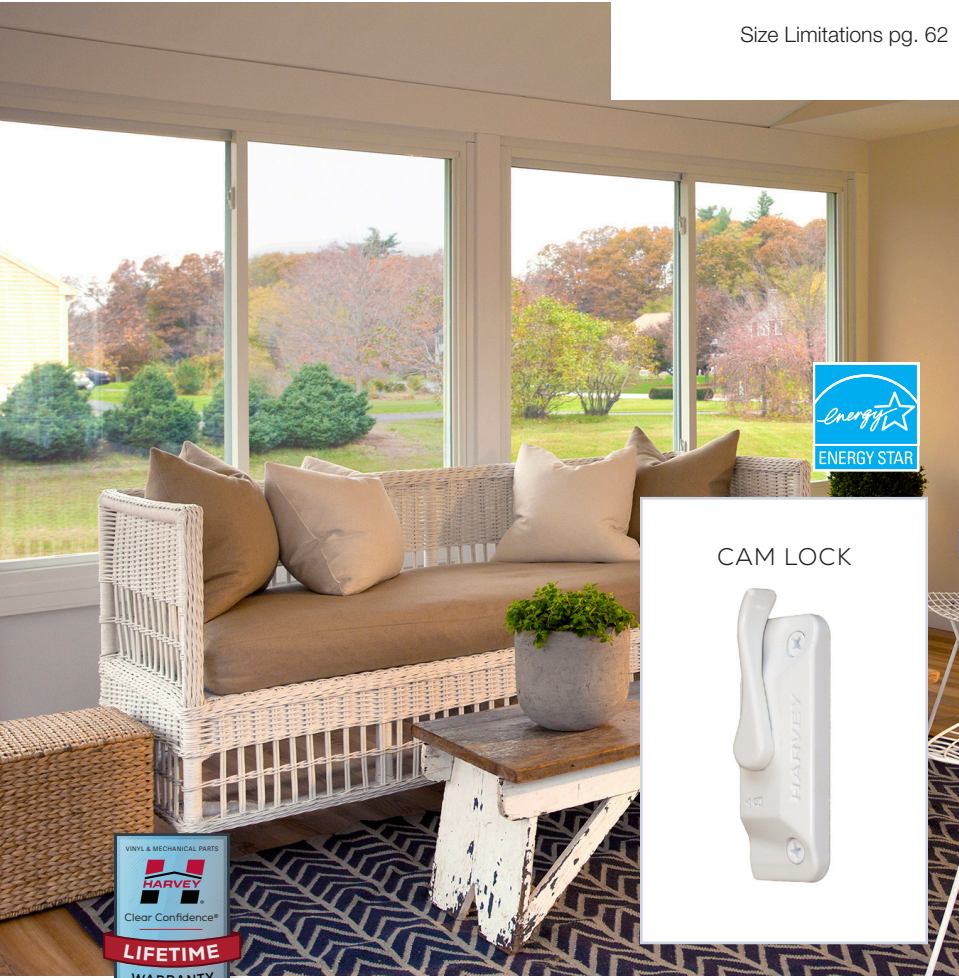


Oil Rubbed
Bronze



Brushed
Nickel

ROLLING VINYL



Size Limitations pg. 62



REPLACEMENT ROLLING

3-1/4" jamb depth

Adjustable vinyl sill extender and head expander included

NEW CONSTRUCTION ROLLING

Extension jambs available for 4-9/16" and 6-9/16" wall depths; custom sizes available

Two integral nailing flange new construction frames available:

- ▶ **Extension jamb receiver:**
Features an integral pre-punched nailing flange, J siding receiver pockets and an integral extension jamb pocket
- ▶ **Flat frame:**
Should be specified for applications in which installers will provide their own extension jambs, sheet rock or other finishing techniques

CAM LOCK

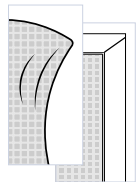


Fully welded for maximum durability, Harvey rolling windows move smoothly on a set of brass rollers and are easy to operate on both sides. Rolling windows are particularly helpful for homeowners that have limitations on physical movement.

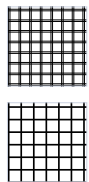
OPTIONS



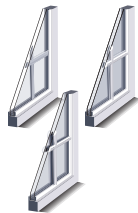
All E-STAR Glass Packages



FlexScreen Aluminum



Fiberglass or VIEWS Mesh



All Grid Styles



All Finish Options

FEATURES

ENERGY STAR glazing options

Compatible with our aluminum receptor, structural mullion and panning systems

Cam lock hardware and integral full-height handles on operable sash standard

REPLACEMENT HOPPER

3-1/4" jamb depth

Adjustable vinyl sill extender and head expander included

NEW CONSTRUCTION HOPPER

Extension jambs available for 4-9/16" and 6-9/16" wall depths

Integral L or J fin available



OTHER OPTIONS ROLLING & HOPPER

Grids come in 5/8" and 1" sizes

Custom grid configurations available

Full and half size screens for Rolling; full size only for Hopper

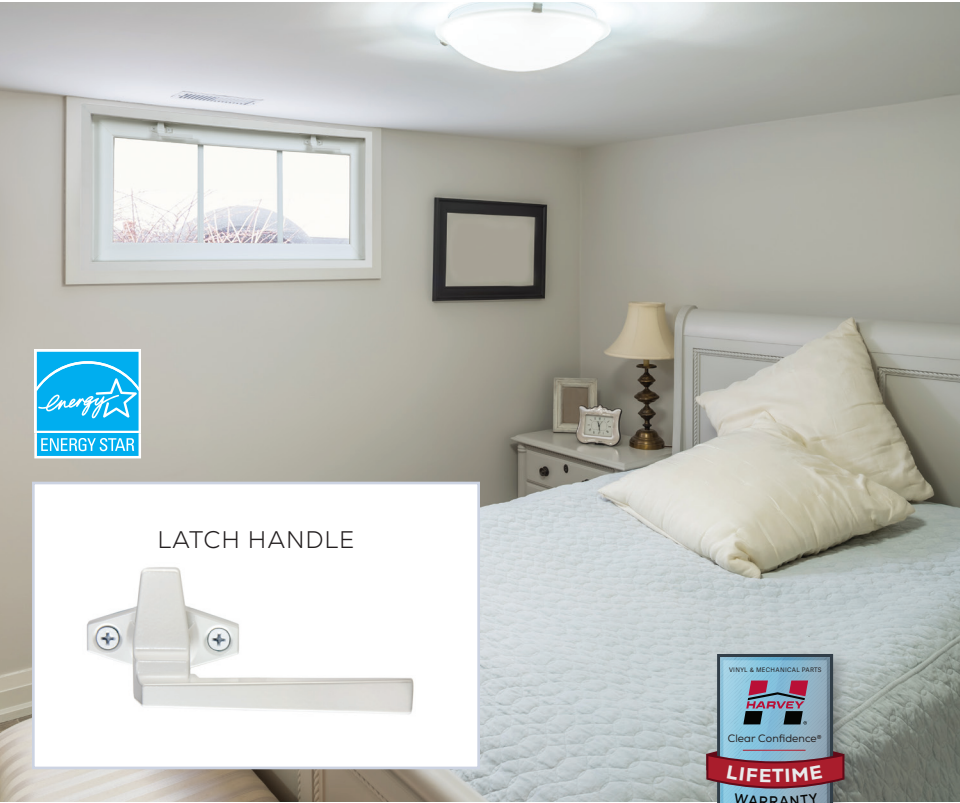
Exterior Factory Applied Casing: Flat & 908 Brickmould, with or without sill nose

Interior Trim Kits

Size Limitations pg. 62



HOPPER VINYL



LATCH HANDLE



The Harvey hopper window is an excellent choice for basement applications. The hopper includes a fully extruded aluminum/fiberglass screen and is custom made to fit your opening. The latch handle comes in white.

Double locks are standard on widths of $\geq 30\text{-}1/4"$ and all mullied units have one-piece head expander.

Hopper performance & style options include:

- ▶ All grid and exterior color options to match your other Harvey windows
- ▶ ENERGY STAR glazing packages upgrades
- ▶ VIEWS screen upgrade available

PICTURE VINYL



Size Limitations pg. 62



INSTALLATION OPTIONS
PICTURE

- 3-1/4" jamb depth
- Extension jambs available for 4-9/16" and 6-9/16" wall depths; custom sizes available
- Aluminum sill angle and head expander included
- All mulled units have one-piece head expander (optional)
- Common jamb available



Take in the great outdoors with a picture window. Use them by alone or combine them with casements and/or double hung windows for more sweeping views and greater air circulation. Picture windows also perfectly compliment shape windows when creating a custom configuration.

OPTIONS



All E-STAR Glass Packages



All Grid Styles



All Finish Options

FEATURES

- ENERGY STAR glazing options
- OTHER OPTIONS
- Grids come in 5/8" and 1" sizes as well as custom configurations
- Interior Trim Kits

SHAPES &
GARAGE DOOR TRANSOM



Size Limitations pg. 64



INSTALLATION OPTIONS
SHAPES

- Foam PVC extension jambs (standard); option for wood extension jambs
- 4-9/16" or 6-9/16" extension jamb, and 2-1/2" or 3-1/2" PVC Colonial or Windsor trim
- New construction has Integral L or J fin available

INSTALLATION OPTIONS
GARAGE DOOR TRANSOM

- New construction has J-fin standard; L-adaptor available
- Available with or without extension jamb receiver
- Primed, 4-9/16", 6-9/16" extension jambs; custom sizes up to 7-1/4"
- Factory Applied Exterior Casing: 3" flat or 908 brickmould, with sill nose or picture-framed

Thanks to Harvey's special vinyl forming process, you can add variety and individuality to projects with custom shapes.

Specialty shapes include octagons, triangles, roundtops and full circles. Numerous grid options enhance interior design possibilities. Wood and PVC trim can be specified on any specialty window for added value and beauty.

Another great way to let in natural light and add a decorative element is with a custom transom above the garage. Standard grid pattern is 14-lite 5/8" contoured Grids Between Glass. Additionally, garage door transoms can be ordered in 2-or-3-wide common jamb.

See patio door transoms page 59.

FEATURES

- ENERGY STAR glazing options available
- Available in white or almond vinyl and our full spectrum of exterior paint options
- OTHER OPTIONS
- Grids come in 5/8" and 1" sizes as well as custom configurations

BAY & BOW VINYL



Size Limitations pg. 62



INSTALLATION OPTIONS BAY & BOW

Bay: either 30° or 45° angles

Bow: 10° angle

Cable support system is required to ensure a stable installation and is included with each unit, along with detailed instructions

Custom manufactured to fit virtually any opening and factory assembled for easy installation

Edge banded finish jambs and head and seat boards in oak or maple veneer

L style nail fin

BAY



BOW



Harvey's bay and bow windows combine traditional style with the convenience of maintenance-free vinyl. They can be made from casement, picture, or double hung windows, with the same glass, screen, grid and color options. There are no exposed joints or caulking on the exterior of the unit.

CUSTOM ROOFS

All roof systems are fully framed and sheathed in 1/2" plywood; custom roof height includes flange. They are available in 16 oz. copper or solid aluminum and are also compatible with several other manufacturers.

ALUMINUM ROOF COLORS



Underlayment and shingles for finishing structural roofs are available at all Harvey locations. Exterior casing not available on bay/bow window.
*Seat board standard with white aluminum face only, color matched caps finish the outside edge.

FEATURES

ENERGY STAR glazing options

Multi-point lock on all casements

Insulated vinyl mullions

Insulated seat board (R=9) custom made to fit each unit*

GARDEN VINYL

Size Limitations pg. 62



INSTALLATION OPTIONS GARDEN

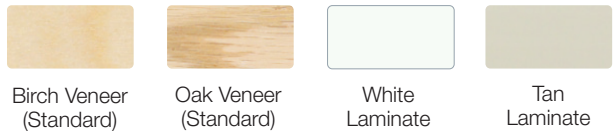
Largest size available 72" x 48"

Units 60-1/2" x 60-1/2" and smaller are AAMA certified for an R-50 rating

Extension jambs available for 6-9/16" wall depths

Nail fin and flashing included

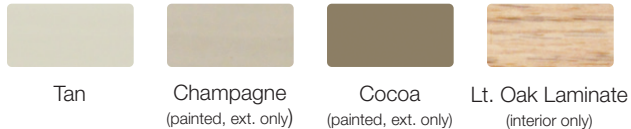
HEAD/SEAT BOARD AND JAMB FINISHES UPGRADES



LG SURFACE SEAT BOARD COLORS UPGRADES



INTERIOR/EXTERIOR FRAME FINISH UPGRADES



Bring the outdoors in with Harvey's vinyl garden window. Perfect for both new construction and remodel projects, garden windows are a beautiful setting for plants, collectibles or decorations.

Units come standard in white frame/laminate 4-9/16" jamb, and a choice of birch or oak veneer for the shelf and seat board.

Garden performance and style options include:

- ▶ Grid and color options.
- ▶ Adjustable glass shelf (with polished edges and brackets/standards) can be added.
- ▶ Waterproof insulation seat board to increase R-Value to 6.22.

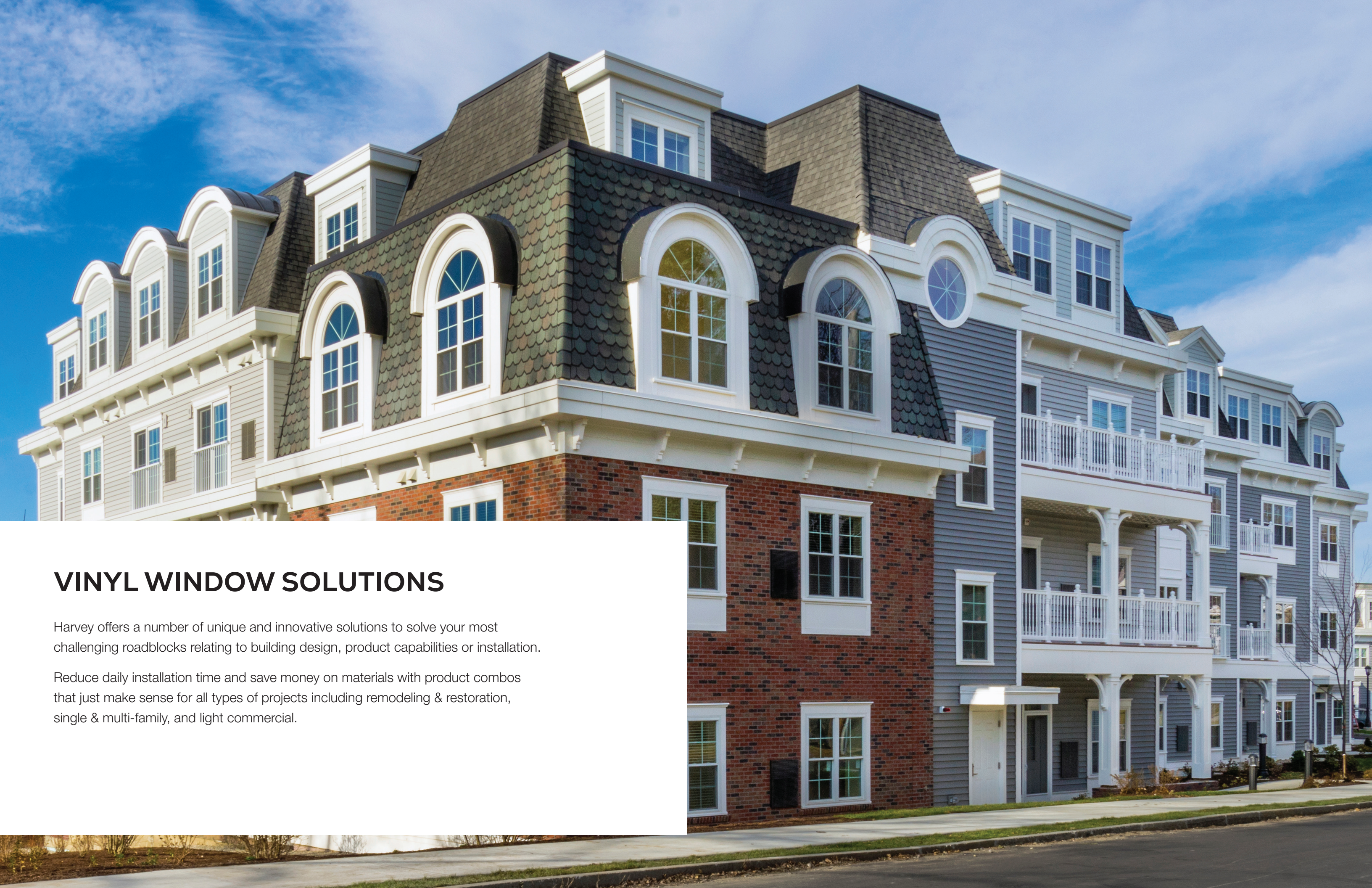
FEATURES

High performance 1" insulating glass with option of Low-E/Argon glazing

Top lite (a constant 35° pitch) is tempered for improved safety and integrity

Support brackets are not needed

10 year warranty



VINYL WINDOW SOLUTIONS

Harvey offers a number of unique and innovative solutions to solve your most challenging roadblocks relating to building design, product capabilities or installation.

Reduce daily installation time and save money on materials with product combos that just make sense for all types of projects including remodeling & restoration, single & multi-family, and light commercial.

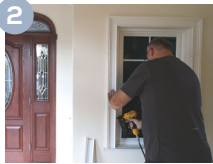
TRIM KITS & EXTERIOR CASING



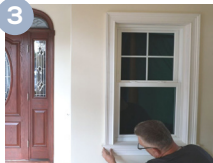
INSTALLATION IS EASY!



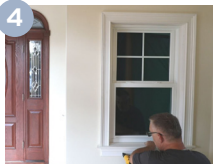
After window installation, position Trim Kit inside built-in pocket of Harvey window.



Secure Trim Kit with finish nails.



Align apron to outside of frame.



Secure apron with finish nails and fill in nail holes.

Harvey Interior Trim Kits are easy to order and provide quality workmanship and a precision fit that cuts your installation time down to seconds. Fully assembled kits include interior casing and extension jambs, glued and backstitched, ready to apply to all Harvey vinyl new construction windows. Available in 8 classic profiles.

Harvey also has a product for speeding up exterior finishing: fusion welded, factory applied casing options that allow homeowners to forget about costly maintenance. They are moisture-proof, insect-proof and provide a lifetime of beauty and value.

FEATURES

Interior Trim Kits:
Available in finger-jointed pre-primed pine or clear pine. Apron is cut to length with mitered returns and ships separately, to be installed on-site.

Factory Applied Ext. Casing:
Available in White or Almond vinyl (extruded from the same materials as Harvey windows) and can be painted for the perfect match.

INSTALLATION OPTIONS INTERIOR TRIM KITS

Extension jambs available in 4-9/16" or 6-9/16" drywall as well as 4-3/4" or 6-3/4" plaster + custom depths

Available for most factory-mulled combinations (excluding shapes)

INSTALLATION OPTIONS FACTORY APPLIED EXT. CASING

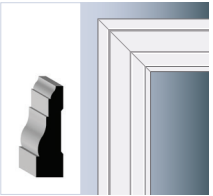
Available in 908 brickmould or 3" flat with or without sill nose

Built-in 13/16" J-channel and optional L-fin adapter

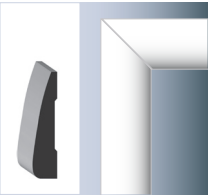


OPTIONS

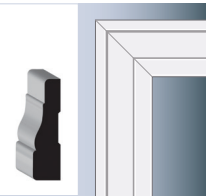
INTERIOR TRIM KIT PROFILES



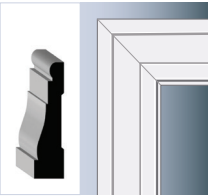
2-1/4
Colonial
WM366



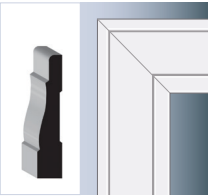
2-1/2
Clamshell/Ranch
WM315



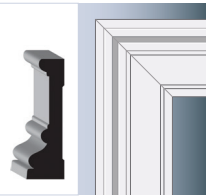
2-1/2
Colonial
WM351



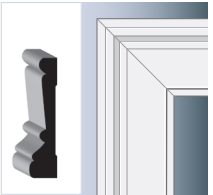
3-1/4
Beaded Colonial
WM445



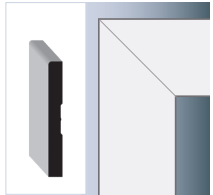
3-1/2
Colonial
WM444



3-1/2
Windsor
LGM7/B200



3-1/2
Stafford
GM650/B225



3-1/2
Flat
WM412

FACTORY APPLIED EXTERIOR CASING PROFILES



Shown without sill nose
3" Flat



Shown with sill nose
908 Brickmould

COLORS | TRIM KIT



Finger-jointed
Pre-primed Pine



Clear Pine

COLORS | EXTERIOR CASING



White Vinyl



Almond Vinyl



EXTERIOR PAINT
AVAILABLE

PANNING SYSTEMS

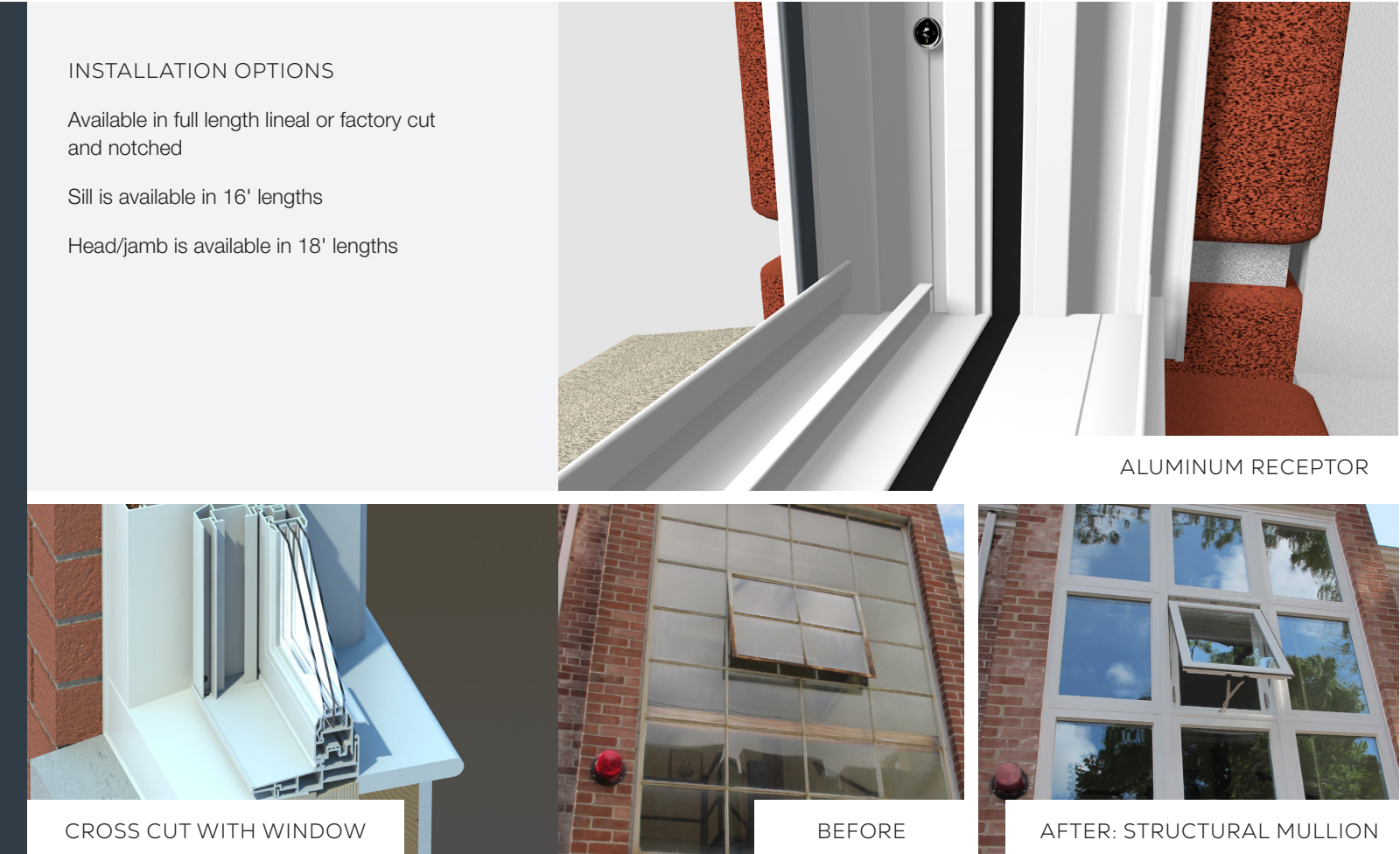


Retrofitting masonry openings or historic structures in order to install energy efficient windows can be time consuming and costly. The solution? The Harvey aluminum panning system, designed to fit Harvey vinyl windows perfectly.

Harvey's panning system is designed for window replacement applications over existing wood or steel frames, allowing for a clean, tight window installation while leaving the existing building intact. The panning covers the perimeter of the opening without disturbing the casing and frames, and provides a stop to install the window into.

The design utilizes a sloped sill with a common part for the head/jamb and is engineered using heavy extruded aluminum parts. This highly compatible system installs into the window opening first, followed by the window (replacement style).

RECEPTOR & STRUCTURAL MULLION



FEATURES

- Aluminum extruded to 0.085" wall thickness
- 7/16" raised leg on sill
- Standard profile is compatible with most openings
- Available in White, Almond, Black, and Dark Bronze to match Harvey windows

Receptor systems have long been used on job sites with aluminum windows, but now there is a customized solution for vinyl window projects. Harvey's aluminum receptor system simplifies and accelerates installation in projects with challenging existing conditions. This thermally broken product is used in place of interior/exterior stops, resulting in a cleaner look than traditional installations.

Ideal for masonry, the receptor system, along with a structural mullion, is designed to convert oversized openings to an individual opening to facilitate easy installation, without the need for lifts on multi-story structures. Enhanced features include custom weep holes and bulb weatherstripping to ensure a tight seal.

Harvey's two-piece, thermally broken structural aluminum mullion includes a vinyl cover system that works on both the interior and exterior of the mullion.

FEATURES

- Aluminum Receptor**
 - ▶ Certified DP50 rating
 - ▶ Compatible with Harvey vinyl products with a 3 1/4" jamb depth
 - ▶ Available in White, Almond, Black, and Dark Bronze to match Harvey windows
- Structural Mullion**
 - ▶ DP50-120mph rated
 - ▶ Vinyl cap color matched to prime window

VINYL ACCU-FIT ENCLOSURE SYSTEM

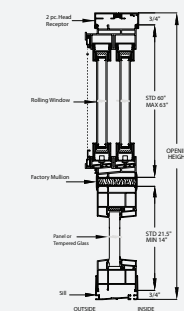


Kneewall with foam

INSTALLATION OPTIONS

Kneewall glazed with 7/8" tempered glass or 7/8" insulating foam panel

Maximum opening width 75"; Maximum height 100"



VERTICAL



Kneewall with picture window

The Accu-Fit System is a 3-season non-load bearing 3-1/4" wall system that utilizes the combination of Harvey's two-piece thermally broken aluminum receptor system to create structural openings, and Harvey replacement windows to create a unique indoor/outdoor living space. Accu-Fit provides maximum flexibility and ease of installation.*

Rolling, Double Hungs, Picture or Casement replacement style windows can be used in this system. Combine with Harvey Vinyl Patio Doors or Harvey Entry doors (standard installation required) to allow outside access.



Helpful Tip:

To order, please provide your local rep with Rough Opening measurements to the nearest 1/4" for accurate material allocation.

*All openings must be plumb, level and square.

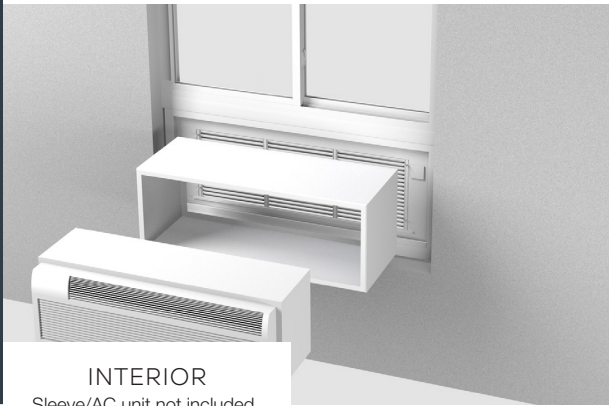
PTAC WINDOW UNITS



INSTALLATION OPTIONS

Units can be weeped internally or externally

Louvers can be blanked out on the back to match with those that have PTAC units, maintaining consistency



INTERIOR
Sleeve/AC unit not included.

FEATURES

Receptor system is provided in lineal form to be cut and fitted in the field to fit any custom opening

Receptor is available in White, Almond, Black and Dark Bronze to match Harvey vinyl window paint options

Knee wall may be a solid panel or a picture window glazed with tempered glass

Harvey PTAC window units create a unified, watertight design while simplifying your window and HVAC installations. This PTAC solution is all about savings; not only will you save on rough out material and labor costs, you'll save on installation labor as well.

Harvey PTAC-ready window solutions consist of a fully welded vinyl frame that is custom built around a PTAC louver and then factory muller to your desired window(s). The louver is custom designed to match the sleeve of your PTAC, resulting in lowered HVAC cost.

The unit delivered to your job site is completely integrated, and is installed into a single rough opening—reducing steps and providing a clean aesthetic on the exterior. Installation is a breeze, with no need for separate rough openings.

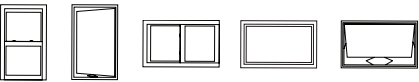
Available in white or almond vinyl as well as our full range of painted color options.

FEATURES

Extruded aluminum louver; 6063-T5

Kynar industrial grade paint finish available in custom colors to match Harvey windows, or choose black or dark bronze stock colors for a shorter lead time

Can be muller to all operating styles



COMMON JAMB



When it comes to installing 2-or-3-wide windows, traditional products for mulling typically involve using an H mullion that requires sealant or caulking to create a weatherseal. These mullions have a weaker bond and deflect easily, while also creating additional, unwanted areas for air and water to infiltrate.

Harvey offers a superior, common jamb solution that makes installation of multiple units as easy as one, engineered with a one-piece header, one-piece sill, and a single vertical mullion to receive the sashes on either side. Since Harvey's common jamb is a single frame with an uninterrupted nail fin, it is stronger and more weather tight, allowing for faster installation and flashing.

INSTALLATION OPTIONS

- Up to 4-wide configurations
- Available in both J and L fin for new construction and also comes in replacement style
- Anchor straps included



COMMON JAMB STANDARD H MULL

FEATURES

- Aluminum reinforcement of mullion standard for windows over 48" high
- Uninterrupted nailing fin allows for faster installation and flashing
- Along with stability, the vertical mullion is narrower than traditional mulls, allowing for more glass exposure, so there's less to get in the way of the view.

ADDITIONAL CAPABILITIES AND SOLUTIONS



SAFETY / ACCESSIBILITY OPTIONS

- Always Active Limit Latches WOCD on Double Hung windows that limits the sash from being opened more than 4".
- Locking Tilt Latch which includes a mechanism that locks/unlocks the tilt-in functionality, while still allowing windows to open and close.
- Custodial (keyed) sash locks for institutional applications which can be factory applied and keyed alike, or the locks can be applied in the field after installation.
- Vinyl Casement WOCD designed for a hinged sash that opens out and keeps the sash from being opened more than 4".
- ADA style casement and awning hardware allow for one-handed operation of window mechanisms, reducing the need for tight grasping, pinching, or twisting of the wrist.

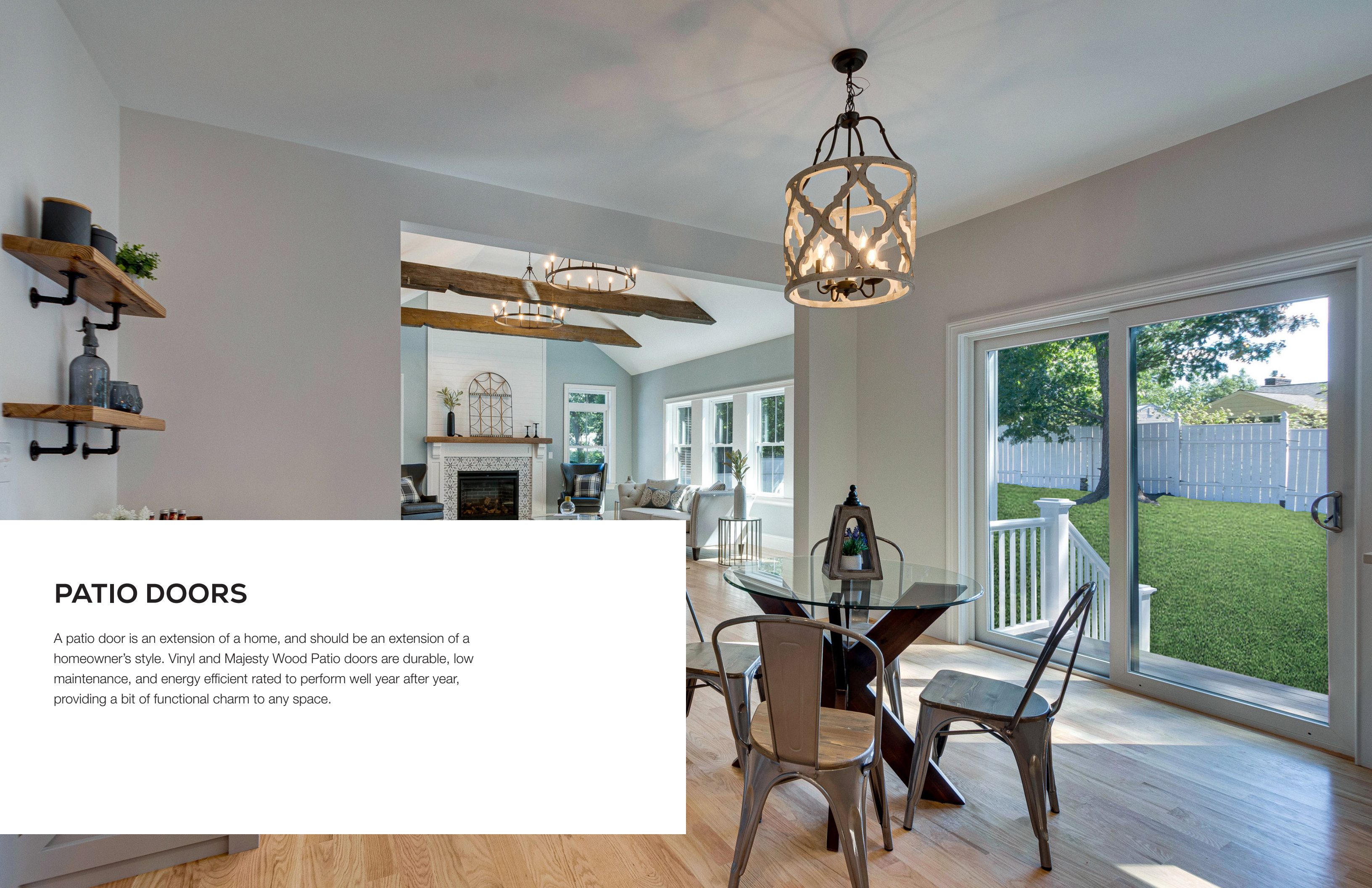
When you buy from Harvey, you buy products that perform. We meticulously QA test during production, and our products are put through rigorous testing by our engineers in our certified on-site lab to verify they meet stringent thermal and structural requirements.

What We Test For:

- ▶ Acoustic and Thermal Performance
- ▶ Design Pressure Testing (AAMA Standards)
- ▶ Air and Water Resistance
- ▶ Commercial project testing to ensure products meets specs

PLUS:

- We can provide takeoff and estimating services for commercial and large jobs.
- Ask your Rep. about how Harvey can help you do more.



PATIO DOORS

A patio door is an extension of a home, and should be an extension of a homeowner's style. Vinyl and Majesty Wood Patio doors are durable, low maintenance, and energy efficient rated to perform well year after year, providing a bit of functional charm to any space.

PATIO DOOR OPTIONS



BLINDS BETWEEN GLASS

Blinds Between Glass offer an easy and convenient way to enjoy the look and privacy of conventional blinds with none of the hassle, which makes them the perfect add-on for Harvey Vinyl Patio doors.

ENERGY STAR 6.0 glass included. Available for Harvey solid vinyl patio door only. 2-4 lite configurations have the option for fiberglass screen. Not available with grids.

BENEFITS INCLUDE:

- PRIVACY**

BBG are adjustable and can be raised, lowered and tilted
- SAFETY**

Cords and blinds are encased providing safety for children and pets
- LIGHT CONTROL**

Allowing the sun in, or not, helps control household temperature
- DÉCOR**

Clean, efficient look with no need for bulky window treatments
- CONVENIENCE**

Minimal reaching and stooping to operate the blinds
- NO DUSTING**

Conventional blinds attract dust and are difficult to clean; Blinds Between Glass solve both these problems!



- OPTIONS**
- Painted finishes available (blinds remain White)
- Non-keyed handle set and flushmount deadbolt included
- 610 heights available; Custom sizes available
- CONFIGURATIONS**
- 1 lite: 2668 and 3068
- 2 lite: 5068 and 6068 XO AND OX
- 3 lite: 9068 OXO (left and right), and XO/OOX
- 4 lite: 10068 and 12068 OXXO

- SETUP/EXTERIOR CASING VINYL**
- Frame set-up only or fully set-up (frame & panels) available on any 2-wide door
- Exterior Factory 908 or 3" flat profile available**
- Includes frame set-up
 - Not available on non set-up doors or patio doors with transoms
- OTHER OPTIONS VINYL**
- Multi-point lock options utilize 4 locking "claws" that engage simply by turning the knob
- Grids come in 5/8" and 1" sizes

- OTHER OPTIONS MAJESTY**
- Grids come in 3/4" or 1" for GBG and 7/8" or 1-1/4" for SDL
- Foot bolt (Gliding)
- Bronze sill

- OTHER OPTIONS VINYL & MAJESTY**
- Custom grid configuration available
- Double-active doors require two screens
- Seacoast Hardware option for corrosion resistance; available in white or almond color-matched powder coat finish handle and includes Stainless Steel:
- Panel and screen rollers and roller track cover
 - Fasteners, latch mechanism, offset keeper

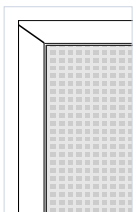
MAJESTY & VINYL OPTIONS

ENERGY STAR GLASS



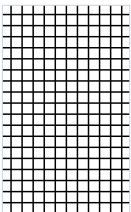
- ThermaLock RS
- ThermaLock
- SunShield PLUS

SCREEN | FRAME

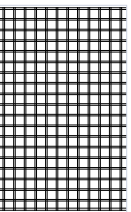


Aluminum

SCREEN | MESH



VIEWS



Aluminum (Vinyl)
Fiberglass (Majesty)

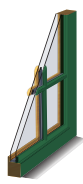
GRID | TYPE



GBG

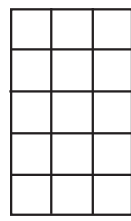


Exterior Applied

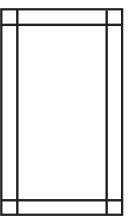


SDL

GRID | STYLE



Colonial



Prairie

COLORS + HARDWARE



White



Almond



Brushed Nickel



Black



Oil Rubbed
Bronze/Dark Bronze

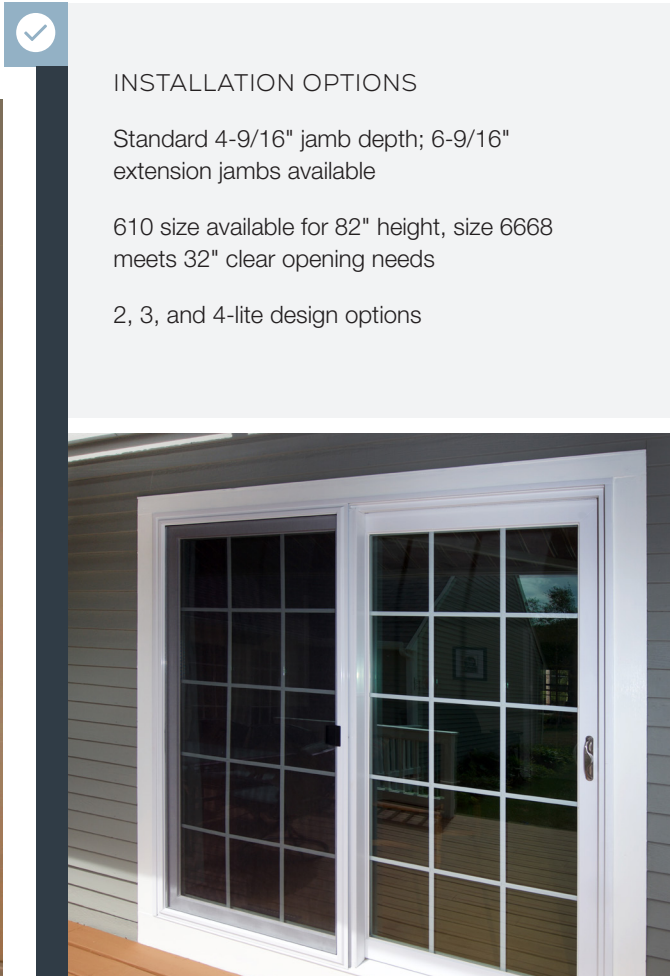
See Page 12 for Interior/Exterior color options.

Ask about dual-tone hardware options.

PATIO DOOR VINYL



Size Limitations pg. 64



INSTALLATION OPTIONS

Standard 4-9/16" jamb depth; 6-9/16" extension jambs available

610 size available for 82" height, size 6668 meets 32" clear opening needs

2, 3, and 4-lite design options

PATIO DOOR & TRANSOM



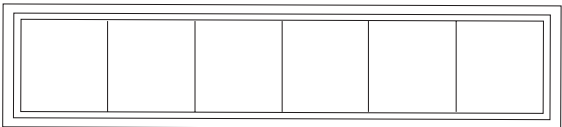
Along with standard sizes, Harvey vinyl patio doors can be custom-built to fit virtually any opening, so you get the look you want with the performance you expect.

Solidly constructed and reinforced with heavy-duty aluminum for added durability, they include welded sash corners to provide maximum strength, while multi-chambered frame extrusions further increase their stability and thermal efficiency.

FEATURES

- ENERGY STAR glass options available
- 2, 3, and 4 lite design options
- Flushmount deadbolt standard on operating panels
- Standard non-keyed hardware included, keylock option available
- Blinds Between Glass option

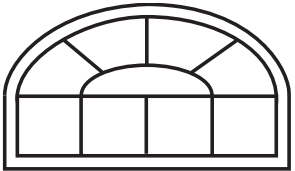
Harvey solid vinyl patio doors are available with factory-mulled transoms, on two-panel doors at 5', 6' and 8' widths.



Rectangle



Ellipse



Extended Segmental

FEATURES

- ENERGY STAR glass options available
- Flushmount deadbolt standard on operating panels
- Standard non-keyed hardware included, keylock option available
- Blinds Between Glass option
- Rectangle, ellipse and extended segmental shapes available
- Custom grid configuration available to match patio door

MAJESTY WOOD GLIDING



Harvey Majesty wood gliding patio doors offer contemporary hardware options, and narrow door stiles save space while delivering a sleek, casual look.

Available in 2, 3 and 4-Lite design options, they glide effortlessly along a continuous fiberglass sill. The heavy-duty weatherstripping ensures the patio door will open without a hitch, regardless of the season.

Sturdy and well crafted, Majesty wood gliding patio doors have two tandem, heavy-duty, end-adjustable rollers for fluid and smooth operation for years to come, and they pair beautifully with Majesty windows.

INSTALLATION OPTIONS

Standard 4-9/16" jamb depth; 6-9/16" extension jambs available

2, 3, and 4 lite design options

Replacement and new construction sizes available



FEATURES

Energy efficient glazing options available

Solid pine interior with aluminum clad exterior

Extruded aluminum screen frame with fiberglass wire included

One-piece gray fiberglass sill

Integral rigid aluminum nail fin

Frame comes set-up

MAJESTY WOOD HINGED



Majesty Hinged Patio Doors' classic hardware and French panel design offer accessible entryways that swing in, inviting in the outdoors, or swing out, extending the space into the outdoors.

Hinged patio doors offer a traditional, elegant style and are available in 1, 2, 3 or 4-Lite panel design options. The integral frame drip edge enhances water protection and a dual seal frame weatherstripping optimizes air and thermal performance.

The contemporary handleset and adjustable hinge system protect against high-traffic wear and tear. The elegant panels have a sturdy 8" bottom rail for added durability.

INSTALLATION OPTIONS

Standard 4-9/16" jamb depth; 6-9/16" factory applied extension jambs available

2, 3, and 4-Full lite, in-swing and out-swing design options

Replacement and new construction sizes available



FEATURES

Energy efficient glazing options available

Solid pine interior with aluminum clad exterior

Extruded aluminum screen frame with fiberglass wire available

Gray wept sill system

Factory-applied rigid aluminum nail fin




















Frame comes set-up


















SPECS + REFERENCES

This is your easy reference guide for Harvey Majesty wood windows, vinyl windows, and patio doors. In this section you will find measuring information, clear opening specs and unit size limitations.

VINYL UNIT LIMITATIONS

			MIN	MAX	MAX UI
DOUBLE HUNG AND SINGLE UNITS		Tribute	16-1/4" (w) x 26" (h)	48" (w) x 84" (h)	132"
		Classic	16-1/4" (w) x 24" (h)	48" (w) x 84" (h)	132"
		Slimline (DH & SH)	16-5/8" (w) x 26-1/4" (h)	54" (w) x 77" (h)	123"
CASEMENT		1-Lite Venting	16" (w) x 18" (h)	36" (w) x 80" (h)	116"
		2-Lite Venting	31-1/4" (w) x 18" (h)	71-1/4" (w) x 80" (h)	151"
		3-Lite Venting (EQUAL LITE ONLY)	46-1/2" (w) x 18" (h)	106-1/2" (w) x 80" (h)	180"
		4-Lite Venting	61-3/4" (w) x 18" (h)	141-3/4" (w) x 80" (h)	180"
AWNING		1-Lite Venting	20" (w) x 16" (h)	64" (w) x 58" (h)	106"
		2-Lite Venting	39-1/4" (w) x 24" (h)	48" (w) x 110" (h)	162"
		3-Lite Venting	58-1/2" (w) x 16" (h)	141-3/4" (w) x 42" (h)	180"
		AF1/AV1 Fixed Over Venting	20" (w) x 31-1/4" (h)	60" (w) x 121-1/4" (h)	180"
		2-Lite Venting Vertical	20" (w) x 31-1/4" (h)	60" (w) x 83-1/4" (h)	142"
		3-Lite Venting Vertical	20" (w) x 46-1/2" (h)	60" (w) x 124-1/2" (h)	180"
ROLLING WINDOW		2-Lite	26" (w) x 16-1/4" (h)	86-1/4 (w) x 62-1/2" (h)	140"
		3-Lite	37" (w) x 16-1/4" (h)	119-3/4" (w) x 62-1/2" (h)	180"
PICTURE WINDOW			12" (w) x 16" (h) or 16" (w) x 12" (h)	79-3/4" (w) x 79-3/4" (h)	144"
HOPPER			12" (w) x 16" (h) or 16" (w) x 12" (h)	42" (w) x 41-3/4" (h)	76"
PICTURE WINDOW CENTER BAY		30°	50-3/4"	135-3/4"	-
		45°	46-1/2"	128"	-
DOUBLE HUNG CENTER BAY		30°	50-3/4"	103"	-
		45°	46-1/2"	96"	-
TWIN DOUBLE HUNG BAY		30°	66"	144"	-
		45°	61-3/4"	144"	-
THREE LITE BAY		30°	52-3/4"	135-3/4"	-
		45°	48-1/2"	128"	-
THREE LITE BOW		10°	52-3/4"	110"	-
FOUR LITE BAY		30°	68"	127"	-
		45°	63-3/4"	119-1/4"	-
FOUR LITE BOW		10°	68-3/4"	143"	-
FIVE LITE BAY		30°	83-1/4"	143"	-
		45°	79"	143"	-
FIVE LITE BOW		10°	84-1/2"	143"	-
SIX LITE BOW		10°	99"	143"	-
GARDEN WINDOW			24" (w) x 30" (h)	72" (w) x 48" (h)	-
DEADLITE			12" (w) x 18" (h) or 18" (w) x 12" (h)	80-1/4" (w) x 80-1/4" (h)	120"


MAJESTY UNIT LIMITATIONS

			MIN	MAX	MAX UI
DOUBLE HUNG			16-1/2" (w) x 29-3/4" (h)	48"(w) x 84" (h)	126"
CASEMENT		1-Lite Venting	16" (w) x 16" (h)	32" (w) x 72" (h)	104-1/2"
		2-Lite Venting	32" (w) x 16" (h)	64" (w) x 72" (h)	124"
		3-Lite Venting (EQUAL LITE ONLY)	48" (w) x 16" (h)	96" (w) x 72" (h)	155"
		4-Lite Venting	64" (w) x 16" (h)	106" (w) x 72" (h)	172"
AWNING		Single Vent	19" (w) x 16-1/4" (h)	48" (w) x 38" (h)	80"/unit
		Fixed Over Venting	19" (w) x 24" (h)	48" (w) x 110" (h)	158"/unit
GLIDING WINDOW		2-Lite	27-3/16" (w) x 22-3/4" (h)	71-3/16" (w) x 60-3/4" (h)	131"
		3-Lite	36-11/16" (w) x 22-3/4" (h)	104-11/16" (w) x 60-3/4" (h)	164"
PICTURE WINDOW		MATCHES DOUBLE HUNG FRAME	16" (w) x 23-1/2" (h)	78" (w) x 78" (h)	139"
		MATCHES CASEMENT FRAME	12" (w) x 12" (h)	60" (w) x 72" (h)	132"
		ONLY ONE DIMENSION (W OR H) CAN EXCEED 65"			
PICTURE WINDOW CENTER BAY		30°	52-3/4"	133-1/2"	-
		45°	49"	126-1/2"	-
DOUBLE HUNG CENTER BAY		30°	52-3/4"	103-1/2"	-
		45°	49"	96-1/2"	-
TWIN DOUBLE HUNG BAY		30°	68-3/4"	144"	-
		45°	65"	144"	-
THREE LITE BAY		30°	52-3/4"	120"	-
		45°	49"	120"	-
THREE LITE BOW		10°	59-1/2"	99-1/2"	-
FOUR LITE BAY		30°	69"	119-1/2"	-
		45°	65-1/4"	112-1/2"	-
FOUR LITE BOW		10°	68-1/4"	130-3/4"	-
FIVE LITE BAY		30°	84-3/4"	143"	-
		45°	81"	143"	-
FIVE LITE BOW		10°	83-1/2"	143"	-

CUSTOM BAY/BOW, VINYL SHAPES LIMITATIONS

30° & 45° CUSTOM BAY WINDOWS SIZING INFORMATION











Using standard width flankers and a custom-sized center unit, they are available using either casement or Classic double hung windows.

	Angle	Flanker Width	Flanker Allowance	Projection
	30°	1'5"	36-3/4"	9-3/8"
		1'9"	43-5/8"	11-3/8"
		2'0"	48-7/8"	12-7/8"
		2'4"	55-3/4"	14-7/8"
	45°	1'5"	32-1/2"	13-5/8"
		1'9"	38-1/4"	16-7/16"
		2'0"	42-3/8"	18-9/16"
		2'4"	48-1/8"	21-3/8"

MEASURING

In most cases it will be necessary to remove the interior casing to obtain an accurate measurement. Opening size for custom-sized bay and bow windows should be a rough stud to rough stud dimension. Finished unit will allow approximately 1" on the width and approximately 1/2" on the height for clearance.

VINYL SHAPES

SHAPE		MIN	MAX
HALF ROUND		23-1/2" (w) x 11-3/4" (h)	76" (w) x 38" (h)
QUARTER ROUND		14" (w) x 14" (h)	75-3/8" (w) x 75-3/8" (h)
SEGMENTAL		39-3/8" (w) x 14" (h)	120" (w) x 120" (h)
ELLIPTICAL		39-1/8" (w) x 14-5/8" (h)	120" (w) x 36" (h)
EXT. HALF ROUND		23-1/2" (w) x 12" (h)	76" (w) x 112-1/4" (h)
EXT. QUARTER ROUND		14-1/4" (w) x 12" (h)	76" (w) x 120" (h)
EXT. SEGMENTAL		23-1/2" (w) x 12" (h)	112"(w) x 120-1/2" (h)
GEOMETRIC SHAPES		CALL FOR DETAILS	
ROUND		23-1/2" (w) x 23-1/2" (h)	75-3/8" (w) x 75-3/8" (h)
OVAL		25" (w) x 40" (h) 30" (w) x 48" (h) 38" (w) x 60" (h)	

VINYL PATIO DOORS

SHAPE	MIN	MAX
2-Panel	48" (w) x 60" (h)	96" (w) x 96" (h)
3-Panel	90" (w) x 60" (h)	144" (w) x 92" (h) 106 5/8" (w) x 95.5" (h)
4-Panel	115" (w) x 60" (h)	192" (w) x 92" (h) 139 3/4" (w) x 95.5" (h)

NOTES

STANDARD NEW CONSTRUCTION (w)

Double Hung			2-Wide Double Hung w/Common Jamb			3-Wide Equal Double Hung w/Common Jamb		
Default Grid Pattern	Rough Opening	Code	Default Grid Pattern	Rough Opening	Code	Default Grid Pattern	Rough Opening	Code
	1' 10" (w)			3' 5-3/4" (w)			5' 2-3/4" (w)	
	3' 1-1/2" (h)	W18210		3' 1-1/2" (h)	W18210-2		3' 1-1/2" (h)	W18210-3
	3' 5-1/2" (h)	W1832		3' 5-1/2" (h)	W1832-2		3' 5-1/2" (h)	W1832-3
	4' 1-1/2" (h)	W18310		4' 1-1/2" (h)	W18310-2		4' 1-1/2" (h)	W18310-3
	4' 5-1/2" (h)	W1842		4' 5-1/2" (h)	W1842-2		4' 5-1/2" (h)	W1842-3
	4' 9-1/2" (h)	W1846		4' 9-1/2" (h)	W1846-2		4' 9-1/2" (h)	W1846-3
	5' 1-1/2" (h)	W18410		5' 1-1/2" (h)	W18410-2		5' 1-1/2" (h)	W18410-3
	5' 5-1/2" (h)	W1852		5' 5-1/2" (h)	W1852-2		5' 5-1/2" (h)	W1852-3
5' 9-1/2" (h)	W1856	5' 9-1/2" (h)	W1856-2	5' 9-1/2" (h)	W1856-3			
	2' 2" (w)			4' 2-1/4" (w)			6' 2-3/4" (w)	
	3' 1-1/2" (h)	W20210		3' 1-1/2" (h)	W20210-2		3' 1-1/2" (h)	W20210-3
	3' 5-1/2" (h)	W2032		3' 5-1/2" (h)	W2032-2		3' 5-1/2" (h)	W2032-3
	4' 1-1/2" (h)	W20310		4' 1-1/2" (h)	W20310-2		4' 1-1/2" (h)	W20310-3
	4' 5-1/2" (h)	W2042		4' 5-1/2" (h)	W2042-2		4' 5-1/2" (h)	W2042-3
	4' 9-1/2" (h)	W2046		4' 9-1/2" (h)	W2046-2		4' 9-1/2" (h)	W2046-3
	5' 1-1/2" (h)	W20410		5' 1-1/2" (h)	W20410-2		5' 1-1/2" (h)	W20410-3
	5' 5-1/2" (h)	W2052		5' 5-1/2" (h)	W2052-2		5' 5-1/2" (h)	W2052-3
5' 9-1/2" (h)	W2056	5' 9-1/2" (h)	W2056-2	5' 9-1/2" (h)	W2056-3			
	2' 6" (w)			4' 10-1/4" (w)			7' 2-3/4" (w)	
	3' 1-1/2" (h)	W24210		3' 1-1/2" (h)	W24210-2		3' 1-1/2" (h)	W24210-3
	3' 5-1/2" (h)	W2432		3' 5-1/2" (h)	W2432-2		3' 5-1/2" (h)	W2432-3
	4' 1-1/2" (h)	W24310		4' 1-1/2" (h)	W24310-2		4' 1-1/2" (h)	W24310-3
	4' 5-1/2" (h)	W2442		4' 5-1/2" (h)	W2442-2		4' 5-1/2" (h)	W2442-3
	4' 9-1/2" (h)	W2446		4' 9-1/2" (h)	W2446-2		4' 9-1/2" (h)	W2446-3
	5' 1-1/2" (h)	W24410		5' 1-1/2" (h)	W24410-2		5' 1-1/2" (h)	W24410-3
	5' 5-1/2" (h)	W2452		5' 5-1/2" (h)	W2452-2		5' 5-1/2" (h)	W2452-3
5' 9-1/2" (h)	W2456	5' 9-1/2" (h)	W2456-2	5' 9-1/2" (h)	W2456-3			
	2' 10" (w)			5' 6-1/4" (w)			8' 2-3/4" (w)	
	3' 1-1/2" (h)	W28210		3' 1-1/2" (h)	W28210-2		3' 1-1/2" (h)	W28210-3
	3' 5-1/2" (h)	W2832		3' 5-1/2" (h)	W2832-2		3' 5-1/2" (h)	W2832-3
	4' 1-1/2" (h)	W28310		4' 1-1/2" (h)	W28310-2		4' 1-1/2" (h)	W28310-3
	4' 5-1/2" (h)	W2842		4' 5-1/2" (h)	W2842-2		4' 5-1/2" (h)	W2842-3
	4' 9-1/2" (h)	W2846		4' 9-1/2" (h)	W2846-2		4' 9-1/2" (h)	W2846-3
	5' 1-1/2" (h)	W28410		5' 1-1/2" (h)	W28410-2		5' 1-1/2" (h)	W28410-3
	5' 5-1/2" (h)	W2852		5' 5-1/2" (h)	W2852-2		5' 5-1/2" (h)	W2852-3
5' 9-1/2" (h)	W2856	5' 9-1/2" (h)	W2856-2	5' 9-1/2" (h)	W2856-3			
	2' 11-1/2" (w)			5' 9-1/4" (w)			8' 7-1/4" (w)	
	3' 1-1/2" (h)	W29210		3' 1-1/2" (h)	W29210-2		3' 1-1/2" (h)	W29210-3
	3' 5-1/2" (h)	W2932		3' 5-1/2" (h)	W2932-2		3' 5-1/2" (h)	W2932-3
	4' 1-1/2" (h)	W29310		4' 1-1/2" (h)	W29310-2		4' 1-1/2" (h)	W29310-3
	4' 5-1/2" (h)	W2942		4' 5-1/2" (h)	W2942-2		4' 5-1/2" (h)	W2942-3
	4' 9-1/2" (h)	W2946		4' 9-1/2" (h)	W2946-2		4' 9-1/2" (h)	W2946-3
	5' 1-1/2" (h)	W29410		5' 1-1/2" (h)	W29410-2		5' 1-1/2" (h)	W29410-3
	5' 5-1/2" (h)	W2952		5' 5-1/2" (h)	W2952-2		5' 5-1/2" (h)	W2952-3
5' 9-1/2" (h)	W2956	5' 9-1/2" (h)	W2956-2	5' 9-1/2" (h)	W2956-3			
	3' 2" (w)			6' 2-1/4" (w)			9' 2-3/4" (w)	
	3' 1-1/2" (h)	W30210		3' 1-1/2" (h)	W30210-2		3' 1-1/2" (h)	W30210-3
	3' 5-1/2" (h)	W3032		3' 5-1/2" (h)	W3032-2		3' 5-1/2" (h)	W3032-3
	4' 1-1/2" (h)	W30310		4' 1-1/2" (h)	W30310-2		4' 1-1/2" (h)	W30310-3
	4' 5-1/2" (h)	W3042		4' 5-1/2" (h)	W3042-2		4' 5-1/2" (h)	W3042-3
	4' 9-1/2" (h)	W3046		4' 9-1/2" (h)	W3046-2		4' 9-1/2" (h)	W3046-3
	5' 1-1/2" (h)	W30410		5' 1-1/2" (h)	W30410-2		5' 1-1/2" (h)	W30410-3
	5' 5-1/2" (h)	W3052		5' 5-1/2" (h)	W3052-2		5' 5-1/2" (h)	W3052-3
5' 9-1/2" (h)	W3056	5' 9-1/2" (h)	W3056-2	5' 9-1/2" (h)	W3056-3			

RO to UNIT DIMENSIONS	
Minus 1/2" from width	Minus 1/2" from height

RO to UNIT DIMENSIONS	
Minus 3/4" from width	Minus 1/2" from height

This guide contains two call size types for double-hung windows, since different markets use different call sizes. (W) indicates the size matches wood manufactured sizes and (V) indicates the size matches vinyl manufactured sizes. You can mix sizes in an order.

3-Wide w/ Picture Window & Common Jamb		
Default Grid Pattern	Rough Opening	Code
	7' 6-3/4" (w)	
	4' 1" (h)	W18-40310-18
	4' 5" (h)	W18-4042-18
	4' 9" (h)	W18-4046-18
	5' 5" (h)	W18-4052-18
	5' 9" (h)	W18-4056-18
	8' 2-3/4" (w)	
	4' 1" (h)	W20-40310-20
	4' 5" (h)	W20-4042-20
	4' 9" (h)	W20-4046-20
	5' 5" (h)	W20-4052-20
	5' 9" (h)	W20-4056-20
	8' 6-3/4" (w)	
	4' 1" (h)	W18-50310-18
	4' 5" (h)	W18-5042-18
	4' 9" (h)	W18-5046-18
	5' 5" (h)	W18-5052-18
	5' 9" (h)	W18-5056-18
	9' 2-3/4" (w)	
	4' 1" (h)	W20-50310-20
	4' 5" (h)	W20-5042-20
	4' 9" (h)	W20-5046-20
	5' 5" (h)	W20-5052-20
	5' 9" (h)	W20-5056-20
RO to UNIT DIMENSIONS		
Minus 3/4" from width	Minus 1/2" from height	

Casement		
Default Grid Pattern	Rough Opening	Code
	1' 9-1/2" (w)	
	3' 0" (h)	193
	3' 6" (h)	1936
	4' 0" (h)	194
	4' 6" (h)	1946
	5' 0" (h)	195
	6' 0" (h)	196
	2' 0-1/2" (w)	
	3' 0" (h)	203
	3' 6" (h)	2036
	4' 0" (h)	204
	4' 6" (h)	2046
	5' 0" (h)	205
	6' 0" (h)	206
	2' 5" (w)	
	3' 0" (h)	243
	3' 6" (h)	2436
	4' 0" (h)	244
	4' 6" (h)	2446
	5' 0" (h)	245
	6' 0" (h)	246
	2' 8" (w)	
	3' 0" (h)	283
	3' 6" (h)	2836
	4' 0" (h)	284
	4' 6" (h)	2846
	5' 0" (h)	285
	6' 0" (h)	286
	2' 9-3/4" (w)	
	3' 0" (h)	303-2
	3' 6" (h)	3036-2
	4' 0" (h)	304-2
	4' 6" (h)	3046-2
	5' 0" (h)	305-2
	6' 0" (h)	306-2
	3' 5-3/4" (w)	
	3' 0" (h)	363-2
	3' 6" (h)	3636-2
	4' 0" (h)	364-2
	4' 6" (h)	3646-2
	5' 0" (h)	365-2
	6' 0" (h)	366-2
	3' 11-3/4" (w)	
	3' 0" (h)	403-2
	3' 6" (h)	4036-2
	4' 0" (h)	404-2
	4' 6" (h)	4046-2
	5' 0" (h)	405-2
	6' 0" (h)	406-2
	4' 8-3/4" (w)	
	3' 0" (h)	483-2
	3' 6" (h)	4836-2
	4' 0" (h)	484-2
	4' 6" (h)	4846-2
	5' 0" (h)	485-2
	6' 0" (h)	486-2
	5' 11-1/4" (w)	
	3' 0" (h)	603-3
	3' 6" (h)	6036-3
	4' 0" (h)	604-3
	4' 6" (h)	6046-3
	5' 0" (h)	605-3
	6' 0" (h)	606-3

Sizes shaded in grey have a 5.70 sq. ft. clear opening or better. Check with your local building department for egress requirements.

STANDARD NEW CONSTRUCTION (V)

Double Hung			2-Wide Double Hung w/Common Jamb			3-Wide Double Hung w/Common Jamb		
Default Grid Pattern	Rough Opening	Code	Default Grid Pattern	Rough Opening	Code	Default Grid Pattern	Rough Opening	Code
	2' 0" (w)			3' 10-1/4" (w)			5' 8-1/2" (w)	
	3' 0" (h)	2030V		3' 0" (h)	2030-2V		3' 0" (h)	2030-3V
	3' 6" (h)	2036V		3' 6" (h)	2036-2V		3' 6" (h)	2036-3V
	4' 0" (h)	2040V		4' 0" (h)	2040-2V		4' 0" (h)	2040-3V
	4' 6" (h)	2046V		4' 6" (h)	2046-2V		4' 6" (h)	2046-3V
	5' 0" (h)	2050V		5' 0" (h)	2050-2V		5' 0" (h)	2050-3V
	5' 2" (h)	2052V		5' 2" (h)	2052-2V		5' 2" (h)	2052-3V
	5' 6" (h)	2056V		5' 6" (h)	2056-2V		5' 6" (h)	2056-3V
	6' 0" (h)	2060V		6' 0" (h)	2060-2V		6' 0" (h)	2060-3V
	2' 4" (w)			4' 6-1/4" (w)			6' 8-1/2" (w)	
	3' 0" (h)	2430V		3' 0" (h)	2430-2V		3' 0" (h)	2430-3V
	3' 6" (h)	2436V		3' 6" (h)	2436-2V		3' 6" (h)	2436-3V
	4' 0" (h)	2440V		4' 0" (h)	2440-2V		4' 0" (h)	2440-3V
	4' 6" (h)	2446V		4' 6" (h)	2446-2V		4' 6" (h)	2446-3V
	5' 0" (h)	2450V		5' 0" (h)	2450-2V		5' 0" (h)	2450-3V
	5' 2" (h)	2452V		5' 2" (h)	2452-2V		5' 2" (h)	2452-3V
	5' 6" (h)	2456V		5' 6" (h)	2456-2V		5' 6" (h)	2456-3V
	6' 0" (h)	2460V		6' 0" (h)	2460-2V		6' 0" (h)	2460-3V
	2' 6" (w)			4' 10-1/4" (w)			7' 2-1/2" (w)	
	3' 0" (h)	2630V		3' 0" (h)	2630-2V		3' 0" (h)	2630-3V
	3' 6" (h)	2636V		3' 6" (h)	2636-2V		3' 6" (h)	2636-3V
	4' 0" (h)	2640V		4' 0" (h)	2640-2V		4' 0" (h)	2640-3V
	4' 6" (h)	2646V		4' 6" (h)	2646-2V		4' 6" (h)	2646-3V
	5' 0" (h)	2650V		5' 0" (h)	2650-2V		5' 0" (h)	2650-3V
	5' 2" (h)	2652V		5' 2" (h)	2652-2V		5' 2" (h)	2652-3V
	5' 4" (h)	2654V		5' 4" (h)	2654-2V		5' 4" (h)	2654-3V
	5' 6" (h)	2656V		5' 6" (h)	2656-2V		5' 6" (h)	2656-3V
	6' 0" (h)	2660V		6' 0" (h)	2660-2V		6' 0" (h)	2660-3V
	2' 8" (w)			5' 2-1/4" (w)			7' 8-1/2" (w)	
	3' 0" (h)	2830V		3' 0" (h)	2830-2V		3' 0" (h)	2830-3V
	3' 2" (h)	2832V		3' 2" (h)	2832-2V		3' 2" (h)	2832-3V
	3' 6" (h)	2836V		3' 6" (h)	2836-2V		3' 6" (h)	2836-3V
	4' 0" (h)	2840V		4' 0" (h)	2840-2V		4' 0" (h)	2840-3V
	4' 6" (h)	2846V		4' 6" (h)	2846-2V		4' 6" (h)	2846-3V
	5' 0" (h)	2850V		5' 0" (h)	2850-2V		5' 0" (h)	2850-3V
	5' 2" (h)	2852V		5' 2" (h)	2852-2V		5' 2" (h)	2852-3V
	5' 4" (h)	2854V		5' 4" (h)	2854-2V		5' 4" (h)	2854-3V
	5' 6" (h)	2856V		5' 6" (h)	2856-2V		5' 6" (h)	2856-3V
	6' 0" (h)	2860V		6' 0" (h)	2860-2V		6' 0" (h)	2860-3V
	3' 0" (w)			5' 10-1/4" (w)			8' 8-1/2" (w)	
	3' 0" (h)	3030V		3' 0" (h)	3030-2V		3' 0" (h)	3030-3V
	3' 2" (h)	3032V		3' 2" (h)	3032-2V		3' 2" (h)	3032-3V
	3' 6" (h)	3036V		3' 6" (h)	3036-2V		3' 6" (h)	3036-3V
	4' 0" (h)	3040V		4' 0" (h)	3040-2V		4' 0" (h)	3040-3V
	4' 6" (h)	3046V		4' 6" (h)	3046-2V		4' 6" (h)	3046-3V
	5' 0" (h)	3050V		5' 0" (h)	3050-2V		5' 0" (h)	3050-3V
	5' 2" (h)	3052V		5' 2" (h)	3052-2V		5' 2" (h)	3052-3V
	5' 4" (h)	3054V		5' 4" (h)	3054-2V		5' 4" (h)	3054-3V
	5' 6" (h)	3056V		5' 6" (h)	3056-2V		5' 6" (h)	3056-3V
	6' 0" (h)	3060V		6' 0" (h)	3060-2V		6' 0" (h)	3060-3V
	3' 2" (w)			6' 2-1/4" (w)			9' 2-1/2" (w)	
	3' 0" (h)	3230V		3' 0" (h)	3230-2V		3' 0" (h)	3230-3V
	3' 6" (h)	3236V		3' 6" (h)	3236-2V		3' 6" (h)	3236-3V
	4' 0" (h)	3240V		4' 0" (h)	3240-2V		4' 0" (h)	3240-3V
	4' 6" (h)	3246V		4' 6" (h)	3246-2V		4' 6" (h)	3246-3V
	5' 0" (h)	3250V		5' 0" (h)	3250-2V		5' 0" (h)	3250-3V
	5' 2" (h)	3252V		5' 2" (h)	3252-2V		5' 2" (h)	3252-3V
	5' 6" (h)	3256V		5' 6" (h)	3256-2V		5' 6" (h)	3256-3V
	6' 0" (h)	3260V		6' 0" (h)	3260-2V		6' 0" (h)	3260-3V

RO to UNIT DIMENSIONS

Minus 1/2" from width Minus 1/2" from height

This guide contains two call size types for double-hung windows, since different markets use different call sizes. (W) indicates the size matches wood manufactured sizes and (V) indicates the size matches vinyl manufactured sizes. You can mix sizes in an order. Sizes shaded in grey have a 5.70 sq. ft. clear opening or better. Check with your local building department for egress requirements.

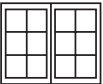


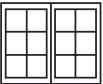
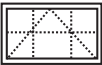

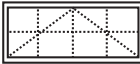




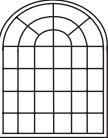

3-Wide w/ Picture Window & Common Jamb			Casement		
Default Grid Pattern	Rough Opening	Code	Default Grid Pattern	Rough Opening	Code
	7' 8-1/2" (w)			1' 9-1/2" (w)	
	3' 0" (h)	20-4030-20V		3' 0" (h)	193
	4' 0" (h)	20-4040-20V		3' 6" (h)	1936
	5' 0" (h)	20-4050-20V		4' 0" (h)	194
	5' 2" (h)	20-4052-20V		4' 6" (h)	1946
	8' 4-1/2" (w)			5' 0" (h)	195
	3' 0" (h)	24-4030-24V		6' 0" (h)	196
	4' 0" (h)	24-4040-24V		2' 0-1/2" (w)	
	5' 0" (h)	24-4050-24V		3' 0" (h)	203
	5' 2" (h)	24-4052-24V		3' 6" (h)	2036
	8' 8-1/2" (w)			4' 0" (h)	204
	3' 0" (h)	20-5030-20V		4' 6" (h)	2046
	4' 0" (h)	20-5040-20V		5' 0" (h)	205
	5' 0" (h)	20-5050-20V		6' 0" (h)	206
	5' 2" (h)	20-5052-20V		2' 5" (w)	
	9' 4-1/2" (w)			3' 0" (h)	243
	3' 0" (h)	24-5030-24V		3' 6" (h)	2436
	4' 0" (h)	24-5040-24V		4' 0" (h)	244
	5' 0" (h)	24-5050-24V		4' 6" (h)	2446
	5' 2" (h)	24-5052-24V		5' 0" (h)	245
				6' 0" (h)	246
				2' 8" (w)	
				3' 0" (h)	283
				3' 6" (h)	2836
				4' 0" (h)	284
				4' 6" (h)	2846
				5' 0" (h)	285
				6' 0" (h)	286
				2' 9-3/4" (w)	
				3' 0" (h)	303-2
				3' 6" (h)	3036-2
				4' 0" (h)	304-2
				4' 6" (h)	3046-2
				5' 0" (h)	305-2
				6' 0" (h)	306-2
				3' 5-3/4" (w)	
				3' 0" (h)	363-2
				3' 6" (h)	3636-2
				4' 0" (h)	364-2
				4' 6" (h)	3646-2
				5' 0" (h)	365-2
				6' 0" (h)	366-2
				3' 11-3/4" (w)	
				3' 0" (h)	403-2
				3' 6" (h)	4036-2
				4' 0" (h)	404-2
				4' 6" (h)	4046-2
				5' 0" (h)	405-2
				6' 0" (h)	406-2
				4' 8-3/4" (w)	
				3' 0" (h)	483-2
				3' 6" (h)	4836-2
				4' 0" (h)	484-2
				4' 6" (h)	4846-2
				5' 0" (h)	485-2
				6' 0" (h)	486-2
				5' 11-1/4" (w)	
				3' 0" (h)	603-3
				3' 6" (h)	6036-3
				4' 0" (h)	604-3
				4' 6" (h)	6046-3
				5' 0" (h)	605-3
				6' 0" (h)	606-3

RO to UNIT DIMENSIONS

Minus 1/2" from width Minus 1/2" from height

Sizes shaded in grey have a 5.70 sq. ft. clear opening or better. Check with your local building department for egress requirements.

VINYL STANDARD NEW CONSTRUCTION CALL SIZES

Rolling Vinyl Window			Vinyl Awning			Vinyl Shapes		
	Rough Opening	Code		Rough Opening	Code		Rough Opening	Code
	3' 6" (w) 3' 6" (h)	RW3636		2' 0-1/2" (w) 2' 0-1/2" (h)	AWN21		2' 10" (w) 1' 5-1/4" (h)	HRD28J
	4' 0" (w) 3' 6" (h)	RW4036		3' 0-1/2" (w) 2' 0-1/2" (h)	AWN31		2' 11-1/2" (w) 1' 5-3/4" (h)	HRD29J
				4' 0-1/2" (w) 2' 0-1/2" (h)	AWN41		3' 2" (w) 1' 7-1/4" (h)	HRD30J
							5' 5-3/4" (w) 2' 8-7/8" (h)	HRD28-2J
							5' 9-1/4" (w) 2' 10-7/8" (h)	HRD29-2
							3' 11-3/4" (w) 2' 0-1/8" (h)	HRC40
							5' 4-3/8" (w) 6' 3-1/2" (h)	EHR6475J
							6' 0-1/2" (w) 1' 5-3/4" (h)	ET6J

CLEAR OPENING SPECS MEASURING WINDOWS

MEASURING FOR REPLACEMENT WINDOWS

Verify the rough opening (RO) is sufficient size to fit the window. RO should measure 1/4" wider on width and 1/2" on the height (1/4" on both for Majesty) than the window it will receive.

Measuring Width:

Measure between the jambs at three locations: bottom, center, and top (Diagram A). Use the smallest dimension if the three vary.

Measuring Height:

Measure from highest point of the sloped sill to the highest point of header pocket (Diagram B).

Measuring Frame Depth:

Harvey vinyl and majesty windows are designed to fit a frame depth of 3-1/4". Compensation for other than 3-1/4" will have to be made on the job.

Adjustability for Vinyl Windows: The "U" channel vinyl head expander allows windows to be expanded up to 5/8" in height.

NOTE: The above measurements are rough opening sizes. You must deduct 1/4" off the width and 1/2" off the height, and round down to the nearest 1/4", to get your buck size (buck size is the size the window will be).

Width and height buck dimensions can only be ordered in 1/4", 1/2", 3/4", and full 1" sizes.

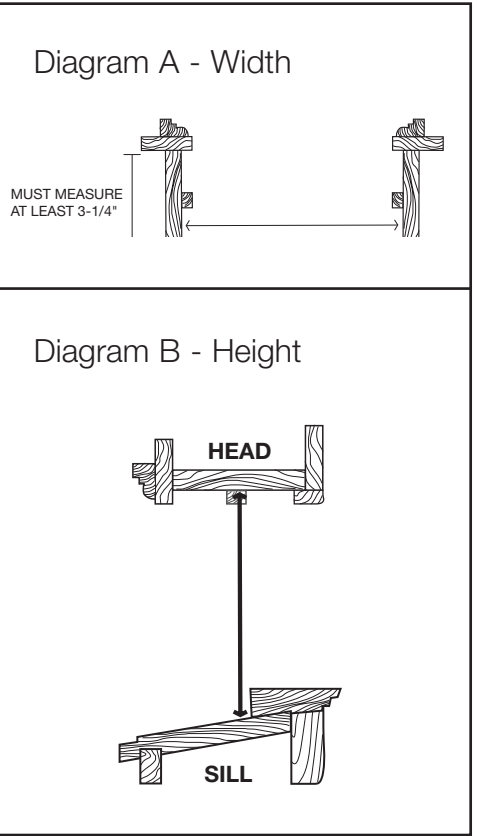
MEASURING FOR NEW CONSTRUCTION WINDOWS

Verify the rough opening (RO) to be plumb, level, square. RO should measure 1/2" larger than width and height of the window it will receive.

- Jamb depth of vinyl new construction windows is 2-1/4".

CLEAR OPENING MEASURING INSTRUCTIONS

In most states you must meet a clear opening requirement and a square foot requirement of 5.7 square feet total minimum clear opening. Consult your local building department for code requirements in your area.



Unit		Clear Opening Unit TTT	
		Width	Height
Tribute Double Hung	welded frame & sash	W - 5"	H/2 - 4-3/8"
Classic Double Hung	welded frame & sash	W - 5"	H/2 - 5-1/8"
Slimline DH/SH	welded frame & sash	W - 5-1/4"	H/2 - 4-7/16"
Vinyl Casement Window	Standard Hinge	W - 11-1/2"	H - 5-3/4"
Vinyl Casement Window	Egress Hinge	W - 7-1/4"	H - 5-3/4"
Vinyl Rolling Window	2-lite	W/2 - 5-3/16"	H - 4-5/8"
Vinyl Rolling Window	3-lite (qtr-half-qtr)	W/4 - 2-7/16"	H - 4-5/8"
Vinyl Rolling Window	3-lite (equal lite)	W/3 - 5"	H - 4-5/8"
Clear opening w/sill riser in place		Width	Height
Tribute Double Hung	welded frame & sash	W - 5"	H/2 - 4-15/16"
Classic Double Hung	welded frame & sash	W - 5"	H/2 - 5-11/16"
Slimline DH/SH	welded frame & sash	W - 5-1/4"	H/2 - 5"
Majesty Double Hung		W - 3-7/8"	H/2 - 6-1/4"
Majesty Casement		W - 8-1/2"	H - 4-3/4"

Typical egress requirements include 20" width and 24" height clear opening minimum dimensions and 5.7 square feet of total minimum clear opening.

Example (using Classic double hung with welded frame & sash):

If Unit Buck Size = 36" x 64"

Clear opening Width:
36" - 5" = 31" (31")
greater than 20"

Clear opening Height:
64"/2 = 32" - 5-1/4" = 26-3/4"
greater than 24"

Square footage of opening:
31" x 26-3/4" = 829"/144" = 5.75 sq.ft.
greater than 5.70 sq ft.

CLEAR OPENING SPECS STANDARD NC WINDOWS (W)

Slimline DH/SH			Classic DH/SH		Tribute DH	
Code	Clear Opening		Clear Opening		Clear Opening	
	SQ. FT	(W X H) INCHES	SQ. FT	(W X H) INCHES	SQ. FT	(W X H) INCHES
W18210	1.60	16-1/4 x 14-1/16	1.50	16-1/2 x 13-1/4	1.60	16-1/2 x 14-1/8
W1832	1.80	16-1/4 x 16-1/16	1.70	16-1/2 x 15-1/4	1.80	16-1/2 x 16-1/8
W18310	2.30	16-1/4 x 20-1/16	2.20	16-1/2 x 19-1/4	2.30	16-1/2 x 20-1/8
W1842	2.50	16-1/4 x 22-1/16	2.40	16-1/2 x 21-1/4	2.50	16-1/2 x 22-1/8
W1846	2.70	16-1/4 x 24-1/16	2.70	16-1/2 x 23-1/4	2.80	16-1/2 x 24-1/8
W18410	2.90	16-1/4 x 26-1/16	2.90	16-1/2 x 25-1/4	3.00	16-1/2 x 26-1/8
W1852	3.20	16-1/4 x 28-1/16	3.10	16-1/2 x 27-1/4	3.20	16-1/2 x 28-1/8
W1856	3.40	16-1/4 x 30-1/16	3.40	16-1/2 x 29-1/4	3.50	16-1/2 x 30-1/8
W1862	3.80	16-1/4 x 34-1/16	3.80	16-1/2 x 33-1/4	3.90	16-1/2 x 34-1/8
W20210	2.00	20-1/4 x 14-1/16	1.90	20-1/2 x 13-1/4	2.00	20-1/2 x 14-1/8
W2032	2.30	20-1/4 x 16-1/16	2.20	20-1/2 x 15-1/4	2.30	20-1/2 x 16-1/8
W20310	2.80	20-1/4 x 20-1/16	2.70	20-1/2 x 19-1/4	2.90	20-1/2 x 20-1/8
W2042	3.10	20-1/4 x 22-1/16	3.00	20-1/2 x 21-1/4	3.10	20-1/2 x 22-1/8
W2046	3.40	20-1/4 x 24-1/16	3.30	20-1/2 x 23-1/4	3.40	20-1/2 x 24-1/8
W20410	3.70	20-1/4 x 26-1/16	3.60	20-1/2 x 25-1/4	3.70	20-1/2 x 26-1/8
W2052	3.90	20-1/4 x 28-1/16	3.90	20-1/2 x 27-1/4	4.00	20-1/2 x 28-1/8
W2056	4.20	20-1/4 x 30-1/16	4.20	20-1/2 x 29-1/4	4.30	20-1/2 x 30-1/8
W2062	4.80	20-1/4 x 34-1/16	4.70	20-1/2 x 33-1/4	4.90	20-1/2 x 34-1/8
W24210	2.40	24-1/4 x 14-1/16	2.30	24-1/2 x 13-1/4	2.40	24-1/2 x 14-1/8
W2432	2.70	24-1/4 x 16-1/16	2.60	24-1/2 x 15-1/4	2.70	24-1/2 x 16-1/8
W24310	3.40	24-1/4 x 20-1/16	3.30	24-1/2 x 19-1/4	3.40	24-1/2 x 20-1/8
W2442	3.70	24-1/4 x 22-1/16	3.60	24-1/2 x 21-1/4	3.80	24-1/2 x 22-1/8
W2446	4.10	24-1/4 x 24-1/16	4.00	24-1/2 x 23-1/4	4.10	24-1/2 x 24-1/8
W24410	4.40	24-1/4 x 26-1/16	4.30	24-1/2 x 25-1/4	4.40	24-1/2 x 26-1/8
W2452	4.70	24-1/4 x 28-1/16	4.60	24-1/2 x 27-1/4	4.80	24-1/2 x 28-1/8
W2456	5.10	24-1/4 x 30-1/16	5.00	24-1/2 x 29-1/4	5.10	24-1/2 x 30-1/8
W2462	5.70	24-1/4 x 34-1/16	5.70	24-1/2 x 33-1/4	5.80	24-1/2 x 34-1/8
W28210	2.80	28-1/4 x 14-1/16	2.60	28-1/2 x 13-1/4	2.80	28-1/2 x 14-1/8
W2832	3.20	28-1/4 x 16-1/16	3.00	28-1/2 x 15-1/4	3.20	28-1/2 x 16-1/8
W28310	3.90	28-1/4 x 20-1/16	3.80	28-1/2 x 19-1/4	4.00	28-1/2 x 20-1/8
W2842	4.30	28-1/4 x 22-1/16	4.20	28-1/2 x 21-1/4	4.40	28-1/2 x 22-1/8
W2846	4.70	28-1/4 x 24-1/16	4.60	28-1/2 x 23-1/4	4.80	28-1/2 x 24-1/8
W28410	5.10	28-1/4 x 26-1/16	5.00	28-1/2 x 25-1/4	5.20	28-1/2 x 26-1/8
W2852	5.50	28-1/4 x 28-1/16	5.40	28-1/2 x 27-1/4	5.60	28-1/2 x 28-1/8
W2856	5.90	28-1/4 x 30-1/16	5.80	28-1/2 x 29-1/4	6.00	28-1/2 x 30-1/8
W29210	2.90	29-3/4 x 14-1/16	2.80	30 x 13-1/4	2.90	30 x 14-1/8
W2932	3.30	29-3/4 x 16-1/16	3.20	30 x 15-1/4	3.40	30 x 16-1/8
W29310	4.10	29-3/4 x 20-1/16	4.00	30 x 19-1/4	4.20	30 x 20-1/8
W2942	4.60	29-3/4 x 22-1/16	4.40	30 x 21-1/4	4.60	30 x 22-1/8
W2946	5.00	29-3/4 x 24-1/16	4.80	30 x 23-1/4	5.00	30 x 24-1/8
W29410	5.40	29-3/4 x 26-1/16	5.30	30 x 25-1/4	5.40	30 x 26-1/8
W2956	6.20	29-3/4 x 30-1/16	6.10	30 x 29-1/4	6.30	30 x 30-1/8
W2962	7.00	29-3/4 x 34-1/16	6.90	30 x 33-1/4	7.10	30 x 34-1/8
W30210	3.10	32-1/4 x 14-1/16	3.00	32-1/2 x 13-1/4	3.20	32-1/2 x 14-1/8
W3032	3.60	32-1/4 x 16-1/16	3.40	32-1/2 x 15-1/4	3.60	32-1/2 x 16-1/8
W30310	4.50	32-1/4 x 20-1/16	4.30	32-1/2 x 19-1/4	4.50	32-1/2 x 20-1/8
W3042	4.90	32-1/4 x 22-1/16	4.80	32-1/2 x 21-1/4	5.00	32-1/2 x 22-1/8
W3046	5.40	32-1/4 x 24-1/16	5.20	32-1/2 x 23-1/4	5.40	32-1/2 x 24-1/8
W30410	5.80	32-1/4 x 26-1/16	5.70	32-1/2 x 25-1/4	5.90	32-1/2 x 26-1/8
W3052	6.30	32-1/4 x 28-1/16	6.20	32-1/2 x 27-1/4	6.30	32-1/2 x 28-1/8
W3056	6.70	32-1/4 x 30-1/16	6.60	32-1/2 x 29-1/4	6.80	32-1/2 x 30-1/8

NOTES: These specs do not apply to oriel windows. Use of sill rise adaptor will result in a 9/16" reduction in clear opening height. This guide contains two call size types for double-hung windows, since different markets use different call sizes. (W) indicates the size matches wood manufactured sizes and (V) indicates the size matches vinyl manufactured sizes. You can mix sizes in an order.

CLEAR OPENING SPECS STANDARD NC WINDOWS (V)

Slimline DH/SH			Classic DH/SH		Tribute DH	
Code	Clear Opening		Clear Opening		Clear Opening	
	SQ. FT	(W X H) INCHES	SQ. FT	(W X H) INCHES	SQ. FT	(W X H) INCHES
2030V	1.69	18-1/4 x 13-5/16	1.62	18-1/2 x 12-5/8	1.72	18-1/2 x 13-3/8
2036V	2.07	18-1/4 x 16-5/16	2.01	18-1/2 x 15-5/8	2.10	18-1/2 x 16-3/8
2040V	2.45	18-1/4 x 19-5/16	2.39	18-1/2 x 18-5/8	2.49	18-1/2 x 19-3/8
2046V	2.83	18-1/4 x 22-5/16	2.78	18-1/2 x 21-5/8	2.83	18-1/2 x 22-3/8
2050V	3.21	18-1/4 x 25-5/16	3.16	18-1/2 x 24-5/8	3.26	18-1/2 x 25-3/8
2052V	3.33	18-1/4 x 26-5/16	3.29	18-1/2 x 25-5/8	3.39	18-1/2 x 26-3/8
2056V	3.59	18-1/4 x 28-5/16	3.55	18-1/2 x 27-5/8	3.65	18-1/2 x 28-3/8
2060V	3.97	18-1/4 x 31-5/16	3.93	18-1/2 x 30-5/8	4.03	18-1/2 x 31-3/8
2430V	2.06	22-1/4 x 13-5/16	1.97	22-1/2 x 12-5/8	2.09	22-1/2 x 13-3/8
2436V	2.52	22-1/4 x 16-5/16	2.44	22-1/2 x 15-5/8	2.56	22-1/2 x 16-3/8
2440V	2.98	22-1/4 x 19-5/16	2.91	22-1/2 x 18-5/8	3.03	22-1/2 x 19-3/8
2446V	3.45	22-1/4 x 22-5/16	3.38	22-1/2 x 22-5/8	3.50	22-1/2 x 22-3/8
2450V	3.91	22-1/4 x 25-5/16	3.85	22-1/2 x 24-5/8	3.96	22-1/2 x 25-3/8
2452V	4.07	22-1/4 x 26-5/16	4.0	22-1/2 x 25-5/8	4.12	22-1/2 x 26-3/8
2456V	4.37	22-1/4 x 28-5/16	4.32	22-1/2 x 27-5/8	4.43	22-1/2 x 28-3/8
2460V	4.84	22-1/4 x 31-5/16	4.79	22-1/2 x 30-5/8	4.90	22-1/2 x 31-3/8
2830V	2.43	26-1/4 x 13-5/16	2.32	26-1/2 x 12-5/8	2.46	26-1/2 x 13-3/8
2836V	2.97	26-1/4 x 16-5/16	2.88	26-1/2 x 15-5/8	3.01	26-1/2 x 16-3/8
2840V	3.52	26-1/4 x 19-5/16	3.43	26-1/2 x 18-5/8	3.57	26-1/2 x 19-3/8
2846V	4.07	26-1/4 x 22-5/16	3.98	26-1/2 x 22-5/8	4.12	26-1/2 x 22-3/8
2850V	4.61	26-1/4 x 25-5/16	4.53	26-1/2 x 24-5/8	4.67	26-1/2 x 25-3/8
2852V	4.80	26-1/4 x 26-5/16	4.72	26-1/2 x 25-5/8	4.85	26-1/2 x 26-3/8
2856V	5.16	26-1/4 x 28-5/16	5.08	26-1/2 x 27-5/8	5.22	26-1/2 x 28-3/8
2860V	5.71	26-1/4 x 31-5/16	5.64	26-1/2 x 30-5/8	5.77	26-1/2 x 31-3/8
3030V	2.80	30-1/4 x 13-5/16	2.67	30-1/2 x 12-5/8	2.83	30-1/2 x 13-3/8
3036V	3.43	30-1/4 x 16-5/16	3.31	30-1/2 x 15-5/8	3.47	30-1/2 x 16-3/8
3040V	4.06	30-1/4 x 19-5/16	3.94	30-1/2 x 18-5/8	4.10	30-1/2 x 19-3/8
3046V	4.69	30-1/4 x 22-5/16	4.58	30-1/2 x 22-5/8	4.74	30-1/2 x 22-3/8
3050V	5.32	30-1/4 x 25-5/16	5.22	30-1/2 x 24-5/8	5.37	30-1/2 x 25-3/8
3052V	5.53	30-1/4 x 26-5/16	5.43	30-1/2 x 25-5/8	5.59	30-1/2 x 26-3/8
3056V	5.95	30-1/4 x 28-5/16	5.85	30-1/2 x 27-5/8	6.01	30-1/2 x 28-3/8
3060V	6.58	30-1/4 x 31-5/16	6.49	30-1/2 x 30-5/8	6.65	30-1/2 x 31-3/8
3240V	4.33	32-1/4 x 19-5/16	4.2	32-1/2 x 18-5/8	4.37	32-1/2 x 19-3/8
3246V	5.00	32-1/4 x 22-5/16	4.88	32-1/2 x 22-5/8	5.05	32-1/222-3/8
3250V	5.67	32-1/4 x 25-5/16	5.56	32-1/2 x 24-5/8	5.73	32-1/2 x 25-3/8
3252V	5.89	32-1/4 x 26-5/16	5.78	32-1/2 x 25-5/8	5.95	32-1/2 x 26-3/8

Sizes shaded in grey have a 5.70 sq. ft. clear opening or better. Check with your local building department for egress requirements.

THERMAL PERFORMANCE DATA

VINYL

VINYL




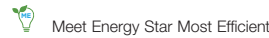
		NO GRIDS						WITH GRIDS											
Product Line		Glazing Description						Thermal Performance			ENERGY STAR® 7.0 Zone Compliance			Thermal Performance			ENERGY STAR® 7.0 Zone Compliance		
								U	SHGc	VT				U	SHGc	VT			
Tribute Double Hung	 1" ThermaLock 3X TG RS Low-E FOAM	0.19	0.24	0.44	N	NC				0.19	0.21	0.39	N	NC	SC	S			
	ThermaLock 3X TG RS Low-E FOAM	0.21	0.24	0.44	N	NC				0.22	0.21	0.39	N	NC	SC	S			
	SunGain PLUS DG RS Low-E HIGH SHGC	0.26	0.46	0.57	N26					0.26	0.42	0.50	N26						
	ThermaLock RS DG 2X Low-E	0.25	0.27	0.50		NC				0.25	0.24	0.44		NC					
	SunShield PLUS SC DG RS Low-E	0.25	0.20	0.46		NC	SC	S		0.25	0.18	0.41		NC	SC	S			
	SunShield DG SC	0.29	0.20	0.47				S		0.29	0.18	0.42				S			
Tribute Double Hung Reinforced Sashes	ThermaLock 3X TG RS Low-E FOAM	0.24	0.24	0.44		NC				0.24	0.21	0.39		NC	SC	S			
	SunShield PLUS DG SC RS Low-E	0.26	0.20	0.46			SC	S		0.26	0.18	0.41			SC	S			
	SunShield DG SC	0.30	0.20	0.47				S		0.30	0.18	0.42				S			
Classic Double Hung	 1" ThermaLock 3X TG RS Low-E FOAM	0.20	0.25	0.46	N	NC				0.20	0.22	0.41	N	NC	SC	S			
	ThermaLock 3X TG RS Low-E FOAM	0.21	0.25	0.46	N	NC				0.22	0.22	0.41	N	NC	SC	S			
	SunGain PLUS DG RS Low-E HIGH SHGC	0.25	0.48	0.59	N25					0.25	0.43	0.53	N25						
	ThermaLock RS DG 2X Low-E	0.24	0.30	0.54		NC				0.24	0.27	0.48		NC					
	SunShield PLUS DG SC RS Low-E	0.24	0.21	0.48		NC	SC	S		0.24	0.19	0.43		NC	SC	S			
	SunShield DG SC	0.28	0.21	0.49			SC	S		0.28	0.19	0.44			SC	S			
Slimline Double Hung & Single Hung	SunGain PLUS DG RS Low-E	0.25	0.49	0.60	N25					0.25	0.44	0.54	N25						
	ThermaLock RS DG 2X Low-E	0.25	0.28	0.53		NC				0.25	0.26	0.48		NC					
	SunShield PLUS DG SC RS Low-E	0.24	0.21	0.49		NC	SC	S		0.24	0.19	0.44		NC	SC	S			
	SunShield DG SC	0.28	0.21	0.51			SC	S		0.28	0.19	0.45			SC	S			
Casement (Fixed lite values may differ)	ThermaLock 3X TG Low-E	0.21	0.21	0.39	N	NC	SC	S		0.21	0.20	0.35	N	NC	SC	S			
	SunGain PLUS DG RS Low-E	0.23	0.42	0.50	N23					0.23	0.38	0.45	N23	NC					
	ThermaLock RS DG 2X Low-E	0.23	0.24	0.45		NC				0.23	0.22	0.40		NC					
	SunShield PLUS DG SC RS Low-E	0.23	0.18	0.41		NC	SC	S		0.23	0.16	0.37		NC	SC	S			
	SunShield DG SC	0.26	0.18	0.42			SC	S		0.26	0.17	0.38			SC	S			
	ThermaLock DG 2X Low-E	0.26	0.23	0.39						0.26	0.21	0.35			SC	S			
Awning (Fixed lite values may differ)	ThermaLock 3X TG RS Low-E	0.22	0.21	0.39	N	NC	SC	S		0.22	0.20	0.35	N	NC	SC	S			
	SunGain PLUS DG RS Low-E HIGH SHGC	0.25	0.42	0.50	N25					0.24	0.38	0.45	N24	NC					
	ThermaLock RS DG 2X Low-E	0.24	0.24	0.45		NC				0.24	0.22	0.40		NC					
	SunShield PLUS DG SC RS Low-E	0.24	0.18	0.41		NC	SC	S		0.24	0.16	0.37		NC	SC	S			
	SunShield DG SC	0.27	0.18	0.42			SC	S		0.27	0.17	0.38			SC	S			
	ThermaLock DG 2X Low-E	0.27	0.23	0.39						0.27	0.21	0.35			SC	S			
Rolling Window	ThermaLock 3X TG RS Low-E	0.23	0.25	0.46		NC				0.23	0.22	0.41		NC	SC	S			
	SunGain PLUS DG RS Low-E HIGH SHGC	0.26	0.48	0.59	N26					0.26	0.43	0.53	N26						
	ThermaLock RS DG 2X Low-E	0.25	0.28	0.52		NC				0.25	0.25	0.47		NC					
	SunShield PLUS DG SC RS Low-E	0.25	0.21	0.48		NC	SC	S		0.25	0.19	0.43		NC	SC	S			
	SunShield DG SC	0.28	0.21	0.50				S		0.28	0.19	0.44				S			
Picture Window	 1" ThermaLock 3X TG RS Low-E	0.17	0.26	0.49	N	NC				0.17	0.24	0.43	N	NC					
	ThermaLock 3X TG RS Low-E	0.19	0.26	0.49	N	NC				0.20	0.24	0.43	N	NC					
	SunGain PLUS DG RS Low-E HIGH SHGC	0.23	0.51	0.63	N23					0.23	0.46	0.56	N23						
	ThermaLock RS DG 2X Low-E	0.22	0.29	0.55	N	NC				0.22	0.27	0.49	N	NC					
	SunShield PLUS DG SC RS Low-E	0.22	0.22	0.51	N	NC	SC	S		0.22	0.20	0.46	N	NC	SC	S			
	SunShield DG SC	0.25	0.22	0.52		NC	SC	S		0.25	0.20	0.47		NC	SC	S			
	ThermaLock DG 2X Low-E	0.25	0.27	0.48		NC				0.25	0.25	0.43		NC					

Chart represents thermal values for replacement/integral J frame windows with Argon gas fill.



THERMAL PERFORMANCE DATA

VINYL (CONT.)

VINYL (CONT.)		NO GRIDS							WITH GRIDS						
Product Line	Glazing Description	Thermal Performance			ENERGY STAR® 7.0 Zone Compliance				Thermal Performance			ENERGY STAR® 7.0 Zone Compliance			
		U	SHGc	VT					U	SHGc	VT				
Hopper Window	ThermaLock 3X TG RS Low-E	0.23	0.23	0.42		NC	SC	S	0.24	0.21	0.38		NC	SC	S
	SunShield PLUS SC RS Low-E	0.26	0.19	0.44			SC	S	0.26	0.18	0.40			SC	S
	SunShield DG SC	0.29	0.19	0.45				S	0.29	0.18	0.41				S
Designer Shapes	SunGain PLUS RS Low-E SHGC	0.23	0.55	0.68	N23				0.23	0.49	0.61	N23			
	ThermaLock RS DG 2X Low-E	0.23	0.32	0.60		NC			0.23	0.29	0.54		NC		
	SunShield PLUS SC RS Low-E	0.22	0.23	0.55	N	NC	SC	S	0.22	0.21	0.50	N	NC	SC	S
	SunShield DG SC	0.27	0.24	0.57					0.27	0.22	0.51			SC	S
Vinyl DeadLite	ThermaLock 3X TG RS Low-E	0.21	0.29	0.53	N	NC			0.22	0.26	0.48	N	NC		
	SunGain PLUS RS Low-E SHGC	0.25	0.56	0.68	N25				0.25	0.50	0.61	N25			
	ThermaLock RS DG 2X Low-E	0.24	0.32	0.60		NC			0.24	0.29	0.54		NC		
	SunShield PLUS SC RS Low-E	0.24	0.24	0.56		NC			0.24	0.22	0.50			SC	S

High Solar Heat Gain (SHGc) glazing is designed for use in the Northern ENERGY STAR® climate zone only. Windows glazed with High SHGc glass are ideal for passive solar applications where a reduction in thermal performance (U-Factor) is allowed for a gain in solar heat performance. High SHGc glazing can qualify for the Northern ENERGY STAR® climate zone by meeting either of the three Equivalent Energy Performance (EEP) criteria shown below.

PATIO DOOR

		NO GRIDS								WITH GRIDS									
Product Line		Thermal Performance		ENERGY STAR® 7.0 Zone Compliance						Thermal Performance		ENERGY STAR® 7.0 Zone Compliance							
		U	SHGc	VT							U	SHGc	VT						
Vinyl Patio Door	ThermaLock TG 2X Low-E	0.24	0.23	0.39	N	NC	SC	S		0.25	0.20	0.34	N	NC	SC	S			
	ThermaLock RS DG Low-E	0.25	0.26	0.49	N	NC				0.25	0.23	0.43	N	NC	SC	S			
	SunShield PLUS SC RS Low-E	0.25	0.20	0.46	N	NC	SC	S		0.25	0.17	0.40	N	NC	SC	S			
	Blinds Between Glass ** DG 2X Low-E	0.29	0.25	0.46	-	-	-	-		-	-	-	-	-	-	-	-		
Non-Impact DP50	ThermaGuard DG Low-E	0.30	0.29	0.50	-	-	-	-		0.30	0.26	0.44	-	-	-	-			
	SunShield DG SC	0.29	0.20	0.45	-	-	-	-		0.29	0.17	0.39	-	-	-	-			
PD180 Patio Door	ThermaGuard DG Low-E	0.28	0.31	0.56	-	-	-	-		0.28	0.27	0.49	-	-	-	-			

** Note: Blinds Between Glass are available on Standard Size 2, 3 & 4 Lite doors that use a 3' panel width (6068, 9068 & 12068 door sizes). Custom sizes are available as special order only.

Legend

RS	Roomside
DG	Dual-Glazed Glass - 2 panes
TG	Triple-Glazed Glass - 3 panes
SC	Solar Control
HIGH SHGC	High Solar Heat Gain Package
2X	2 Low-E Coatings



Ratings depend on size tested. Our products are tested for performance regularly. Test results subject to change.

THERMAL PERFORMANCE DATA

VINYL

Product Line	Glazing Description	NO GRIDS						WITH GRIDS					
		Thermal Performance U SHGc VT			ENERGY STAR® 7.0 Zone Compliance			Thermal Performance U SHGc VT			ENERGY STAR® 7.0 Zone Compliance		
Classic Double Hung STC34	SunGain PLUS DG RS Low-E HIGH SHGc	0.26	0.45	0.57	N26			0.26	0.40	0.51	N26		
	ThermaLock RS DG Low-E	0.25	0.27	0.51		NC		0.25	0.24	0.45		NC	
	SunShield DG SC	0.28	0.21	0.48			SC S	0.28	0.19	0.43		SC S	
	ThermaLock DG 2X Low-E	0.28	0.25	0.44				0.28	0.23	0.39		SC S	
Slimline Double Hung STC34	SunGain PLUS DG RS Low-E HIGH SHGc	0.26	0.46	0.59	N26			0.26	0.41	0.52	N26		
	SunShield PLUS DG SC RS Low-E	0.26	0.21	0.48			SC S	0.26	0.19	0.43		SC S	
	SunShield DG SC	0.29	0.21	0.49			S	0.29	0.19	0.44			S
Casement STC34	SunGain PLUS DG RS Low-E HIGH SHGc	0.25	0.38	0.49		NC		0.25	0.35	0.44		NC	
	ThermaLock RS DG Low-E	0.25	0.23	0.43		NC	SC S	0.25	0.21	0.39		NC	SC S
	SunShield DG SC	0.28	0.18	0.41			SC S	0.28	0.17	0.37			SC S
Awning STC34	SunGain PLUS DG RS Low-E HIGH SHGc	0.26	0.38	0.49				0.26	0.35	0.44			
	ThermaLock RS DG Low-E	0.25	0.23	0.43		NC	SC S	0.25	0.21	0.39		NC	SC S
	SunShield DG SC	0.28	0.18	0.41			SC S	0.28	0.17	0.37			SC S
Fixed Casement/Awning STC34	SunGain PLUS DG RS Low-E HIGH SHGc	0.24	0.45	0.58	N24			0.24	0.41	0.52	N24		
	ThermaLock RS DG Low-E	0.23	0.27	0.51		NC		0.23	0.25	0.46		NC	
	SunShield DG SC	0.26	0.21	0.49			SC S	0.26	0.19	0.44			SC S
Picture Window STC32	SunGain PLUS DG RS Low-E HIGH SHGc	0.22	0.47	0.61	N			0.22	0.42	0.54	N		
	ThermaLock RS 2X DG Low-E	0.22	0.28	0.54	N	NC		0.21	0.25	0.48	N	NC	
	SunShield DG SC	0.25	0.22	0.51		NC	SC S	0.25	0.20	0.46		NC	SC S
Hopper STC33	SunGain PLUS DG RS Low-E HIGH SHGc	0.26	0.41	0.53	N26			0.26	0.37	0.48			
	ThermaLock RS DG Low-E	0.26	0.25	0.46				0.26	0.23	0.42			SC S
	SunShield DG SC	0.28	0.20	0.44			SC S	0.28	0.18	0.4			SC S
Welded Rolling STC33	SunShield PLUS DG SC RS Low-E Argon	0.26	0.21	0.47			SC S	0.26	0.19	0.42			SC S
	SunShield DG SC	0.29	0.21	0.48			S	0.29	0.19	0.43			S

Chart represents thermal values for replacement/Integral J frame windows with Argon gas fill.

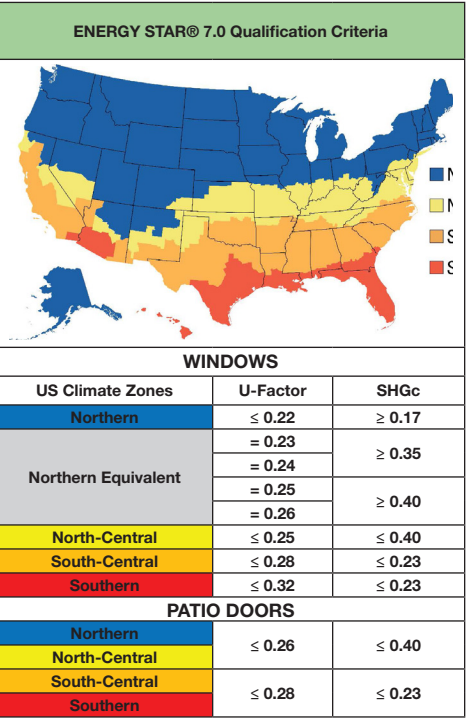
THERMAL PERFORMANCE DATA

WOOD WINDOWS

Product Line	Glazing Description	NO GRIDS						WITH GRIDS					
		Thermal Performance U SHGc VT			ENERGY STAR® 7.0 Zone Compliance			Thermal Performance U SHGc VT			ENERGY STAR® 7.0 Zone Compliance		
Majesty Double Hung	SunShield PLUS DG SC RS Low-E	0.27	0.20	0.45			SC S	0.27	0.18	0.40			SC S
	SunShield DG SC	0.30	0.20	0.46			S	0.30	0.18	0.41			S
	ThermaLock RS DG 2X Low-E	0.30	0.25	0.43				0.30	0.22	0.38			S
Majesty Picture Window (Matches DH)	ThermaLock RS DG 2X Low-E	0.25	0.27	0.51		NC		0.25	0.25	0.46		NC	
	SunShield PLUS DG SC RS Low-E	0.25	0.20	0.47		NC	SC S	0.25	0.18	0.42		NC	SC S
	SunShield DG SC	0.28	0.21	0.49			SC S	0.28	0.19	0.43			SC S
	ThermaLock TG 2X Low-E	0.28	0.26	0.45				0.28	0.23	0.40			SC S
Majesty Casement	ThermaLock 3X TG RS Low-E	0.27	0.23	0.43			SC S	0.27	0.21	0.38			SC S
	ThermaLock TG 2X Low-E	0.28	0.23	0.38			SC S	0.29	0.21	0.35			S
	SunShield PLUS DG SC RS Low-E	0.31	0.19	0.44			S	0.31	0.18	0.40			S
Majesty Awning	ThermaLock 3X TG RS Low-E	0.27	0.23	0.43			SC S	0.27	0.21	0.38			SC S
	ThermaLock TG 2X Low-E	0.28	0.23	0.38			SC S	0.28	0.21	0.35			SC S
	SunShield PLUS DG SC RS Low-E	0.31	0.19	0.44			S	0.31	0.18	0.40			S
Majesty Fixed Lite (Matches Casement)	ThermaLock 3X TG RS Low-E	0.22	0.26	0.49	N	NC		0.23	0.24	0.44	N	NC	
	ThermaLock TG 2X Low-E	0.24	0.26	0.44		NC		0.24	0.23	0.40		NC	SC S
	SunShield PLUS DG SC RS Low-E	0.26	0.22	0.51			SC S	0.26	0.20	0.46			SC S
	SunShield DG SC	0.31	0.22	0.52			S	0.31	0.20	0.47			S
Majesty Gliding Window	ThermaLock DG RS 2X Low-E	0.28	0.44	0.54	-	-	- -	0.28	0.40	0.48	-	-	- -

WOOD PATIO DOORS

Majesty Sliding Door	ThermaGuard DG 2X Low-E	0.29	0.32	0.54	-	-	- -	0.29	0.28	0.47	-	-	- -
Majesty Outswing Door	ThermaLock DG 2X Low-E	0.29	0.36	0.43	-	-	- -	0.29	0.31	0.37	-	-	- -
Majesty Inswing Door	SunGain PLUS RS Low-E HIGH SHGc	0.28	0.35	0.43	-	-	- -	0.28	0.3	0.36	-	-	- -



Notes:
U-Factor in accordance with NFRC-100 and based on whole window values.
Performance values shown are for "Single Strength" glass, unless otherwise noted.
Performance with "Double Strength" glass, different reinforcement levels, may vary.
Performance with 1" grids may vary.
Select glass types shown - others are available subject to special inquiry.
Tempered Low-E and Bronze Tint glass will affect U-Factor, SHGc and VT values.
Obscured glass is treated as Clear glass and shares the same thermal data.
All Patio Door Glazing Options are Tempered Glass only.



Ratings depend on size tested.
Our products are tested for performance regularly.
Test results subject to change.

STRUCTURAL PERFORMANCE DATA

VINYL WINDOWS AND PATIO DOORS

Product Line	Unit Size W x H	Configuration	Air Infiltration cfm/ft²	Water Resistance psf	Structural Test Pressure psf	DP Rating	Structural Rating
Tribute Double Hung	54" x 91"†	Single	0.06	5.43	52.63	DP35	H-LC35
	48" x 84"	Single	0.01	5.43	52.63	DP35	H-LC35
	42" x 77"†**^	Single	0.01	7.52	74.24	DP50	H-LC50
	85-1/2" x 75"	2-Wide CJ	0.06	5.43	52.63	DP35	H-LC35
Classic Double Hung	48" x 84"	Single	0.01	6.06	60.15	DP40	H-LC40
	42" x 77"†^	Single	0.03	7.52	75.24	DP50	H-LC50
	72" x 72"	2-Wide CJ	0.14	6.90	67.70	DP45	H-LC45
	110" x 72"	DH-PW-DH CJ	0.03	5.43	52.63	DP35	H-LC35
	110" x 72"	3-Wide CJ	0.17	5.43	52.63	DP35	H-LC35
Slimline Double Hung & Single Hung	46" x 77"	Single	0.01	4.59	45.11	DP30	H-LC30
	54" x 77"	Single	0.26	6.06	37.59	DP25	H-LC25
	40" x 63"†**^	Single	0.01	7.52	75.19	DP50	H-LC50
	37" x 72"†**^	Single	0.01	7.52	75.19	DP50	H-LC50
	72" x 72"	2-Wide CJ	0.07	5.43	52.63	DP35	H-LC35
Vinyl Awning	48" x 58"	Single	0.01	8.35	60.15	DP40	AP-LC40
	64" x 32"†	Single	0.01	7.52	75.19	DP50	AP-LC50
	60" x 42"	Single	0.01	6.06	60.19	DP40	AP-C40
	41-7/8" x 42"	Single	0.01	9.19	70.18	DP60	AP-C60
Vinyl Casement	36" x 80"	Single	0.01	8.35	82.71	DP55	C-C55
	71-1/4" x 80"	2-Wide CJ	0.04	5.43	52.63	DP35	C-C35
	60" x 72"	2-Wide CJ	0.04	7.52	75.19	DP55	C-C55
Fixed Vinyl Casement / Awning	60" x 80"	Single	0.01	7.52	60.19	DP40	F-C40
	64" x 56"	Single	0.02	7.52	75.19	DP50	F-C50
	36" x 72"	Single	0.01	8.35	82.71	DP55	F-C55
Venting Vinyl Awning over Fixed w/Mull & CJ	65" x 77"†	Stacked CJ-Mull	0.01	7.52	75.19	DP50	AP-LC50
Fixed Vinyl Casement over Venting Awning	64" x 78"†	Stacked CJ	0.03	7.52	75.19	DP50	AP-LC50
Vinyl PW mulled over Venting Awning	64" x 78"†	Stacked Mull	0.01	7.52	75.19	DP50	AP-LC50
Vinyl PW mulled over Venting Awning CJ-2	72" x 103"†	Stacked Mull	0.07	7.52	75.19	DP50	AP-LC50
Vinyl Picture Window	72" x 72"	Single	0.01	8.35	82.71	DP55	F-C55
	110" x 72"	2-Wide CJ	0.01	4.59	45.11	DP30	F-LC30
	108" x 48"	2-Wide CJ	0.01	7.52	75.19	DP50	F-LC50
Vinyl Designer Shape	78" x 85-1/4"	Single	0.01	7.52	75.19	DP50	F-C50
	64" x 64"	Single	0.01	7.52	75.19	DP50	F-C50
Welded Vinyl Rolling Window	72" x 62-1/2"	2-Lite	0.01	5.43	52.63	DP35	HS-LC35
	120" x 62-1/2"	3-Lite	0.07	3.76	37.59	DP25	HS-LC25
Vinyl Hopper Window	48" x 32"	Single	0.06	2.92	22.57	DP15	AP-R15
Vinyl Patio Door (with or without Transom)	96" x 80" (8068)	2-Lite	0.13	5.43	52.63	DP35	SD-R35
	96" x 96" (8080)	2-Lite	0.05	5.43	37.59	DP25	SD-R25
	144" x 80" (12068)	3-Lite OXO	0.01	5.43	52.63	DP35	SD-R35
	139-3/4" x 95-1/2" (12080)	4-Lite OXXO	0.05	3.76	37.59	DP25	SD-R25

STRUCTURAL PERFORMANCE DATA

WOOD WINDOWS

Product Line	Unit Size W x H	Configuration	Air	Water	Structural Test Pressure psf	DP Rating	Structural Rating
Majesty Double Hung	44" x 75"	Single	0.07	5.43	52.66	DP35	H-R35
Majesty Picture Window	54" x 54"	Single	0.01	3.76	37.59	DP35	F-LC25
Majesty Casement	32" x 72"	Single	0.01	3.76	37.59	DP25	C-LC25
Majesty Fixed Casement	60" x 72"	Single	0.01	4.59	30.08	DP30	F-R30
Majesty Awning	48" x 39"	Single	0.01	5.43	52.63	DP35	AP-C35
Majesty Gliding Window	72" x 61"	2-Lite	0.26	3.75	37.59	DP25	HS-R25
Majesty Gliding Patio Door	72" x 108"	2-Lite	0.24	4.59	45.11	DP30	SD-R30
	96" x 96"	2-Lite	0.19	6.90	60.15	DP40	SD-LC40
	192" x 82"	4-Lite	0.21	5.43	52.63	DP35	SD-R35
	192" x 96"	4-Lite	0.18	3.75	37.59	DP25	SD-LC25
Majesty Hinged Patio Door In-swing Multi Point	64" x 82"	2-Lite	0.08	6.90	60.15	DP40	SHD-R40
	64" x 96"	2-Lite	0.10	6.90	60.15	DP40	SHD-R40
	72" x 96"	2-Lite	0.10	7.52	75.19	DP50	SHD-R50
	72" x 108"	2-Lite	0.08	4.59	45.11	DP30	SHD-R30
Majesty Hinged Patio Door Out-swing Multi Point	64" x 82"	2-Lite	0.20	6.90	60.15	DP40	SHD-R40
	64" x 96"	2-Lite	0.10	6.90	60.15	DP40	SHD-R40
	72" x 96"	2-Lite	0.10	7.52	75.19	DP50	SHD-LC50
	72" x 108"	2-Lite	0.04	4.59	45.11	DP30	SHD-R30

Notes:

† Reinforced sash
** Sill Rise Extender will reduce clear opening height by 9/16"
^ DP50 Package Required

Legend:

Product Line	Describes that product line of windows and doors and provides the Name for that line.
Unit Size	Shows the overall size of the window tested to achieve the results listed.
Configuration	Indicates the window or door configuration, number of units and/or shape tested
Air Infiltration	A measure of a windows air flow passing through the window taken at 1.57 psf. (25 mph equivalent).
Water Resistance	A measure of a windows water performance or resistance to water entry expressed in psf.
Structural Test Pressure	Overload pressure used during testing (1.5 x Design Pressure)
Design Pressure (DP Rating)	Overall structural performance rating for the subject window based on Air, Water and Structural performance
psf	Pressure measurement = Pounds per square foot (Lbs./ft²)
cfm/ft²	Air Infiltration measurement expressed in Cubic Feet / Minute / Square Foot of window
Single	Indicates a single unit was tested to achieve the results
2-Wide CJ	Indicates window is a 2-Wide unit made in a Common Jamb configuration
3-Wide CJ	Indicates window is a 3-Wide unit made in a Common Jamb configuration
2-Lite	Indicates a 2-Lite window configuration on windows that can be 2 or 3 lites
3-Lite	Indicates a 3-Lite window configuration on windows that can be 2 or 3 lites

Performance Class:

R = Residential	≥DP15
LC = Light Commercial	≥DP25
CW = Commercial	≥DP30

Product Type:

H = Single or Double Hung window
AP = Awning Projected Window
C = Casement Window
F = Fixed Window
HS = Horizontal Slider Window
DAW = Dual Action Window
SD = Sliding Door
SHD = Side Hinged Door



Ratings depend on size tested.
Our products are tested for performance regularly.
Test results subject to change.

