

UPGRADE YOUR EXPECTATIONS
WITHOUT UPGRADING YOUR BUDGET.

H3



SIERRA
PACIFIC
WINDOWS

STILL "THE MOST INNOVATIVE WINDOW OF THE YEAR."



When we introduced our advanced H3 window, Window & Door magazine gave it the Crystal Achievement Award for innovation.

Since then, all we've done is make it even better.

At the core of the H3 is our patented Fusion Technology™. It integrates three perfect materials—extruded aluminum, vinyl and solid wood—into one perfect window. This unique fusion results in improved energy efficiency & performance, noticeably enhanced aesthetics, an extreme seal, and easier installation.



H3

INTRODUCING THE NEW H3 SLIDER.



Our H3 lineup continues to grow with the addition of a new, easy-glide slider. The H3 is also available in an option-rich, easy-tilt double hung, as well as casement, awning and picture windows. They're the smart choice for new construction or replacement.

Standard teflon gliding mechanism. Optional precision stainless steel rollers.



Our new H3 horizontal slider comes with solid performance, plenty of glass & accessory options. Available in larger sizes.

Protected to the core against water and rot with our exclusive patented CoreGuard™ wood treatment.

Solid wood interior for warmth, beauty and thermal insulation. Not just a veneer like some windows.

Single or triple configurations.

Tilt-in sash for easy cleaning.

Proprietary patented Fusion Technology™ integrates 3 perfect materials into 1 perfect window.

Innovative snap-lock design means no unsightly screws or fasteners on the interior. Only minor nail holes to fill in the screen track.

Up to a 1" glass thickness for more glazing options; including triple IG.

Available with simulated divided lite grilles or our grilles between the glass.

Mitered corners and narrow sash stiles & rails for a full vista view.

Select ponderosa pine is standard. Available natural, primed, or factory finished, and in 8 other wood species.

Interior vinyl track mechanism is available in beige or white to blend seamlessly with a painted white interior.

Thicker, stronger 0.055" extruded aluminum cladding. It's at least twice as thick as competitors' roll-form cladding for greater durability and dent resistance.

Extra-strong 0.072" vinyl base frame for superior rigidity, tight corners, total protection against rot, and enhanced resistance to air or water leaks.

Integral rigid nailing fin for greater structural integrity, improved water barrier and easy installation. The H3 virtually eliminates racking problems.

Jamb depth options up to 8-1/8".

H3

NOBODY'S EVER BUILT A DOUBLE HUNG LIKE THIS BEFORE.



Solid wood interior for warmth, beauty and thermal insulation with 4-9/16" standard jamb depth. Not just a veneer like other mid-priced windows. Select ponderosa pine is standard. Available natural, primed, or factory finished, and in 8 other wood species.

Extra-strong 0.072" vinyl base frame for superior rigidity, tight corners, total protection against rot and enhanced resistance to air or water leaks.

Protected to the core against water and rot with our exclusive, patented CoreGuard™ wood treatment.

Proprietary patented Fusion Technology™ integrates 3 perfect materials into 1 perfect window.

Innovative snap-lock design means no unsightly screws or fasteners on the interior.

Low profile surface mounted lock with easy to operate lever.

Integral rigid nailing fin for greater structural integrity, improved water barrier and easy installation. The H3 virtually eliminates racking problems.

Available for new construction applications with an integral nailing fin or as an insert window for replacement applications.

Choose from nine species of interior wood.

Concealed jambliner just like on our custom built, high end windows.

Easy-tilt sash for easy cleaning.

Premium weatherstripping.

Custom sizing to 1/8" available.

Mix and match the H3 with our premium line to help stay within budget.

Available with simulated divided lite grilles or our grilles between the glass.

Sealed and mitered corners outside, non-mitered inside.

Seamless factory mull system stops water with integral continuous head and sill mulls.

Thicker, stronger extruded aluminum cladding. Ours is at least twice as thick as competitors' roll-form cladding for greater durability and dent resistance.

H3

NOBODY'S EVER BUILT A CASEMENT LIKE THIS BEFORE.



H3 Casement with a fixed Transom.



Solid wood interior for warmth, beauty and thermal insulation with 4-9/16" standard jamb depth. Not just a veneer like some windows. Select ponderosa pine is standard. Available natural, primed, or factory finished, and in 8 other wood species.

Seamless factory mull system stops water with integral continuous head and sill mulls.

Extra-strong 0.072" vinyl base frame for superior rigidity, tight corners, total protection against rot, and enhanced resistance to air or water leaks. No vinyl components are visible when window is closed.

Proprietary patented Fusion Technology™ integrates 3 perfect materials into 1 perfect window.

Thicker, stronger extruded aluminum cladding. Ours is at least twice as thick as competitors' roll-form cladding for greater durability and dent resistance.

Innovative snap-lock design means no unsightly screws or fasteners on the interior. Only minor nail holes to fill in the screen track.

Protected to the core against water and rot with our exclusive patented CoreGuard™ wood treatment.

Available with simulated divided lite grilles or our grilles between the glass.

Top of the line Encore handle and operating hardware are standard.

Choose from nine species of interior wood.

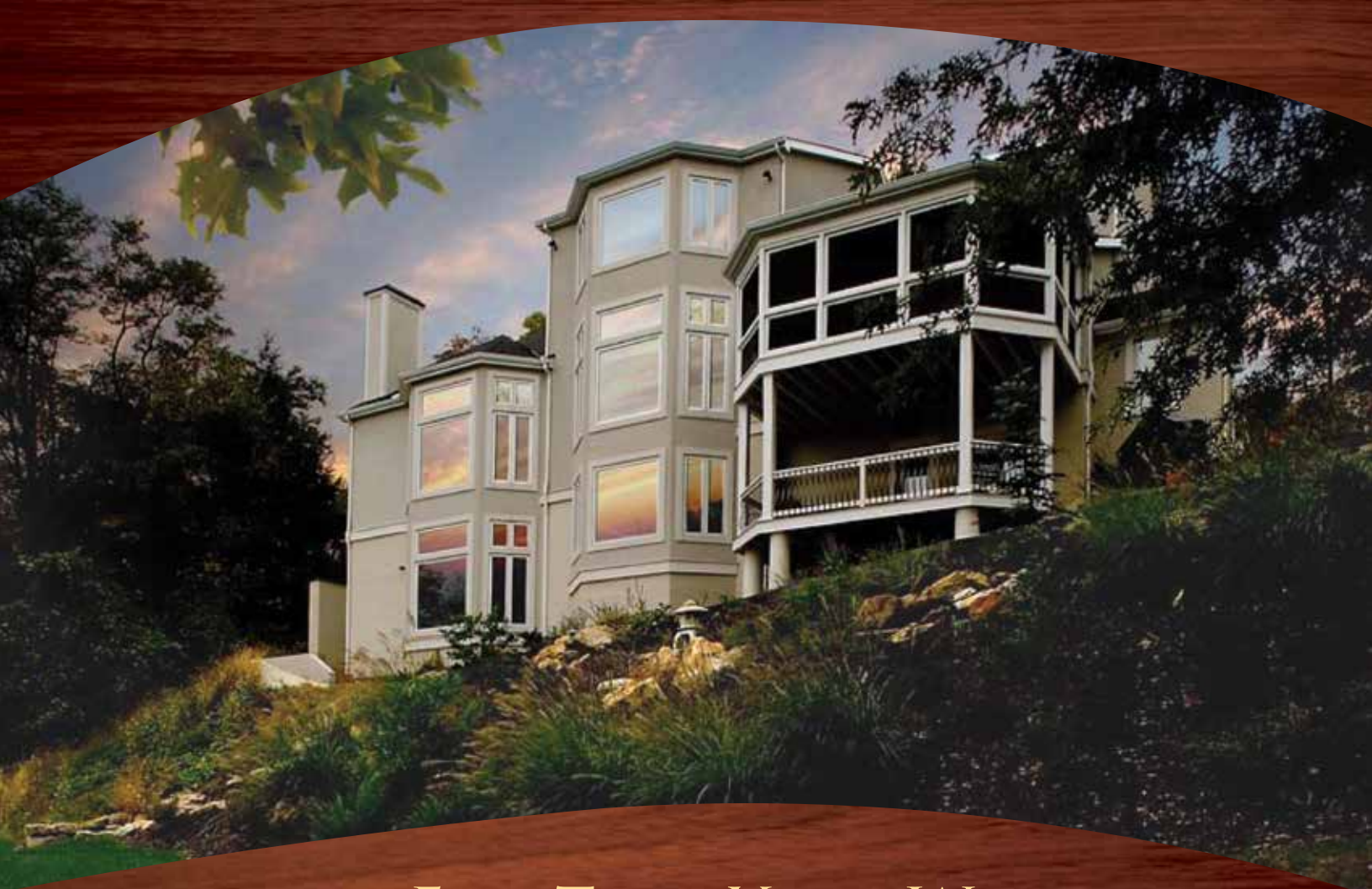
Premium weatherstripping. Custom sizing to 1/8" available.

Integral rigid nailing fin for greater structural integrity, improved water barrier and easy installation. The H3 virtually eliminates racking problems.

Mix and match the H3 with our premium line to help stay within budget.

Sealed and mitered corners outside, non-mitered inside. Architectural sash setback of 1-1/8".

HIGH PERFORMANCE GLAZING OPTIONS.




FINE TUNE YOUR WINDOWS FOR OPTIMAL PERFORMANCE.





What's the best glazing for your replacement windows and patio doors? Obviously, what's best for a freezing northern winter is not necessarily right for a hot southern summer. We have the answer. With one of the broadest selections of glazing options in the window industry, Sierra Pacific lets you choose exactly the right performance glass for your exact weather and environmental conditions.


You can choose glazing to improve your energy efficiency and lower your energy bills. You can capture the sun's heat, or reflect it. You can also reduce outside noise, block the sun's damaging UV rays, or even enhance your privacy.





- Super Sun Blocker™** 


Featuring a triple layer silver for the ideal balance of thermal performance, solar control and 95% UV protection. Improved visible light transmittance, plus a solar heat gain coefficient of 0.27*.
- Low-E 366** 


Cardinal's triple layer silver product with their exclusive XL Edge Spacer for superior performance. 95% UV protection. Solar heat gain coefficient of 0.27*
Also available with Preserve® protective film or with Preserve and Neat® coating for a naturally cleaner glass.
- Super Sun Blocker with Surface #4 Low-E Coating**** 


Triple silver Super Sun Blocker dual pane glazing with the addition of Low-E coating on surface #4. Superior R-5 center of glass insulation value without the need for triple glazing.* Meets stringent Energy Star requirements in the U.S. and Canada.
- Low-E 366 with i89 Coating**** 

The same superior performance as regular Low-E 366 (above), but with the addition of i89 coating on surface #4 to increase insulating value and reduce solar heat gain. Meets even the most extreme requirements in the majority of the Canadian Energy Star zones.
- Low-E 340** 

Cardinal's newest glazing innovation. It has an amazingly low 0.18* solar heat gain coefficient to keep out the heat even in the blazing sun. Blocks 98% of UV rays. Less heat gain when it's hot, less heat loss when it's cold, and maximum glare control. Also available with Preserve protective film or with Preserve and Neat coating.
- Low-E 180 Passive Solar** 

With a center of glass U-Factor of just 0.26 and a solar heat gain coefficient of 0.70, Low-E 180 is ideal for passive solar applications. Superior insulation value blocks cold and keeps in the heat. Also available with Preserve protective film or with Preserve and Neat coating.
- Low-E 180 Passive Solar with i89 Coating**** 

The same superior performance as regular Low-E 180 (above), but with the addition of i89 coating on surface #4 to increase insulating value and reduce solar heat gain. Meets even the most extreme requirements in the majority of the Canadian Energy Star zones.
- Dual Pane Low-E** 

Insulated for improved energy efficiency. Single surface low-E coating to reduce solar heat gain and block UV rays.
- Insulated Glass** 

For moderate climates. Basic glazing with basic performance.
- Sound Control** 

Reduces outside noise by as much as 50% while blocking 99% of damaging UV rays. Laminated for shatter resistance. Available insulated or non-insulated.

All values shown are center of glass. **Surface #4 coatings are applied to the interior (room-side surface) of a dual pane IG unit, resulting in improved thermal performance and lower heating costs. Because the coating reflects heat back into the room, the room-side pane of glass will be slightly colder in winter, causing a higher potential for interior condensation.

WARM EVERY ROOM WITH THE NATURAL BEAUTY OF WOOD.

Maple²

Alder

Mahogany

Cherry

Douglas Fir

Red Oak

Black Walnut²

White Oak

Pine



Rosettes available in 2.5" or 3.5" sizes in matching wood species.

We've done everything we can to make your H3 windows as beautiful as possible.

That's why we let you choose from nine beautiful woods for your windows and trim. In fact, we'll craft your H3 windows from almost any workable species.

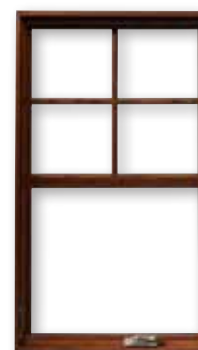
H3 TRIM OPTIONS.



Printing limits our ability to show colors precisely. See your local representative for actual wood samples.



THE PERFECTION OF A PREMIUM FINISH.



Nothing beats a factory finish applied with state-of-the-art equipment under rigorously controlled, ultra-clean conditions.

Sierra Pacific gives you two premium options: Ultra Stain and Ultra Coat.

Ultra Stain is an advanced, multi-step process that brings out all the beauty of your wood interior. Ultra Coat uses a unique, specially formulated, two-part catalyzed polyurethane paint. It's the white interior paint that's so durable, it could be used outdoors.

Both Ultra Stain and Ultra Coat are so tough, they resist scratching and marring, and so superior, they provide advanced protection against moisture.



Clear

Espresso

Toffee

PICK YOUR FAVORITE COLOR.



STANDARD COLORS.

TRENDS COLOR PALETTE.

ANODIZED CLAD FINISHES.

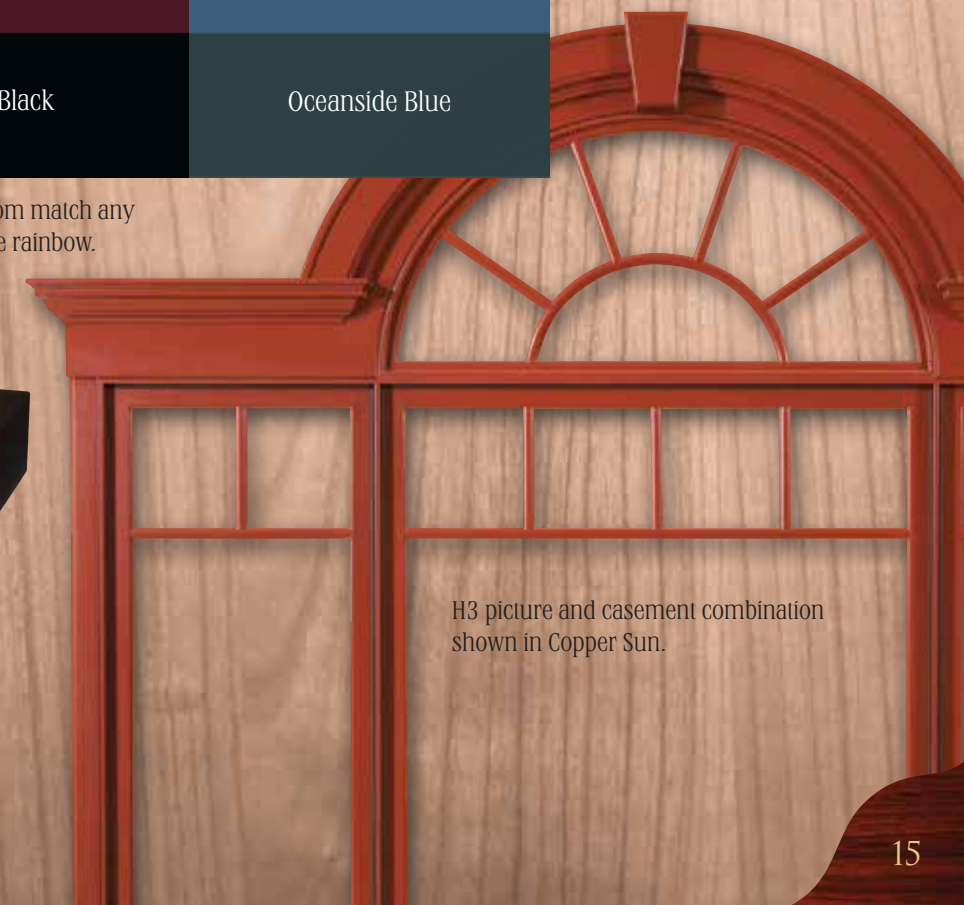
White*	Bronze*	Silver Ice	Clear Anodize
Eggshell*	Green	Gray Velvet	Champagne Anodize
Colonial White	Sage Brown	Battleship Gray	Light Bronze Anodize
Burnt Sun	Bahama Brown	Copper Sun	Medium Bronze Anodize
Dried Wheat	Brick Red	Hampton Blue	Dark Bronze Anodize
Sand*	Boysenberry	Military Blue	
Patina Green	Jet Black	Oceanside Blue	
Aspen Moss	We'll also custom match any color under the rainbow.		

* Shortest lead-time.
Printing limits our ability to show colors precisely.
See your local representative for actual cladding samples.

EXTERIOR TRIM PROFILE



1-1/2" Auxiliary Brickmould



H3 picture and casement combination shown in Copper Sun.



The exterior of Sierra Pacific H3 windows is fully encased in low maintenance, heavy-duty, extruded aluminum. Ours is at least twice as thick as our competitors' roll-form cladding.

Most importantly, we give you the colors you're looking for. In addition to our new Trends Color Palette, we also offer 15 standard colors, plus custom matching, plus 5 extra-durable anodized aluminum finishes with no costly setup charges.

We use near-zero-VOC, AAMA 2604 powder paints that are heat-cured for a harder, tougher finish.

MAKE OUR WINDOWS UNIQUELY YOURS.



With our grille and hardware design options, you can make the look of your H3 windows truly complement your home—whether your décor is traditional, contemporary, or something in between.



White Champagne Goldtone Bronze
(standard)

CASEMENT HARDWARE.

Our standard handle is the Encore from Truth. It's the same high-end handle as on our premium casements. It folds out of the way of window treatments, and comes in four popular hardware finishes.



DOUBLE HUNG HARDWARE.

Easy-tilt latches make window cleaning a breeze. Available in four finishes.



SIMULATED DIVIDED LITES.

Sierra Pacific offers two modern ways to achieve the classic appeal of traditional divided lites. We've eliminated the energy loss and cleaning headaches caused by those old-fashioned individual panes of glass.

Outside, extruded aluminum bars match your cladding precisely. Between the glass, optional aluminum spacers create the look of true divided lites. Inside, bars of preservative-treated pine (or select wood species) complete the picture.



GRILLES BETWEEN THE GLASS.

This is the easiest way to achieve the divided lite look. We seal the grille between the panes of glass. So you get the visual appeal you want without the grille ever getting in your way.



Grilles between the glass come in your choice of profiles: 11/16" or 1" contour or 5/8" flat. Two-tone grilles also available.

GRILLE CONFIGURATIONS.

Your grilles can be as traditional or as unique as you choose. Our standard configurations include rectangular and Queen Anne. But with our custom configurations, we're ready to transform your inspiration into reality.



Rectangular



Queen Anne



Bronze spacer option shown.

Grille profiles

Simulated divided lite

Wood grille

Putty 5/8"



Putty 7/8"



Putty 1"



5/8"



7/8"



1"



1-1/4"



2"





THE PERFECT COMPLEMENT TO YOUR H3 WINDOWS.



In addition to the remarkably advanced H3, Sierra Pacific also offers several complete lines of wood windows and patio doors. We build them with careful attention to detail, superb craftsmanship, innovative engineering, and the newest technology.

Of course, they're designed to complement your H3 windows perfectly.

OUR INSTALLATION SECRET: TIME IS MONEY.

The H3 isn't just remarkably advanced. It's also remarkably easy to install and finish. A rigid nailing fin is integral to H3 windows. It produces greater structural integrity, an improved water barrier and the virtual elimination of racking problems.

Plus, our innovative snap-lock design also means no unsightly screws or fasteners on the interior and fewer nail holes to fill. In fact the only nail holes on the casement are in the screen track.

The bottom line is that you save time. And time is money.



OUR MOST POPULAR SIZES & CONFIGURATIONS.

All windows viewed from the exterior. Shown with standard rectangle grille pattern.

Check with your local building inspector to confirm window complies with your local, state, regional and national interpretation of the building codes.

Sizing

The H3's callout is the same as its rough opening dimension. The basic unit size (BUS) is 1/2" subtracted from the rough opening height and width. Custom sizing to 1/8" available within the standard min and max sizes.

Factory mulling notation.

H3 factory mulls are constructed of a watertight continuous head and sill frame. This efficient system creates a variation in rough opening dimensions for field versus factory mulling.

Please note that field mull unit dimensions will be 1/2" larger in width per mull in comparison to factory mulls.

H3 Operating & Fixed Casements					H3 Casement Pictures			
R/O	18	24	28	30	36	48	56	60
36								
40								
48								
54								
60								
66								
72								

Meets Egress

Operation available left, right, or fixed.

28" x 40" and 30" x 40" operating casement meet egress on ground level applications for 5.0 sq. ft. based on 80-1/2" header height.

H3 2-Wide Operating Casements					
R/O	35	47	55	59	71
	(18-18)	(24-24)	(28-28)	(30-30)	(36-36)
36					
40					
48					
54					
60					
66					
72					

Meets Egress

Operation as shown.

55" x 40" and 59" x 40" 2W operating casement meet egress on ground level applications for 5.0 sq. ft. based on 80-1/2" header height.

H3 3-Wide Operating Casements

R/O	52	70	82	88	106
	(18-18-18)	(24-24-24)	(28-28-28)	(30-30-30)	(36-36-36)
36					
40					
48					
54					
60					
66					
72					

Meets Egress

82" x 40" and 88" x 40" 3W operating casement meets egress on ground level applications for 5.0 sq. ft. based on 80-1/2" header height. Flankers operate as shown.

H3 Operating/Picture Operating Casements

R/O	70	94	110
	(18-36-18)	(24-48-24)	(28-56-28)
36			
40			
48			
54			
60			
66			
72			

Meets Egress

Operation as shown.

110" x 40" 3W operating casement/ picture meets egress on ground level applications for 5.0 sq. ft. based on 80-1/2" header height.

H3 Casement Equal Lite Fixed Transom

R/O	35	47	55	59	71
	(18-18)	(24-24)	(28-28)	(30-30)	(36-36)
14					
18					
24					

R/O	52	70	82	88	106
	(18-18-18)	(24-24-24)	(28-28-28)	(30-30-30)	(36-36-36)
14					
18					
24					

Construction is a sash 'n frame H3 fixed casement. Factory stacking available.

H3 Operating Awnings

R/O	18	24	28	30	36	48
18						
24						
28						
30						
36						

H3 Twin Operating Awnings

R/O	35 (18-18)	47 (24-24)	55 (28-28)	59 (30-30)	71 (36-36)
18					
24					
28					
30					
36					

Operation is operating/operating. Fixed/fixed available for 18" and 24" widths.

H3 Fixed Awnings

R/O	18	24	28	30	36	48	56	60
14								
18								
24								
28								
30								
36								

H3 Fixed Over Operating Awnings

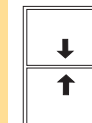
R/O	18	24	28	30	36	48
35 (18-18)						
47 (24-24)						
55 (28-28)						
59 (30-30)						
71 (36-36)						

Available operating or fixed. Factory stacking available as fixed over operating only.

H3 1-Wide Operating Double Hung

R/O	18	24	28	30	36	40
36						
40						
48						
54						
60						
66						
72						
78						
84						

Meets Egress



Operation as shown for all units in this category. Shown with no grilles.

H3 Double Hung Picture

R/O	36	40	48	56	60
36					
40					
48					
54					
60					
66					
72					
78					
84					

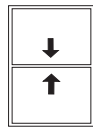
H3 1-Wide Double Hung Transom

R/O	18	24	28	30	36	40	48	56	60
18									
24									
28									
30									

H3 2-Wide Operating Double Hung

R/O	35 (18-18)	47 (24-24)	55 (28-28)	59 (30-30)	71 (36-36)	79 (40-40)
36						
40						
48						
54						
60						
66						
72						
78						
84						

Meets Egress



Operation as shown for all units in this category. Shown with no grilles.

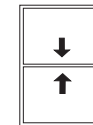
H3 2-Wide Double Hung Picture

R/O	71 (36-36)	79 (40-40)	95 (48-48)
36			
40			
48			
54			
60			
66			
72			
78			
84			

H3 3-Wide Double Hung

R/O	52 (18-18-18)	70 (24-24-24)	82 (28-28-28)	88 (30-30-30)	106 (36-36-36)
36					
40					
48					
54					
60					
66					
72					
78					
84					

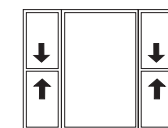
Meets Egress



Operation as shown for all units in this category. Shown with no grilles.

H3 3-Wide Double Hung Unequal

R/O	70 (18-38-18)	94 (24-48-24)	110 (28-56-28)
36			
40			
48			
54			
60			
66			
72			
78			
84			



Operation as shown for all units in this category. Shown with no grilles.

H3 2-Wide Double Hung Transom

R/O	35 (18-18)	47 (24-24)	55 (28-28)	59 (30-30)	71 (36-36)	79 (40-40)
18						
24						
28						
30						

H3 3-Wide Double Hung Transom

R/O	52 (18-18-18)	70 (24-24-24)	70 (18-36-18)	82 (28-28-28)	88 (30-30-30)	94 (24-48-24)	106 (36-36-36)	110 (28-56-28)
18								
24								
28								
30								

H3 Sliders X/O

R/O

	36	48	54	60	66	72
24						
36						
42						
48						
54						
60						
66						
72						
78						
84						

Meets Egress

H3 Sliders X/O/X
Equal Lite
Venting/Fixed Glass

R/O

	72	84	96	108	120
24					
36					
42					
48					
54					
60					
66					
72					

Meets Egress

H3 Sliders X/O/X
Unequal Lite
Venting/Fixed Glass

R/O

	72	84	96	108	120
24					
36					
42					
48					
54					
60					
66					
72					

Meets Egress

OUR 1,900,000-ACRE MANUFACTURING PLANT.

Sierra Pacific Industries, our parent company, sustainably manages 1.9 million acres of timberland. SPI is the largest millwork producer in the U.S. and the third largest lumber company.

But our size is only a small part of the story.

SPI plants 7 million new trees every single year. So 100 years from now, our forests will have more trees—and bigger trees—than today.

As a proud part of this family-owned, environmentally-committed company, Sierra Pacific is the only window company that maintains continuous quality control from the moment our tree seeds are planted until our beautiful wood windows are produced, approved and delivered to you.



**SIERRA
PACIFIC**
WINDOWS THAT
NEVER COMPROMISE

