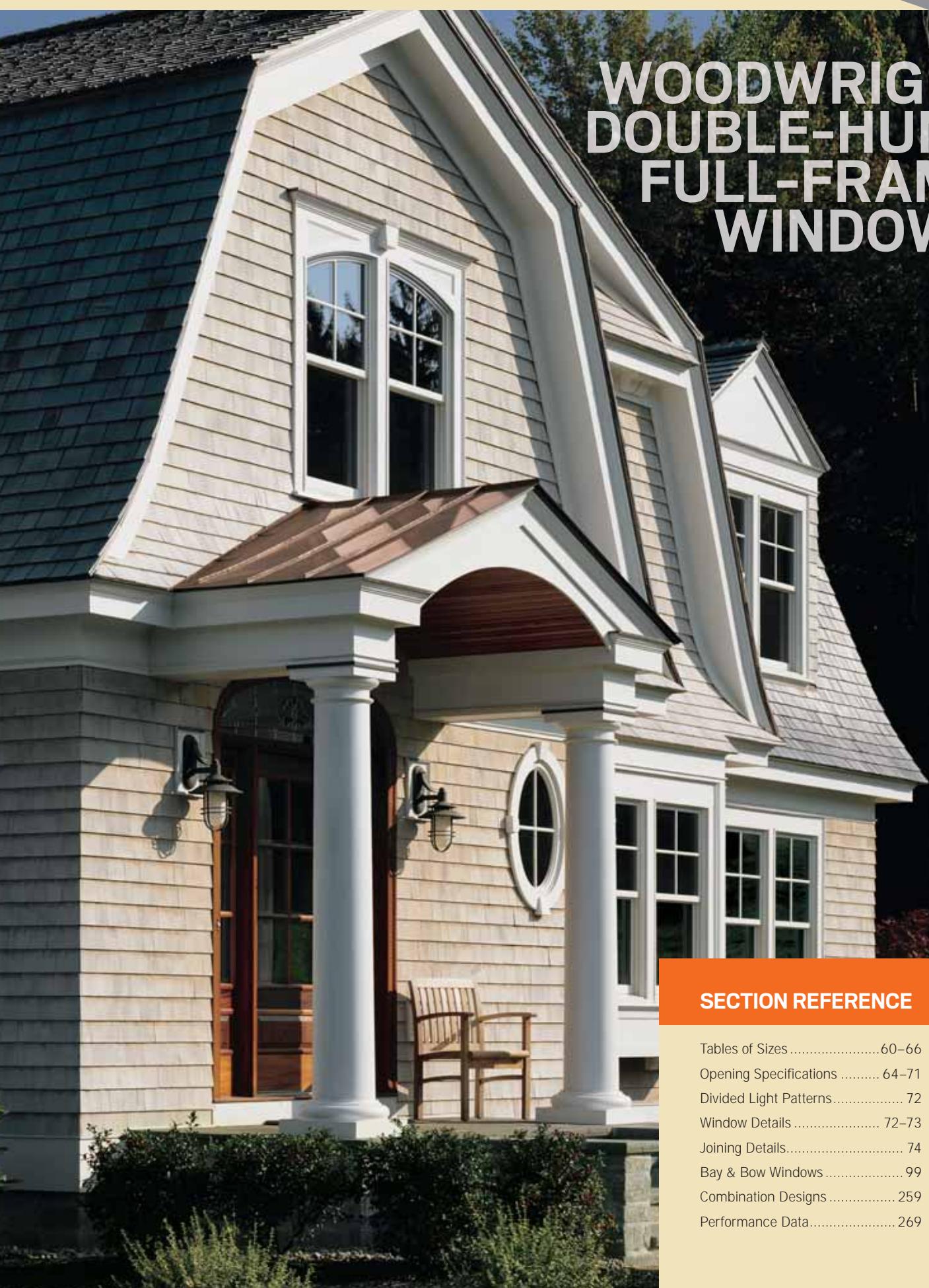


400 SERIES

WOODWRIGHT® DOUBLE-HUNG FULL-FRAME WINDOWS



400 Series
Woodwright® Double-Hung
Full-Frame Windows

SECTION REFERENCE

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WOODWRIGHT® DOUBLE-HUNG FULL-FRAME WINDOWS

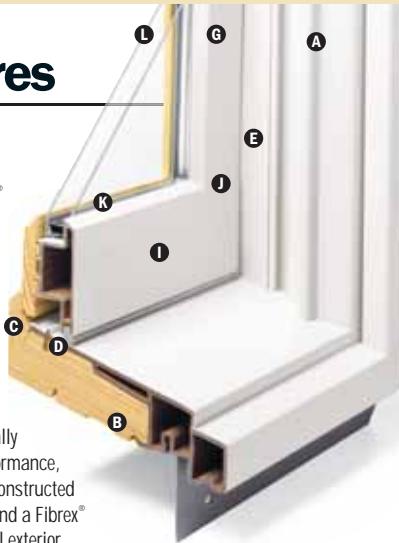
Features

FRAME

A Perma-Shield® exterior cladding protects the frame — beautifully. Best of all, it's low-maintenance and long-lived. You never have to paint it.*

B For exceptionally long-lasting* performance, sill members are constructed with a wood core and a Fibrex® composite material exterior.

C Natural wood stops are available in pine, oak, maple or painted white. Wood jamb liners add beauty and authenticity to the window interior.



D Multiple weatherstripping systems help provide a barrier against wind, rain and dust. The combination of spring tension vinyl, rigid vinyl and flexible bulb weatherstripping is efficient and effective.

E For units with White exterior color, exterior jamb liner is white. For all other units the exterior jamb liner is gray.

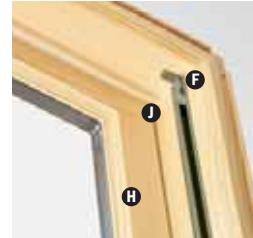


Woodwright® windows can be ordered with a Forest Green sash and White frame exterior.

SASH

F Slide wash assists make it easy to tilt the sash into wash mode.

G Balancers in the sash enable contractors to screw through the jamb during installation without interfering with the window's function.



Wood Jamb Liner

H Natural wood sash interior with classic chamfer detailing. Available in pine, oak, maple or painted white.

I Low-maintenance sash exterior provides long-lasting* protection and performance. Sash exteriors on most units include patented Fibrex® material.

J Sash joints simulate the look of traditional mortise-and-tenon construction inside and out.

GLASS

K Silicone bed glazing provides superior weathertightness and durability.



L High-Performance™ glass options include:

- Low-E4® glass
- Low-E4® SmartSun™ glass
- Low-E4® Sun glass

Tempered glass and other glass options are available. Contact your Andersen supplier. (Glass option must be specified.)

PATTERNED GLASS

Patterned glass options are available. See page 12 for more details.

* For complete information on our limited warranties, visit andersenwindows.com or contact your Andersen supplier.

Exterior



Specify a unit exterior option and an interior option to complete your order.

Interior



Naturally occurring variations in grain, color and texture make each window one-of-a-kind.

Hardware

Sold separately except where noted.

Lock & Keeper



The cam-operated lock & keeper is designed for easy operation and long life* and comes standard with double-hung windows. Stone finish is standard with wood interior units. White finish comes with prefinished white interiors.

Available in white or stone finish.



Estate™

Optional Estate lock & keeper. Available in bright brass, antique brass, polished chrome, brushed chrome, oil rubbed bronze, **satin nickel**, distressed bronze and distressed nickel. Estate lock & keeper reduces the clear opening height by $1/2$ ". Check with local building code officials to determine compliance with egress requirements.

Double-Hung Lifts

CLASSIC SERIES™



Sash Lift



Hand Lift



Finger Lift

Optional Classic Series lifts are available in white or stone finish.

ESTATE™



Hand Lift



Finger Lift

Optional Estate lifts are available in bright brass, antique brass, polished chrome, brushed chrome, **satin nickel**, oil rubbed bronze, distressed nickel and distressed bronze.

TRADITIONAL



Bar Lift



Hand Lift



Finger Lift

Optional Traditional lifts are available in bright brass, antique brass, polished chrome, brushed chrome, **satin nickel**, oil rubbed bronze, white and stone.

Bold names denote finish shown.

Hardware Finishes



Printing limitations prevent exact finish replication. See your Andersen supplier for actual finish samples.

Accessories

Sold Separately.

PERFORMANCE GRADE (PG) UPGRADE

Available to provide additional structural support for most Woodwright® window sizes, the performance upgrade allows windows to achieve PG 50 performance. Performance Grade Ratings replace Design Pressure Ratings for measuring product performance. See page 269. Use of this option will subtract $5/8$ " from clear opening height.

SHAPES

Woodwright windows are available in the following shapes.



Rectangular Double-Hung



Archtop Double-Hung



Springline™ Single-Hung



Unequal Leg Arch Double-Hung

For more information about glass, patterned glass, art glass, grilles, TruScene® insect screen and installation accessories, see pages 12–32 or visit

 andersenwindows.com

FRAME



Extension Jambs

Standard jamb depth is $4\frac{1}{2}$ ". Jamb depth can be $4\frac{1}{8}$ " if installation flange is reversed. Extension jambs are available in unfinished pine, oak, maple or prefinished white. Some sizes may be veneered.

Factory-Applied Extension Jambs

Available in $1/16$ " increments between $5\frac{1}{4}$ " to $7\frac{1}{8}$ ". Extension jambs can be factory-applied to either three sides (stool and apron application) or four sides (picture frame casing).

Non-Applied Extension Jambs

Non-applied extension jambs are available for the following wall depths:

- $5\frac{1}{4}$ "
- $6\frac{9}{16}$ "
- $7\frac{1}{8}$ "

Pine Stool

A pine stool is available and ready for finishing. The Woodwright® stool is available in $4\frac{9}{16}$ " for use in wall depths up to $5\frac{1}{4}$ " and $6\frac{9}{16}$ " for use in wall depths up to $7\frac{1}{8}$ ". Works with $2\frac{1}{4}$ " and $2\frac{1}{2}$ " wide casings.



NEW

EXTERIOR TRIM

This product now available with Andersen Exterior Trim. See pages 141–144 for details.

Opening Control Device Kit

A Window Opening Control Device Kit is available, which limits raising the sash to less than 4 inches when the window is first opened. Available in Stone and White. Device shown on a 400 Series Tilt-Wash Double-Hung.

INSECT SCREENS

EXCLUSIVE

TruScene® Insect Screen

TruScene insect screens are made with a micro-fine stainless steel mesh that's one-third the diameter of our aluminum screen wire. They provide 50% more clarity than our conventional insect screens. They also let more sunlight and fresh air into the home.

Conventional Insect Screen

Conventional insect screens come with charcoal powder-coated aluminum screen cloth.



Insect Screen Frames

Choose full insect screen or half insect screen (shown above). Half insect screen configurations allow ventilation without affecting the view through the upper sash. Available in White, Sandtone, Terratone® and Forest Green colors to match product exteriors.

CAUTION:

- Painting and staining may cause damage to rigid vinyl.
- Products in Sandtone or Terratone® color may be painted any color lighter than Terratone using quality oil-base or latex paint. Submit color samples to Andersen for approval when painting White. Submit color samples to Andersen for approval when painting Sandtone or Terratone any color darker than Terratone.
- Do not paint Forest Green exteriors.
- Creosote-based stains should not come in contact with Andersen products.
- Do not paint weatherstripping.
- Abrasive cleaners or solutions containing corrosive solvents should not be used on Andersen products.
- For vinyl painting instructions and preparation, contact your Andersen supplier.
- Andersen does not warrant the adhesion of paint to vinyl.

WOODWRIGHT® DOUBLE-HUNG FULL-FRAME WINDOWS

Table of Woodwright® Double-Hung Window Sizes

Scale $1/8"$ = $1'-0"$ (1:96)

Window Dimension	1'-9 5/8"	2'-1 5/8"	2'-5 5/8"	2'-7 5/8"	2'-9 5/8"	2'-11 5/8"	3'-1 5/8"	3'-5 5/8"	3'-9 5/8"	Notes on the next page also apply to this page.
Minimum Rough Opening	1'-10 1/8"	2'-2 1/8"	2'-6 1/8"	2'-8 1/8"	2'-10 1/8"	3'-0 1/8"	3'-2 1/8"	3'-6 1/8"	3'-10 1/8"	Cottage or reverse cottage available for all widths and all heights based on a 60/40 proportion.
Unobstructed Glass (lower sash only)	15 5/8"	19 5/8"	23 5/8"	25 5/8"	27 5/8"	29 5/8"	31 5/8"	35 5/8"	39 5/8"	Custom Widths – $1'-4\frac{1}{2}"$ to $3'-9\frac{5}{8}"$ Custom Heights – $3'-7\frac{7}{8}"$ to $6'-4\frac{7}{8}"$
3'-0 7/8"	3'-0 7/8"	3'-0 7/8"	3'-0 7/8"	3'-0 7/8"	3'-0 7/8"	3'-0 7/8"	3'-0 7/8"	3'-0 7/8"	3'-0 7/8"	3'-0 7/8"
WDH18210	WDH20210	WDH24210	WDH26210	WDH28210	WDH210210	WDH30210	WDH34210	WDH38210	WDH38210	Cottage
3'-4 7/8"	3'-4 7/8"	3'-4 7/8"	3'-4 7/8"	3'-4 7/8"	3'-4 7/8"	3'-4 7/8"	3'-4 7/8"	3'-4 7/8"	3'-4 7/8"	Reverse Cottage
WDH1832	WDH2032	WDH2432	WDH2632	WDH2832	WDH21032	WDH3032	WDH3432	WDH3832	WDH3832	
3'-8 7/8"	3'-8 7/8"	3'-8 7/8"	3'-8 7/8"	3'-8 7/8"	3'-8 7/8"	3'-8 7/8"	3'-8 7/8"	3'-8 7/8"	3'-8 7/8"	
WDH1836	WDH2036	WDH2436	WDH2636	WDH2836	WDH21036	WDH3036	WDH3436	WDH3836	WDH3836	
4'-0 7/8"	4'-0 7/8"	4'-0 7/8"	4'-0 7/8"	4'-0 7/8"	4'-0 7/8"	4'-0 7/8"	4'-0 7/8"	4'-0 7/8"	4'-0 7/8"	
WDH18310	WDH20310	WDH24310	WDH26310	WDH28310	WDH210310	WDH30310	WDH34310	WDH38310	WDH38310	
4'-4 7/8"	4'-4 7/8"	4'-4 7/8"	4'-4 7/8"	4'-4 7/8"	4'-4 7/8"	4'-4 7/8"	4'-4 7/8"	4'-4 7/8"	4'-4 7/8"	
WDH1842	WDH2042	WDH2442	WDH2642	WDH2842	WDH21042	WDH3042	WDH3442	WDH3842	WDH3842	
4'-8 7/8"	4'-8 7/8"	4'-8 7/8"	4'-8 7/8"	4'-8 7/8"	4'-8 7/8"	4'-8 7/8"	4'-8 7/8"	4'-8 7/8"	4'-8 7/8"	
WDH1846	WDH2046	WDH2446	WDH2646	WDH2846	WDH21046	WDH3046°	WDH3446°	WDH3846°	WDH3846°	
5'-0 7/8"	5'-0 7/8"	5'-0 7/8"	5'-0 7/8"	5'-0 7/8"	5'-0 7/8"	5'-0 7/8"	5'-0 7/8"	5'-0 7/8"	5'-0 7/8"	
WDH18410	WDH20410	WDH24410	WDH26410	WDH28410	WDH210410°	WDH30410°	WDH34410°	WDH38410°	WDH38410°	
5'-4 7/8"	5'-4 7/8"	5'-4 7/8"	5'-4 7/8"	5'-4 7/8"	5'-4 7/8"	5'-4 7/8"	5'-4 7/8"	5'-4 7/8"	5'-4 7/8"	
WDH1852	WDH2052	WDH2452	WDH2652	WDH2852°	WDH21052°	WDH3052°	WDH3452°	WDH3852°	WDH3852°	
5'-8 7/8"	5'-8 7/8"	5'-8 7/8"	5'-8 7/8"	5'-8 7/8"	5'-8 7/8"	5'-8 7/8"	5'-8 7/8"	5'-8 7/8"	5'-8 7/8"	
WDH1856	WDH2056	WDH2456	WDH2656°	WDH2856°	WDH21056°	WDH3056°	WDH3456°	WDH3856°	WDH3856°	
5'-12 7/8"	5'-12 7/8"	5'-12 7/8"	5'-12 7/8"	5'-12 7/8"	5'-12 7/8"	5'-12 7/8"	5'-12 7/8"	5'-12 7/8"	5'-12 7/8"	
WDH18510	WDH20510	WDH24510°	WDH26510°	WDH28510°	WDH210510°	WDH30510°	WDH34510°	WDH38510°	WDH38510°	
6'-0 7/8"	6'-0 7/8"	6'-0 7/8"	6'-0 7/8"	6'-0 7/8"	6'-0 7/8"	6'-0 7/8"	6'-0 7/8"	6'-0 7/8"	6'-0 7/8"	
WDH1862	WDH2062	WDH2462°	WDH2662°	WDH2862°	WDH21062°	WDH3062°	WDH3462°	WDH3862°	WDH3862°	
6'-4 7/8"	6'-4 7/8"	6'-4 7/8"	6'-4 7/8"	6'-4 7/8"	6'-4 7/8"	6'-4 7/8"	6'-4 7/8"	6'-4 7/8"	6'-4 7/8"	
33 3/8"	33 3/8"	33 3/8"	33 3/8"	33 3/8"	33 3/8"	33 3/8"	33 3/8"	33 3/8"	33 3/8"	

Table of Woodwright® Springline™ Single-Hung Window Sizes

Scale $\frac{1}{8}$ " = 1'-0" (1:96)

Custom-size windows
are available in 1/8"
increments.

Divided light patterns
shown on page 72.

Springline™ windows
only: Rough opening
height is the same
as the window
dimension height.

Upper sash does not operate and lower sash travel is limited by the radius of the upper sash. Contact your Andersen supplier for cottage and reverse cottage sash availability.

**Side-by-side joining
is not recommended.**

- "Window Dimension" always refers to outside frame to frame dimension.
- **"Minimum Rough Opening" dimensions may need to be increased to allow for use of building wraps, flashing, sill panning, brackets, fasteners or other items. See installation information on page 33.**

◊ Meet or exceed clear opening area of 5.7 sq. ft., clear opening width of 20" and clear opening height of 24". See tables on pages 67-69.

WOODWRIGHT® DOUBLE-HUNG FULL-FRAME WINDOWS

Table of Woodwright® Archtop Double-Hung Window Sizes

Scale $1/8"$ = $1'-0"$ (1:96)

Window Dimension

1'-9 5/8"	2'-1 5/8"	2'-5 5/8"	2'-7 5/8"	2'-9 5/8"	2'-11 5/8"	3'-1 5/8"	3'-5 5/8"	3'-9 5/8"
1'-10 1/8"	2'-2 1/8"	2'-6 1/8"	2'-8 1/8"	2'-10 1/8"	3'-0 1/8"	3'-2 1/8"	3'-6 1/8"	3'-10 1/8"

Minimum Rough Opening

Unobstructed Glass
(lower sash only)

CUSTOM WIDTHS - 1'-9 5/8" to 3'-9 5/8"

Radius 21 5/8", 25 5/8", 29 5/8", 31 5/8", 33 5/8", 35 5/8", 37 5/8", 41 5/8", 45 5/8"

Chord Height 2 15/16", 3 7/16", 4", 4 1/4", 4 1/2", 4 13/16", 5 1/16", 5 9/16", 6 1/8"

Shoulder Height 2'-9 15/16", 3'-1 15/16", 3'-5 15/16", 3'-9 15/16", 3'-13 15/16", 3'-17 1/2", 3'-21 1/2", 3'-25 1/2", 3'-29 1/2", 3'-33 1/2", 3'-37 1/2", 3'-41 1/2", 3'-45 1/2"

WA18210	WA1832	WA2032	WA2432	WA2632	WA2836	WA28310	WA210310	WA30310	WA34310	WA3842
WA1836	WA2036	WA2436	WA2636	WA2836	WA28310	WA210310	WA30310	WA34310	WA3842	WA3842
WA18310	WA20310	WA24310	WA26310	WA28310	WA28310	WA210310	WA30310	WA34310	WA3842	WA3842
WA1842	WA2042	WA2442	WA2642	WA2842	WA2842	WA210310	WA30310	WA34310	WA3842	WA3842
WA1846	WA2046	WA2446	WA2646	WA2846	WA2846	WA210310	WA30310	WA34310	WA3842	WA3842
WA18410	WA20410	WA24410	WA26410	WA28410	WA28410	WA210310	WA30310	WA34310	WA3842	WA3842
WA1852	WA2052	WA2452	WA2652	WA2852	WA2852	WA210310	WA30310	WA34310	WA3842	WA3842
WA1856	WA2056	WA2456	WA2656	WA2856	WA2856	WA210310	WA30310	WA34310	WA3842	WA3842
WA18510	WA20510	WA24510	WA26510	WA28510	WA28510	WA210310	WA30310	WA34310	WA3842	WA3842
WA1862	WA2062	WA2462	WA2662	WA2862	WA2862	WA210310	WA30310	WA34310	WA3842	WA3842

Notes on the next page also apply to this page.

Side-by-side joining of arch windows is not recommended.

Table of Woodwright® Unequal Leg Arch Double-Hung Window Sizes

Scale $1/8"$ = $1'-0"$ (1:96)

Window Dimension

1'-9 5/8"	2'-1 5/8"	2'-5 5/8"	2'-7 5/8"	2'-9 5/8"	2'-11 5/8"	3'-1 5/8"	3'-5 5/8"	3'-9 5/8"
1'-10 1/8"	2'-2 1/8"	2'-6 1/8"	2'-8 1/8"	2'-10 1/8"	3'-0 1/8"	3'-2 1/8"	3'-6 1/8"	3'-10 1/8"

Minimum Rough Opening

Unobstructed Glass
(lower sash only)

CUSTOM WIDTHS — 1'-9 5/8" to 3'-9 5/8"								
Radius	45 5/8"	45 5/8"	45 5/8"	45 5/8"	45 5/8"	96"	96"	96"
Chord Height	5 7/16"	7 7/8"	10 15/16"	12 3/4"	14 13/16"	6 13/16"	7 11/16"	9 1/2"
3'-8 7/8"	3'-8 7/8"	3'-8 7/8"	3'-8 7/8"	3'-8 7/8"	3'-8 7/8"	96"	96"	96"

4'-0 7/8"	4'-4 7/8"	4'-8 7/8"	4'-10 7/8"	4'-12 7/8"
4'-0 7/8"	4'-4 7/8"	4'-8 7/8"	4'-10 7/8"	4'-12 7/8"
4'-0 7/8"	4'-4 7/8"	4'-8 7/8"	4'-10 7/8"	4'-12 7/8"
4'-0 7/8"	4'-4 7/8"	4'-8 7/8"	4'-10 7/8"	4'-12 7/8"
4'-0 7/8"	4'-4 7/8"	4'-8 7/8"	4'-10 7/8"	4'-12 7/8"

CUSTOM HEIGHTS — 3'-1 5/8" to 6'-4 7/8"								
Shoulder Height	3'-3 7/16"	3'-7 7/16"	3'-11 1/16"	3'-14"	3'-17 1/16"	3'-20"	3'-23 3/16"	3'-26 3/16"
WU1836	WU18310	WU20310	WU1842	WU2042	WU1846	WU2046	WU2446	WU18410
WU18410	WU20410	WU24410	WU1852	WU2052	WU2452	WU26410	WU210410	WU21042
WU1856	WU2056	WU2456	WU1856	WU2056	WU2456	WU2652	WU21052	WU30410
WU1862	WU2062	WU2462	WU2662	WU2856	WU21056	WU21056	WU3056	WU34410
WU2662	WU2856	WU21056	WU21056	WU3056	WU34410	WU3452	WU3852	WU3856
WU3462 ²	WU3462 ²	WU3462 ²	WU3462 ²	WU3462 ²	WU3462 ²	WU3462 ²	WU3862 ²	WU3862 ²

5'-0 7/8"	5'-4 7/8"	5'-8 7/8"	5'-12 7/8"	5'-16 7/8"
5'-0 7/8"	5'-4 7/8"	5'-8 7/8"	5'-12 7/8"	5'-16 7/8"
5'-0 7/8"	5'-4 7/8"	5'-8 7/8"	5'-12 7/8"	5'-16 7/8"
5'-0 7/8"	5'-4 7/8"	5'-8 7/8"	5'-12 7/8"	5'-16 7/8"
5'-0 7/8"	5'-4 7/8"	5'-8 7/8"	5'-12 7/8"	5'-16 7/8"

5'-3 7/16"	5'-7 7/16"	5'-11 7/16"	5'-15 7/16"	5'-19 7/16"
5'-3 7/16"	5'-7 7/16"	5'-11 7/16"	5'-15 7/16"	5'-19 7/16"
5'-3 7/16"	5'-7 7/16"	5'-11 7/16"	5'-15 7/16"	5'-19 7/16"
5'-3 7/16"	5'-7 7/16"	5'-11 7/16"	5'-15 7/16"	5'-19 7/16"
5'-3 7/16"	5'-7 7/16"	5'-11 7/16"	5'-15 7/16"	5'-19 7/16"

5'-6 7/8"	5'-10 7/8"	5'-14 7/8"	5'-18 7/8"	5'-22 7/8"
5'-6 7/8"	5'-10 7/8"	5'-14 7/8"	5'-18 7/8"	5'-22 7/8"
5'-6 7/8"	5'-10 7/8"	5'-14 7/8"	5'-18 7/8"	5'-22 7/8"
5'-6 7/8"	5'-10 7/8"	5'-14 7/8"	5'-18 7/8"	5'-22 7/8"
5'-6 7/8"	5'-10 7/8"	5'-14 7/8"	5'-18 7/8"	5'-22 7/8"

5'-9"	5'-13 1/2"	5'-17 1/2"	5'-21 1/2"	5'-25 1/2"
5'-9"	5'-13 1/2"	5'-17 1/2"	5'-21 1/2"	5'-25 1/2"
5'-9"	5'-13 1/2"	5'-17 1/2"	5'-21 1/2"	5'-25 1/2"
5'-9"	5'-13 1/2"	5'-17 1/2"	5'-21 1/2"	5'-25 1/2"
5'-9"	5'-13 1/2"	5'-17 1/2"	5'-21 1/2"	5'-25 1/2"

5'-11 7/16"	5'-15 7/16"	5'-19 7/16"	5'-23 7/16"	5'-27 7/16"
5'-11 7/16"	5'-15 7/16"	5'-19 7/16"	5'-23 7/16"	5'-27 7/16"
5'-11 7/16"	5'-15 7/16"	5'-19 7/16"	5'-23 7/16"	5'-27 7/16"
5'-11 7/16"	5'-15 7/16"	5'-19 7/16"	5'-23 7/16"	5'-27 7/16"
5'-11 7/16"	5'-15 7/16"	5'-19 7/16"	5'-23 7/16"	5'-27 7/16"

5'-14 7/8"	5'-18 7/8"	5'-22 7/8"	5'-26 7/8"	5'-30 7/8"
5'-14 7/8"	5'-18 7/8"	5'-22 7/8"	5'-26 7/8"	5'-30 7/8"
5'-14 7/8"	5'-18 7/8"	5'-22 7/8"	5'-26 7/8"	5'-30 7/8"
5'-14 7/8"	5'-18 7/8"	5'-22 7/8"	5'-26 7/8"	5'-30 7/8"
5'-14 7/8"	5'-18 7/8"	5'-22 7/8"	5'-26 7/8"	5'-30 7/8"

5'-17 1/2"	5'-21 1/2"	5'-25 1/2"	5'-29 1/2"	5'-33 1/2"
5'-17 1/2"	5'-21 1/2"	5'-25 1/2"	5'-29 1/2"	5'-33 1/2"
5'-17 1/2"	5'-21 1/2"	5'-25 1/2"	5'-29 1/2"	5'-33 1/2"
5'-17 1/2"	5'-21 1/2"	5'-25 1/2"	5'-29 1/2"	5'-33 1/2"
5'-17 1/2"	5'-21 1/2"	5'-25 1/2"	5'-29 1/2"	5'-33 1/2"

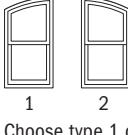
• "Window Dimension" always refers to outside frame to frame dimension.

• "Minimum Rough Opening" dimensions may need to be increased to allow for use of building wraps, flashing, sill panning, brackets, fasteners or other items. See installation information on page 33.

◊ Meet or exceed clear opening area of 5.7 sq. ft., clear opening width of 20" and clear opening height of 24". See tables on pages 69-71.



Custom-size windows are available in $1/8"$ increments.



Choose type 1 or 2 as viewed from the exterior.



Unequal leg and archtop combination.



Joining long legs creates a smooth arc. **Joining short legs is not recommended.**

400 Series
Woodwright® Double-Hung
Full-Frame Windows

WOODWRIGHT® DOUBLE-HUNG FULL-FRAME WINDOWS

Table of Woodwright® Transom Window Sizes

Scale $1/8"$ = $1'-0"$ (1:96)

Window Dimension	1'-9 5/8"	2'-1 5/8"	2'-5 5/8"	2'-7 5/8"	2'-9 5/8"	2'-11 5/8"	3'-1 5/8"	3'-5 5/8"	3'-9 5/8"	3'-11 5/16"
Minimum Rough Opening	1'-10 1/8"	2'-2 1/8"	2'-6 1/8"	2'-8 1/8"	2'-10 1/8"	3'-0 1/8"	3'-2 1/8"	3'-6 1/8"	3'-10 1/8"	3'-11 7/8"
Unobstructed Glass	15 5/8"	19 5/8"	23 5/8"	25 5/8"	27 5/8"	29 5/8"	31 5/8"	35 5/8"	39 5/8"	41 1/4"
CUSTOM WIDTHS – 1' to 6'-3 5/16"										
CUSTOM HEIGHTS – 1' to 3'-3 5/16"	WTR1810	WTR2010	WTR2410	WTR2610	WTR2810	WTR21010	WTR3010	WTR3410	WTR3810	WTR31010
	WTR1815	WTR2015	WTR2415	WTR2615	WTR2815	WTR21015	WTR3015	WTR3415	WTR3815	WTR31015
	WTR1817	WTR2017	WTR2417	WTR2617	WTR2817	WTR21017	WTR3017	WTR3417	WTR3817	WTR31017
	WTR18111	WTR20111	WTR24111	WTR26111	WTR28111	WTR210111	WTR30111	WTR34111	WTR38111	WTR310111
	WTR1821	WTR2021	WTR2421	WTR2621	WTR2821	WTR21021	WTR3021	WTR3421	WTR3821	WTR31021
	WTR1823	WTR2023	WTR2423	WTR2623	WTR2823	WTR21023	WTR3023	WTR3423	WTR3823	WTR31023
	WTR1827	WTR2027	WTR2427	WTR2627	WTR2827	WTR21027	WTR3027	WTR3427	WTR3827	WTR31027
	WTR1831	WTR2031	WTR2431	WTR2631	WTR2831	WTR21031	WTR3031	WTR3431	WTR3831	WTR31031

• "Window Dimension" always refers to outside frame to frame dimension.

• "Minimum Rough Opening" dimensions may need to be increased to allow for use of building wraps, flashing, sill panning, brackets, fasteners or other items. See installation information on page 33.

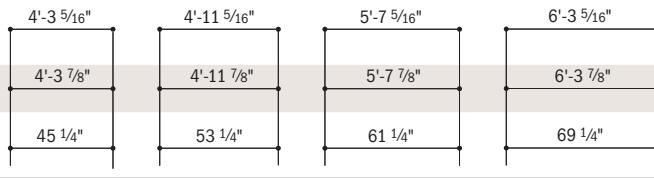
Woodwright® Transom Glass/Window Area

Window Number	Glass Area Sq. Ft.	Overall Window Area Sq. Ft.
WTR1810	0.69	1.80
WTR1815	1.46	2.90
WTR1817	1.66	3.20
WTR18111	2.08	3.80
WTR1821	2.29	4.10
WTR1823	2.50	4.40
WTR1827	2.91	5.00
WTR1831	3.54	5.90
WTR2010	0.88	2.14
WTR2015	1.84	3.44
WTR2017	2.11	3.79
WTR20111	2.63	4.50
WTR2021	2.90	4.86
WTR2023	3.16	5.22
WTR2027	3.69	5.93
WTR2031	4.48	7.00
WTR2410	1.06	2.47
WTR2415	2.23	3.97
WTR2417	2.55	4.38
WTR24111	3.19	5.21

Window Number	Glass Area Sq. Ft.	Overall Window Area Sq. Ft.
WTR2421	3.51	5.62
WTR2423	3.83	6.03
WTR2427	4.47	6.85
WTR2431	5.43	8.09
WTR2810	1.25	2.80
WTR2815	2.62	4.51
WTR2817	2.99	4.98
WTR28111	3.74	5.91
WTR2821	4.12	6.38
WTR2823	4.49	6.84
WTR2827	5.24	7.78
WTR2831	6.37	9.18
WTR3010	1.43	3.14
WTR3015	3.01	5.50
WTR3017	3.44	5.57
WTR30111	4.30	6.61
WTR3021	4.73	7.14
WTR3023	5.16	7.66
WTR3027	6.02	8.70
WTR3031	7.31	10.27

Window Number	Glass Area Sq. Ft.	Overall Window Area Sq. Ft.
WTR3410	1.62	3.47
WTR3415	3.40	5.58
WTR3417	3.88	6.16
WTR34111	4.85	7.32
WTR3421	5.34	7.89
WTR3423	5.83	8.47
WTR3427	6.80	9.63
WTR3431	8.26	11.36
WTR3810	1.80	3.80
WTR3815	3.78	6.12
WTR3817	4.32	6.75
WTR38111	5.41	8.02
WTR3821	5.95	8.65
WTR3823	6.49	9.29
WTR3827	7.57	10.55
WTR3831	9.20	12.46
WTR31010	1.96	3.94
WTR31015	4.06	6.35
WTR31017	4.64	7.00
WTR310111	5.78	8.32

continued on next page



Custom-size windows are available in $\frac{1}{8}$ " increments.



Divided light patterns shown on page 72.

- "Window Dimension" always refers to outside frame to frame dimension.
- "Minimum Rough Opening" dimensions may need to be increased to allow for use of building wraps, flashing, sill panning, brackets, fasteners or other items. See installation information on page 33.

Woodwright® Transom Glass/Window Area (continued)

Window Number	Glass Area Sq. Ft.	Overall Window Area Sq. Ft.
WTR31021	6.36	8.97
WTR31023	6.93	9.63
WTR31027	8.08	10.64
WTR31031	9.08	12.92
WTR4210	2.15	4.28
WTR4215	4.46	6.88
WTR4217	5.08	7.59
WTR42111	6.34	9.02
WTR4221	6.97	9.73
WTR4223	7.60	10.44
WTR4227	8.86	11.87
WTR4231	10.75	14.01
WTR41010	2.53	4.94
WTR41015	5.24	7.95
WTR41017	5.98	8.78
WTR410111	7.46	10.43
WTR41021	8.20	11.25
WTR41023	8.94	12.07
WTR41027	10.42	13.72
WTR41031	12.65	16.19

Window Number	Glass Area Sq. Ft.	Overall Window Area Sq. Ft.
WTR5610	2.91	5.61
WTR5615	6.03	9.03
WTR5617	6.88	9.96
WTR56111	8.58	11.83
WTR5621	9.43	12.77
WTR5623	10.29	13.70
WTR5627	11.99	15.57
WTR5631	14.54	18.38
WTR6210	3.30	6.28
WTR6215	6.81	10.10
WTR6217	7.78	11.15
WTR62111	9.70	13.24
WTR6221	10.67	14.28
WTR6223	11.63	15.33
WTR6227	13.55	17.42
WTR6231	16.44	20.56

WOODWRIGHT® DOUBLE-HUNG FULL-FRAME WINDOWS

Table of Woodwright® Picture Window Sizes

Scale $1\frac{1}{8}$ " = 1'-0" (1:96)

Window Dimension	1'-0"	3'-1 5/8"	3'-5 5/8"	3'-11 5/16"	4'-3 5/16"	4'-11 5/16"	5'-7 5/16"
Minimum Rough Opening	1'-0 1/2"	3'-2 1/8"	3'-6 1/8"	3'-11 7/8"	4'-3 7/8"	4'-11 7/8"	5'-7 7/8"
Unobstructed Glass	6"	31 5/8"	35 5/8"	41 1/4"	45 1/4"	53 1/4"	61 1/4"



Custom-size windows are available in $1/8$ " increments.

CUSTOM WIDTHS – 1' to 5'-7 5/16"							
	4'-0 7/8"	4'-0 7/8"	4'-0 7/8"	4'-0 7/8"	4'-0 7/8"	4'-0 7/8"	4'-0 7/8"
WPW10310	WPW30310	WPW34310	WPW310310	WPW42310	WPW410310	WPW56310	
WPW1042	WPW3042	WPW3442	WPW31042	WPW4242	WPW41042	WPW5642	
WPW1046	WPW3046	WPW3446	WPW31046	WPW4246	WPW41046	WPW5646	
WPW10410	WPW30410	WPW34410	WPW310410	WPW42410	WPW410410	WPW56410	
WPW1052	WPW3052	WPW3452	WPW31052	WPW4252	WPW41052	WPW5652	
WPW1056	WPW3056	WPW3456	WPW31056	WPW4256	WPW41056	WPW5656	
WPW10510	WPW30510	WPW34510	WPW310510	WPW42510	WPW410510	WPW56510	
WPW1062	WPW3062	WPW3462	WPW31062	WPW4262	WPW41062	WPW5662	

Divided light patterns

shown on page 72.

• "Window Dimension" always refers to outside frame to frame dimension.

• "Minimum Rough Opening" dimensions may need to be increased to allow for use of building wraps, flashing, sill panelling, brackets, fasteners or other items. See installation information on page 33.

Woodwright® Double-Hung Window Opening Specifications

Window Number	Clear Opening Sq. Ft.	Clear Opening in Full Open Position	Width Inches	Height Inches	Glass Area Sq. Ft.	Vent Sq. Ft.	Top of Subfloor to Top of Inside Sill Stop Inches	Overall Window Area Sq. Ft.
WDH18210	1.77	17 7/8"	14 1/4"	2.90	1.78	48 1/2"	5.53	
WDH1832	2.02	17 7/8"	16 1/4"	3.32	2.03	44 1/2"	6.14	
WDH1836	2.26	17 7/8"	18 1/4"	3.74	2.28	40 1/2"	6.74	
WDH18310	2.51	17 7/8"	20 1/4"	4.15	2.53	36 1/2"	7.34	
WDH1842	2.76	17 7/8"	22 1/4"	4.57	2.78	32 1/2"	7.94	
WDH1846	3.01	17 7/8"	24 1/4"	4.98	3.02	28 1/2"	8.54	
WDH18410	3.26	17 7/8"	26 1/4"	5.40	3.27	24 1/2"	9.14	
WDH1852	3.51	17 7/8"	28 1/4"	5.81	3.52	20 1/2"	9.74	
WDH1856	3.76	17 7/8"	30 1/4"	6.23	3.02	16 1/2"	10.34	
WDH18510	4.00	17 7/8"	32 1/4"	6.65	4.02	12 1/2"	10.94	
WDH1862	4.25	17 7/8"	34 1/4"	7.06	4.26	8 1/2"	11.54	
WDH20210	2.16	21 7/8"	14 1/4"	3.68	2.18	48 1/2"	6.56	
WDH2032	2.47	21 7/8"	16 1/4"	4.21	2.48	44 1/2"	7.27	
WDH2036	2.77	21 7/8"	18 1/4"	4.73	2.79	40 1/2"	7.98	
WDH20310	3.07	21 7/8"	20 1/4"	5.26	3.09	36 1/2"	8.69	
WDH2042	3.38	21 7/8"	22 1/4"	5.79	3.40	32 1/2"	9.41	
WDH2046	3.68	21 7/8"	24 1/4"	6.31	3.70	28 1/2"	10.12	
WDH20410	3.99	21 7/8"	26 1/4"	6.84	4.00	24 1/2"	10.83	
WDH2052	4.29	21 7/8"	28 1/4"	7.37	4.31	20 1/2"	11.54	
WDH2056	4.60	21 7/8"	30 1/4"	7.89	3.70	16 1/2"	12.25	
WDH20510	4.90	21 7/8"	32 1/4"	8.42	4.92	12 1/2"	12.96	
WDH2062	5.20	21 7/8"	34 1/4"	8.95	5.22	8 1/2"	13.68	
WDH24210	2.56	25 7/8"	14 1/4"	4.46	2.58	48 1/2"	7.58	
WDH2432	2.92	25 7/8"	16 1/4"	5.09	2.94	44 1/2"	8.40	
WDH2436	3.28	25 7/8"	18 1/4"	5.73	3.30	40 1/2"	9.23	
WDH24310	3.64	25 7/8"	20 1/4"	6.37	3.66	36 1/2"	10.05	
WDH2442	4.00	25 7/8"	22 1/4"	7.01	4.02	32 1/2"	10.87	
WDH2446	4.36	25 7/8"	24 1/4"	7.65	4.38	28 1/2"	11.70	
WDH24410	4.71	25 7/8"	26 1/4"	8.28	4.74	24 1/2"	12.52	
WDH2452	5.07	25 7/8"	28 1/4"	8.92	5.10	20 1/2"	13.34	
WDH2456	5.44	25 7/8"	30 1/4"	9.56	4.38	16 1/2"	14.17	
WDH24510◊	5.79	25 7/8"	32 1/4"	10.20	5.81	12 1/2"	14.99	
WDH2462◊	6.15	25 7/8"	34 1/4"	10.84	6.17	8 1/2"	15.81	
WDH26210	2.76	27 7/8"	14 1/4"	4.84	2.78	48 1/2"	8.09	
WDH2632	3.14	27 7/8"	16 1/4"	5.54	3.17	44 1/2"	8.97	
WDH2636	3.53	27 7/8"	18 1/4"	6.23	3.55	40 1/2"	9.85	
WDH26310	3.92	27 7/8"	20 1/4"	6.92	3.94	36 1/2"	10.73	
WDH2642	4.30	27 7/8"	22 1/4"	7.62	4.33	32 1/2"	11.61	
WDH2646	4.69	27 7/8"	24 1/4"	8.31	4.71	28 1/2"	12.49	
WDH26410	5.08	27 7/8"	26 1/4"	9.01	5.10	24 1/2"	13.36	
WDH2652	5.47	27 7/8"	28 1/4"	9.70	5.49	20 1/2"	14.24	
WDH2656◊	5.86	27 7/8"	30 1/4"	10.39	4.71	16 1/2"	15.12	
WDH26510◊	6.24	27 7/8"	32 1/4"	11.09	6.26	12 1/2"	16.00	
WDH2662◊	6.63	27 7/8"	34 1/4"	11.78	6.65	8 1/2"	16.88	
WDH28210	2.95	29 7/8"	14 1/4"	5.23	2.98	48 1/2"	8.61	
WDH2832	3.37	29 7/8"	16 1/4"	5.98	3.39	44 1/2"	9.54	
WDH2836	3.78	29 7/8"	18 1/4"	6.73	3.81	40 1/2"	10.47	
WDH28310	4.20	29 7/8"	20 1/4"	7.48	4.22	36 1/2"	11.41	
WDH2842	4.61	29 7/8"	22 1/4"	8.23	4.64	32 1/2"	12.34	
WDH2846	5.03	29 7/8"	24 1/4"	8.98	5.05	28 1/2"	13.28	
WDH28410	5.44	29 7/8"	26 1/4"	9.73	5.47	24 1/2"	14.21	
WDH2852◊	5.86	29 7/8"	28 1/4"	10.48	5.88	20 1/2"	15.14	
WDH2856◊	6.27	29 7/8"	30 1/4"	11.22	5.05	16 1/2"	16.08	
WDH28510◊	6.69	29 7/8"	32 1/4"	11.97	6.71	12 1/2"	17.01	
WDH2862◊	7.10	29 7/8"	34 1/4"	12.72	7.13	8 1/2"	17.95	
WDH210210	3.15	31 7/8"	14 1/4"	5.62	3.18	48 1/2"	9.12	
WDH21032	3.59	31 7/8"	16 1/4"	6.42	3.62	44 1/2"	10.11	
WDH21036	4.04	31 7/8"	18 1/4"	7.23	4.06	40 1/2"	11.10	
WDH210310	4.48	31 7/8"	20 1/4"	8.03	4.51	36 1/2"	12.09	
WDH21042	4.92	31 7/8"	22 1/4"	8.84	4.95	32 1/2"	13.08	
WDH21046	5.36	31 7/8"	24 1/4"	9.64	5.39	28 1/2"	14.07	
WDH210410◊	5.81	31 7/8"	26 1/4"	10.45	5.83	24 1/2"	15.05	

continued on next page

For cottage and reverse cottage opening specifications visit andersenwindows.com.

Select the "For Professionals" tab on the 400 Series Woodwright® double-hung windows product page.

WOODWRIGHT® DOUBLE-HUNG FULL-FRAME WINDOWS

Woodwright® Double-Hung Window Opening Specifications (continued)

Window Number	Clear Opening Sq. Ft.	Clear Opening in Full Open Position		Glass Area Sq. Ft.	Vent Sq. Ft.	Top of Subfloor to Top of Inside Sill Stop Inches	Overall Window Area Sq. Ft.
WDH21052◊	6.25	31 7/8"	28 1/4"	11.25	6.28	20 1/2"	16.04
WDH21056◊	6.70	31 7/8"	30 1/4"	12.06	5.39	16 1/2"	17.03
WDH210510◊	7.14	31 7/8"	34 1/4"	12.86	7.16	12 1/2"	18.02
WDH21062◊	7.58	31 7/8"	34 1/4"	13.67	7.60	8 1/2"	19.01
WDH30210	3.35	33 7/8"	14 1/4"	6.01	3.38	48 1/2"	9.63
WDH3032	3.82	33 7/8"	16 1/4"	6.87	3.85	44 1/2"	10.67
WDH3036	4.29	33 7/8"	18 1/4"	7.73	4.32	40 1/2"	11.72
WDH30310	4.76	33 7/8"	20 1/4"	8.59	4.79	36 1/2"	12.76
WDH3042	5.23	33 7/8"	22 1/4"	9.45	5.26	32 1/2"	13.81
WDH3046◊	5.70	33 7/8"	24 1/4"	10.31	5.73	28 1/2"	14.85
WDH30410◊	6.17	33 7/8"	26 1/4"	11.17	6.20	24 1/2"	15.90
WDH3052◊	6.64	33 7/8"	28 1/4"	12.03	6.67	20 1/2"	16.95
WDH3056◊	7.12	33 7/8"	30 1/4"	12.89	5.73	16 1/2"	17.99
WDH30510◊	7.58	33 7/8"	32 1/4"	13.75	7.61	12 1/2"	19.04
WDH3062◊	8.05	33 7/8"	34 1/4"	14.61	8.08	8 1/2"	20.08
WDH34210	3.74	37 7/8"	14 1/4"	6.79	3.78	48 1/2"	10.65
WDH3432	4.27	37 7/8"	16 1/4"	7.76	4.30	44 1/2"	11.81
WDH3436	4.80	37 7/8"	18 1/4"	8.73	4.83	40 1/2"	12.97
WDH34310	5.32	37 7/8"	20 1/4"	9.70	5.35	36 1/2"	14.12
WDH3442	5.85	37 7/8"	22 1/4"	10.67	5.88	32 1/2"	15.28
WDH3446◊	6.37	37 7/8"	24 1/4"	11.64	6.41	28 1/2"	16.43
WDH34410◊	6.90	37 7/8"	26 1/4"	12.61	6.93	24 1/2"	17.59
WDH3452◊	7.43	37 7/8"	28 1/4"	13.58	7.46	20 1/2"	18.75
WDH3456◊	7.96	37 7/8"	30 1/4"	14.55	6.41	16 1/2"	19.90
WDH34510◊	8.48	37 7/8"	32 1/4"	15.53	8.51	12 1/2"	21.06
WDH3462◊	9.01	37 7/8"	34 1/4"	16.50	9.04	8 1/2"	22.22
WDH38210	4.14	41 7/8"	14 1/4"	7.56	4.17	48 1/2"	11.68
WDH3832	4.72	41 7/8"	16 1/4"	8.64	4.76	44 1/2"	12.94
WDH3836	5.30	41 7/8"	18 1/4"	9.72	5.34	40 1/2"	14.21
WDH38310	5.88	41 7/8"	20 1/4"	10.81	5.92	36 1/2"	15.48
WDH3842	6.47	41 7/8"	22 1/4"	11.89	6.50	32 1/2"	16.75
WDH3846◊	7.05	41 7/8"	24 1/4"	12.97	7.08	28 1/2"	18.01
WDH38410◊	7.63	41 7/8"	26 1/4"	14.05	7.66	24 1/2"	19.28
WDH3852◊	8.21	41 7/8"	28 1/4"	15.14	8.25	20 1/2"	20.55
WDH3856◊	8.80	41 7/8"	30 1/4"	16.22	7.08	16 1/2"	21.62
WDH38510◊	9.37	41 7/8"	32 1/4"	17.30	9.41	12 1/2"	23.08
WDH3862◊	9.96	41 7/8"	34 1/4"	18.38	9.99	8 1/2"	24.35

Woodwright® Springline™ Single-Hung Window Opening Specifications

Window Number	Clear Opening Sq. Ft.	Clear Opening in Full Open Position		Glass Area Sq. Ft.	Vent Sq. Ft.	Top of Subfloor to Top of Inside Sill Stop Inches	Overall Window Area Sq. Ft.
WS2042	1.39	21 7/8"	9 2/16"	5.48	1.39	32 9/16"	8.90
WS2046	1.54	21 7/8"	10 2/16"	5.88	1.54	29 9/16"	9.44
WS20410	1.69	21 7/8"	11 2/16"	6.29	1.69	26 9/16"	9.97
WS2052	1.84	21 7/8"	12 2/16"	6.70	1.84	23 9/16"	10.51
WS2056	2.76	21 7/8"	18 2/16"	7.80	2.76	15 9/16"	11.94
WS20510	2.96	21 7/8"	19 1/2"	8.25	2.96	12 9/16"	12.53
WS2062	3.16	21 7/8"	20 13/16"	8.71	3.16	8 7/8"	13.12
WS2442	1.64	25 7/8"	9 2/16"	6.85	1.64	30 9/16"	10.62
WS2446	1.82	25 7/8"	10 2/16"	7.34	1.82	27 9/16"	11.23
WS24410	2.00	25 7/8"	11 2/16"	7.83	2.00	24 9/16"	11.85
WS2452	2.18	25 7/8"	12 2/16"	8.33	2.18	21 9/16"	12.47
WS2456	3.26	25 7/8"	18 2/16"	9.65	3.26	13 9/16"	14.12
WS24510	3.50	25 7/8"	19 1/2"	10.19	3.50	10 3/16"	14.81
WS2462	3.74	25 7/8"	20 13/16"	10.74	3.74	6 7/8"	15.49
WS2642	1.76	27 7/8"	9 1/8"	7.57	1.76	29 9/16"	11.51
WS2646	1.96	27 7/8"	10 1/8"	8.10	1.96	26 9/16"	12.17
WS26410	2.15	27 7/8"	11 1/8"	8.64	2.15	23 9/16"	12.82
WS2652	2.35	27 7/8"	12 1/8"	9.17	2.35	20 9/16"	13.48
WS2656	3.52	27 7/8"	18 1/8"	10.60	3.52	12 9/16"	15.25

• "Top of Subfloor to Top of Inside Sill Stop" is calculated based upon a structural header height of 6'-10 1/2".
 ◊ Meet or exceed clear opening area of 5.7 sq. ft., clear opening width of 20" and clear opening height of 24".

For cottage and reverse cottage opening specifications visit andersenwindows.com. Select the "For Professionals" tab on the 400 Series Woodwright® double-hung windows product page.

Woodwright® Springline™ Single-Hung Window Opening Specifications (continued)

Window Number	Clear Opening Sq. Ft.	Clear Opening in Full Open Position		Glass Area Sq. Ft.	Vent Sq. Ft.	Top of Subfloor to Top of Inside Sill Stop Inches	Overall Window Area Sq. Ft.
WS26510	3.77	27 7/8"	19 1/2"	11.19	3.77	9 3/16"	15.98
WS2662	4.03	27 7/8"	20 13/16"	11.79	4.03	5 7/8"	16.71
WS2842	1.89	29 7/8"	9 1/8"	8.31	1.89	28 9/16"	12.42
WS2846	2.10	29 7/8"	10 1/8"	8.89	2.10	25 5/16"	13.12
WS28410	2.31	29 7/8"	11 1/8"	9.46	2.31	22 9/16"	13.82
WS2852	2.51	29 7/8"	12 1/8"	10.04	2.51	19 9/16"	14.52
WS2856	3.77	29 7/8"	18 1/8"	11.58	3.77	11 9/16"	16.40
WS28510	4.04	29 7/8"	19 1/2"	12.22	4.04	8 3/16"	17.18
WS2862	4.32	29 7/8"	20 13/16"	12.86	4.32	4 7/8"	17.95
WS21042	2.02	31 7/8"	9 1/8"	9.07	2.02	27 9/16"	13.35
WS21046	2.24	31 7/8"	10 1/8"	9.69	2.24	24 9/16"	14.09
WS210410	2.46	31 7/8"	11 1/8"	10.31	2.46	21 9/16"	14.84
WS21052	2.68	31 7/8"	12 1/8"	10.93	2.68	18 9/16"	15.58
WS21056	4.02	31 7/8"	18 1/8"	12.58	4.02	10 9/16"	17.57
WS210510	4.32	31 7/8"	19 1/2"	13.27	4.32	7 3/16"	18.39
WS21062	4.61	31 7/8"	20 13/16"	13.95	4.61	3 7/8"	19.22
WS3042	2.14	33 7/8"	9 1/8"	9.86	2.14	26 9/16"	14.31
WS3046	2.38	33 7/8"	10 1/8"	10.52	2.38	23 9/16"	15.09
WS30410	2.62	33 7/8"	11 1/8"	11.18	2.62	20 9/16"	15.87
WS3052	2.85	33 7/8"	12 1/8"	11.84	2.85	17 9/16"	16.66
WS3056	4.27	33 7/8"	18 1/8"	13.60	4.27	9 9/16"	18.76
WS30510	4.59	33 7/8"	19 1/2"	14.33	4.59	6 3/16"	19.63
WS3062	4.90	33 7/8"	20 13/16"	15.07	4.90	2 7/8"	20.50
WS3442	2.40	37 7/8"	9 1/8"	11.50	2.40	24 9/16"	16.28
WS3446	2.66	37 7/8"	10 1/8"	12.24	2.66	21 9/16"	17.15
WS34410	2.92	37 7/8"	11 1/8"	12.98	2.92	18 9/16"	18.02
WS3452	3.19	37 7/8"	12 1/8"	13.72	3.19	15 9/16"	18.88
WS3456	4.78	37 7/8"	18 1/8"	15.71	4.78	7 9/16"	21.21
WS34510	5.13	37 7/8"	19 1/2"	16.54	5.13	4 3/16"	22.17
WS3462	5.48	37 7/8"	20 13/16"	17.36	5.48	7/8"	23.13
WS3842	2.65	41 7/8"	9 1/8"	13.22	2.65	22 9/16"	18.34
WS3846	2.94	41 7/8"	10 1/8"	14.04	2.94	19 9/16"	19.29
WS38410	3.23	41 7/8"	11 1/8"	14.87	3.23	16 9/16"	20.24
WS3852	3.52	41 7/8"	12 1/8"	15.69	3.52	13 9/16"	21.19
WS3856	5.28	41 7/8"	18 1/8"	17.91	5.28	5 9/16"	23.74
WS38510	5.67	41 7/8"	19 1/2"	18.82	5.67	2 3/16"	24.80
WS3862	6.06	41 7/8"	20 13/16"	19.74	6.06	-1 1/8"	25.85

Woodwright® Archtop Double-Hung Window Opening Specifications

Window Number	Clear Opening Sq. Ft.	Clear Opening in Full Open Position		Glass Area Sq. Ft.	Vent Sq. Ft.	Top of Subfloor to Top of Inside Sill Stop Inches	Overall Window Area Sq. Ft.
WA18210	1.26	17 7/8"	10 3/16"	2.84	1.61	48 1/2"	5.39
WA1832	1.51	17 7/8"	12 3/16"	3.27	1.85	44 1/2"	5.99
WA1836	1.76	17 7/8"	14 3/16"	3.71	2.10	40 1/2"	6.59
WA18310	2.01	17 7/8"	16 3/16"	4.14	2.35	36 1/2"	7.20
WA1842	2.26	17 7/8"	18 3/16"	4.58	2.60	32 1/2"	7.80
WA1846	2.51	17 7/8"	20 3/16"	5.01	2.85	28 1/2"	8.40
WA18410	2.76	17 7/8"	22 3/16"	5.44	3.10	24 1/2"	9.00
WA1852	3.00	17 7/8"	24 3/16"	5.88	3.35	20 1/2"	9.60
WA1856	3.25	17 7/8"	26 3/16"	6.31	3.59	16 1/2"	10.20
WA18510	3.50	17 7/8"	28 3/16"	6.75	3.84	12 1/2"	10.80
WA1862	3.75	17 7/8"	30 3/16"	7.18	4.09	8 1/2"	11.40
WA2032	1.77	21 7/8"	11 5/8"	4.09	2.24	44 1/2"	7.07
WA2036	2.07	21 7/8"	13 5/8"	4.63	2.55	40 1/2"	7.78
WA20310	2.38	21 7/8"	15 5/8"	5.18	2.85	36 1/2"	8.50
WA2042	2.68	21 7/8"	17 5/8"	5.72	3.15	32 1/2"	9.21
WA2046	2.99	21 7/8"	19 5/8"	6.27	3.46	28 1/2"	9.92
WA20410	3.29	21 7/8"	21 5/8"	6.81	3.76	24 1/2"	10.63
WA2052	3.59	21 7/8"	23 5/8"	7.36	4.07	20 1/2"	11.34
WA2056	3.90	21 7/8"	25 5/8"	7.90	4.37	16 1/2"	12.05

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Woodwright® Picture Glass/Window

Window Number	Glass Area Sq. Ft.	Overall Window Area Sq. Ft.
WPW10310	2.03	4.07
WPW1042	2.22	4.41
WPW1046	2.42	4.74
WPW10410	2.61	5.07
WPW1052	2.81	5.41
WPW1056	3.01	5.74
WPW10510	3.20	6.07
WPW1062	3.40	6.41
WPW30310	9.38	12.77
WPW3042	10.29	13.82
WPW3046	11.19	14.86
WPW30410	12.10	15.91
WPW3052	13.01	16.95
WPW3056	13.92	18.00
WPW30510	14.83	19.04
WPW3062	15.73	20.09
WPW34310	10.53	14.13
WPW3442	11.54	15.28
WPW3446	12.56	16.44
WPW34410	13.58	17.60
WPW3452	14.60	18.75
WPW3456	15.62	19.91
WPW34510	16.64	21.07
WPW3462	17.66	22.22
WPW310310	12.16	16.06
WPW31042	13.33	17.37
WPW31046	14.51	18.69
WPW310410	15.69	20.00
WPW31052	16.87	21.32
WPW31056	18.04	22.63
WPW310510	19.22	23.94
WPW31062	20.40	25.26
WPW42310	13.30	17.42
WPW4246	15.88	20.27
WPW42410	17.17	21.69
WPW4252	18.46	23.12
WPW4256	19.75	24.54
WPW42510	21.03	25.97
WPW4262	22.32	27.39
WPW410310	15.60	20.13
WPW41042	17.11	21.78
WPW41046	18.62	23.43
WPW410410	20.13	25.07
WPW41052	21.64	26.72
WPW41056	23.15	28.37
WPW410510	24.66	30.02
WPW41062	26.17	31.66
WPW56310	17.89	22.85
WPW5642	19.63	24.72
WPW5646	21.36	26.59
WPW56410	23.09	28.46
WPW5652	24.83	30.33
WPW5656	26.56	32.20
WPW56510	28.29	34.07
WPW5662	30.02	35.93

• "Top of Subfloor to Top of Inside Sill Stop" is calculated based upon a structural header height of 6'-10 1/2".

◊ Meet or exceed a clear opening area of 5.7 sq. ft., clear opening width of 20" and clear opening height of 24".

WOODWRIGHT® DOUBLE-HUNG FULL-FRAME WINDOWS

Woodwright® Archtop Double-Hung Window Opening Specifications *(continued)*

Window Number	Clear Opening Sq. Ft.	Clear Opening in Full Open Position		Glass Area Sq. Ft.	Vent Sq. Ft.	Top of Subfloor to Top of Inside Sill Stop Inches	Overall Window Area Sq. Ft.
WA20510	4.20	21 7/8"	27 5/8"	8.45	4.68	12 1/2"	12.77
WA2062	4.51	21 7/8"	29 5/8"	8.99	4.98	8 1/2"	13.48
WA2432	2.00	25 7/8"	11 1/8"	4.89	2.62	44 1/2"	8.14
WA2436	2.36	25 7/8"	13 1/8"	5.55	2.98	40 1/2"	8.96
WA24310	2.72	25 7/8"	15 1/8"	6.21	3.34	36 1/2"	9.79
WA2442	3.08	25 7/8"	17 1/8"	6.86	3.70	32 1/2"	10.61
WA2446	3.44	25 7/8"	19 1/8"	7.52	4.06	28 1/2"	11.43
WA24410	3.80	25 7/8"	21 1/8"	8.17	4.42	24 1/2"	12.26
WA2452	4.16	25 7/8"	23 1/8"	8.83	4.78	20 1/2"	13.08
WA2456	4.51	25 7/8"	25 1/8"	9.49	5.14	16 1/2"	13.90
WA24510	4.87	25 7/8"	27 1/8"	10.14	5.50	12 1/2"	14.72
WA2462	5.23	25 7/8"	29 1/8"	10.80	5.86	8 1/2"	15.55
WA2632	2.10	27 7/8"	10 13/16"	5.29	2.81	44 1/2"	8.67
WA2636	2.49	27 7/8"	12 13/16"	6.00	3.19	40 1/2"	9.55
WA26310	2.88	27 7/8"	14 13/16"	6.72	3.58	36 1/2"	10.43
WA2642	3.26	27 7/8"	16 13/16"	7.43	3.97	32 1/2"	11.31
WA2646	3.65	27 7/8"	18 13/16"	8.14	4.36	28 1/2"	12.18
WA26410	4.04	27 7/8"	20 13/16"	8.85	4.74	24 1/2"	13.06
WA2652	4.42	27 7/8"	22 13/16"	9.56	5.13	20 1/2"	13.94
WA2656	4.81	27 7/8"	24 13/16"	10.28	5.52	16 1/2"	14.82
WA26510	5.20	27 7/8"	26 13/16"	10.99	5.91	12 1/2"	15.70
WA2662	5.59	27 7/8"	28 13/16"	11.70	6.29	8 1/2"	16.58
WA2836	2.61	29 7/8"	12 9/16"	6.46	3.41	40 1/2"	10.13
WA28310	3.03	29 7/8"	14 9/16"	7.22	3.82	36 1/2"	11.07
WA2842	3.44	29 7/8"	16 9/16"	7.99	4.24	32 1/2"	12.00
WA2846	3.86	29 7/8"	18 9/16"	8.76	4.65	28 1/2"	12.94
WA28410	4.27	29 7/8"	20 9/16"	9.53	5.07	24 1/2"	13.87
WA2852	4.69	29 7/8"	22 9/16"	10.29	5.48	20 1/2"	14.80
WA2856	5.10	29 7/8"	24 9/16"	11.06	5.90	16 1/2"	15.74
WA28510	5.52	29 7/8"	26 9/16"	11.83	6.31	12 1/2"	16.67
WA2862 Ø	5.93	29 7/8"	28 9/16"	12.60	6.73	8 1/2"	17.61
WA210310	3.17	31 7/8"	14 5/16"	7.73	4.06	36 1/2"	11.70
WA21042	3.61	31 7/8"	16 5/16"	8.55	4.50	32 1/2"	12.69
WA21046	4.05	31 7/8"	18 5/16"	9.38	4.94	28 1/2"	13.68
WA210410	4.50	31 7/8"	20 5/16"	10.20	5.39	24 1/2"	14.67
WA21052	4.94	31 7/8"	22 5/16"	11.02	5.83	20 1/2"	15.66
WA21056	5.38	31 7/8"	24 5/16"	11.84	6.27	16 1/2"	16.65
WA210510 Ø	5.83	31 7/8"	26 5/16"	12.67	6.72	12 1/2"	17.64
WA21062 Ø	6.27	31 7/8"	28 5/16"	13.49	7.16	8 1/2"	18.63
WA30310	3.30	33 7/8"	14 1/16"	8.23	4.29	36 1/2"	12.34
WA3042	3.78	33 7/8"	16 1/16"	9.11	4.76	32 1/2"	13.38
WA3046	4.25	33 7/8"	18 1/16"	9.99	5.23	28 1/2"	14.43
WA30410	4.72	33 7/8"	20 1/16"	10.87	5.70	24 1/2"	15.47
WA3052	5.19	33 7/8"	22 1/16"	11.75	6.17	20 1/2"	16.52
WA3056	5.66	33 7/8"	24 1/16"	12.62	6.65	16 1/2"	17.56
WA30510 Ø	6.13	33 7/8"	26 1/16"	13.50	7.12	12 1/2"	18.61
WA3062 Ø	6.60	33 7/8"	28 1/16"	14.38	7.59	8 1/2"	19.65
WA34310	3.55	37 7/8"	13 1/2"	9.23	4.75	36 1/2"	13.60
WA3442	4.08	37 7/8"	15 1/2"	10.22	5.28	32 1/2"	14.76
WA3446	4.61	37 7/8"	17 1/2"	11.21	5.81	28 1/2"	15.91
WA34410	5.13	37 7/8"	19 1/2"	12.20	6.33	24 1/2"	17.07
WA3452	5.66	37 7/8"	21 1/2"	13.19	6.86	20 1/2"	18.22
WA3456	6.19	37 7/8"	23 1/2"	14.18	7.38	16 1/2"	19.38
WA34510 Ø	6.71	37 7/8"	25 1/2"	15.17	7.91	12 1/2"	20.54
WA3462 Ø	7.24	37 7/8"	27 1/2"	16.16	8.44	8 1/2"	21.69
WA3842	4.36	41 7/8"	15"	11.32	5.79	32 1/2"	16.12
WA3846	4.94	41 7/8"	17"	12.42	6.37	28 1/2"	17.39
WA38410	5.52	41 7/8"	19"	13.52	6.95	24 1/2"	18.65
WA3852	6.10	41 7/8"	21"	14.62	7.53	20 1/2"	19.92
WA3856	6.68	41 7/8"	23"	15.72	8.11	16 1/2"	21.19
WA38510 Ø	7.26	41 7/8"	25"	16.82	8.70	12 1/2"	22.46
WA3862 Ø	7.85	41 7/8"	27"	17.93	9.28	8 1/2"	23.72

• "Top of Subfloor to Top of Inside Sill Stop" is calculated based upon a structural header height of 6'-10 1/2".

◊ Meet or exceed a clear opening area of 5.7 sq. ft., clear opening width of 20" and clear opening height of 24".

Woodwright® Unequal Leg Arch Double-Hung Window Opening Specifications

Window Number	Clear Opening Sq. Ft.	Clear Opening in Full Open Position		Glass Area Sq. Ft.	Vent Sq. Ft.	Top of Subfloor to Top of Inside Sill Stop Inches	Overall Window Area Sq. Ft.
WU1836	1.44	17 7/8"	11 5/8"	3.59	1.98	40 1/2"	6.47
WU18310	1.69	17 7/8"	13 5/8"	4.02	2.23	36 1/2"	7.07
WU1842	1.94	17 7/8"	15 5/8"	4.46	2.48	32 1/2"	7.67
WU1846	2.19	17 7/8"	17 5/8"	4.89	2.72	28 1/2"	8.27
WU18410	2.44	17 7/8"	19 5/8"	5.32	2.97	24 1/2"	8.87
WU1852	2.68	17 7/8"	21 5/8"	5.76	3.22	20 1/2"	9.47
WU1856	2.93	17 7/8"	23 5/8"	6.19	3.47	16 1/2"	10.07
WU18510	3.18	17 7/8"	25 5/8"	6.63	3.72	12 1/2"	10.67
WU1862	3.43	17 7/8"	27 5/8"	7.06	3.97	8 1/2"	11.28
WU20310	1.71	21 7/8"	11 1/4"	4.95	2.61	36 1/2"	8.24
WU2042	2.02	21 7/8"	13 1/4"	5.50	2.91	32 1/2"	8.96
WU2046	2.32	21 7/8"	15 1/4"	6.04	3.22	28 1/2"	9.67
WU20410	2.62	21 7/8"	17 1/4"	6.59	3.52	24 1/2"	10.38
WU2052	2.93	21 7/8"	19 1/4"	7.13	3.83	20 1/2"	11.09
WU2056	3.23	21 7/8"	21 1/4"	7.68	4.13	16 1/2"	11.80
WU20510	3.54	21 7/8"	23 1/4"	8.22	4.44	12 1/2"	12.51
WU2062	3.84	21 7/8"	25 1/4"	8.77	4.74	8 1/2"	13.23
WU2446	2.21	25 7/8"	12 1/4"	7.12	3.64	28 1/2"	10.99
WU24410	2.57	25 7/8"	14 1/4"	7.78	4.00	24 1/2"	11.81
WU2452	2.93	25 7/8"	16 1/4"	8.44	4.36	20 1/2"	12.63
WU2456E	3.29	25 7/8"	18 1/4"	9.09	4.72	16 1/2"	13.46
WU24510	3.65	25 7/8"	20 1/4"	9.75	5.08	12 1/2"	14.28
WU2462	4.01	25 7/8"	22 1/4"	10.40	5.44	8 1/2"	15.10
WU26410	2.42	27 7/8"	12 1/2"	8.34	4.21	24 1/2"	12.49
WU2652	2.81	27 7/8"	14 1/2"	9.06	4.59	20 1/2"	13.37
WU2656	3.20	27 7/8"	16 1/2"	9.77	4.98	16 1/2"	14.25
WU26510	3.58	27 7/8"	18 1/2"	10.48	5.37	12 1/2"	15.13
WU2662	3.97	27 7/8"	20 1/2"	11.19	5.76	8 1/2"	16.01
WU2852	2.59	29 7/8"	12 1/2"	9.65	4.80	20 1/2"	14.08
WU2856	3.01	29 7/8"	14 1/2"	10.42	5.22	16 1/2"	15.01
WU28510	3.42	29 7/8"	16 1/2"	11.19	5.63	12 1/2"	15.95
WU2862	3.84	29 7/8"	18 1/2"	11.95	6.05	8 1/2"	16.88
WU21042	3.13	31 7/8"	14 1/8"	8.35	4.31	32 1/2"	12.52
WU21046	3.57	31 7/8"	16 1/8"	9.17	4.75	28 1/2"	13.51
WU210410	4.01	31 7/8"	18 1/8"	10.00	5.19	24 1/2"	14.50
WU21052	4.46	31 7/8"	20 1/8"	10.82	5.64	20 1/2"	15.49
WU21056	4.90	31 7/8"	22 1/8"	11.64	6.08	16 1/2"	16.48
WU210510	5.34	31 7/8"	24 1/8"	12.46	6.52	12 1/2"	17.47
WU21062◊	5.78	31 7/8"	26 1/8"	13.29	6.96	8 1/2"	18.46
WU3042	3.13	33 7/8"	13 5/16"	8.86	4.51	32 1/2"	13.15
WU3046	3.60	33 7/8"	15 5/16"	9.73	4.98	28 1/2"	14.20
WU30410	4.07	33 7/8"	17 5/16"	10.61	5.46	24 1/2"	15.24
WU3052	4.54	33 7/8"	19 5/16"	11.49	5.93	20 1/2"	16.29
WU3056	5.02	33 7/8"	21 5/16"	12.37	6.40	16 1/2"	17.33
WU30510	5.49	33 7/8"	23 5/16"	13.25	6.87	12 1/2"	18.38
WU3062◊	5.96	33 7/8"	25 5/16"	14.13	7.34	8 1/2"	19.42
WU34410	4.09	37 7/8"	15 1/2"	11.81	5.95	24 1/2"	16.69
WU3452	4.61	37 7/8"	17 1/2"	12.80	6.47	20 1/2"	17.85
WU3456	5.14	37 7/8"	19 1/2"	13.79	7.00	16 1/2"	19.01
WU34510	5.67	37 7/8"	21 1/2"	14.78	7.53	12 1/2"	20.16
WU3462	6.19	37 7/8"	23 1/2"	15.77	8.05	8 1/2"	21.32
WU3852	4.52	41 7/8"	15 1/2"	14.06	6.97	20 1/2"	19.36
WU3856	5.10	41 7/8"	17 1/2"	15.16	7.55	16 1/2"	20.63
WU38510	5.68	41 7/8"	19 1/2"	16.27	8.13	12 1/2"	21.90
WU3862	6.26	41 7/8"	21 1/2"	17.37	8.71	8 1/2"	23.16

• "Top of Subfloor to Top of Inside Sill Stop" is calculated based upon a structural header height of 6'-10 1/2".

◊ Meet or exceed a clear opening area of 5.7 sq. ft., clear opening width of 20" and clear opening height of 24".

WOODWRIGHT® DOUBLE-HUNG FULL-FRAME WINDOWS

Divided Light Patterns

	Prairie A	6-Light Prairie	Colonial	Renaissance		Prairie A	6-Light Prairie	Colonial	Renaissance
Woodwright® Double-Hung									
Woodwright® Archtop Double-Hung									
Woodwright® Picture									
Woodwright® Transom									

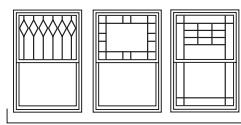
Number of lights and overall pattern varies with window size.

Patterns are not available in all configurations.

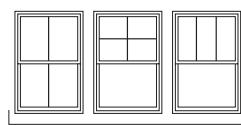
Specified equal light and custom patterns are also available.

For more information on divided light see page 13 or visit

andersenwindows.com/grilles.



Custom Pattern Examples



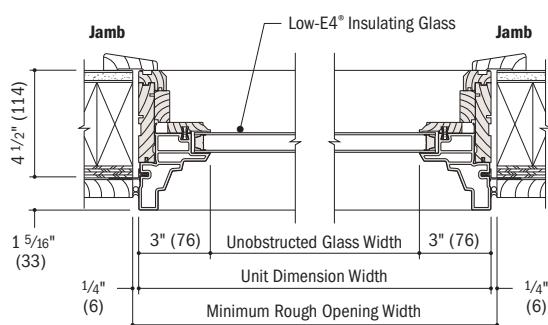
Specified Equal Light Examples

Double-hung and single-hung window patterns are also available in Upper Sash Only (USO) configurations.

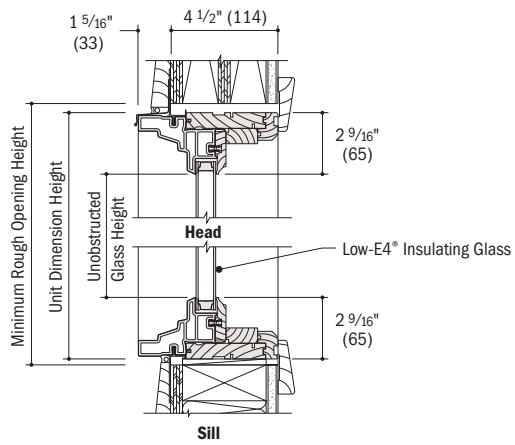
For picture window patterns that require alignment with double-hung patterns, identify the double-hung sash style (equal, cottage, reverse cottage) when ordering.

Woodwright® Transom Window Details

Scale $1\frac{1}{2}'' = 1'-0''$ (1:8)



Horizontal Section

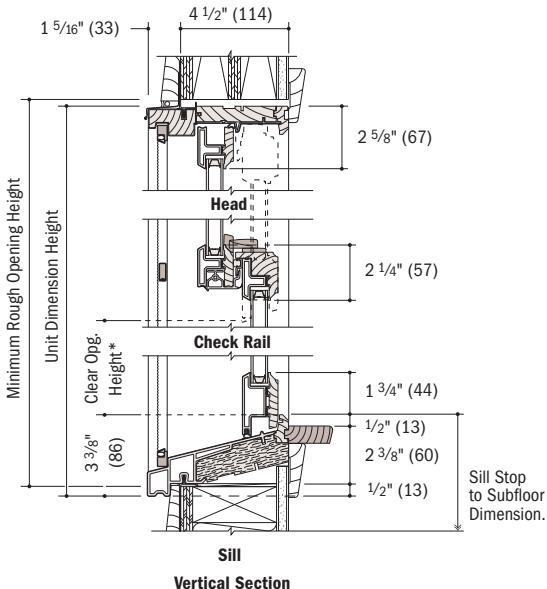
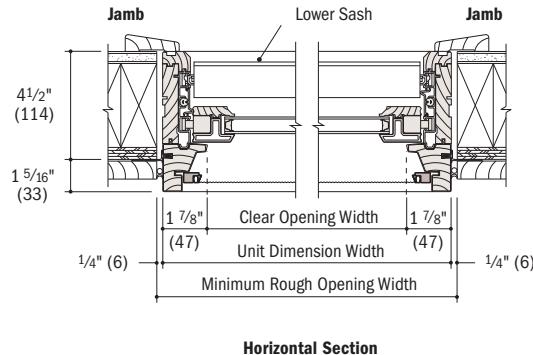


Vertical Section

- $4\frac{9}{16}''$ jamb width measurement is from backside of installation flange.
- Light-colored areas are parts included with window. Dark-colored areas are additional Andersen® parts required to complete window assembly as shown.
- **Rough openings may need to be increased to allow for use of building wraps, flashing, sill panning, brackets, fasteners or other items. See installation information on page 33.**
- Details are for illustration only and are not intended to represent product installation methods or materials. Refer to product installation guides at andersenwindows.com.

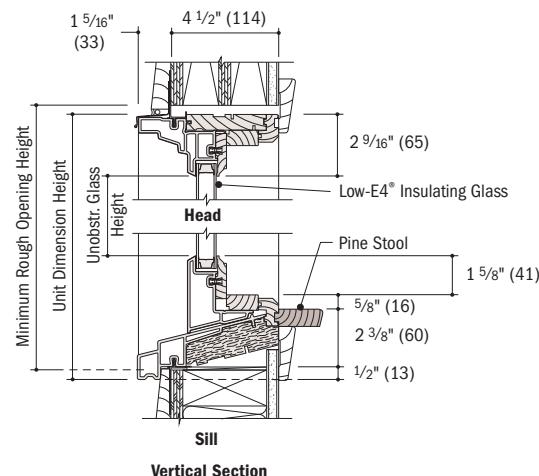
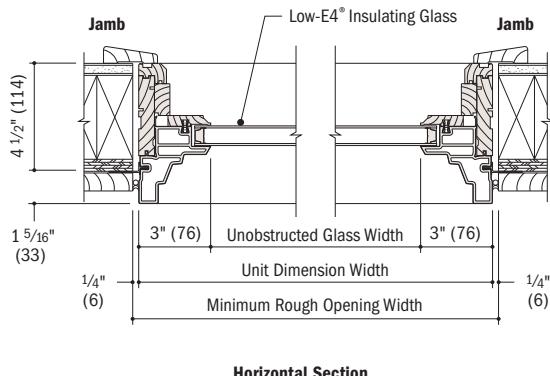
Woodwright® Double-Hung Window Details

Scale $1\frac{1}{2}''$ = 1'-0" (1:8)



Woodwright® Picture Window Details

Scale $1\frac{1}{2}''$ = 1'-0" (1:8)



* Clear opening height dimension is less on archtop, unequal leg arch and Springline™ windows.

• 4 9/16" jamb width measurement is from backside of installation flange.

• Light-colored areas are parts included with window. Dark-colored areas are additional Andersen® parts required to complete window assembly as shown.

• **Rough openings may need to be increased to allow for use of building wraps, flashing, sill panning, brackets, fasteners or other items. See installation information on page 33.**

• Details are for illustration only and are not intended to represent product installation methods or materials. Refer to product installation guides at andersenwindows.com.

WOODWRIGHT® DOUBLE-HUNG FULL-FRAME WINDOWS

Horizontal (stack) Non-Reinforced Joining Detail

Scale $1\frac{1}{2}'' = 1'-0''$ (1:8)

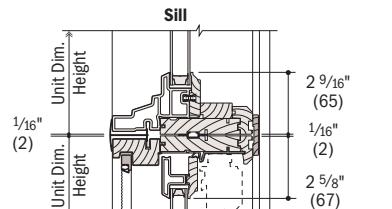
Overall Window Dimension Height

Sum of individual window heights plus

$\frac{1}{16}''$ for each join.

Overall Rough Opening Height

Overall window dimension height plus $\frac{1}{2}''$.

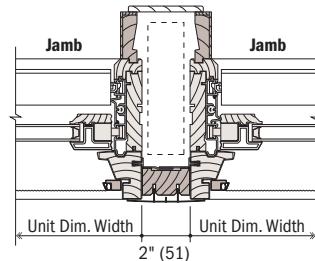


Woodwright® Transom (WTR) over Woodwright Double-Hung

Separate Rough Opening Detail

Scale $1\frac{1}{2}'' = 1'-0''$ (1:8)

To meet structural requirements or to achieve a wider joined appearance, windows may be installed into separate rough openings having vertical support (by others) in combination with Andersen® exterior filler and exterior vinyl trim.



Horizontal Section
Woodwright® Double-Hung and Woodwright Double-Hung

Vertical (ribbon) Non-Reinforced Joining Detail

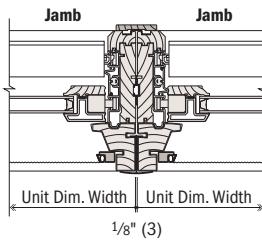
Scale $1\frac{1}{2}'' = 1'-0''$ (1:8)

Overall Window Dimension Width

Sum of individual window widths plus $\frac{1}{8}''$ for each join.

Overall Rough Opening Width

Overall window dimension width plus $\frac{1}{2}''$.



Horizontal Section
Woodwright® Double-Hung to Woodwright Double-Hung

For more joining information see the combination

design section starting on page 259.

- Light-colored areas are parts included with window. Dark-colored areas are additional Andersen® parts required to complete window assembly as shown.
- Rough openings may need to be increased to allow for use of building wraps, flashing, sill panning, brackets, fasteners or other items. See installation information on page 33.**
- Details are for illustration only and are not intended to represent product installation methods or materials. Refer to product installation guides at andersenwindows.com.
- Consult with an architect or structural engineer regarding minimum requirements for structural support members between adjacent rough openings.