

# FRENCHWOOD® HINGED PATIO DOORS – INSWING

**CUSTOM SIZING**  
in 1/8" (3) increments



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Dimensions in parentheses are in millimeters.



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400 Series  
Frenchwood® Hinged  
Patio Doors – Inswing

# FRENCHWOOD® HINGED PATIO DOORS — INSWING

## FEATURES

### Frame

**A** The sill is made with three-piece construction. The subsill is made of Fibrex® material, and the sill step is solid oak. The exterior sill member is made of extruded aluminum with an attractive wear-resistant, heat-baked finish in a neutral color. This combination of materials combines durability and low maintenance with excellent insulating characteristics.

**B** All basic exterior frame members are fiberglass reinforced composite, which maintains an attractive appearance while minimizing maintenance.

**C** The exterior frame members are attached to a water-repellent preservative-treated wood subframe for long-lasting\* protection and performance. The subframe is grooved to accept extension jams.

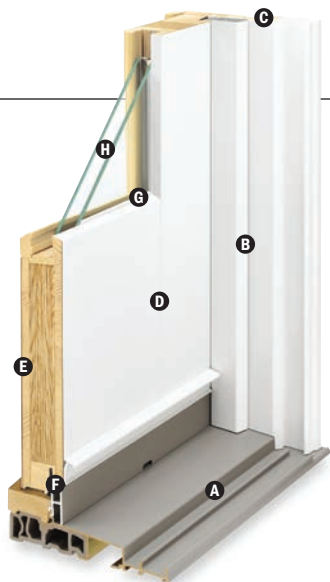
### Panel

**D** The exterior of the wood door panel is protected with a long-lasting\* urethane base finish in White, Sandtone, Terratone or Forest Green color.

**E** Panel interior surfaces are unfinished pine veneer. Unfinished oak and maple veneers are available as options. Low-maintenance prefinished White interiors are also available.

Hinged inswing operating panels are left-hand active, right-hand active or two-panel active/passive jamb hinged.

**F** A factory-applied, one-piece compression-type rubber weatherstrip continues in one plane around the panel to provide maximum effectiveness against water and air infiltration. The corners of the weatherstrip are welded to eliminate gaps between the panel and the frame/sill shoulder.



### Mortise-and-Tenon Joints



Mortise-and-tenon joints prevent panel sag and maintain smooth operation.

### Adjustable Hinges

Adjustable hinges are standard on inswing patio doors and have ball-bearing pivots for smooth, frictionless movement. Features easy horizontal and vertical adjustment, plus quick-release feature for easy panel removal. This release feature is ideal for transporting large units up stairs or to other hard-to-reach areas.



Shown in Gold Dust finish.

Gold dust finish is standard on wood interior doors. For units with a prefinished White interior, white finish hinges are standard. Also available in finishes that coordinate with hardware.

### Glass

**G** Panels are silicone bed glazed and finished with an interior wood stop.

**H** High-performance glass options include:

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

Additional glass options are available. Contact your Andersen supplier.

A removable translucent film helps shield the glass from damage during delivery and construction and simplifies finishing at the jobsite.

### Patterned Glass

Patterned glass options are available. See page 10 for more details.

### Hardware

#### Multi-Point Locking System



The multi-point locking system, with a hook bolt above and below the center dead bolt, provides a weathertight seal and enhanced security.

## EXTERIOR



White Sandtone



Terratone Forest Green

## INTERIOR



Pine White

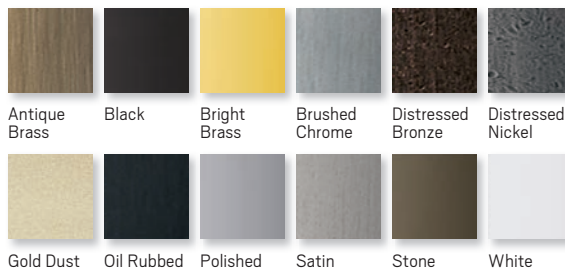


Maple Oak

Prefinished White interiors are only available on units with White exteriors.

Naturally occurring variations in grain, color and texture of wood make each door one-of-a-kind. All wood interiors are unfinished unless prefinished White is specified.

## HARDWARE FINISHES



Distressed bronze and oil rubbed bronze are "living" finishes that will change with time and use.

## HINGED PATIO DOOR HARDWARE OPTIONS\*\* Bold name denotes finish shown.



YUMA®

Distressed Bronze  
**Distressed Nickel**



ENCINO®

**Distressed Bronze**  
Distressed Nickel



ANVERS®

Bright Brass  
Oil Rubbed Bronze  
**Satin Nickel**



NEWBURY®

Antique Brass  
Bright Brass  
Brushed Chrome  
**Oil Rubbed Bronze**  
Polished Chrome  
Satin Nickel



COVINGTON™

Antique Brass  
**Bright Brass**  
Oil Rubbed Bronze



WHITMORE®

**Antique Brass**  
Bright Brass  
Oil Rubbed Bronze  
Satin Nickel



ALBANY

Black  
**Gold Dust**  
Stone  
White



TRIBECA®

Stone  
**White**

\* Visit [andersenwindows.com/warranty](http://andersenwindows.com/warranty) or see your Andersen supplier for details on the 400 Series Limited Warranty.

\*\* Hardware sold separately.

Dimensions in parentheses are in millimeters.

Printing limitations prevent exact duplication of colors and finishes. See your Andersen supplier for actual color and finish samples.

Tribeca and Albany hardware are zinc diecast with powder-coated durable finish. Other hardware is solid forged brass. Mix-and-match interior and exterior style and finish options are available. Bright brass and satin nickel finishes feature a 10-year limited warranty.



## ACCESSORIES Sold Separately

### Frame

#### Interior Extension Jamb

Standard jamb depth is 4 9/16" (116). Pine, oak or maple veneer or prefinished White extension jambs are available in 1/16" (1.5) increments between 5 1/16" (129) and 7 1/8" (181). Interior extension jambs on inswing units will restrict the full opening of door.

Bright brass, antique brass, polished chrome, oil rubbed bronze, brushed chrome and satin nickel strike plate extensions are available for two-panel astragal hinged and single-hinge doors.

#### Exterior Extension Jamb

Exterior extension jamb system is available for the following wall thicknesses:

- 5 1/4" (133)
- 6 9/16" (167)
- 7 1/8" (181)

In walls over 4 1/2" (114), the exterior sill extender and exterior extension jamb system allow the unit to be installed flush to the interior, so the hinged doors will open flat against the interior wall. Colored to match the exterior of the finished unit, this system provides a low-maintenance, finished exterior appearance. An extended double-insect screen track is available for jamb-hinged doors that require gliding insect screens. Exterior jamb kits are available with or without the double-insect screen track.

#### Threshold



An oak or maple threshold is available for finishing the interior of the sill.

#### Sill Support

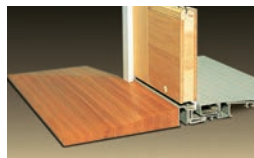


An aluminum sill support is designed to lock into a channel under the sill and tie back into the wall. This will offer support to the outermost sill section when needed. Available in neutral gray finish.

For more information about **glass**, **patterned glass**, **art glass** and **grilles** see pages 10-17.

For more information about **combination designs**, **product performance**, **installation accessories** and **warranty** see pages 255-291.

### Ramped Sill Insert



Ramped sills provide smooth transition from interior to exterior. Shown here with an Andersen® Frenchwood® patio door. It cannot be used with hinged or gliding insect screens. (Specifier must check with local and federal officials to determine if product meets accessibility codes.)

### Hardware

#### Exterior Keyed Lock



A six-pin key cylinder lock is available in styles and finishes that coordinate with hardware. This lock allows the hinged patio door to be locked and unlocked from the exterior.

#### Handle Extension



Extends interior door handle an additional 1" (25) from the door panel to accommodate interior blinds or shades. Kit includes

one handle extender and spindle. A second extender may be added to the spindle to increase the length an additional 1" (25) to a 2" (51) total extension. Extenders are available in finishes that coordinate with hardware.

#### Strike Plate Extensions

Bright brass, antique brass, polished chrome, oil rubbed bronze, brushed chrome and satin nickel strike plate extensions are available for single-hinge doors.

Available for the following wall thicknesses:

- 5 1/4" (133)
- 6 9/16" (167)
- 7 1/8" (181)

#### Construction Lock



This hardware can be used on all Andersen hinged doors to help secure the jobsite during the construction phase of the project. It features an undersized escutcheon plate, which makes on-site finishing easier.

### Panel Stop

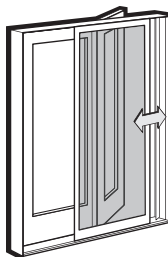


This hinged door panel stop helps prevent wall damage when opening the inswing door. Available in finishes that coordinate with hardware.

### Insect Screens

All insect screens have a long-lasting\* fiberglass screen mesh with a charcoal finish and are color matched to the exterior of the door unless otherwise specified.

#### Gliding Insect Screen



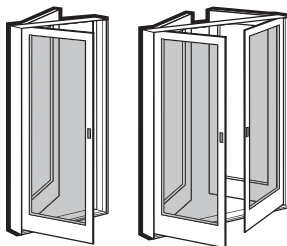
Available for all two- and three-panel doors. Features Delrin® material injection molded bottom rollers with self-contained leveling adjusters. A double-insect screen track kit and two universal gliding insect screens are required for installation. Gliding insect screens are not available for 4'-0" (1219) wide doors.

#### Double-Insect Screen Track



An extended insect screen track is available for jamb-hinged doors that use gliding insect screens.

#### Hinged Insect Screens



Available for single-panel hinged doors and two-panel jamb-hinged doors.

### Glass

#### Andersen® Art Glass

Andersen art glass panels come in a variety of original patterns, including four *Frank Lloyd Wright® Series* designs. See pages 213-214 for details on Andersen art glass. Visit [andersenwindows.com/artglass](http://andersenwindows.com/artglass) for details and pattern information.

### Grilles

Grilles are available in a variety of configurations and widths. For patio door grille patterns see page 159.

### Sidelights & Transoms



Sidelights and transoms are available for all Frenchwood hinged patio doors. See pages 171-174 for details.

### Exterior Trim

This product is available with Andersen® Exterior Trim. See pages 215-220 for details.

#### CAUTION:

- Painting and staining may cause damage to rigid vinyl.
- 400 Series windows in Terratone color may be painted any color lighter than Terratone color using quality oil-base or latex paint. Submit color samples to Andersen for approval when painting Terratone any color darker than Terratone.
- Do not paint 400 Series windows with White, Sandtone or Forest Green exterior colors.
- 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 or performance of homeowner-applied paint over vinyl or other factory-coated surfaces.

\* Visit [andersenwindows.com/warranty](http://andersenwindows.com/warranty) or contact your Andersen supplier for details on the 400 Series Limited Warranty.

NOTE: Andersen® patio doors are not intended for use as entrance doors.

Dimensions in parentheses are in millimeters.

"Delrin" is a registered trademark of E.I. du Pont de Nemours and Company.

"Frank Lloyd Wright" is a registered trademark of the Frank Lloyd Wright Foundation.

# FRENCHWOOD® HINGED PATIO DOORS — INSWING

**Table of Frenchwood® Hinged Inswing Patio Door Sizes**

Scale 1/8" (3) = 1'-0" (305) – 1:96

Door Dimension	2'-0 1/2" (620)			4'-0" (1219)	4'-0" (1219)			
Minimum Rough Opening	2'-1" (634)			4'-1" (1242)	4'-1" (1242)			
Unobstructed Glass (single panel only)	13 1/4" (336)			13 1/4" (336)	13 1/4" (336)			
3 heights								
	<b>1</b> FWH2168S <b>2</b> FWH21611S <b>3</b> FWH2180S			<b>FWH4168APLR</b> <b>FWH41611APLR</b> <b>FWH4180APLR</b>	<b>FWH4168PALR</b> <b>FWH41611PALR</b> <b>FWH4180PALR</b>			
Door Dimension	2'-6 1/8" (765)	2'-6 1/8" (765)	2'-6 1/8" (765)	4'-11 1/4" (1504)	4'-11 1/4" (1504)	4'-11 1/4" (1504)	4'-11 1/4" (1504)	4'-11 1/4" (1504)
Minimum Rough Opening	2'-7" (787)	2'-7" (787)	2'-7" (787)	5'-0" (1524)	5'-0" (1524)	5'-0" (1524)	5'-0" (1524)	5'-0" (1524)
Unobstructed Glass (single panel only)	18 7/8" (479)	18 7/8" (479)	18 7/8" (479)	18 7/8" (479)	18 7/8" (479)	18 7/8" (479)	18 7/8" (479)	18 7/8" (479)
3 heights								
	<b>1</b> FWH2768S <b>2</b> FWH27611S <b>3</b> FWH2780S	<b>FWH2768AR</b> <b>FWH27611AR</b> <b>FWH2780AR</b>	<b>FWH2768AL</b> <b>FWH27611AL</b> <b>FWH2780AL</b>	<b>FWH5068SS</b> <b>FWH50611SS</b> <b>FWH5080SS</b>	<b>FWH5068ASR</b> <b>FWH50611ASR</b> <b>FWH5080ASR</b>	<b>FWH5068SAL</b> <b>FWH50611SAL</b> <b>FWH5080SAL</b>	<b>FWH5068APLR</b> <b>FWH50611APLR</b> <b>FWH5080APLR</b>	<b>FWH5068PALR</b> <b>FWH50611PALR</b> <b>FWH5080PALR</b>
Door Dimension	2'-8 1/8" (816)	2'-8 1/8" (816)	2'-8 1/8" (816)	5'-3 1/4" (1607)	5'-3 1/4" (1607)	5'-3 1/4" (1607)	5'-3 1/4" (1607)	5'-3 1/4" (1607)
Minimum Rough Opening	2'-9" (838)	2'-9" (838)	2'-9" (838)	5'-4" (1626)	5'-4" (1626)	5'-4" (1626)	5'-4" (1626)	5'-4" (1626)
Unobstructed Glass (single panel only)	20 7/8" (530)	20 7/8" (530)	20 7/8" (530)	20 7/8" (530)	20 7/8" (530)	20 7/8" (530)	20 7/8" (530)	20 7/8" (530)
3 heights								
	<b>1</b> FWH2968S <b>2</b> FWH29611S <b>3</b> FWH2980S	<b>FWH2968AR</b> <b>FWH29611AR</b> <b>FWH2980AR</b>	<b>FWH2968AL</b> <b>FWH29611AL</b> <b>FWH2980AL</b>	<b>FWH5468SS</b> <b>FWH54611SS</b> <b>FWH5480SS</b>	<b>FWH5468ASR</b> <b>FWH54611ASR</b> <b>FWH5480ASR</b>	<b>FWH5468SAL</b> <b>FWH54611SAL</b> <b>FWH5480SAL</b>	<b>FWH5468APLR</b> <b>FWH54611APLR</b> <b>FWH5480APLR</b>	<b>FWH5468PALR</b> <b>FWH54611PALR</b> <b>FWH5480PALR</b>
Door Dimension	3'-0 1/8" (918)	3'-0 1/8" (918)	3'-0 1/8" (918)	5'-11 1/4" (1810)	5'-11 1/4" (1810)	5'-11 1/4" (1810)	5'-11 1/4" (1810)	5'-11 1/4" (1810)
Minimum Rough Opening	3'-1" (940)	3'-1" (940)	3'-1" (940)	6'-0" (1829)	6'-0" (1829)	6'-0" (1829)	6'-0" (1829)	6'-0" (1829)
Unobstructed Glass (single panel only)	24 7/8" (632)	24 7/8" (632)	24 7/8" (632)	24 7/8" (632)	24 7/8" (632)	24 7/8" (632)	24 7/8" (632)	24 7/8" (632)
3 heights								
	<b>1</b> FWH3168S <b>2</b> FWH31611S <b>3</b> FWH3180S	<b>FWH3168AR</b> <b>FWH31611AR</b> <b>FWH3180AR</b>	<b>FWH3168AL</b> <b>FWH31611AL</b> <b>FWH3180AL</b>	<b>FWH6068SS</b> <b>FWH60611SS</b> <b>FWH6080SS</b>	<b>FWH6068ASR</b> <b>FWH60611ASR</b> <b>FWH6080ASR</b>	<b>FWH6068SAL</b> <b>FWH60611SAL</b> <b>FWH6080SAL</b>	<b>FWH6068APLR</b> <b>FWH60611APLR</b> <b>FWH6080APLR</b>	<b>FWH6068PALR</b> <b>FWH60611PALR</b> <b>FWH6080PALR</b>



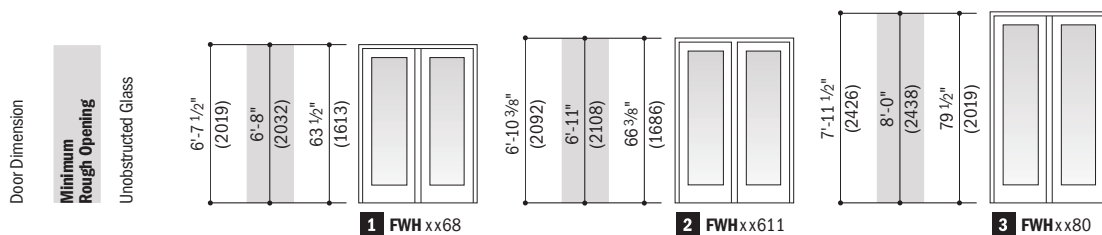
Custom-size doors are available in 1/8" (3) increments. See page 159 for custom sizes and specifications.

Stationary (S) doors can be used as an individual unit or as a sidelight.

Grille patterns shown on page 159.

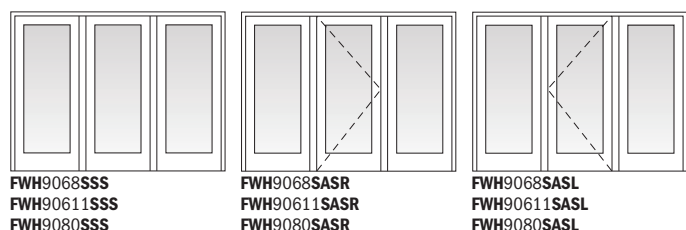
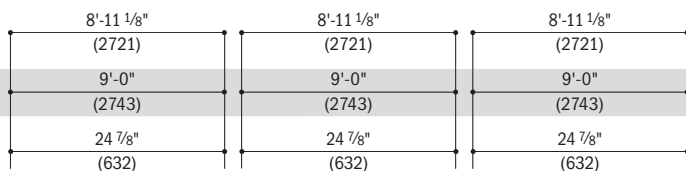
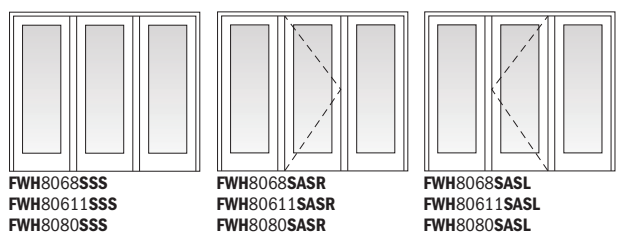
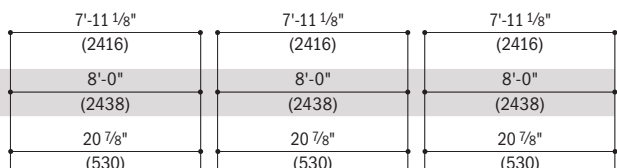
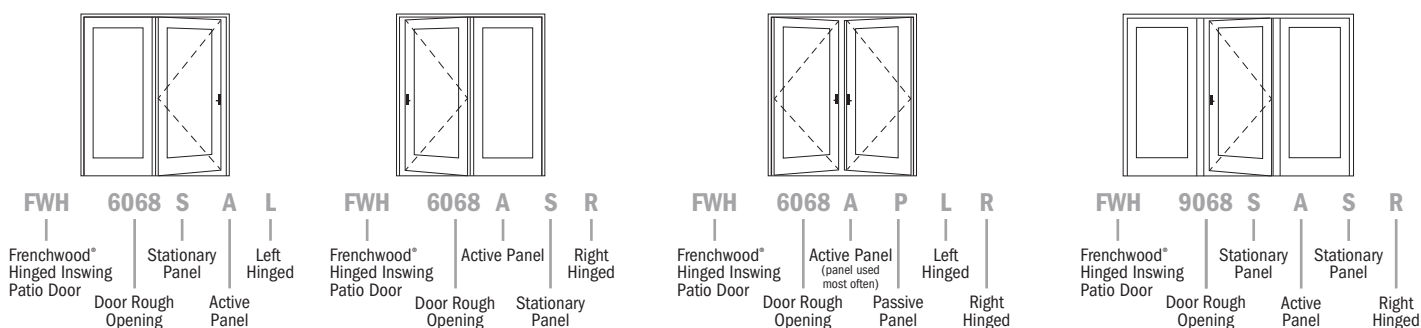
- "Door Dimension" always refers to outside frame to frame dimension.
- "Minimum Rough Opening" dimensions may need to be increased to allow for use of building wraps, flashing, sill panning, brackets, fasteners or other items. See pages 288-289 for more details.
- Dimensions in parentheses are in millimeters.

## Three Patio Door Heights



## Order Designation Description

Viewed from the exterior.



- "Door 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 pages 288-289 for more details.
- Dimensions in parentheses are in millimeters.

# FRENCHWOOD® HINGED PATIO DOORS — INSWING

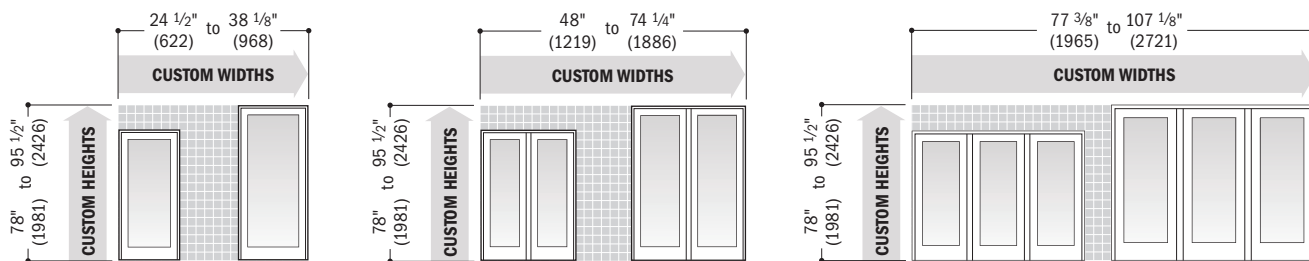
## Frenchwood® Hinged Inswing Patio Door Opening and Area Specifications

Door Number	Number of Panels in Open Position*	Clear Opening Area Sq. Ft./ (m <sup>2</sup> )	Clear Opening Maximums			Glass Area Sq. Ft./ (m <sup>2</sup> )	Vent Area Sq. Ft./ (m <sup>2</sup> )	Overall Door Area Sq. Ft./ (m <sup>2</sup> )
			90° Width Inches/(mm)	Full Width Inches/(mm)	Height Inches/(mm)			
<b>FWH2168S</b>	-	-	-	-	-	5.74 (0.53)	-	13.39 (1.24)
<b>FWH2768</b>	1	12.98 (1.21)	24 13/16" (630)	26" (660)	75 1/4" (1911)	8.32 (0.77)	12.98 (1.21)	16.63 (1.55)
<b>FWH2968</b>	1	14.02 (1.30)	26 13/16" (681)	28" (711)	75 1/4" (1911)	9.20 (0.86)	14.02 (1.30)	17.74 (1.65)
<b>FWH3168</b>	1	16.11 (1.50)	30 13/16" (783)	32" (813)	75 1/4" (1911)	10.96 (1.02)	16.11 (1.50)	19.95 (1.85)
<b>FWH4168</b>	2	21.43 (1.99)	41" (1039)	43 7/8" (1112)	75 1/4" (1911)	11.68 (1.09)	21.43 (1.99)	26.50 (2.46)
<b>FWH4168</b>	1	11.01 (1.02)	19 7/8" (505)	21 1/16" (535)	75 1/4" (1911)	11.68 (1.09)	11.01 (1.02)	26.50 (2.46)
<b>FWH5068</b>	1 - AS/SA	12.98 (1.21)	24 13/16" (630)	26" (660)	75 1/4" (1911)	16.64 (1.55)	12.98 (1.21)	32.71 (3.04)
<b>FWH5068</b>	2 - AP/PA	27.30 (2.54)	52 1/4" (1327)	55 1/8" (1400)	75 1/4" (1911)	16.64 (1.55)	27.30 (2.54)	32.71 (3.04)
<b>FWH5068</b>	1 - AP/PA	13.32 (1.23)	25 1/2" (647)	26 11/16" (678)	75 1/4" (1911)	16.64 (1.55)	13.32 (1.23)	32.71 (3.04)
<b>FWH5468</b>	1 - AS/SA	14.02 (1.30)	26 13/16" (681)	28" (711)	75 1/4" (1911)	18.39 (1.71)	14.02 (1.30)	34.92 (3.24)
<b>FWH5468</b>	2 - AP/PA	29.39 (2.73)	56 1/4" (1429)	59 1/8" (1502)	75 1/4" (1911)	18.39 (1.71)	29.39 (2.73)	34.92 (3.24)
<b>FWH5468</b>	1 - AP/PA	14.37 (1.33)	27 1/2" (698)	28 11/16" (729)	75 1/4" (1911)	18.39 (1.71)	14.37 (1.33)	34.92 (3.24)
<b>FWH6068</b>	1 - AS/SA	16.11 (1.50)	30 13/16" (783)	32" (813)	75 1/4" (1911)	21.92 (2.04)	16.11 (1.50)	39.34 (3.66)
<b>FWH6068</b>	2 - AP/PA	33.58 (3.12)	64 1/2" (1632)	67 1/8" (1705)	75 1/4" (1911)	21.92 (2.04)	33.58 (3.12)	39.34 (3.66)
<b>FWH6068</b>	1 - AP/PA	16.46 (1.52)	31 1/2" (800)	32 11/16" (830)	75 1/4" (1911)	21.92 (2.04)	16.46 (1.52)	39.34 (3.66)
<b>FWH8068</b>	1	14.02 (1.30)	26 13/16" (681)	28" (711)	75 1/4" (1911)	27.60 (2.56)	14.02 (1.30)	52.52 (4.88)
<b>FWH9068</b>	1	16.11 (1.50)	30 13/16" (783)	32" (813)	75 1/4" (1911)	32.88 (3.06)	16.11 (1.50)	59.14 (5.49)
<b>FWH21611S</b>	-	-	-	-	-	6.01 (0.56)	-	13.89 (1.29)
<b>FWH27611</b>	1	13.48 (1.25)	24 13/16" (630)	26" (660)	78 1/8" (1984)	8.69 (0.81)	13.48 (1.25)	17.21 (1.60)
<b>FWH29611</b>	1	14.55 (1.35)	26 13/16" (681)	28" (711)	78 1/8" (1984)	9.61 (0.89)	14.55 (1.35)	18.36 (1.71)
<b>FWH31611</b>	1	16.72 (1.55)	30 13/16" (783)	32" (813)	78 1/8" (1984)	11.45 (1.06)	16.72 (1.55)	20.64 (1.92)
<b>FWH41611</b>	2	22.24 (2.07)	41" (1039)	43 7/8" (1112)	78 1/8" (1984)	12.20 (1.13)	22.24 (2.07)	27.46 (2.55)
<b>FWH41611</b>	1	11.43 (1.06)	19 7/8" (505)	21 1/16" (535)	78 1/8" (1984)	12.20 (1.13)	11.43 (1.06)	27.46 (2.55)
<b>FWH50611</b>	1 - AS/SA	13.48 (1.25)	24 13/16" (630)	26" (660)	78 1/8" (1984)	17.38 (1.62)	13.48 (1.25)	33.89 (3.15)
<b>FWH50611</b>	2 - AP/PA	28.34 (2.63)	52 1/4" (1327)	55 1/8" (1400)	78 1/8" (1984)	17.38 (1.62)	28.34 (2.63)	33.89 (3.15)
<b>FWH50611</b>	1 - AP/PA	13.83 (1.28)	25 1/2" (647)	26 11/16" (678)	78 1/8" (1984)	17.38 (1.62)	13.83 (1.28)	33.89 (3.15)
<b>FWH54611</b>	1 - AS/SA	14.55 (1.35)	26 13/16" (681)	28" (660)	78 1/8" (1984)	19.22 (1.79)	14.55 (1.35)	36.18 (3.36)
<b>FWH54611</b>	2 - AP/PA	30.51 (2.83)	56 1/4" (1429)	59 1/8" (1502)	78 1/8" (1984)	19.22 (1.79)	30.51 (2.83)	36.18 (3.36)
<b>FWH54611</b>	1 - AP/PA	14.91 (1.58)	27 1/2" (698)	28 11/16" (729)	78 1/8" (1984)	19.22 (1.79)	14.91 (1.58)	36.18 (3.36)
<b>FWH60611</b>	1 - AS/SA	16.72 (1.55)	30 13/16" (783)	32" (813)	78 1/8" (1984)	22.91 (2.13)	16.72 (1.55)	40.76 (3.79)
<b>FWH60611</b>	2 - AP/PA	34.86 (3.24)	64 1/2" (1632)	67 1/8" (1705)	78 1/8" (1984)	22.91 (2.13)	34.86 (3.24)	40.76 (3.79)
<b>FWH60611</b>	1 - AP/PA	17.08 (1.68)	31 1/2" (800)	32 11/16" (830)	78 1/8" (1984)	22.91 (2.13)	17.08 (1.68)	40.76 (3.79)
<b>FWH80611</b>	1	14.55 (1.35)	26 13/16" (681)	28" (660)	78 1/8" (1984)	28.83 (2.68)	14.55 (1.35)	54.43 (5.06)
<b>FWH90611</b>	1	16.72 (1.55)	30 13/16" (783)	32" (813)	78 1/8" (1984)	34.36 (3.19)	16.72 (1.55)	61.30 (5.70)
<b>FWH2180S</b>	-	-	-	-	-	7.19 (0.67)	-	16.08 (1.49)
<b>FWH2780</b>	1	15.73 (1.46)	24 13/16" (630)	26" (660)	91 1/4" (2318)	10.41 (0.97)	15.73 (1.46)	19.98 (1.86)
<b>FWH2980</b>	1	17.00 (1.58)	26 13/16" (681)	28" (711)	91 1/4" (2318)	11.52 (1.07)	17.00 (1.58)	21.31 (1.98)
<b>FWH3180</b>	1	19.54 (1.82)	30 13/16" (783)	32" (813)	91 1/4" (2318)	13.72 (1.28)	19.54 (1.82)	23.96 (2.23)
<b>FWH4180</b>	2	25.98 (2.41)	41" (1039)	43 7/8" (1112)	91 1/4" (2318)	14.62 (1.36)	25.98 (2.41)	31.83 (2.96)
<b>FWH4180</b>	1	13.35 (1.24)	19 7/8" (505)	21 1/16" (535)	91 1/4" (2318)	14.62 (1.36)	13.35 (1.24)	31.83 (2.96)
<b>FWH5080</b>	1 - AS/SA	15.73 (1.46)	24 13/16" (630)	26" (660)	91 1/4" (2318)	20.82 (1.93)	15.73 (1.46)	39.30 (3.65)
<b>FWH5080</b>	2 - AP/PA	33.11 (3.08)	52 1/4" (1327)	55 1/8" (1400)	91 1/4" (2318)	20.82 (1.93)	33.11 (3.08)	39.30 (3.65)
<b>FWH5080</b>	1 - AP/PA	16.15 (1.50)	25 1/2" (647)	26 11/16" (678)	91 1/4" (2318)	20.82 (1.93)	16.15 (1.50)	39.30 (3.65)
<b>FWH5480</b>	1 - AS/SA	17.00 (1.58)	26 13/16" (681)	28" (660)	91 1/4" (2318)	23.03 (2.14)	17.00 (1.58)	41.95 (3.90)
<b>FWH5480</b>	2 - AP/PA	35.64 (3.31)	56 1/4" (1429)	59 1/8" (1502)	91 1/4" (2318)	23.03 (2.14)	35.64 (3.31)	41.95 (3.90)
<b>FWH5480</b>	1 - AP/PA	17.42 (1.61)	27 1/2" (698)	28 11/16" (729)	91 1/4" (2318)	23.03 (2.14)	17.42 (1.61)	41.95 (3.90)
<b>FWH6080</b>	1 - AS/SA	19.54 (1.82)	30 13/16" (783)	32" (813)	91 1/4" (2318)	27.44 (2.55)	19.54 (1.82)	47.25 (4.39)
<b>FWH6080</b>	2 - AP/PA	40.71 (3.78)	64 1/2" (1632)	67 1/8" (1705)	91 1/4" (2318)	27.44 (2.55)	40.71 (3.78)	47.25 (4.39)
<b>FWH6080</b>	1 - AP/PA	19.96 (1.85)	31 1/2" (800)	32 11/16" (830)	91 1/4" (2318)	27.44 (2.55)	19.96 (1.85)	47.25 (4.39)
<b>FWH8080</b>	1	17.00 (1.58)	26 13/16" (681)	28" (660)	91 1/4" (2318)	34.55 (3.21)	17.00 (1.58)	63.09 (5.86)
<b>FWH9080</b>	1	19.54 (1.82)	30 13/16" (783)	32" (813)	91 1/4" (2318)	41.16 (3.82)	19.54 (1.82)	71.05 (6.60)

\* Dimensions in parentheses are in millimeters.

\* For two-panel AP/PA doors with only one panel open, clear opening is based on the active panel open and the passive panel closed.

## Custom Sizes and Specification Formulas



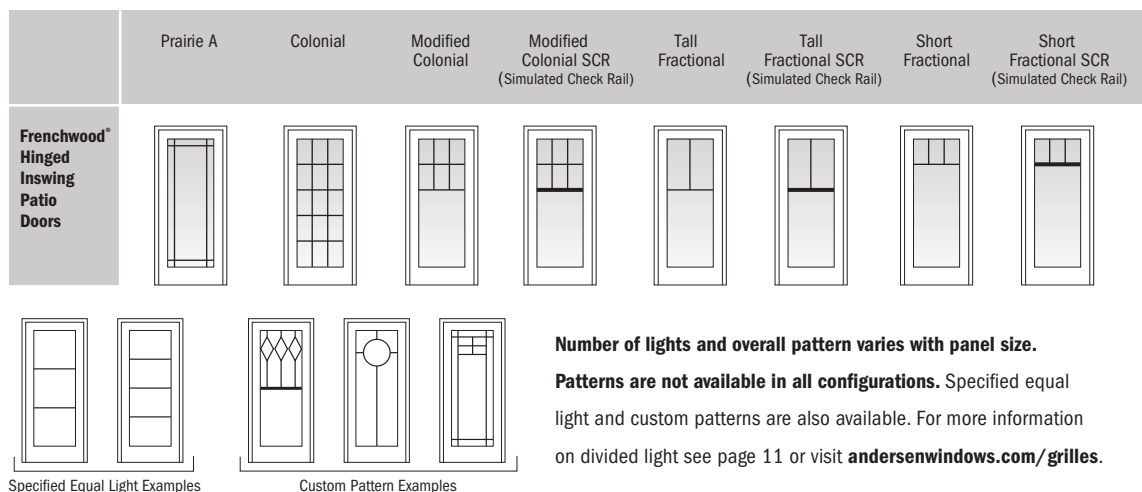
Clear Opening	Minimum R.O.	Unobstr. Glass
<p>Height = height - 4.22" (107)</p> <p><b>Single-Panel</b></p> <p>Width = width - 5.744" (145)</p> <p><b>Two-Panel, two panels open</b></p> <p>Width = width - 7.394" (187)</p> <p><b>Two-Panel, one panel open</b></p> <p>Width = (width - 10.550" (267)) ÷ 2</p> <p><b>Three-Panel</b></p> <p>Width = (width - 16.106" (409)) ÷ 3</p>	<p>Width = width + 3/4" (19)</p> <p>Height = height + 1/2" (13)</p>	<p><b>Single-Panel</b></p> <p>Width = width - 11.22" (285)</p> <p>Height = height - 16.05" (408)</p> <p><b>Two-Panel</b></p> <p>Width = width - 21.5" (546)</p> <p>Height = height - 16.05" (408)</p> <p><b>Three-Panel</b></p> <p>Width = width - 32.55" (827)</p> <p>Height = height - 16.05" (408)</p>

- Dimensions in parentheses are in millimeters.
- **Clear Opening** formulas provide dimensions for determining area available for egress. Vent opening, or area available for passage of air, is equal to clear opening. **Minimum R.O.** (minimum rough opening) formulas provide minimum rough opening width and height dimensions. **Unobstr. Glass** (unobstructed glass) formulas provide dimensions for determining area available for passage of light.
- Clear opening width formulas are based on panel(s) in a 90° open position.



Available in 1/8" (3) increments between minimum and maximum widths and heights. Some restrictions apply. Measurement guide can be found at [andersenwindows.com/measure](http://andersenwindows.com/measure).

## Grille Patterns

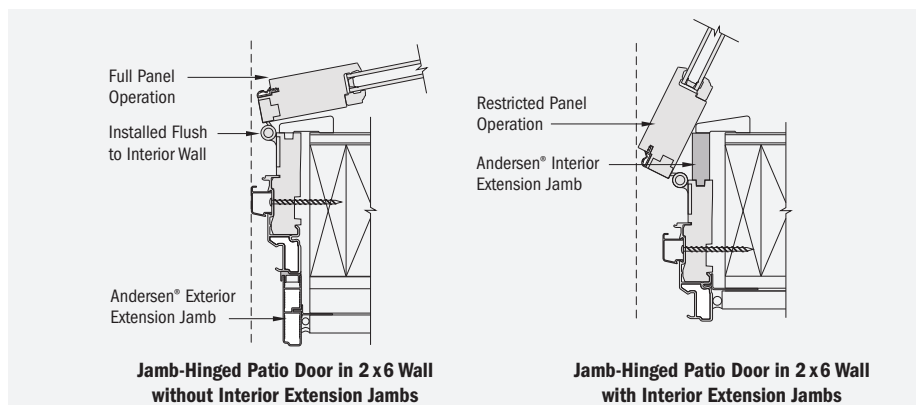


**Number of lights and overall pattern varies with panel size.**

**Patterns are not available in all configurations.** Specified equal light and custom patterns are also available. For more information on divided light see page 11 or visit [andersenwindows.com/grilles](http://andersenwindows.com/grilles).

## Interior Extension Jamb

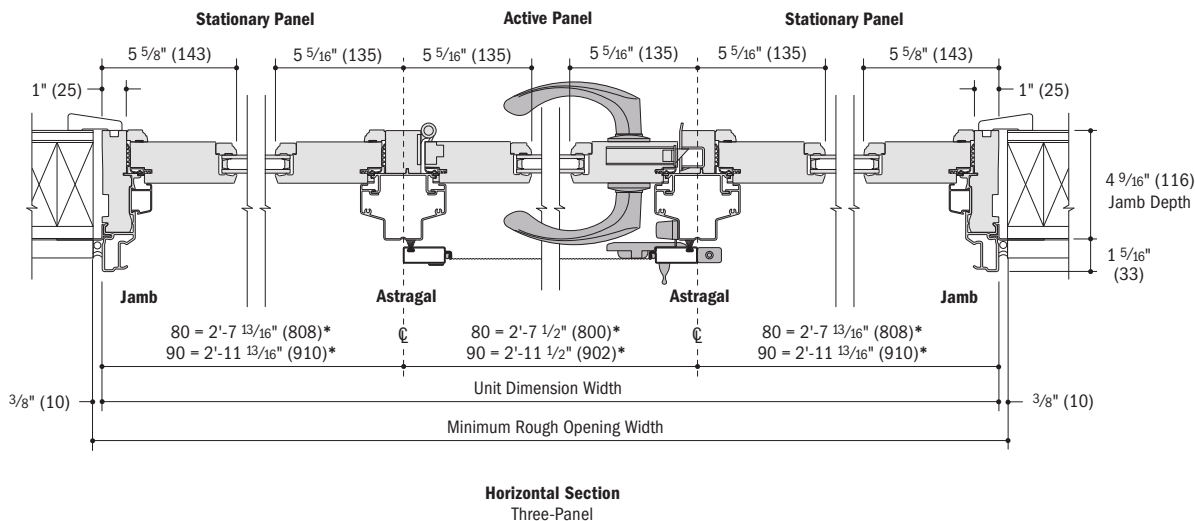
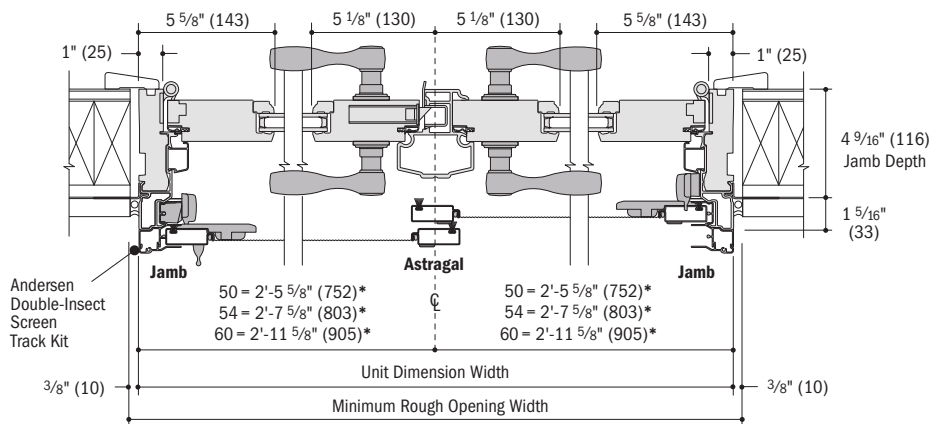
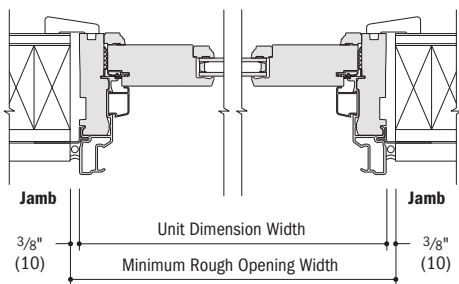
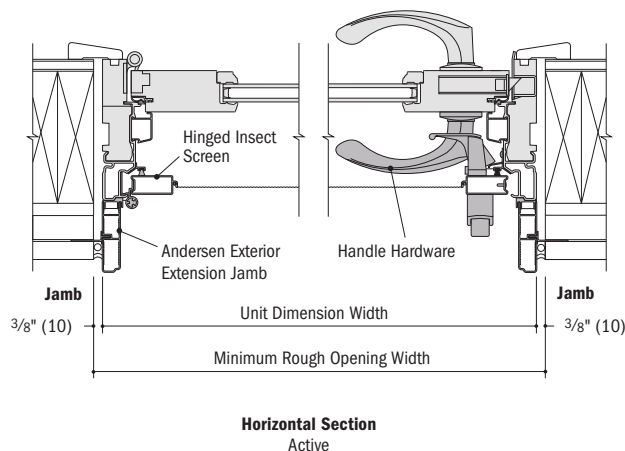
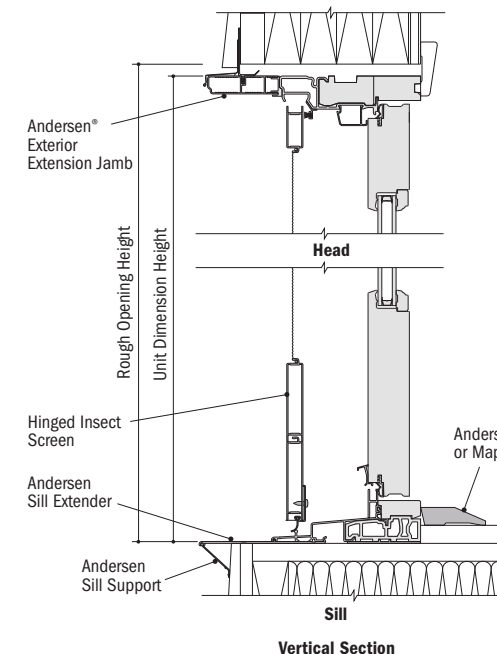
Use of interior extension jambs or drywall return will restrict panel operation on jamb-hinged patio doors. Jamb-hinged patio doors must be installed flush to the interior to achieve full panel operation.



# FRENCHWOOD® HINGED PATIO DOORS — INSWING

## Frenchwood® Hinged Inswing Patio Door Details

Scale 1 1/2" (38) = 1'-0" (305) – 1:8

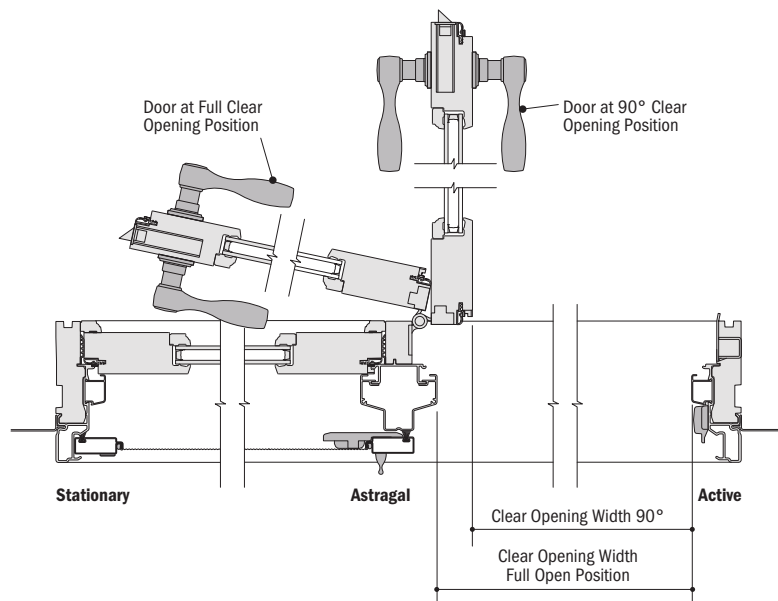
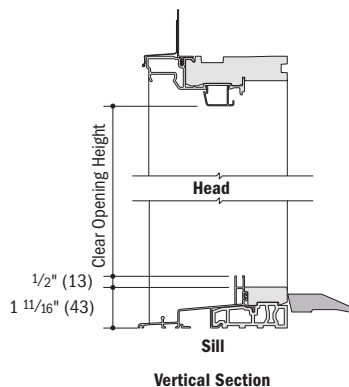


- 4 9/16" (116) jamb depth measurement is from backside of installation flange.
- Light-colored areas are parts included with door. Dark-colored areas are additional Andersen® parts required to complete door assembly as shown.
- Rough openings may need to be increased to allow for use of building wraps, flashing, sill panning, brackets, fasteners or other items. See installation information on pages 288-289.
- Details are for illustration only and are not intended to represent product installation methods or materials. Refer to product installation guides at [andersenwindows.com](http://andersenwindows.com).
- Dimensions in parentheses are in millimeters.
- \*Dimension indicates location of astragal centerline.

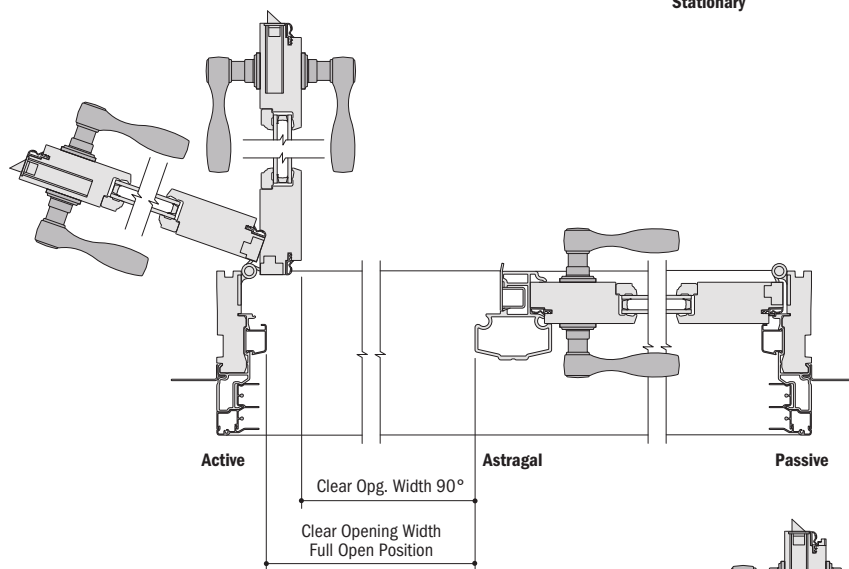


## Clear Opening Details

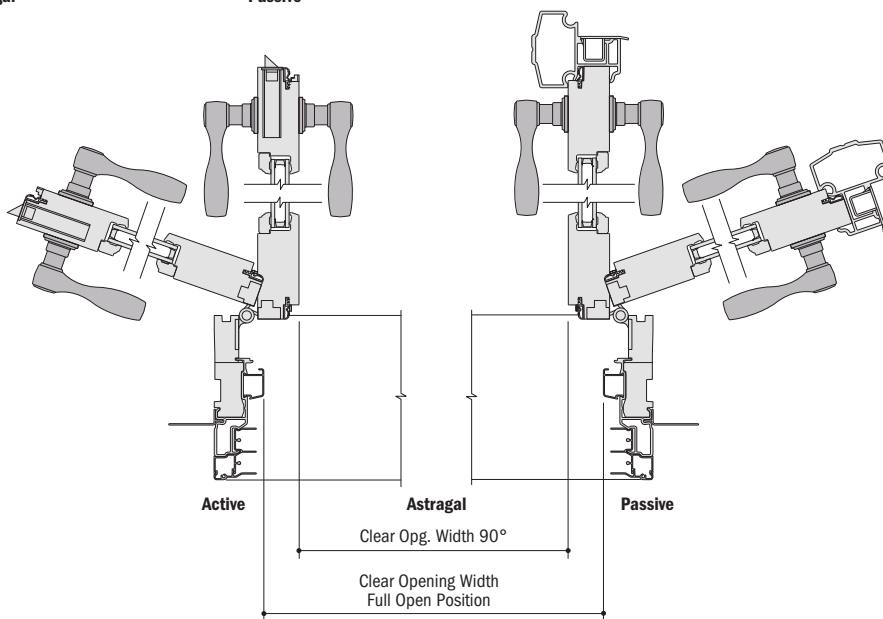
Scale 1 1/2" (38) = 1'-0" (305) – 1:8



**Horizontal Section**  
Two-Panel, Stationary and Active (open)



**Horizontal Section**  
Two-Panel, Active (open) and Passive (closed)



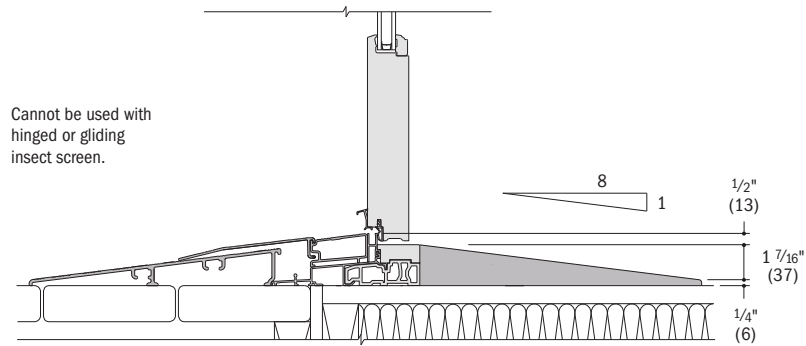
**Horizontal Section**  
Two-Panel, Active (open) and Passive (open)

- Light-colored areas are parts included with door. Dark-colored areas are additional Andersen® parts required to complete door 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 pages 288-289.**
- Details are for illustration only and are not intended to represent product installation methods or materials. Refer to product installation guides at [andersenwindows.com](http://andersenwindows.com).
- Dimensions in parentheses are in millimeters.

# FRENCHWOOD® HINGED PATIO DOORS — INSWING

## Ramped Sill Detail

Scale 1 1/2" (38) = 1'-0" (305) — 1:8



Vertical Section

## Vertical Joining Detail

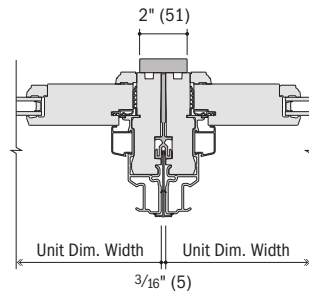
Scale 1 1/2" (38) = 1'-0" (305) — 1:8

### Overall Door Dimension Width

Sum of individual door widths  
plus 3/16" (5) for each join.

### Overall Rough Opening Width

Overall door dimension width  
plus 3/4" (19).



Horizontal Section

Frenchwood® Hinged Inswing to  
Frenchwood Hinged Inswing

## Vertical Joining Detail – LVL

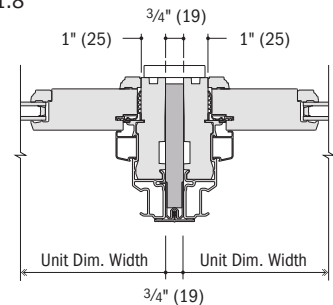
Scale 1 1/2" (38) = 1'-0" (305) — 1:8

### Overall Door Dimension Width

Sum of individual door widths  
plus 3/4" (19) for each join.

### Overall Rough Opening Width

Overall door dimension width  
plus 3/4" (19).



Horizontal Section

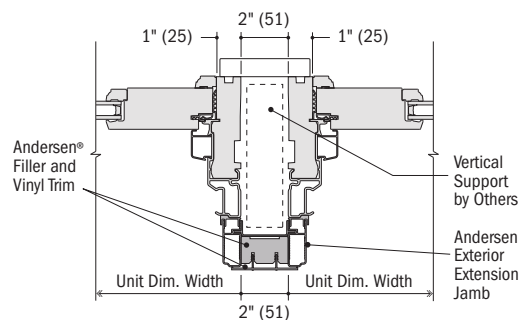
Frenchwood® Hinged Inswing to  
Frenchwood Hinged Inswing

**Andersen does not recommend joining of hinge jamb to hinge jamb. For more joining information see the combination designs section starting on page 255.**

## Separate Rough Openings Detail

Scale 1 1/2" (38) = 1'-0" (305) — 1:8

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



Horizontal Section

Frenchwood® Hinged Inswing and Frenchwood Hinged Inswing

• Light-colored areas are parts included with door. Dark-colored areas are additional Andersen® parts required to complete door 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 288-289.**

• Details are for illustration only and are not intended to represent product installation methods or materials. Refer to product installation guides at [andersenwindows.com](http://andersenwindows.com).

• Andersen recommends installation of doors into separate rough openings. Consult with an architect or structural engineer regarding minimum requirements for structural support members between adjacent rough openings.

• Dimensions in parentheses are in millimeters.

# FRENCHWOOD<sup>®</sup> HINGED PATIO DOORS – OUTSWING

**CUSTOM SIZING**  
in 1/8" (3) increments



## SECTION REFERENCE

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Dimensions in parentheses are in millimeters.



**A.B.E. Doors & Windows**

6776 Hamilton Boulevard  
Allentown, PA 18106  
610-398-2430

[www.abeddoors.com](http://www.abeddoors.com)

**Call 610-398-2430 now to get a free estimate!**

400 Series  
Frenchwood<sup>®</sup> Hinged  
Patio Doors – Outswing



# FRENCHWOOD® HINGED PATIO DOORS — OUTSWING

## FEATURES

### Frame

- A** The sill has a thermal break to keep heat and cold out. The panels and frame have superior strength and insulating properties and a low-maintenance coating.
- B** All basic exterior frame members are fiberglass reinforced composite, which maintains an attractive appearance while minimizing maintenance.
- C** The frame exterior members are attached to a water-repellent preservative-treated wood subframe for long-lasting\* protection and performance. The subframe is grooved to accept extension jambs.

### Panel

- D** The exterior of the wood door panel is protected with a long-lasting\* urethane base finish in White, Sandtone, Terratone or Forest Green color.
- E** Panel interior surfaces are unfinished pine veneer. Unfinished oak and maple veneers are available as options. Low-maintenance prefinished White interiors are also available.
- Hinged outswing operating panels are available either left- or right-hand active or two-panel active/passive jamb hinged.
- F** A factory-applied, one-piece compression-type rubber weatherstrip continues in one plane around the panel to provide maximum effectiveness against water and air infiltration. The corners of the weatherstrip are welded to eliminate gaps between the panel and the frame/sill shoulder.
- G** The ball bearing hinges are covered with a corrosion-resistant powder-coat finish. Hinges are color-matched to the panel exterior and can be adjusted up/down and left/right after installation.

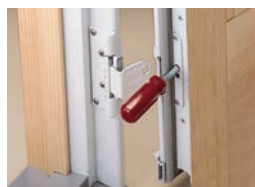


### Mortise-and-Tenon Joints



Mortise-and-tenon joints prevent panel sag and maintain smooth operation.

### Removable Panels



Removable panels simplify finishing and allow for easy storage during construction. Release tabs are covered with a cap for a clean appearance. The panels can be easily removed with the unique panel release tab on the hinge. This release feature is ideal for transporting large units up stairs or to other hard-to-reach areas.

### Glass

- H** Panels are silicone bed glazed and finished with an interior wood stop.
- I** High-performance glass options include:
- Low-E4® tempered glass®
  - Low-E4® HeatLock™ tempered glass
  - Low-E4® Sun tempered glass
  - Low-E4® SmartSun™ tempered glass
  - Low-E4® SmartSun™ HeatLock™ tempered glass

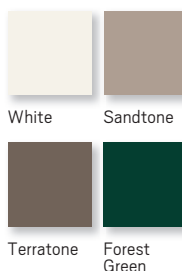
Additional glass options are available. Contact your Andersen supplier.

A removable translucent film helps shield the glass from damage during delivery and construction and simplifies finishing at the jobsite.

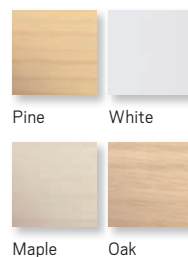
### Patterned Glass

Patterned glass options are available. See page 10 for more details.

## EXTERIOR



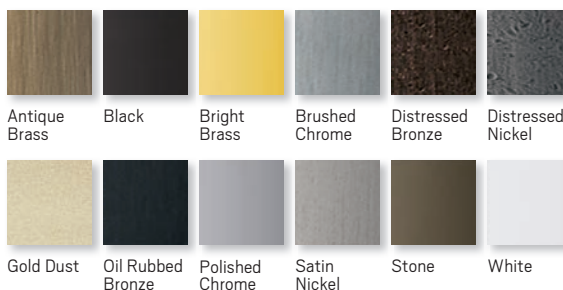
## INTERIOR



Prefinished White interiors are only available on units with White exteriors.

Naturally occurring variations in grain, color and texture of wood make each door one-of-a-kind. All wood interiors are unfinished unless prefinished White is specified.

## HARDWARE FINISHES



Distressed bronze and oil rubbed bronze are "living" finishes that will change with time and use.

## HINGED PATIO DOOR HARDWARE OPTIONS\*\* Bold name denotes finish shown.

<b>YUMA®</b>	<b>ENCINO®</b>	<b>ANVERS®</b>	<b>NEWBURY®</b>	<b>COVINGTON™</b>	<b>WHITMORE®</b>	<b>ALBANY</b>	<b>TRIBECA®</b>
Distressed Bronze <b>Distressed Nickel</b>	Distressed Bronze Distressed Nickel	Bright Brass Oil Rubbed Bronze <b>Satin Nickel</b>	Antique Brass Bright Brass Brushed Chrome <b>Oil Rubbed Bronze</b> Polished Chrome Satin Nickel	Antique Brass <b>Bright Brass</b> Oil Rubbed Bronze	<b>Antique Brass</b> Bright Brass Oil Rubbed Bronze Satin Nickel	Black <b>Gold Dust</b> Stone White	Stone <b>White</b>

\* Visit [andersenwindows.com/warranty](http://andersenwindows.com/warranty) or see your Andersen supplier for details on the 400 Series Limited Warranty.

\*\* Hardware sold separately.

Dimensions in parentheses are in millimeters.

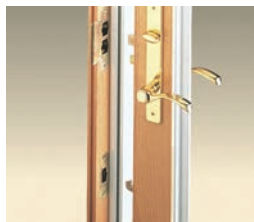
Printing limitations prevent exact duplication of colors and finishes. See your Andersen supplier for actual color and finish samples.

Tribeca and Albany hardware are zinc diecast with powder-coated durable finish. Other hardware is solid forged brass. Mix-and-match interior and exterior style and finish options are available. Bright brass and satin nickel finishes feature a 10-year limited warranty.



## Hardware

### Multi-Point Locking System



The multi-point locking system, with a hook bolt above and below the center dead bolt, provides a weathertight seal and enhanced security.

## ACCESSORIES Sold Separately

### Frame

#### Extension Jambs

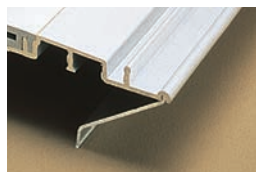
Standard jamb depth is 4 9/16" (116). Pine, oak or maple veneer or prefinished White interior extension jambs are available in 1/16" (1.5) increments between 5 1/16" (129) and 7 1/8" (181).

#### Sill Step



The Frenchwood® outswing door offers an optional oak or maple sill step.

#### Sill Support



An aluminum sill support is designed to lock into a channel under the sill and tie back into the wall. This will offer support to the outermost sill section when needed. Available in neutral gray finish.

### Hardware

#### Exterior Keyed Lock



A six-pin key cylinder lock is available in styles and finishes that coordinate with hardware. This lock allows the hinged patio door to be

locked and unlocked from the exterior.

#### Handle Extension



Extends interior door handle an additional 1" (25) from the door panel to accommodate interior blinds or shades. Kit includes

one handle extender and spindle. A second extender may be added to the spindle to increase the length an additional 1" (25) to a 2" (51) total extension. Extenders are available in finishes that coordinate with hardware.

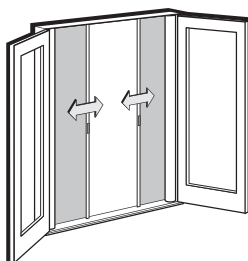
### Construction Lock



This hardware can be used on all Andersen hinged doors to help secure the jobsite during the construction phase of the project. It features an undersized escutcheon plate, which makes on-site finishing easier.

### Insect Screens

#### Retractable Insect Screen



The retractable insect screen is installed on the interior of the door and opens across the width of the opening. When the insect screen is not in use, it neatly retracts into small canisters mounted on each side of the door.

Retractable insect screens are made of a long-lasting\* fiberglass screen mesh with a charcoal finish. They are available for single-panel and two-panel doors with oak, maple, pine and prefinished White finishes. Please note, retractable insect screen track reduces clear opening height by 1" (25).

### Glass

#### Andersen® Art Glass

Andersen art glass panels come in a variety of original patterns, including four *Frank Lloyd Wright® Series* designs. See pages 213-214 for details on Andersen art glass. Visit [andersenwindows.com/artglass](http://andersenwindows.com/artglass) for details and pattern information.

### Grilles

Grilles are available in a variety of configurations and widths. For patio door grille patterns see page 167.

### Sidelights & Transoms



Sidelights and transoms are available for all Frenchwood hinged patio doors. See pages 171-174 for details.

### Exterior Trim

This product is available with Andersen® Exterior Trim. See pages 215-220 for details.

#### CAUTION:

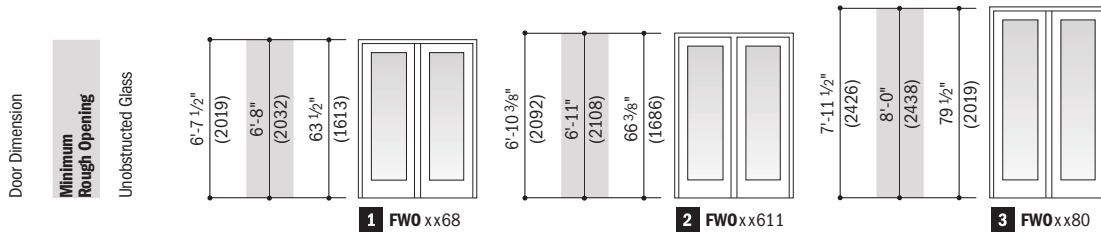
- Painting and staining may cause damage to rigid vinyl.
- 400 Series products in Terratone color may be painted any color lighter than Terratone color using quality oil-base or latex paint. Submit color samples to Andersen for approval when painting Terratone any color darker than Terratone.
- Do not paint 400 Series products with White, Sandtone or Forest Green exterior colors.
- 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 or performance of homeowner-applied paint over vinyl or other factory-coated surfaces.

For more information about glass, patterned glass, art glass and grilles see pages 10-17.

For more information about combination designs, product performance, installation accessories and warranty see pages 255-291 or visit

# FRENCHWOOD® HINGED PATIO DOORS — OUTSWING

## Three Patio Door Heights

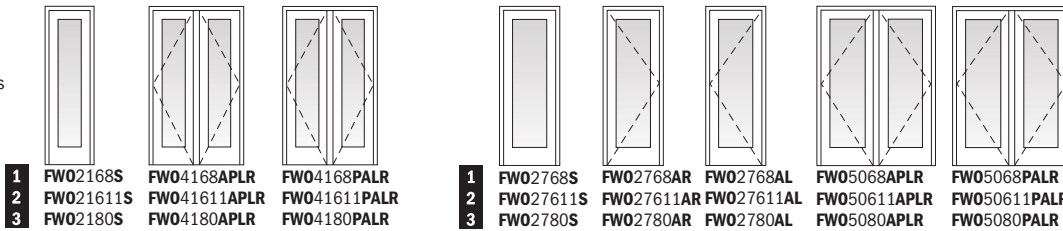


## Table of Frenchwood® Hinged Outswing Patio Door Sizes

Scale 1/8" (3) = 1'-0" (305) – 1:96

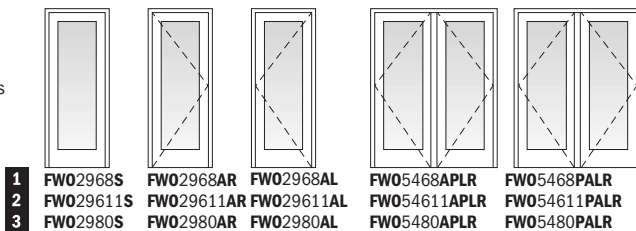
Door Dimension	2'-0 1/2" (620)	4'-0" (1219)	4'-0" (1219)	2'-6 1/8" (765)	2'-6 1/8" (765)	2'-6 1/8" (765)	4'-11 1/4" (1504)	4'-11 1/4" (1504)
Minimum Rough Opening	2'-1" (634)	4'-1" (1242)	4'-1" (1242)	2'-7" (787)	2'-7" (787)	2'-7" (787)	5'-0" (1524)	5'-0" (1524)
Unobstructed Glass (single panel only)	13 1/4" (336)	13 1/4" (336)	13 1/4" (336)	18 7/8" (479)	18 7/8" (479)	18 7/8" (479)	18 7/8" (479)	18 7/8" (479)

3 heights



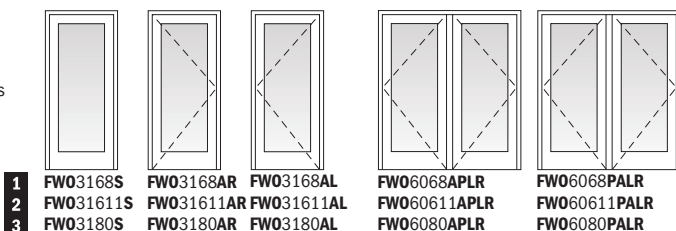
Door Dimension	2'-8 1/8" (816)	2'-8 1/8" (816)	2'-8 1/8" (816)	5'-3 1/4" (1607)	5'-3 1/4" (1607)
Minimum Rough Opening	2'-9" (838)	2'-9" (838)	2'-9" (838)	5'-4" (1626)	5'-4" (1626)
Unobstructed Glass (single panel only)	20 7/8" (530)	20 7/8" (530)	20 7/8" (530)	20 7/8" (530)	20 7/8" (530)

3 heights



Door Dimension	3'-0 1/8" (918)	3'-0 1/8" (918)	3'-0 1/8" (918)	5'-11 1/4" (1810)	5'-11 1/4" (1810)
Minimum Rough Opening	3'-1" (940)	3'-1" (940)	3'-1" (940)	6'-0" (1829)	6'-0" (1829)
Unobstructed Glass (single panel only)	24 7/8" (632)	24 7/8" (632)	24 7/8" (632)	24 7/8" (632)	24 7/8" (632)

3 heights



- "Door 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 pages 288-289 for more details.
- Dimensions in parentheses are in millimeters.



Custom-size doors are available in 1/8" (3) increments.

See page 167 for custom sizes and specifications

Stationary (S) doors can be used as an individual unit or as a sidelight.

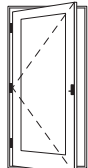
Grille patterns shown on page 167.

## Identification

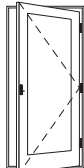
Viewed from the exterior.



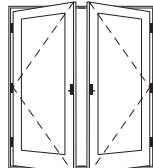
**Stationary**  
(non-operating panel)



**Left Hinged**  
(hinges on left)



**Right Hinged**  
(hinges on right)



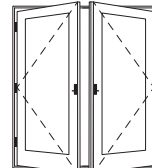
**Active Panel**  
(operating panel  
used most often)



**Passive Panel**  
(operating panel with  
attached astragal)

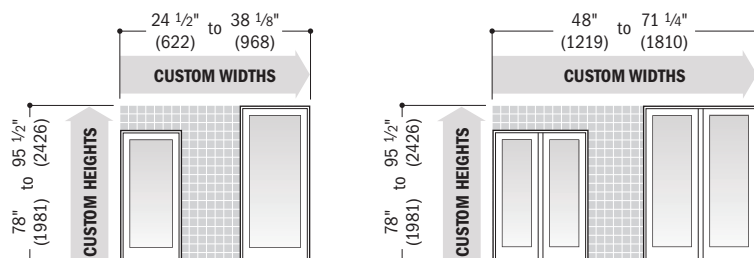
## Order Designation Description

Viewed from the exterior.



**FWO 6068 A P L R**  
Frenchwood®  
Hinged Outswing  
Patio Door  
Door Rough  
Opening  
Active Panel  
(panel used  
most often)  
Passive  
Panel  
Left  
Hinged  
Right  
Hinged

## Custom Sizes and Specification Formulas



Available in 1/8" (3) increments between minimum and maximum widths and heights shown. Some restrictions apply. Measurement guide can be found at [andersenwindows.com/measure](http://andersenwindows.com/measure).

Clear Opening	Minimum R.O.	Unobstr. Glass
<p>Height = height - 2.945" (74)</p> <p><b>Single-Panel</b> Width = width - 5.056" (128)</p> <p><b>Two-Panel, two panels open</b> Width = width - 6.722" (170)</p> <p><b>Two-Panel, one panel open</b> Width = (width - 9.250" (234)) ÷ 2</p>	<p>Width = width + 3/4" (19) Height = height + 1/2" (13)</p>	<p><b>Single-Panel</b> Width = width - 11.25" (286) Height = height - 15.71" (399)</p> <p><b>Two-Panel</b> Width = width - 21.5" (546) Height = height - 15.71" (399)</p>

- Dimensions in parentheses are in millimeters.
- **Clear Opening** formulas provide dimensions for determining area available for egress. Vent opening, or area available for passage of air, is equal to clear opening. **Minimum R.O.** (minimum rough opening) formulas provide minimum rough opening width and height dimensions. **Unobstr. Glass** (unobstructed glass) formulas provide dimensions for determining area available for passage of light.
- Clear opening width formulas are based on panel(s) in a 90° open position.

## Grille Patterns

	Prairie A	Colonial	Modified Colonial	Modified Colonial SCR (Simulated Check Rail)	Tall Fractional	Tall Fractional SCR (Simulated Check Rail)	Short Fractional	Short Fractional SCR (Simulated Check Rail)
<b>Frenchwood® Hinged Outswing Patio Doors</b>								

**Number of lights and overall pattern varies with panel 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 11 or visit [andersenwindows.com/grilles](http://andersenwindows.com/grilles).

# FRENCHWOOD® HINGED PATIO DOORS — OUTSWING

## Frenchwood® Hinged Outswing Patio Door Opening and Area Specifications

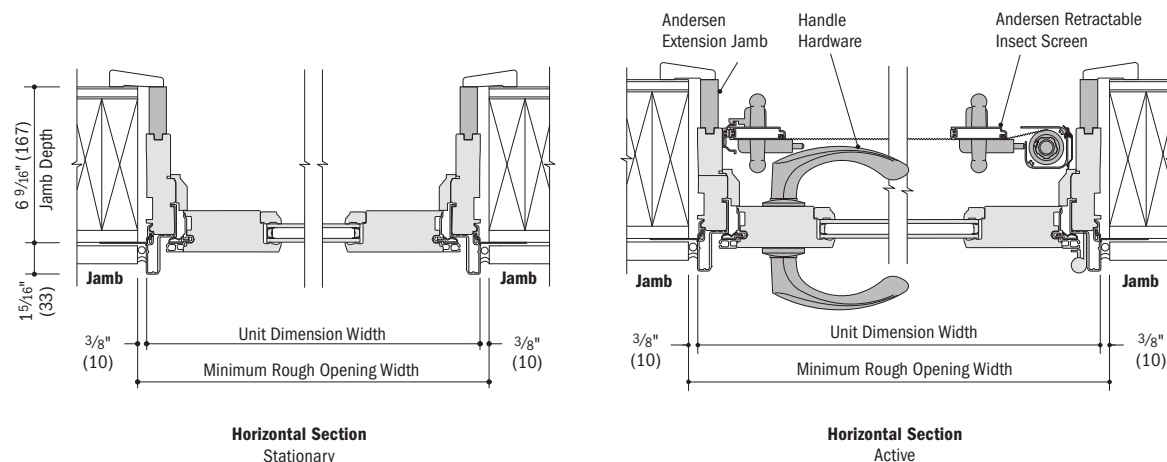
Door Number	Number of Panels in Open Position*	Clear Opening Area Sq. Ft./ (m <sup>2</sup> )	Clear Opening Maximums			Glass Area Sq. Ft./ (m <sup>2</sup> )	Vent Area Sq. Ft./ (m <sup>2</sup> )	Overall Door Area Sq. Ft./ (m <sup>2</sup> )
			90° Width Inches/(mm)	Full Width Inches/(mm)	Height Inches/(mm)			
<b>FWO2168</b>	-	-	-	-	-	5.86 (0.54)	-	13.51 (1.26)
<b>FWO2768</b>	1	13.34 (1.24)	25 1/8" (637)	26 11/16" (678)	76 1/2" (1943)	8.32 (0.77)	13.34 (1.24)	16.62 (1.54)
<b>FWO2968</b>	1	14.40 (1.34)	27 1/8" (688)	28 11/16" (729)	76 1/2" (1943)	9.20 (0.86)	14.40 (1.34)	17.72 (1.65)
<b>FWO3168</b>	1	16.53 (1.54)	31 1/8" (790)	32 11/16" (830)	76 1/2" (1943)	10.96 (1.02)	16.53 (1.54)	19.93 (1.85)
<b>FWO4168</b>	2	21.98 (2.04)	41 7/16" (1053)	44 5/8" (1133)	76 1/2" (1943)	11.67 (1.08)	21.98 (2.04)	26.48 (2.46)
<b>FWO4168</b>	1	10.29 (0.95)	19 3/8" (492)	20 7/8" (530)	76 1/2" (1943)	11.67 (1.08)	10.29 (0.95)	26.48 (2.46)
<b>FWO5068</b>	2	27.95 (2.60)	52 5/8" (1337)	55 13/16" (1418)	76 1/2" (1943)	16.64 (1.55)	27.95 (2.60)	32.68 (3.04)
<b>FWO5068</b>	1	13.28 (1.23)	25" (635)	26 1/2" (673)	76 1/2" (1943)	16.64 (1.55)	13.28 (1.23)	32.68 (3.04)
<b>FWO5468</b>	2	30.08 (2.80)	56 5/8" (1438)	59 13/16" (1519)	76 1/2" (1943)	18.39 (1.71)	30.08 (2.80)	34.89 (3.24)
<b>FWO5468</b>	1	14.34 (1.33)	27" (685)	28 1/2" (723)	76 1/2" (1943)	18.39 (1.71)	14.34 (1.33)	34.89 (3.24)
<b>FWO6068</b>	2	34.33 (3.19)	64 5/8" (1641)	67 13/16" (1723)	76 1/2" (1943)	21.92 (2.04)	34.33 (3.19)	39.30 (3.65)
<b>FWO6068</b>	1	16.46 (1.52)	31" (787)	32 1/2" (826)	76 1/2" (1943)	21.92 (2.04)	16.46 (1.52)	39.30 (3.65)
<b>FWO21611</b>	-	-	-	-	-	6.13 (0.57)	-	14.00 (1.30)
<b>FWO27611</b>	1	13.48 (1.29)	25 1/8" (637)	26 11/16" (678)	79 3/8" (2016)	8.69 (0.81)	13.48 (1.29)	17.22 (1.60)
<b>FWO29611</b>	1	14.94 (1.39)	27 1/8" (688)	28 11/16" (729)	79 3/8" (2016)	9.61 (0.89)	14.94 (1.39)	18.36 (1.71)
<b>FWO31611</b>	1	17.15 (1.59)	31 1/8" (790)	32 11/16" (830)	79 3/8" (2016)	11.45 (1.06)	17.15 (1.59)	20.65 (1.92)
<b>FWO41611</b>	2	22.80 (2.12)	41 7/16" (1053)	44 5/8" (1133)	79 3/8" (2016)	12.20 (1.13)	22.80 (2.12)	27.44 (2.55)
<b>FWO41611</b>	1	10.67 (0.99)	19 3/8" (492)	20 7/8" (530)	79 3/8" (2016)	12.20 (1.13)	10.67 (0.99)	27.44 (2.55)
<b>FWO50611</b>	2	29.00 (2.69)	52 5/8" (1337)	55 13/16" (1418)	79 3/8" (2016)	17.38 (1.62)	29.00 (2.69)	33.87 (3.15)
<b>FWO50611</b>	1	13.78 (1.28)	25" (635)	26 1/2" (673)	79 3/8" (2016)	17.38 (1.62)	13.78 (1.28)	33.87 (3.15)
<b>FWO54611</b>	2	31.21 (2.90)	56 5/8" (1438)	59 13/16" (1519)	79 3/8" (2016)	19.22 (1.79)	31.21 (2.90)	36.15 (3.36)
<b>FWO54611</b>	1	14.88 (1.37)	27" (685)	28 1/2" (723)	79 3/8" (2016)	19.22 (1.79)	14.88 (1.38)	36.15 (3.36)
<b>FWO60611</b>	2	35.62 (3.31)	64 5/8" (1641)	67 13/16" (1723)	79 3/8" (2016)	22.91 (2.13)	35.62 (3.31)	40.73 (3.78)
<b>FWO60611</b>	1	17.08 (1.58)	31" (787)	32 1/2" (826)	79 3/8" (2016)	22.91 (2.13)	17.08 (1.58)	40.73 (3.78)
<b>FWO2180</b>	-	-	-	-	-	7.33 (0.68)	-	16.24 (1.51)
<b>FWO2780</b>	1	16.13 (1.50)	25 1/8" (637)	26 11/16" (678)	92 1/2" (2350)	10.41 (0.97)	16.13 (1.50)	19.96 (1.85)
<b>FWO2980</b>	1	17.42 (1.62)	27 1/8" (688)	28 11/16" (729)	92 1/2" (2350)	11.52 (1.07)	17.42 (1.62)	21.29 (1.98)
<b>FWO3180</b>	1	19.99 (1.86)	31 1/8" (790)	32 11/16" (830)	92 1/2" (2350)	13.72 (1.28)	19.99 (1.86)	23.94 (2.22)
<b>FWO4180</b>	2	26.57 (2.47)	41 7/16" (1053)	44 5/8" (1133)	92 1/2" (2350)	14.62 (1.36)	26.57 (2.47)	31.81 (2.96)
<b>FWO4180</b>	1	12.44 (1.15)	19 3/8" (492)	20 7/8" (530)	92 1/2" (2350)	14.62 (1.36)	12.44 (1.15)	31.81 (2.96)
<b>FWO5080</b>	2	33.80 (3.14)	52 5/8" (1337)	55 13/16" (1418)	92 1/2" (2350)	20.82 (1.93)	33.80 (3.14)	39.27 (3.65)
<b>FWO5080</b>	1	16.05 (1.49)	25" (635)	26 1/2" (673)	92 1/2" (2350)	20.82 (1.93)	16.05 (1.49)	39.27 (3.65)
<b>FWO5480</b>	2	36.37 (3.38)	56 5/8" (1438)	59 13/16" (1519)	92 1/2" (2350)	23.03 (2.14)	36.37 (3.38)	41.92 (3.89)
<b>FWO5480</b>	1	17.34 (1.61)	27" (685)	28 1/2" (723)	92 1/2" (2350)	23.03 (2.14)	17.34 (1.61)	41.92 (3.89)
<b>FWO6080</b>	2	41.51 (3.86)	64 5/8" (1641)	67 13/16" (1723)	92 1/2" (2350)	27.44 (2.55)	41.51 (3.86)	47.22 (4.39)
<b>FWO6080</b>	1	19.91 (1.85)	31" (787)	32 1/2" (826)	92 1/2" (2350)	27.44 (2.55)	19.91 (1.85)	47.22 (4.39)

\* Dimensions in parentheses are in millimeters or square meters.

\* For two-panel doors with only one panel open, clear opening is based on the active panel open and the passive panel closed.

## Frenchwood® Hinged Outswing Patio Door Details

Scale 1 1/2" (38) = 1'-0" (305) – 1:8

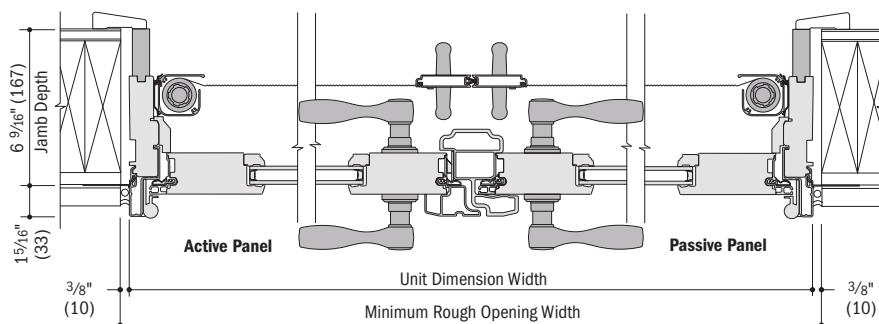


- 6 9/16" (167) jamb depth measurement is from backside of installation flange.
- Light-colored areas are parts included with door. Dark-colored areas are additional Andersen® parts required to complete door assembly as shown.
- Rough openings may need to be increased to allow for use of building wraps, flashing, sill panning, brackets, fasteners or other items. See installation information on pages 288-289.
- Details are for illustration only and are not intended to represent product installation methods or materials. Refer to product installation guides at [andersenwindows.com](http://andersenwindows.com).
- Dimensions in parentheses are in millimeters.

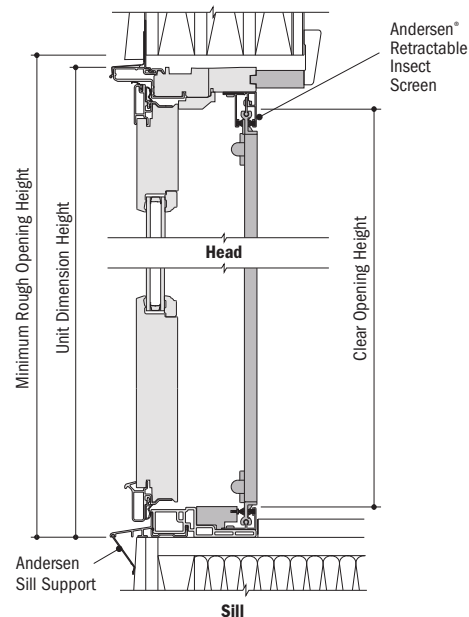


## Frenchwood® Hinged Outswing Patio Door Details

Scale 1 1/2" (38) = 1'-0" (305) – 1:8



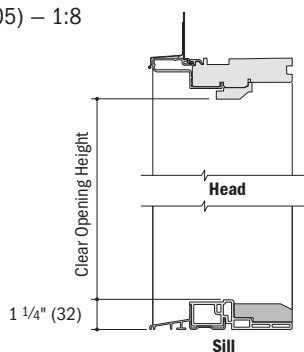
**Horizontal Section**  
Two-Panel



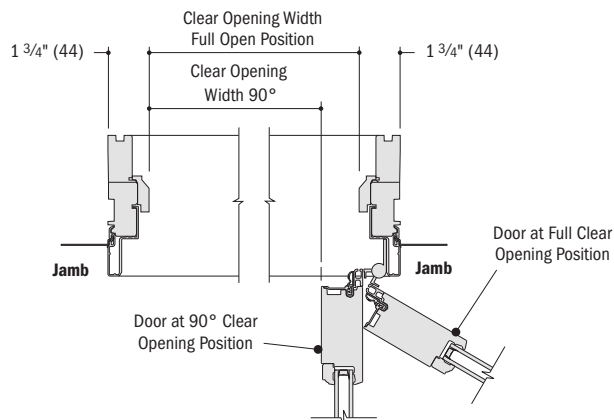
**Vertical Section**

## Clear Opening Details

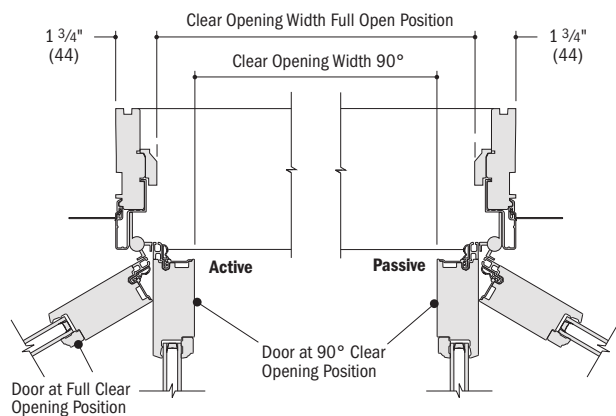
Scale 1 1/2" (38) = 1'-0" (305) – 1:8



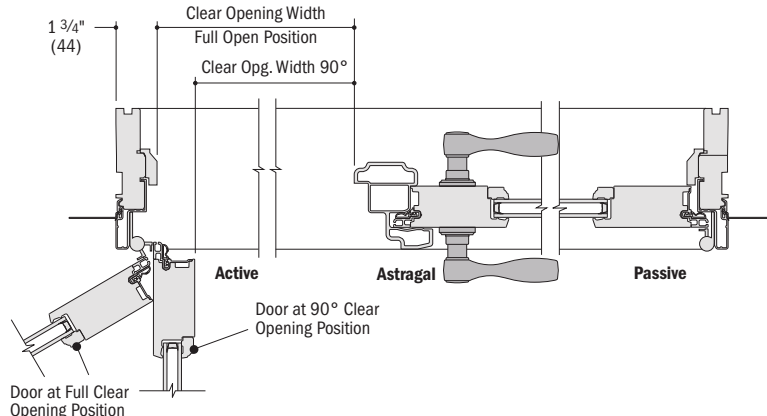
**Vertical Section**



**Horizontal Section**  
Active (open)



**Horizontal Section**  
Two-Panel, Active (open) and Passive (open)



**Horizontal Section**  
Two-Panel, Active (open) and Passive (closed)

- 6 9/16" (167) jamb depth measurement is from backside of installation flange.
- Light-colored areas are parts included with door. Dark-colored areas are additional Andersen® parts required to complete door 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 pages 288-289.**
- Details are for illustration only and are not intended to represent product installation methods or materials. Refer to product installation guides at [andersenwindows.com](http://andersenwindows.com).
- Dimensions in parentheses are in millimeters.

# FRENCHWOOD® HINGED PATIO DOORS — OUTSWING

## Vertical Joining Detail

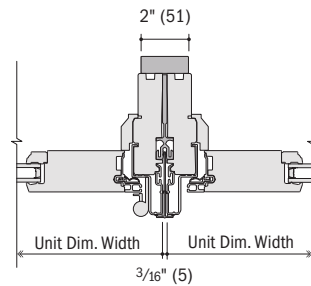
Scale 1 1/2" (38) = 1'-0" (305) — 1:8

### Overall Door Dimension Width

Sum of individual door widths  
plus 3/16" (5) for each join.

### Overall Rough Opening Width

Overall door dimension width  
plus 3/4" (19).



**Horizontal Section**  
Frenchwood® Hinged Outswing to  
Frenchwood Hinged Outswing

## Vertical Joining Detail – LVL

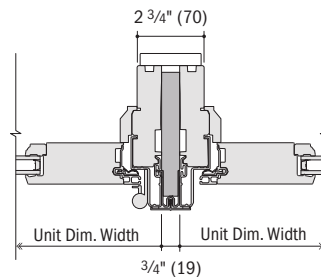
Scale 1 1/2" (38) = 1'-0" (305) — 1:8

### Overall Door Dimension Width

Sum of individual door widths  
plus 3/4" (19) for each join.

### Overall Rough Opening Width

Overall door width plus 3/4" (19).

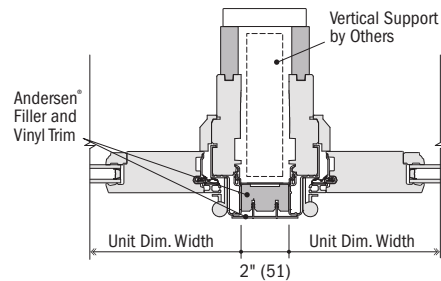


**Horizontal Section**  
Frenchwood® Hinged Outswing to  
Frenchwood Hinged Outswing

## Separate Rough Openings Detail

Scale 1 1/2" (38) = 1'-0" (305) — 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**  
Frenchwood® Hinged Outswing and  
Frenchwood Hinged Outswing

Andersen does not recommend joining of hinge jamb to hinge jamb. For more joining information see the combination designs section starting on page 255.

• Light-colored areas are parts included with door. Dark-colored areas are additional Andersen® parts required to complete door 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 pages 288-289.

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

• Andersen recommends installation of doors into separate rough openings. Consult with an architect or structural engineer regarding minimum requirements for structural support members between adjacent rough openings.

• Dimensions in parentheses are in millimeters.