

# Specialty Windows



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This full collection of stylish, graceful enhancements can be used in a variety of applications. They can make a signature statement — or provide a delicate lighting accent. Best of all, from circles to arches to custom-designed picture windows, you'll get the same uncompromised quality and value you expect from any Andersen® product.

## Features

### FRAME

**A** Wood frame members are treated with a water-repellent wood preservative for long-lasting\* protection and performance. Radii are made of laminated, continuous maple select hardwood (without finger joints), offering improved strength and appearance.

**B** The lineal sections of the jamb and sill on Andersen® Flexiframe®, custom arch, arch and enhancement windows are covered with a low-maintenance, glass fiber reinforced composite. The arched head members, and Springline™ units, are covered with stretch formed coated aluminum.

**C** The vinyl anchoring flange on Flexiframe, custom arch, arch, Springline™ and enhancement units extends 1-1/4" (32) around the entire perimeter of the unit (not applied). It helps secure the unit to the structure.



**D** The fastening system uses 1-1/2" (38) by 3" (76) stainless steel installation clips. The installation clips are screwed to the frame and fastened to the rough opening for secure installation. Optional 6" clips are available for use with pre-applied extension jambs.

Springline units are installed through the frame with #10 x 3" screws.

**D** Andersen Circle Top™, quarter round, elliptical, circle and oval windows are covered with a seamless rigid vinyl (PVC) pre-formed sheath. Low-maintenance exterior cladding provides long-lasting\* beauty in four exterior finish options. Specify White, Sandtone, Terratone® or Forest Green color.

**E** Pre-formed rigid vinyl sheath on the Andersen Circle Top™ quarter round, elliptical, circle and oval window frames forms a full perimeter flange for sealing the unit to the structure.

**F** Inside trim stop is made of unfinished clear pine. (Arch stops are select hardwood.) Arched trim stops are made with quality, full-length, select hardwood laminations. Units are shipped with the trim stops tacked on, so removal is easy, expediting finishing and joining procedures.

**G** Unfinished inside wood glazing stop helps secure the glass in place. Arched glazing stops are made with full-length select hardwood laminations.

**H** Interior wood stops are secured to frame using 1-1/2" 16-gauge crown staples instead of nails.

† On units up to 50 sq. ft.

^ On units up to 30 sq. ft.

### GLASS

**H** Consult local building codes for glass most suitable to your area. Glass options include:

- High-Performance™ Low-E4® impact-resistant glass†
- High-Performance™ Low-E4® Sun impact-resistant glass†
- High-Performance™ Low-E4® SmartSun™ impact-resistant glass†
- High-Performance™ Low-E4® tempered impact-resistant glass†
- High-Performance™ Low-E4® Sun tempered impact-resistant glass†
- High-Performance™ Low-E4® SmartSun™ tempered impact-resistant glass†
- Monolithic impact-resistant glass^
- Monolithic tinted impact-resistant glass^

\* For complete information on our limited warranties, visit [andersenwindows.com](http://andersenwindows.com) or contact your Andersen supplier.



Flexiframe® Window



Springline™ Window



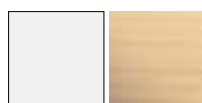
Circle/Oval Window

## Exterior



White Sandtone Terratone® Forest Green

## Interior



white pine

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

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



## Accessories

Sold Separately.

### INSTALLATION SYSTEM



The installation system includes 1-1/2" (38) by 3" (76) stainless steel installation clips for additional reinforcement. The installation clips are screwed to the frame and fastened to the rough opening for secure installation. Optional 6" clips are available for use with factory-applied or pre-applied extension jambs.

### FRAME

#### Extension Jambs

Specify extension jambs when ordering.

Standard unit jamb width is 2-7/8" (73), except for elliptical and double-hung Circle Top™ units, which are 4-1/2" (114).

Pine (or continuous laminated select hardwood) extension jambs are pre-drilled and available for the following wall thicknesses:

- 4-9/16" (116)
- 5-1/4" (133)
- 6-9/16" (167)
- 7-1/8" (181) (not pre-drilled)

Some sizes may be pine veneer. Springline™ window extension jambs and transition pieces are applied when ordered with the unit (key component block is also applied to units with a 48" (1219) radius).

#### Auxiliary Extension Jambs

For joining arch windows over casement or alongside awning windows. Available for the following wall thicknesses:

- 4-9/16" (116)
- 5-1/4" (133)
- 6-9/16" (167)
- 7-1/8" (181)

#### Interior Arch Casing

Available in colonial or ranch styles. Two transition blocks come with each arch casing. Arch window casings come with plinth blocks. Pine casings and additional profiles are also available. For easy integration and consistency, casing dimensions are consistent with Wood Moulding and Millwork Producers Association specifications.



2-1/4" (57) Colonial style, in oak and select hardwoods.\* WM366.



2-1/2" (64) Colonial style, in oak and select hardwoods.\* WM351.



3-1/2" (89) Colonial style, in oak and select hardwoods.\* WM444.



2-1/4" (57) Ranch style in oak and select hardwoods.\* WM324.

2-1/2" (64) Ranch style in oak and select hardwoods.\* WM315.

#### Plinth Blocks

For enhancing casing transitions. Decorated with a radial sunburst, or use the reverse side flush face.



For arch windows: 2-7/8" (73) x 4" (102) size for use with 2-1/4" (57) and 2-1/2" (64) casing, 3-7/8" (98) x 5-1/4" (133) for use with 3-1/2" (89) casing.



For Circle Top,™ elliptical, circle and oval windows: 2-7/8" (73) size for use with 2-1/4" (57) and 2-1/2" (64) casing, 3-7/8" (98) size for use with 3-1/2" (89) casing.



#### Key Block

Excellent for creating unique trim designs or accents at arch casing transitions. A key block is an option for Andersen circle and oval windows. Not available on units with monolithic glass.



#### Transition Piece

Two transition pieces come with the interior arch casing/extension jambs, providing a beautiful accent for circle and oval windows.

### GLASS

#### Andersen® Art Glass

Andersen art glass panels come in eleven original patterns, including four Frank Lloyd Wright® series designs. See the Andersen® Product Guide for details on Andersen art glass, or visit [andersenwindows.com/artglass](http://andersenwindows.com/artglass) for pattern information.

#### 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 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.

\* Select hardwoods for specialty window interior arch casing include Hard Maple, Red Maple, European Birch, White Poplar and White Aspen. The specific species used will be dependent upon availability.

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



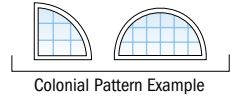
Learn more online at  
[andersenwindows.com](http://andersenwindows.com)

**Table of Basic Circle Top™ Window—Casement/Awning Sizes** Scale 1/8" = 1'-0" (1:96)

Unit Dimension	2'-0 1/8"	2'-4 3/8"	2'-7 1/2"	2'-11 15/16"	
(613)	(613)	(721)	(800)	(913)	
<b>Minimum Rough Opening</b>	2'-0 5/8"	2'-4 7/8"	2'-8"	3'-0 1/2"	
(625)	(625)	(733)	(813)	(927)	
Unobstructed Glass	19 1/2"	23 3/4"	26 7/8"	31 5/16"	
(495)	(603)	(683)	(795)		
<b>CTQC1</b>	<b>CTQCW1</b>	<b>CTQCX1 ‡</b>	<b>CTQA3</b>	<b>Renaissance Pattern</b>	<b>Sunburst Pattern</b>
Unit Dimension	2'-0 1/8"	2'-4 3/8"	2'-7 1/2"	2'-11 15/16"	
(613)	(613)	(721)	(800)	(913)	
<b>Minimum Rough Opening</b>	2'-0 5/8"	2'-4 7/8"	2'-8"	3'-0 1/2"	
(625)	(625)	(733)	(813)	(927)	
Unobstructed Glass	19 1/2"	23 3/4"	26 7/8"	31 5/16"	
(495)	(603)	(683)	(795)		
<b>CTC1</b>	<b>CTCW1</b>	<b>CTCX1 ‡</b>	<b>CTCXW1</b>	<b>Renaissance Pattern</b>	<b>Sunburst Pattern</b>
Unit Dimension	4'-0"	4'-8 1/2"	5'-2 3/4"	5'-11 7/8"	
(1219)	(1435)	(1594)	(1826)		
<b>Minimum Rough Opening</b>	4'-0 1/2"	4'-9"	5'-3 1/4"	6'-0 3/8"	
(1232)	(1448)	(1607)	(1838)		
Unobstructed Glass	43 3/8"	51 7/8"	58 1/8"	67 1/4"	
(1102)	(1318)	(1476)	(1708)		
<b>CTC2</b>	<b>CTCW2</b>	<b>CTCX2 ‡</b>	<b>CTC3</b>	<b>Renaissance Pattern</b>	<b>Sunburst Pattern</b>

Sizes on this page are shown with Renaissance and Sunburst grille patterns.

Colonial Grille Patterns are also available. For more information on Andersen divided light, see pages 2-3 or visit [andersenwindows.com/grilles](http://andersenwindows.com/grilles).



**Table of Basic Circle Top™ Window—Double-Hung Sizes** Scale 1/8" = 1'-0" (1:96)

Unit Dimension	2'-1 5/8"	2'-5 5/8"	2'-9 5/8"	3'-1 5/8"	3'-5 5/8"
(651)	(752)	(854)	(956)	(1057)	
<b>Minimum Rough Opening</b>	2'-2 1/8"	2'-6 1/8"	2'-10 1/8"	3'-2 1/8"	3'-6 1/8"
(664)	(765)	(867)	(968)	(1070)	
Unobstructed Glass	20 3/8"	24 3/8"	28 3/8"	32 3/8"	36 3/8"
(518)	(619)	(721)	(822)	(924)	
<b>CTN20</b>	<b>CTN24</b>	<b>CTN28</b>	<b>CTN30</b>	<b>CTN34</b>	<b>Renaissance Pattern</b>
Unit Dimension	5'-7 5/16"	6'-3 5/16"			
(1710)	(1913)				
<b>Minimum Rough Opening</b>	5'-7 7/8"	6'-3 7/8"			
(1724)	(1927)				
Unobstructed Glass	62 1/16"	70 1/16"			
(1576)	(1780)				
<b>CTN28-2</b>	<b>CTN30-2</b>	<b>Renaissance Pattern</b>	<b>Sunburst Pattern</b>		

NOTE: Picture window grille alignment may not coincide with Circle Top™ grille pattern when transom joined.

Special order picture window grilles to align with CT2 and CT3 are available. Contact your Andersen supplier.

- For custom grille alignment options for specialty windows, contact your Andersen supplier or visit [andersenwindows.com/grilles](http://andersenwindows.com/grilles).
- Rough opening dimensions may need to be increased to allow for use of building wraps, flashing, sill panning, brackets, fasteners or other items. See page 7 for more details.
- Andersen® art glass panels are available for all sizes on this page.
- "Unit Dimension" always refers to outside frame to frame dimension.
- Dimensions in parentheses are in millimeters.
- When ordering, be sure to specify color desired: White, Sandtone, Terratone® or Forest Green.

‡ Contact your Andersen supplier for availability of Andersen® art glass panels for these sizes.

**Table of Basic Elliptical Window Sizes** Scale 1/8" = 1'-0" (1:96)

Unit Dimension	5'-11 1/4"	7'-11 1/4"
	(1810)	(2419)
<b>Minimum Rough Opening</b>	6'-0"	8'-0"
	(1829)	(2438)
Unobstructed Glass	66 1/4"	90 1/4"
	(1683)	(2292)

1'-4 3/4"	1'-5 3/8"	1'-7 7/8"				1'-9"	1'-9 5/8"	16 1/8"			
(425)	(441)	(302)				(533)	(549)	(410)			

ET6	ET8
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**Standard Grilles / Size Compatibility**



ET6, FWG & FWH



ET8, FWG & FWH

**Renaissance Pattern**



ET6, C, PD & NL

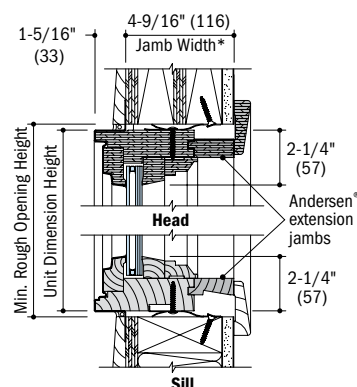


ET8, C, PD & NL

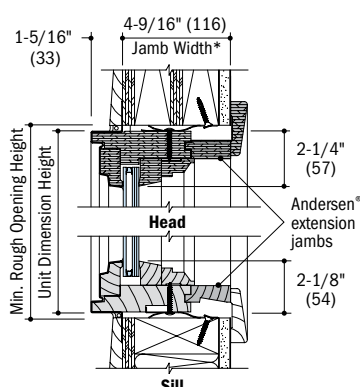
**Sunburst Pattern**

- Renaissance and Sunburst patterns are available in Finelight™ units, specified divided light or with removable interior grilles.
- For custom grille alignment options for specialty windows, contact your Andersen supplier or visit [andersenwindows.com/grilles](http://andersenwindows.com/grilles)
- Rough opening dimensions may need to be increased to allow for use of building wraps, flashing, sill panning, brackets, fasteners or other items. See page 7 for more details.
- Andersen® art glass panels are available for these sizes.
- "Unit Dimension" always refers to outside frame to frame dimension.
- Dimensions in parentheses are in millimeters.
- When ordering, be sure to specify color desired: White, Sandtone, Terratone® or Forest Green.

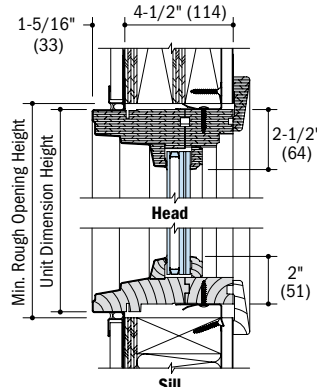
**Basic Unit and Rough Opening Details** Scale 1-1/2" = 1'-0" (1:8)



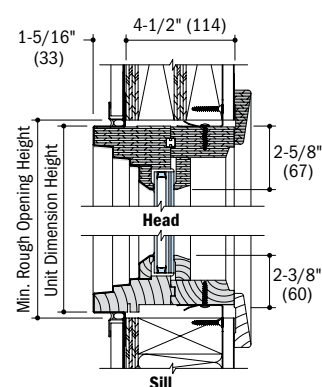
**Vertical Section**  
**Circle Top™ (Casement/Awning)**  
(High-Performance™ Low-E4® Impact-Resistant Glass)



**Vertical Section**  
**Quarter Round (Casement/Awning)**  
(High-Performance™ Low-E4® Impact-Resistant Glass)



**Vertical Section**  
**Elliptical**  
(High-Performance™ Low-E4® Impact-Resistant Glass)



**Vertical Section**  
**Circle Top™ (Double-Hung)**  
(High-Performance™ Low-E4® Impact-Resistant Glass)

\* 4-9/16" measurement is from the backside of the anchoring flange to edge of extension jamb.

**Circle Top™ Window-Casement/Awning Glass Area**

Unit Number	Glass Sq. Ft.	(m²)
CTQC1	1.9	(0.177)
CTC1	1.0	(0.093)
CTQCW1	3.0	(0.279)
CTCW1	1.5	(0.139)
CTQA3	5.2	(0.483)
CTCXW1	2.7	(0.251)
CTC2	5.1	(0.474)
CTCW2	7.3	(0.678)
CTC3	12.3	(1.143)
CTQCX1	3.8	(0.353)
CTCX1	2.0	(0.186)
CTCX2	9.3	(0.864)

**Circle Top™ Window-Double-Hung Glass Area**




Unit Number	Glass Sq. Ft.	(m²)
CTN20	1.1	(0.102)
CTN24	1.6	(0.149)
CTN28	2.2	(0.204)
CTN30	2.8	(0.260)
CTN34	3.6	(0.335)
CTN28-2	10.5	(0.975)
CTN30-2	13.4	(1.245)

**Elliptical Glass Area**

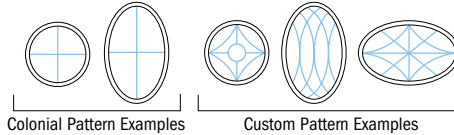
Unit Number	Glass Sq. Ft.	(m²)
ET6	4.3	(0.399)
ET8	8.0	(0.743)

## Table of Basic Circle and Oval Unit Sizes Scale 1/8" = 1'-0" (1:96)




### Circle Window with Renaissance Grille Pattern

Unit Dimension	2'-0 1/8" (613)	2'-4 3/8" (721)	2'-11 15/16" (913)
<b>Minimum Rough Opening</b>	2'-0 5/8" (625)	2'-4 7/8" (733)	3'-0 1/2" (927)
Unobstructed Glass	19 3/4" (502)	24" (610)	31 9/16" (802)
			
	<b>CIR20</b>	<b>CIR24</b>	<b>CIR30</b>

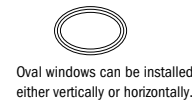
Colonial and Custom Grille specified equal light patterns are also available. For more information on Andersen divided light, see page 2-3 or visit [andersenwindows.com/grilles](http://andersenwindows.com/grilles).



### Oval Window with Renaissance Grille Pattern

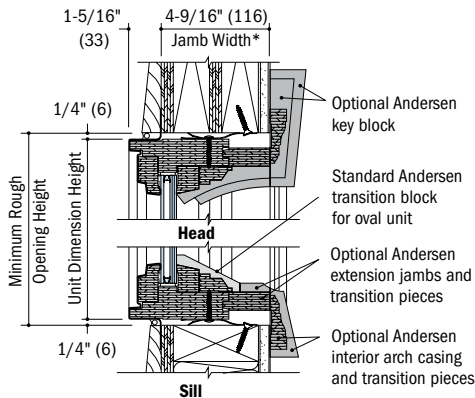
Unit Dimension	1'-7 3/4" (502)	2'-0" (610)	3'-0" (914)
<b>Minimum Rough Opening</b>	1'-8 1/4" (514)	2'-0 1/2" (622)	3'-0 1/2" (927)
Unobstructed Glass	15 3/8" (391)	19 3/8" (492)	31 3/8" (797)
			
	<b>OVL1824</b>	<b>OVL2030</b>	<b>OVL3048</b>

#### Horizontal Installation



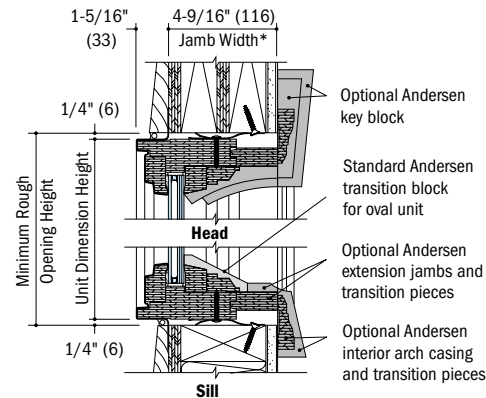
- Rough opening dimensions may need to be increased to allow for use of building wraps, flashing, sill panning, brackets, fasteners or other items. See page 7 for more details.
- Andersen® art glass panels are available in Classic Series and Artisan Series designs only for all sizes on this page.

## Basic Unit and Rough Opening Details Scale 3" = 1'-0" (1:4)



### Vertical Section - Circle Unit

(High-Performance™ Low-E4® Impact-Resistant Glass)



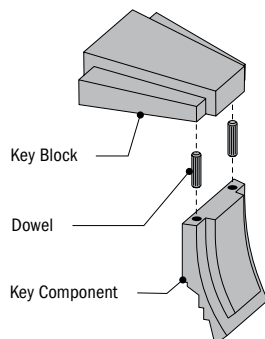
### Vertical Section - Oval Unit

(High-Performance™ Low-E4® Impact-Resistant Glass)

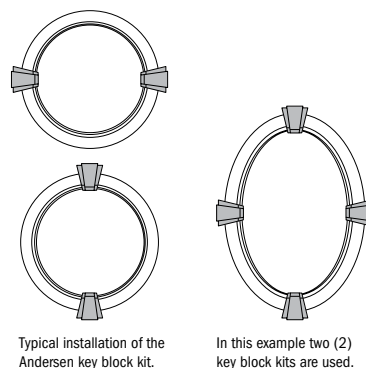
- \* 4-9/16" measurement is from backside of anchoring flange to edge of extension jamb.
- Rough opening dimensions may need to be increased to allow for use of building wraps, flashing, sill panning, brackets, fasteners or other items. See page 7 for more details.

### Andersen® Key Block Kit

Available in maple or oak. Each kit includes two (2) key blocks and two (2) key components, enough to do both sides or top and bottom. Not available for units with monolithic impact-resistant glass.



### Installation Examples



### Circle and Oval Window Glass Area

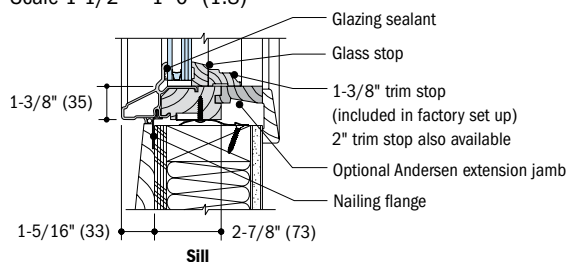
Unit Number	Glass	
	Sq. Ft.	(m²)
<b>CIR20</b>	2.1	(0.195)
<b>CIR24</b>	3.0	(0.279)
<b>CIR30</b>	5.2	(0.483)
<b>OVL1824</b>	1.9	(0.177)
<b>OVL2030</b>	3.2	(0.297)
<b>OVL3048</b>	8.7	(0.808)

**CAUTION:** In masonry wall construction, provide a minimum of 1/2" clearance from the top of the brick or masonry to the bottom of any portion of the sill. Failure to do so could result in product damage. Fill the void with closed cell foam backer rod and sealant. Be sure to allow for dimensional change of framework.

NOTE: See installation information starting on page 6.

## Flexiframe® Windows

### Sill Detail Scale 1-1/2" = 1'-0" (1:8)



#### Minimum and Maximum Limits for Flexiframe® Units

Flexiframe® windows may be assembled in almost any shape, or in any size, with these minimum and maximum limits:

- May not have any angle less than 14°.
- May not exceed a maximum glass area greater than 50 square feet glass dimension for High-Performance™ Low-E4® tempered impact-resistant glass.
- May not exceed a maximum glass area greater than 30 square feet glass dimension for monolithic impact-resistant glass.
- Square footage is based on a square or rectangular glass shape.
- No leg may be less than 9" (6" glass dimension).
- Maximum width on short leg may not exceed 84" glass dimension.
- One leg must be less than 72" glass dimension.
- No dimension can exceed 120" glass dimension.



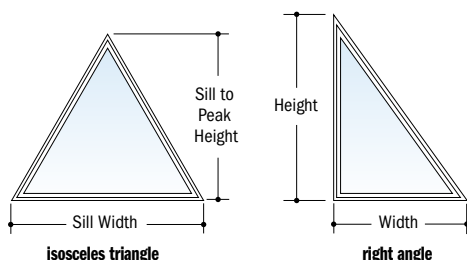
#### Hexagons

Flexiframe® hexagon units are available either as equilateral hexagons where all six sides are equal or as a hexagon with non-equal sides. Equilateral hexagons are specified by identifying the length of one side. Hexagons have a top parallel to and centered over the base. They are specified by identifying their height, top leg, base, and vertical leg lengths. Their total area may not exceed 50 square feet glass dimension (High-Performance™ Low-E4® tempered impact-resistant glass), and sides may be any dimension between 9" and 42".

#### Octagons

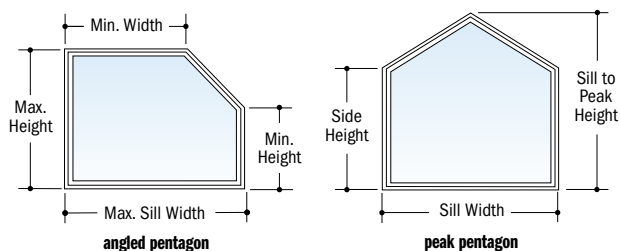
Flexiframe® octagon units are available only as equilateral units. All angles and sides must be equal. They may be specified by identifying the length of one of their sides. Their total area may not exceed 50 square feet glass dimension, and sides may be any dimension between 9" and 36".

NOTE: Standard octagons are available in 2', 2'-4" and 3' unit dimension sizes. See the Enhancement Windows size table for information on these sizes.



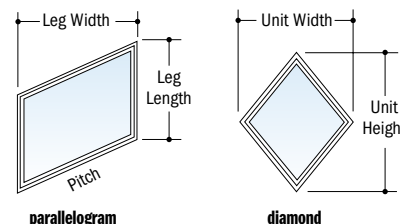
#### Triangles

Triangular Flexiframe® units are available in either isosceles or right triangle configurations. Isosceles triangles have two sides of equal length and equal slope. They should be specified by the width of their sill and their height from sill to peak. Right triangles have a 90° angle and may be defined by the length of the two legs extending from the 90° corner. Flexiframe triangles may not have an angle less than 14°, a leg less than 9", or an area (the product of its sill width multiplied by the height) greater than 50 square feet glass dimension.



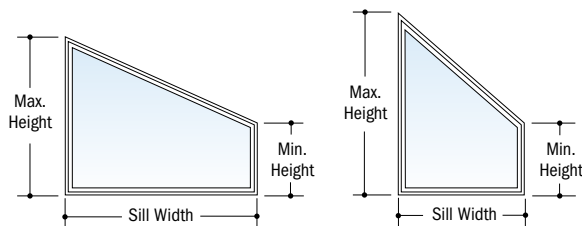
#### Pentagons

Flexiframe® pentagon units are the most complex of the possible, available shapes. They are available as either angled or peaked pentagons. Angled pentagons are distinguished by their angle cut, or the "cut-off corner", sloping left or right. Angled pentagons are specified by identifying the minimum width (top), maximum width (sill), minimum height (short side), and their maximum height (long side). Flexiframe® angled pentagons may not have an angle less than 14°, a leg less than 9", or an area (the product of its sill width multiplied by the height) greater than 50 square feet glass dimension. Peaked pentagons have a sill, two sides of equal length extending at right angles from the sill, and two sloped sides of equal length coming to a peak midway above the sill. Peaked pentagons are specified by identifying the width (sill), the height of one side, and the height from the sill to the peak. Flexiframe peaked pentagon units may not have an angle less than 14°, a leg less than 9", or an area (the product of its sill width multiplied by the height) greater than 50 square feet glass dimension.



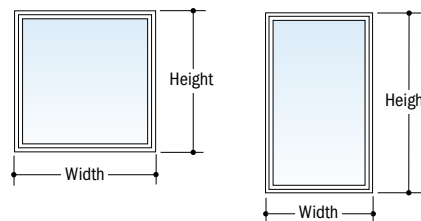
#### Parallelograms/Diamonds

Flexiframe® horizontal and vertical parallelogram units are specified by identifying the length of two vertical legs and unit dimension width, along with pitch. Flexiframe diamond shape units are specified by identifying unit dimension width and unit dimension height (all four sides will be equal length). Flexiframe parallelogram and diamond shape units may not have an angle less than 14°, a leg less than 9", or an area greater than 50 square feet glass dimension.



#### Trapezoids

Flexiframe® trapezoid units are available with an angle face cut sloped to the left, or an angle face cut sloped to the right. They are specified by identifying their width (sill), selecting the minimum height (short side), and selecting the maximum height (long side). They are often specified so the angled top matches the slope of the roof. Flexiframe trapezoid units may not have an angle less than 14°, a leg less than 9", or an area (the product of its sill width multiplied by the height) greater than 50 square feet glass dimension (High-Performance™ Low-E4® tempered impact-resistant glass).



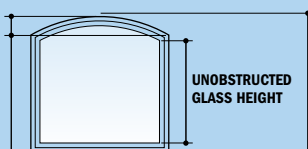
























































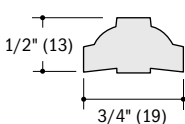
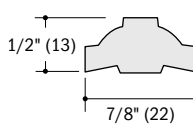
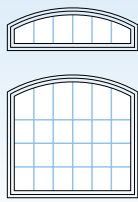
#### Rectangles

Rectangles as a category include both squares and rectangles. Flexiframe® rectangle units should be specified by identifying their width and height. Sides of Flexiframe rectangle units may be any dimension between 9" and 120". The overall area defined by the rectangle may not exceed 50 square feet glass dimension.



**Table of Basic Sizes—Arch Window with Renaissance, Sunburst and Colonial Grille** Scale 1/8" = 1'-0" (1:96)

Custom Sizes Also Available

		<b>Determining Arch Window Height Dimensions</b> <b>Unit Height:</b> add the shoulder height to the chord height (see below for these dimensions). <b>Rough Opening Height:</b> add 1/2" (13mm) to the unit height, or refer to the Arch Window Rough Opening Height chart. <b>Unobstructed Glass Height:</b> subtract 4-3/4" (121mm) from the unit height.								
<b>CHORD HEIGHT</b>	3 1/4" (83)	4 21/32" (118)	4 13/16" (122)	6 7/16" (164)	7 1/16" (179)	7 13/16" (198)	9 7/16" (240)	12 5/8" (321)		
Radius	2' (610)	2' (610)	3' (914)	4' (1219)	5' (1524)	5' (1524)	6' (1829)	8' (2438)		
Unit Dimension	2'-0 1/8" (613)	2'-4 3/8" (721)	2'-11 15/16" (913)	4'-0" (1219)	4'-8 1/2" (1435)	4'-11 1/4" (1505)	5'-11 1/4" (1810)	7'-11 1/8" (2416)		
Minimum Rough Opg.	2'-0 5/8" (625)	2'-4 7/8" (733)	3'-0 1/2" (927)	4'-0 1/2" (1232)	4'-9" (1448)	4'-11 3/4" (1518)	5'-11 3/4" (1822)	7'-11 5/8" (2429)		
Unobstructed Glass	19 3/8" (492)	23 5/8" (600)	31 3/16" (792)	43 1/4" (1099)	51 3/4" (1314)	54 1/2" (1384)	66 1/2" (1689)	90 3/8" (2296)		
See notes above for determining unit and rough opening heights  <b>SHOULDER HEIGHT</b> 6" (152) 12" (305) 2'-0 1/8" (613) 2'-11 15/16" (913) 2'-11 15/16" (1037) 3'-4 13/16" (1037) 4'-0" (1219) 4'-4 13/16" (1341)	 <b>AFC106*</b>	 <b>AFCW106*</b>	 <b>AFCP3006*</b>	 <b>AFC206*</b>	 <b>AFCW206*</b>	 <b>AFFW5006*</b>	 <b>AFFW6006*</b>	 <b>AFFW8006*</b>		
	 <b>AFC11*</b>	 <b>AFCW11*</b>	 <b>AFCP301*</b>	 <b>AFC21*</b>	 <b>AFCW21*</b>	 <b>AFFW501*</b>	 <b>AFFW601*</b>	 <b>AFFW801*</b>		
	 <b>AFC12</b>	 <b>AFCW12</b>	 <b>AFCP302</b>	 <b>AFC22</b>	 <b>AFCW22</b>	 <b>AFFW502</b>	 <b>AFFW602</b>	 <b>AFFW802</b>		
	 <b>AFC13</b>	 <b>AFCW13</b>	 <b>AFCP303</b>	 <b>AFC23</b>	 <b>AFCW23</b>	 <b>AFFW503</b>	 <b>AFFW603</b>	 <b>AFFW803</b>		
	 <b>AFC135</b>	 <b>AFCW135</b>	 <b>AFCP3035</b>	 <b>AFC235</b>	 <b>AFCW235</b>	 <b>AFFW5035</b>	 <b>AFFW6035</b>	 <b>AFFW8035</b> (H.P.I.R. only)		
	 <b>AFC14</b>	 <b>AFCW14</b>	 <b>AFCP304</b>	 <b>AFC24</b>	 <b>AFCW24</b>	 <b>AFFW504</b>	 <b>AFFW604</b>	 <b>AFFW804</b> (H.P.I.R. only)		
	 <b>AFC145</b>	 <b>AFCW145</b>	 <b>AFCP3045</b>	 <b>AFC245</b>	 <b>AFCW245</b>	 <b>AFFW5045</b>	 <b>AFFW6045</b>	 <b>AFFW8045</b> (H.P.I.R. only)		
	↑ Standard grille pattern for units above ↑								↑ Standard grille pattern for units above ↑	
	<b>Casement / Awning compatible</b> For other grille profiles see page 2-3.								<b>Frenchwood® patio door compatible</b> For other grille profiles see page 2-3.	
	<b>Colonial Grille Pattern</b>  Available for all sizes on this page.									

\* These units are shown with the Sunburst grille pattern. All other sizes (except where noted) are shown with the Renaissance grille pattern. Colonial grille pattern available for all sizes on this page.

Finelight™ only available in 3/4" width.

NOTE: Grille patterns for units with shoulder heights of 12" or less do not include horizontal dividers.

- Rough opening dimensions may need to be increased to allow for use of building wraps, flashing, sill panning, brackets, fasteners or other items. See page 7 for more details.
- "Unit Dimension" always refers to outside frame to frame dimension.
- Arch window units are stationary.

- Dimensions in parentheses are in millimeters.
- When ordering, be sure to specify color desired: White, Sandtone, Terratone® or Forest Green.
- Combinations of window units joined together may require horizontal or vertical reinforcement. This reinforcement should be specified by a professional engineer. Contact your Andersen supplier for more information.



**Table of Basic Sizes—Arch Window with Renaissance and Colonial Grille** Scale 1/8" = 1'-0" (1:96)

Custom Sizes Also Available

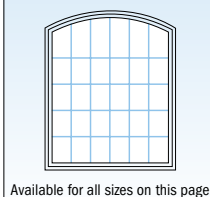
<div>CHORD HEIGHT</div> <div>+</div> <div>SHOULDER HEIGHT</div>		<div>UNOBSTRUCTED GLASS HEIGHT</div>		<div>ROUGH OPENING HEIGHT</div>		<div>Determining Arch Window Height Dimensions</div> <div>Unit Height: add the shoulder height to the chord height (see below for these dimensions).</div> <div>Rough Opening Height: add 1/2" (13mm) to the unit height, or refer to the Arch Window Rough Opening Height chart.</div> <div>Unobstructed Glass Height: subtract 4-3/4" (121mm) from the unit height.</div>											
CHORD HEIGHT		3 1/4" (83)	4 21/32" (118)	4 13/16" (122)	6 7/16" (164)	7 1/16" (179)	7 13/16" (198)	9 7/16" (240)	12 5/8" (321)								
Radius		2' (610)	2' (610)	3' (914)	4' (1219)	5' (1524)	5' (1524)	6' (1829)	8' (2438)								
Unit Dimension		2'-0 1/8" (613)	2'-4 3/8" (721)	2'-11 15/16" (913)	4'-0" (1219)	4'-8 1/2" (1435)	4'-11 1/4" (1505)	5'-11 1/4" (1810)	7'-11 1/8" (2416)								
Minimum Rough Opg.		2'-0 5/8" (625)	2'-4 7/8" (733)	3'-0 1/2" (927)	4'-0 1/2" (1232)	4'-9" (1448)	4'-11 3/4" (1518)	5'-11 3/4" (1822)	7'-11 5/8" (2429)								
Unobstructed Glass		19 3/8" (492)	23 5/8" (600)	31 3/16" (792)	43 1/4" (1099)	51 3/4" (1314)	54 1/2" (1384)	66 1/2" (1689)	90 3/8" (2296)								
										<div>Grille alignment with other Andersen products.</div> <div>All vertical arch window grille members were designed to be equally spaced. Vertical alignment may not coincide when units are transom joined. All horizontal grille members were designed to line up with corresponding casement sizes. See your Andersen retailer for alignment options. Special order arch window grilles are available to achieve proper alignment.</div>							
										<div>See notes above for determining unit and rough opening heights</div> <div>SHOULDER HEIGHT</div> <div>4'-11 7/8" (1521)</div> <div>5'-4 13/16" (1646)</div> <div>5'-11 7/8" (1826)</div> <div>8'-0 1/8" (2442)</div>							
										<div>AFC15</div> <div>AFCW15</div> <div>AFCP305</div> <div>AFC25</div> <div>AFCW25</div> <div>AFFW505</div> <div>AFFW605 (H.P.I.R. only)</div> <div>AFFW805 (H.P.I.R. only)</div>							
										<div>AFC155</div> <div>AFCW155</div> <div>AFCP3055</div> <div>AFC255</div> <div>AFCW255</div> <div>AFFW5055 (H.P.I.R. only)</div> <div>AFFW6055 (H.P.I.R. only)</div>							
										<div>AFC16</div> <div>AFCW16</div> <div>AFCP306</div> <div>AFC26</div> <div>AFCW26</div> <div>AFFW506 (H.P.I.R. only)</div> <div>AFFW606 (H.P.I.R. only)</div>							
										<div>AFC18</div> <div>AFCW18</div> <div>AFCP308</div> <div>AFC28 (H.P.I.R. only)</div> <div>AFCW28 (H.P.I.R. only)</div> <div>AFFW508 (H.P.I.R. only)</div> <div>AFFW608 (H.P.I.R. only)</div>							
										<div>Standard grille pattern for units above</div> <div>Standard grille pattern for units above</div>							
										<div>Casement / Awning compatible</div> <div>For other grille profiles see page 2-3.</div> <div>1/2" (13)</div> <div>3/4" (19)</div>							
										<div>Frenchwood® patio door compatible</div> <div>For other grille profiles see page 2-3.</div> <div>1/2" (13)</div> <div>7/8" (22)</div>							

### Grille alignment with other Andersen® products.

All vertical arch window grille members were designed to be equally spaced. Vertical alignment may not coincide when units are transom joined. All horizontal grille members were designed to line up with corresponding casement sizes. See your Andersen retailer for alignment options. Special order arch window grilles are available to achieve proper alignment.

Sizes on this page are shown with the Renaissance grille pattern. Colonial grille pattern also available for all sizes. Finelight™ only available in 3/4" width.

### Colonial Grille Pattern



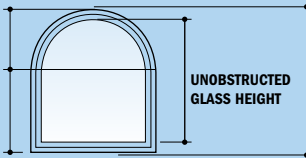


















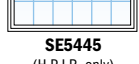
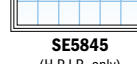










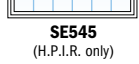
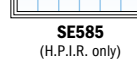










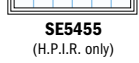
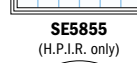

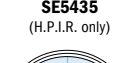
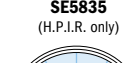
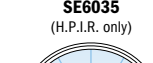



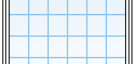
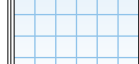
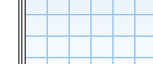
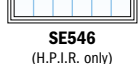
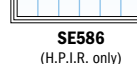

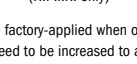
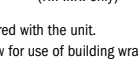
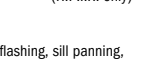

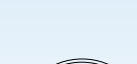

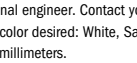
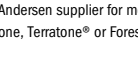
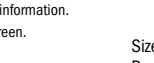


NOTE: Grille patterns for units with shoulder heights of 12" or less do not include horizontal dividers.

- Rough opening dimensions may need to be increased to allow for use of building wraps, flashing, sill panning, brackets, fasteners or other items. See page 7 for more details.
- "Unit Dimension" always refers to outside frame to frame dimension.
- Arch window units are stationary.

- Dimensions in parentheses are in millimeters.
- When ordering, be sure to specify color desired: White, Sandtone, Terratone® or Forest Green.
- Combinations of window units joined together may require horizontal or vertical reinforcement. This reinforcement should be specified by a professional engineer. Contact your Andersen supplier for more information.

**Table of Basic Sizes—Springline™ Window with Renaissance and Colonial Grille** Scale 1/8" = 1'-0" (1:96)

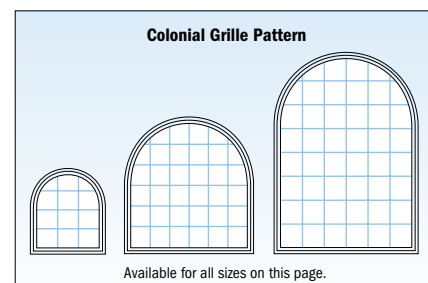
Custom Sizes Also Available

		<b>Determining Springline™ Window Height Dimensions</b> <b>Unit Height:</b> add the shoulder height to the chord height (see below for these dimensions). <b>Rough Opening Height:</b> add 1/2" (13mm) to the unit height, or refer to the Springline Window Rough Opening Height chart. <b>Unobstructed Glass Height:</b> subtract 4-3/4" (121mm) from the unit height.							
CHORD HEIGHT		18 3/4" (476)	32 1/4" (819)	34 1/4" (870)	36" (914)	18 3/4" (476)	32 1/4" (819)	34 1/4" (870)	36" (914)
Radius									
Unit Dimension		3'-1 1/2" (953)	5'-4 1/2" (1638)	5'-8 1/2" (1740)	6'-0" (1829)	3'-1 1/2" (953)	5'-4 1/2" (1638)	5'-8 1/2" (1740)	6'-0" (1829)
Minimum Rough Opp.		3'-2" (965)	5'-5" (1651)	5'-9" (1753)	6'-0 1/2" (1842)	3'-2" (965)	5'-5" (1651)	5'-9" (1753)	6'-0 1/2" (1842)
Unobstructed Glass		32 3/4" (832)	59 3/4" (1518)	63 3/4" (1619)	67 1/4" (1708)	32 3/4" (832)	59 3/4" (1518)	63 3/4" (1619)	67 1/4" (1708)
<b>SHOULDER HEIGHT</b> See notes above for determining unit and rough opening heights		6" (152)					4'-4 13/16" (1341)		
		12" (305)					4'-11 7/8" (1521)		
		2'-0 1/8" (613)					5'-4 13/16" (1646)		
		2'-11 15/16" (913)					5'-11 7/8" (1826)		
		3'-4 13/16" (1037)							
		4'-0" (1219)							
									
									
									
									
		SE3106	SE5406	SE5806	SE6006	SE3145	SE5445 (H.P.I.R. only)	SE5845 (H.P.I.R. only)	SE6045 (H.P.I.R. only)
		SE311	SE541	SE581	SE601	SE315	SE545 (H.P.I.R. only)	SE585 (H.P.I.R. only)	SE605 (H.P.I.R. only)
		SE312	SE542	SE582	SE602	SE3155	SE5455 (H.P.I.R. only)	SE5855 (H.P.I.R. only)	SE6055 (H.P.I.R. only)
		SE313	SE543 (H.P.I.R. only)	SE583 (H.P.I.R. only)	SE603 (H.P.I.R. only)	SE316	SE546 (H.P.I.R. only)	SE586 (H.P.I.R. only)	
		SE3135	SE5435 (H.P.I.R. only)	SE5835 (H.P.I.R. only)	SE6035 (H.P.I.R. only)				
		SE314	SE544 (H.P.I.R. only)	SE584 (H.P.I.R. only)	SE604 (H.P.I.R. only)				

NOTE: Springline™ extension jambs are factory-applied when ordered with the unit.

- Rough opening dimensions may need to be increased to allow for use of building wraps, flashing, sill panning, brackets, fasteners or other items. See page 7 for more details.
- "Unit Dimension" always refers to outside frame to frame dimension.
- Combinations of window units joined together may require horizontal or vertical reinforcement. This reinforcement should be specified by a professional engineer. Contact your Andersen supplier for more information.
- When ordering, be sure to specify color desired: White, Sandtone, Terratone® or Forest Green.
- Dimensions in parentheses are in millimeters.
- Springline window units are stationary.

Sizes on this page are shown with the Renaissance grille pattern. Colonial grille pattern also available for all sizes.



## Table of Basic Sizes—Springline™ Window with Renaissance and Colonial Grille Scale 1/8" = 1'-0" (1:96)

Custom Sizes Also Available

**CHORD HEIGHT**  
+  
**SHOULDER HEIGHT**

**UNOBSTRUCTED GLASS HEIGHT**

**ROUGH OPENING HEIGHT**

**Determining Springline™ Window Height Dimensions**

**Unit Height:** add the shoulder height to the chord height (see below for these dimensions).

**Rough Opening Height:** add 1/2" (13mm) to the unit height, or refer to the Springline Window Rough Opening Height chart.

**Unobstructed Glass Height:** subtract 4-3/4" (121mm) from the unit height.

**CHORD HEIGHT**

	24" (610)	48" (1219)	24" (610)
Radius	2' (610)	4' (1219)	2' (610)
Unit Dimension	4'-0" (1219)	8'-0" (2438)	4'-0" (1219)
<b>Minimum Rough Opg.</b>	4'-0 1/2" (1232)	8'-0 1/2" (2451)	4'-0 1/2" (1232)
Unobstructed Glass	43 1/4" (1099)	91 1/4" (2318)	43 1/4" (1099)

**CHORD HEIGHT**

	30 13/16" (783)	41 9/16" (1056)
Radius	3' (914)	4' (1219)
Unit Dimension	5'-11 1/4" (1810)	7'-11 1/8" (2416)
<b>Minimum Rough Opg.</b>	5'-11 3/4" (1822)	7'-11 5/8" (2429)
Unobstructed Glass	66 1/2" (1689)	90 3/8" (2296)

See notes above for determining unit and rough opening heights

**SHOULDER HEIGHT**

SHOULDER HEIGHT	SP8006 (H.P.I.R. only)	SP4045	SP801 (H.P.I.R. only)	SP402	SP802 (H.P.I.R. only)	SP403	SP4035	SP404
6" (152)								
12" (305)								
2'-0 1/8" (613)								
2'-11 15/16" (913)								
2'-11 13/16" (1037)								
3'-4 13/16" (1037)								
4'-0" (1219)								

See notes above for determining unit and rough opening heights

**SHOULDER HEIGHT**

SHOULDER HEIGHT	SP405	SP4055	SP406 (H.P.I.R. only)
4'-4 13/16" (1341)			
4'-11 7/8" (1521)			
5'-4 13/16" (1646)			
5'-11 7/8" (1826)			

See notes above for determining unit and rough opening heights

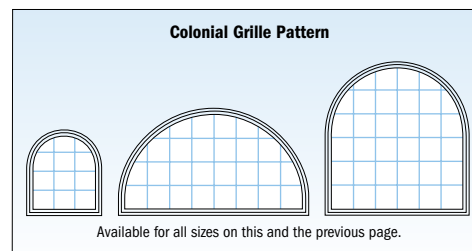
**SHOULDER HEIGHT**

SHOULDER HEIGHT	ELFW6006	ELFW8006 (H.P.I.R. only)	ELFW601	ELFW801 (H.P.I.R. only)	ELFW602	ELFW802 (H.P.I.R. only)
6" (152)						
12" (305)						
2'-0 1/8" (613)						

NOTE: Springline™ extension jambs are factory-applied when ordered with the unit.

- Rough opening dimensions may need to be increased to allow for use of building wraps, flashing, sill panning, brackets, fasteners or other items. See page 7 for more details.
- "Unit Dimension" always refers to outside frame to frame dimension.
- Combinations of window units joined together may require horizontal or vertical reinforcement. This reinforcement should be specified by a professional engineer. Contact your Andersen supplier for more information.
- When ordering, be sure to specify color desired: White, Sandtone®, Terratone® or Forest Green.
- Dimensions in parentheses are in millimeters.
- Springline window units are stationary.

Sizes on this page are shown with the Renaissance grille pattern. Colonial grille pattern also available for all sizes.



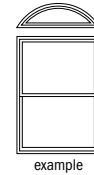
### Grille alignment with other Andersen® products.

All vertical Springline™ window grille members were designed to be equally spaced. Vertical alignment may not coincide when units are transom joined. All horizontal grille members were designed to line up with corresponding casement sizes. See your Andersen retailer for custom grille alignment options. Special order arch window grilles are available to achieve proper alignment.

**Table of Basic Sizes—Enhancement Windows** Scale 1/8" = 1'-0" (1:96)

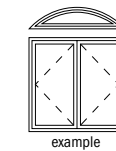
## Full Chord

Radius	18 3/4" (476)	24" (610)	24" (610)	32 1/4" (819)
Unit Dimension	2'-9 5/8" (854)	3'-1 5/8" (956)	3'-5 5/8" (1057)	3'-9 5/8" (1159)
<b>Minimum Rough Opg.</b>	2'-10 1/8" (867)	3'-2 1/8" (968)	3'-6 1/8" (1070)	3'-10 1/8" (1172)
Unobstructed Glass	24 7/8" (632)	26 1/8" (664)	32 7/16" (824)	32 5/16" (821)
	<b>FCD28</b> AG	<b>FCD30</b> AG	<b>FCD34</b> AG	<b>FCD38</b> AG



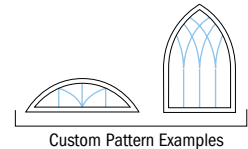
← **DOUBLE-HUNG** sizes  
**Colonial Pattern**

Radius	18 3/4" (476)	32 1/4" (819)	36" (914)
Unit Dimension	2'-11 15/16" (913)	4'-0" (1219)	4'-8 1/2" (1435)
<b>Minimum Rough Opg.</b>	3'-0 1/2" (927)	4'-0 1/2" (1232)	4'-9" (1448)
Unobstructed Glass	28 15/16" (735)	35 7/8" (911)	47 7/8" (1216)
	<b>FCCXW3</b> AG	<b>FCC2</b> AG	<b>FCCW2</b> AG

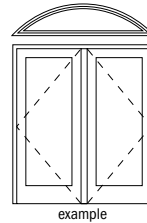


← **CASEMENT** sizes  
**Colonial Pattern**

Custom grille patterns are also available. For more information on Andersen® divided light, see page 2-3 or visit [andersenwindows.com/grilles](http://andersenwindows.com/grilles).



Radius	36" (914)	48" (1219)
Unit Dimension	4'-11 1/4" (1504)	5'-11 1/4" (1810)
<b>Minimum Rough Opg.</b>	4'-11 3/4" (1518)	5'-11 3/4" (1822)
Unobstructed Glass	49 7/16" (1256)	59 11/16" (1516)
	<b>FCFW50</b> AG	<b>FCFW60</b> AG



← **FRENCHWOOD® DOOR** sizes  
**Colonial Pattern**

- Rough opening dimensions may need to be increased to allow for use of building wraps, flashing, sill panning, brackets, fasteners or other items. See page 7 for more details.
  - "Unit Dimension" always refers to outside frame to frame dimension.
  - Combinations of window units joined together may require horizontal or vertical reinforcement. This reinforcement should be specified by a professional engineer. Contact your Andersen supplier for more information.
  - When ordering, be sure to specify color desired: White, Sandtone, Terratone® or Forest Green.
  - Dimensions in parentheses are in millimeters.
  - Enhancement window units are stationary.
  - Contact your Andersen supplier for Gothic grille pattern availability.
- AG: Andersen® art glass panels are available for these sizes by special order only. Contact your Andersen supplier.

## Gothic

Unit Dimension	2'-0 1/8" (613)	2'-4 3/8" (721)	2'-11 15/16" (913)	4'-0" (1219)
<b>Minimum Rough Opg.</b>	2'-0 5/8" (625)	2'-4 7/8" (733)	3'-0 1/2" (927)	4'-0 1/2" (1232)
Unobstructed Glass	19 7/16" (494)	23 11/16" (602)	31 1/4" (794)	43 5/16" (1100)
	<b>GT2036</b> AG	<b>GT2440</b> AG	<b>GT3046</b> AG	<b>GT4056</b> AG
	Radius 32 1/4" (819) Shoulder Height 16 27/32" (428)	Radius 32 1/4" (819) Shoulder Height 21 9/32" (541)	Radius 36" (914) Shoulder Height 22 27/32" (580)	Radius 48" (1219) Shoulder Height 24 7/16" (621)

## Monumental Quarter Round / Full Round

Unit Dimension	4'-0" (1219)	4'-0" (1219)	6'-0" (1829)
<b>Minimum Rough Opg.</b>	4'-0 1/2" (1232)	4'-0 1/2" (1232)	6'-0 1/2" (1842)
Unobstructed Glass	43 1/4" (1099)	43 5/16" (1100)	67 5/16" (1710)
	<b>QR40</b> AG	<b>FR40</b> AG	<b>FR60</b> AG
			<b>Renaissance Pattern</b>

## Standard Octagon

Unit Dimension	2'-0" (610)	2'-4" (711)	3'-0" (914)
<b>Minimum Rough Opg.</b>	2'-0 1/2" (622)	2'-4 1/2" (724)	3'-0 1/2" (927)
Unobstructed Glass	19 5/16" (491)	23 5/16" (592)	31 5/16" (795)
	<b>OC20</b> AG	<b>OC24</b> AG	<b>OC30</b> AG
			<b>Colonial Pattern</b>



## Springline™ Flanker (custom arch) Window Sizes Scale 1/8" = 1'-0" (1:96)

Radius	18 3/4" (476)		24" (610)		32 1/4" (819)		32 1/4" (819)		36" (914)	
Casement Size	C R width		C N width		C width		C W width		C X W width	
Unit Dimension	1'-5"	1'-5"	1'-8 1/2"	1'-8 1/2"	2'-0 1/8"	2'-0 1/8"	2'-4 3/8"	2'-4 3/8"	2'-11 15/16"	2'-11 15/16"
	(432)	(432)	(521)	(521)	(613)	(613)	(721)	(721)	(913)	(913)
Minimum Rough Opg.	1'-5 1/2"	1'-5 1/2"	1'-9"	1'-9"	2'-0 5/8"	2'-0 5/8"	2'-4 7/8"	2'-4 7/8"	3'-0 1/2"	3'-0 1/2"
	(445)	(445)	(533)	(533)	(625)	(625)	(733)	(733)	(927)	(927)
Unobstructed Glass	12 3/4"	12 3/4"	15 3/4"	15 3/4"	19 3/8"	19 3/8"	23 5/8"	23 5/8"	31 3/16"	31 3/16"
	(324)	(324)	(400)	(400)	(492)	(492)	(600)	(600)	(792)	(792)

C3 height	2'-11 15/16"	3'-0 1/2"	3'-1 1/8"	3'-1 1/8"	3'-1 1/8"	3'-1 1/8"	3'-1 1/8"	3'-1 1/8"	3'-1 1/8"	3'-1 1/8"
	(913)	(927)	(927)	(927)	(927)	(927)	(927)	(927)	(927)	(927)
C35 height	3'-4 13/16"	3'-5 3/8"	3'-5 3/8"	3'-5 3/8"	3'-5 3/8"	3'-5 3/8"	3'-5 3/8"	3'-5 3/8"	3'-5 3/8"	3'-5 3/8"
	(1037)	(1051)	(1051)	(1051)	(1051)	(1051)	(1051)	(1051)	(1051)	(1051)
C4 height	4'-0"	4'-0 1/2"	4'-0 1/2"	4'-0 1/2"	4'-0 1/2"	4'-0 1/2"	4'-0 1/2"	4'-0 1/2"	4'-0 1/2"	4'-0 1/2"
	(1219)	(1232)	(1232)	(1232)	(1232)	(1232)	(1232)	(1232)	(1232)	(1232)
C5 height	4'-11 7/8"	5'-0 3/8"	5'-0 3/8"	5'-0 3/8"	5'-0 3/8"	5'-0 3/8"	5'-0 3/8"	5'-0 3/8"	5'-0 3/8"	5'-0 3/8"
	(1521)	(1534)	(1534)	(1534)	(1534)	(1534)	(1534)	(1534)	(1534)	(1534)
C6 height	5'-11 7/8"	6'-0 3/8"	6'-0 3/8"	6'-0 3/8"	6'-0 3/8"	6'-0 3/8"	6'-0 3/8"	6'-0 3/8"	6'-0 3/8"	6'-0 3/8"
	(1826)	(1838)	(1838)	(1838)	(1838)	(1838)	(1838)	(1838)	(1838)	(1838)

Standard Renaissance interior grille pattern shown.  
For other grille options, contact your Andersen supplier.

NOTE: To order these custom arch - Springline™ flanker units, contact your Andersen supplier.

AG: Andersen® art glass panels are available for these sizes by special order only. Contact your Andersen supplier.

- Rough opening dimensions may need to be increased to allow for use of building wraps, flashing, sill panning, brackets, fasteners or other items. See page 7 for more details.
- "Unit Dimension" always refers to outside frame to frame dimension.
- Combinations of window units joined together may require horizontal or vertical reinforcement. This reinforcement should be specified by a professional engineer. Contact your Andersen supplier for more information.
- When ordering, be sure to specify color desired: White, Sandtone, Terratone® or Forest Green.
- Dimensions in parentheses are in millimeters.
- Enhancement window units are stationary.

## Custom Arch Windows

Andersen offers even greater design flexibility with custom-dimensioned equal leg arches, unequal leg arches and partial chords. Custom arch windows can be designed using one of nine standard radii, further expanding the existing line of 90 standard sizes of Andersen® arch windows.

Color coordinate with any project. New arches are available in White, Sandtone, Terratone® or Forest Green. Andersen™ divided light is available for most styles and sizes. Contact your supplier for availability.

Custom arch shapes and sizes are specially constructed to be used in combination with other Andersen windows including: casement and awning windows, double-hung windows, gliding windows, hinged or gliding patio doors and Flexiframe® windows.

## Design Criteria

There are certain factors that must be considered when deciding on a custom arch size or shape. Below we have listed some of those factors. But for specific design criteria, mullion joining guidelines and order information, contact your Andersen supplier.

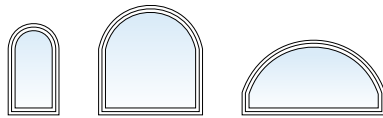
### Design Considerations

- There are nine standard radii to choose from: 18-3/4", 2', 32-1/4", 34-1/4", 3', 4', 5', 6', and 8'.
- Maximum single unit width is based on available radius piece length. Contact supplier for specific information.
  - Equal leg arch maximum unit width range: 36-3/4" for 18-3/4" radius. (See next page.)
  - Unequal leg arch maximum unit width range: 18-3/4" for 18-3/4" radius.
  - Partial chord maximum unit width range: 18-3/4" for 18-3/4" radius.
- All units are stationary.
- **May not exceed a maximum glass area greater than 50 square feet glass dimension for High-Performance™ Low-E4® tempered impact-resistant glass.**
- **May not exceed a maximum glass area greater than 30 square feet glass dimension for monolithic impact-resistant glass.**
- Square footage is based on square or rectangular glass shape.
- Only one unit dimension (height or width) can exceed 7' 0".
- No leg of any unit can be less than 9".
- Do all calculations in inches to three decimal places.
- Order extension jambs with units to assure correct sizing.

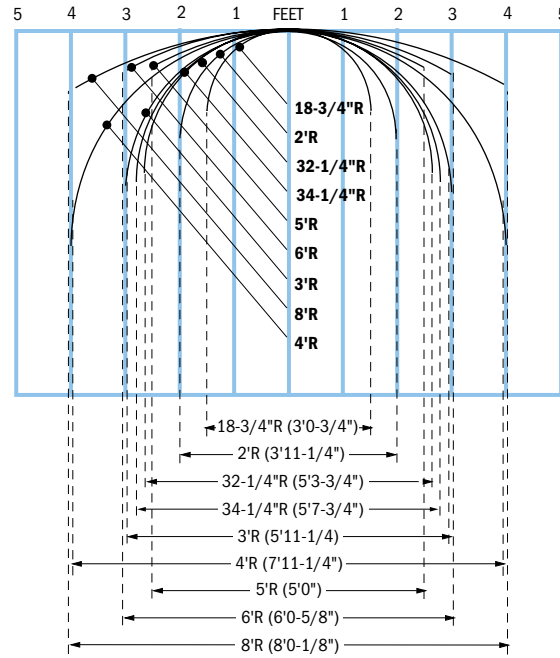
## Custom Arch Windows



Custom arch windows allow for increased design flexibility. The illustration to the right uses equal leg arch examples to indicate that both the width and height of custom arch windows can be varied (increments of 1/32") for all three shapes (shown above) while utilizing the nine standard radii.



Expanded arch capabilities to achieve  
Springline™ window expression.



## Arch Window Glass Area

Unit Number	Glass Sq. Ft.	(m <sup>2</sup> )
AFC106	0.70	(0.065)
AFC11	1.60	(0.149)
AFC12	3.40	(0.316)
AFC13	5.10	(0.474)
AFC135	5.80	(0.539)
AFC14	6.80	(0.632)
AFC145	7.50	(0.697)
AFC15	8.50	(0.790)
AFC155	9.20	(0.855)
AFC16	10.30	(0.957)
AFC18	13.80	(1.282)
AFCW106	1.10	(0.102)
AFCW11	2.10	(0.195)
AFCW12	4.20	(0.390)
AFCW13	6.30	(0.585)
AFCW135	7.10	(0.660)
AFCW14	8.40	(0.780)
AFCW145	9.20	(0.855)
AFCW15	10.40	(0.966)

Unit Number	Glass Sq. Ft.	(m <sup>2</sup> )
AFCW155	11.30	(1.050)
AFCW16	12.50	(1.161)
AFCW18	16.80	(1.561)
AFCP3006	1.40	(0.130)
AFCP301	2.80	(0.260)
AFCP302	5.50	(0.511)
AFCP303	8.20	(0.762)
AFCP3035	9.30	(0.864)
AFCP304	10.90	(1.013)
AFCP3045	12.00	(1.115)
AFCP305	13.60	(1.263)
AFCP3055	14.70	(1.366)
AFCP306	16.30	(1.514)
AFCP308	21.80	(2.025)
AFC206	2.20	(0.204)
AFC21	4.10	(0.381)
AFC22	7.80	(0.725)
AFC23	11.50	(1.068)
AFC235	13.00	(1.208)

Unit Number	Glass Sq. Ft.	(m <sup>2</sup> )
AFC24	15.20	(1.412)
AFC245	16.70	(1.551)
AFC25	18.90	(1.756)
AFC255	20.40	(1.895)
AFC26	22.60	(2.100)
AFC28	30.20	(2.806)
AFCW206	2.80	(0.260)
AFCW21	5.10	(0.474)
AFCW22	9.50	(0.883)
AFCW23	13.90	(1.291)
AFCW235	15.70	(1.459)
AFCW24	18.30	(1.700)
AFCW245	20.10	(1.867)
AFCW25	22.70	(2.109)
AFCW255	24.60	(2.285)
AFCW26	27.20	(2.527)
AFCW28	36.10	(3.354)
AFFW5006	3.20	(0.297)
AFFW501	5.50	(0.511)

Unit Number	Glass Sq. Ft.	(m <sup>2</sup> )
AFFW502	10.30	(0.957)
AFFW503	14.80	(1.375)
AFFW5035	16.70	(1.551)
AFFW504	19.50	(1.812)
AFFW5045	21.40	(1.988)
AFFW505	24.10	(2.239)
AFFW5055	26.10	(2.425)
AFFW506	28.80	(2.676)
AFFW508	38.20	(3.549)
AFFW6006	4.40	(0.409)
AFFW601	7.20	(0.669)
AFFW602	12.90	(1.198)
AFFW603	18.50	(1.719)
AFFW6035	20.80	(1.932)
AFFW604	24.20	(2.248)
AFFW6045	26.50	(2.462)
AFFW605	29.80	(2.769)
AFFW6055	32.10	(2.982)
AFFW606	35.50	(3.298)

Unit Number	Glass Sq. Ft.	(m <sup>2</sup> )
AFFW608	46.90	(4.357)
AFFW8006	7.30	(0.678)
AFFW801	11.10	(1.031)
AFFW802	18.80	(1.747)
AFFW803	26.40	(2.453)
AFFW8035	29.50	(2.741)
AFFW804	34.10	(3.168)
AFFW8045	37.10	(3.447)
AFFW805	41.60	(3.865)
SE3106	3.74	(0.347)
SE311	5.10	(0.474)
SE312	7.86	(0.730)
SE313	10.54	(0.979)
SE3135	11.65	(1.082)
SE314	13.28	(1.234)
SE3145	14.38	(1.336)
SE315	15.98	(1.485)
SE3155	17.10	(1.589)
SE316	18.71	(1.738)

## Springline™ Window Glass Area

Unit Number	Glass Sq. Ft.	(m <sup>2</sup> )
SE5406	11.22	(1.042)
SE541	13.71	(1.274)
SE542	18.74	(1.741)
SE543	23.64	(2.196)
SE5435	25.66	(2.384)
SE544	28.64	(2.661)
SE5445	30.64	(2.847)
SE545	33.57	(3.119)
SE5455	35.61	(3.308)
SE546	38.54	(3.580)
SE5806	12.67	(1.177)
SE581	15.33	(1.424)
SE582	20.69	(1.922)
SE583	25.92	(2.408)
SE5835	28.08	(2.609)

Unit Number	Glass Sq. Ft.	(m <sup>2</sup> )
SE584	31.26	(2.904)
SE5845	33.39	(3.102)
SE585	36.51	(3.392)
SE5855	38.70	(3.595)
SE586	41.82	(3.885)
SE6006	14.01	(1.302)
SE601	16.81	(1.562)
SE602	22.47	(2.088)
SE603	27.98	(2.599)
SE6035	30.26	(2.811)
SE604	33.61	(3.122)
SE6045	35.86	(3.332)
SE605	39.16	(3.638)
SE6055	41.46	(3.852)
SP402	11.62	(1.080)

Unit Number	Glass Sq. Ft.	(m <sup>2</sup> )
SP403	15.16	(1.408)
SP4035	16.63	(1.545)
SP404	18.78	(1.745)
SP4045	20.23	(1.879)
SP405	22.35	(2.076)
SP4055	23.83	(2.214)
SP406	25.95	(2.411)
SP8006	24.98	(2.321)
SP801	24.98	(2.321)
SP802	36.46	(3.387)
ELFW6006	11.58	(1.076)
ELFW601	14.35	(1.333)
ELFW602	19.95	(1.853)
ELFW8006	20.88	(1.940)
ELFW801	24.64	(2.289)
ELFW802	32.25	(2.996)

## Enhancement Window Glass Area

Unit Number	Glass Sq. Ft.	(m <sup>2</sup> )
FCD28	0.688	(0.064)
FCD30	0.540	(0.050)
FCD34	1.145	(0.106)
FCD38	0.837	(0.078)
FCCXW3	1.241	(0.115)
FCC2	1.017	(0.094)
FCCW2	2.781	(0.258)
FCFW50	2.571	(0.239)
FCFW60	3.154	(0.293)

Unit Number	Glass Sq. Ft.	(m <sup>2</sup> )
GT2036	4.008	(0.372)
GT2440	5.841	(0.543)
GT3046	8.783	(0.816)
GT4056	14.877	(1.382)
QR40	9.905	(0.920)
FR40	10.217	(0.949)
FR60	24.690	(2.294)
OC20	2.138	(0.199)
OC24	3.118	(0.290)
OC30	5.629	(0.523)