

# Ascent® Double Outswing French Door Sizes

	4' 0 <sup>9</sup> / <sub>16</sub> "	5' 0 <sup>9</sup> / <sub>16</sub> "	5' 4 <sup>9</sup> / <sub>16</sub> "	6' 0 <sup>9</sup> / <sub>16</sub> "	6' 4 <sup>9</sup> / <sub>16</sub> "
	4' 0 <sup>1</sup> / <sub>16</sub> "	5' 0 <sup>1</sup> / <sub>16</sub> "	5' 4 <sup>1</sup> / <sub>16</sub> "	6' 0 <sup>1</sup> / <sub>16</sub> "	6' 4 <sup>1</sup> / <sub>16</sub> "
6' 7 <sup>13</sup> / <sub>16</sub> " 6' 7 <sup>9</sup> / <sub>16</sub> "					
	FDO 4068 A/I OR I/A	FDO 5068 A/I OR I/A	FDO 5468 A/I OR I/A	FDO 6068 A/I OR I/A	FDO 6468 A/I OR I/A
6' 9 <sup>13</sup> / <sub>16</sub> " 6' 9 <sup>9</sup> / <sub>16</sub> "					
	FDO 40610 A/I OR I/A	FDO 50610 A/I OR I/A	FDO 54610 A/I OR I/A	FDO 60610 A/I OR I/A	FDO 64610 A/I OR I/A
6' 11 <sup>13</sup> / <sub>16</sub> " 6' 11 <sup>9</sup> / <sub>16</sub> "					
	FDO 4070 A/I OR I/A	FDO 5070 A/I OR I/A	FDO 5470 A/I OR I/A	FDO 6070 A/I OR I/A	FDO 6470 A/I OR I/A
7' 2 <sup>13</sup> / <sub>16</sub> " 7' 2 <sup>9</sup> / <sub>16</sub> "					
	FDO 4073 A/I OR I/A	FDO 5073 A/I OR I/A	FDO 5473 A/I OR I/A	FDO 6073 A/I OR I/A	FDO 6473 A/I OR I/A*
7' 11 <sup>13</sup> / <sub>16</sub> " 7' 11 <sup>9</sup> / <sub>16</sub> "					
	FDO 4080 A/I OR I/A	FDO 5080 A/I OR I/A	FDO 5480 A/I OR I/A	FDO 6080 A/I OR I/A	FDO 6480 A/I OR I/A
8' 2 <sup>13</sup> / <sub>16</sub> " 8' 2 <sup>9</sup> / <sub>16</sub> "					
	FDO 4083 A/I OR I/A	FDO 5083 A/I OR I/A	FDO 5483 A/I OR I/A	FDO 6083 A/I OR I/A	FDO 6483 A/I OR I/A*

**NOTES**

- All doors and sidelites use safety/tempered glass.
- The minimum vertical mullion for doors and sidelites is 1/2".
- \*Commercial sized panels.
- See handing chart on page 116 for operation options.
- Use structural mullions when necessary or required by code.
- For a metric conversion in millimeters, multiply dimensions in inches by 25.4.

**Outswing Frame Height Formula**  
(using ADA Sill)  
= Frame Height – 7/16"

**FORMULA FOR COMBINATION DOORS**

- The overall frame dimension (both width and height) is equal to the sum of the individual unit frame dimensions plus mull dimension(s).
- The overall rough opening (both width and height) is equal to the overall frame dimensions plus 1/4" on all sides.
- Any unit within each combination can be operating or fixed except for direct glazed units and transoms.

## Ascent® Outswing Sidelite Sizes

	1' 3"	1' 5"	1' 7"	1' 9"
6' 7 <sup>13</sup> / <sub>16</sub> "	FDO 1268 S	FDO 1468 S	FDO 1668 S	FDO 1868 S
6' 7 <sup>5</sup> / <sub>16</sub> "	FDO 12610 S	FDO 14610 S	FDO 16610 S	FDO 18610 S
6' 11 <sup>13</sup> / <sub>16</sub> "	FDO 1270 S	FDO 1470 S	FDO 1670 S	FDO 1870 S
6' 11 <sup>5</sup> / <sub>16</sub> "	FDO 1273 S	FDO 1473 S	FDO 1673 S	FDO 1873 S
7' 2 <sup>13</sup> / <sub>16</sub> "	FDO 1280 S	FDO 1480 S	FDO 1680 S	FDO 1880 S
7' 2 <sup>5</sup> / <sub>16</sub> "	FDO 1283 S	FDO 1483 S	FDO 1683 S	FDO 1883 S

## Ascent Single Outswing French Door & Sidelite Sizes

	2' 1"	2' 7"	2' 9"	3' 1"	3' 3"
6' 7 <sup>13</sup> / <sub>16</sub> "	FDO 2068 S,L,R	FDO 2668 S,L,R	FDO 2868 S,L,R	FDO 3068 S,L,R	FDO 3268 S,L,R
6' 9 <sup>13</sup> / <sub>16</sub> "	FDO 20610 S,L,R	FDO 26610 S,L,R	FDO 28610 S,L,R	FDO 30610 S,L,R	FDO 32610 S,L,R
6' 11 <sup>13</sup> / <sub>16</sub> "	FDO 2070 S,L,R	FDO 2670 S,L,R	FDO 2870 S,L,R	FDO 3070 S,L,R	FDO 3270 S,L,R
6' 11 <sup>5</sup> / <sub>16</sub> "	FDO 2073 S,L,R	FDO 2673 S,L,R	FDO 2873 S,L,R	FDO 3073 S,L,R	FDO 3273 S,L,R*
7' 2 <sup>13</sup> / <sub>16</sub> "	FDO 2080 S,L,R	FDO 2680 S,L,R	FDO 2880 S,L,R	FDO 3080 S,L,R	FDO 3280 S,L,R
7' 2 <sup>5</sup> / <sub>16</sub> "	FDO 2083 S,L,R	FDO 2683 S,L,R	FDO 2883 S,L,R	FDO 3083 S,L,R	FDO 3283 S,L,R*

### NOTES

All doors and sidelites use safety/tempered glass.

The minimum vertical mullion for doors and sidelites is 1/2". When mulling a venting sidelite to a door, the minimum vertical mullion is 2".

\*Commercial sized panels.

See handing chart on page 116 for operation options.

Use structural mullions when necessary or required by code.

The light patterns illustrated apply to removable wood grilles, Modern Divided Lights, Classic Divided Lights, Deco 100, 150 and 400 and between-glass grilles. All removable wood grilles will be installed in the units unless otherwise specified.

For a metric conversion in millimeters, multiply dimensions in inches by 25.4.

### Outswing Frame Height Formula (using ADA Sill)

$$= \text{Frame Height} - 7/16''$$

### FORMULA FOR COMBINATION DOORS

The overall frame dimension (both width and height) is equal to the sum of the individual unit frame dimensions plus mull dimension(s).

The overall rough opening (both width and height) is equal to the overall frame dimensions plus 1/4" on all sides.

Any unit within each combination can be operating or fixed except for direct glazed units and transoms.

## Ascent® Outswing French Door Rectangular Sash-Set Transom Sizes

	2' 1" 2' 0 1/2"	2' 7" 2' 6 1/2"	2' 9" 2' 8 1/2"	3' 1" 3' 0 1/2"	3' 3" 3' 2 1/2"	4' 0 9/16" 4' 0 1/8"	5' 0 9/16" 5' 0 1/8"	5' 4 9/16" 5' 4 1/8"	6' 0 9/16" 6' 0 1/8"	6' 4 9/16" 6' 4 1/8"
1' 2" R.O. F.S.										
1' 4" R.O. F.S.										
1' 6" R.O. F.S.										
1' 8" R.O. F.S.										
2' 0" R.O. F.S.										
2' 4" R.O. F.S.										
2' 6" R.O. F.S.										
2' 8" R.O. F.S.										
3' 0" R.O. F.S.										

## Ascent Outswing French Door Rectangular Sash-Set Transom Sizes

	1' 3" 1' 2 1/2"	1' 5" 1' 4 1/2"	1' 7" 1' 6 1/2"	1' 9" 1' 8 1/2"
1' 2" R.O. F.S.				
1' 4" R.O. F.S.				
1' 6" R.O. F.S.				
1' 8" R.O. F.S.				
2' 0" R.O. F.S.				

## Ascent Outswing French Door Rectangular Sash-Set Transom Sizes

	1' 3" 1' 2 1/2"	1' 5" 1' 4 1/2"	1' 7" 1' 6 1/2"	1' 9" 1' 8 1/2"
2' 4" R.O. F.S.				
2' 6" R.O. F.S.				
2' 8" R.O. F.S.				
3' 0" R.O. F.S.				

**NOTES**

If glass is positioned within 18" of the finished floor, safety/tempered glass may be required. Local codes may differ. Verify tempered glass requirements with your local building code official.

Use structural mullions when necessary or required by code.

The light patterns illustrated apply to removable wood grilles, Modern Divided Lights, Classic Divided Lights, Deco 100, 150 and 400 and between-glass grilles. All removable wood grilles will be installed in the units unless otherwise specified. The staggered light patterns illustrated align with light patterns in double doors. Other light patterns are available upon request.

For a metric conversion in millimeters, multiply dimensions in inches by 25.4.

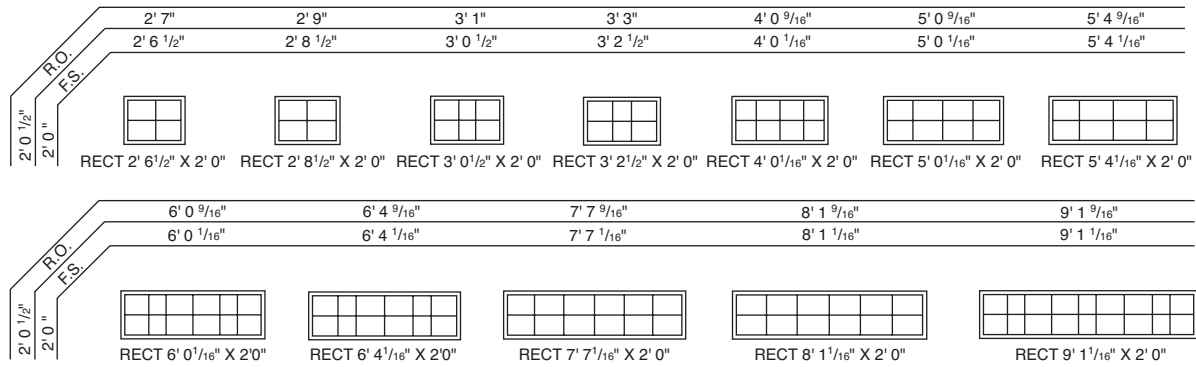
**FORMULA FOR COMBINATION DOORS**

The overall frame dimension (both width and height) is equal to the sum of the individual unit frame dimensions plus mull dimension(s).

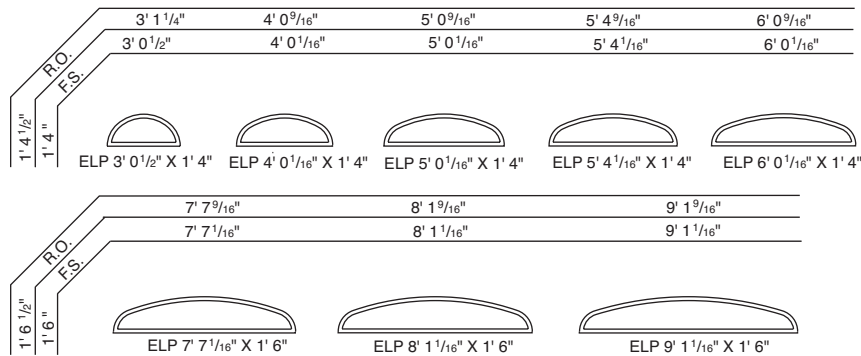
The overall rough opening (both width and height) is equal to the overall frame dimensions plus 1/4" on all sides.

Any unit within each combination can be operating or fixed except for direct glazed units and transoms.

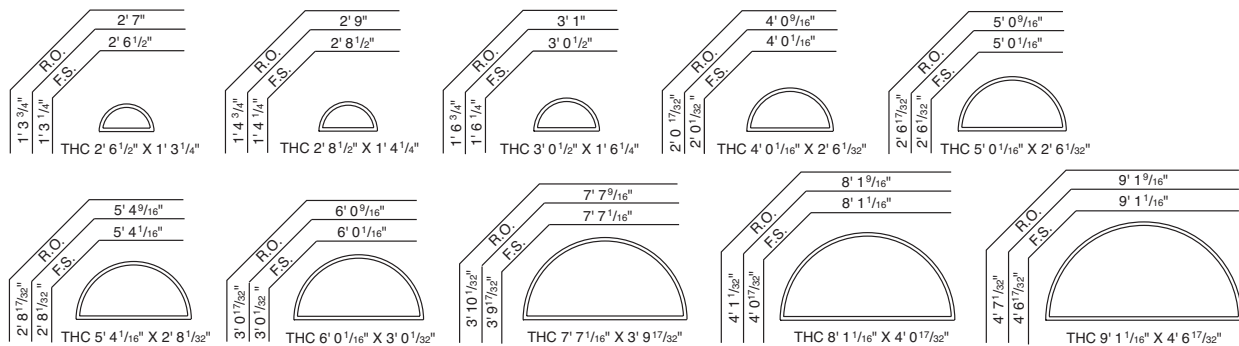
## Ascent® Outswing French Door Rectangular Direct-Set Transom Sizes (Auxiliary Frame)



## Ascent Outswing French Door Elliptical Direct-Set Transom Sizes (Auxiliary Frame)



## Ascent Outswing French Door Half-Circle Direct-Set Transom Sizes (Auxiliary Frame)



### NOTES

If glass is positioned within 18" of the finished floor, safety/tempered glass may be required. Local codes may differ. Verify tempered glass requirements with your local building code official.

2'6-1/2" wide transoms are used above 2668, 26610 or 2680 Outswing French Doors.

2'8-1/2" wide transoms are used above 2868, 28610 or 2880 Outswing French Doors.

3'0-1/2" wide transoms are used above 3068, 30610 or 3080 Outswing French Doors.

4'0" wide transoms are used above 4068, 40610 or 4080 Outswing French Doors.

5'0" wide transoms are used above 5068, 50610 or 5080 Outswing French Doors.

5'4" wide transoms are used above 5468, 54610 or 5480 Outswing French Doors.

6'0" wide transoms are used above 6068, 60610 or 6080 Outswing French Doors.

7'7" wide transoms are used above 5068/50610/5080 Outswing French Doors with 2668/26610/2680 Sidelites.

8'1" wide transoms are used above 5468/54610/5480 Outswing French Doors with 2868/28610/2880 Sidelites.

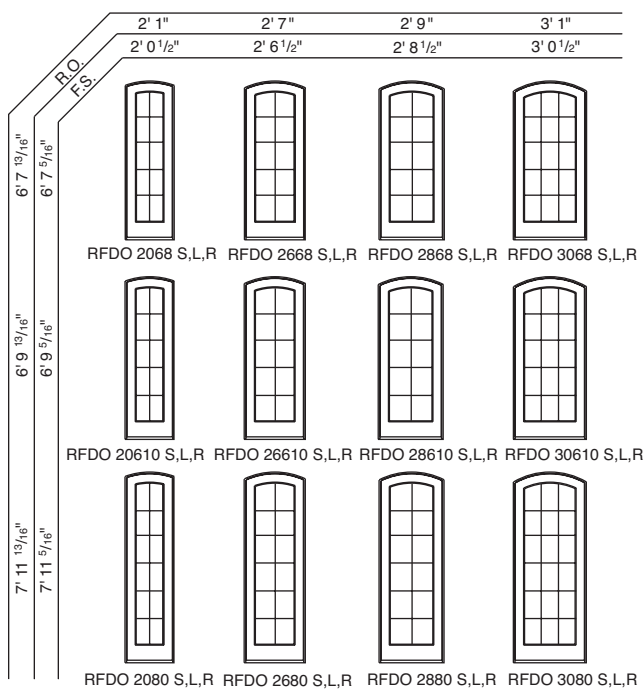
9'1" wide transoms are used above 6068/60610/6080 Outswing French Doors with 3068/30610/3080 Sidelites.

The light patterns illustrated apply to removable wood grilles, Modern Divided Lights, Classic Divided Lights, Deco 100, 150 and 400 and between-glass grilles. All removable wood grilles will be installed in the units unless otherwise specified. The staggered light patterns illustrated align with light patterns in double doors. Other light patterns are available upon request.

SEE NOTES ON PAGE 121 FOR MORE INFORMATION.

ADDITIONAL CUSTOM SIZES ARE AVAILABLE. CONTACT YOUR EAGLE DEALER FOR MORE INFORMATION. DRAWINGS ARE NOT TO SCALE.

### Ascent® Single Outswing Radius French Door & Sidelite Sizes



**NOTES**

All doors and sidelites use safety/tempered glass.

Single doors have a 3' 0" radius.  
 Double doors have a 5' 0" radius.

See handing chart on page 116 for operation options.

Use structural mullions when necessary or required by code.

The light patterns illustrated apply to removable wood grilles, Modern Divided Lights, Classic Divided Lights, Deco 100, 150 and 400 and between-glass grilles. All removable wood grilles will be installed in the units unless otherwise specified.

For a metric conversion in millimeters, multiply dimensions in inches by 25.4.

**Outswing Frame Height Formula  
 (using ADA Sill)**  
 = Frame Height - 7/16"

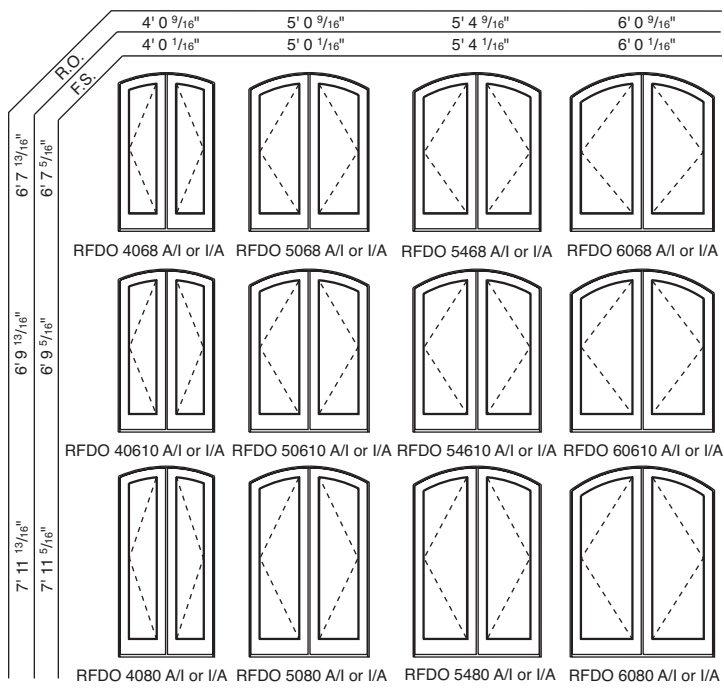
**FORMULA FOR COMBINATION DOORS**

The overall frame dimension (both width and height) is equal to the sum of the individual unit frame dimensions plus mull dimension(s).

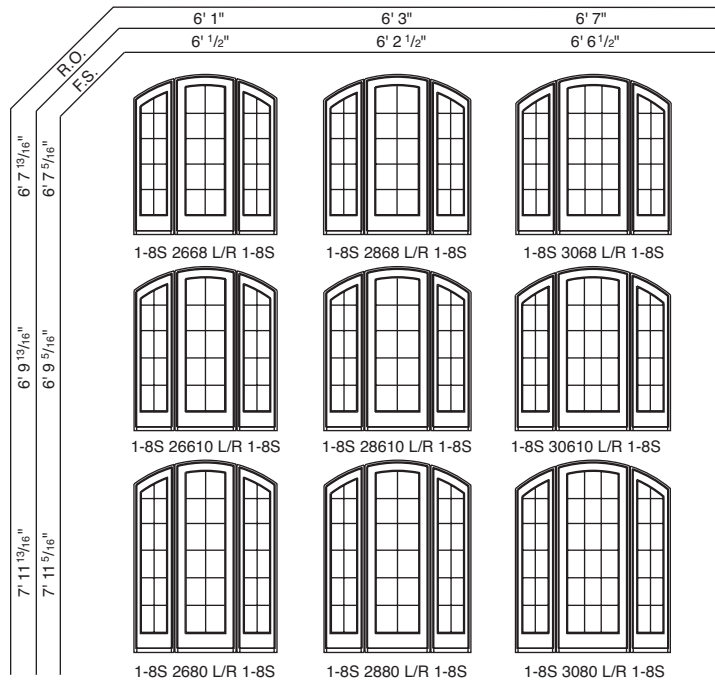
The overall rough opening (both width and height) is equal to the overall frame dimensions plus 1/4" on all sides.

Any unit within each combination can be operating or fixed except for direct glazed units and transoms.

### Ascent Double Outswing Radius French Door Sizes



## Ascent® 3-Wide Outswing Radius French Door & Sidelite Sizes



### NOTES

All doors and sidelites use safety/tempered glass.

3-wide doors have a 5' 0" radius.

CPS doors shown with optional mid-rail.

See handing chart on page 116 for operation options.

Use structural mullions when necessary or required by code.

The light patterns illustrated apply to removable wood grilles, Modern Divided Lights, Classic Divided Lights, Deco 100, 150 and 400 and between-glass grilles. All removable wood grilles will be installed in the units unless otherwise specified.

For a metric conversion in millimeters, multiply dimensions in inches by 25.4.

### Outswing Frame Height Formula\* (using ADA Sill)

$$= \text{Frame Height} - 7/16''$$

\*Does not apply to CPS doors

### FORMULA FOR COMBINATION DOORS

The overall frame dimension (both width and height) is equal to the sum of the individual unit frame dimensions plus mull dimension(s).

The overall rough opening (both width and height) is equal to the overall frame dimensions plus 1/4" on all sides.

Any unit within each combination can be operating or fixed except for radius sidelites.

## Ascent Concealed Panic System (CPS) Door Sizes

