Single Hinged Inswing Patio Door & Sidelight Sizes

NOTES
All doors and sidelights use safety/tempered glass.
The minimum vertical joining material width for doors and
sidelights is 1/2”.
Use structural joining material when necessary or required by
code.
The light patterns illustrated apply to removable interior wood
grilles, Full Divided Light, Simulated Divided Light, Decorelle
100, 150 and 400 and Finelight™ Grille-Between-the-Glass.
All removable interior wood grilles will be installed in the units
unless otherwise specified.
For a metric conversion in millimeters, multiply dimensions in
inches by 25.4.

Inswing Frame Height
(using Low Threshold Sill)
= Standard Inswing Frame Height – 15/16”

FORMULA FOR COMBINATION DOORS
The overall frame dimension (both width and height) is equal
to the sum of the individual unit frame dimensions plus joining
material 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
stationary except for direct-set units and transoms.

ADDITIONAL CUSTOM SIZES ARE AVAILABLE. CONTACT YOUR LOCAL DEALER FOR MORE INFORMATION. DRAWINGS ARE NOT TO SCALE.
### Double Hinged Inswing Patio Door Sizes

<table>
<thead>
<tr>
<th>Frame Height</th>
<th>4' 0 1/2&quot;</th>
<th>5' 0 1/2&quot;</th>
<th>5' 4 1/2&quot;</th>
<th>6' 0 1/2&quot;</th>
<th>6' 4 1/2&quot;</th>
</tr>
</thead>
<tbody>
<tr>
<td>4' 0&quot;</td>
<td>HPI 4068 APLR</td>
<td>HPI 5068 APLR</td>
<td>HPI 5468 APLR</td>
<td>HPI 6068 APLR</td>
<td>HPI 6468 APLR</td>
</tr>
<tr>
<td>5' 0&quot;</td>
<td>HPI 40610 APLR</td>
<td>HPI 50610 APLR</td>
<td>HPI 54610 APLR</td>
<td>HPI 60610 APLR</td>
<td>HPI 64610 APLR</td>
</tr>
<tr>
<td>5' 4&quot;</td>
<td>HPI 40610 APLR</td>
<td>HPI 50610 APLR</td>
<td>HPI 54610 APLR</td>
<td>HPI 60610 APLR</td>
<td>HPI 64610 APLR</td>
</tr>
<tr>
<td>6' 0&quot;</td>
<td>HPI 40610 APLR</td>
<td>HPI 50610 APLR</td>
<td>HPI 54610 APLR</td>
<td>HPI 60610 APLR</td>
<td>HPI 64610 APLR</td>
</tr>
<tr>
<td>6' 4&quot;</td>
<td>HPI 40610 APLR</td>
<td>HPI 50610 APLR</td>
<td>HPI 54610 APLR</td>
<td>HPI 60610 APLR</td>
<td>HPI 64610 APLR</td>
</tr>
</tbody>
</table>

**NOTES**

All doors and sidelights use safety/tempered glass.

The minimum vertical joining material width for doors and sidelights is 1/2".

Use structural joining material when necessary or required by code.

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

**Inswing Frame Height (using Low Threshold Sill)**

\[ \text{Inswing Frame Height} = \text{Standard Inswing Frame Height} - 15/16" \]

**FORMULA FOR COMBINATION DOORS**

The overall frame dimension (both width and height) is equal to the sum of the individual unit frame dimensions plus joining material 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 stationary except for direct-set units and transoms.

**ALSO AVAILABLE AS:**

Stationary Doors SS
Center Post Doors SAR, ASL, SAL, ASR
NOTES

All doors and sidelights use safety/tempered glass.

The minimum vertical joining material width for doors and sidelights is 1/2".
When joining a venting sidelight to a door, the minimum vertical joining material width is 2".

Use structural joining material when necessary or required by code.

The light patterns illustrated apply to removable interior wood grilles, Full Divided Light, Simulated Divided Light, Decorelle 100, 150 and 400 and Finelight™ Grilles-Between-the-Glass. All removable interior wood grilles will be installed in the units unless otherwise specified.

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

Inswing Frame Height (using Low Threshold Sill)
= Standard Inswing Frame Height – 15/16"

FORMULA FOR COMBINATION DOORS

The overall frame dimension (both width and height) is equal to the sum of the individual unit frame dimensions plus joining material 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 stationary except for direct-set units and transoms.

ADDITIONAL CUSTOM SIZES ARE AVAILABLE. CONTACT YOUR LOCAL DEALER FOR MORE INFORMATION. DRAWINGS ARE NOT TO SCALE.
### Hinged Inswing Patio Door Sash-Set Transom Sizes

<table>
<thead>
<tr>
<th>Width (ft)</th>
<th>Height (ft)</th>
</tr>
</thead>
<tbody>
<tr>
<td>2' 1&quot;</td>
<td>2' 0&quot;</td>
</tr>
<tr>
<td>2' 0 1/2&quot;</td>
<td>1' 11 1/4&quot;</td>
</tr>
<tr>
<td>2' 0&quot;</td>
<td>1' 12&quot;</td>
</tr>
<tr>
<td>2' 0 1/4&quot;</td>
<td>1' 12 1/8&quot;</td>
</tr>
<tr>
<td>2' 1&quot;</td>
<td>1' 15&quot;</td>
</tr>
<tr>
<td>2' 1 1/2&quot;</td>
<td>1' 18&quot;</td>
</tr>
<tr>
<td>2' 2&quot;</td>
<td>1' 21&quot;</td>
</tr>
<tr>
<td>2' 2 1/2&quot;</td>
<td>1' 24&quot;</td>
</tr>
<tr>
<td>2' 3&quot;</td>
<td>1' 27&quot;</td>
</tr>
<tr>
<td>2' 3 1/2&quot;</td>
<td>1' 30&quot;</td>
</tr>
<tr>
<td>2' 4&quot;</td>
<td>1' 33&quot;</td>
</tr>
<tr>
<td>2' 4 1/2&quot;</td>
<td>1' 36&quot;</td>
</tr>
<tr>
<td>2' 5&quot;</td>
<td>1' 39&quot;</td>
</tr>
<tr>
<td>2' 5 1/2&quot;</td>
<td>1' 42&quot;</td>
</tr>
<tr>
<td>2' 6&quot;</td>
<td>1' 45&quot;</td>
</tr>
<tr>
<td>2' 6 1/2&quot;</td>
<td>1' 48&quot;</td>
</tr>
<tr>
<td>2' 7&quot;</td>
<td>1' 51&quot;</td>
</tr>
<tr>
<td>2' 7 1/2&quot;</td>
<td>1' 54&quot;</td>
</tr>
<tr>
<td>2' 8&quot;</td>
<td>1' 57&quot;</td>
</tr>
<tr>
<td>2' 8 1/2&quot;</td>
<td>1' 60&quot;</td>
</tr>
<tr>
<td>2' 9&quot;</td>
<td>1' 63&quot;</td>
</tr>
<tr>
<td>2' 9 1/2&quot;</td>
<td>1' 66&quot;</td>
</tr>
<tr>
<td>3' 0&quot;</td>
<td>2' 0&quot;</td>
</tr>
<tr>
<td>3' 0 1/2&quot;</td>
<td>2' 0 1/2&quot;</td>
</tr>
<tr>
<td>3' 1&quot;</td>
<td>2' 1&quot;</td>
</tr>
<tr>
<td>3' 1 1/2&quot;</td>
<td>2' 2&quot;</td>
</tr>
<tr>
<td>3' 2&quot;</td>
<td>2' 3&quot;</td>
</tr>
<tr>
<td>3' 2 1/2&quot;</td>
<td>2' 4&quot;</td>
</tr>
<tr>
<td>3' 3&quot;</td>
<td>2' 5&quot;</td>
</tr>
<tr>
<td>3' 3 1/2&quot;</td>
<td>2' 6&quot;</td>
</tr>
<tr>
<td>3' 4&quot;</td>
<td>2' 7&quot;</td>
</tr>
<tr>
<td>3' 4 1/2&quot;</td>
<td>2' 8&quot;</td>
</tr>
</tbody>
</table>

### 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 joining material when necessary or required by code.

- The light patterns illustrated apply to removable interior wood grilles, Full Divided Light, Simulated Divided Light, Decorelle 100, 150 and 400 and Finelight™ Grilles-Between-the-Glass. All removable interior wood grilles will be installed in the units unless otherwise specified. The staggered light patterns 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 joining material 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 stationary except for direct-set units and transoms.
### Hinged Inswing Patio Door Direct-Set Transom Sizes (Specialty Frame)

<table>
<thead>
<tr>
<th>F.S. Width</th>
<th>R.O. Width</th>
</tr>
</thead>
<tbody>
<tr>
<td>2’ 0”</td>
<td>2’ 0”</td>
</tr>
<tr>
<td>2’ 6 1/2”</td>
<td>2’ 8 1/2”</td>
</tr>
<tr>
<td>3’ 0”</td>
<td>3’ 0”</td>
</tr>
<tr>
<td>3’ 2”</td>
<td>3’ 2”</td>
</tr>
<tr>
<td>4’ 0”</td>
<td>4’ 0”</td>
</tr>
<tr>
<td>5’ 0”</td>
<td>5’ 0”</td>
</tr>
<tr>
<td>5’ 4 1/2”</td>
<td>6’ 0”</td>
</tr>
</tbody>
</table>

### Hinged Inswing Patio Door Direct-Set Elliptical Sizes (Specialty Frame)

<table>
<thead>
<tr>
<th>F.S. Width</th>
<th>R.O. Width</th>
</tr>
</thead>
<tbody>
<tr>
<td>3’ 0”</td>
<td>4’ 0” 1/2”</td>
</tr>
<tr>
<td>3’ 0” 1/2”</td>
<td>4’ 0”</td>
</tr>
<tr>
<td>5’ 0”</td>
<td>5’ 0”</td>
</tr>
<tr>
<td>5’ 4”</td>
<td>6’ 0”</td>
</tr>
</tbody>
</table>

### 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 Hinged Inswing Patio Doors.
- 2’ 8-1/2” wide transoms are used above 2868, 28610 or 2880 Hinged Inswing Patio Doors.
- 3’ 0-1/2” wide transoms are used above 3068, 30610 or 3080 Hinged Inswing Patio Doors.
- 4’ 0” wide transoms are used above 4068, 40610 or 4080 Hinged Inswing Patio Doors.
- 5’ 0” wide transoms are used above 5068, 50610 or 5080 Hinged Inswing Patio Doors.
- 5’ 4” wide transoms are used above 5468, 54610 or 5480 Hinged Inswing Patio Doors.
- 6’ 0” wide transoms are used above 6068, 60610 or 6080 Hinged Inswing Patio Doors.
- 7’ 7” wide transoms are used above 5068/50610/5080 Hinged Inswing Patio Doors with 2668/26610/2680 Sidelights.
- 8’ 1” wide transoms are used above 5468/54610/5480 Hinged Inswing Patio Doors with 2868/28610/2880 Sidelights.
- 9’ 1” wide transoms are used above 6068/60610/6080 Hinged Inswing Patio Doors with 3068/30610/3080 Sidelights.

Use structural joining material when necessary or required by code.

The light patterns illustrated apply to removable interior wood grilles, Full Divided Light, Simulated Divided Light, Decorelle 100, 150 and 400 and Finelight™ Grilles-Between-the-Glass. All removable interior 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 joining material 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 stationary except for direct-set units and transoms.
Hinged Inswing Patio Door Direct-Set Half Circle Sizes (Specialty Frame)

Hinged Inswing Patio Door Direct-Set Transom Sizes

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 Hinged Inswing Patio Doors.
2' 8-1/2" wide transoms are used above 2868, 28610 or 2880 Hinged Inswing Patio Doors.
3' 0" wide transoms are used above 3068, 30610 or 3080 Hinged Inswing Patio Doors.
4' 0" wide transoms are used above 4068, 40610 or 4080 Hinged Inswing Patio Doors.
5' 0" wide transoms are used above 5068, 50610 or 5080 Hinged Inswing Patio Doors.
5' 4" wide transoms are used above 5468, 54610 or 5480 Hinged Inswing Patio Doors.
6' 0" wide transoms are used above 6068, 60610 or 6080 Hinged Inswing Patio Doors.
7' 7" wide transoms are used above 5068/50610/5080 Hinged Inswing Patio Doors with 2668/26610/2680 Sidelights.
8' 1" wide transoms are used above 5468/54610/5480 Hinged Inswing Patio Doors with 2868/28610/2880 Sidelights.
9' 1" wide transoms are used above 6068/60610/6080 Hinged Inswing Patio Doors with 3068/30610/3080 Sidelights.

Use structural joining material when necessary or required by code.

The light patterns illustrated apply to removable interior wood grilles, Full Divided Light, Simulated Divided Light, Decorelle 100, 150 and 400 and Finelight™ Grilles-Between-the-Glass. All removable interior 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 joining material 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 stationary except for direct-set units and transoms.

ADDITIONAL CUSTOM SIZES ARE AVAILABLE. CONTACT YOUR LOCAL DEALER FOR MORE INFORMATION. DRAWINGS ARE NOT TO SCALE.
Hinged Inswing Patio Door Direct-Set Transom Sizes

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 joining material when necessary or required by code.

The light patterns illustrated apply to removable interior wood grilles, Full Divided Light, Simulated Divided Light, Decorelle 100, 150 and 400 and Finelight™ Grilles-Between-the-Glass. All removable interior 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 joining material 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 stationary except for direct-set units and transoms.
Single Arch Inswing Patio Door & Sidelight Sizes

NOTES
All doors and sidelights use safety/tempered glass.
Single doors have a 3’ 0” radius.
Double doors have a 5’ 0” radius.
Use structural joining material when necessary or required by code.
The light patterns illustrated apply to removable interior wood grilles, Full Divided Light, Simulated Divided Light, Decorelle 100, 150 and 400 and Finelight™ Grilles-Between-the-Glass. 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.

Inswing Frame Height
(using Low Threshold Sill)
= Standard Inswing Frame Height – 15/16”

FORMULA FOR COMBINATION DOORS
The overall frame dimension (both width and height) is equal to the sum of the individual unit frame dimensions plus joining material 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 stationary except for direct-set units and transoms.

Double Arch Inswing Patio Door Sizes
3-Wide Arch Inswing Patio Door & Sidelight Sizes

NOTES
All doors and sidelights use safety/tempered glass.

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

Use structural joining material when necessary or required by code.

The light patterns illustrated apply to removable interior wood grilles, Full Divided Light, Simulated Divided Light, Decorelle 100, 150 and 400 and Finelight™ Grilles-Between-the-Glass. All removable interior wood grilles will be installed in the units unless otherwise specified.

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

Inswing Frame Height Formula
(using Low Threshold Sill)
= Standard Inswing Frame Height – 15/16"

FORMULA FOR COMBINATION DOORS
The overall frame dimension (both width and height) is equal to the sum of the individual unit frame dimensions plus joining material 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 stationary except for arch sidelights.
The door handing and order designation noted below is consistent with the handing of other Andersen® doors and is used throughout the remainder of the hinged patio doors section.

**Identification**
All hinged doors are viewed from the exterior. From left to right, choose stationary, active or passive, then choose hinging.

**Stationary Panel**
Non-operating panel.

**Left Hinged**
Hinges mounted on the left side of the panel.

**Right Hinged**
Hinges mounted on the right side of the panel.

**Active Panel**
The operating panel most often used.

**Passive Panel**
The operating panel with astragal attached.

**Stationary Panel**
Non-operating panel.

**Left Hinged**
Hinges mounted on the left side of the panel.

**Right Hinged**
Hinges mounted on the right side of the panel.

**Active Panel**
The operating panel most often used.

**Passive Panel**
The operating panel with astragal attached.

**Hinged Patio Doors — Inswing**

**Handing Options**

<table>
<thead>
<tr>
<th>Single Door</th>
<th>Double Door</th>
<th>Center Post Door</th>
</tr>
</thead>
<tbody>
<tr>
<td>S</td>
<td>(shown as APLR)</td>
<td>(shown as hinged off astragal)</td>
</tr>
<tr>
<td>A L</td>
<td>A P L R</td>
<td>S A L</td>
</tr>
<tr>
<td>A R</td>
<td></td>
<td>A S R</td>
</tr>
</tbody>
</table>

**Order Designation Description**

<table>
<thead>
<tr>
<th></th>
<th>As Viewed From Exterior</th>
</tr>
</thead>
<tbody>
<tr>
<td>Single Door</td>
<td>S</td>
</tr>
<tr>
<td></td>
<td>AL</td>
</tr>
<tr>
<td></td>
<td>AR</td>
</tr>
<tr>
<td>Double Door</td>
<td>PALR</td>
</tr>
<tr>
<td></td>
<td>APLR</td>
</tr>
<tr>
<td></td>
<td>SS</td>
</tr>
<tr>
<td>Center Post Door - Hinged Off Jamb</td>
<td>SAR</td>
</tr>
<tr>
<td></td>
<td>ASL</td>
</tr>
<tr>
<td>Center Post Door - Hinged Off Astragal</td>
<td>SAL</td>
</tr>
<tr>
<td></td>
<td>ASR</td>
</tr>
</tbody>
</table>
Hinged Inswing Patio Door Handing  
(As Viewed From Exterior)

Double Door Hardware Types

We offer three types of hardware on our hinged inswing and outswing patio double doors.  

(INterior Illustration)

**Type I Hardware**  
Autolatch® multi-point system on the active panel and a manually operated lever shoot bolt through the astragal. No handle is furnished for the passive panel.

**Type II Hardware**  
Autolatch multi-point system on the active panel and a dummy handle on the passive panel. The passive panel has a manually operated lever shoot bolt through the astragal.

**Type III Hardware**  
Autolatch multi-point system on the active panel and a manual shoot bolt operated through the handle on the passive panel. There are two deadbolts operated on the interior by thumb knobs and operated on the exterior by a keyed cylinder on the active panel.

**NOTES**  
The active panel is to the right in each diagram.