

Planning Guide ■

September 2015



Unite® System Rolling Door

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UNITE ROLLING DOORS

Unite Rolling Doors are offered in 180° inline, 90° corner, dead end, double dead end and building wall conditions. Unite Rolling Doors allow for simple privacy in workstation, and are offered with or without a jamb closure. Doors without a closing jamb simply over-lap the external corner of the closing panel intersection condition. Doors with jambs are shipped with a jamb post and a jamb rail (a receiver where the door can nest there by providing additional privacy).

- Widths: 36", 42"
- Heights: 64", 80"

64" and 80" Door Construction

The width dimension provided indicates the nominal opening width that the door will span, and the actual door is oversized to allow for panel overlap. 64" high doors are constructed with a single aluminum frame. 80" high doors have a 16" high segmented top section to correspond to a 16" high Unite stacking section.

Panel Attachment and Specification

In general, the panel to which a Rolling Door is attached must be specified the same width or wider than the nominal Rolling Door model (i.e. 36" w door with 36" or wider attachment panel). See rules and typical configurations as additional restrictions may apply. The No Jamb model must be specified with a 6" or wider attaching panel (i.e. 36" w model with 42" w or wider attaching panel). This prevents the door from extending open into an adjacent walkway. This rule is not required if the attaching panel is a member of a panel run.

Cores

Rolling Doors are available with two optional core inserts that are designated as "clear" and "opal". The insert material is a horizontally fluted polycarbonate sheet. Both cores are semi-transparent and provide basic privacy while allowing light to penetrate into the office space. The opal core is less transparent than the clear.

Handedness of Models

All Rolling Door models are "non-handed". Wheel assemblies are packaged separately from the door for unilateral application. Jamb post assemblies are reversible for right or left side assembly.

Planning Options

Rolling Doors can be ordered after a job site has been installed (reconfiguration) or space planned in advance of job site installation. If planned in advance, standard Unite intersections will be replaced with Jamb post intersections. If a job site is reconfigured after installation, standard intersections must be removed and replaced with the appropriate jamb post assembly. The exception is with the no-jamb condition which does not require a closing jamb intersection.

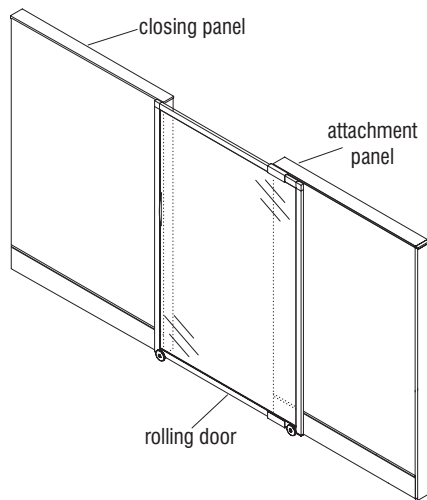
■ Product Overview - Rolling Door

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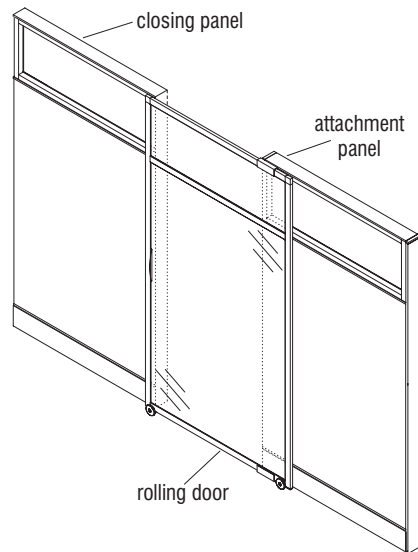
No Jamb Rolling Condition

No Jamb models overlap the closing panel by approximately 1½" and do not utilize a jamb post. The door can also be pushed flush against the closing panel to reduce the vertical gap. No Jamb models can be used with a variety of panel configurations but is shown below as an inline 180° configuration for reference. See the "Typical Configurations" section for the full set of typical closing configurations. **Note:** Only the 36" wide models are shown below; 42" wide models are also available.

Widths: 36", 42"
Heights: 64", 80"



36" Wide x 64" High (180° Inline Shown)

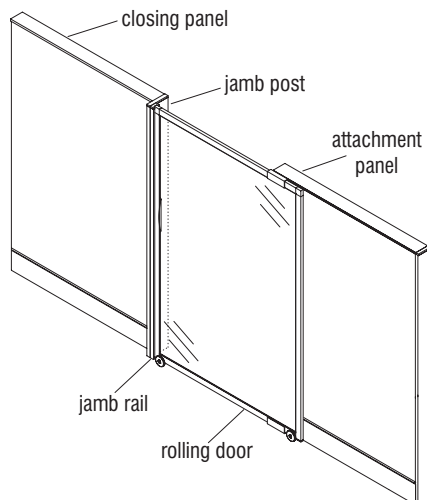


36" Wide x 80" High (180° Inline Shown)

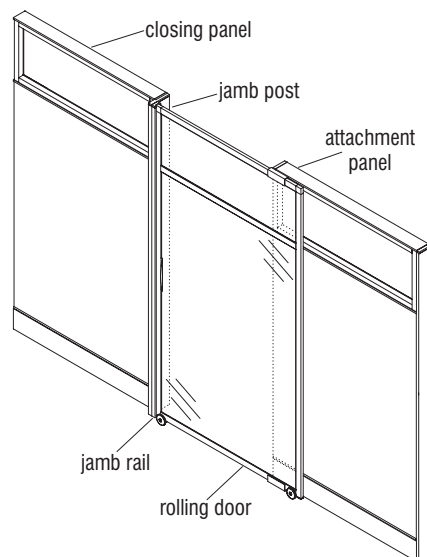
180° Inline Condition with Jamb

The 180° Inline condition includes a jamb post and jamb rail, which replaces the standard end-of-run trim. The jamb post allows the door to nest into the jamb rail providing a light seal and added privacy. **Note:** Only the 36" wide models are shown; 42" wide models are also available.

Widths: 36", 42"
Heights: 64", 80"



36" Wide x 64" High

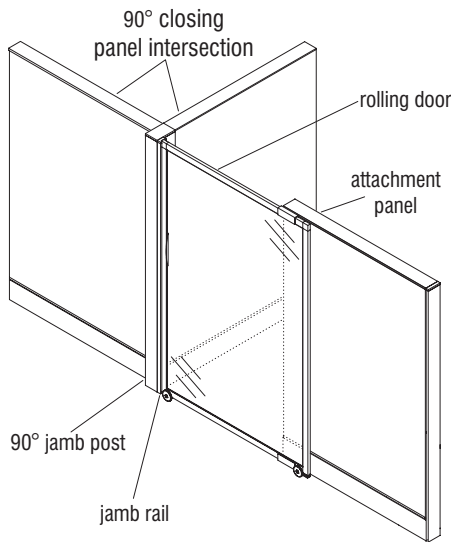


36" Wide x 80" High

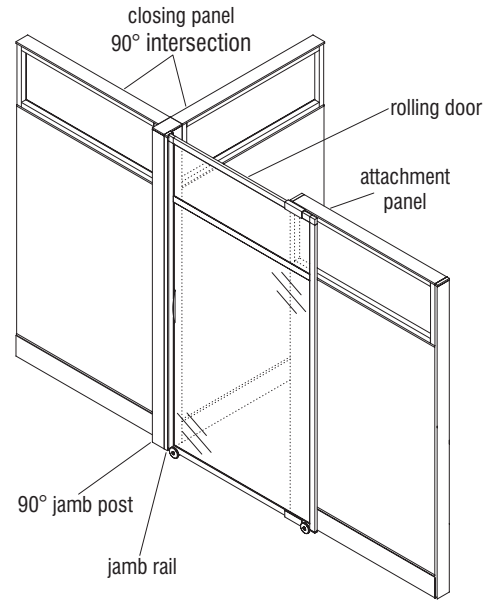
90° Corner Condition with Jamb

The 90° Corner condition includes a 90° jamb post and jamb rail which replaces the standard set of intersection blocks and trim. The jamb post allows the door to nest into the jamb rail, providing a light seal and added privacy. **Note:** Only the 36" wide models are shown. 42" wide models are also available.

Widths: 36", 42"
Heights: 64", 80"



36" Wide x 64" High

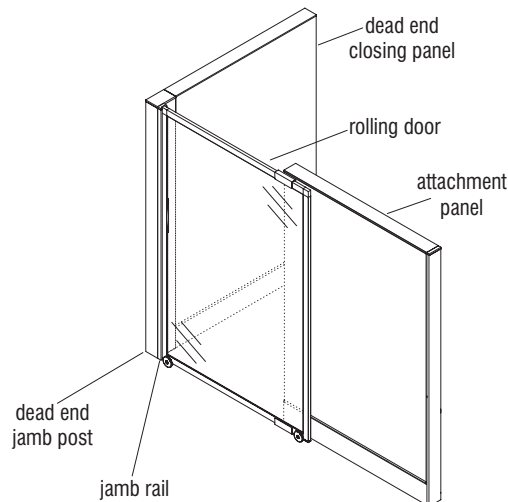


36" Wide x 80" High

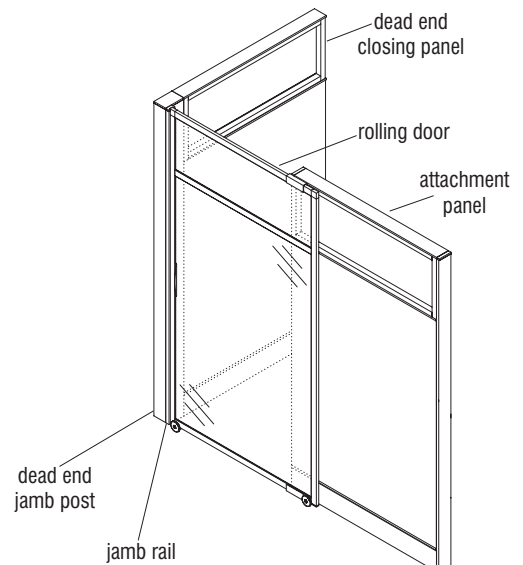
Dead End Condition with Jamb

The Dead End condition includes a dead end jamb post and jamb rail, which replaces the standard dead end intersection trim. The jamb post allows the door to nest into the jamb rail, providing a light seal and added privacy. **Note:** Only the 36" wide models are shown. 42" wide models are also available.

Widths: 36", 42"
Heights: 64", 80"



36" Wide x 64" High

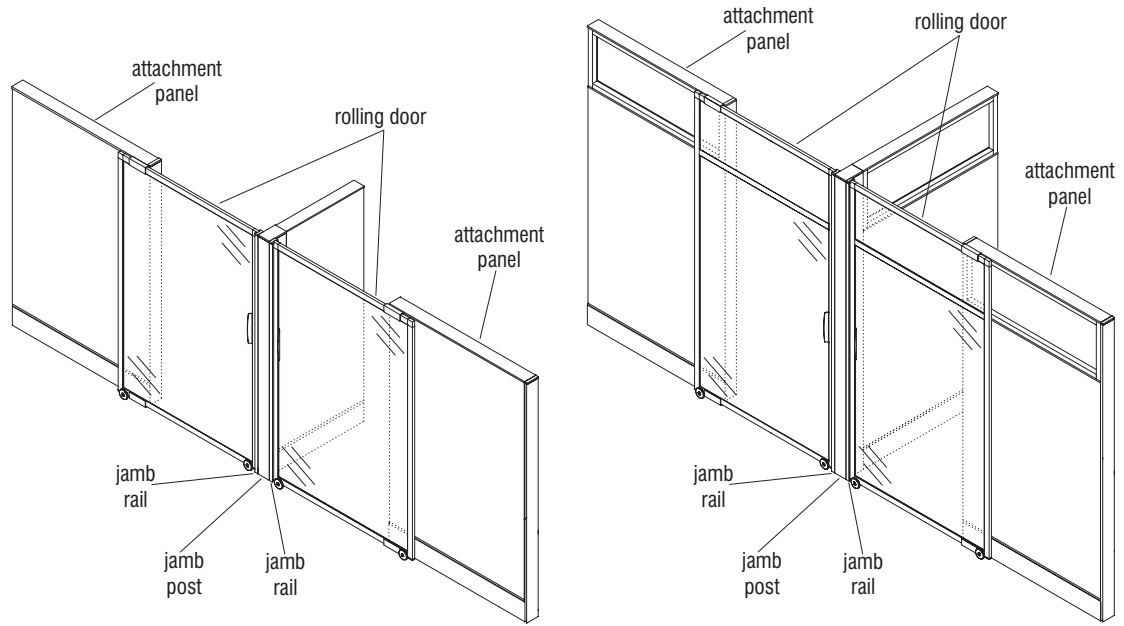


36" Wide x 80" High

Double Dead End Condition with Jamb

The Double Dead End condition includes a dead end jamb post and two jamb rails, which replaces the standard dead end intersection trim. The jamb post allows the two provided doors to nest into a jamb rail on each side of the jamb post. The jamb rail provides a light seal and added privacy. **Note:** Only the 36" wide models are shown; 42" wide models are also available.

Widths: 36", 42"
 Heights: 64", 80"



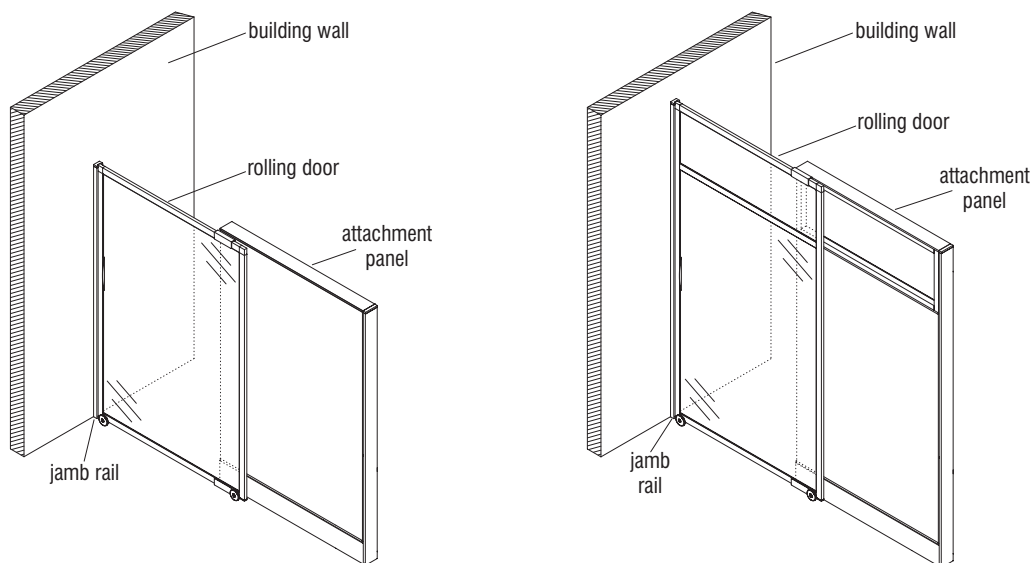
36" Wide x 64" High

36" Wide x 80" High

Building Wall Condition with Jamb

The Building Wall condition does not require a jamb post assembly; therefore only the jamb rail is provided. The jamb rail must be attached to the building wall with appropriate wall anchors (not provided by KI). The door nests in the jamb rail, providing a light seal and added privacy. **Note:** Only the 36" wide models are shown; 42" wide models are also available.

Widths: 36", 42"
 Heights: 64", 80"



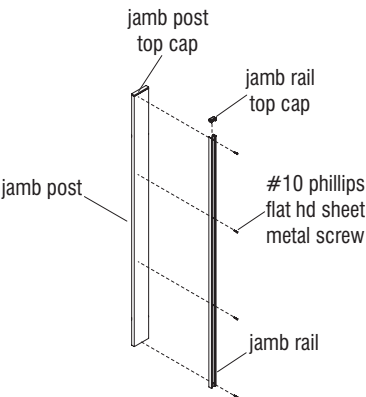
36" Wide x 64" High

36" Wide x 80" High

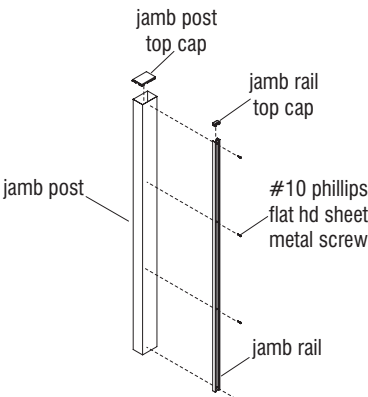
JAMBS & TRIM

Door Jams

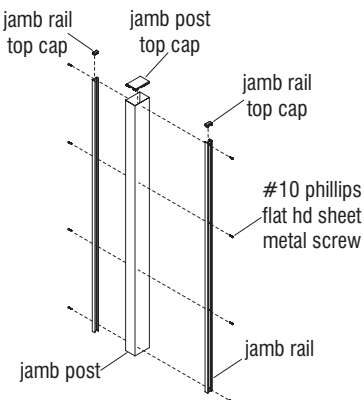
All Unite Rolling Doors (excluding the “no-jamb” model) feature a non-handed, jamb post assembly, available in either 64” or 80” height. The figures below show the common components. **Note:** 64” high shown as reference. Configurations 180° inline, 90° corner and dead end can be reversed for other hand.



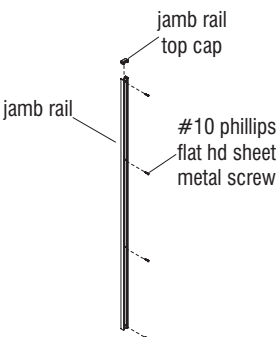
180° Inline



90° Corner and Dead End



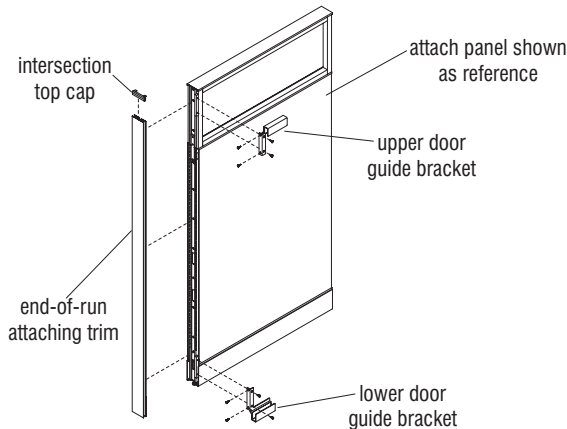
Double Dead End



Building Wall

End-of-Run Attaching Trim

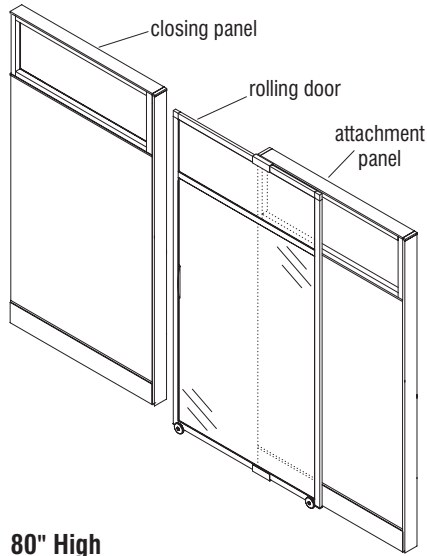
All Unite Rolling Doors (including the “no jamb” model) feature a common non-handed attaching trim assembly, available in either 64” or 80” height. The figure below shows the common components. This figure will not be shown with each model in the following guidelines. **Note:** 80” high shown as reference. Trim can be reversed for opposite hand.



ROLLING DOOR GUIDELINES

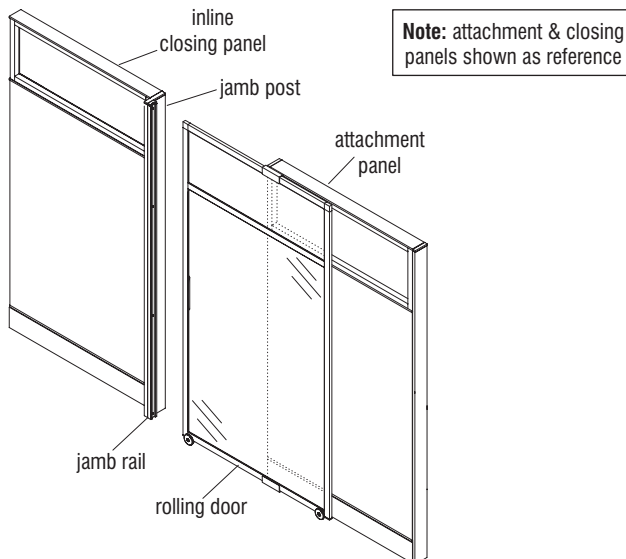
No Jamb Condition

The figures show the maximum and minimum requirements for rolling door attachment.



- Doors are non-handed and open right or left. See typical configuration section for acceptable configurations and dimensions.
- Attachment panel must be at least 6" wider than nominal door model width (ex. 36" width door with a 42" or wider attach panel).
- 64" high door must attach to 64" high Unite panel.
- 80" high door is intended to attach to a 64" high Unite panel with 16" stacking section (80" high).
- Closing panel can be any height.

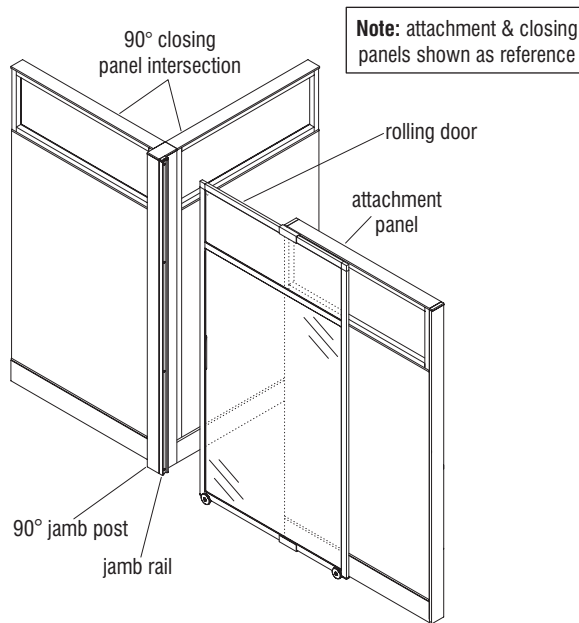
180° Inline Condition with Jamb



Note: attachment & closing panels shown as reference

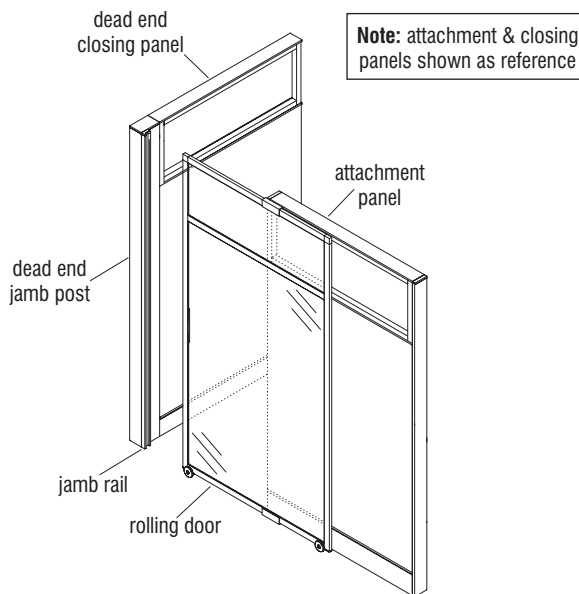
- Doors are non-handed and open right or left. See typical configuration section for acceptable configurations and dimensions.
- Attachment panel must be the same width or wider than the nominal door model width (ex. 36" width door with 36" or wider attach panel).
IMPORTANT: If planning adjacent rolling doors, the attachment panel must be at least 6" wider than door opening. See adjacent door configuration at the end of the section rolling door guidelines for further details.
- 64" high door must attach to 64" high Unite panel.
- 80" high door must attach to a 64" high Unite panel with 16" stacking section (80" high).
- Closing panel must be either 64" or 80" to match door height accept provided Jamb Post assembly.

90° Corner Condition with Jamb



- Doors are non-handed and open right or left. See typical configuration section for acceptable configurations and dimensions.
- Attachment panel must be the same width or wider than the nominal door model width (ex. 36" width door with 36" or wider attach panel).
IMPORTANT: If planning adjacent rolling doors, the attachment panel must be at least 6" wider than door opening. See adjacent door configuration at the end of the section rolling door guidelines for further details.
- 64" high door must attach to 64" high Unite panel.
- 80" high door is intended to attach to a 64" high Unite panel with 16" stacking section (80" high).
- Both closing panels at the 90° Corner condition must be the same height-either 64" or 80" to match model height and to accept provided jamb post assembly.
- 64" high closing panels can accept hang-on storage components and accessories.

Dead End Condition with Jamb

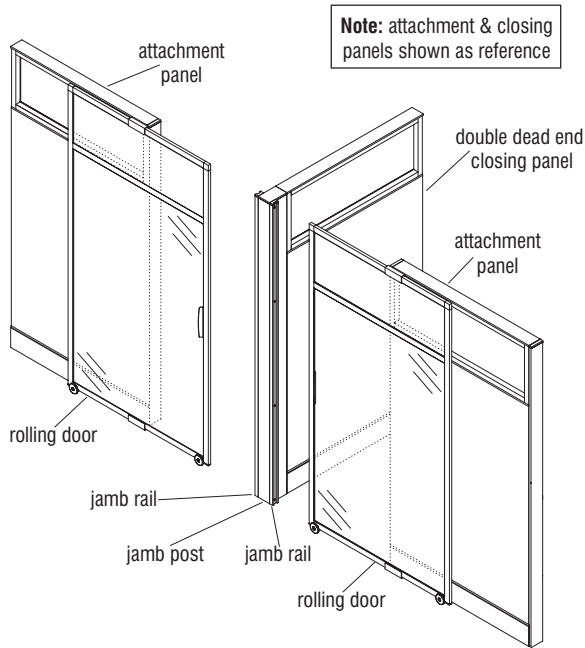


- Doors are non-handed and open right or left. See typical configuration section for acceptable configurations and dimensions.
- Attachment panel must be the same width or wider than the nominal door model width (ex. 36" width door with 36" or wider attach panel).
IMPORTANT: If planning adjacent rolling doors, the attachment panel must be at least 6" wider than door opening. See adjacent door configuration at the end of the section rolling door guidelines for further details.
- 64" high door must attach to 64" high Unite panel.
- 80" high door must attach to a 64" high Unite panel with 16" stacking section (80" high).
- Closing panel must be either 64" or 80" to match door height accept provided jamb post assembly.

■ Planning Guidelines - Rolling Door

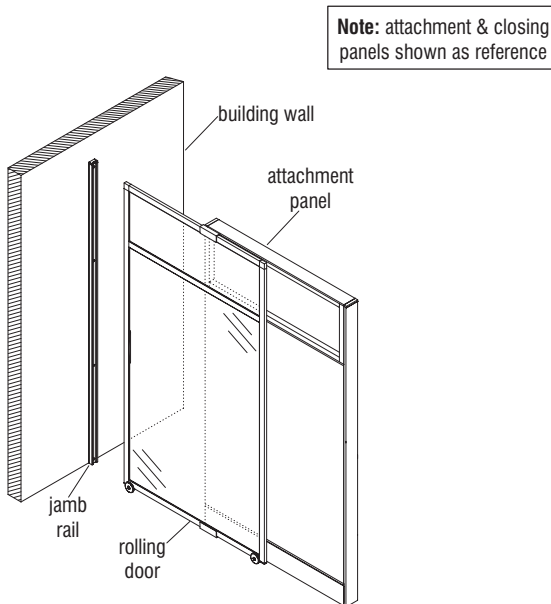
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Double Dead End Condition with Jamb



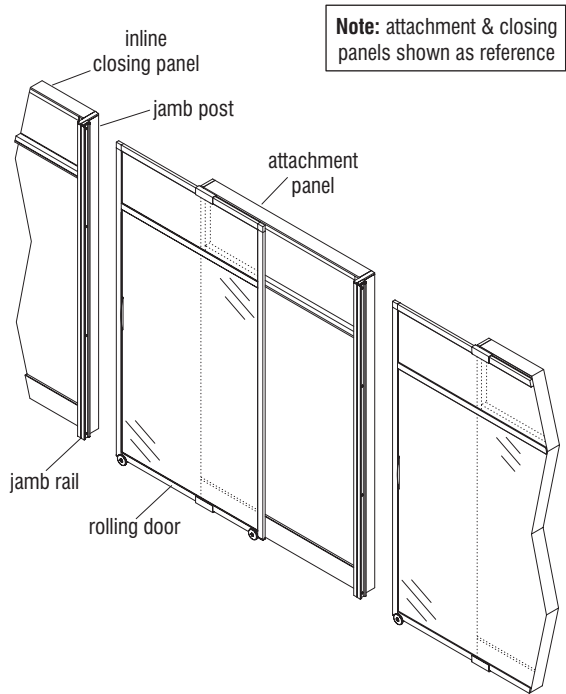
- Both doors must be the same size.
- Both attaching panels must be the same width or wider than nominal door model width (i.e. 36" door with a 36" or wider attach panel).
IMPORTANT: If planning adjacent rolling doors, the attachment panel must be at least 6" wider than the rolling door model. See adjacent door configuration at the end of the section rolling door guidelines for further details.
- 64" high door must attach to 64" high Unite panel.
- 80" high door is intended to attach to a 64" high Unite panel with 16" stacking section (80" high).
- Closing panel must be either 64" or 80" to match model height and to accept provided jamb post assembly.

Building Wall Condition with Jamb

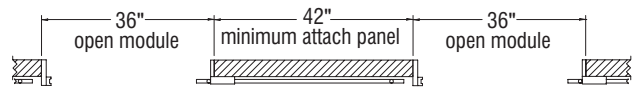


- Doors are non-handed and open right or left. See typical configuration section for acceptable configurations and dimensions.
- Attachment panels must be the same width or wider than door width (ex. 36" width door with a 36" or wider attach panel). **IMPORTANT:** If planning adjacent rolling doors, the attachment panel must be at least 6" wider than the rolling door model. See adjacent door configuration at the end of the section rolling door guidelines for further details.
- 64" high door must attach to a 64" high Unite panel.
- 80" high door must attach to a 64" high Unite panel with 16" stacking section (80" high).
- Hardware is not included to attach closing jamb rail to wall. Four appropriate wall anchors are required and must be separately.
- Jamb rails were designed to work with Genius Walls.
- The door opening can be less than the door sizes (ex. 36" & 42"). The extra door width will extend on the attachment panel when closed.
- The door opening can be more than the door sizes up to a recommended 1½" per size (i.e. 37.5" and 43.5") by adding a 1½" shim (wood board) behind the jamb rail to close the gap.
- No jamb post is used with a building wall. Only a jamb post is necessary.

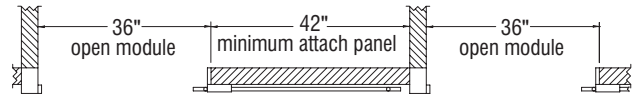
**Adjacent Rolling
Door Condition
with Jamb**



When rolling doors are specified adjacent such as along a spine or hallway run, the minimum attaching panel must be 6" wider than the rolling door model.



**open
Inline (180°)**



**open
Corner (90°)**

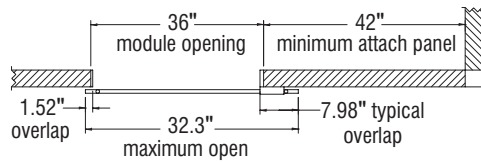
■ Planning Guidelines - Rolling Door

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No Jamb Condition Typicals

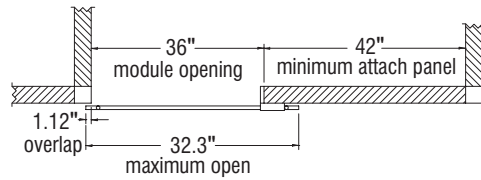
All configurations shown below do not use a jamb as the door over-laps the panel or intersection at the closed end.

- 36" models with typical "closed" and "open" dimensions.
- 180° Inline, 90°, Dead End, Double Dead End.



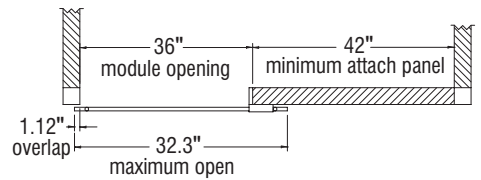
closed

No Jamb Inline (180°) 36" Rolling Door



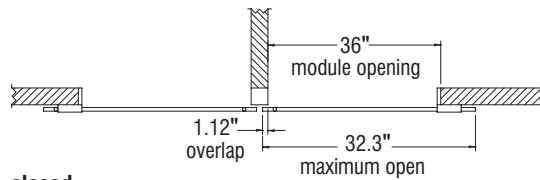
closed

No Jamb Corner (90°) 36" Rolling Door



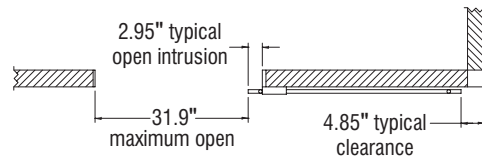
closed

No Jamb Dead End 36" Rolling Door

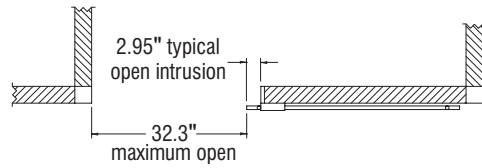


closed

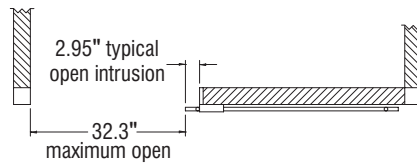
No Jamb Double Dead End 36" Rolling Door



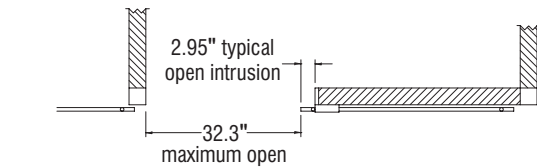
open



open



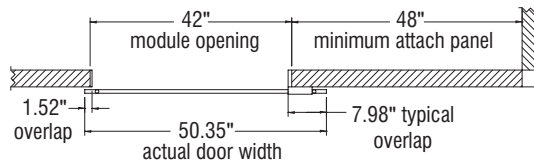
open



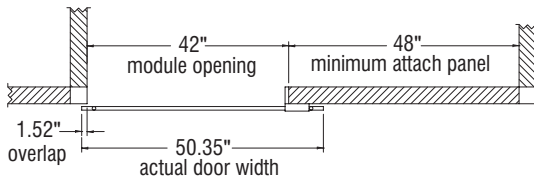
open

**No Jamb
Condition
Typicals (cont.)**

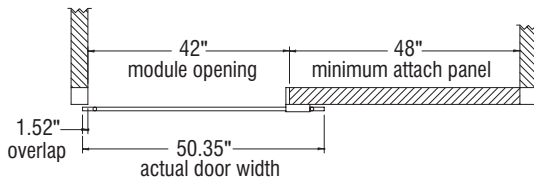
- 42" models with typical "closed" and "open" dimensions.



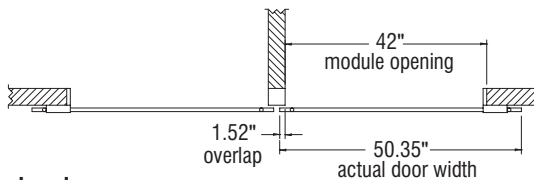
closed
No Jamb Inline (180°) 42" Rolling Door



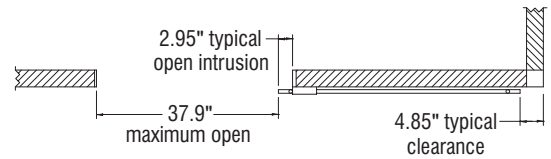
closed
No Jamb Corner (90°) 42" Rolling Door



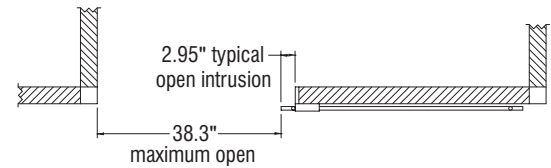
closed
No Jamb Dead End 42" Rolling Door



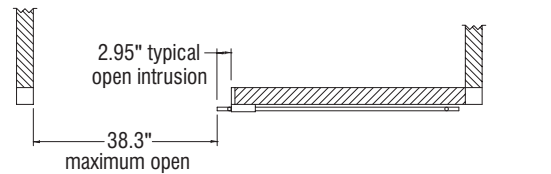
closed
No Jamb Double Dead-End 42" Rolling Door



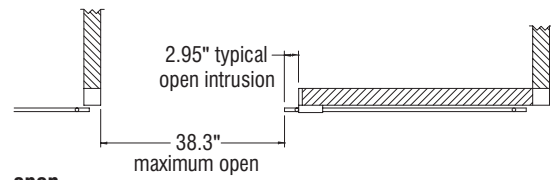
open



open



open



open

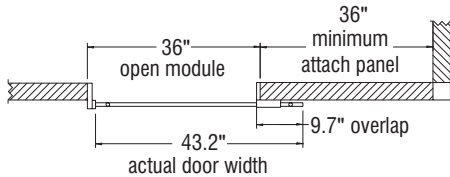
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Closing Jamb Condition Typicals

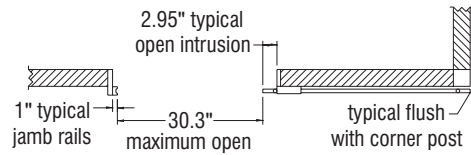
Configurations with a jamb include a jamb post and jamb rail. Five basic models are available as shown below.

- 36" models with typical "closed" and "open" dimensions.
- **IMPORTANT:** If planning adjacent rolling doors, see page 11.

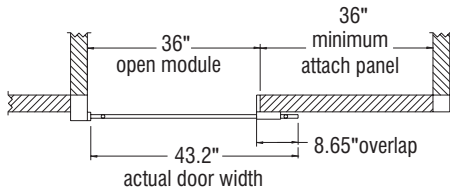


closed

Inline (180°) 36" Rolling Door with Closing Jamb

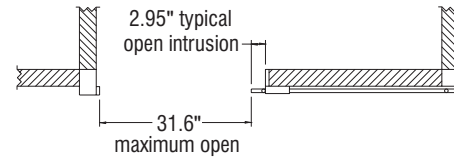


open

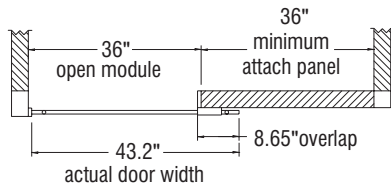


closed

Corner (90°) 36" Rolling Door with Closing Jamb

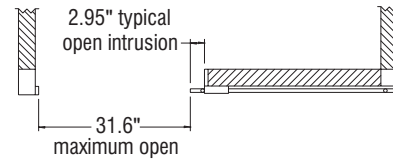


open

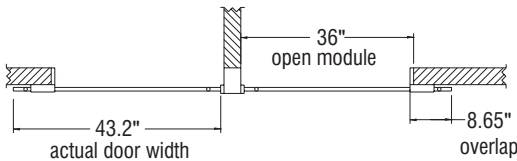


closed

Dead End 36" Rolling Door with Closing Jamb

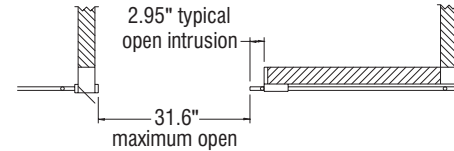


open

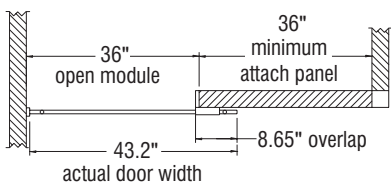


closed

Double Dead End 36" Rolling Door with Closing Jamb

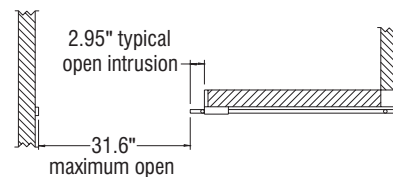


open



closed

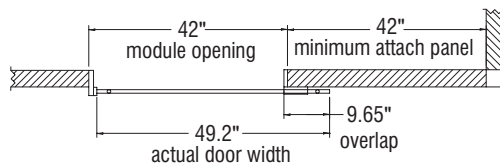
Building Wall 36" Rolling Door with Closing Jamb



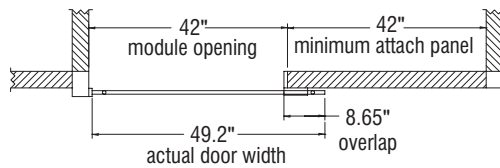
open

**Closing Jamb
Condition
Typicals (cont.)**

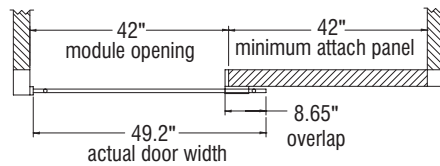
- 42" models with typical "closed" and "open" dimensions.
- **IMPORTANT:** If planning adjacent rolling doors, see page 11.



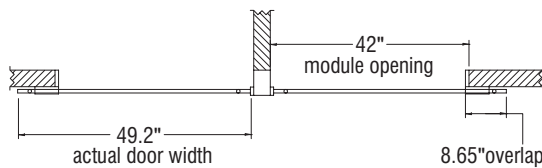
closed
Inline (180°) 42" Rolling Door with Closing Jamb



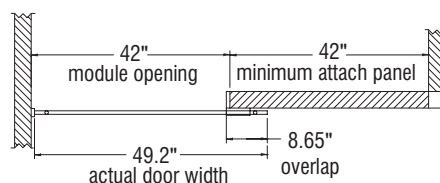
closed
Corner (90°) 42" Rolling Door with Closing Jamb



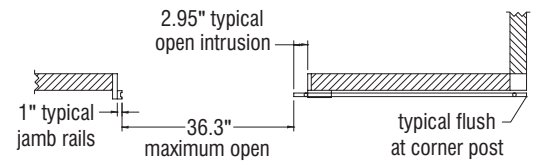
closed
Dead End 42" Rolling Door with Closing Jamb



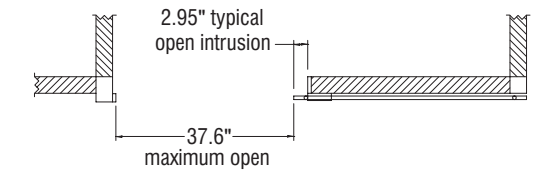
closed
Double Dead End 42" Rolling Door with Closing Jamb



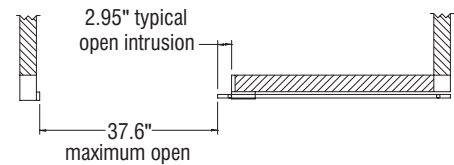
closed
Building Wall 42" Rolling Door with Closing Jamb



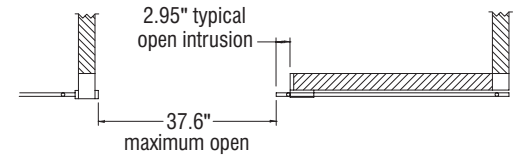
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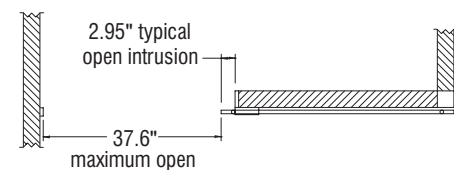
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■ Product Overview - Rolling Door Threshold

Unite® System - Planning Guide

ROLLING DOOR THRESHOLD

Threshold Function

Thresholds are designed with a groove for the rolling door wheel which also prevent the door from being pushed out of line. Thresholds provide a smooth consistent path for the door and prevent carpet wear from the wheels.

Sizes

Threshold model size is intended to match the rolling door size. Select the type of Threshold then the width of the door to determine the proper model.

Unite Rolling Door Threshold

- URDT36: For 36" Doors with Jambs
- URDT42: For 42" Doors with Jambs

Unite Rolling Door Threshold No Jamb

- URDTNJ36: For 36" doors with No Jambs
- URDTNJ42: For 42" doors with No Jambs

Unite Rolling Door Continuous

- URDTC: For any size doors where Thresholds can be connected end-to-end.

Color

Thresholds are anodized aluminum for optimal scratch resistance. The standard anodize color is either black or clear (aluminum), but the end caps are only offered in plain aluminum color. Additional anodize colors are available only with a special order.

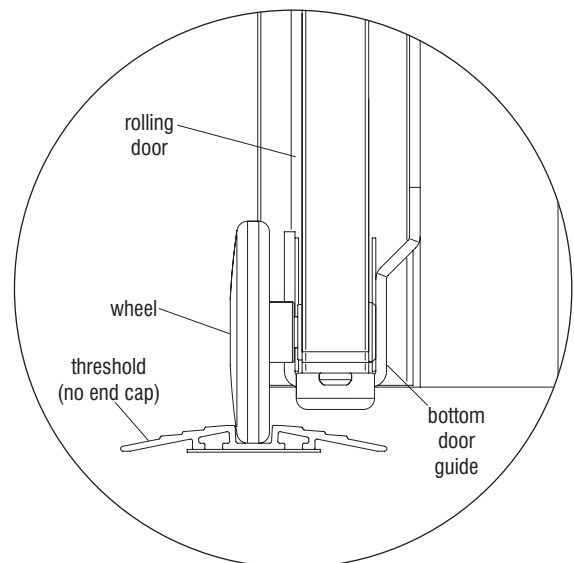
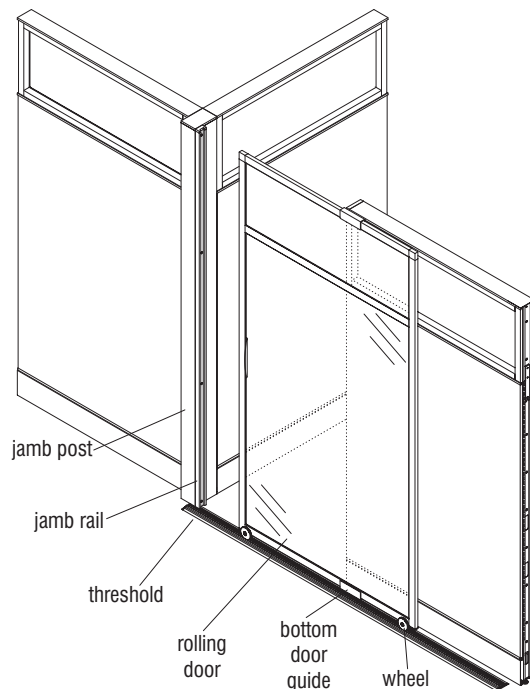
Actual Length

The actual length of the Threshold is roughly twice the width of the door opening. This is to allow the door to roll on the threshold in both the open and closed position. Continuous Thresholds are 96" long.

Floor Attachment

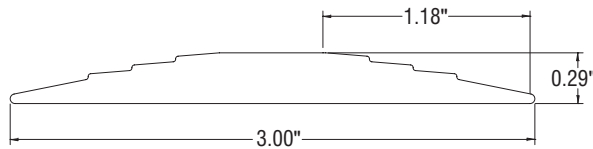
Two types of adhesive strips are shipped loose with the thresholds. Select which type works best for the floor and install to the bottom of the threshold.

1. **Two sided adhesive foam strips:** Intended for use on hard floors and hard pile carpet.
2. **Hook type fabric tape:** Intended for use with carpet. Nylon hooks in the tape grip a variety of carpet types.



Typical Installation (90°)

THRESHOLD PRODUCT GUIDELINES



$0.29 / 1.18 = 0.246"$
COMPLIES WITH ADA 1/2 (0.50") MAX.
AND NO SHARP VERTICAL RISE

Threshold with End Cap

- Thresholds are designed to work with minimum attaching panel width but will work with wider attaching panel widths.
- Continuous Thresholds are intended to fit end to end. The linear feet required must be determined by the space plan.
- Continuous Thresholds are 96" long without caps.
- Continuous Thresholds come with only one end cap since caps are not required at the joint.
- Thresholds can be adhered to both hard floors and carpet floor.
- If Thresholds are removed, some adhesive residue may remain on the carpet or floor. The residue can be removed with various solvents.
- Thresholds are standard black, or clear anodize color with aluminum color end caps. Other anodize colors are available with special orders.
- Thresholds can be powder-coated, but will be less scratch resistant.
- Thresholds are 404.2.5 ADA compliant. The Threshold does not have a sharp vertical rise of more than $\frac{1}{4}"$ and has a bevel ratio of 0.246" which is less than the maximum 0.50".

Threshold Continuous

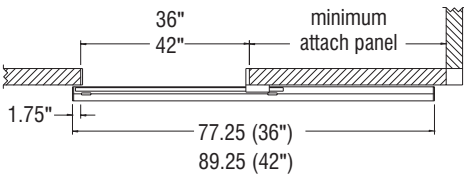
Continuous Thresholds are 96" long and are designed to run end-to-end, typically on a hallway run of workstation door openings. End caps are only necessary at the ends.

■ Planning Guidelines - Rolling Door Threshold

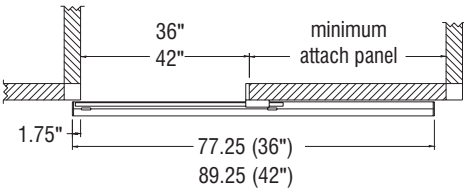
Unite® System - Planning Guide

No Jamb with Threshold
Typicals

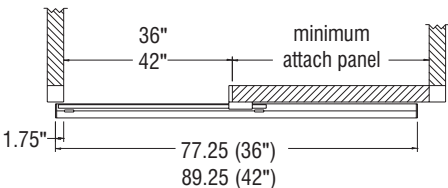
Dimensions are typical for 36" and 42" configurations.



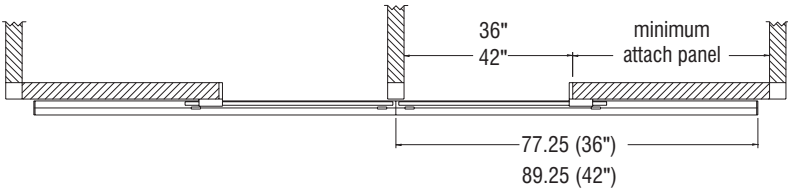
No Jamb Inline (180°) Rolling Door



No Jamb Corner (90°) Rolling Door



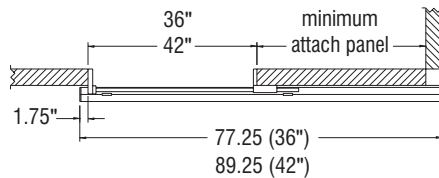
No Jamb Dead End Rolling Door



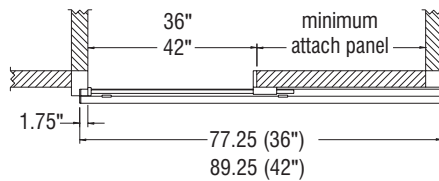
No Jamb Double Dead End Rolling Door
(two thresholds must be specified)

Closing Jamb with Threshold Typicals

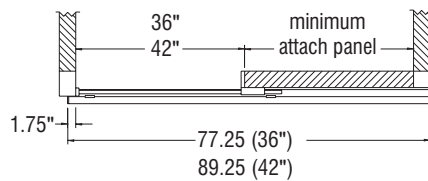
Dimensions are typical for 36" and 42" configurations.



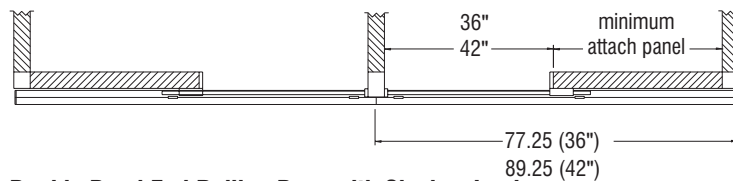
Inline (180°) Rolling Door with Closing Jamb



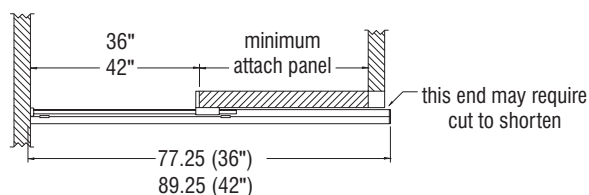
Corner (90°) Rolling Door with Closing Jamb



Dead End Rolling Door with Closing Jamb



Double Dead End Rolling Door with Closing Jamb (two thresholds must be specified)



Building Wall Rolling Door with Closing Jamb

KI
1330 Bellevue Street
P.O. Box 8100
Green Bay, Wisconsin 54308-8100
1-800-424-2432
www.ki.com

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