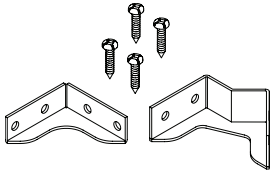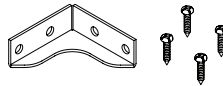**F K C H 1 3 3   Three-Way 135˚ Corner Connection Frame Hardware Kit**

Page 146

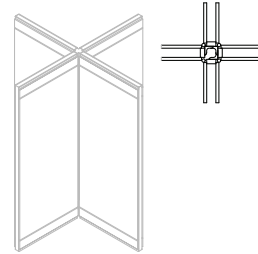**F K C H 1 8 0   Three-Way 180˚ Corner Connection Frame Hardware Kit**
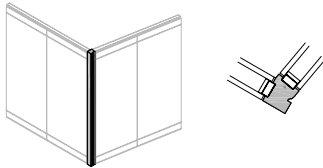
Page 146

F K C 4   Four-Way Connection

Page 147

F K C A 2   Articulating Two-Way Corner

Page 148
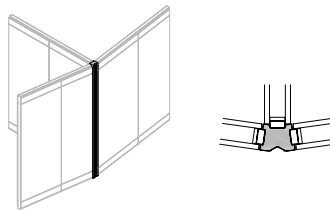Ceiling Height: 96" - 120" in 1" increments

F K C A 3   Articulating Three-Way Corner

Page 149
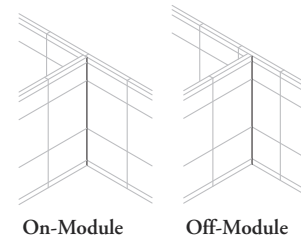Ceiling Height: 96" - 120" in 1" increments
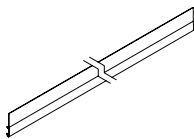
F K M 3   Three-Way 180˚ Module Connection

Page 150
Ceiling Height: 96" - 120" in 1" increments

On-Module   Off-Module

F K J   Wall Gasket

Page 151
Width: 120"

F K J C   Vertical Reveal Corner Kit

Page 152
Width: 120"

F K T F   Double Door Frame Package – Full-Height

Page 153
Ceiling Height: 96" - 120" in 1" increments / Width: 72", 80" & 84"

F K T S   Double Door Transom & Frame Package – Segmented-Height

Page 154
Ceiling Height: 96" - 120" in 1" increments / Width: 72", 80 & 84"

F K T E S   Hinged Glass Double Door Transom & Frame Package – Segmented-Height

Page 155
Height: 96" - 120" in 1" increments / Width: 72" & 80"

F K D   Door Frame Kit

Page 156
Ceiling Height: 84" 96" - 120" in 1" increments / Width: 40" & 42"

product map

F K S F   Barn Door Frame Package – Full-Height for Glass Door

Page 157
Ceiling Height: 96" - 108" in 1" increments / Width: 40", 42" & 48"

F K S F Z   Standard Glass Barn Door Frame – Low Profile

Page 158
Height: 96" - 120" in 1" increments / Width: 40" & 42"

F K R F S   Barn Door Frame Package – Full-Height for Solid/Glass Insert Door

Page 159
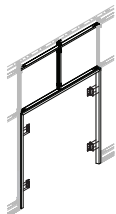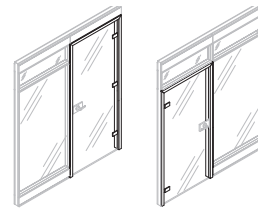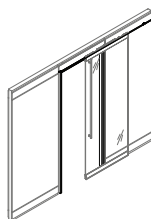Ceiling Height: 96" - 108" in 1" increments / Width: 40", 42" & 48"

F K S S   Barn Door Transom & Frame Package – Segmented-Height for Glass Door

Page 160
Door Height: 84" / Width: 40", 42" & 48"

F K R S S   Barn Door Transom & Frame Package – Segmented-Height for Solid/Glass Insert Door
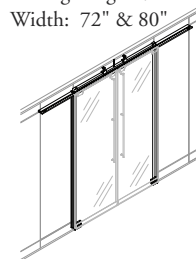
Page 160
Door Height: 84" / Width: 40", 42" & 48"

F K L F   Double Barn Door Frame Package – Full-Height for Glass Doors

Page 161
Ceiling Height: 96" - 120" in 1" increments / Width: 72" & 80"

F K L F Z   Double Glass Barn Door Frame – Low Profile

Page 162
Height: 96" - 120" in 1" increments / Width: 72"
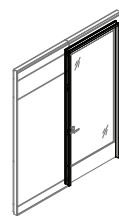
F K P F Z   Glass Pivot Door Frame Kit – Low Profile

Page 163
Height: 96" - 120" in 1" increments / Width: 40" & 42"

F T T   Installation Tools

Page 164

Male Connector Insertion Tool

Horizontal Field Cut Kit

Fascia Removal Tool

Foam Tape (1)

Foam Tape (2)

Drill Stop Assembly

Jig To Drill Fascias in the Field
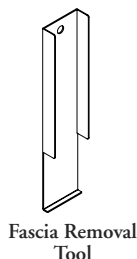
F B G   Horizontal Grommet

Page 165

122

product map

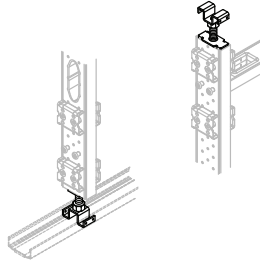**F A I Recycled Cotton Insulation**
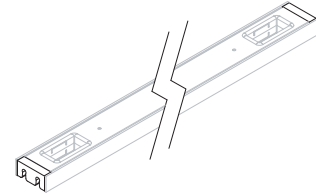
Page 166
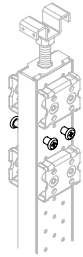Length: 50' / Width: 4'
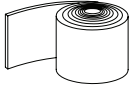
F B B Base Leveler

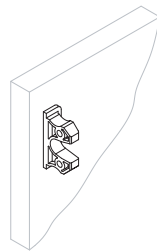Page 167

F B E Horizontal End Cap

Page 167
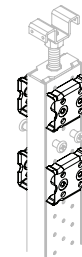
F B N Horizontal Connector Bolt

Page 167
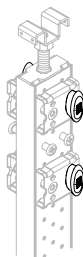
F B F M Fascia Connector – Male

Page 168

F B F F Fascia Connector – Female

Page 168

F K L Fascia Lock

Page 168

F K B Base Channel – Modular

Page 169
Width: 12" - 48" in 1" increments
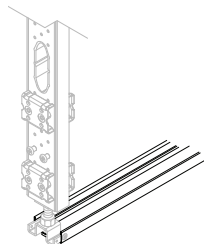
frame kit overview

Frame kits are used together to create the structural frame of the Altos wall. Frame kits are specified after the Fascia configurations has been determined.

Corner Cover (FKCN90) and Hardware Kit (FKCH90) (shown)

Also Available:
FKCN132 and FKCH132, FKCN133 and FKCH133, FKCN180 and FKCH180, FKC4, FKCA2, FKCA3

Recycled Cotton Insulation (FAI)
(not shown)
Recycled cotton insulation used within the Altos wall cavity to improve STC. Available as a 50' x 4' roll cut to size on site.

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Vertical Post Package (FKV)

Ceiling Channel (FKN),
Ceiling Clips (FKP)

Wall Gasket (FKG)

Horizontal Rail Package (FKH)

Wall Gasket (FKJ)
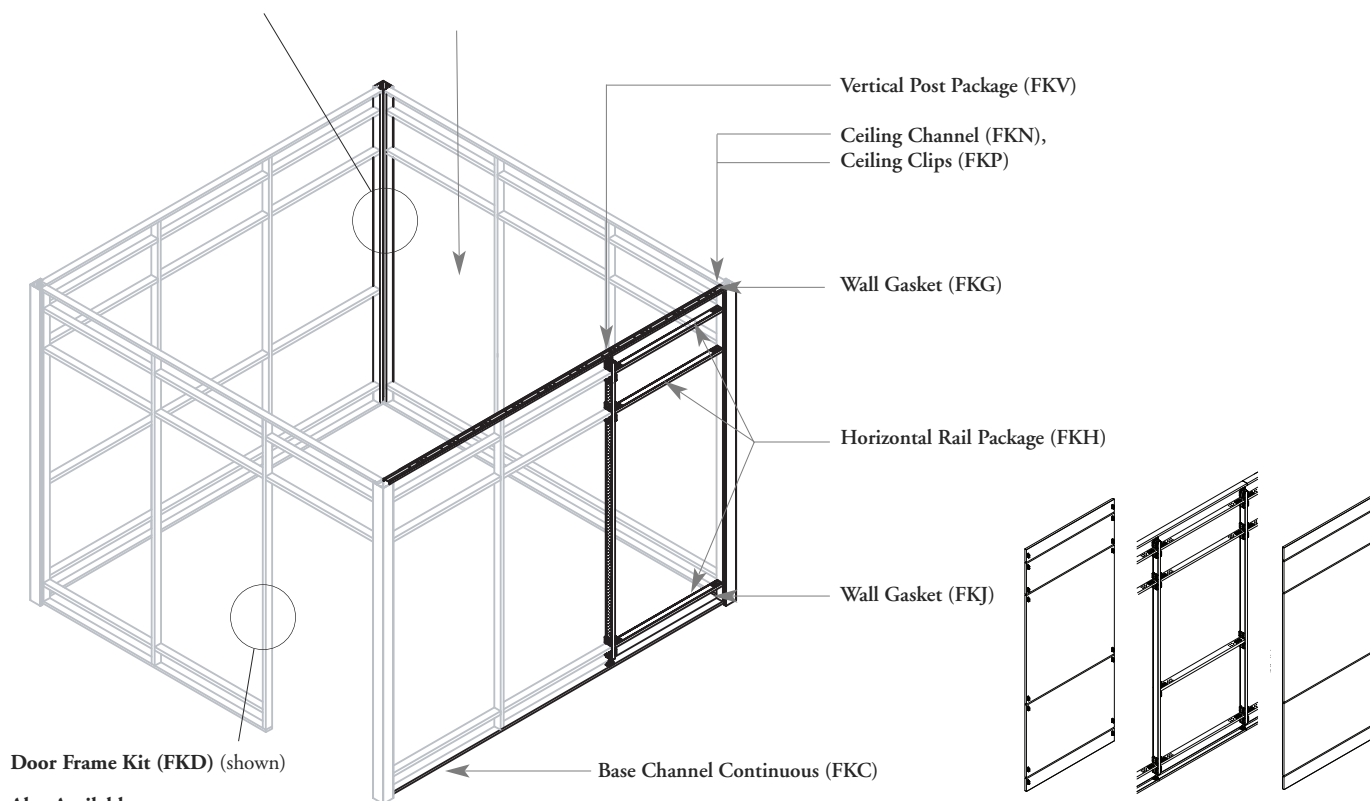
Door Frame Kit (FKD) (shown)

Also Available:
FKTF, FKTS, FKRT, FKRS, FKRSS

Base Channel Continuous (FKC)

Frame Kit packages are for vertical posts and horizontal rails are specified to coordinate with Fascia elevations chosen.

Adjustable Wall End (FKE)

Drywall
or
Building
Perimeter

Wall Start (FKW)

Drywall
or
Building
Perimeter

Wall Finished End (FKF)

Variable Angle Wall Start (FKWA)
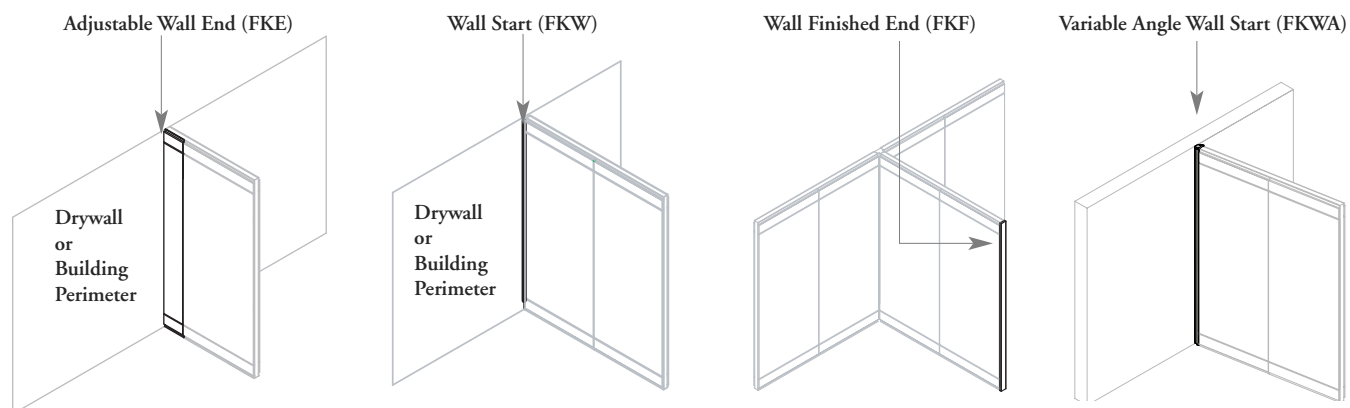
ceiling & base channel basics

⚠ • A Ceiling Channel (FKN) is required over entire wall run, including openings and corner connections in all applications of Altos wall system
• See page 72 for Vertical Post Fascias

Ceiling Clip (FKP)
• Is a non-permanent method of connecting the ceiling channel to the suspended ceiling
• **Cannot** be connected to all types of ceilings – site verification required
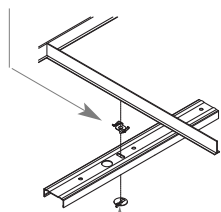• Non-marking and need to be ordered separately from ceiling channel
• Accommodate the changing wall locations without defacing the T-Bar

Ceiling Clip Upper

Ceiling Clip Lower

Horizontal Grommet (FBG)
(not shown)
• The Horizontal Grommet provides a finish to the Horizontal Rail cut outs
• Optional for use with solid and fabric fascias. **Cannot** be used with Glass Fascias

Wall Gasket (FKJ)
• Is a light and sound seal between the bottom of the wall system and the finished floor and the top of the wall system and the ceiling
• Minor height variations in floor and ceiling surfaces may be concealed by the wall gasket – available in 10'-0" lengths only
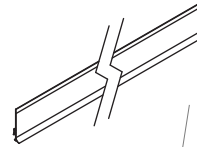
Vertical Reveal Cover Kit (FKJC)
The Vertical Reveal Cover provides a trim for vertical post when Platinum or Storm White gaskets are used
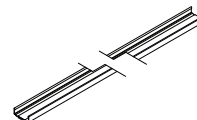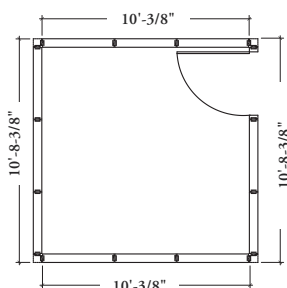
Horizontal Rail Package (FKH)
• Consist of horizontal rails and one Base Channel – Modular (FKB)
• Horizontal pass-through of electrics and communications is possible through the openings in the horizontal rails
• One Package is shared between the inner and outer elevation of a wall module
• Are universal and are used for both Solid and Glass Fascias
• Horizontal Rail Packages are included with the Pocket Door (FDKP/FDKS) in full-height and segmented-height options and do not need to be ordered separately
• **Must** specify base and ceiling fascia height being used
• When the 4" fascia is specified, female mounting clips are installed on the Horizontal Rail. When the 6" fascia is specified then female clips are mounted on the Vertical Posts

12", 18", 24", 30", 40", 42", 48" and in 1" increments from 12" - 48"

To determine the number of Ceiling Channels (FKN) required for the length of a wall run, take the total linear footage multiplied by 0.14

10'-3/8"

10'-8-3/8"   10'-8-3/8"

10'-3/8"

Ceiling Channel (FKN)
• Attaches to the ceiling and supports the Vertical Post Packages
• Is an inverted steel U-channel start and can be cut to size on site
• Holes are punched into the Ceiling Channel to facilitate power and communications feed from the ceiling into the wall
• Is available in 10'-0" lengths only
• Can be attached to ceiling at any angle

Ceiling Channel

Power and Communications Feed

Base Channel (FKC)
• Horizontal frame work of all wall assemblies
• Gap tape is provided along the underside of the channel to add stability and an acoustic barrier without mechanical attachments to the floors
• Can also be mechanically fastened to the floor if a more secure or permanent attachment is required (hardware not included)
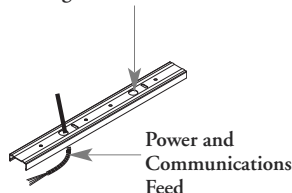• Available in 10" widths only

vertical post basics

The Vertical Post Package extends from finished floor to finished ceiling and is the vertical support of the Altos frame.

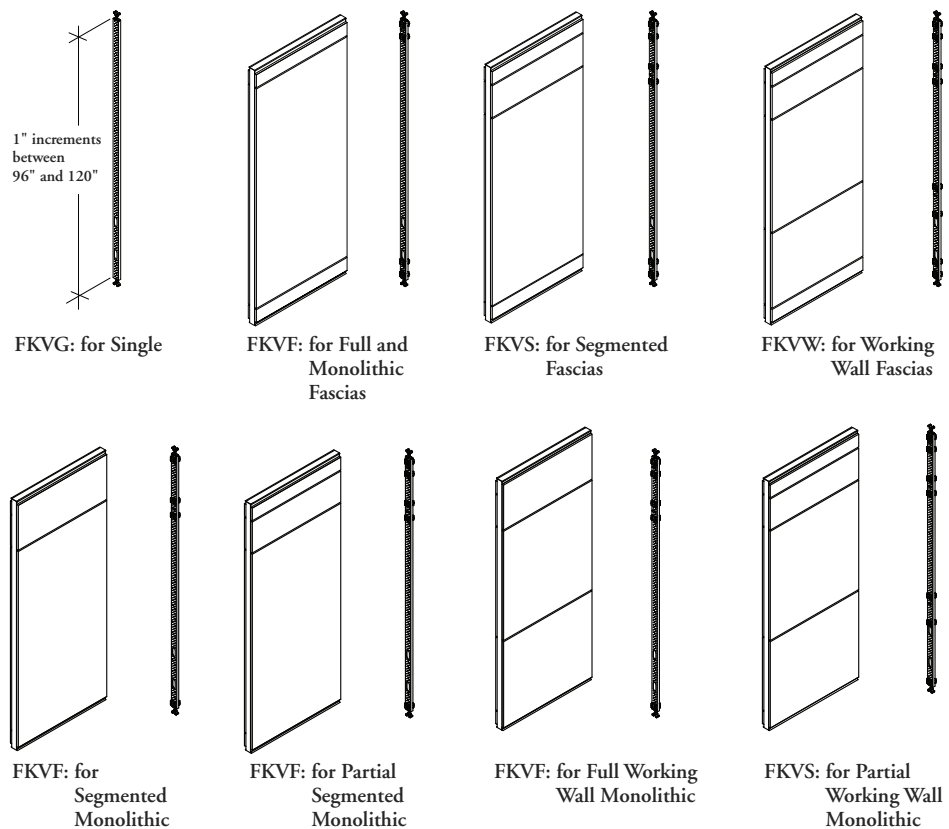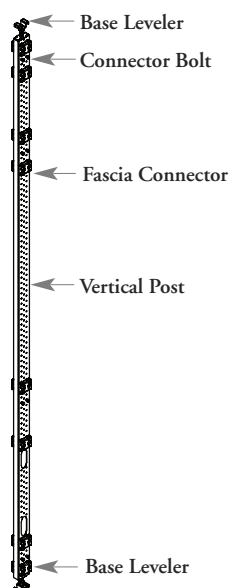- Vertical Post Packages are universal and also fulfill the vertical post requirements for door openings
- The levelers allow for adjustment of +1-1/2 / -0.5" independently at the top and +1-1/2 / -0.5" independently at the bottom
- **Must** specify base and ceiling fascia height being used

Hold Fascias in place to finish the surface and provide space division

Accept horizontal rails to complete the frame structure

Slots are punched into the face of the vertical post to accept hang on products such as worksurfaces or storage

Two cut outs near the bottom of the post are provided for electrics and communications pass-through

Allows horizontal pass through for electrics (total of 6 jumpers) and communications

Vertical Post Package (FKV)

- Base Leveler
- Connector Bolt
- Fascia Connector
- Vertical Post
- Base Leveler

1" increments between 96" and 120"

FKVG: for Single

FKVF: for Full and Monolithic Fascias

FKVS: for Segmented Fascias

FKVW: for Working Wall Fascias

FKVF: for Segmented Monolithic

FKVF: for Partial Segmented Monolithic

FKVF: for Full Working Wall Monolithic

FKVS: for Partial Working Wall Monolithic
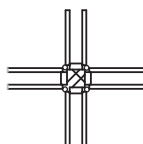
90° corner connection basics

Walls can be connected at right angles in two-way, three-way and four-way configurations.

- Brackets connect post packages to form a corner
- The quantity of brackets required may vary according to wall heights or wall material
- Can enclose electrics & communications travelling from wall-to-wall or from ceiling down to glass modules
- Covers for two-Way and three-way corners are in the Fascias Section
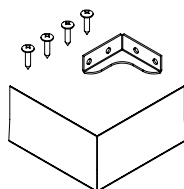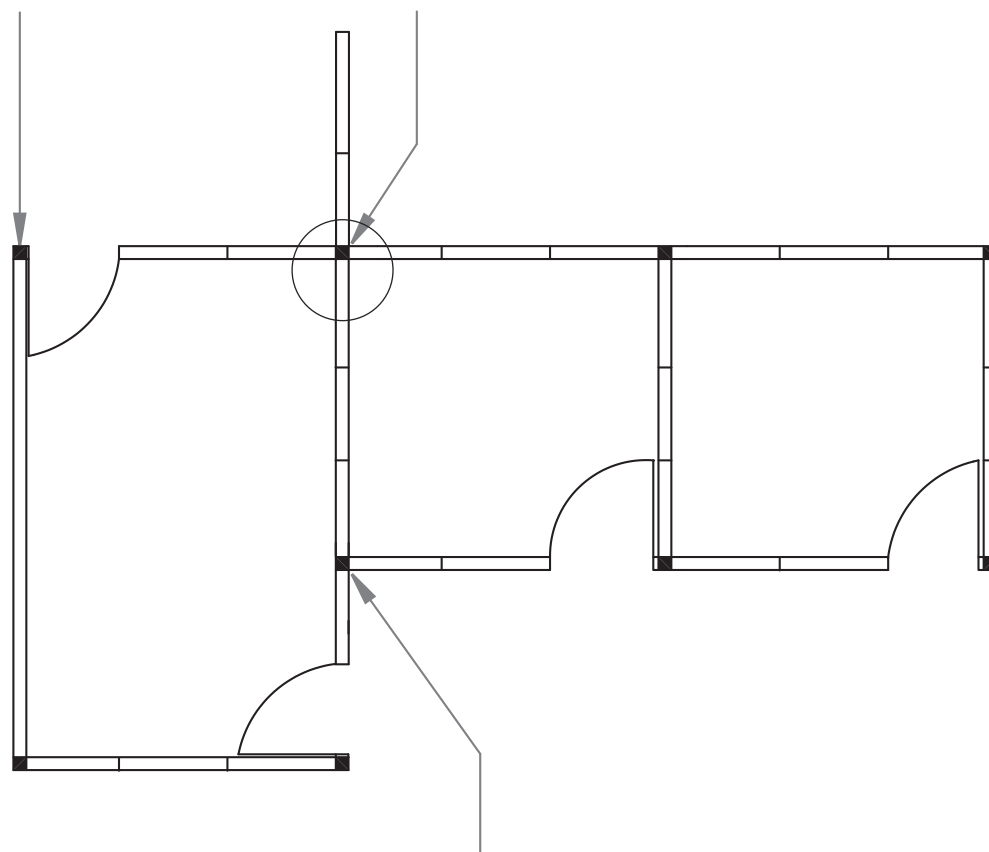
Two-Way 90˚ Frame Hardware Kit (FKCH90)

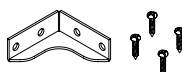Provides the framework to connect two walls at 90°.

Four-Way Connection 90˚ Connection (FKC4)

Creates a full-height connection between four walls which are connected at 90°.

Three-Way 180˚ Frame Hardware Kit (FKCH180)

Provides the framework to connect three walls at 180°.
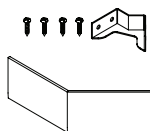
135° corner connection basics

Walls can be connected at 135° in two-way and three-way configurations.

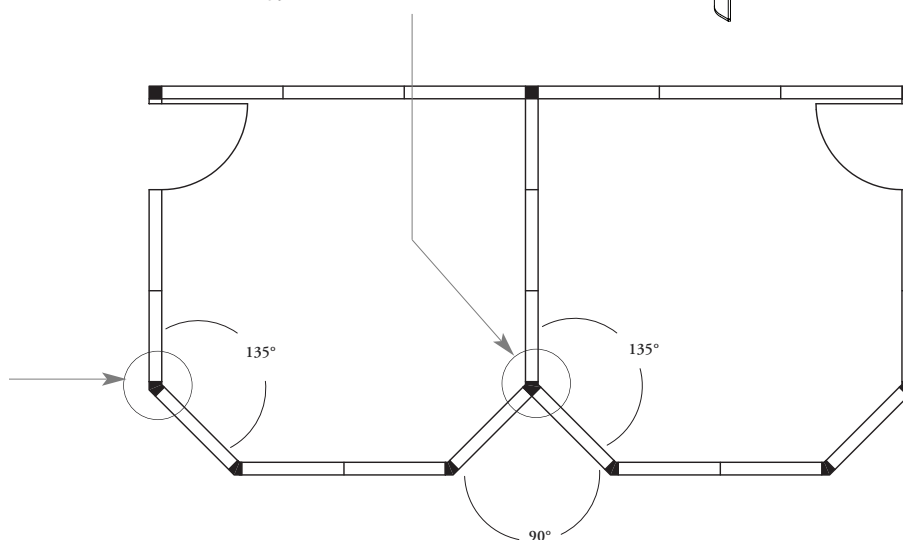⬥ Covers for 135° corners are in the Fascias Section.
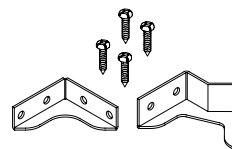
Three-Way 135° Frame Hardware Kit (FKCH133)

Provides the framework to connect to three walls at 135°.

Two-Way 135° Frame Hardware Kit (FKCN132)

Provides the frame work for two walls to be connected at 135°.

135°   135°

90°

articulating corner basics

Articulating Corners are used to change the angle of an Altos wall run.

⚠ • Articulating Corners are available in two-way and three-way configurations
- All Articulating Corners accommodate a range of adjustment from -10° to +10°
- Finished in anodized aluminum

Articulating Two-Way Corner (FKCA2)

• Connects two Altos walls between 80° and 100°

• Articulating wall can be on either side of corner

• Provides both the connecting hardware and cover
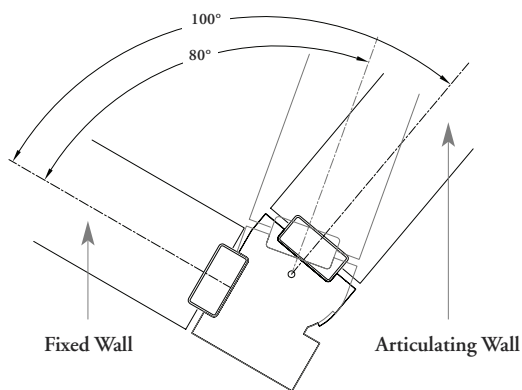
Articulating Three-Way Corner (FKCA3)

• Connects two Altos walls between 80° and 100° with a third fixed Altos wall

• Both sides of corner can be angled independently, each side allows for a maximum 20° of rotation (+/- 10°)

• Provides both the connecting hardware and cover

Fixed Wall   Articulating Wall

FKCA2   FKCA3
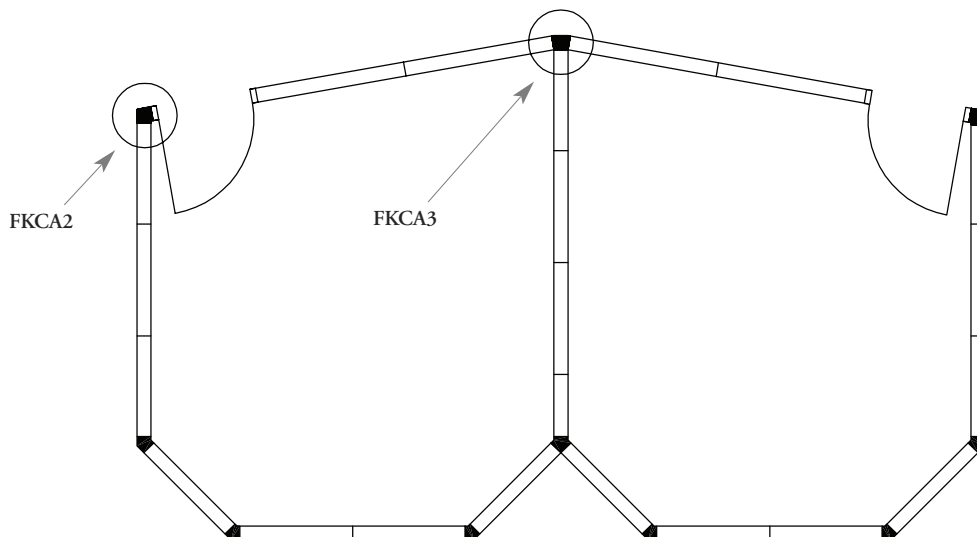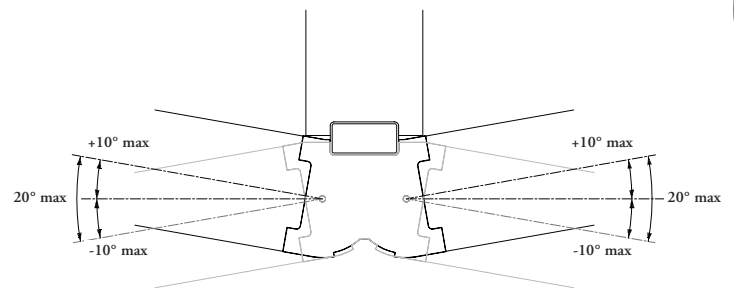
module connection basics

The Three-Way 180° Module Connection provides options for on and off-module connections to an existing wall run.

Three-Way 180° Module Connection (FKM3_1) (On-Module)
- Centers the connection at the vertical reveal between Fascias
- May **not** be attached at any other location

Spine Wall

96" -120"h in 1" increments

Perpendicular Wall
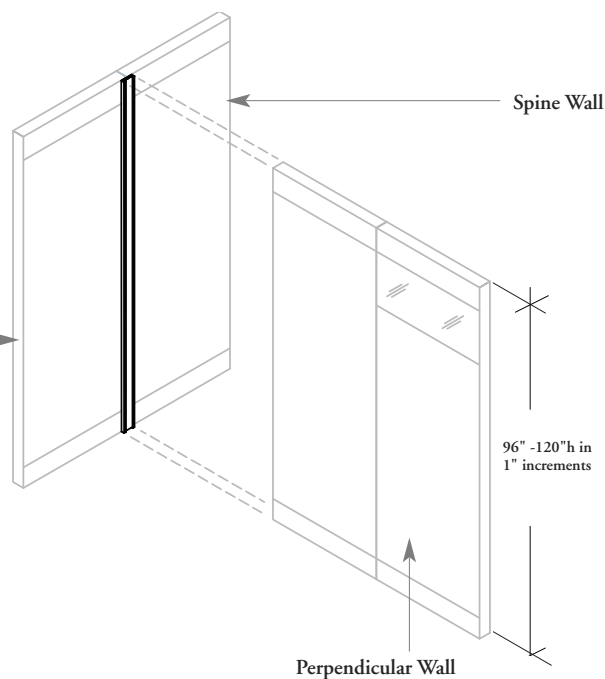
Three-Way 180° Module Connection (FKM3_2) (Off-Module)
- Creates a connection anywhere between reveals of Fascias
- May **not** be used a the vertical reveal
- Can be used at Solid and Double glass Fascias only
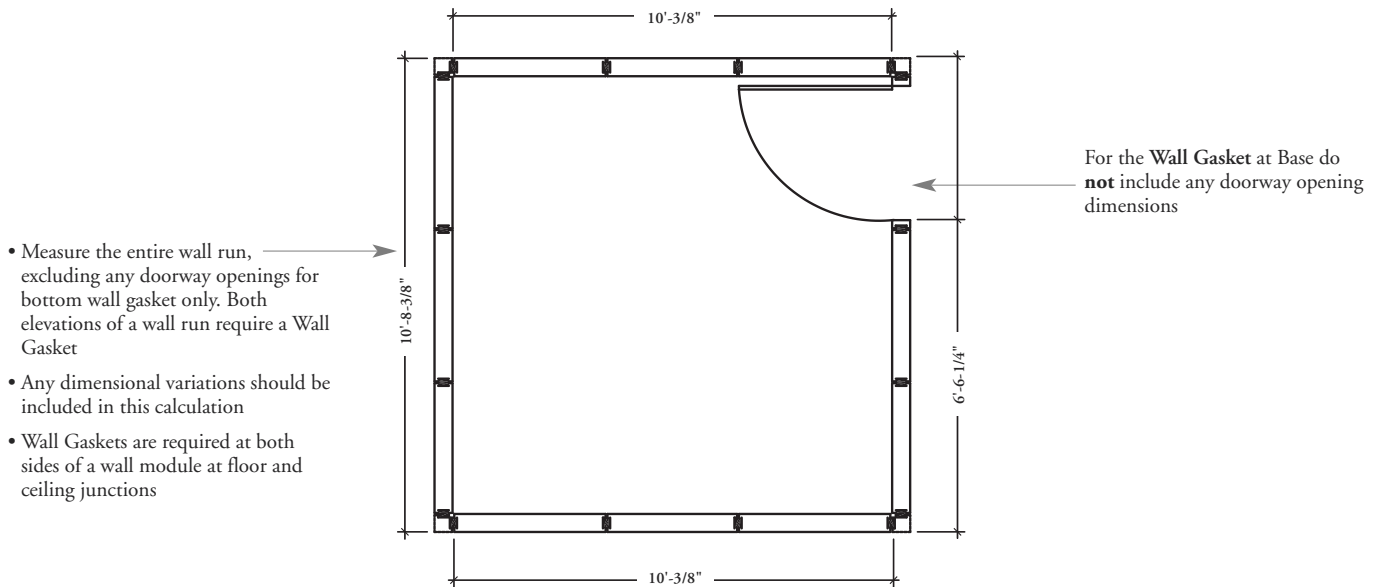- Module Connection adds 1-1/4" Creep – this added dimension comes from the connection interface

Spine Wall

96" -120" h

Perpendicular Wall
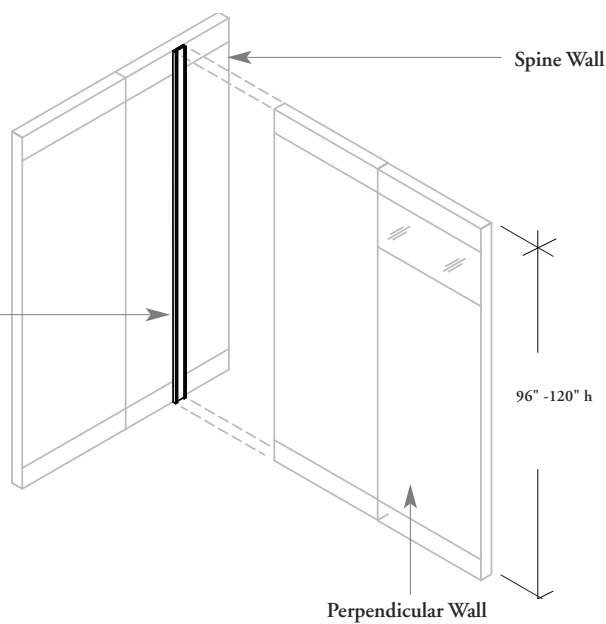
wall gasket basics

The Wall Gasket (FKG) provides a light and sound seal between the bottom of the wall system and the finished floor and the top of the wall system and the ceiling.

⚠ Minor height variations in floor and ceiling surfaces may be concealed by the wall gasket

determining wall gasket requirements

For the **Wall Gasket** at Base do **not** include any doorway opening dimensions

• Measure the entire wall run, excluding any doorway openings for bottom wall gasket only. Both elevations of a wall run require a Wall Gasket

• Any dimensional variations should be included in this calculation

• Wall Gaskets are required at both sides of a wall module at floor and ceiling junctions

The formula to determine the number of Wall Gaskets (FKG) required for the length of a wall run is the total linear footage of this product multiplied by 0.40 equals total number of Wall gaskets required.
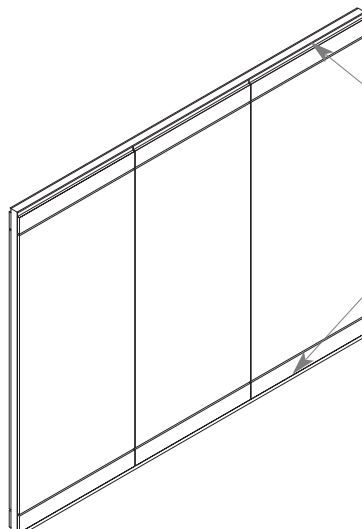
Wall Gasket (FKG)

• Required at both sides of a wall module at floor and ceiling junctions

• Used as a sound and light seal

• Is not required at the bottom of a door opening