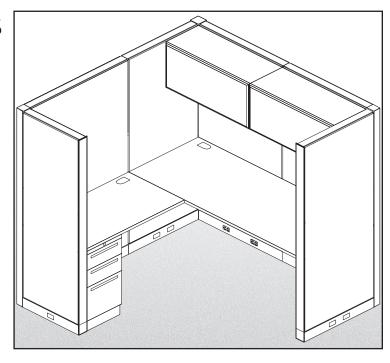
Installation Instructions



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APAPE-E



HHEISE



M-PFXINST





Pour des instructions en francias, appelar le 800-822-7653 Para instrucciones en enspanol, llame al 800-822-7653

A WARNING

Failure to install product as instructed, use of hardware other than that which is provided, or failure to comply with instructions can result in product failure, personal injury, or property damage.

Panel Connection Guidelines:

IMPORTANT: FOR ADEQUATE STABILITY of the panel freestanding wall partitions,

one of two methods of stabilization must be adhered to:

Definitions:

Parent Panel Run - Panels (or a single panel) configured in a straight line intended to divide space.

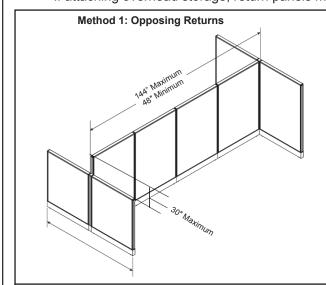
It is usually longer than the panels used to stabilize it.

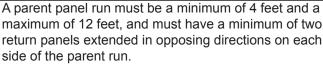
Return Panels - Panels attached to a parent run for the purpose of stabilizing it.

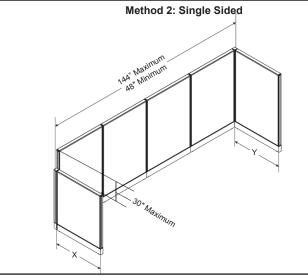
Return panels may also have the effect of dividing space.

Note: Return panels must be no more than 30" lower than the maximum height of the parent panel run.

When stacking, the maximum height allowed is 80". This includes frameless glass. If attaching overhead storage, return panels must be the same height as parent run.







A parent panel run must be a minimum of 4 feet and a maximum of 12 feet, and must have a minimum of two return panels (X+Y) extended in one direction (one at the beginning and at the end of the parent run) as defined below.

Panel Run Length	Minimum Return Panels	Minimun Return Panels With Stack-ons	Minimum Return Panels Total (X+Y)	Minimum Return Panels Total (X+Y) With Stack-ons
48"	20"	20"	84"	84"
54"	20"	20"	84"	84"
60"	20"	20"	84"	84"
66"	20"	20"	84"	84"
72"	20"	20"	84"	84"
78"	20"	20"	84"	84"
84"	20"	20"	84"	84"
90"	20"	20"	84"	84"
96"	20"	20"	84"	84"
102"	20"	20"	84"	84"
108"	20"	20"	84"	84"
114"	24"	24"	84"	96"
120"	24"	24"	84"	96"
144"	24"	24"	84"	96"

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Hardware Included



Fastener #1 #10-16x1/2 Hex Head



Fastener #2 #10-16x3/4 Phillips Head



Fastener #3 #8 x 1/2 Hex Head



Fastener #4 #8 x 3/4 Self Drilling



Fastener #5 #10 3/16 Hex Head

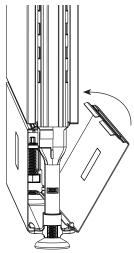


Fastener #6 #10 x 1-1/4 Phillips Head

Illustration 1. Kickplate

To Remove:

Step 1 -Pull kickplate from top edge by panel and unhinge from glide towers



To Install:

- Step 1 Place kickplate slots over glide tower tabs.
- Step 2 Press on top of kickplate near glide tower to snap into place against panel

Illustration 2. Panel to Corner Connections

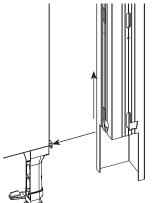
Trapezoid -

Hole

Corner Connector

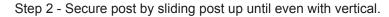
Step 1 - Arrange panel into location required. Locate Trapezoid Hole in bottom of

connector to the glide tower.



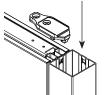
Post

NOTE: If a connection must be lifted after the screws are installed on a panel run longer than six feet, unscrew the panel connector brackets prior to lifting the panels. If using stackers, see pg 9.

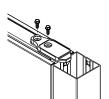


- Step 3 Fit bracket on the panel and corner connector post. Slide bracket to align with the holes in the panel.
- Step 4 Attach the brackets to the panels using the screws (Fastener #1) provided.

Do not over torque







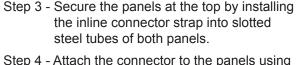
- Step 5 Lift the second panel up so the glide tower tab goes into the trapezoid hole.
- Step 6 -Ensure panel is fully seated by checking that the top of post is level with vertical
- Step 7 Repeat Steps 3 & 4 to secure panel.
- Step 8 Level Panels as they are assembled. Repeat the other panel connections. ("T", "S", or "X")

Illustration 3. Panel to Panel Connections

NOTE: Remove pins (Fastener #5) from stackers for panel to panel connections.

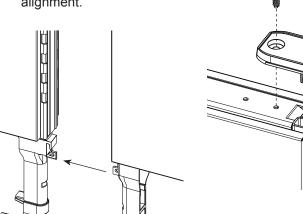
Step 1 - Remove the kickplate from one side of each panel.

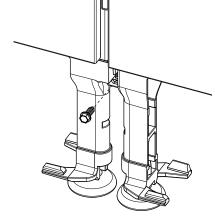
Step 2 - Position panels together with the slotted vertical tubes in alignment.



Step 4 - Attach the connector to the panels using two screws (Fastener #1) provided.

Do not over torque.





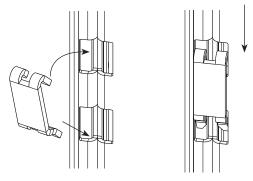
Step 5 - Secure the panels at the bottom by inserting a screw (Fastener #1) through the slot in the glide tower into the glide tower of the adjacent panel.

Step 6 - Reinstall kickplate.



Position determined by layout and worksurface supports. Place closet to worksurface height as possible without interfering with supports.

Step 8 - Use needle nose pliers to grab slots above or below intended clip location.
Pull verticals together.



Step 9 - Insert bottom prongs of clip at a slight angle into panel slots.

Rotate clip up so that the top prongs enter the slot above.

Slide clip down to secure connection.

NOTE: Inline clip only required on one side of panel connection.

Illustration 4. Previous Style Panel to Current

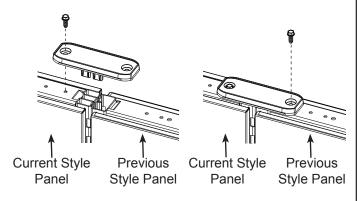
Follow Steps 1 through 3 for current style connection.

Step 4 - Attach the connector to the current style panel using one screw (Fastener #1) provided.

Do not over torque

Using the inline connector strap locate the hole over the previous style panel. Using a 9/64 drill bit, drill pilot hole into top horizontal tube.

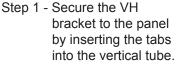
Attach the connector to the previous style panel using one screw (Fastener #1) provided. Do not over torque.



Follow Steps 5 through 9 for current style connection

Illustration 5. Variable Height (VH) Connections

5a. VH Panel to Corner Connection

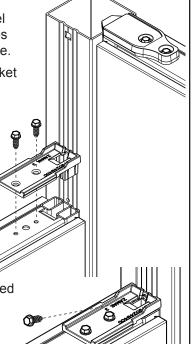


Step 2 - Attach the VH bracket to the panels using two screws provided

(Fastener #1).

* To ensure panel is located properly make sure the hole in the VH bracket lines up with hole on the post.

Step 3 - Insert screw provided (Fastener 1) into the opening on the VH bracket and into the hole on the connector post.

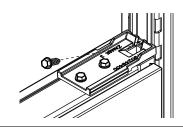


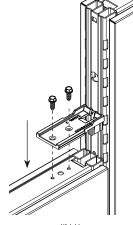
5b. VH Panel to Panel Connection

Step 1 - Secure the VH bracket to the panel by inserting the tabs into the vertical tube.

Step 2 - Attach the VH bracket to the panels using two screws provided (Fastener #1).

Step 3 - Insert screw provided (Fastener 1) into the opening on the VH bracket and into the hole on the connector post.







Step 4 - Insert inline clip.

See Steps 7 thru 9
on page 4.

Illustration 6. Trim Installations

6a. End of Run Trim

Step 1 - Use the curves in plastic end trim clip to line up with the curves in the vertical tube.

Attach with screws provided (Fastener #2)



Step 2 - Snap end trim extrusion over clips.

Step 3 - Engage end of run transition bracket into the end trim extrusion.

Step 4 - Attach the top trim bracket to panel using screws provided. (Fastener #1)

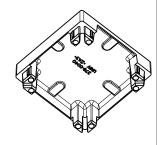
Step 5 - The top cap fits over the attachment connectors.

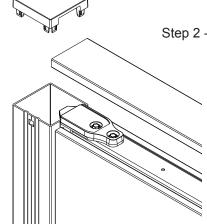
NOTE: Remove pins (Fastener #5) from stackers on end of run trim

6b. "L", "T", "S", "X" Intersection Trim

Step 1 - Using pliers, break out the appropriate windows on the corner connector top cap.

File rough edges if necessary.



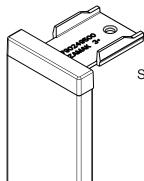


Step 2 - Press corner connector top cap into top of corner connector post placing the open windows over the attachment connectors.

Illustration 6. Trim Installations Continued

6c. VH Panel to Corner Connection Trim

- Step 1 Install top cap on the lower panel.
- Step 2 Mount the VH plastic extrusion to the corner connector post using the alignment grooves and self drilling screws (Fastener #4) provided.



Step 3 - Press the end of run transition bracket into the VH end trim. Using pliers, break off the bracket portion.

Step 4 - Snap the VH end trim over the plastic extrusion.

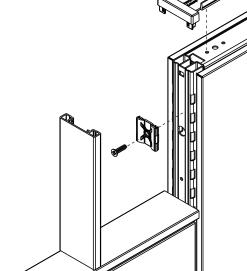
6d. VH Panel to Panel Connection Trim

- Step 1 Install top cap on the lower panel.
- Step 2 Use the curves in plastic end trim clip to line up with the curves in the vertical tube.

 Attach with screws provided (Fastener #2)



Step 3 - Snap the VH end trim over the plastic end trim clips.



- Step 4 Insert end of run transition bracket into the variable hight end trim
- Step 5 Attach top trim bracket to panel using screw provided (Fastener #1).
- Step 6 The top cap fits over the attachment connectors.

NOTE: Remove pins (Fastener #5) from stackers on end of run trim

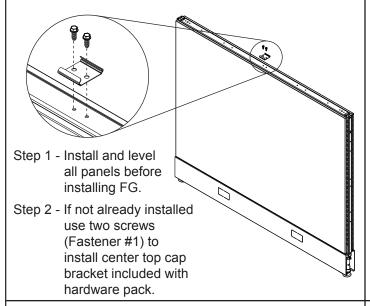
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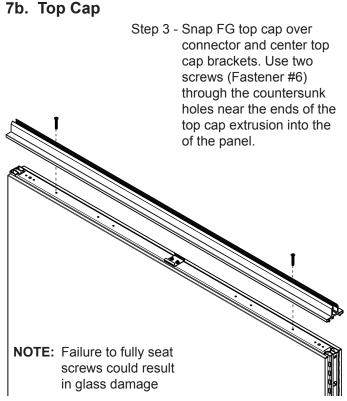
Illustration 7. Frameless Glass (FG) Installation

7a. Top Cap Clip

Frameless Glass Guidelines:

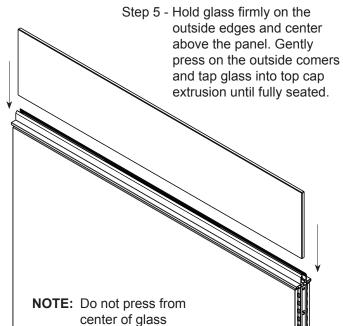
- FG attached to panels may not exceed 80" in height.
- FG may not be attached above glass panels.
- FG cannot be used in variable height configurations where glass would be next to a taller panel or connector. FG Must be used on the tallest panel.





7c. Glass

Step 4 - Prior to placing glass, spray rubber gaskets <u>within</u> extrusion with glass cleaner.



7d. End Caps

Step 6 - Check to make sure glass is fully seated. Press end caps back on to each end of the top cap extrusion.

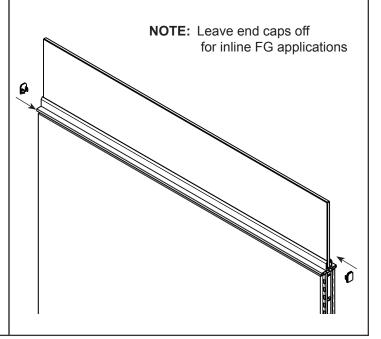
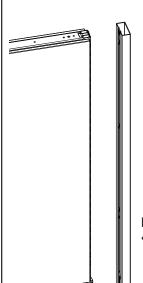


Illustration 8. Panel Wall Connector Installation

IMPORTANT: Customer provides appropriate attachment hardware - wood screws into studs (2-1/2" long minimum) or molly-type fasteners into drywall. Holes in wall connector are provided for #8 size screws.

Step 1 - Arrange panel into location required.

Locate cutout in bottom of wall connector to the glide tower.



Step 2 - Place wall connector extrusion onto the end of panel so the glide tower tab goes into the cutout.

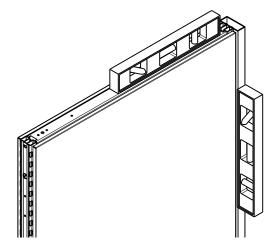
Secure by sliding the wall connector up.

Step 3 - Locate flush against the wall at the location of attachment.

Step 4 - Adjust leveling glides as needed to level panel.

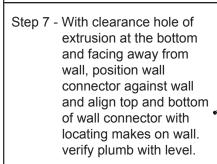
NOTE:

- If low point is at the wall, adjust leveling glides out enough to compensate for the rise in the floor.
- If high point is at the wall, adjust leveling glides in enough to compensate for the drop in the floor.



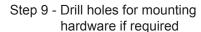
Step 5 - Ensure panel and wall connector are plumb against the wall and lightly mark wall at top and sides of the wall connector. (If marking wall is not acceptable use masking tape)

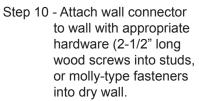
Step 6 - Remove wall connector from panel. Set panel aside.

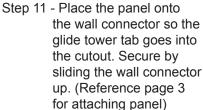


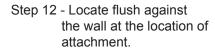


Step 8 - Mark wall connector hole location onto wall. Each hole requires mounting hardware. Set wall connector aside.



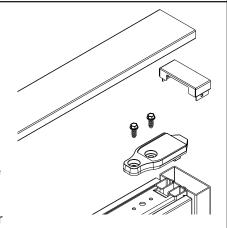






Step 13 - Adjust leveling glides as needed to level panel.

Step 14 - Fit bracket on the panel and wall connector. Slide bracket to align with the holes in the panel.



Step 15 - Attach the brackets to the panels using the screws (Fastener #1) provided.

Do not over torque.

Step 16 - Insert wall connector top cap into wall connector extrusion.

Step 17 - Panel top cap snaps over connectors when adjacent panel is secured into position

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Illustration 9. Stacking Panel Installation

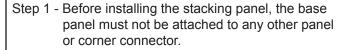
Warning: A severe impact or drop may cause immediate breakage or enough damage so that the glazed panel breaks later for no apparent reason.

Stacking Panel Guidelines:

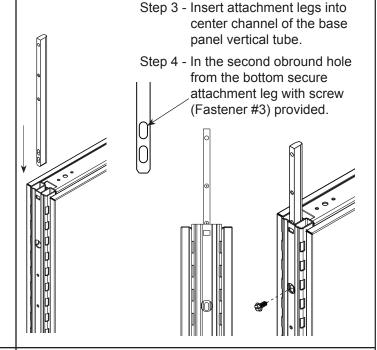
- · When using stacking panels, total height may not exceed 80".
- Structural stacking panels must have immediate adjacent panels or corner connectors of the same height at each end of run.
- · Stacking panel configurations that create a variable height will require the use of a variable height finish kit as listed in pricer.

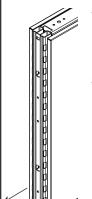
Use of variable height configuration is not allowed if the stacker is to be configured with hanging accessories.

- Variable height configurations greater than 30" not allowed.
- · Glass stackers may be stacked above fabric panel or fabric stacker but must always be on top. Do not add other stackers above glass stacker.
- Stacker pins (Fastener #5) are only needed at corner post connections.



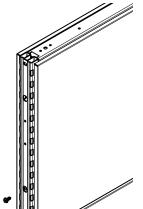
Step 2 - Remove any top cap center clips if needed.





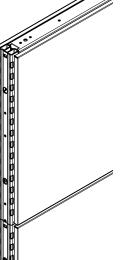
Step 5 - Remove all pre installed alignment pins (Fastener #5) from the vertical using a 3/16" hex driver or adjustable pliers, or drill chuck.

Step 6 - Place stacking panel over the attachment legs until fully seated on the panel.



Step 7 - Secure stacking panel on both sides using screws (Fastener #3) provided.

Step 8 - Install the top cap center clip and top cap on to stacking panel when trimming out panels.



Step 9 - When installing a connector post to a stacking panel the alignment pin must be used in the stacking panel vertical.

Step 10 - The alignment pins are inserted into the slots in each connector post at the same time as the glide tower tab is inserted into the connector post.

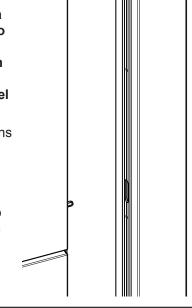


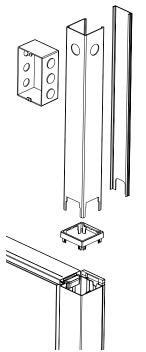
Illustration 10. Power Pole Installation

AWARNING

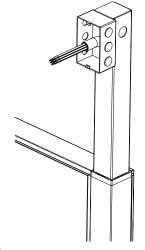
Improperly installed electrical components can fail resulting in personal injury and/or property damage. Connection to a power source should be performed by a licensed electrician. The previous connection and the quantity of receptacles used for a given circuit must both be in compliance with all national and local electrical codes. To prevent personal injury ensure all power sources are disconnected during installation.

10a. Power pole and J box

- Step 1 Replace top corner trim piece with open trim.
- Step 2 Remove power pole cover.
- Step 3 Insert power pole shell into open trim piece.
- Step 4 Install J box to power pole shell.



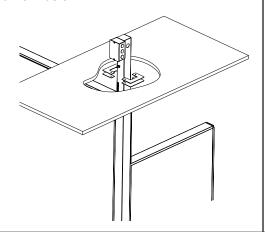
10b. Cable In-feed



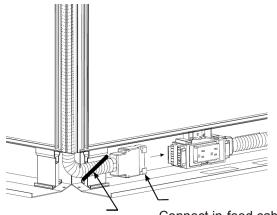
- Step 5 Route power harness through corner connector, power pole, and out of J box.
- Step 6 Snap power pole cover into shell.
- Step 7 Connect wiring within J box (by a licensed electrician).
- Step 8 Install J box cover

10c. Ceiling plate and top caps

Step 9 - Position ceiling tile trim plates above and below the drop ceiling tiles and secure with screws and nuts, inserted from below.



10d. Connect to power block



Use a wire tie to secure in-feed cable to panel support.

Connect in-feed cable to end of power block.

Illustration 11. 8-Wire Electrical Installation



Connection to a power source, by a licensed electrician, and quantity of receptacles used for a given circuit must be in compliance with all national and local electrical codes. Connect a maximum of 13 receptacles (12 in Canada, and fewer in certain U.S. locales) to one circuit. Consult applicable national and local electrical codes.

Disconnect electrical connections between panels prior to removal of a mechanical connection. Ensure that the power supply is disconnected prior to disconnecting any electrical components.

When electrical components are interconnected from one panel to another, the panels must be mechanically connected per the appropriate panel-to-panel installation instructions.

Failure to observe these warnings could result in a fire or electrical shock.

Illustration 11a. General Electrical Configuration and Component Identification:

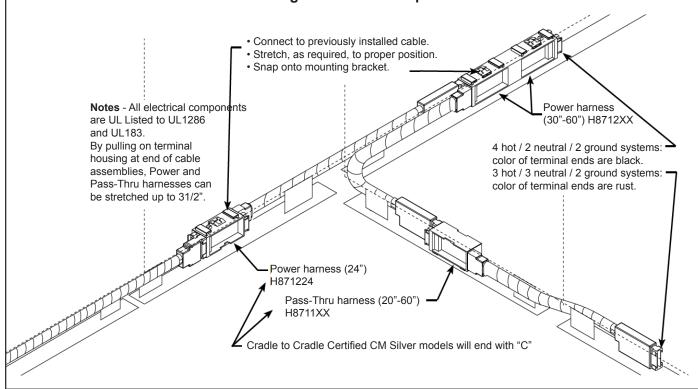
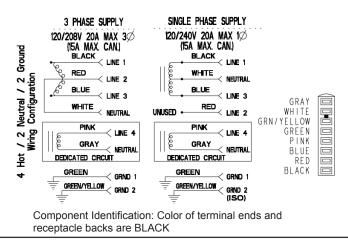


Illustration 11b. Electrical Wiring Diagrams:



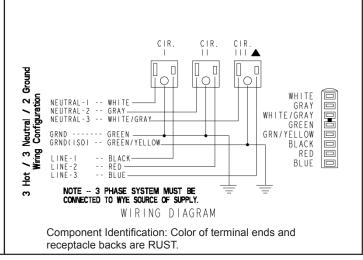


Illustration 11. 8-Wire Electrical Installation Continued

To facilitate ease of configuration of electrical components:

- At least one power harness should be used at a Tee connection, when all 3 panels are powered.
- At least two power harnesses should be used at a Cross connection, when all 4 panels are powered.
- A power harness should be used in a panel positioned at the end of a panel run (See Illustration. 26).
- A power harness should be used in a panel, adjacent to a power pole location, into which a ceiling in-feed is to be connected.
- Power harnesses should be used in the base rail area and the belt line area of a panel where a jumper cable connects between the base rail and the belt line the jumper cable must be routed vertically through an adjacent panel.

Illustration 11c. Powering Last Panel, at End of Panel Run:

If panel at the end of a run is powered, reverse orientation of harness in last panel.

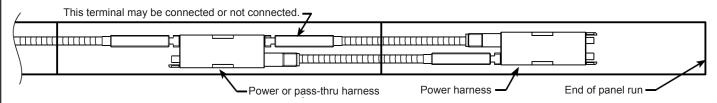


Illustration 11d. Power/Pass-Thru Harness:

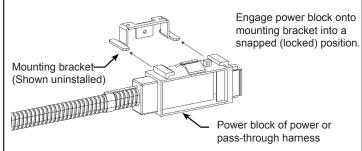


Illustration 11e. Power Block & Receptacle Removal:

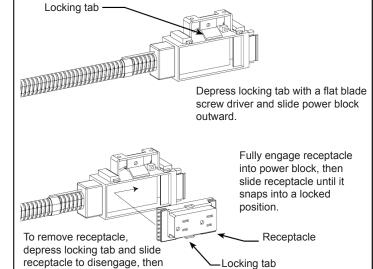
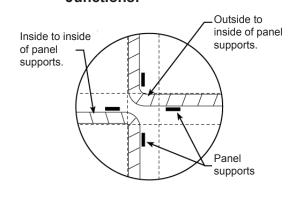
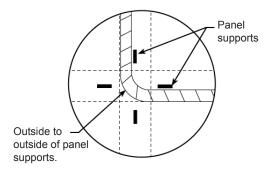


Illustration 11f. Routing, at Base rail Panel Junctions:





Pull cable to extend length to:

- · Reach to adjacent connection point, and
- Prevent interference with base rail covers at corners.

pull receptacle outward.

Illustration 11. 8-Wire Electrical Installation Continued



Improperly installed electrical components can fail resulting in personal injury and/or property damage. Connection of the in-feed device to the power source should be performed by a licensed electrician in compliance with all national and local electrical codes.

To prevent personal injury, ensure in-feed power is disconnected before component installation.

Base or Ceiling Side In-Feed Installation:

Illustration 11g. Remove In-Feed Cover:

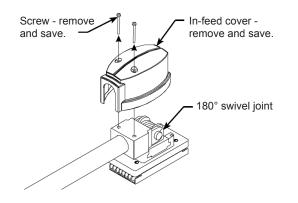


Illustration 11h. Disconnect Swivel Joint and Remove Swivel tabs:

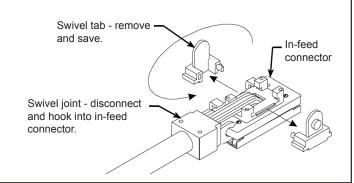


Illustration 11i. Pass In-Feed Connector Through Base rail cover:

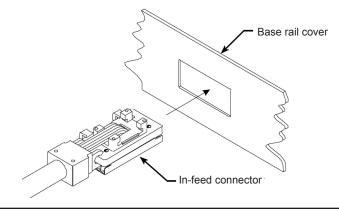


Illustration 11j. Reassemble Swivel Joint:

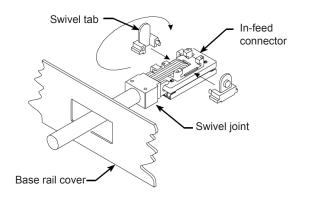
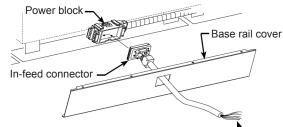


Illustration 11k. Connect In-feed Connector:

Note: In-feed cable can be shortened. Remove and reapply UL listing/schematic, near end of cable, as needed.



Route cable to power source (refer to Electrical Wiring \(^1\) Diagrams on page 1 for proper wiring connections).

Illustration 11I. Reattach In-Feed Cover:

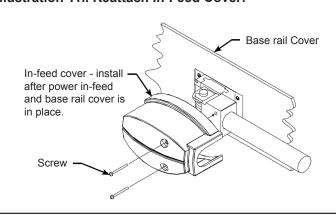


Illustration 12. Worksurface Supports Installation

Illustration 12a. Assemble Full End Support Panel:

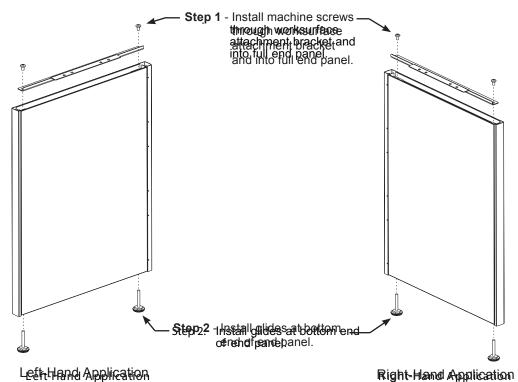
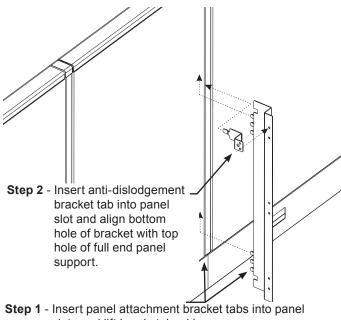


Illustration 12b. Attach Panel Attachment Bracket
Anti-Dislodgement Bracket to
Panel Frame



Step 1 - Insert panel attachment bracket tabs into panel slots and lift bracket, hooking tabs behind panel frame.

Illustration 12c. Attach Full End Panel Support and Worksurface

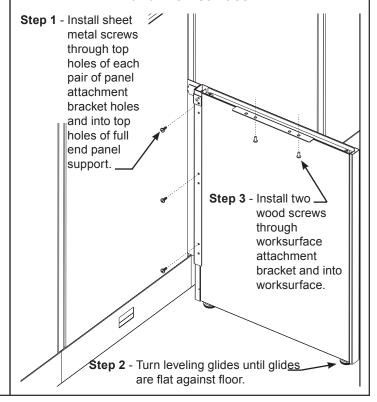


Illustration 12. Worksurface Supports Installation Continued

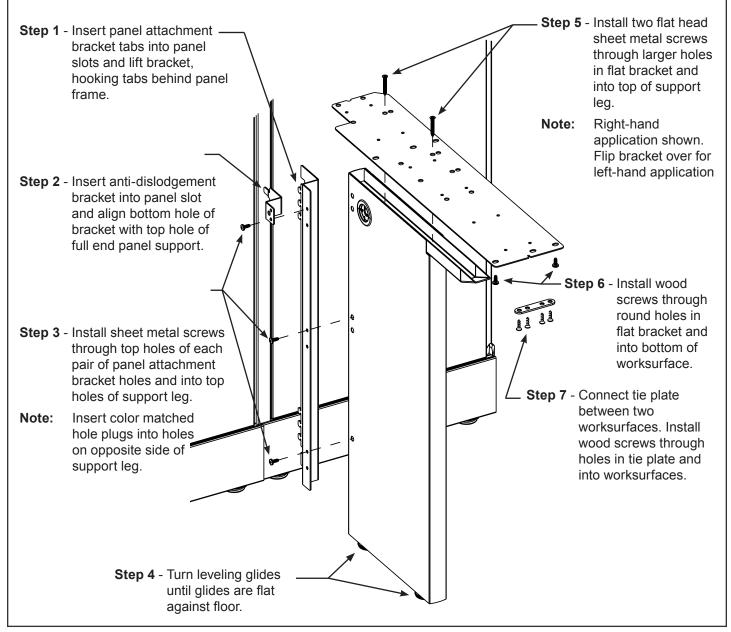
Illustration 12d. Support Leg

Assembly:

- 1. Assemble support leg, panel attachment bracket, and flat bracket in a configuration where the leg is under the largest worksurface.
- 2. Right-hand configuration is shown. Attach panel attachment bracket to opposite side of support leg for a left-hand configuration. Flip flat bracket over for left-hand applications.

IMPORTANT

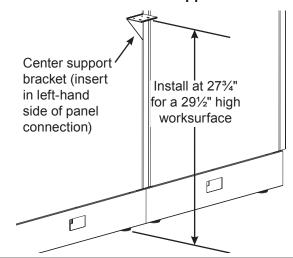
The primary uses of support legs are at 90° panel junctions and/or to support adjoining worksurfaces. When used to support a single worksurface, the worksurface grommet hole will be partially blocked. If full access of grommet hole is required, replace support leg with a cantilever support bracket.



Installation Packet

Illustration 12. Worksurface Supports Installation Continued

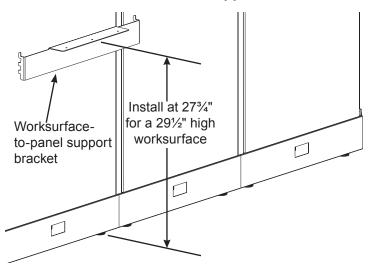
Illustration 12e. Center Support Bracket



Note: Use center support bracket with worksurfaces longer than 62½".

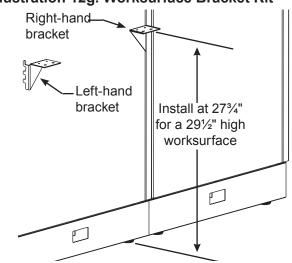
- Step 1 Install center support bracket onto panel.
- **Step 2** Position and attach worksurface with wood screws.

Illustration 12f. Worksurface to Panel Support Bracket



- **Step 1** Install worksurface-to-panel support bracket onto panel.
- Step 2 Position and attach worksurface with wood screws.

Illustration 12g. Worksurface Bracket Kit



- **Step 1** Install right-hand and left-hand brackets onto panel.
- **Step 2** Position and attach worksurface with wood screws.

Installation Packet

Illustration 12. Worksurface Supports Installation Continued

Install at 273/4" for a 291/2" high

workspace Step 1 - Tilt the front of the cantilever

Illustration 12h. Center Support Bracket

- bracket up and insert the top hook into desired slot of panel
- **Step 2** Rotate the cantilever bracket down so the remaining hooks engage the slots of the vertical.
- Step 3 Drive the cantilever bracket down with a rubber mallet to ensure bracket is firmly seated in the panel slots.
- Step 4 Install wood screws through the bracket and into worksurface.

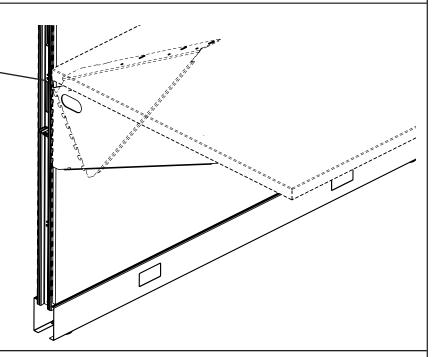
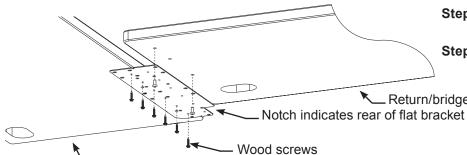


Illustration 12i. Flat Bracket



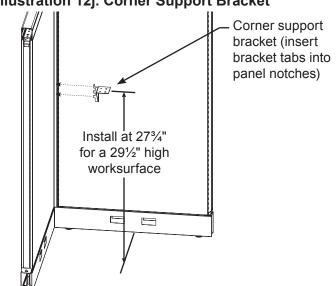
Step 1 - Attach flat bracket onto return worksurface.

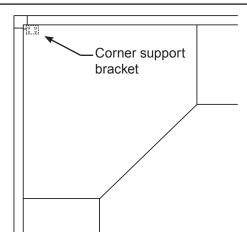
Step 2 - Position worksurface/bracket assembly and secure to primary worksurface with wood screws.

Return/bridge worksurface

Primary worksurface (supported at each end)

Illustration 12j. Corner Support Bracket





Note: To be used at rear of corner worksurfaces.

- Step 1 Install corner support bracket onto panel.
- Step 2 Position and attach worksurface with wood screws.

Installation Packet

Illustration 12. Worksurface Supports Installation Continued

Illustration 12k. Worksurface Support Column (use with peninsula and D-shaped worksurface)

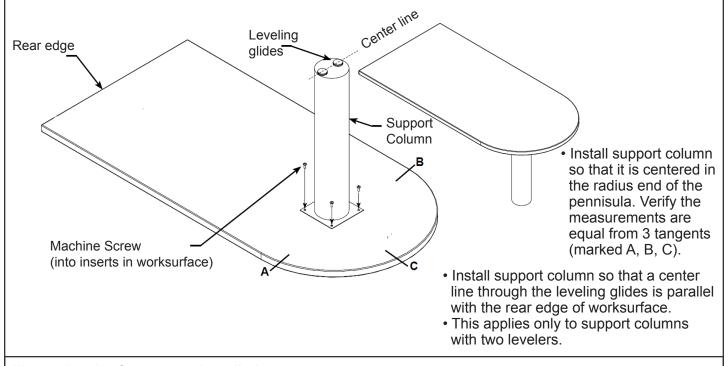


Illustration 13. Countertop Installation

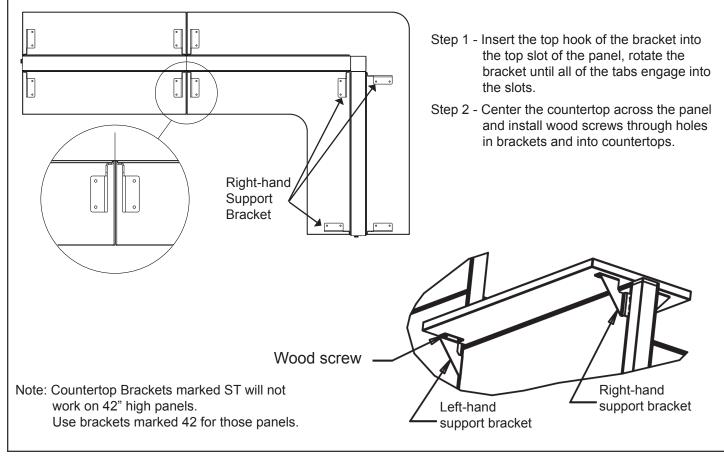


Illustration 14. Overhead Storage Installation

Overhead Storage Unit Guidelines

Units must be suspended on panels of a corresponding width, or suspended across two panels with a combined width equal to the storage unit width. More than two storage units can be suspended from a single panel only if return panels are positions at each end of the storage units.

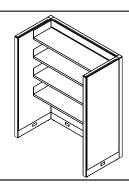
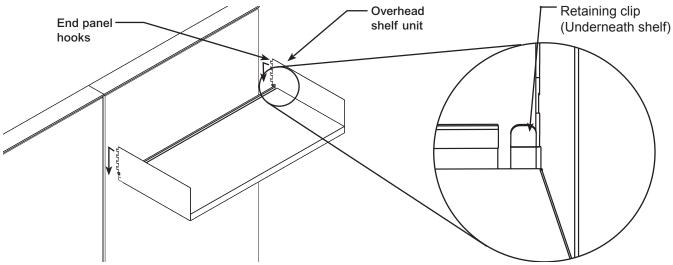


Illustration 14a. Overhead Shelf



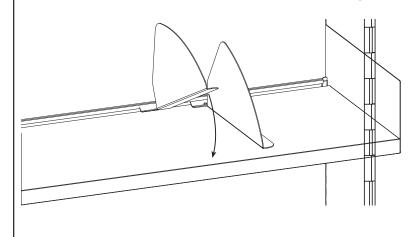
Installation:

- Step 1 Attach overhead shelf unit to panel by inserting end panel hooks into panel slots.
- Step 2 Tap down on each end panel to fully seat hooks.
- Step 3 Pivot retaining clips toward panel to lock over head shelf unit in place.

Removal:

- Step 1 Pull retaining clips away from panel.
- Step 2 Carefully lift overhead shelf unit upward to unseat end panel hooks from panel slots.
- Step 3 Remove overhead shelf unit from panel.

Illustration 14b. Shelf Divider (optional accessory)



- Step 1 Position shelf divider at an angle, as shown, and insert flange underneath lip of storage shelf back stop.
- Step 2 Rotate shelf divider down into position.
- Step 3 Move shelf divider to the desired position by lifting up on front of divider (approx. 15°) and sliding divider from side-to-side.

Illustration 15. Overhead Storage Cabinet Installation

Illustration 15a. Overhead Mounting Brackets

Step 1 - Attach brackets to panel by inserting hooks into panel slots and pressing down to fully seat Ensure brackets are positioned even across from each other

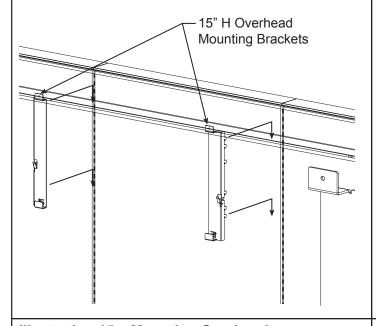


Illustration 15b. Overhead Cabinet Retaining Clip

Step 2 - Pivot retaining clips, one per bracket, towards panel to lock Overhead Mounting Brackets in place

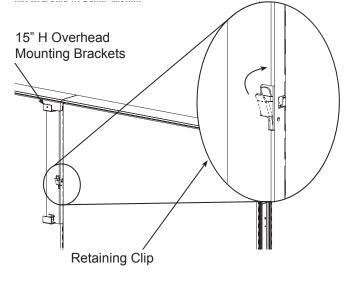


Illustration 15c. Mounting Overhead

Step 3 - Position Overhead cabinet onto 15" H Overhead Mounting Brackets.

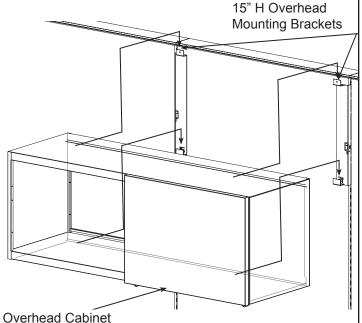
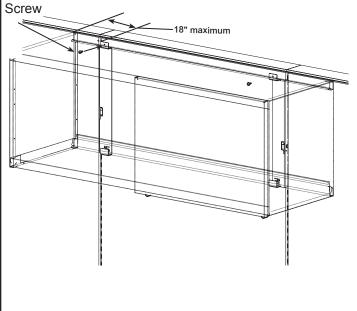
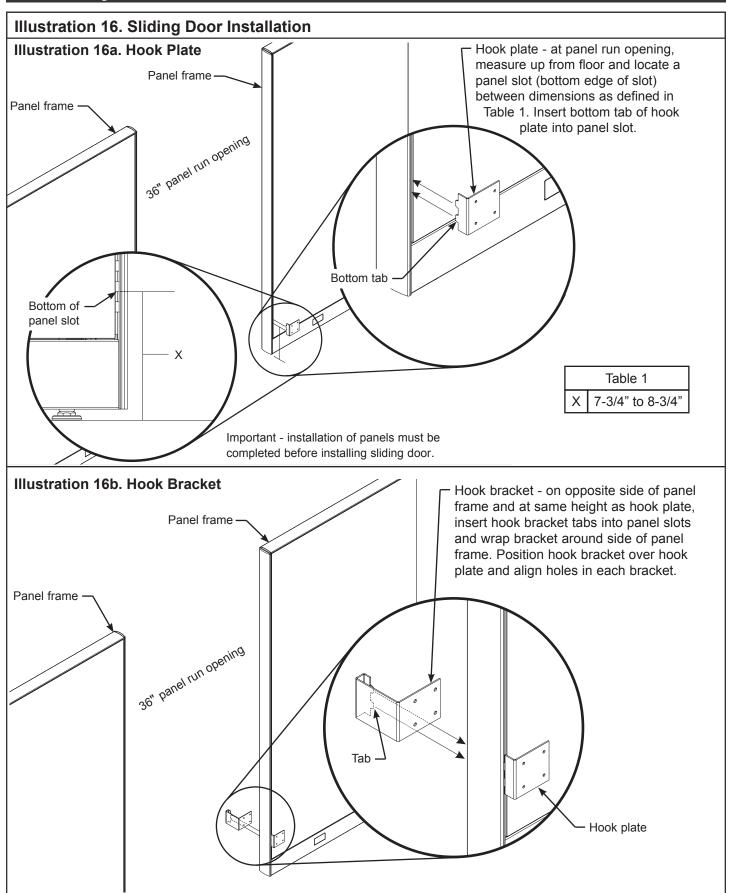


Illustration 15d. Secure Overhead

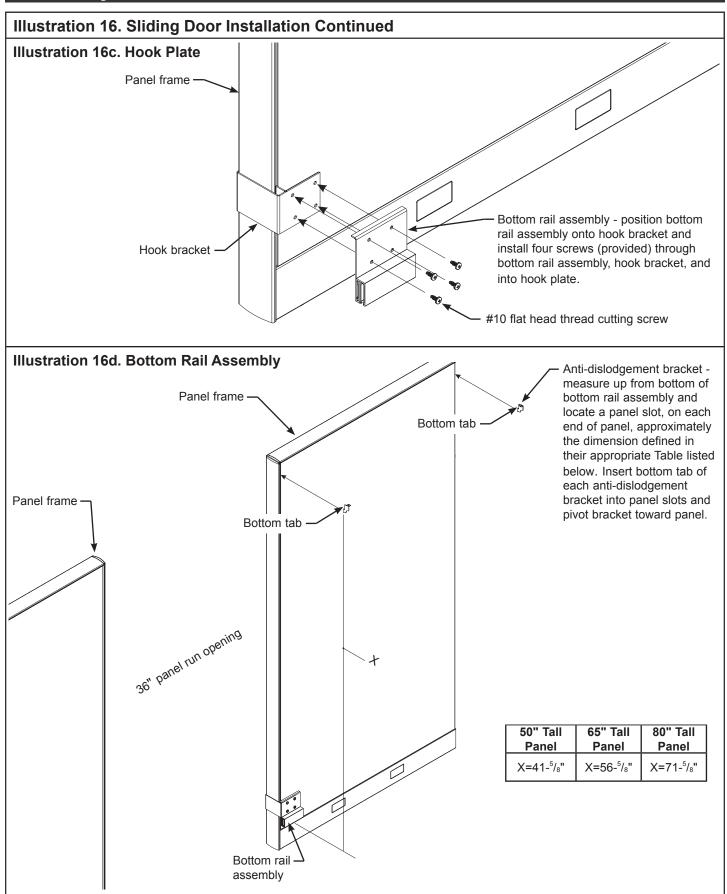
Step 4 - Secure Overhead cabinet onto 15" H Overhead Mounting Brackets.



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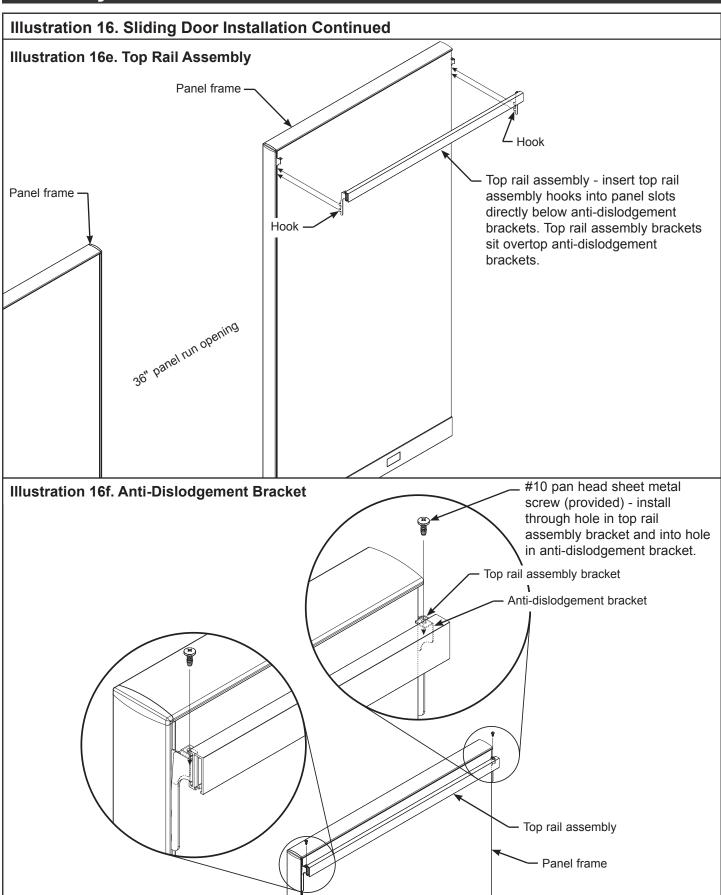


Illustration 16. Sliding Door Installation Continued Illustration 16g. Rear Door Stop and Sliding Door to Top Track Assembly Important - install rear door stop before Upper track attaching sliding door to upper door track. Upper track assembly blade Sliding door - insert door upper track blade into upper track assembly. Rubber stop - at rear of door, attach rubber stop to door lower track blade with screw provided. Lower track blade #10 flat head thread cutting screw Panel frame

Installation Packet

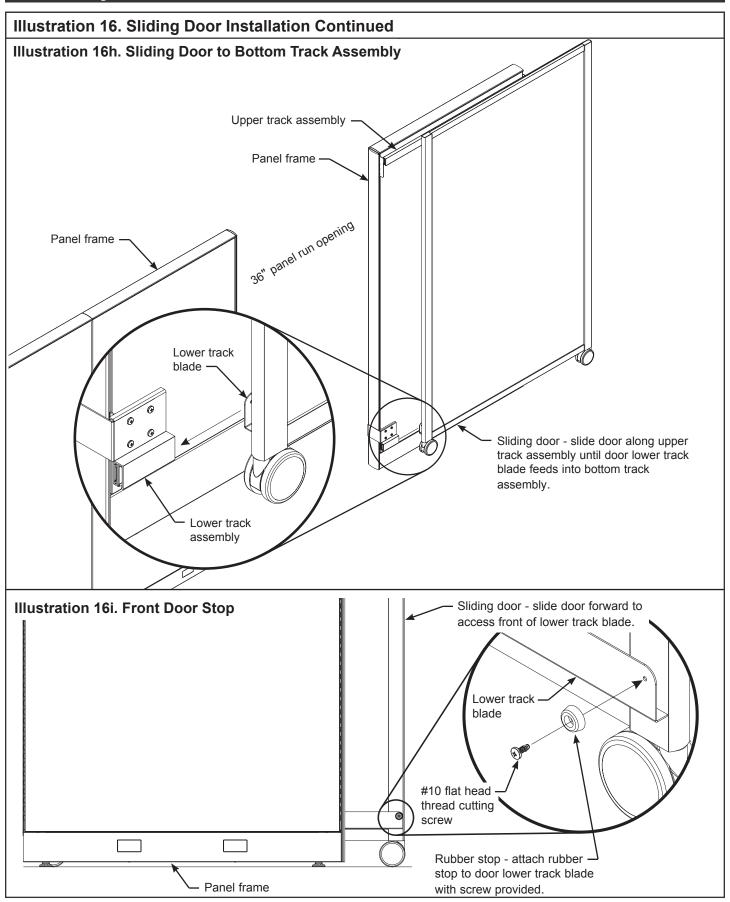


Illustration 16. Sliding Door Installation Continued

Panel frame -

Sliding door frame

Illustration 16j. Sliding Door Handle

Step 1 -

Clean the plastic surface with a cleaning solvent (Glass Cleaner).

Step 2 -

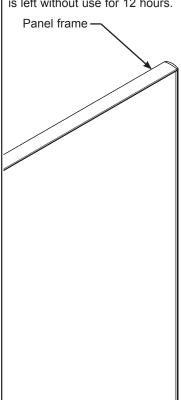
Wipe surface dry.

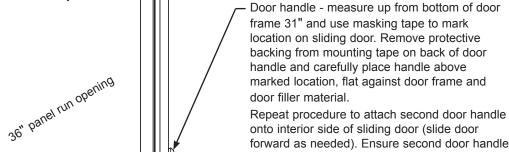
Step 3 -

Remove tape backer and apply the handle to the plastic insert surface.

Step 4 -

Apply pressure to the handle to insure proper adhesion. Bond will be held better if the assembly is left without use for 12 hours.





onto interior side of sliding door (slide door forward as needed). Ensure second door handle is positioned directly behind first door handle (any offset of door handles will show through door filler material).

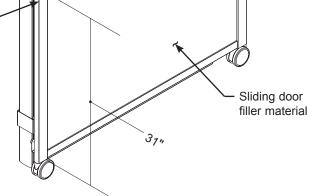
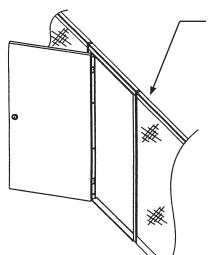


Illustration 17. Panel Door Installation

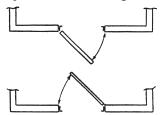
Illustration 17a. Connect Door Panel into 80"H Panel Run



Door panel - attach between either:

- Two 80" high panels with standard panel connector kits.
- A wall starter and an 80" high panel with standard panel connector kits.
- A 80" connector post and an 80" high panel.

Factory Assembled as Right-Hand



Field Converted to Left-Hand

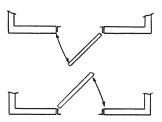
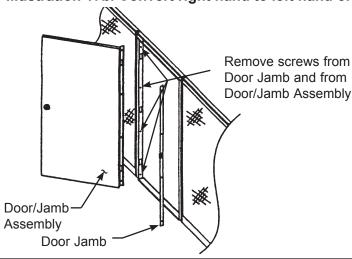


Illustration 17b. Convert right hand to left hand orientation



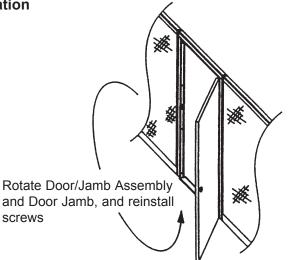
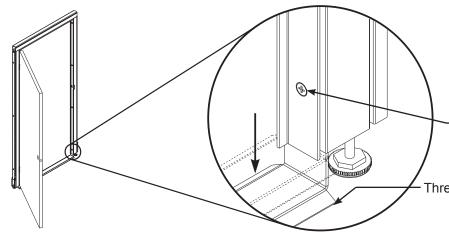


Illustration 17c. Lower Threshold



After door is installed and leveled, loosen (do not remove) bottom screw on each side of door frame. Push threshold down until threshold rests on floor. Re tighten screw.

Threshold