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Building UniGroup Too

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Building UniGroup Too



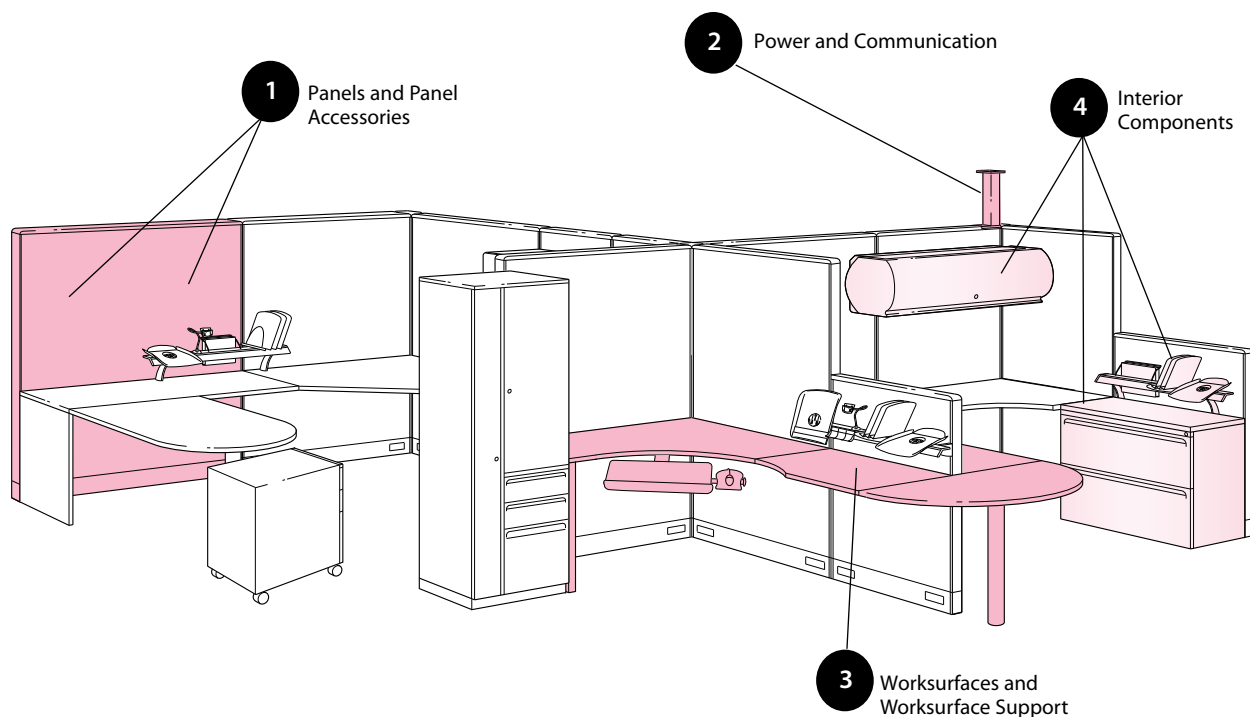
Building an Office in Four Easy Steps

When planning with UniGroup Too®, UniGroup® or PLACES®, start at the bottom and work your way up. First, use panels and panel accessories to divide space within the work environment and to establish varying levels of privacy. Then determine the power and communication components required to support user needs in each workstation. Finally, add functionality to each work space by specifying Adaptable Worksurfaces, tables, and interior components such as storage units, casegoods, and lighting.

While this step-by-step process provides a general blueprint for building an office, keep in mind that the system's flexibility and breadth of line allows multiple variations within each step.

When planning with UniGroup Too, UniGroup, or PLACES, you should consider:

- Overall environment to be created
- Future needs
- Privacy and acoustical requirements
- Work space differentiation
- Reconfiguration frequency
- Technology needs
- Budget



Tips

- The decisions you make in early steps will determine the options available to you in later steps. Therefore, it's helpful to familiarize yourself with the complete product line, so that you can form a "big-picture" idea of what you want to accomplish before you begin specifying.
- It's important for you to determine surface materials and colors to be used in the work environment. That's because surface material and trim options are embedded within catalog part numbers.

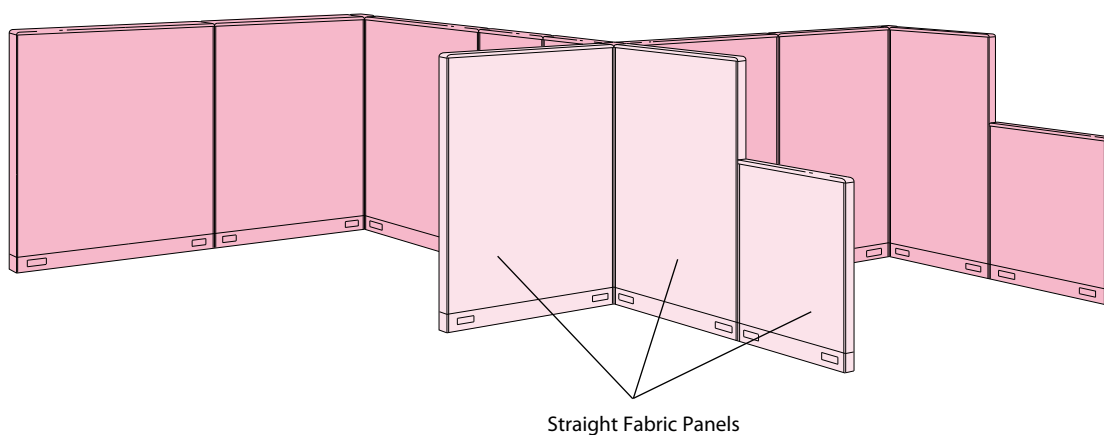
Step One: Panels and Panel Accessories

Determine how many and what types of panels you'll need to support the number and nature of each required workstation. UniGroup Too, UniGroup, and PLACES offer a wide range of panel surface and trim options, panel styles, accessories, and power and cable management accessibility.

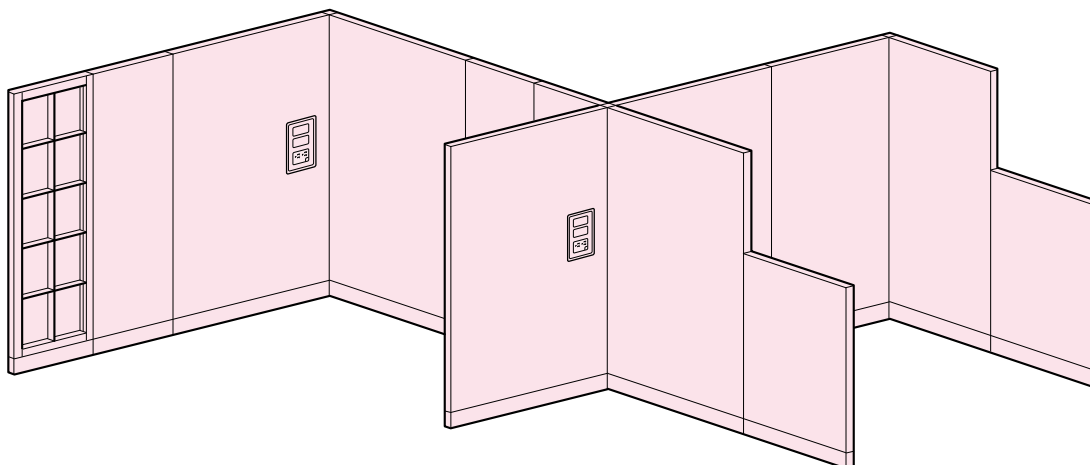
When planning panels and panel accessories, you should consider:

- Future needs
- Privacy requirements
- Acoustic requirements
- Reconfiguration frequency
- Power and cable routing and access locations
- Trim and surface options

UniGroup Too/UniGroup Application:



PLACES Application:

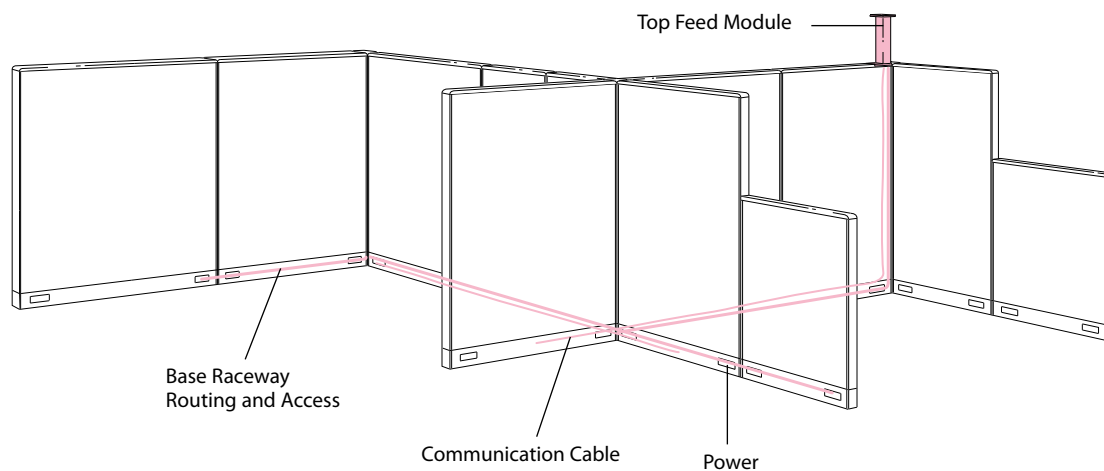


- Notes**
- Refer to Product Details for information about Panels and Panel Accessories.
 - 3-Circuit and 6-Circuit power and communication access for panels include base raceway and PLACES ported openings depending on the panel. Refer to Power and Cable Management for details.
 - For information on panel support and load guidelines, see Product Applications.
 - Refer to Technical Specifications for details on the manufacturing process and material composition of panels — and all other components.

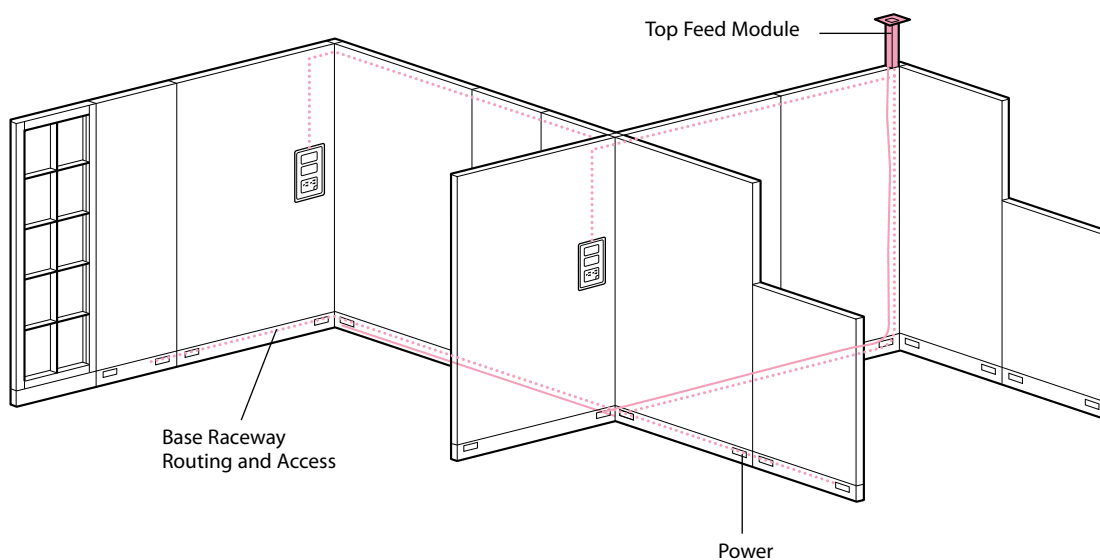
Step Two: Electrical and Cable Management

Once the work environment's panel configuration has been established, you can add the appropriate type and quantity of power and communication components to access the building's power source, route electrical power to workstations, and access and route communication cables.

UniGroup Too/UniGroup Application:



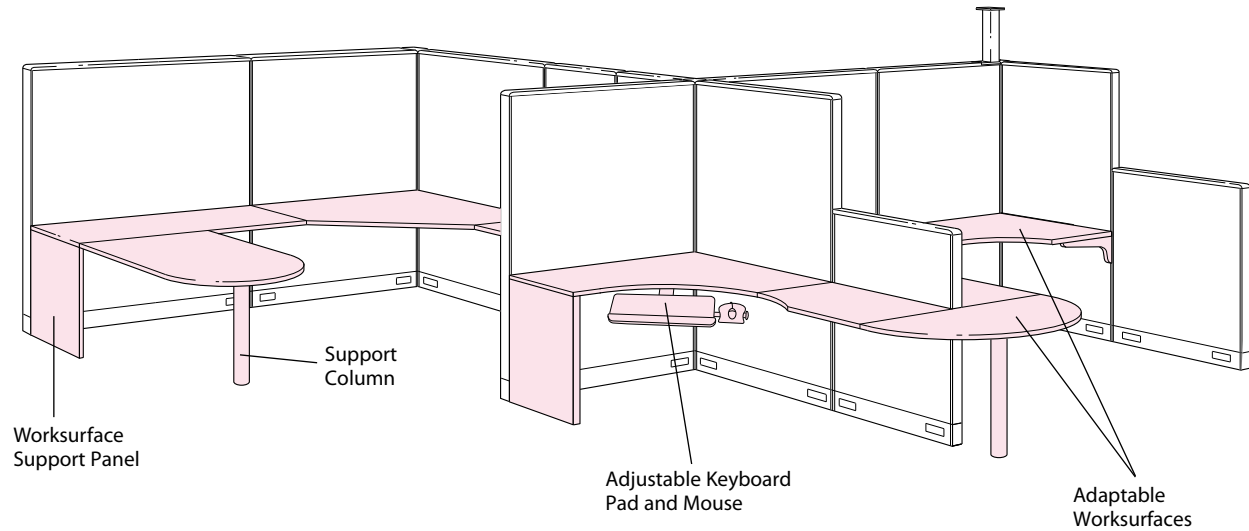
PLACES Application:



Note Refer to Power and Cable Management for details for additional information on power and communication planning, as well as power/cable routing and access options.

Step Three: Adaptable Worksurfaces and Worksurface Supports

Begin to define your UniGroup Too, UniGroup, and PLACES work environment by adding the proper components for users' writing, computing, and other task-oriented needs. These components include worksurfaces, worksurface supports, worksurface accessories, and tables.

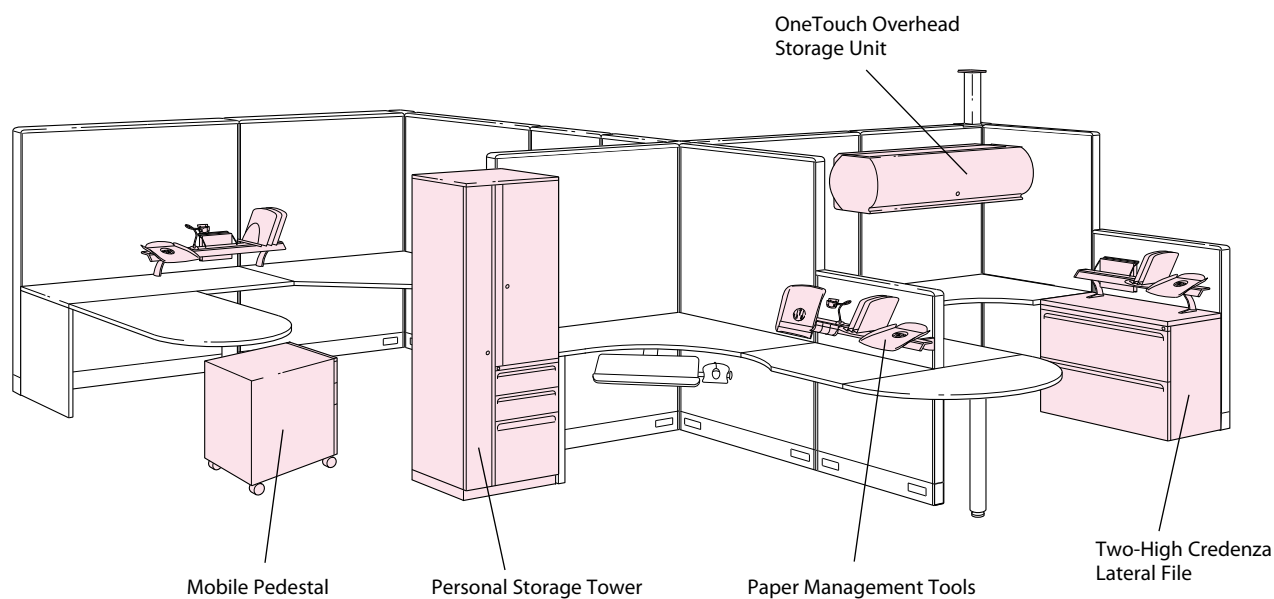


Tip Adaptable worksurfaces require separately specified support elements.

Note Refer to Product Applications for worksurface support options and guidelines.

Step Four: Interior Components

Complete the definition of your UniGroup Too, UniGroup, and PLACES work environment by specifying components that will enhance each workstation's functionality. These components include shelves, flipper doors, Overhead Storage Units, paper management accessories, pedestals, lateral files, bookcases, casegoods, and lighting.



- Notes**
- See Product Details for the interior components vocabulary. Refer to Product Applications for panel-hung storage component support and load guidelines.
 - See Haworth's Steel Casegoods, Files, and Storage Price Lists for additional interior component product options that can be specified to complement UniGroup Too, UniGroup, and PLACES.

Statement of Line



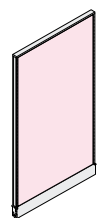
Panels and Accessories: UniGroup Too

Trim Options



Square Painted Top Cap

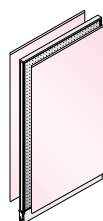
Surface Options



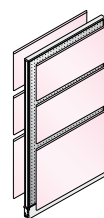
Fabric: Basic Monolithic



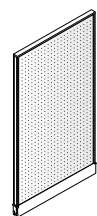
Laminate: Monolithic



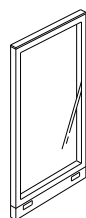
Fabric: Monolithic Panel with Full-Height Inserts



Fabric: Monolithic Panel with Segmented Inserts

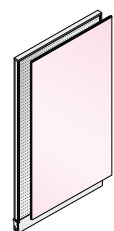


Monolithic Panel Core with Separately Specified Inserts

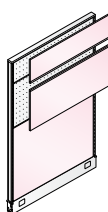
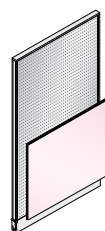
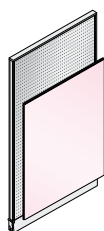


Glazed

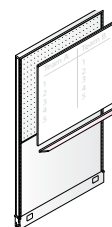
Inserts



Base Insert: Fabric

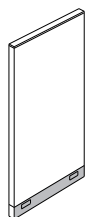


Upper Insert: Fabric

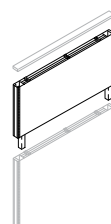


Upper Insert: Markerboard

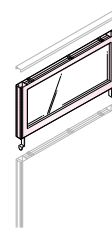
Power and Communication Accessibility



Base Raceway



Fabric

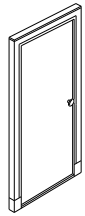


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Add-On Panels

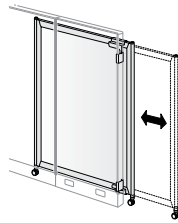
Panels and Accessories: UniGroup Too

Single Doors

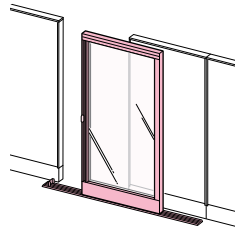


Laminate

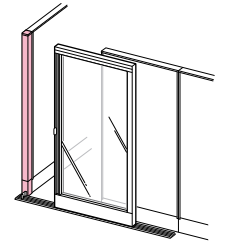
if Attached Screen



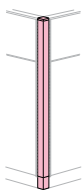
Sliding Door



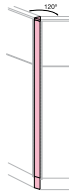
Filler Post



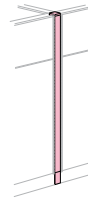
Full-Height Finish Posts



90° Application

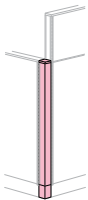


120° Application

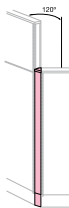


180° Application

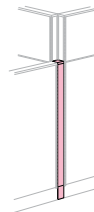
Variable-Height Finish Posts



90° Application

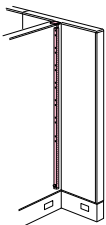


120° Application

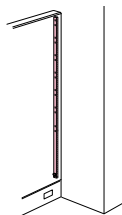


180° Application

T-Mount Kit

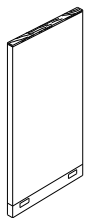


Wall-Mount Kit



Panels and Accessories: UniGroup

Trim Options

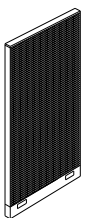


Radius Wood Top Cap



Radius Steel Top Cap

Surface Options



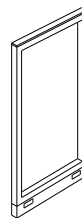
Fabric: Basic Monolithic
Fabric: Monolithic



Laminate: Monolithic

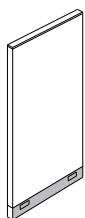


Glazed



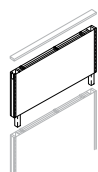
Open-Frame

Power and Communication Accessibility



Base Raceway

Add-On Panels



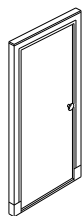
Fabric



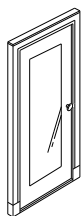
Glazed

Panels and Accessories: UniGroup

Single Doors

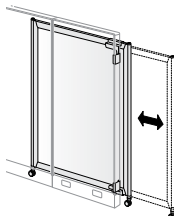


Laminate

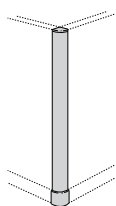


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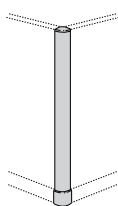
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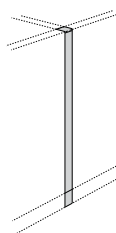
Finish Posts



90° Application



120° Application



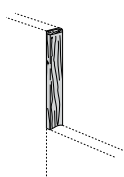
180° Application

End-of-Run Finish Post



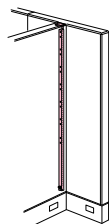
Radius Wood
Top Cap: Wood Surface

Variable-Height Finish Post

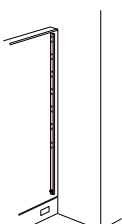


Radius Wood Top Cap:
Wood Surface

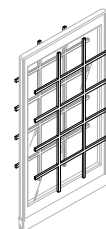
T-Mount Kit



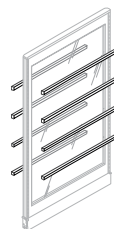
Wall-Mount Kit



Muntin Kits

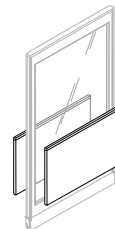


Classic Muntin

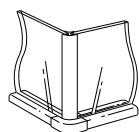


Horizontal Muntin

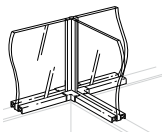
Wainscot



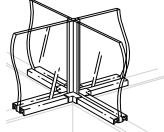
Clerestory Kits



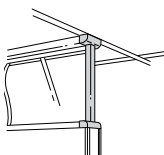
2-Way Application



3-Way Application



4-Way Application



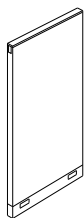
End Application

Panels and Accessories: PLACES

Trim Options

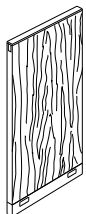


Low Profile Wood Top Cap

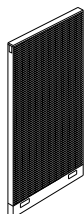


Low Profile Steel Top Cap

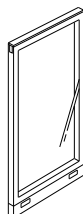
Surface Options



Wood



Fabric: Basic Monolithic
Fabric: Monolithic
Fabric: High-Performance
Acoustical

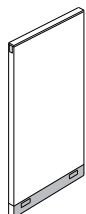


Glazed

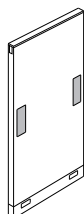


Open-Frame

Power and Communication Accessibility



Base Raceway



Ported:
Worksurface Height

Add-On Panels



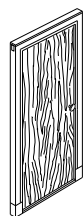
Fabric



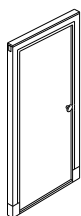
Glazed

Panels and Accessories: PLACES

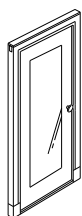
Single Doors



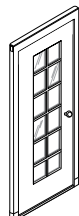
Wood



Laminate



Glazed

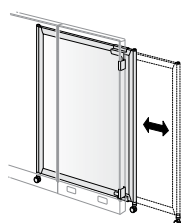


Glazed
with Classic Muntins

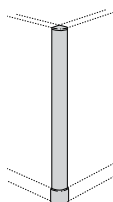


Glazed
with Horizontal Muntins

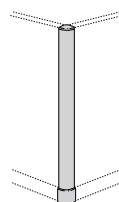
if Attached Screen



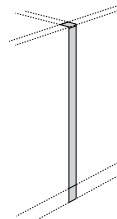
Finish Posts



90° Application



120° Application



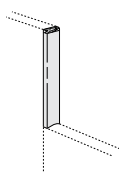
180° Application

End-of-Run Finish Post

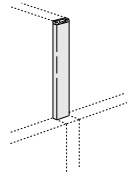


Fabric Surface
Wood Surface

Variable-Height Finish Posts

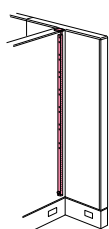


Low Profile Wood Top Cap,
Coped End:
Fabric Surface
Wood Surface

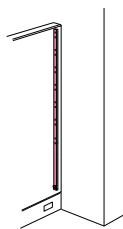


Low Profile Wood Top Cap,
Regular End:
Fabric Surface
Wood Surface

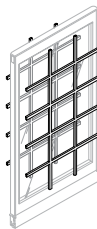
T-Mount Kit



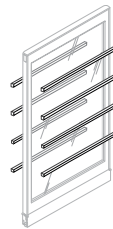
Wall-Mount Kit



Muntin Kits

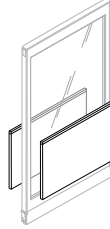


Classic Muntin

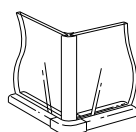


Horizontal Muntin

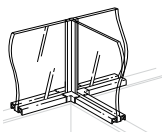
Wainscot Kit



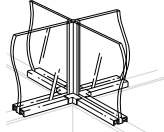
Clerestory Kits



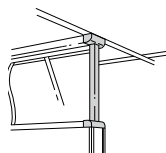
2-Way Application



3-Way Application



4-Way Application



End Application

Panel Overview: UniGroup Too, UniGroup, and PLACES

Panel Dimensions

Panel widths are measured from center line to center line of the universal hinge; all published width dimensions are actual.

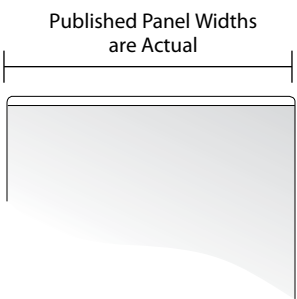
All published panel heights are nominal. Nominal and actual panel heights are as follows:

UniGroup Too Panel Heights

NOMINAL HEIGHT	ACTUAL HEIGHT
32" (813mm)	31.75" (756mm)
40" (1016mm)	39.75" (756mm)
48" (1219mm)	47.75" (756mm)
56" (1422mm)	55.75" (756mm)
64" (1626mm)	63.75" (756mm)
72" (1829mm)	71.75" (756mm)
80" (2032mm)	79.75" (756mm)

UniGroup/PLACES Panel Heights

NOMINAL HEIGHT	ACTUAL HEIGHT
30" (762mm)	29.75" (756mm)
37" (939mm)	36.75" (933mm)
44" (1117mm)	43.75" (1111mm)
50" (1270mm)	49.75" (1264mm)
56" (1422mm)	55.75" (1416mm)
64" (1626mm)	63.75" (1619mm)
68" (1727mm)	67.75" (1721mm)
82" (2083mm)	81.75" (2076mm)



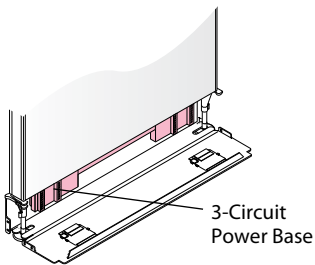
Note Glides provide 1.5" (38mm) of vertical panel height adjustment.

Power and Communication Options

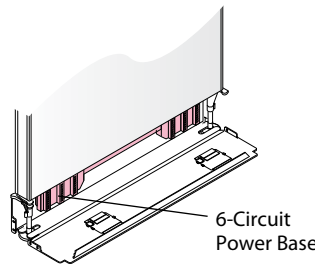
The Power Base electrical distribution system is offered with 3- or 6-Circuit capability, with special applications available for Chicago, New York, and international markets.

UniGroup Too and UniGroup panels offer communication cable routing in the base and vertical pathways. Horizontal cable routing at the top of a UniGroup panel can be added by specifying the expanded top cap raceway.

PLACES panels offer communication cable routing in base, top, and vertical pathways. Cable access is available in base or in ported panels openings.



- Tips**
- See Power and Cable Management, the 3-Circuit and 6-Circuit Power Base Planning Guides.
 - Refer to International Power Planning section for International Planning requirements.



Panel Styles/Surface/Dimension Availability

Refer to the Product Details Section for a listing of availability of panel styles, surfaces, and dimensions, for UniGroup Too, UniGroup and PLACES according to the trim option available in each product line.

Note Some building codes may restrict the use of panel heights greater than 69". Consult your local code authority to assure that the furniture layout is compliant prior to installation.

Panel Overview: UniGroup Too, UniGroup, and PLACES

Performance Ratings:

- All panel types and panel mounted components meet or exceed the test requirements in ANSI/BIFMA X5.6-Panel System Tests for Office Furnishings.
- All panel types and electrical components are UL-1286 Standard for Safety for Office Furnishings listed and CUL (UL mark for Canada) certified.
- Fabric panels and panels with fabric inserts have a Class A fire rating based on testing assembled panels to ASTM E84 Surface Burning Characteristics for Building Materials or equivalent standard (UL-723).

The rating for Noise Reduction Coefficient (NRC) criteria are based on tests performed to ASTM C423 and E795. The rating for Sound Transmission Class (STC) are based on tests performed to ASTM E90 and E413. Acoustical ratings are based on testing complete panel assemblies including raceway covers.

- Fabric monolithic panels have an acoustical rating of 0.65 NRC and 20 STC (UniGroup and Places).
- Fabric basic monolithic surface panels have an acoustical rating of 0.50 NRC and 20 STC (UniGroup Too, UniGroup and Places).
- Panels with a fabric insert have an acoustical rating of 0.50 NRC and 22 STC (UniGroup Too).
- High-performance acoustical panels have an acoustical rating of 0.80 NRC and 27-STC (Places).

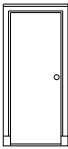
Panel Offering: UniGroup Too

Square Painted Top Cap Panels and Doors

Surface and Dimension Availability



PANEL



DOOR

	SURFACE TYPE									
	Fabric: Basic Monolithic	Laminate: Monolithic	Fabric: Monolithic with Full-Height Inserts	Fabric: Monolithic with Segmented Inserts	Monolithic Panel Core	Glazed		Laminate	Glazed	Wood
WIDTH										
12" (305mm)										
18" (457mm)										
24" (610mm)	●	●	●	●	●	●				
30" (762mm)	●	●	●	●	●	●				
36" (914mm)	●	●	●	●	●	●	●			
42" (1067mm)	●	●	●	●	●	●	●			
48" (1219mm)	●	●	●	●	●	●				
54" (1372mm)										
60" (1524mm)	●	●	●	●	●	●				
HEIGHT										
32" (813mm)	●	●	●		●					
40" (1016mm)	●	●	●	●	●					
48" (1219mm)	●	●	●	●	●					
56" (1422mm)	●	●	●	●	●					
64" (1626mm)	●	●	●	●	●	●				
72" (1829mm)	●	●	●	●	●	●				
80" (2032mm)	●	●	●	●	●	●	●			

Panel Offering: UniGroup

Radius Wood Top Cap Panels and Doors

Surface and Dimension Availability



PANEL



DOOR

	SURFACE TYPE							
	Fabric: Basic Monolithic	Fabric: Monolithic	Laminate: Monolithic	Glazed	Open Frame	Laminate	Glazed	Wood
WIDTH								
12" (305mm)		●		●				
18" (457mm)		●						
24" (610mm)		●		●				
30" (762mm)		●						
36" (914mm)		●		●				
42" (1067mm)		●		●				
48" (1219mm)		●		●				
54" (1372mm)		●						
60" (1524mm)		●		●				
HEIGHT								
30" (762mm)		●						
37" (940mm)		●						
44" (1118mm)		●						
50" (1270mm)		●						
56" (1422mm)								
64" (1626mm)		●		●				
68" (1727mm)		●		●				
82" (2083mm)		●		●				

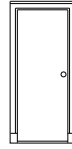
Panel Offering: UniGroup

Radius Steel Top Cap Panels and Doors

Surface and Dimension Availability



PANEL



DOOR

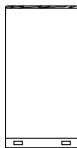
	SURFACE TYPE								
	Fabric: Basic Monolithic	Fabric: Monolithic	Laminate: Monolithic	Glazed	Open Frame		Laminate	Glazed	Wood
WIDTH									
12" (305mm)	●	●	●	●	●				
18" (457mm)	●	●	●	●	●	●			
24" (610mm)	●	●	●	●	●				
30" (762mm)	●	●	●	●	●				
36" (914mm)	●	●	●	●	●		●	●	
42" (1067mm)	●	●	●	●	●		●	●	
48" (1219mm)	●	●	●	●	●				
54" (1372mm)	●	●							
60" (1524mm)	●	●	●	●	●				
HEIGHT									
30" (762mm)	●	●							
37" (940mm)	●	●	●		●				
44" (1118mm)	●	●	●	●	●				
50" (1270mm)	●	●	●						
56" (1422mm)	●	●	●	●					
64" (1626mm)	●	●	●	●	●				
68" (1727mm)	●	●	●	●	●				
82" (2083mm)	●	●	●	●	●		●	●	

● See Price List for exceptions.

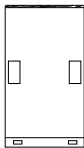
Panel Offering: PLACES

Low Profile Wood Top Cap Panels and Doors

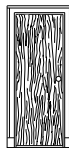
Surface and Dimension Availability



PANEL



PORTED



DOOR

SURFACE TYPE																														
Fabric: Basic Monolithic								Fabric: Monolithic								Wood/Fabric Monolithic														
Laminate: Monolithic								Glazed								Open Frame														
Wood																														
								Fabric: Basic Monolithic								Fabric: Monolithic														
								Wood/Fabric Monolithic								Laminate: Monolithic														
								Glazed								Open Frame														
								Wood																						
								Glazed								Laminate														
								Wood																						
WIDTH																														
12" (305mm)								●	●	●		●	●	●																
18" (457mm)								●	●	●		●	●	●																
24" (610mm)								●	●	●		●	●	●																
30" (762mm)								●	●	●		●	●	●																
36" (914mm)								●	●	●		●	●	●																
42" (1067mm)								●	●	●		●	●	●																
48" (1219mm)								●	●	●		●	●	●																
54" (1372mm)								●	●			●	●																	
60" (1524mm)								●	●			●	●																	
HEIGHT																														
30" (762mm)								●	●	●				●																
37" (940mm)								●	●	●				●																
44" (1118mm)								●	●	●		●	●	●																
50" (1270mm)								●	●	●		●	●	●																
56" (1422mm)								●	●	●				●																
64" (1626mm)								●	●	●		●	●	●																
68" (1727mm)								●	●	●		●	●	●																
82" (2083mm)								●	●	●		●	●	●									●							

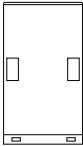
Panel Offering: PLACES

Low Profile Steel Top Cap Panels and Doors

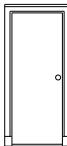
Surface and Dimension Availability



PANEL



PORTED



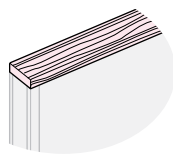
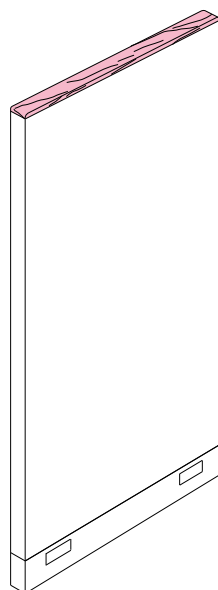
DOOR

	SURFACE TYPE	Fabric: Basic Monolithic	Fabric: Monolithic	Fabric: HP Monolithic	Wood/Fabric Monolithic	Laminate: Monolithic	Glazed	Open Frame	Wood		Fabric: Basic Monolithic	Fabric: Monolithic	Wood/Fabric Monolithic	Laminate: Monolithic	Glazed	Open Frame	Wood		Glazed	Laminate	Wood
WIDTH																					
12" (305mm)		●	●	●			●	●													
18" (457mm)		●	●	●			●	●													
24" (610mm)		●	●	●			●	●													
30" (762mm)		●	●	●			●	●													
36" (914mm)		●	●	●			●	●				●							●	●	
42" (1067mm)		●	●	●			●	●				●							●	●	
48" (1219mm)		●	●	●			●	●				●									
54" (1372mm)		●	●	●			●	●				●									
60" (1524mm)		●	●	●			●	●				●									
HEIGHT																					
30" (762mm)		●	●	●																	
37" (940mm)		●	●	●																	
44" (1118mm)		●	●	●			●	●													
50" (1270mm)		●	●	●			●	●				●									
56" (1422mm)		●	●																		
64" (1626mm)		●	●	●			●	●				●									
68" (1727mm)		●	●	●			●	●				●									
82" (2083mm)		●	●	●			●	●				●							●	●	

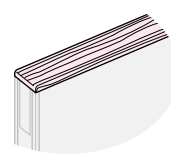
Panel Trim Options: UniGroup Too, UniGroup, and PLACES

Wood Top Cap Details

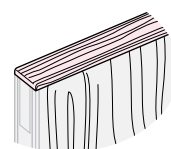
- Wood veneer Top Caps available for UniGroup and PLACES only.
- Painted trim finish color options for side trim rails, raceway covers, hinge sets, glide housings/leveling tabs, and the frames of glazed and open-frame panels.
- Surface finish options, refer to Systems Finish/Color Legend.



UniGroup:
Wood Top Cap



PLACES:
Wood Top Cap

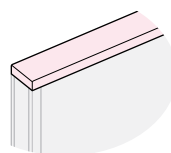
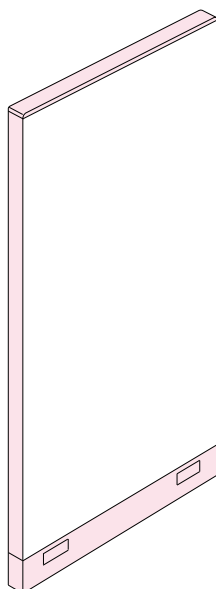


PLACES:
Wood Top Cap

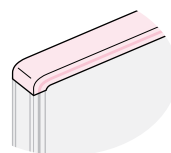
Note Wood trim panels require specification of Finish Posts, including End-of-Run conditions and Variable-Height conditions.

Painted/Steel Top Cap Details

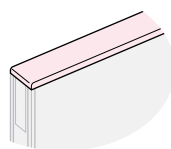
- Steel/aluminum Top Caps available for UniGroup Too, UniGroup, and PLACES. Each product line top cap has a different profile aesthetic.
- Painted trim finish color options for Top Caps, side trim rails, raceway covers, hinge sets, glide housings/leveling tabs, and the frames of glazed and open-frame panels.
- Surface finish options, refer to Systems Finish/Color Legend.



UniGroup Too:
Square Painted Top Cap

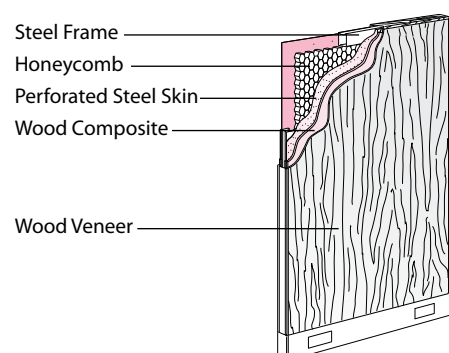


UniGroup:
Radius Steel Top Cap



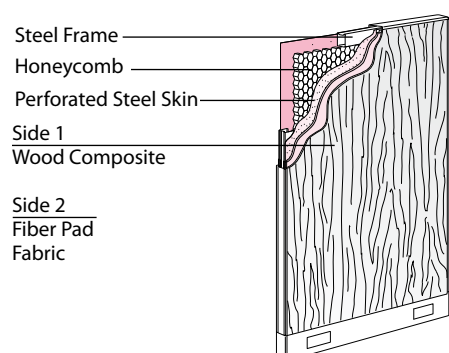
PLACES:
Low Profile Steel Top Cap

Panel Surface/Panel Construction Options: UniGroup Too, UniGroup, and PLACES



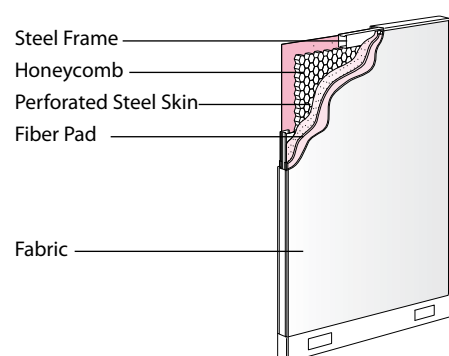
Wood Surface

- Available on: PLACES
- Rigid steel frame bonded to perforated steel skin
- Honeycomb core
- Wood veneer surface bonded to $\frac{3}{16}$ " (5mm)-thick wood composite
- 2" (51mm)-thick panel



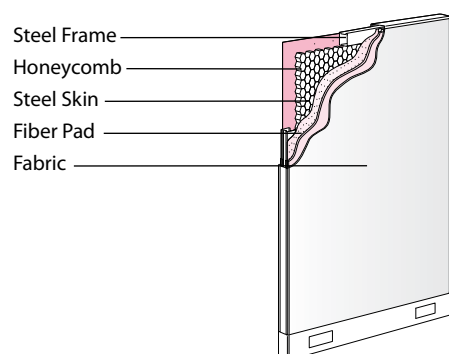
Wood/Fabric: Monolithic Surface

- Available on: PLACES
- Rigid steel frame bonded to perforated steel skin
- Honeycomb core
- Wood veneer bonded to $\frac{3}{16}$ " (5mm)-thick wood composite on one side of the panel
- Fabric surface over $\frac{1}{2}$ " (13mm)-thick fiber pad on the opposite side
- 2" (51mm)-thick panel



Fabric: Basic Monolithic Surface

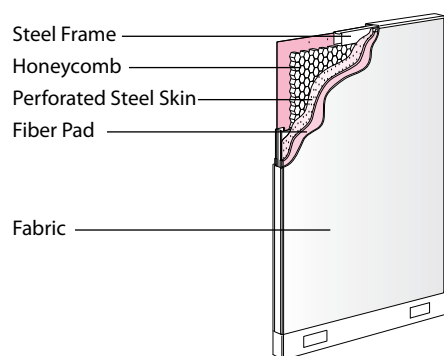
- Available on: UniGroup Too, UniGroup, and PLACES
- Rigid steel frame bonded to perforated steel skin
- Honeycomb core
- Fabric surface over $\frac{1}{4}$ " (6mm)-thick fiber pad
- Class A fire-rated fabric
- 2" (51mm)-thick panel



Fabric: Monolithic Surface

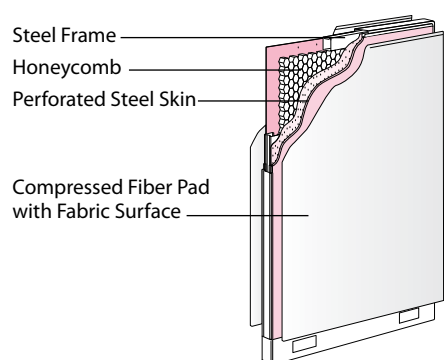
- Available on: UniGroup and PLACES
- Rigid steel frame bonded to perforated steel skin
- Honeycomb core
- Fabric surface over $\frac{1}{2}$ " (13mm)-thick fiber pad
- Class A fire-rated fabric
- 2" (51mm)-thick panel

Panel Surface/Panel Construction Options: UniGroup Too, UniGroup, and PLACES



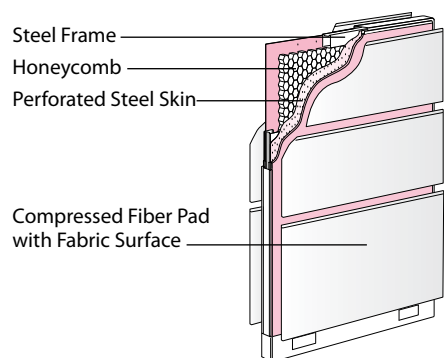
Fabric: High Performance Monolithic Panel

- Available on: PLACES
- Rigid steel frame bonded to perforated steel skin
- Honeycomb core
- Fabric surface over 7/8" (22mm)-thick fiber pad
- Class A fire-rated fabric
- 2" (51 mm)-thick panel



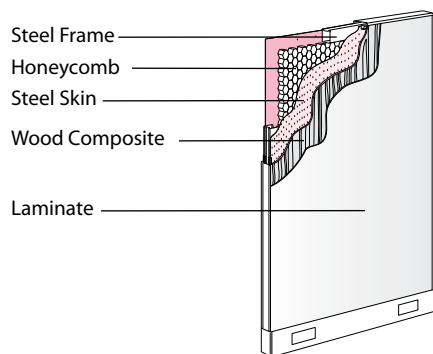
Monolithic Panel with Full-Height Inserts

- Available on: UniGroup Too
- Rigid steel frame bonded to perforated steel skin
- Honeycomb core
- Fabric surface bonded to compressed fiber pad
- Class A fire-rated fabric
- 2" (51 mm)-thick panel



Monolithic Panel with Segmented Inserts

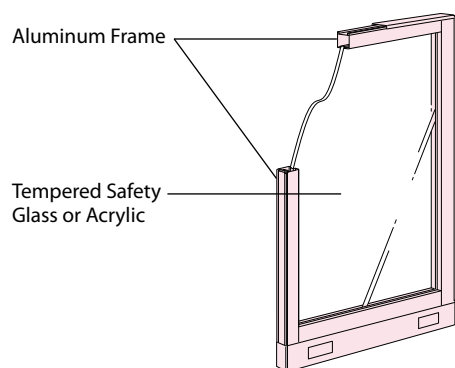
- Available on: UniGroup Too
- Rigid steel frame bonded to perforated steel skin
- Honeycomb core
- Fabric surface bonded to compressed fiber pad
- Class A fire-rated fabric
- 2" (51 mm)-thick panel



Laminate Panel

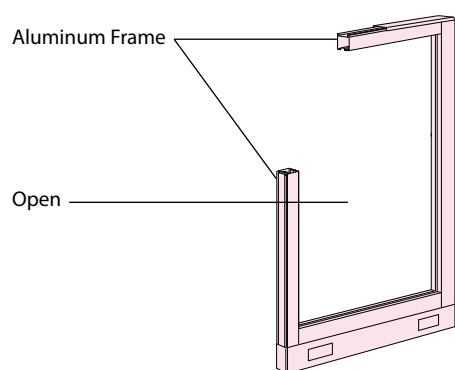
- Available on: UniGroup Too and UniGroup
- Rigid steel frame bonded to perforated steel skin
- Honeycomb core
- Laminate bonded to wood composite skin
- 2" (51 mm)-thick panel

Panel Surface/Panel Construction Options: UniGroup Too, UniGroup, and PLACES



Glazed Surface

- Available on: UniGroup Too, UniGroup, and PLACES
- Rigid aluminum frame
- Two (2) surface options:
 - ¼" (6mm)-thick pane of tempered safety glass with clear or bronze tint option
 - ¼" (6mm)-thick pane with frosted acrylic option
- 2" (51mm)-thick panel

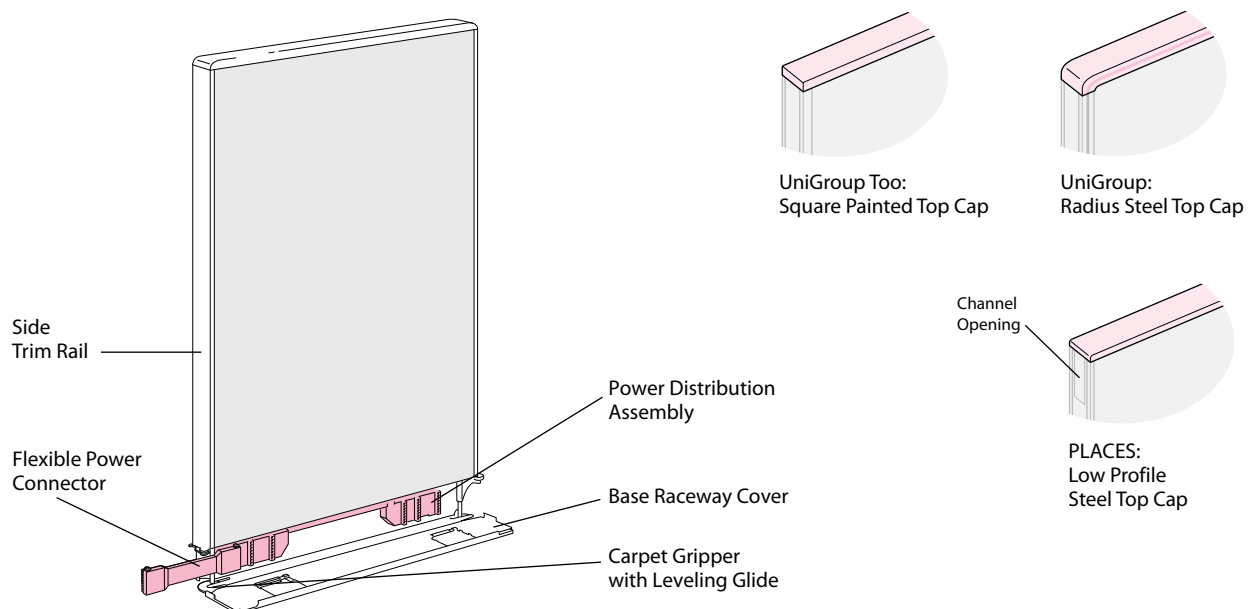


Open Frame

- Available on: UniGroup and PLACES
- Rigid aluminum frame
- 2" (51mm)-thick panel

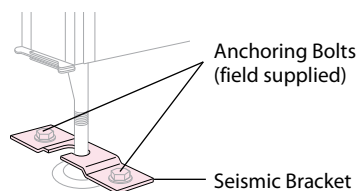
Panels: UniGroup Too, UniGroup, and PLACES

- All UniGroup Too, UniGroup, and PLACES panels feature vertical cable pathways
- All PLACES panels feature a 2" (51mm)-deep internal top cable pathway
- All panels are shipped with the following components:
 - Top cap with clips
 - Two side trim rails
- Two side trim rails with channel openings for cable pass-through (the channel opening to the cable pathway is 0.75" wide) for PLACES
- Polypropylene hinge connector; 1.6 hinge connector sets are shipped with every panel (rounded up to the nearest whole number)
- One Power Base 3- or 6-Circuit power distribution assembly (powered panels only)
- 0.95 flexible power connector (with 3-Circuit powered panels) or 1.85 flexible power connectors (with 6-Circuit powered panels); One flexible pass-through power connector is shipped with 12" (305mm)-wide powered panels
- One carpet gripper with two leveling glides providing 1.5" (38mm) of vertical height adjustment
- One base raceway cover with self-storing receptacle door covers for powered panels (without receptacle covers for non-powered panels)



Seismic Anchoring Bracket

- Used for seismic anchoring of panels
- Can be used in a variety of other applications
- Separately specified (HAB-0001)



Notes • See Power & Cable Management for additional details on panel cable capacities.

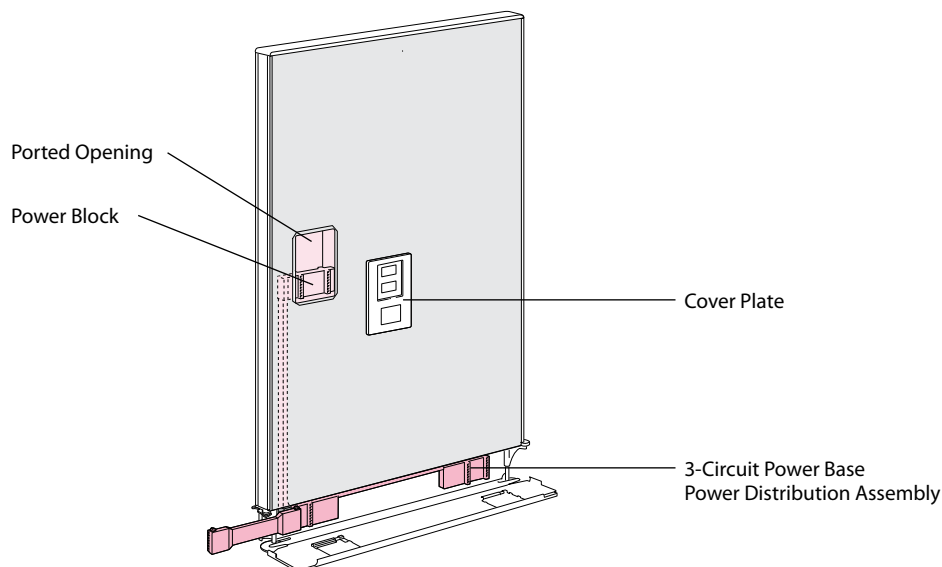
- Power infeeds and receptacles for powered panels must be specified separately.

Tip Order panels with no raceway cover when separately specifying Ported (Base) Raceway Covers.

Panels: PLACES Ported Panels

In addition to its base raceway power option, the PLACES panel offering includes a worksurface-height option. Ported panels provide an impressive and efficient solution for accessing power and communication at worksurface height.

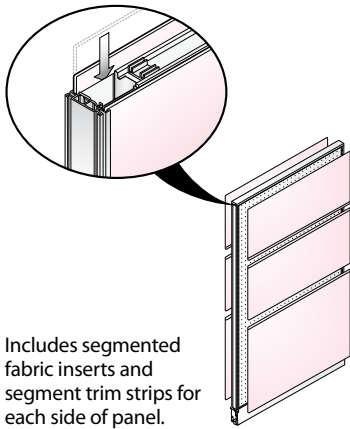
- Available with one to four ports
- Ported cover plates can accommodate one power receptacle and two types of communication cable connector modules
- Blank cover plates can be specified for unused ports; blank plates match the panel's trim color or fabric surface
- Power is routed from the Power Base 3-Circuit power distribution assembly in the base raceway upward to the ported opening(s) at worksurface height
- Communication cables are routed from the panel's top or bottom to the ported opening(s) through an opening in the vertical frame
- A metal barrier inside the ported opening separates electrical wires from communication cables



Notes • See Power & Cable Management for additional details on panel cable capacities.

- Ported panels are available with 3-Circuit power only.
- Ported panel cover plates must be specified separately.

Panels: UniGroup Too



Monolithic Panel with Segmented Inserts (E2S - _ _ _ _ _ FF)

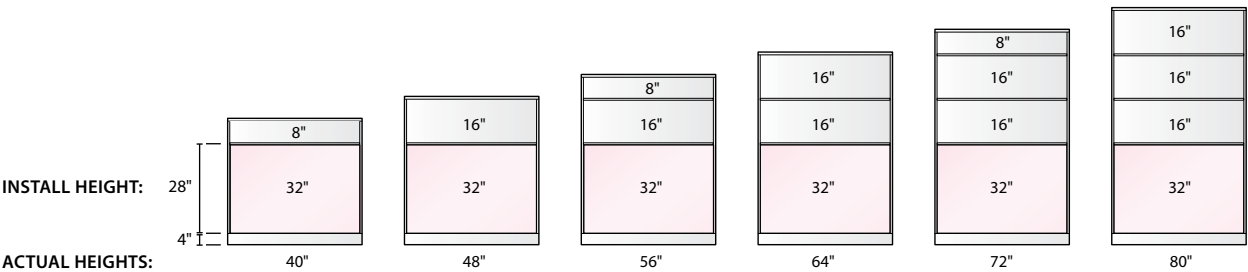
- Standard with Square Painted Top Cap
- Standard with Fabric surface
- Available with standard or metallic trim colors

This panel includes a 28" nominal base insert (27¼" actual); when installed is 32" High. Depending on the panel height additional upper inserts include 16" and/or 8" heights. Both sides of the panel have the same height inserts. Standard is one fabric selection per panel side. For multiple fabric options within a panel side specify a Monolithic Panel Core and separately specify individual panel inserts for each side.

Monolithic Panel with Segmented Inserts: Panel Heights Shown Below:

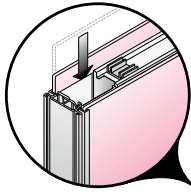
MONOLITHIC PANEL PRODUCT NUMBER LOGIC	MONOLITHIC PANEL ACTUAL HEIGHT	BASE INSERT INSTALLED HEIGHT	SEGMENTED INSERT CONFIGURATION (FROM BASE INSERT TO UPPER INSERTS)
E2SN - _ _ 38	40"(1016mm)	32"(813mm)	32"(813mm) + 8"(203mm)
E2SN - _ _ 46	48"(1219mm)	32"(813mm)	32"(813mm) + 16"(406mm)
E2SN - _ _ 54	56"(1422mm)	32"(813mm)	32"(813mm) + 16"(406mm) + 8"(203mm)
E2SN - _ _ 62	64"(1626mm)	32"(813mm)	32"(813mm) + 16"(406mm) + 16"(406mm)
E2SN - _ _ 70	72"(1829mm)	32"(813mm)	32"(813mm) + 16"(406mm) + 16"(406mm) + 8"(203mm)
E2SN - _ _ 78	80"(2032mm)	32"(813mm)	32"(813mm) + 16"(406mm) + 16"(406mm) + 16"(406mm)

For Monolithic Panels with Segmented Inserts, the 28" Base Panel insert is combined with a 4" base — giving an install height of 32"; upper panel inserts and total heights can vary depending on the installation as illustrated below.

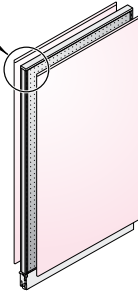


Tip Installation sequence of upper inserts may vary. Maximum of one base insert may be installed per panel side. Maximum of four upper inserts per panel side.

Panels: UniGroup Too



Includes Two
Full-Height
Fabric Inserts



Monolithic Panel
with Full-Height
Inserts
(E2L _ - _ - _ - _ FF)



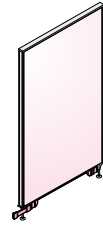
Non-Powered
with Raceway
Cover



Non-Powered
without Raceway
Cover



Powered 3- or
6-Circuit with
Raceway Cover



Powered 3- or
6-Circuit without
Raceway Cover

Tips

- Refer to Price List for available heights and widths.
- Each panel side may be specified in a different fabric if desired.

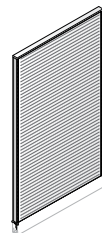


Monolithic Panel Core
(E2B _ - _ - _ - _)

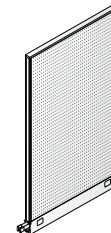
Panel Inserts Must Be
Separately Specified



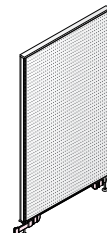
Non-Powered
with Raceway
Cover



Non-Powered
without
Raceway Cover



Powered 3- or
6-Circuit with
Raceway Cover



Powered 3- or
6-Circuit without
Raceway Cover

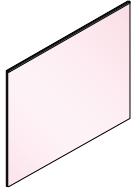
Monolithic Panel Core without Inserts (E2B _ - _ - _ - _)

- Standard with Square Painted Top Cap
- Available with standard or metallic trim colors
- Does not include fabric surface; specify insert separately

Tips

- Refer to Price List for available heights and widths.
- Must separately specify panel inserts for each side of panel.

Panels: UniGroup Too

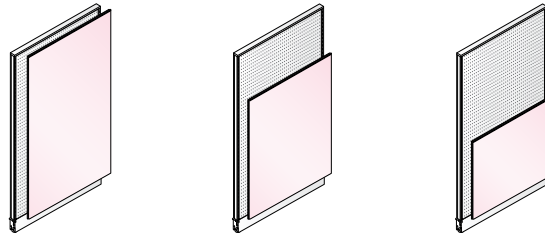


Single Base Insert
(E2JF - ____)

Includes one base insert.

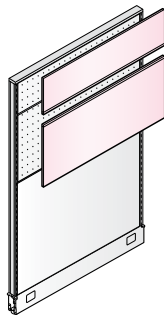
Single Base Insert (E2JF - ____)

- Standard with fabric surface
- Must be used with separately specified Monolithic Panel Core without Inserts
- Base inserts must be specified for each side of panel
- Only one base insert per panel side is allowed



Base inserts are typically located directly above the base raceway. Choose a single base insert the same height as the Monolithic Panel Core for a monolithic aesthetic. Or choose a lower height base insert than the panel core and specify upper inserts for that remaining panel side for a segmented aesthetic.

Note Base inserts installed heights range from 16" to 80" High.



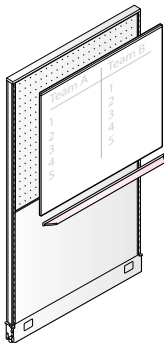
Fabric Inserts include one upper insert and horizontal segment trim strip.

Single Upper Inserts (E2T _ - ____)

- Standard with fabric surface or markerboard
- Must be used with separately specified Monolithic Panel Core
- Must be used with separately specified Base Inserts for each panel side

Upper Inserts are always located above a Base Insert. Upper Inserts may be stacked above one another. A maximum of four upper inserts are allowed per panel side. Each Upper Insert includes a horizontal segment trim strip.

* The markerboard insert may be specified with a markerboard tray or a horizontal segment trim strip as a functional option.



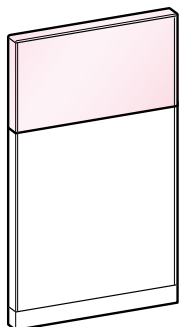
Markerboard Insert*



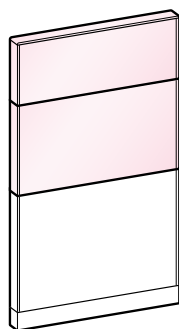
For the markerboard insert a marker tray may be specified instead of the standard horizontal segment trim strip. Recommended to protect lower insert.

- Notes**
- Fabric inserts are available 8" or 16" High.
 - Markerboard inserts are available 16" or 32" High.

Panel Accessories: UniGroup Too, UniGroup, and PLACES



One-High Add-On



Two-High Add-On

Add-On Panels: UniGroup Too, UniGroup, and PLACES

- May be stacked a maximum of two (2) high above a Base Panel
- May be installed in any order of height provided that the overall combination of Base Panel and Add-On Panel(s) does not exceed 80" (2032mm) for UniGroup Too and 82" (2083mm) in height for UniGroup and PLACES
- Must match Base Panel width
- Base and Add-On Panel combinations should match existing Base Panel heights so that Finish Post and End-of-Run Finish Post (UniGroup and PLACES only) can be used without field modification
- Add-On Panels used above 37" (940mm)-high Base Panels (UniGroup and PLACES only) will not equal a standard panel height
- Full-Height Side Trim Rails required for End-of-Run conditions with a Base Panel and one Add-On Panel. Full-Height Side Trim Rail separately specified.
- For two-high Add-On Panel application Full-Height Side Trim Rail must be specified separately for Base Panel and one add-on. For two-high Add-On Panel location, use side trim rail that ships with add-on.
- All Add-On Panels cannot be used above doors, or legacy videne panels
- Fabric Add-On Panels cannot be used above Fabric, Open-Frame, or Glazed Add-On Panels
- Top rail of top Add-On Panel provides top wire management (UniGroup and PLACES only)
- Top feed modules may only be used with fabric Add-On Panels
- Can be used with Wall Mount Kits, but the base/Add-On Panel combination height must match existing Base Panel heights
- Clerestory can be used above Add-On Panels
- 8" clearance minimum is needed above the total panel height combination to install Add-On Panels
- Fabric and Glazed Add-On Panels manufactured prior to 10/01/02 cannot be used with Fabric, Glazed, or Open-Frame Add-On Panels manufactured on or after 10/01/02

UniGroup Too Panel Height Combinations to Match Base Monolithic Panel Heights

ACTUAL HEIGHT COMBINATIONS WITH ONE ADD-ON PANEL ON BASE PANEL FOR UNIGROUP TOO

BASE PANEL	ADD-ON PANEL	FINISHED HEIGHT
32" (813mm)	16" (406mm)	48" (1118mm)
40" (1016mm)	16" (406mm)	56" (1442mm)
48" (1219mm)	16" (406mm)	64" (1626mm)
56" (1442mm)	16" (406mm)	72" (1829mm)
64" (1626mm)	16" (406mm)	80" (2032mm)

ACTUAL HEIGHT COMBINATIONS WITH TWO ADD-ON PANELS ON BASE PANEL FOR UNIGROUP TOO

BASE PANEL	ADD-ON PANEL	ADD-ON PANEL	FINISHED HEIGHT
32" (813mm)	16" (406mm)	16" (406mm)	64" (1626mm)
40" (1016mm)	16" (406mm)	16" (406mm)	72" (1829mm)
48" (1219mm)	16" (406mm)	16" (406mm)	80" (2032mm)

UniGroup and PLACES Panel Height Combinations to Match Base Monolithic Panel Heights

ACTUAL HEIGHT COMBINATIONS WITH ONE ADD-ON PANEL ON BASE PANEL FOR UNIGROUP AND PLACES

BASE PANEL	ADD-ON PANEL	FINISHED HEIGHT
30" (762mm)	14" (356mm)	44" (1118mm)
30" (762mm)	20" (508mm)	50" (1270mm)
44" (1118mm)	12" (305mm)	56" (1442mm)
44" (1118mm)	20" (508mm)	64" (1626mm)
44" (1118mm)	24" (610mm)	68" (1727mm)
50" (1270mm)	14" (356mm)	64" (1626mm)
50" (1270mm)	18" (457mm)	68" (1727mm)
56" (1442mm)	12" (305mm)	68" (1727mm)
64" (1626mm)	18" (457mm)	82" (2083mm)
68" (1727mm)	14" (356mm)	82" (2083mm)

ACTUAL HEIGHT COMBINATIONS WITH TWO ADD-ON PANELS ON BASE PANEL FOR UNIGROUP AND PLACES

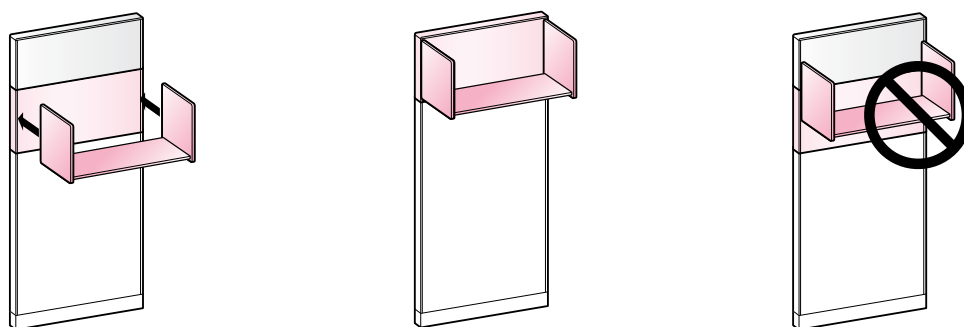
BASE PANEL	ADD-ON PANEL	ADD-ON PANEL	FINISHED HEIGHT
30" (762mm)	14" (356mm)	12" (305mm)	56" (1442mm)
30" (762mm)	20" (508mm)	14" (356mm)	64" (1626mm)
30" (762mm)	24" (610mm)	14" (356mm)	68" (1727mm)
30" (762mm)	20" (508mm)	18" (457mm)	68" (1727mm)
44" (1118mm)	12" (305mm)	12" (305mm)	68" (1727mm)
44" (1118mm)	24" (610mm)	14" (356mm)	82" (2083mm)
44" (1118mm)	20" (508mm)	18" (457mm)	82" (2083mm)
50" (1270mm)	20" (508mm)	12" (305mm)	82" (2083mm)
50" (1270mm)	18" (457mm)	14" (356mm)	82" (2083mm)
56" (1442mm)	14" (356mm)	12" (305mm)	82" (2083mm)

Note All possible height combinations are not illustrated.

Panel Accessories: UniGroup Too, UniGroup, and PLACES

Fabric Add-On Panels

- Can be used above fabric, laminate (UniGroup Too and UniGroup), and wood surface (PLACES) panels
- Cannot be used above any door, glazed, open-frame, or legacy Videne panels
- Fabric Add-On Panel connectors insert into the vertical internal side trim rails of the base of lower Add-On Panel
- Fabric Add-On Panels will accept panel-hung components, but only on the lower level fabric Add-On Panel (one-high add-on location), and only after all other loading guidelines have been met
- Component brackets may be attached only to the Base Panel or lowest add-on fabric panel



Glazed Add-On Panels

- Glazed panels can be used above fabric, laminate (UniGroup Too and UniGroup), wood surface (PLACES) or glazed, and open frame (UniGroup and PLACES) panels
- Glazed panels cannot be used above doors, curved, or legacy videne panels
- Glazed panels connectors insert into the vertical internal side trim rails of the base or lower Add-On Panel
- Cannot accept panel-hung components
- Glazed Add-On Panels are available in clear, bronze, and frosted glazing colors as well as textured glass patterns in English Reeded, Checks Mix, and Vertical Moire
- Glazed Add-On Panels are textured on one side only. Haworth recommends installing the textured side to face the interior of the workstation
- May be retrofitted in the field for use on fabric, laminate, wood surface, glazed, or open-frame add-on or Base Panels. eParts number for retrofit kits:
 - 2571-7503 for use with Glazed Add-On Panels above a fabric, laminate, or wood surface panel
 - 2571-7602 for use with Glazed Add-On Panels above a glazed or open frame panel

Note Retrofit kits are not available for and cannot be used with product produced prior to 10/01/02.

Panel Accessories: UniGroup Too, UniGroup, and PLACES

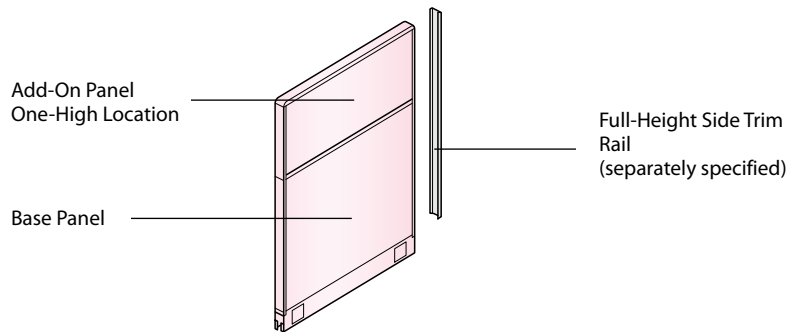
Full-Height Side Trim Rail Application

UniGroup Too, UniGroup, and PLACES panel applications with a Base Panel and one Add-On Panel require a separately specified Full-Height Side Trim Rail(s) in End-of-Run and Variable-Height conditions to provide a clean aesthetic and alignment between the base and add-on. Panel applications with a Base Panel and two Add-On Panels require separately specifying a Full-Height Side Trim Rail to align Base Panel and the first Add-On Panel. Add-On Panels installed at the two-high location will utilize the side trim rail included with Add-On Panel.

Note Full-Height Side Trim Rails are separately specified.

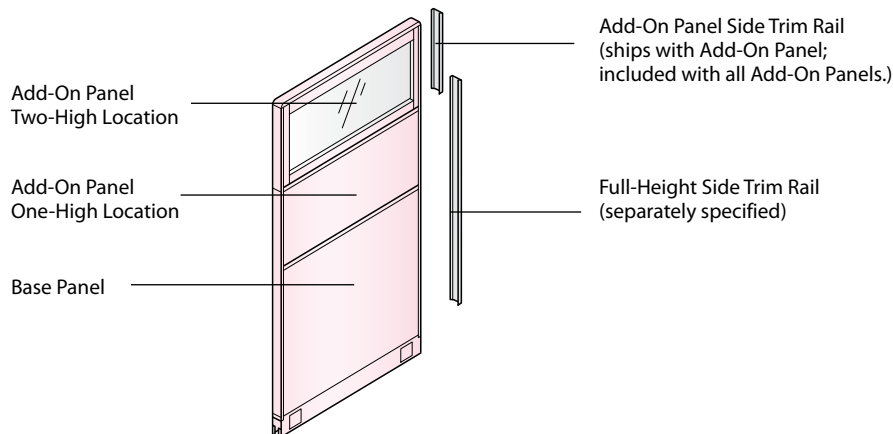
Panel Application

Base Panel and One Add-On Panel



Panel Application:

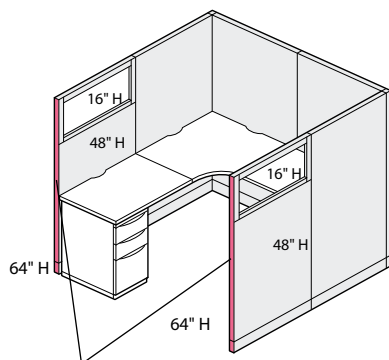
Base Panel and Two Add-On Panels



Tip Specify appropriate Full-Height Side Trim Rail per your systems product line — unique to each product line.

Panel Accessories: UniGroup Too, UniGroup, and PLACES

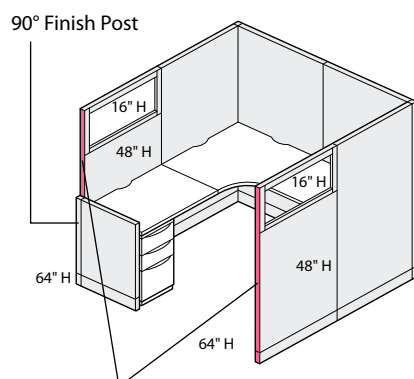
Full-Height Side Trim Rail Application



Requires Full-Height Side Trim Rail (separately specified)

End-of-Run Applications:

A separately specified UniGroup Too, UniGroup, or PLACES Full-Height Side Trim Rail is required in this application, as shown.

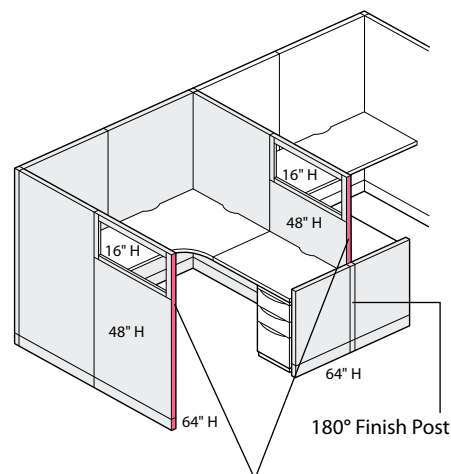


Requires Full-Height Side Trim Rail (separately specified)

2-Way Applications:

A separately specified UniGroup Too, UniGroup, or PLACES Full-Height Side Trim Rail is required for 2-Way applications when the base and Add-On Panel are taller than the return panel.

Note For applications without Finish Posts, base raceway end caps, or in powered conditions a 90° power connector cover is required.



Requires Full-Height Side Trim Rail (separately specified)

3-Way Applications:

A separately specified UniGroup Too, UniGroup or PLACES Full-Height Side Trim Rail is required for 3-Way applications when the base and Add-On Panel are taller than the adjacent panels.

Note For applications without Finish Posts, base raceway end caps, or in powered conditions a 180° power connector cover is required.

Tip Specify the correct Full-Height End-of-Run Side Trim Rail per your systems product line — unique to each product line.

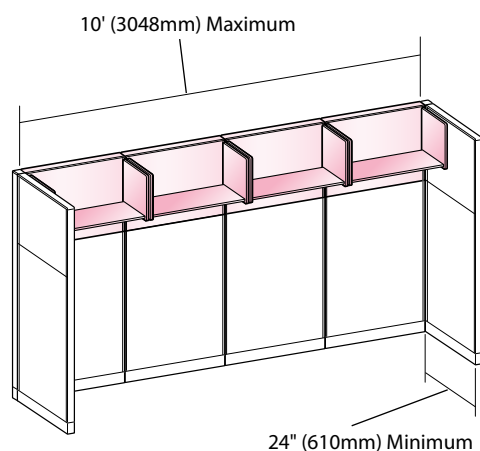
Panel Accessories: UniGroup Too, UniGroup, and PLACES

Loading Guidelines for Add-On Panels

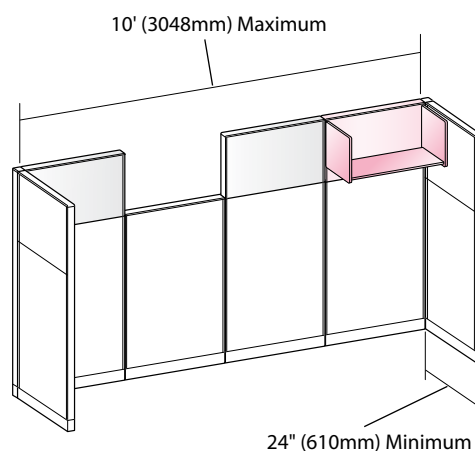
- The first level of fabric Add-On Panel is load bearing. The second level of fabric Add-On Panel is not load bearing
- Glazed Add-On Panels are **not** load bearing at any level
- Add-On Panels may be "stair-stepped" but loads cannot be applied to adjacent Add-On Panels
- Return panels must be a minimum of 30" (762mm) wide in an unloaded, unbalanced condition and a minimum of 18" (457mm) in a balanced, unloaded condition (reference Support and Load Guidelines for more details. For loaded conditions, a minimum 24" (610mm)-wide return panel is required.

In order to use upper storage on the first row of Add-On Panels, you must:

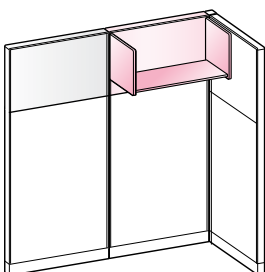
- Have a 10' or shorter run with 24" minimum return panels.



- Have adjacency to equal height Add-On Panels or equal or greater height monolithic panels (on both sides).



- Be within one panel of a return panel.



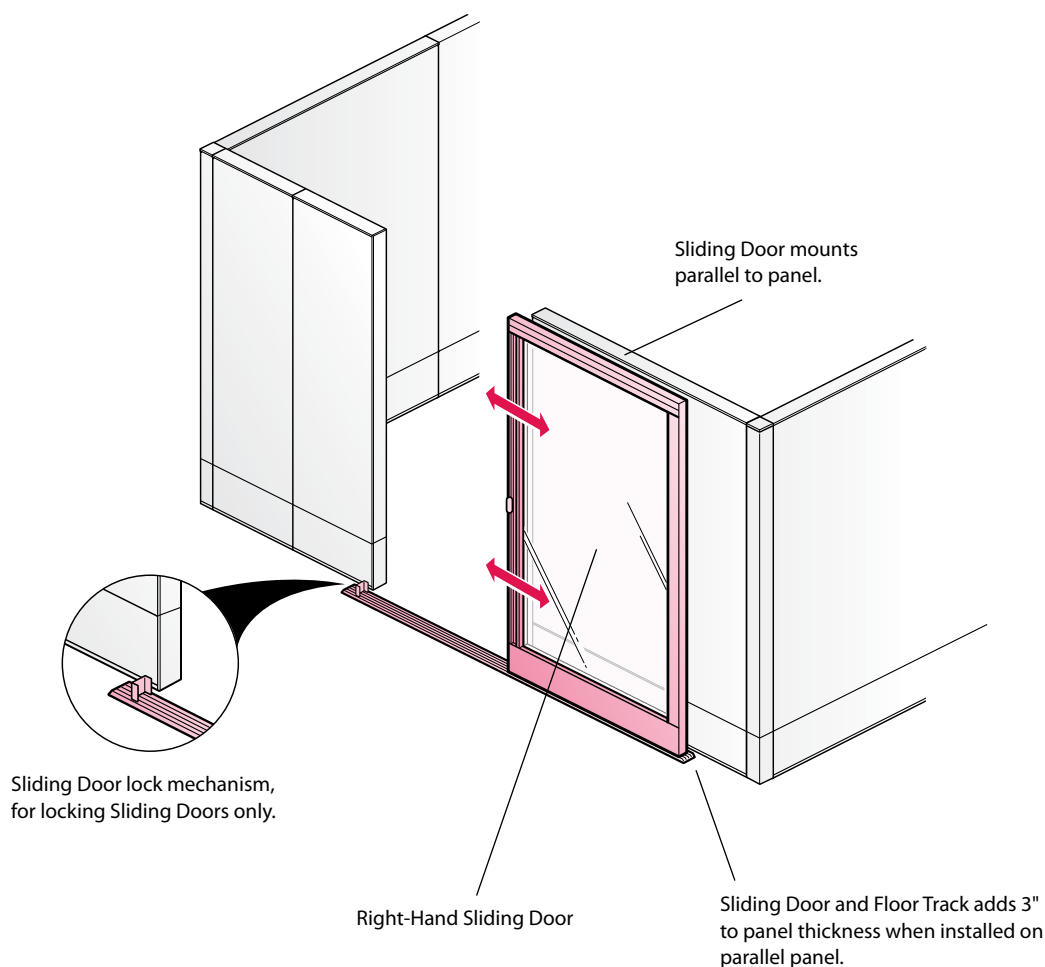
Sliding Door: UniGroup Too

Sliding Doors provide an effective means to divide space and create visual privacy.

- The Sliding Door is designed for use with UniGroup Too. In some applications the Sliding Door can be used with UniGroup and PLACES. The Filler Post is only available with UniGroup Too square profile trim.
- Sliding Doors must mount on a panel equal to or taller than the height of the Sliding Door.
- Sliding Doors can mount on any panel the same width or wider, for example:
 - 36" wide Sliding Door can mount on a 36" wide or wider Panel.
- Sliding Doors are non-load bearing and available with clear glazed and frosted acrylic surface options.
- Sliding Door Attachment Brackets are product line specific.
- Sliding Doors are available locking or non-locking and cannot be retrofitted.
- Sliding Door slides along Threshold Track on wheels with 1¼" adjustment.
- Threshold Track meets ADA guidelines.
- Sliding Door Threshold Track length:
 - 74¾" on a 36" wide Sliding Door
 - 86¾" on a 42" wide Sliding Door

Widths: 36" and 42"

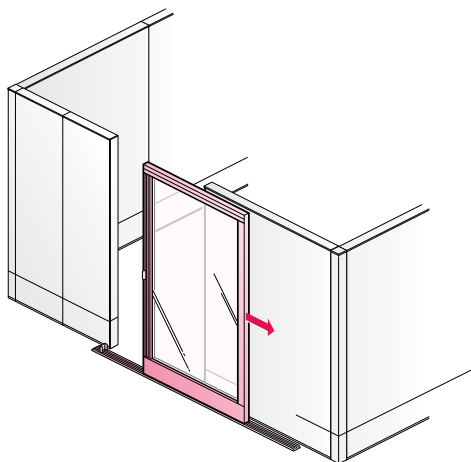
Heights: 64", 72", and 80"



Sliding Door: Planning with Structures

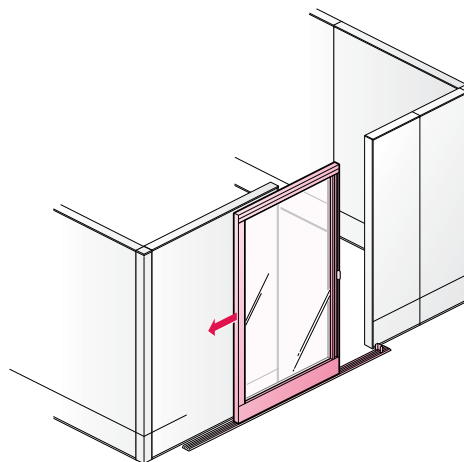
A Sliding Door must be specified as right-hand or left-hand. To understand the difference, refer to the illustrations below.

Right-Hand Sliding Door



Right-hand Sliding Door mounts and slides open to the right (shown from the outside of a workstation application).

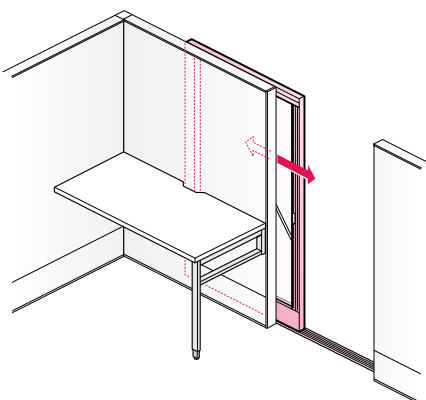
Left-Hand Sliding Door



Left-hand Sliding Door mounts and slides open to the left (shown from the outside of a workstation application).



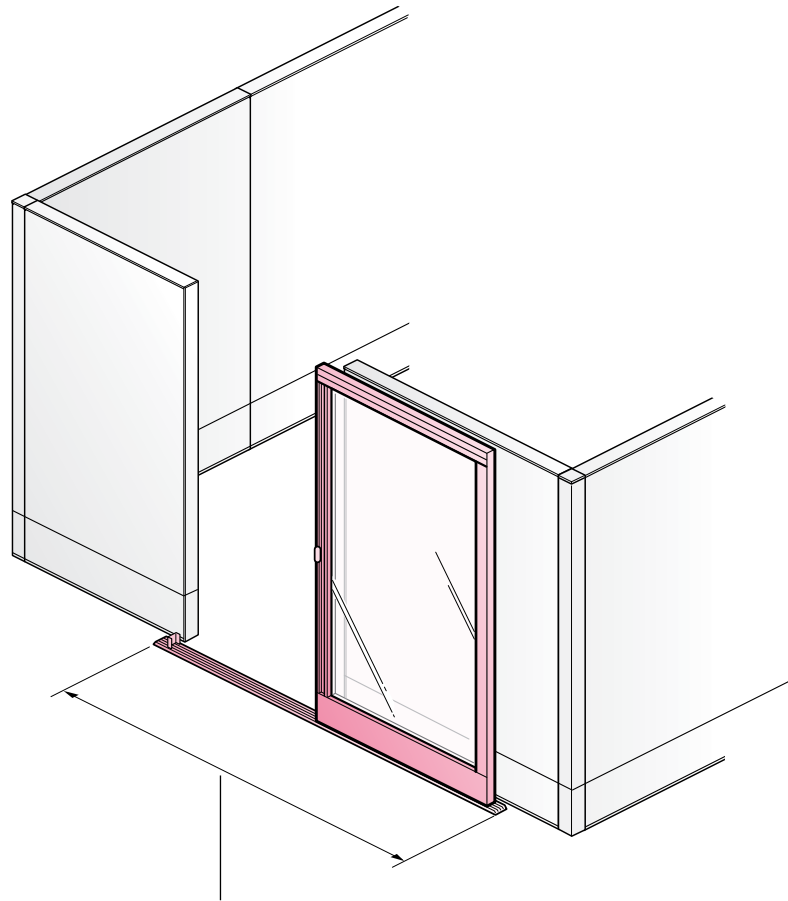
Right-hand and left-hand Sliding Doors are not field changeable to opposite sliding direction.



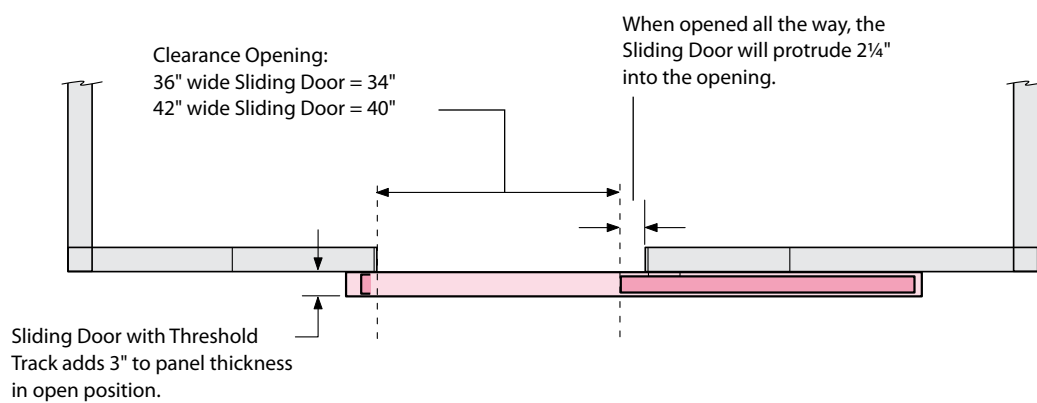
Sliding Door Attachment Brackets do not interfere with components mounted to opposite side of panel.

Sliding Door: Planning with Structures

Critical Dimensions in Sliding Door Applications (right-hand Sliding Door shown)



Sliding Door Threshold Track length:
36" wide Sliding Door = 74¾" track
42" wide Sliding Door = 86¾" track



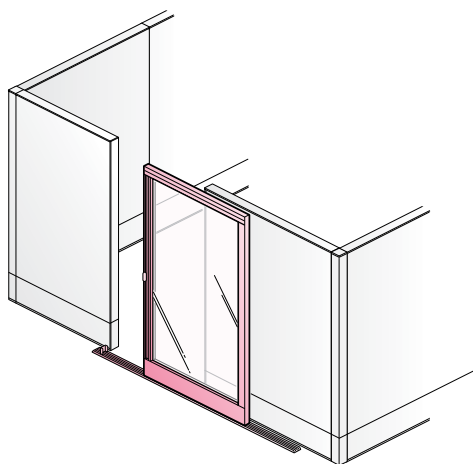
Sliding Door: Planning with Structures

Sliding Door Applications

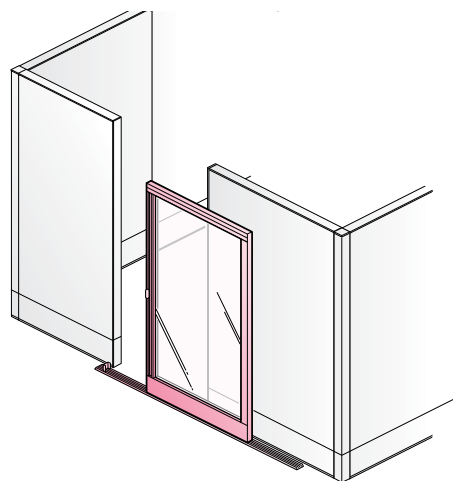
Sliding Door can be specified in applications that have a parallel panel on both sides of the Sliding Door without the need of a Filler Post (as shown).

- Parallel panel run must be as wide or wider than the attached Sliding Door.
- Sliding Door must mount on a panel equal to or taller than the height of the Sliding Door.
- Parallel panel can be any UniGroup Too top panel or glass panel.
- Sliding Door is product specific.

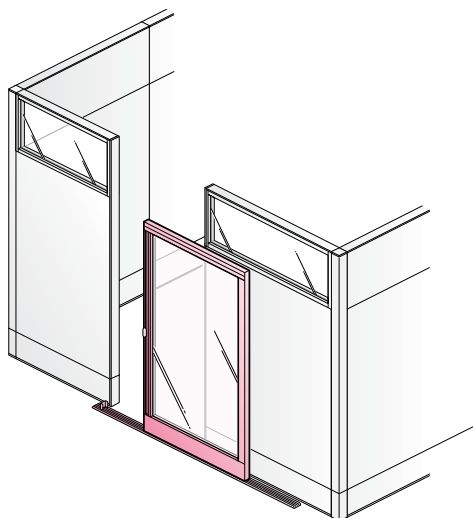
Panel Frame



Panel Frame Taller than Sliding Door



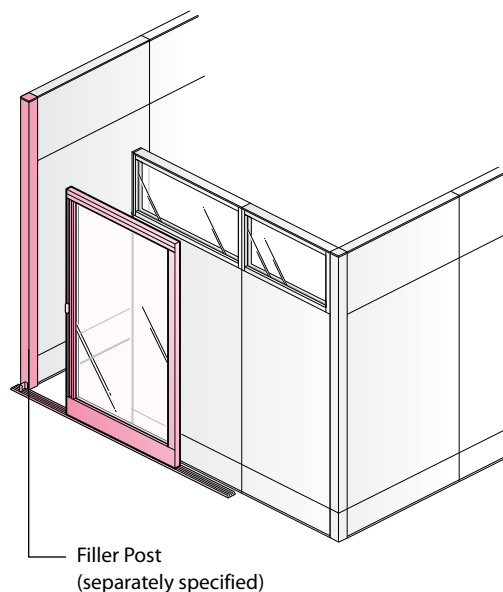
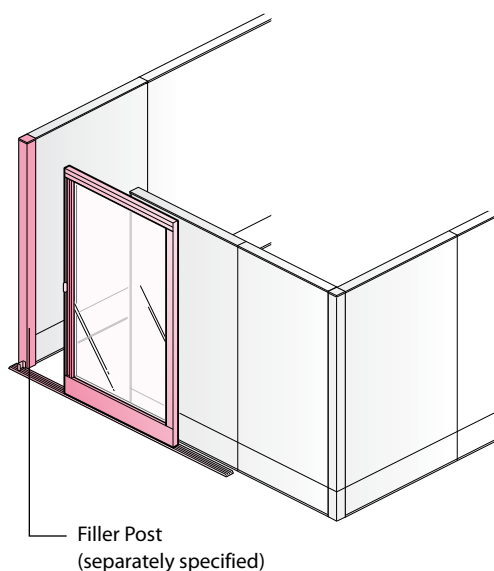
Panel Frame with Glass Stack Frame



Sliding Door: Planning with Structures

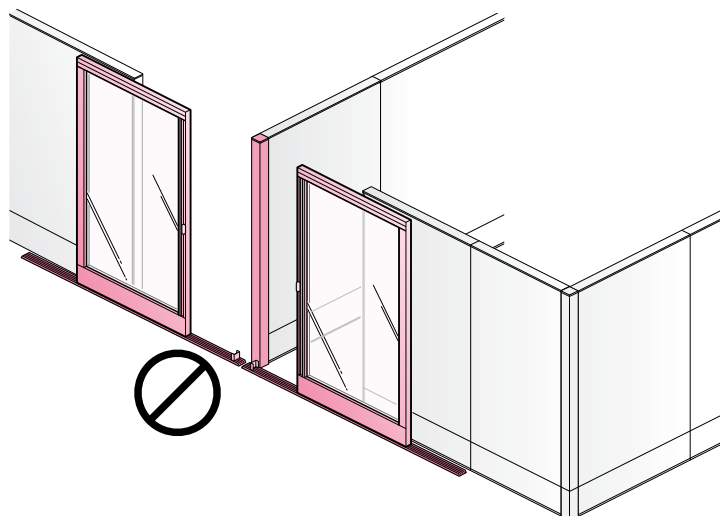
Sliding Door Filler Post Applications

- Sliding Door can be used in applications where the Sliding Door meets with an end-of-panel run, the use of a separately specified Filler Post is required. The Filler Post is only available with UniGroup Too square profile trim.
- Filler Posts are available in 64", 72", and 80" heights.



Tip Specify Filler Post to match panel height in all applications.

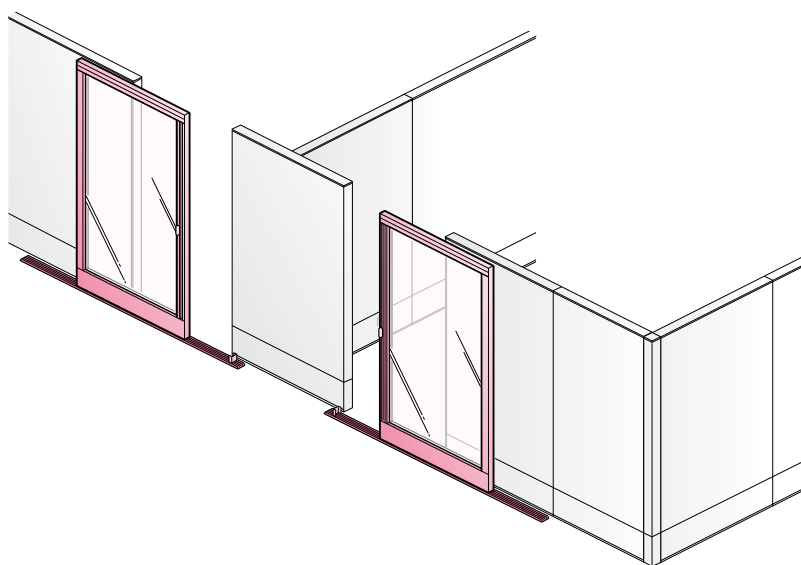
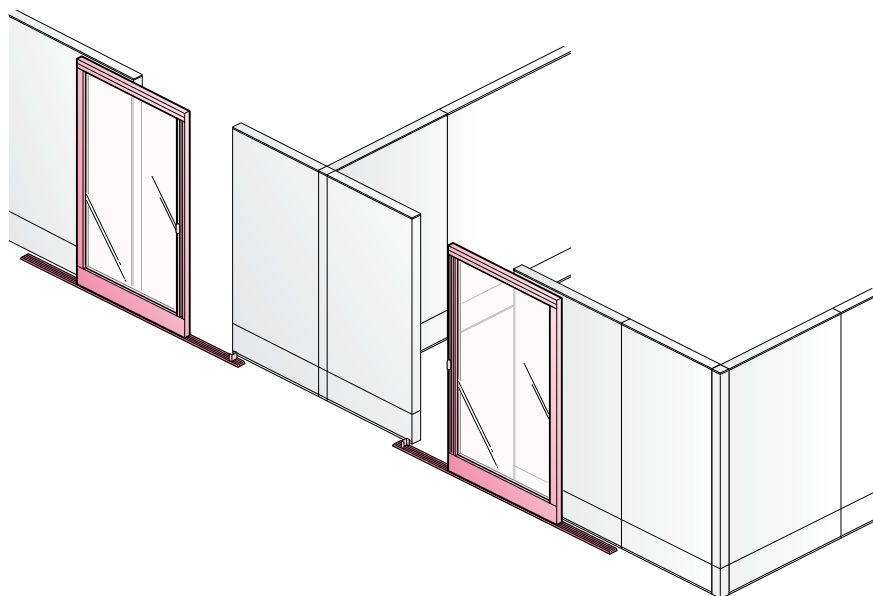
- Two Sliding Doors cannot come together at an end-of-run application. Interference between the Sliding Door Floor Track Threshold will occur.



Sliding Door: Planning with Structures

Sliding Door Panel Applications

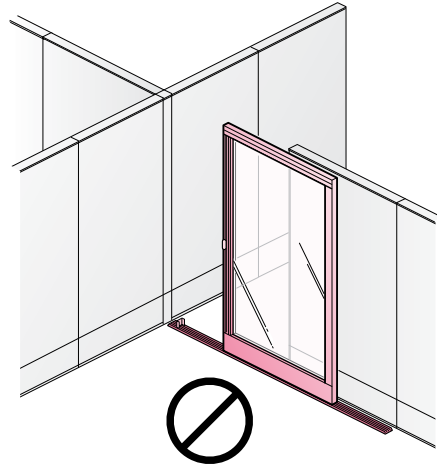
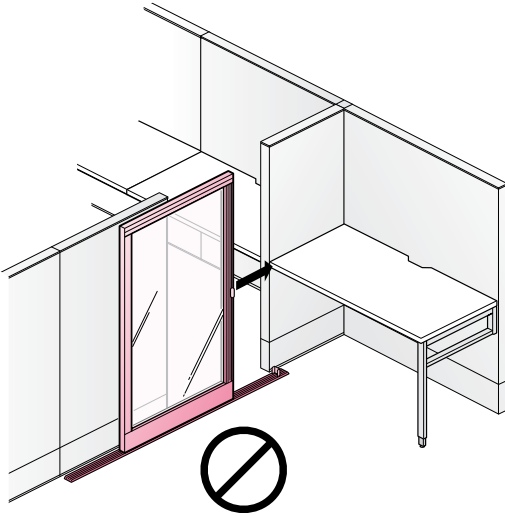
- Sliding Doors can be installed in application shown where a 3-way intersection or T-Mount condition occurs.



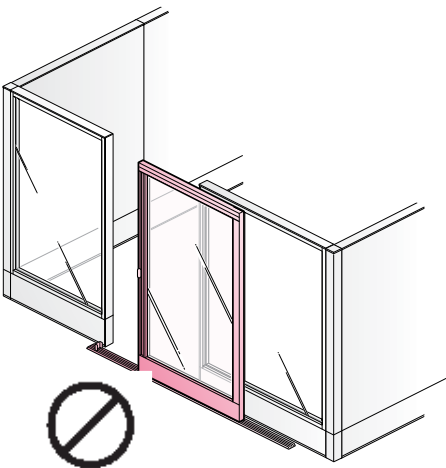
Sliding Door: Planning with Structures

Sliding Door Non-Specifiable Applications

- Sliding Door cannot be used in applications where the Sliding Door closes into a worksurface as the worksurface will interfere.
- A Sliding Door cannot end at a perpendicular panel run. The Sliding Door Threshold Track and lock mechanism will protrude into the pathway of the Sliding Door.



- Attaching a Sliding Door to a full glass panel run is not recommended.

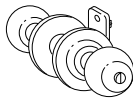
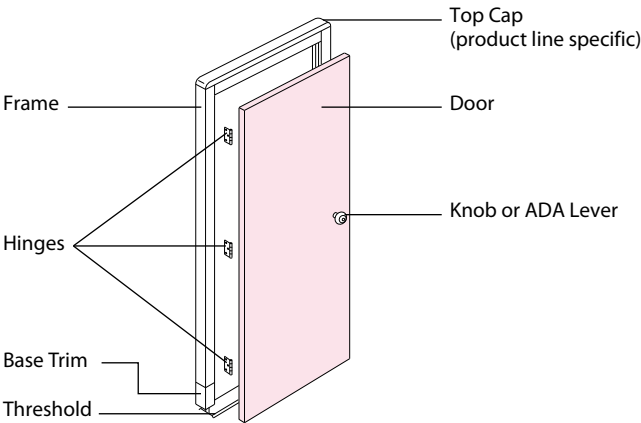


Doors: UniGroup Too, UniGroup, and PLACES

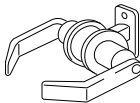
UniGroup Too, UniGroup, and PLACES door and frame assemblies include an extruded aluminum frame, hollow core door, and threshold. A product line specific top cap is used to trim the top of the door assembly and provide design continuity with attached panels.

Single Door: Wood or Laminate Surface

- Surface options available for UniGroup Too, UniGroup, and PLACES with appropriate top cap aesthetic.
- Laminate surface in same color on both sides of the door.
- Wood veneer surface on both sides (PLACES only).
- Shipped with left-hand swing (field changeable to right-hand swing).
- Hollow core door thickness: 1.46" (37mm).
- Includes hinge sets, carpet gripper, leveling glides, door jamb, side trim rails and trim, door hinges, hardware, threshold, and brushed chrome knobs or ADA lever with lockset and keys.
- No power or communication in base raceway.



Knob



ADA Lever

Single Door and Frame Assembly Dimensions

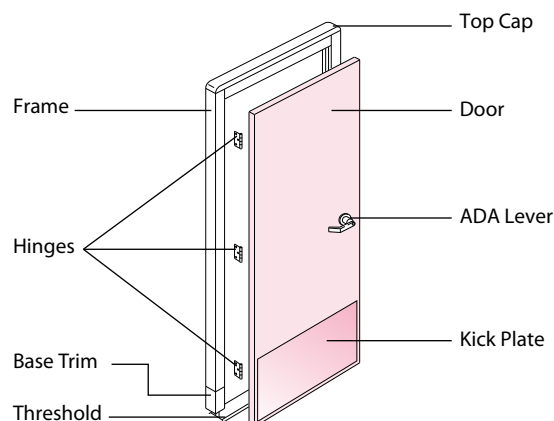
PRODUCT	FRAME HEIGHT	FRAME WIDTH	CLEARANCE HEIGHT	CLEARANCE WIDTH
UniGroup and PLACES	82"(2083mm)	36" (914mm)	78" (1981mm)	28¾" (730mm)
		42" (1067mm)	78" (1981mm)	34¾" (864mm)
UniGroup Too	80"(2032mm)	36" (914mm)	78" (1981mm)	28¾" (730mm)
		42" (1067mm)	78" (1981mm)	34¾" (864mm)

Note Most building codes for new construction require a minimum opening clearance of 32" (813mm) wide. To meet this requirement, the 42" (1067mm)-wide single door must be specified. Consult local building codes for clearance height requirements.

Doors: UniGroup and PLACES

Single Door with ADA Lever and Kick Plate: Laminate Surface

- Available for UniGroup with Radius Steel Top Cap.
- Laminate surface in same color on both sides of the door.
- Shipped with left-hand swing (field changeable to right-hand swing).
- Hollow core door thickness: 1.46" (37mm).
- Includes hinge sets, carpet gripper, leveling glides, door jamb, side trim rails and trim, door hinges, hardware, threshold, kick plate, and ADA lever with lockset and keys.
- No power or communication in base raceway.



ADA Lever

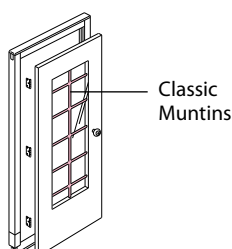
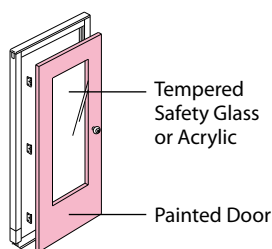
Single Door with ADA Lever and Kick Plate and Frame Assembly Dimensions

FRAME HEIGHT	FRAME WIDTH	CLEARANCE HEIGHT	CLEARANCE WIDTH
82" (2083mm)	42" (1067mm)	78" (1981mm)	34¾" (882mm)

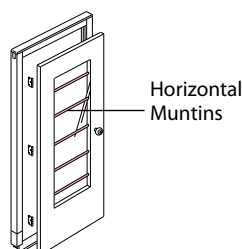
Single Door: Glazed Surface

- Laminate door surfaces with 0.125" (3.18mm)-thick tempered safety glass or acrylic inset
- Door core thickness: 1.63" (41mm)
- All other specifications are identical to laminate surface doors
- Available with ½" (12mm)-thick Classic or Horizontal Muntins (specified separately)
- Must specify left-hand or right-hand door; not field changeable.

Available for UniGroup and PLACES



Available for PLACES



Single Door and Frame Assembly Dimensions: Glazed Surface

FRAME HEIGHT	FRAME WIDTH	CLEARANCE HEIGHT	CLEARANCE WIDTH
82"(2083mm)	36" (914mm)	78" (1981mm)	28¾" (730mm)
	42" (1067mm)	78" (1981mm)	34¾" (882mm)

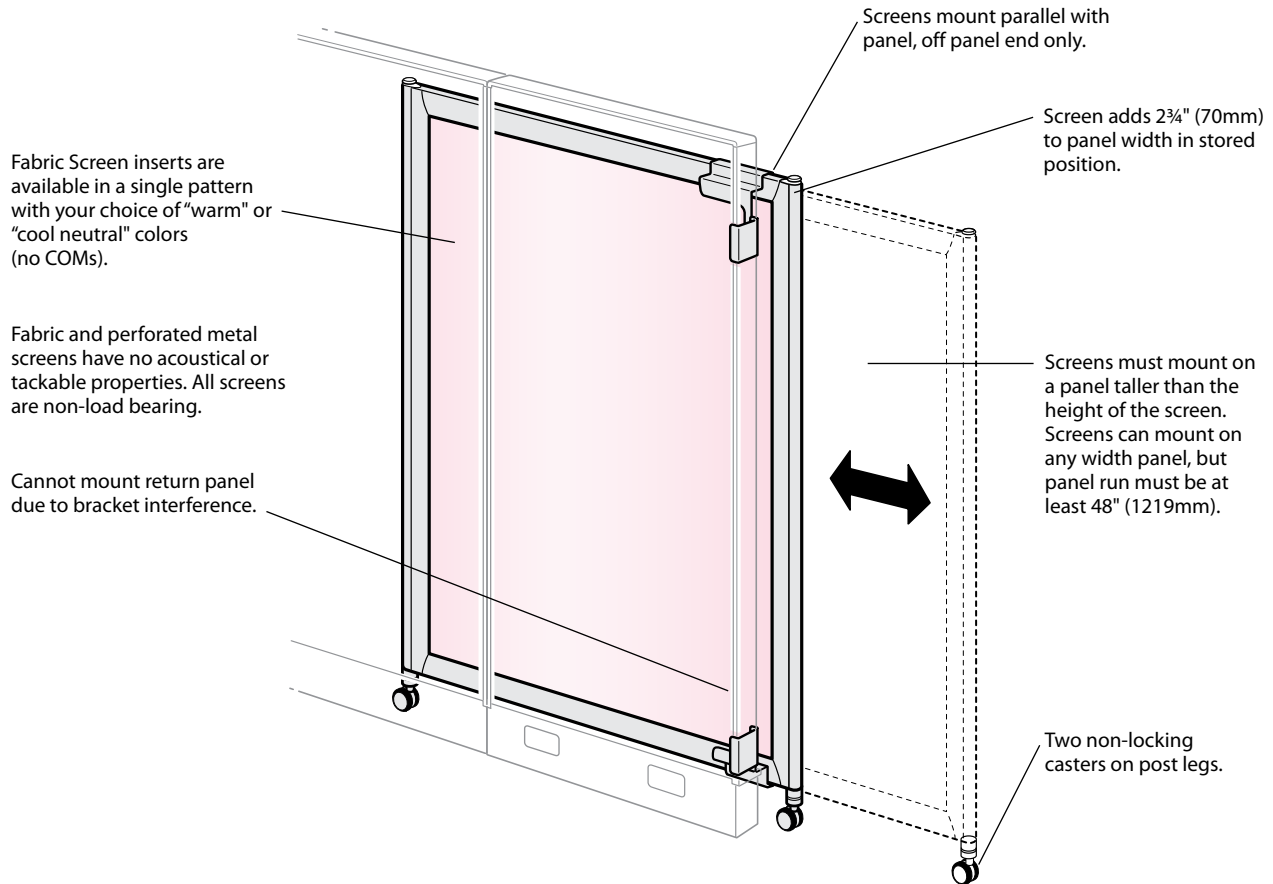
Notes

- Door Muntins are factory installed.
- Most building codes for new construction require a minimum opening clearance of 32" (813mm) wide. To meet this requirement, the 42" (1067mm)-wide single door must be specified. Consult local building codes for clearance height requirements.

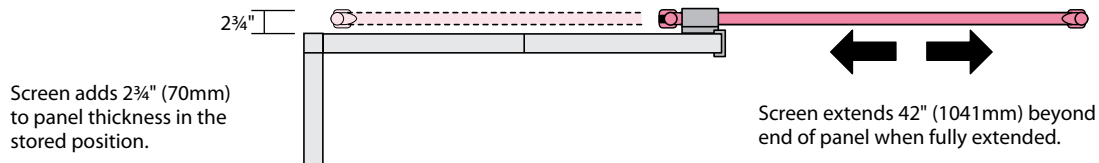
if Panel Attached Screens: UniGroup Too, UniGroup, and PLACES

if Panel Attached Screens are lightweight sliding partitions which provide a simple and effective means to divide space and create visual and territorial privacy (available UniGroup Too, UniGroup, and PLACES).

HEIGHT	WIDTH
47" (1194mm)	48" (1219mm)
52" (1321mm)	
63" (1600mm)	



Available for use with UniGroup Too, UniGroup, and PLACES



Tip Panel attached screen brackets may interfere with components mounted to opposite side of panel.

Panel Accessories: UniGroup Too, UniGroup, and PLACES

UniGroup Too, UniGroup, and PLACES panels can be connected in a variety of configurations using the following panel connectors: Panel Hinges, T-Mount Kit, and Wall-Mount Kit.

Panel Hinges

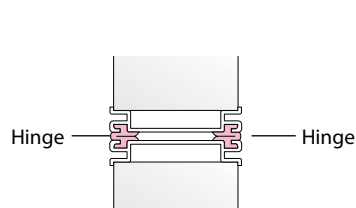
- Polypropylene hinges fill panel side trim rail channels from the top of the panel to the top of the base raceway cover
- Provides a sound and light barrier
- Replacement hinges must be specified separately
- One set of hinges connects every two panels in an angular connection
- Two sets of hinges connect two panels in a straight-line connection

Hinge Set Requirements

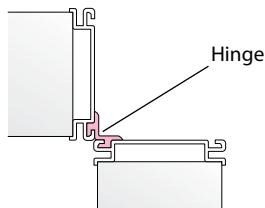
PANEL CONFIGURATION	NUMBER OF HINGE SETS REQUIRED
Straight	Two
90° Corner	One
Variable Angles	One
120° 2-Way*	One
180° 3-Way	Two
4-Way	Four

* Can also be configured in a 3-Way with three (3) hinge sets required.

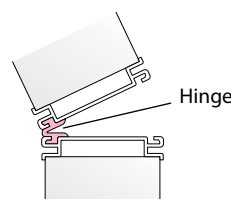
Straight Configuration



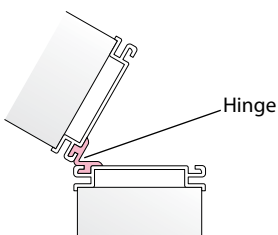
90° Corner Configuration



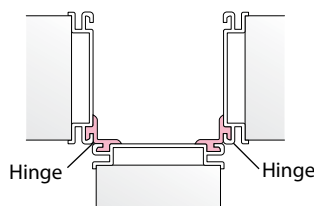
Variable Angle Configuration



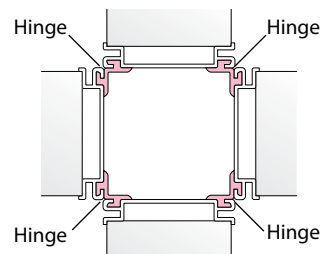
120° Configuration



180° 3-Way Configuration



4-Way Configuration



Tips

- Finish Posts are available in 90°, 120°, and 180° angular connections for steel top cap panels.
- 120° variable-angle configurations are not available with wood trim panels.

Notes

- Unbalanced panel runs in U-shaped configurations require matching-height return panels and 90° Finish Posts.
- Powered panels require Finish Posts or power connector cover.

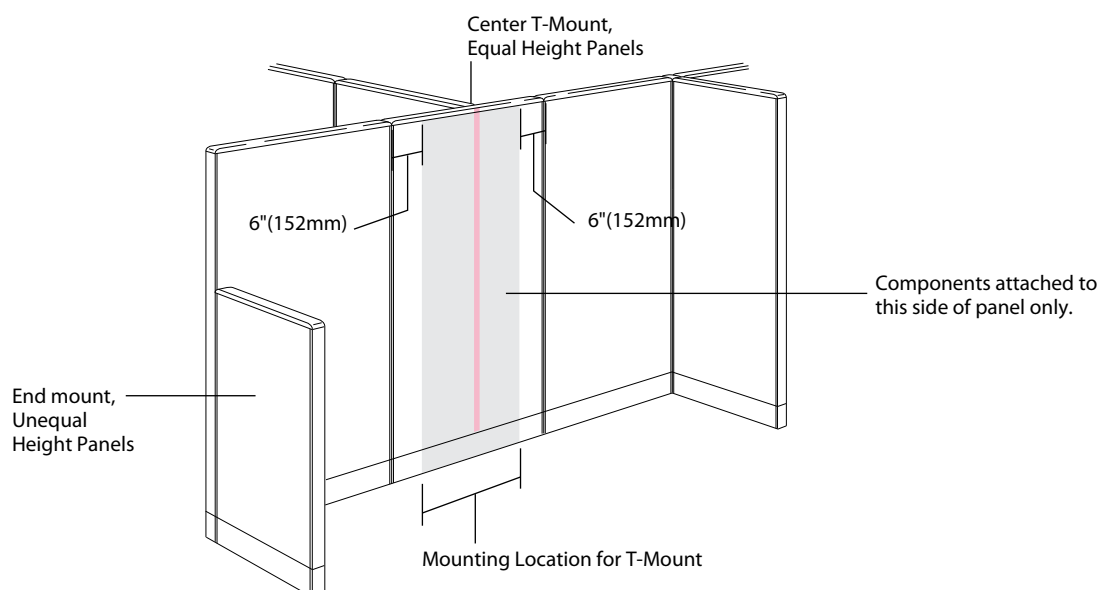
Panel Accessories: UniGroup Too, UniGroup, and PLACES

T-Mount Kit

T-Mount Kits are available for UniGroup Too, UniGroup, and PLACES. Each product line has unique T-Mount Kits; order for appropriate product line.

- Used to mount panels to the face of supporting panels
- Provides 90° attachment of a panel to a straight panel run, without adding the 2" (51mm) panel thickness associated with a typical 180° 3-Way panel configuration
- 2" (51mm) wide
- Center T-Mount application:
 - Connected panels must be identical height;
 - Used to mount a panel at 90° directly to one side trim rail of the supporting panel
- End T-Mount application:
 - Used to mount a panel at 90° directly to one side trim rail of the supporting panel;
 - Height of end T-Mount panel can be equal to or lower than the supporting panel height

T-Mount Kit Applications

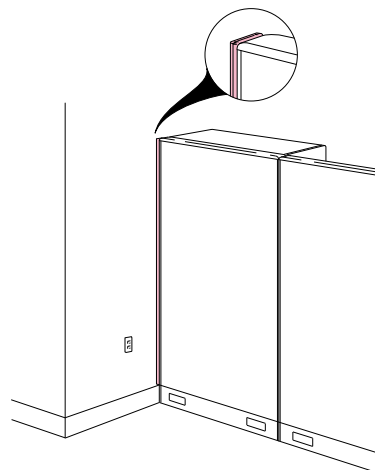


Note In center T-Mount conditions, panel-hung components cannot be mounted on one side of the supporting panel. Access to the panel's side trim rails is impeded. The T-Mounted panel itself can accept components on both sides.

Wall Mount Kit

Wall Mount Kits are available for UniGroup Too, UniGroup, and PLACES. UniGroup and PLACES utilize the same Wall Mount Kits. UniGroup Too has a unique Wall Mount Kit due to panel height differences between product lines.

- Used to mount panel configurations to a structural building wall.
- Attaches directly to wall stud or other permanent structural component.
- Add ¼" (6mm) width to the beginning panel
- 2" Wide

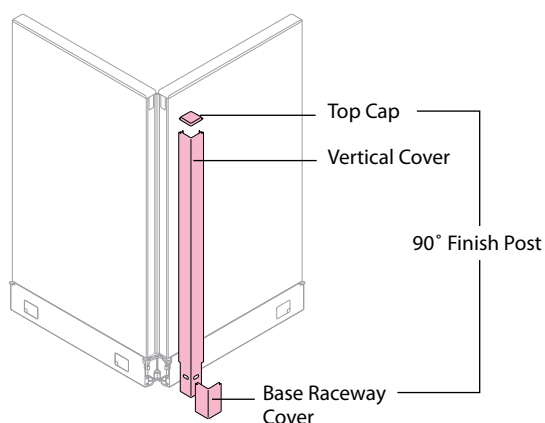


Finish Posts: UniGroup Too, UniGroup, and PLACES

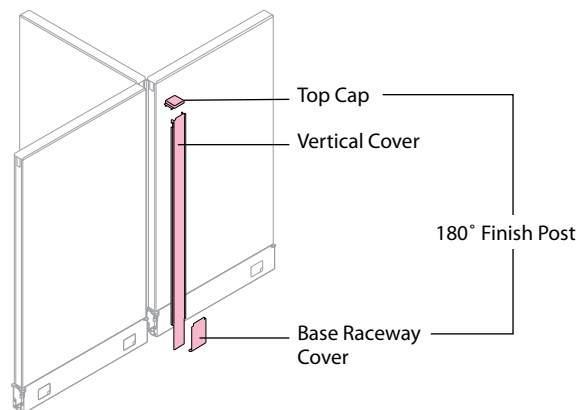
Finish Posts are designed to provide a full-height, continuous trim appearance at panel intersections with exposed side trim rails. Specification of Finish Posts are unique to each product line (UniGroup Too, UniGroup, and PLACES).

- Includes product line specific top cap, vertical cover, and base raceway cover
- Angle options: 90°, 120°, and 180°

2" (51mm) Finish Post: 90° Application



2" (51mm) Finish Post: 180° Application



UniGroup and PLACES 120° Finish Post offering has limited height availability.

Note

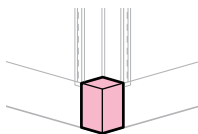
Finish Posts are required for:

- All panels equipped with Wood Top Caps.
- "U"-shaped configurations of straight panel runs that do not have panel-hung components.
- Powered panels equipped with steel Top Caps, if a power connector cover is not used.

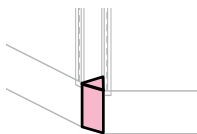
Panel Connector Covers: UniGroup Too, UniGroup, and PLACES

Power Connector Covers for UniGroup Too

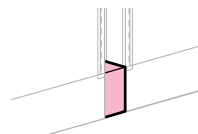
- To be used with UniGroup Too panels which have Square Painted Top Caps
- Available in standard or metallic trim colors
- Three angle options: 90°, 120°, and 180°
- 4" Height options



90°
Power Connector Cover (Square)
E2PC-90-B



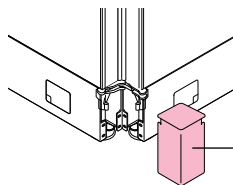
120°
Power Connector Cover (Square)
E2PC-120-B



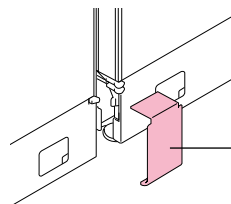
180°
Power Connector Cover
PCC-180-B

Power Connector Covers for UniGroup and PLACES

- Required by UL for covering flexible or straight-span power connectors when a Finish Post is not used
- Specify for use with steel top cap panels only
- Two angle options: 90° and 180°
- Available in standard trim colors
- 4" (102mm) height .



90° Power
Connector
Cover (radius)
PCC-90-B



180° Power
Connector
Cover
PCC-180-B

Tips

- UniGroup Too Power Connector Cover (E2PC-120-B) may also be used for UniGroup and PLACES Powered Panel Applications.
- 180° Power Connector Cover (PCC-180-B) is the same product for UniGroup Too, UniGroup, and PLACES.

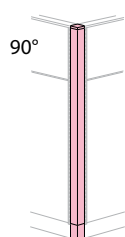
Finish Post Specification Guidelines: UniGroup Too

Finish Posts are not required for UniGroup Too panel applications. They are available as an aesthetic option if a finished condition is desired. Finish Posts are available for Full-Height or Variable-Height applications in 90°, 120°, and 180° conditions. For powered panel applications without Finish Posts specify power connector covers to meet UL requirements to cover power connectors. If Finish Posts are not specified, additional Top Cap End Plugs may be required; separately specified.

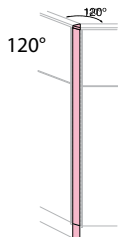
Full-Height Finish Post (E2__-__)

- Standard with Square Painted Top Cap.
- Available with fabric or painted surface in standard or metallic trim colors.

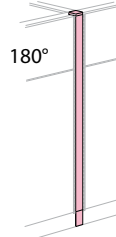
48" High Panels



E2(__)C-46



E2(__)A-46



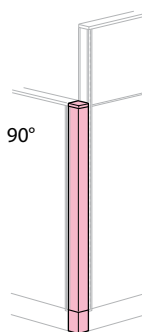
E2(__)S-46

Note For equal height panel conditions.

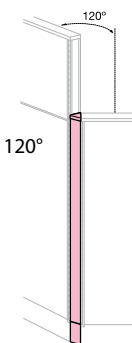
Variable-Height Finish Post (E2__-__V__)

- Standard with Square Painted Top Cap.
- Available with fabric or painted surface in standard or metallic trim colors.

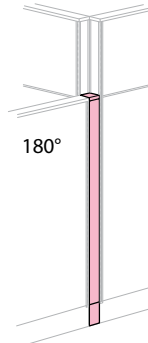
Lowest Panel: 48" High



E2(__)C-46-V



E2(__)A-46-V



E2(__)S-46-V1

Tip For 180° Variable-Height applications, refer to the following pages for additional application guidelines.

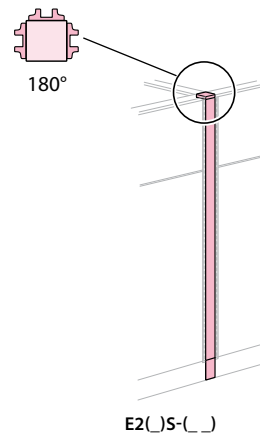
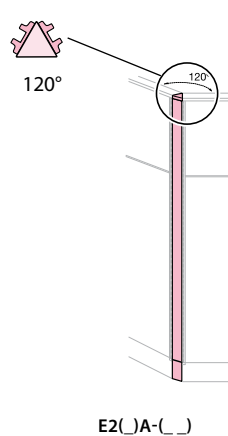
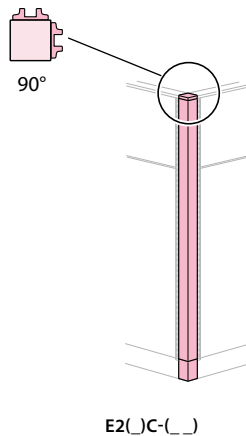
Note For different height panel conditions.

Finish Post Specification Guidelines: UniGroup Too

Full-Height Finish Post (E2__-__)

Full-Height Finish Posts are available for same height panels in a 90°, 180° or 120° panel condition. Full-Height Finish Post Top Caps have alignment tabs on two or three sides. Tabs on the side of the Finish Post Square Painted Top Cap align with same height panel Top Caps. Specification of Full-Height Finish Posts are dependent upon same height panels and the 90°, 120° or 180° panel intersection.

Top Cap Detail Plan Views

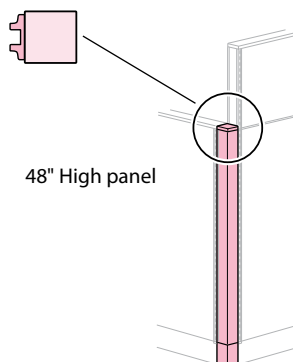


Note For same height panels in a 90°, 120°, or 180° condition.

90° Variable-Height Finish Post (E2_C-__-V)

Variable-Height 90° Finish Posts are available for different height panels in a 90° panel condition. This type of Finish Post has one alignment tab on the Square Painted Top Cap. The tab on the side of the Finish Post top cap align with the lower panel top cap.

Top Cap Detail Plan View



Notes

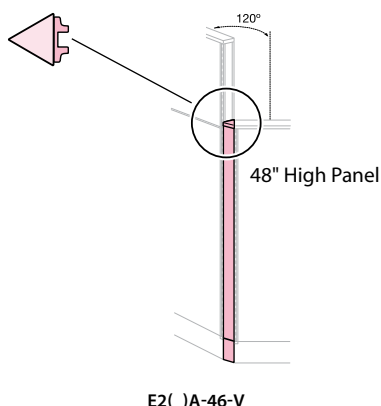
- For different height panels in a 90° condition.
- Specify Finish Post to match the lowest panel height.

Finish Post Specification Guidelines: UniGroup Too

120° Variable-Height, 2-Way Finish Post (E2_A-__-V)

Variable-Height 120° Finish Posts are available for different height panels in a 120° panel condition. This type of Finish Post has one alignment tab on the Square Painted Top Cap. The tab on the side of the Finish Post top cap aligns with the lower panel top cap.

Top Cap Detail Plan View

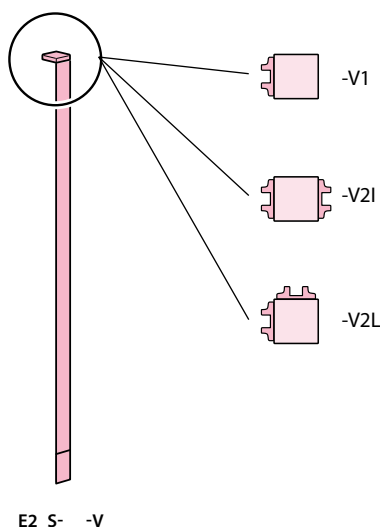


- Notes**
- For different height panels in a 120° condition.
 - Specify Finish Post to match the lowest panel height.

180° Variable-Height Finish Post (E2_S-__-V_)

Variable-Height Finish Posts are available to meet specific panel conditions in a mixed panel height application. Finish Post Square Painted Top Caps have alignment tabs on one or two sides. The Catalog Logic reflects the quantity and orientation of tabs on the top cap. Specification of 180° Variable-Height Finish Post is dependent upon specific product applications as the alignment tabs are not field removable. Refer to the following page for application guidelines.

Top Cap Detail Plan View



- Note** For different height panel conditions.

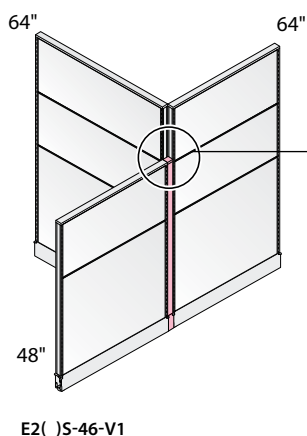
Finish Post Specification Guidelines: UniGroup Too

180° Variable-Height Finish Post (E2_S-__-V_)

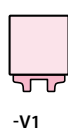
- Standard with Square Painted Top Cap.
- Vertical cover available with fabric or painted surface in standard or metallic trim colors.
- Specification dependent upon panel condition and heights.

A 48" High Variable-Height 180° Finish Post is specified to match the lowest panel height. The -V1 option is needed to accommodate one low panel in this 3-Way, 180° panel condition. The -V1 option Finish Post top cap has a single tab on the side of the top cap to align with the top cap of the low panel.

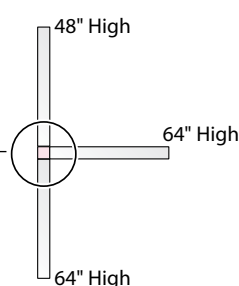
One Low Panel Condition



Top Cap Detail



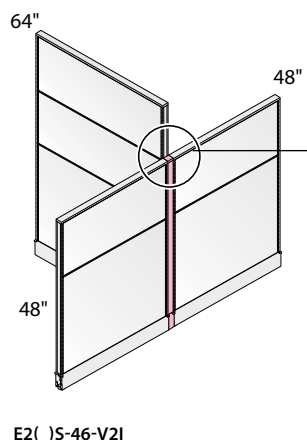
Plan View



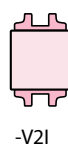
Note For different height panels in a 180°, 3-Way condition.

A 48" High Variable-Height 180° Finish Post is specified to match the lowest panel height. The -V2I option is needed to accommodate the two low panels in this 3-Way, 180° condition. The -V2I option Finish Post top cap has two alignment tabs on opposite sides to align with the Top Caps of the two low panels in a straight "I" condition.

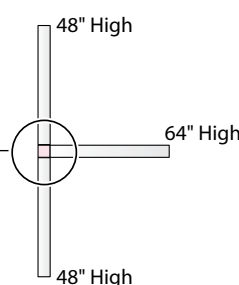
Two Low Panels in a Straight "I" Condition



Top Cap Detail



Plan View



Note Both low panels must be the same height.

Finish Post Specification Guidelines: UniGroup Too

180° Variable-Height Finish Post (E2_S-_-V_)

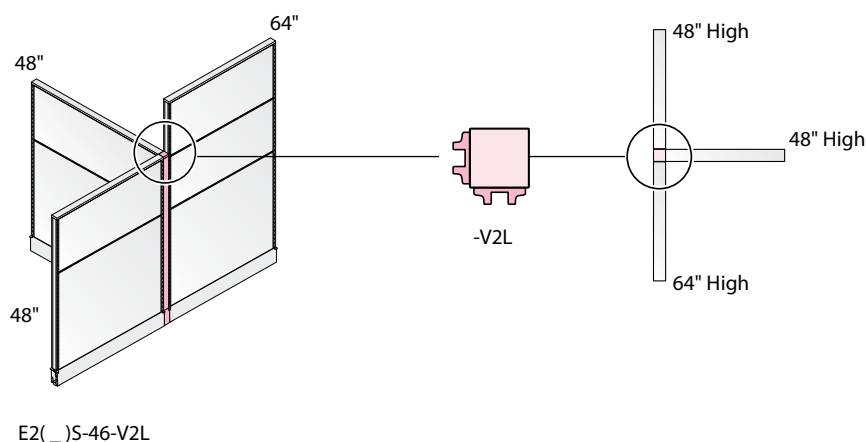
- Standard with Square Painted Top Cap.
- Vertical cover available with fabric or painted surface in standard or metallic trim colors.
- Specification dependent upon panel condition and heights.

A 48" High Variable-Height 180° Finish Post is specified to match the lowest panel height. The -V2L option is needed to accommodate the two low panels in this 3-Way, 180° panel condition. The -V2L option Finish Post top cap has two tabs on adjacent sides to align with the Top Caps on the two adjacent low panels in an "L" condition.

Two Low Panels in an "L" Condition

Top Cap Detail

Plan View

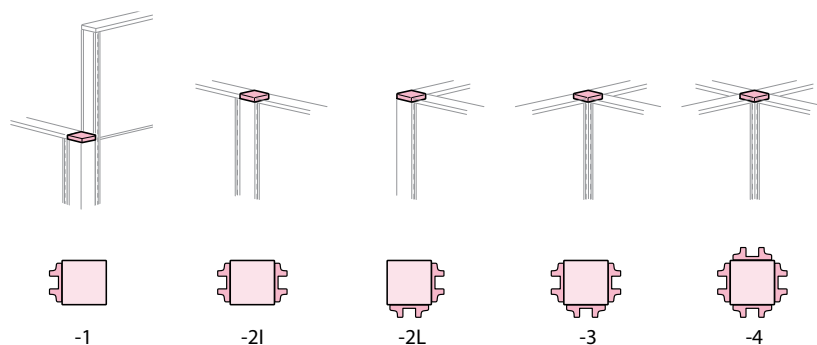


Note Both low panels must be the same height.

90° Top Cap Trim (E2CC-90-_)

- Includes Square Painted Top Cap for 2-Way, 3-Way, and 4-Way 90° and 180° panel intersections
- Available in standard or metallic trim colors

A single Square Painted Top Cap is available for 90° and 180°, 2-Way, 3-Way, or 4-Way panel conditions. As mentioned previously Top Caps have alignment tabs on one or more sides. The Catalog Logic reflects the quantity and orientation of tabs on the top cap. Specification of the top cap is dependent upon specific product applications. Alignment tabs are for dedicated applications and are not field removable.



Tip For applications using a separately specified single top cap, refer to the following pages for application guidelines.

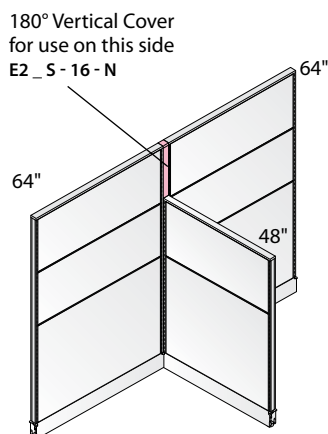
Finish Post Specification Guidelines: UniGroup Too

180° Vertical Cover Only (E2 _ S - _ _ - N)

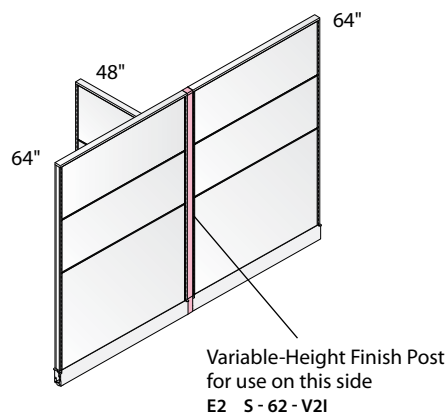
- Available with fabric or painted surface in standard or metallic trim colors

In the application on the left a 62" High Variable-Height 180° Finish Post -V2I option is specified to match the highest panels for "Side Two". The -V2I option is needed to accommodate the two like panel heights which is the tallest panel height in this application. The -V2I option Finish Post top cap has two alignment tabs on opposite sides to align with the Top Caps of the two like panel heights in a straight "I" condition. A 16" High Vertical Cover is separately specified to fill the gap on "Side One" between the two panel heights.

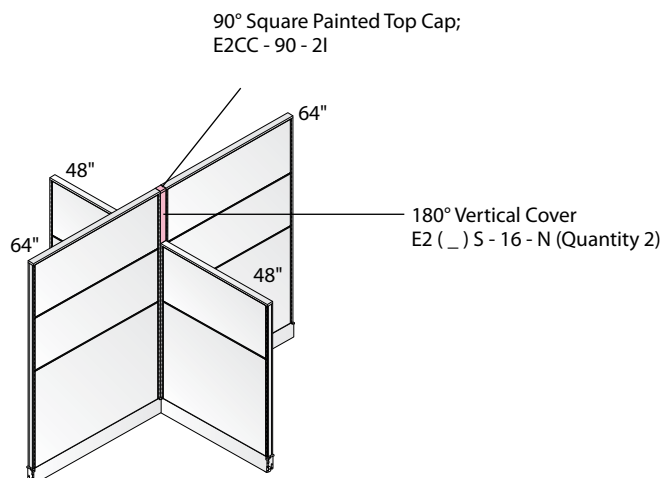
Side One



Side Two



In the 4-Way application on the left two 16" High Vertical Covers are needed to fill the gap between the two panel heights on both sides of the application. Separately specify an additional 90° top cap, for this 4-Way application.



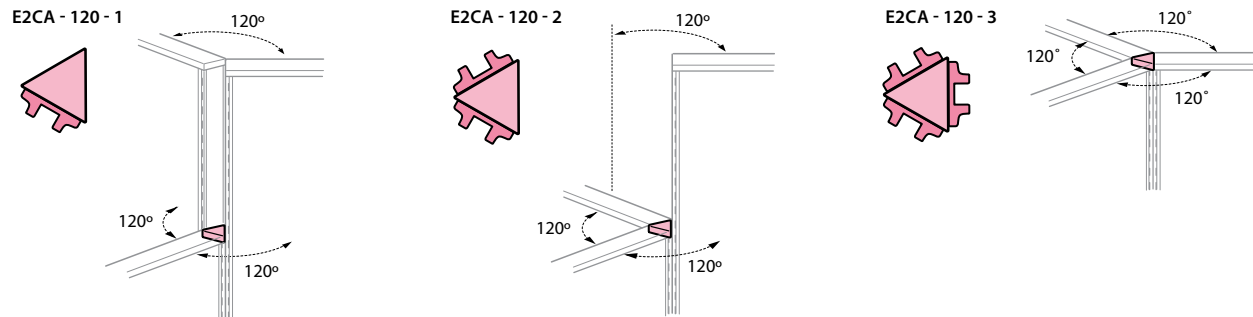
Note 180° Vertical Cover only is used to finish the exposed area between panel heights, usually in a 3-Way or 4-Way condition. Always used with an additional Finish Post or 90° Square Painted Top Cap for 2-Way, 3-Way, and 4-Way applications.

Finish Post Specification Guidelines: UniGroup Too

120° Top Cap Trim for 2-Way or 3-Way (E2CA - 120 - _)

- Includes Square Painted Top Cap for 2-Way or 3-Way 120° panel intersection
 - Standard with Square Painted Top Cap
 - Available in standard or metallic trim colors

A single top cap is available for 120° 2-Way or 3-Way panel conditions. Top caps have alignment tabs on one, two, or three sides. Specification of the top cap is dependent upon specific product applications, because alignment tabs are for dedicated applications and are not field removable. The Catalog Logic reflects the quantity of alignment tabs on the top cap.



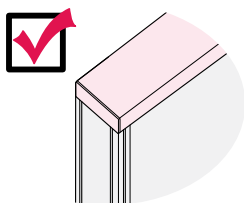
- Tips**
- This application may not be used in conjunction with a 180° vertical cover to finish the exposed area between panel heights.
 - The last digit of the Catalog Logic reflects the number of alignment tabs on each 120° Finish Post Top Cap.

Top Cap End Plug: UniGroup Too

UniGroup Too panels with Square Painted Top Caps have exposed interiors on both Top Cap ends. The exposed end of the Square Painted Top Cap is concealed through the use of a Top Cap End Plug. When a UniGroup Too panel with Square Painted Top Caps is specified, each panel will automatically ship with 0.6 Top Cap End Plugs per panel.

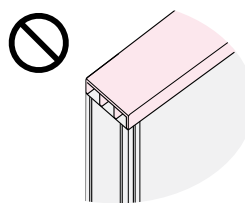
Panel configurations and applications will determine how many Top Cap End Plugs will be needed for an installation and it is possible additional Top Cap End Plugs will need to be specified. Specifiers are responsible for determining how many Top Cap End Plugs will be required and the following pages illustrate how to calculate how many Top Cap End Plugs to order per your application

UniGroup Too Square Painted Top Cap with a Top Cap End Plug



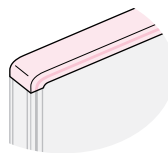
This would be a desired aesthetic for an exposed end of a UniGroup Too panel.

UniGroup Too Square Painted Top Cap without a Top Cap End Plug

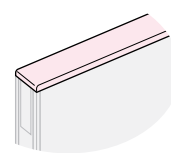


This would not be a recommended aesthetic for an end of a UniGroup Too panel. Without a UniGroup Too Top Cap End Plug the interior of the panel construction is revealed, displaying an unfinished aesthetic.

Note UniGroup and PLACES do not feature a top cap end plug due to the nature of the top cap construction. UniGroup and PLACES Top Caps enclose the interior panel construction.

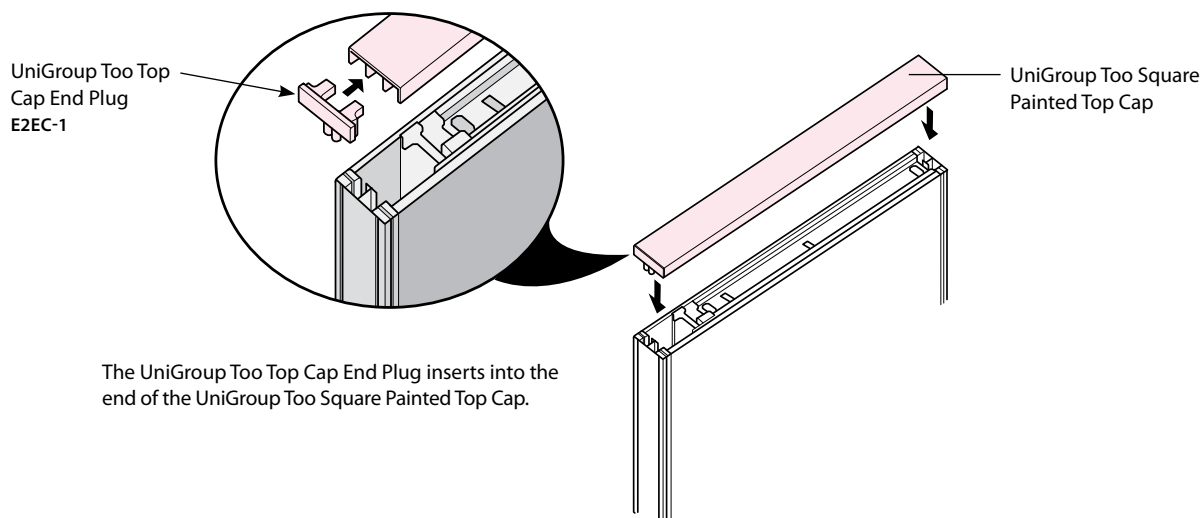


UniGroup Radius Top Cap



PLACES Low Profile Top Cap

Understanding Installation of UniGroup Too Top Cap End Plug



Tip Top Cap End Plugs are only utilized for the UniGroup Too product line due to the aesthetic nature and construction of the UniGroup Too top cap.

Top Cap End Plug: UniGroup Too

Calculating Quantities

Application floor plans must be reviewed in order to determine whether or not there will be enough Top Cap End Plugs to prevent exposing the internal UniGroup Too panel construction. The following pages present the necessary formulas and show examples of how to calculate the number of Top Cap End Plugs in applications. Whether or not there will be either an overage or shortage of Top Cap End Plugs will depend on the floor plan, return panel heights, and specification of Finish Posts and 90° Top Cap Trim for 4-Way Conditions. It is the specifier's responsibility to make sure the desired aesthetic is achieved and an adequate number of Top Cap End Plugs are available for the installation.

Step One: Determine How Many Top Cap End Plugs Included with the Order

- Count the number of panels in the floor plan and multiple the number by 0.6.

$$\left(\begin{array}{c} \text{Number of Panels} \\ \text{in the Floor Plan} \end{array} \right) \times 0.6 = \left(\begin{array}{c} \text{Number of Top Cap End} \\ \text{Plugs Included with Order} \end{array} \right)$$

Sum: Step One

Note Total number of Top Cap End Plugs received will always be rounded up to the next whole number. For example, if the formula indicates 16.8 Top Cap End Plugs, 17 will actually ship with the order.

Step Two: Determine How Many Additional Top Cap End Plugs are Needed for the Floor Plan

Review the actual floor plan and panel applications to:

- Determine **where** Top Cap End Panels are needed.
- Determine **how many** Top Cap End Plugs are needed.
- Take the total number of Top Cap End Plugs included with the order (Sum: Step One), then subtract the number of Top Cap End Plugs needed for the floor plan. This sum will tell the specifier if enough (or extra) plugs will ship with the order, or if additional plugs are needed for the floor plan.

$$\left(\begin{array}{c} \text{Number of Top Cap End} \\ \text{Plugs Included with Order} \end{array} \right) - \left(\begin{array}{c} \text{Number of Top Cap} \\ \text{End Plugs Needed} \\ \text{for the Floor Plan} \end{array} \right) = \left(\begin{array}{c} \text{Number of Top Cap End Plugs} \\ \text{Needed, or Number of Extra Top} \\ \text{Cap End Plugs, for Floor Plan.} \end{array} \right)$$

Sum: Step One **Sum: Step Two**

Note In the formula, if the Top Cap End Plug sum for the floor plan is positive (+) — there will be extra Top Cap End Plugs. If the sum is negative (-), there will be a shortage of Top Cap End Plugs and the sum indicates how many additional plugs need to be separately specified.

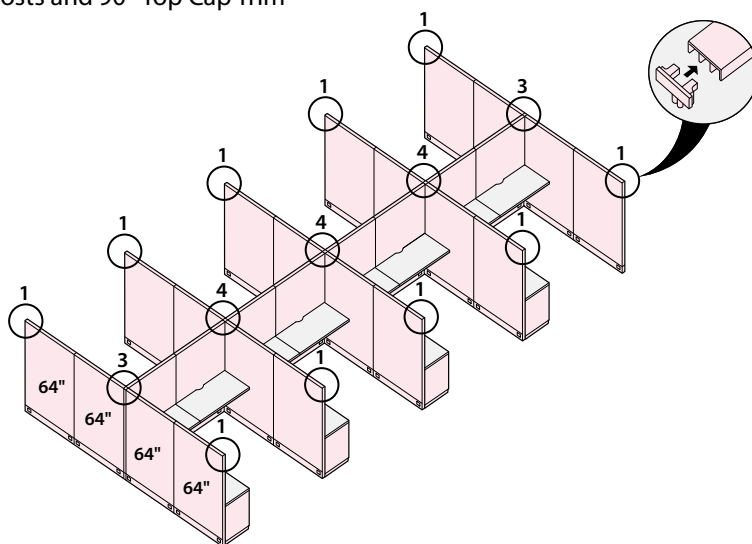
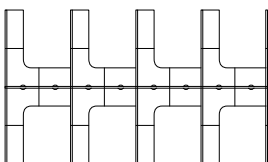
Tips

- 0.6 Top Cap End Plugs are included with each UniGroup Too panel.
- Top Cap End Plugs are only needed for UniGroup Too Square Painted Top Caps.

Top Cap End Plug: UniGroup Too

Calculating Quantities Example A: Workstation Cluster

- Eight Workstations without Finish Posts and 90° Top Cap Trim
- 8' x 8' Typical
- All 64" H Panels

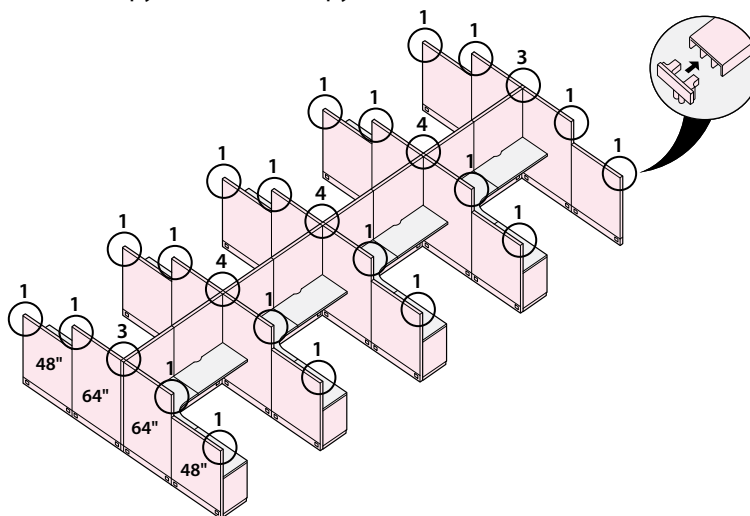
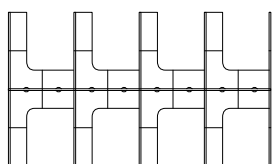


Step One: $28 \times 0.6 = 16.8$ (round up to 17)

Step Two: $17 - 28 = -11$ (shortage; order 11 additional Top Cap End Plugs)

Calculating Quantities Example B: Workstation Cluster

- Eight Workstations without Finish Posts and 90° Top Cap Trim
- 8' x 8' Typical
- 64" H Panel Spine with Return Panels of 64" H (qty: 1) and 48" H (qty: 1)



Step One: $28 \times 0.6 = 16.8$ (round up to 17)

Step Two: $17 - 38 = -21$ (shortage; order 21 additional Top Cap End Plugs)

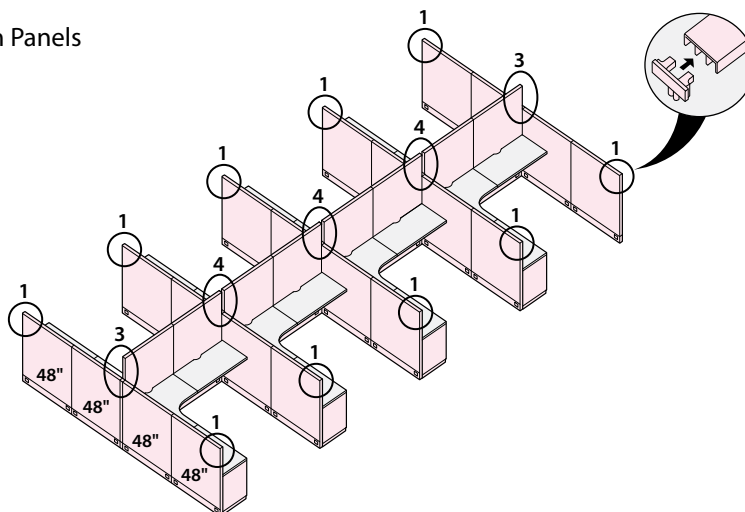
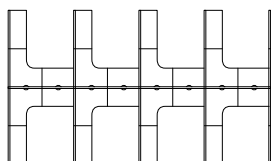
Note  Number shown indicates number of Top Cap End Plugs needed in location circled.

- Tips**
- 0.6 Top Cap End Plugs are included with each panel.
 - Top Cap End Plugs are only needed for UniGroup Too Square Painted Top Caps.
 - In 4-Way conditions, the 4-Way 90° Top Cap trim could be specified as an option to Examples A, B, and C. The specification of this part would impact the total number of Top Cap End Plugs needed on an order.

Top Cap End Plug: UniGroup Too

Calculating Quantities Example C: Workstation Cluster

- Eight Workstations without Finish Posts and 90° Top Cap Trim
- 8' x 8' Typical
- 64" H Panel Spine with 48" H Return Panels

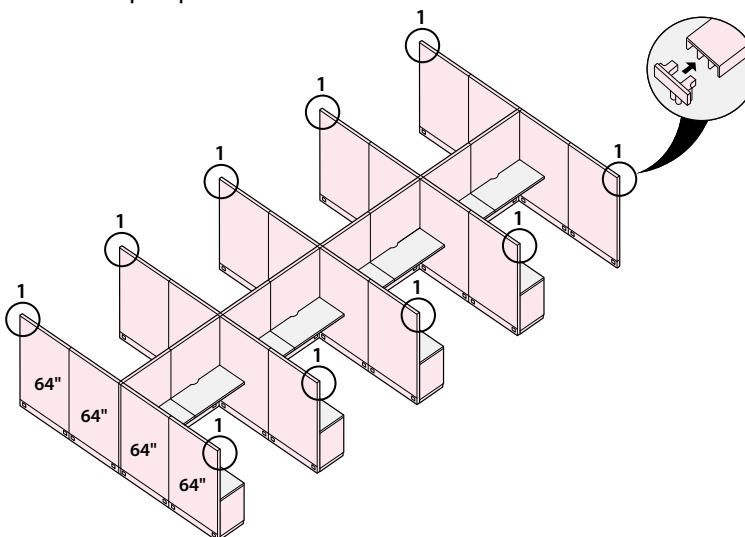
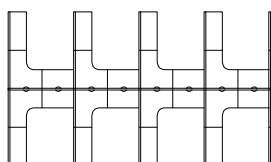


Step One: $28 \times 0.6 = 16.8$ (round up to 17)

Step Two: $17 - 28 = -11$ (shortage; order 11 additional Top Cap End Plugs)

Calculating Quantities Example D: Workstation Cluster

- Eight Workstations with Finish Posts and 90° Top Cap Trim
- 8' x 8' Typical
- All Panels 64" H



Step One: $28 \times 0.6 = 16.8$ (round up to 17)

Step Two: $17 - 10 = 7$ (overage; there will be 7 extra Top Cap End Plugs)

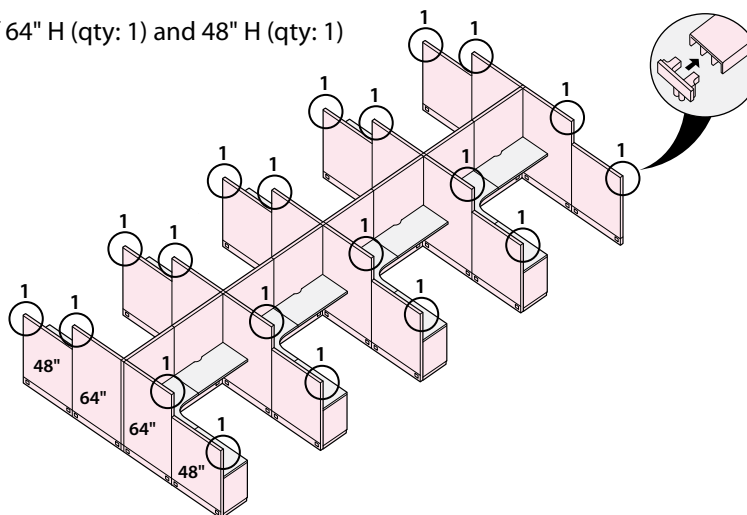
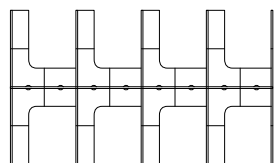
Note  Number shown indicates number of Top Cap End Plugs needed in location circled.

- Tips**
- 0.6 Top Cap End Plugs are included with each panel.
 - Top Cap End Plugs are only needed for UniGroup Too Square Painted Top Caps.
 - In 4-Way conditions, the 4-Way 90° Top Cap trim could be specified as an option to Examples A, B, and C. The specification of this part would impact the total number of Top Cap End Plugs needed on an order.

Top Cap End Plug: UniGroup Too

Calculating Quantities Example E: Workstation Cluster

- Eight Workstations with Finish Posts and 90° Top Cap Trim
- 8' x 8' Typical
- 64" H Panel Spine with Return Panels of 64" H (qty: 1) and 48" H (qty: 1)

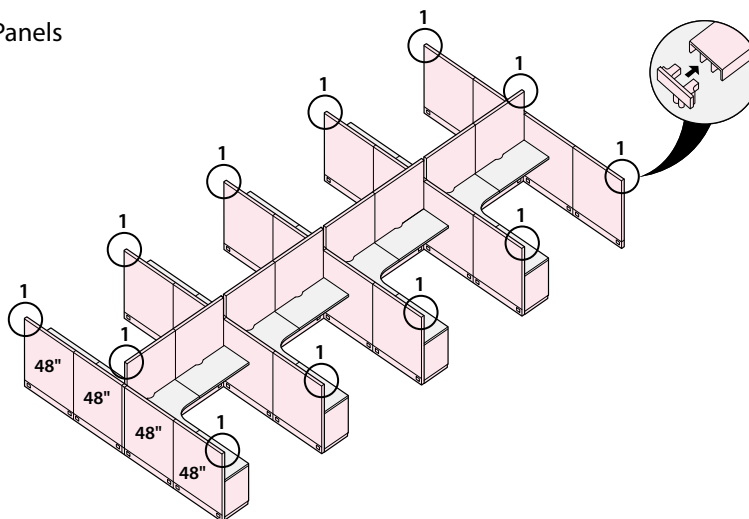
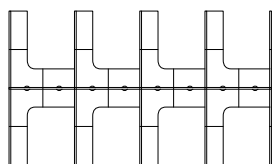


Step One: $28 \times 0.6 = 16.8$ (round up to 17)

Step Two: $17 - 20 = -3$ (shortage; order 11 additional Top Cap End Plugs)

Calculating Quantities Example F: Workstation Cluster

- Eight Workstations with Finish Posts and 90° Top Cap Trim
- 8' x 8' Typical
- 64" H Panel Spine with 48" H Return Panels



Step One: $28 \times 0.6 = 16.8$ (round up to 17)

Step Two: $17 - 12 = 5$ (overage; there will be 5 extra Top Cap End Plugs)

Note  Number shown indicates number of Top Cap End Plugs needed in location circled.

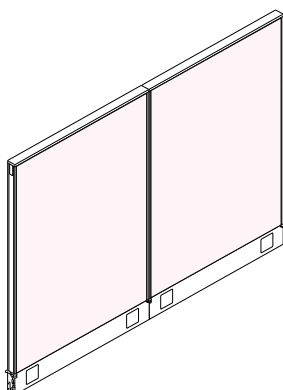
Tips

- 0.6 Top Cap End Plugs are included with each panel.
- Top Cap End Plugs are only needed for UniGroup Too Square Painted Top Caps.
- In 4-Way conditions, the 4-Way 90° Top Cap trim could be specified as an option to Examples A, B, and C. The specification of this part would impact the total number of Top Cap End Plugs needed on an order.

Finish Post Specification Guidelines: UniGroup and PLACES

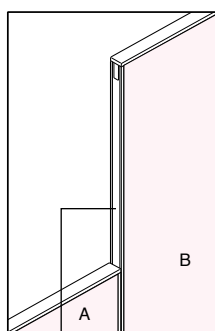
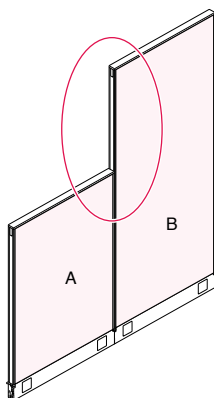
Steel Top Caps

In-Line Panel Applications



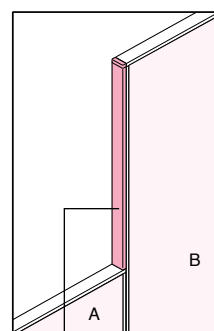
- UniGroup Radius Steel Top Cap: Same height panels, no additional trim is required; included with panels.
- PLACES Low Profile Steel Top Cap: Same height panels, no additional trim is required; included with panels.

Option 1:



Exposed Side Trim Rail

Option 2: PLACES Low Profile Steel Top Cap



End-of-Run Finish Post, Field Cut
HPER - 00 __

- UniGroup Radius Steel Top Cap: Finished aesthetic will include exposed side trim rail.
- PLACES Low Profile Steel Top Cap (two specification options available):
 - Option 1: No additional trim is required. Finished aesthetic will include exposed side trim rail.
 - Option 2: Specify End-of-Run Finish Post, field cut, for exposed side trim rail from "A" to "B". (HPER - 00 __)

Tip

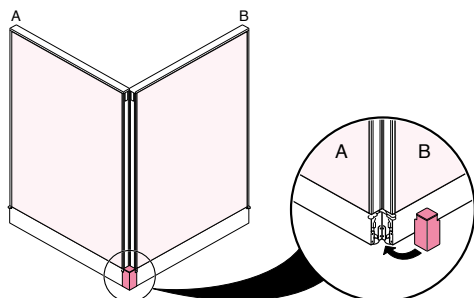
- UniGroup does not have End-of-Run Finish Posts for Radius Steel Top Cap available in the Panel Accessories Statement of Line.
- No additional trim is required.

Finish Post Specification Guidelines: UniGroup and PLACES

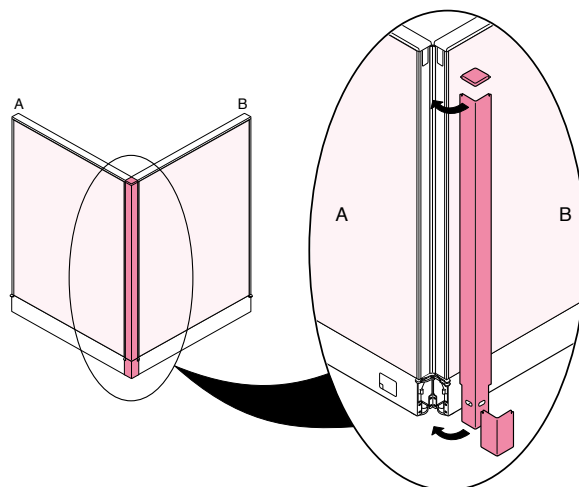
Steel Top Caps

2-Way/90° Panel Applications: Same Height Panels

Option 1:



Option 2:



UniGroup Radius Steel Top Cap:

- Option 1: No additional trim is required for non-powered panels. Specify 90° Power Connector Cover for powered panels conditions (PCC - 90 - B).
- Option 2: Same height panels, specify 90° Finish Post the same height as panels.
 - Radius Steel Top Cap/Fabric Surface (FPFC - __ - B) **or**
 - Radius Steel Top Cap/Painted Surface (FPPC - __ - B)

PLACES Low Profile Steel Top Cap:

- Option 1: No additional trim required for non-powered panels. Specify 90° Power Connector Cover for powered panel (PCC - 90 - B).
- Option 2: Same height panels, specify 90° Finish Post same height as panels.
 - Low Profile Steel Top Cap/Fabric Surface (HFPC - 00 __) **or**
 - Low Profile Steel Top Cap/Painted Surface (HDPC - 00 __)



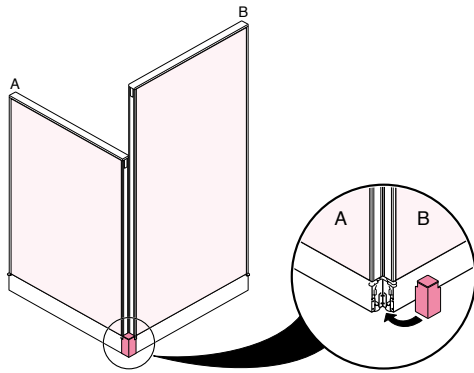
UniGroup and PLACES have two options available for this 90° panel application.

Finish Post Specification Guidelines: UniGroup and PLACES

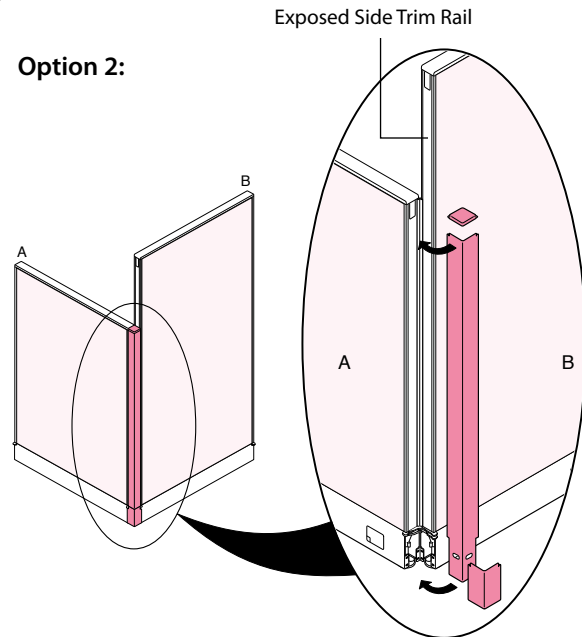
Steel Top Caps

2-Way/90° Panel Applications: Different Height Panels

Option 1:



Option 2:



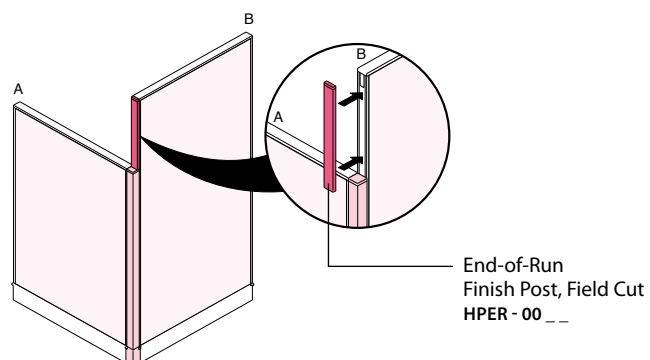
UniGroup Radius Steel Top Cap:

- Option 1: No additional trim required for non-powered panels. Specify 90° Power Connector Cover for powered panels. (PCC - 90 - B)
- Option 2: Specify 90° Finish Post to match the height of panel "A".
 - Radius Steel Top Cap/Fabric Surface (FPFC - __ - B) **or**
 - Radius Steel Top Cap/Painted Surface (FPPC - __ - B)

PLACES Low Profile Steel Top Cap:

- Option 1: No additional trim required for non-powered panels. Specify 90° Power Connector Cover for powered panels. (PCC - 90 - B)
- Option 2: Specify 90° Finish Post to match the height of panel "A".
 - Low Profile Steel Top Cap/Fabric Surface (HFPC - 00 __) **or**
 - Low Profile Steel Top Cap/Painted Surface (HDPC - 00 __)
- Option 3: Specify 90° Finish Post to match the height of panel "A". To finish panel side trim rail from panel "B" to panel "A" specify End-of-Run Finish Post field cut to fit.
 - Low Profile Steel Top Cap/Fabric Surface (FPC - 00 __) **or**
 - Low Profile Steel Top Cap/Painted Surface (HDPC - 00 __), **and**
 - Low Profile Steel Top Cap/Fabric Surface (HPER - 00 __)

Option 3: PLACES Low Profile Steel Top Cap:



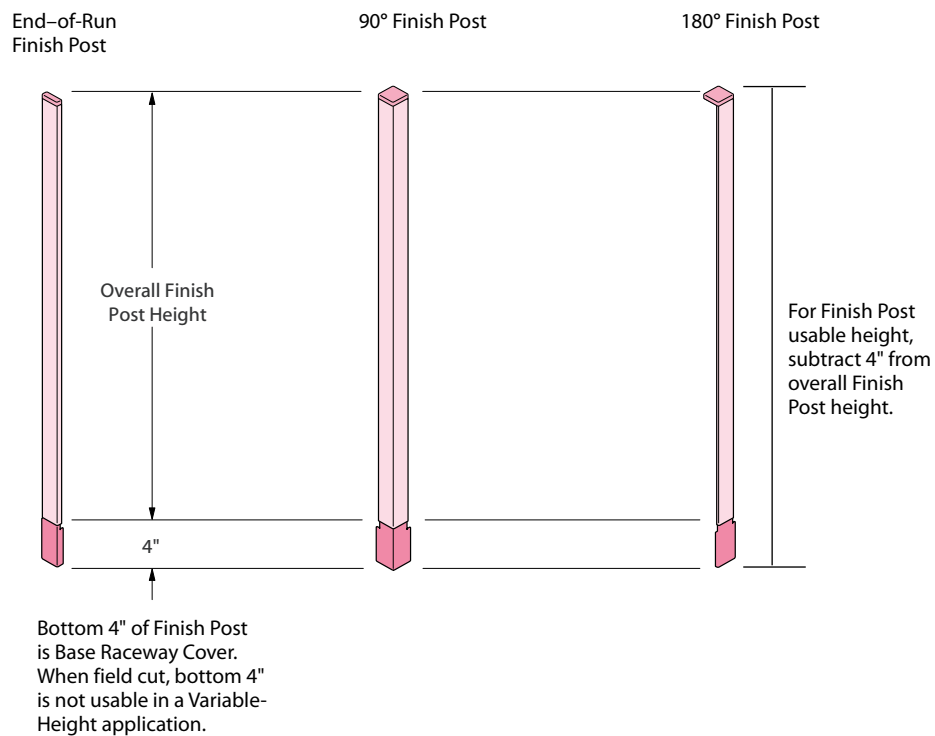
Tips

- UniGroup does not have End-of-Run Finish Posts for Radius Steel Top Cap available in the Panel Accessories Statement of Line. Available in PLACES Low Profile Steel Top Cap Only.
- Reference following page for usable height of a Finish Post when field cutting.

Finish Post Specification Guidelines: UniGroup and PLACES

When specifying Finish Posts for UniGroup and PLACES, it is necessary in certain conditions to field modify a Finish Post because not every condition offers an exact height match Variable-Height Finish Post that is needed.

In field modified applications the bottom 4" of the Finish Post cannot be used due to the 4" high base raceway that exists at the bottom of the Finish Post.

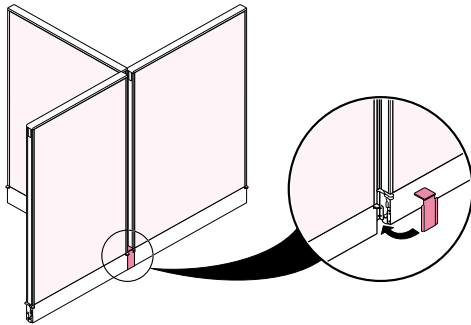


Finish Post Specification Guidelines: UniGroup and PLACES

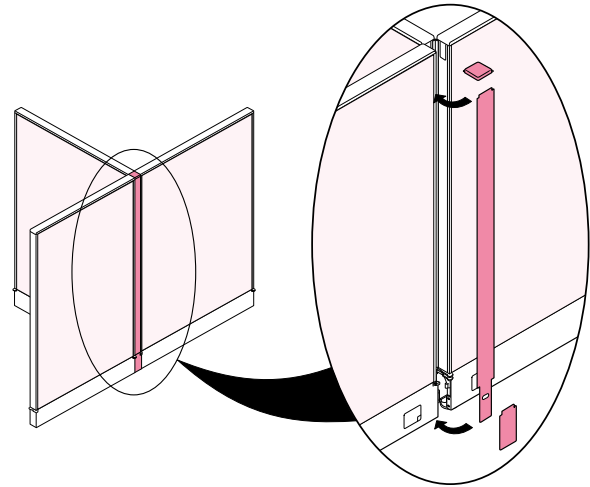
Steel Top Caps

3-Way/180° Panel Applications: Same Height Panels

Option 1:



Option 2:



UniGroup Radius Steel Top Cap:

- Option 1: No additional trim required for non-powered panels. Specify 180° Power Connector Cover for powered panels. (PCC - 180 - B)
- Option 2: Specify 180° Finish Post to match the height of panel "A".
 - Radius Steel Top Cap/Fabric Surface (FPFS - __ - B) **or**
 - Radius Steel Top Cap/Painted Surface (FPPS - __ - B)

PLACES Low Profile Steel Top Cap:

- Option 1: No additional trim required for non-powered panels. Specify 180° Power Connector Cover for powered panels. (PCC - 180 - B)
- Option 2: Specify 180° Finish Post to match the height of panel "A".
 - Low Profile Steel Top Cap/Fabric Surface (HFPS - 00 __) **or**
 - Low Profile Steel Top Cap/Painted Surface (HDPS - 00 __)



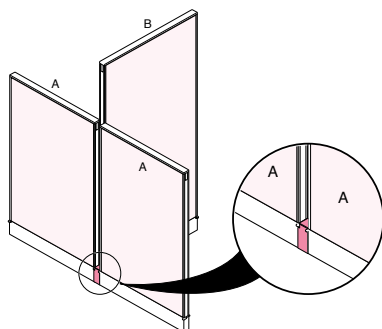
No additional trim required for non-powered panels.

Finish Post Specification Guidelines: UniGroup and PLACES

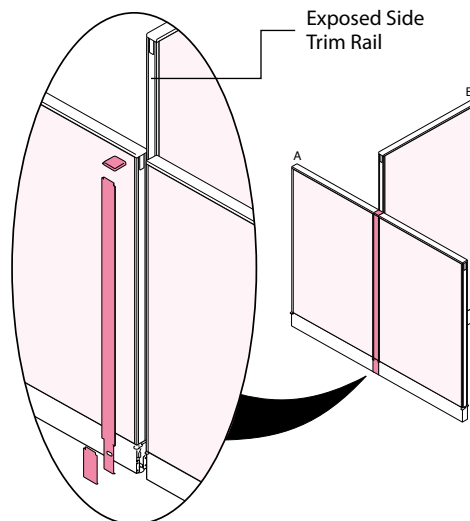
Steel Top Caps

3-Way/180° Panel Applications: Different Height Panels

Option 1:



Option 2:



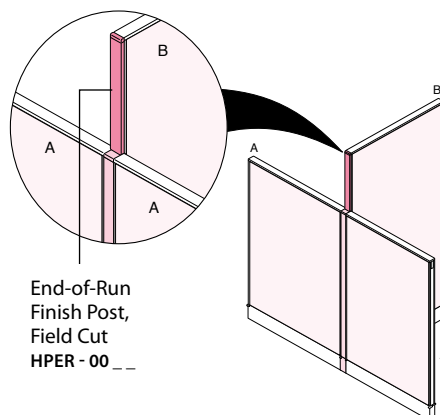
UniGroup Radius Steel Top Cap:

- Option 1: No additional trim required for non-powered panels. Specify 180° Power Connector Cover for powered panels. (PCC - 180 - B)
- Option 2: Specify 180° Finish Post to match the height of panel "A". Leave side trim rail on "B" exposed.
 - Radius Steel Top Cap/Fabric Surface (FPFS - __ - B) **or**
 - Radius Steel Top Cap/Painted Surface (FPPS - __ - B)

PLACES Low Profile Steel Top Cap:

- Option 1: No additional trim required for non-powered panels. Specify 180° Power Connector Cover for powered panels. (PCC - 180 - B)
- Option 2: Specify 180° Finish Post to match the height of panel "A". Leave side trim rail on "B" exposed.
 - Low Profile Steel Top Cap/Fabric Surface (HFPS - 00 __) **or**
 - Low Profile Steel Top Cap/Painted Surface (HDPS - 00 __)
- Option 3: Specify 180° Finish Post to match the height of panel "A" and End-of-Run Finish Post, field cut to match the height from "A" to "B".
 - Low Profile Steel Top Cap/Painted Surface (HDPS - 00 __) **and**
 - Low Profile Steel Top Cap/Fabric Surface (HPER - 00 __)

Option 3: PLACES Low Profile Steel Top Cap:



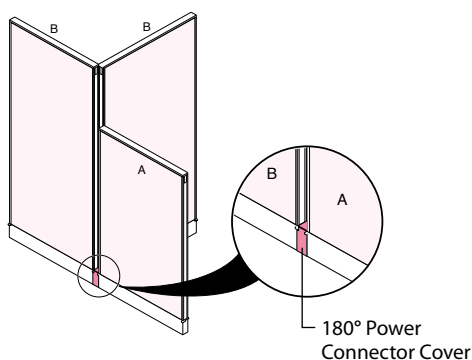
UniGroup does not have End-of-Run Finish Posts for Radius Steel Top Cap available in the Panel Accessories Statement of Line. Available in PLACES Low Profile Steel Top Cap Only.

Finish Post Specification Guidelines: UniGroup and PLACES

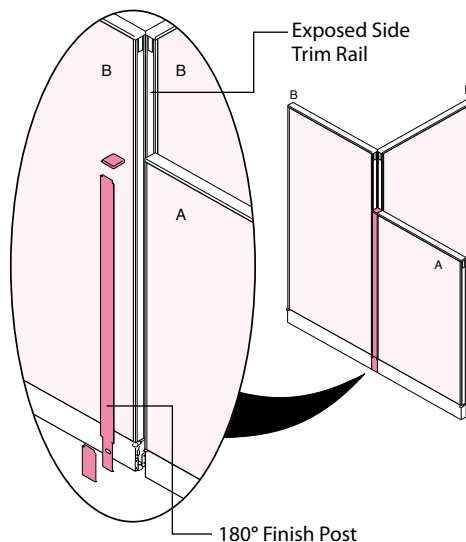
Steel Top Caps

3-Way/180° Panel Applications: Different Height Panels

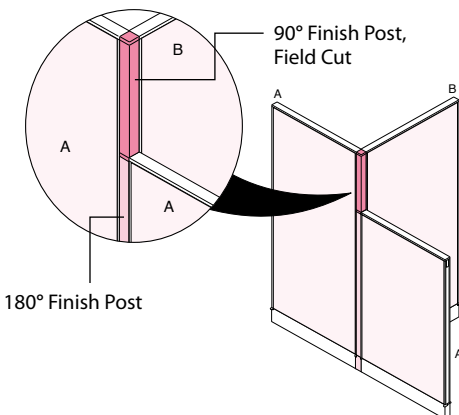
Option 1:



Option 2:



Option 3:



UniGroup Radius Steel Top Cap:

- Option 1: No additional trim required for non-powered panels. Specify 180° Power Connector Cover for powered panels. (PCC - 180 - B)
- Option 2: Specify 180° Finish Post to match the height of panel "A".
 - Radius Steel Top Cap/Fabric Surface (FPFS - __ - B) **or**
 - Radius Steel Top Cap/Painted Surface (FPPS - __ - B)
- Option 3: Specify 180° Finish Post to match the height of panel "A" and 90° Finish Post to match the distance between "A" and "B", field cut to fit.
 - Radius Steel Top Cap/Fabric Surface (FPFS - __ - B) **or**
 - Radius Steel Top Cap/Painted Surface (FPPS - __ - B) **and** Radius Steel Top Cap/Fabric Surface (FPFC - __ - B) **or**
 - Radius Steel Top Cap/Painted Surface (FPPC - __ - B)

PLACES Low Profile Steel Top Cap:

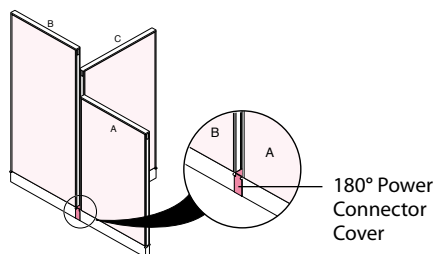
- Option 1: No additional trim required for non-powered panels. Specify 180° Power Connector Cover for powered panels. (PCC - 180 - B)
- Option 2: Specify 180° Finish Post to match the height of panel "A".
 - Low Profile Steel Top Cap/Fabric Surface (HFPS - 00 __) **or**
 - Low Profile Steel Top Cap/Painted Surface (HDPS - 00 __)
- Option 3: Specify 180° Finish Post to match the height of panel "A" and 90° Finish Post to match the distance between "A" and "B", field cut to fit.
 - Low Profile Steel Top Cap/Fabric Surface (HFPS - 00 __) **or**
 - Low Profile Steel Top Cap/Painted Surface (HDPS - 00 __) **and**
 - Low Profile Steel Top Cap/Fabric Surface (HFPC - 00 __) **or**
 - Low Profile Steel Top Cap/Painted Surface (HDPC - 00 __)

Finish Post Specification Guidelines: UniGroup and PLACES

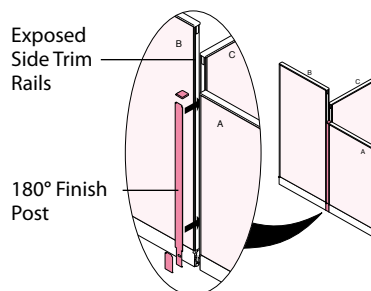
Steel Top Caps

3-Way/180° Panel Applications: Different Height Panels

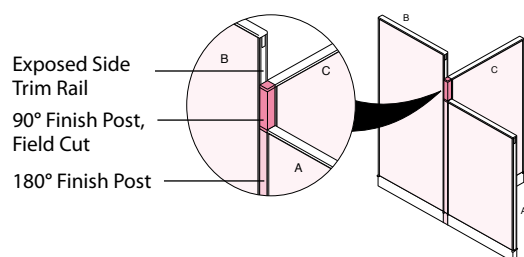
Option 1:



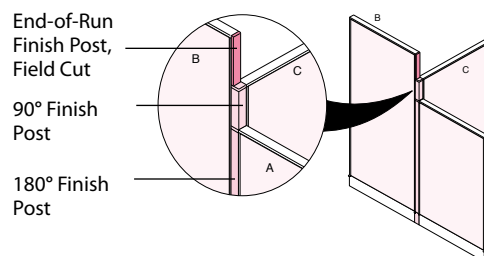
Option 2:



Option 3:



Option 4: PLACES Low Profile Steel Top Cap:



UniGroup Radius Steel Top Cap:

- Option 1: No additional trim required for non-powered panels. Specify 180° Power Connector Cover for powered panels. (PCC - 180 - B)
- Option 2: Specify 180° Finish Post to match the height of panel "A".
 - Radius Steel Top Cap/Fabric Surface (FPFS - __ - B) **or** Radius Steel Top Cap/Painted Surface (FPPS - __ - B)
- Option 3: Specify 180° Finish Post to match the height of panel "A", 90° Finish Post to match the panel height difference from "A" to "C" and leave side trim rail exposed from "C" to "B".
 - Radius Steel Top Cap/Fabric Surface (FPFS - __ - B) **or** Radius Steel Top Cap/Painted Surface (FPPS - __ - B) **and**
 - Radius Steel Top Cap/Fabric Surface (FPFC - __ - B) **or** Radius Steel Top Cap/Painted Surface (FPPC - __ - B)

PLACES Low Profile Steel Top Cap:

- Option 1: No additional trim required for non-powered panels. Specify 180° Power Connector Cover for powered panels. (PCC - 180 - B)
- Option 2: Specify 180° Finish Post to match the height of panel "A". Leave side trim rails exposed from "A" to "C" and from "A" to "B".
 - Low Profile Steel Top Cap/Fabric Surface (HFPS - 00 __) **or**
 - Low Profile Steel Top Cap/Painted Surface (HDPS - 00 __)
- Option 3: Specify 180° Finish Post to match the height of panel "A" and 90° Finish Post to match the distance between "A" and "B", field cut to fit.
 - Low Profile Steel Top Cap/Fabric Surface (HFPS - 00 __) **or**
 - Low Profile Steel Top Cap/Painted Surface (HDPS - 00 __) **and**
 - Low Profile Steel Top Cap/Fabric Surface (HFPC - 00 __) **or**
 - Low Profile Steel Top Cap/Painted Surface (HDPC - 00 __)
- Option 4: Specify 180° Finish Post to match the height of panel "A", 90° Finish Post to match the panel height difference from "A" to "C" and an End-of-Run Finish Post, field cut, to match the height difference from "C" to "B".
 - Low Profile Steel Top Cap/Fabric Surface (HFPS - 00 __) **or**
 - Low Profile Steel Top Cap/Painted Surface (HDPS - 00 __) **and**
 - Low Profile Steel Top Cap/Fabric Surface (HFPC - 00 __) **or**
 - Low Profile Steel Top Cap/Painted Surface (HDPC - 00 __) **and**
 - Low Profile Steel Top Cap/Painted Surface (HPER - 00 __)



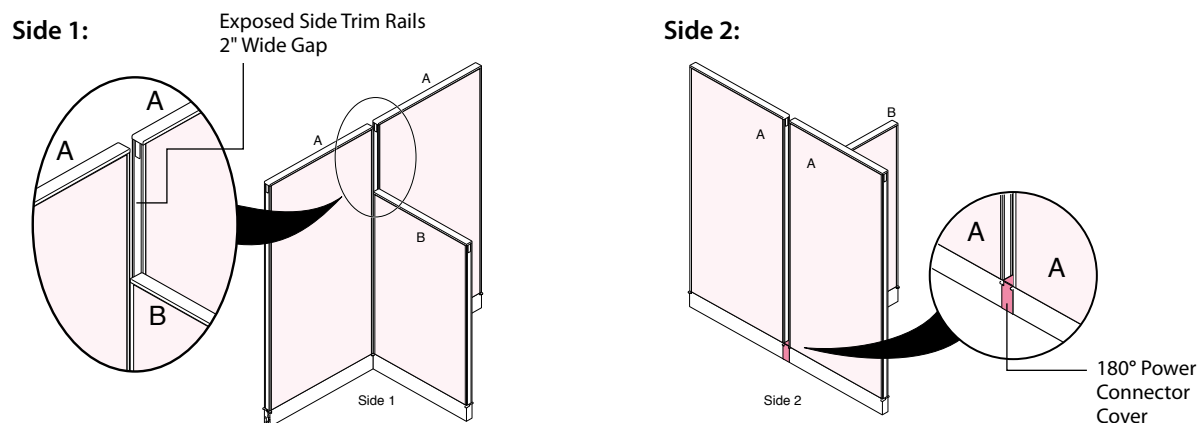
UniGroup does not have End-of-Run Finish Posts for Radius Steel Top Cap available in the Panel Accessories Statement of Line. Available in PLACES Low Profile Steel Top Cap Only.

Finish Post Specification Guidelines: UniGroup and PLACES

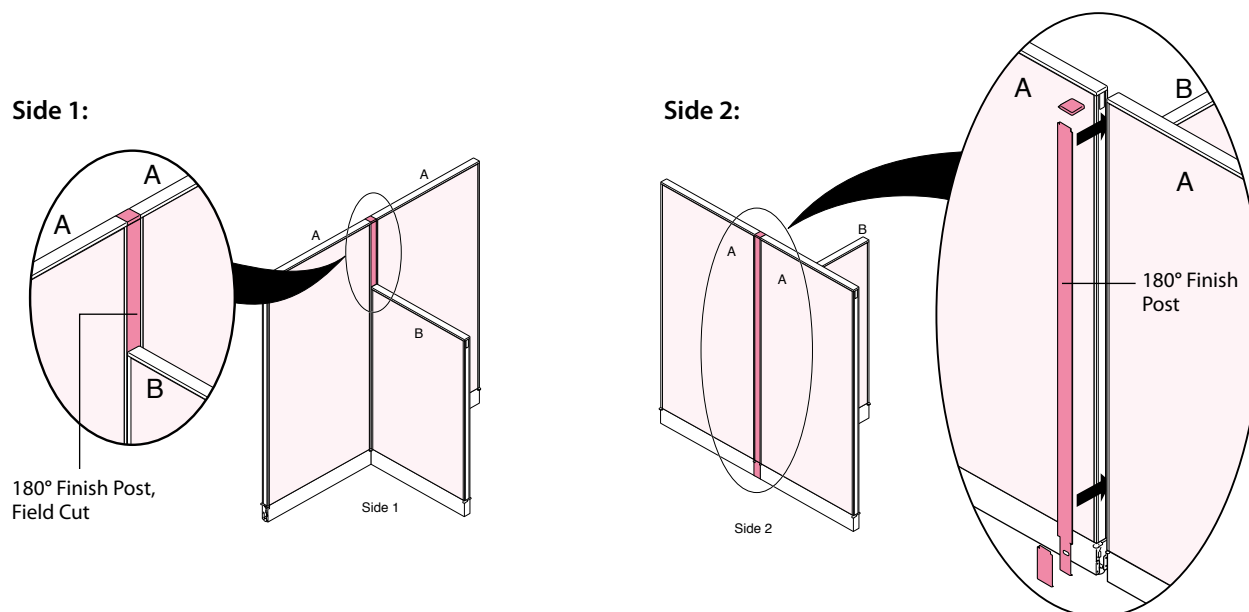
Steel Top Caps

3-Way/180° Panel Applications: Different Height Panels

Option 1:



Option 2:



UniGroup Radius Steel Top Cap:

- Option 1: No additional trim required for non-powered panels. Specify 180° Power Connector Cover for powered panels. (PCC - 180 - B)
- Option 2: Specify one 180° Finish Post to match the height of panel "A" and on Side 2 specify one 180° Finish Post, field cut, to match the height from "B" to "A".
 - Radius Steel Top Cap/Fabric Surface (Qty. 2 – FPFS - __ - B) **or**
 - Radius Steel Top Cap/Painted Surface (FPFS - __ - B)

PLACES Low Profile Steel Top Cap:

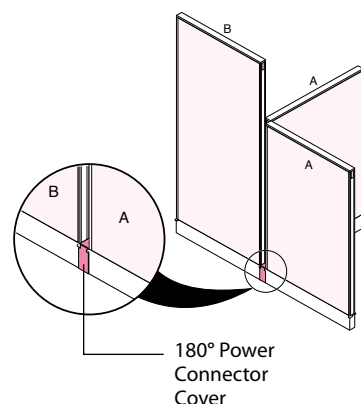
- Option 1: No additional trim required for non-powered panels. Specify 180° Power Connector Cover for powered panels. (PCC - 180 - B)
- Option 2: Specify one 180° Finish Post to match the height of panel "A" and on Side 2 specify one 180° Finish Post, field cut, to match the height from "B" to "A".
 - Low Profile Steel Top Cap/Fabric Surface (Qty. 2 – HFPS - 00 __) **or**
 - Low Profile Steel Top Cap/Painted Surface (HDPS - 00 __)

Finish Post Specification Guidelines: UniGroup and PLACES

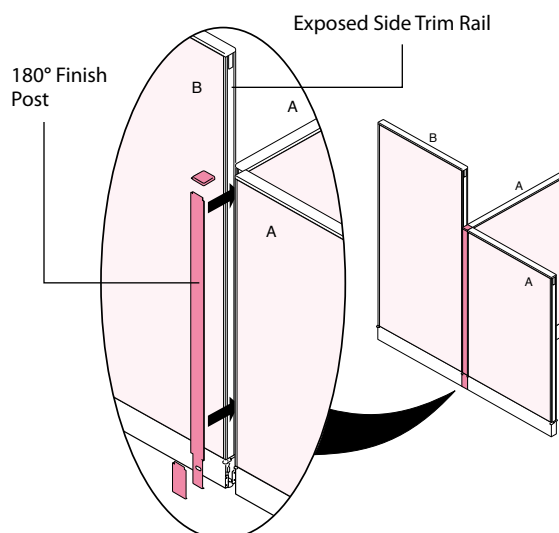
Steel Top Caps

3-Way/180° Panel Applications: Different Height Panels

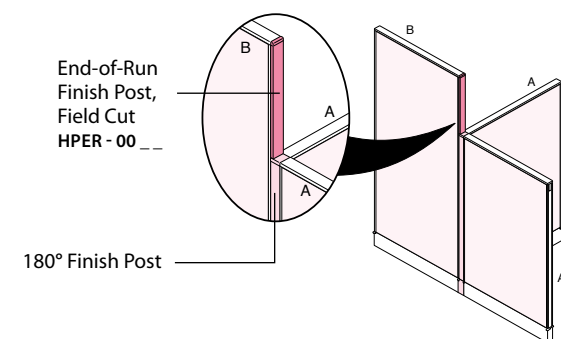
Option 1:



Option 2:



Option 3: PLACES Low Profile Steel Top Cap:



UniGroup Radius Steel Top Cap:

- Option 1: No additional trim required for non-powered panels. Specify 180° Power Connector Cover for powered panels. (PCC - 180 - B)
- Option 2: Specify 180° Finish Post to match the height of panel "A". Leave side trim rail on "B" exposed.
 - Radius Steel Top Cap/Fabric Surface (FPFS - __ - B) **or**
 - Radius Steel Top Cap/Painted Surface (FPPS - __ - B)

PLACES Low Profile Steel Top Cap:

- Option 1: No additional trim required for non-powered panels. Specify 180° Power Connector Cover for powered panels. (PCC - 180 - B)
- Option 2: Specify 180° Finish Post to match the height of panel "A". Leave side trim rail on "B" exposed.
 - Low Profile Steel Top Cap/Fabric Surface (HFPS - 00 __) **or**
 - Low Profile Steel Top Cap/Painted Surface (HDPS - 00 __)
- Option 3: Specify 180° Finish Post to match the height of panel "A" and End-of-Run Finish Post, field cut to cover exposed side trim rail from "A" to "B".
 - Low Profile Steel Top Cap/Fabric Surface (HFPS - 00 __) **or**
 - Low Profile Steel Top Cap/Painted Surface (HDPS - 00 __) **and**
 - Low Profile Steel Top Cap/Fabric Surface (HPER - 00 __)



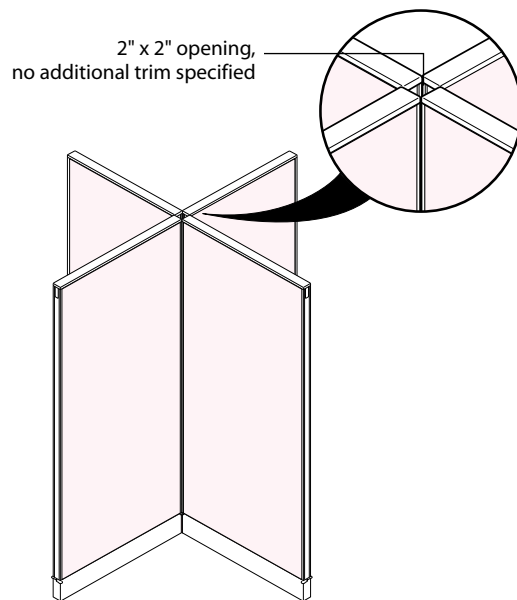
UniGroup does not have End-of-Run Finish Posts for Radius Steel Top Cap available in the Panel Accessories Statement of Line. Available in PLACES Low Profile Steel Top Cap Only.

Finish Post Specification Guidelines: UniGroup and PLACES

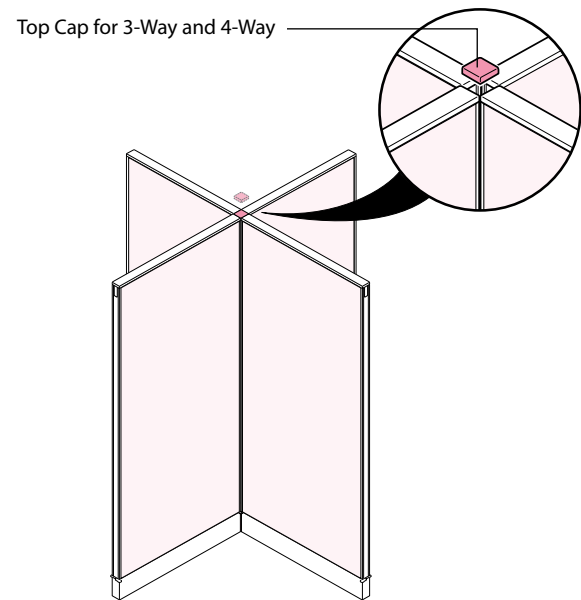
Steel Top Caps

4-Way Panel Applications: Same Height Panels

Option 1:



Option 2:



UniGroup Radius Steel Top Cap:

- Option 1: No additional trim required.
- Option 2: Specify a 4-Way Top Cap to finish the 2" x 2" opening between panels.
 - Radius Steel Top Cap (FPC - 2)

PLACES Low Profile Steel Top Cap:

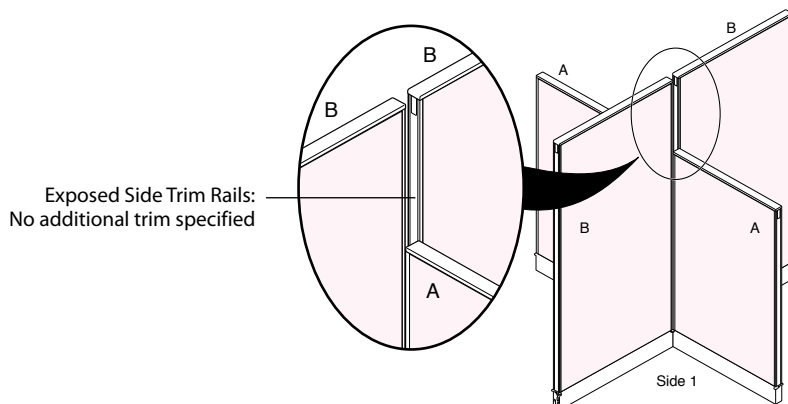
- Option 1: No additional trim required.
- Option 2: Specify a 4-Way Top Cap to finish the 2" x 2" opening between panels.
 - Low Profile Steel Top Cap (HTF - 0004)

Finish Post Specification Guidelines: UniGroup and PLACES

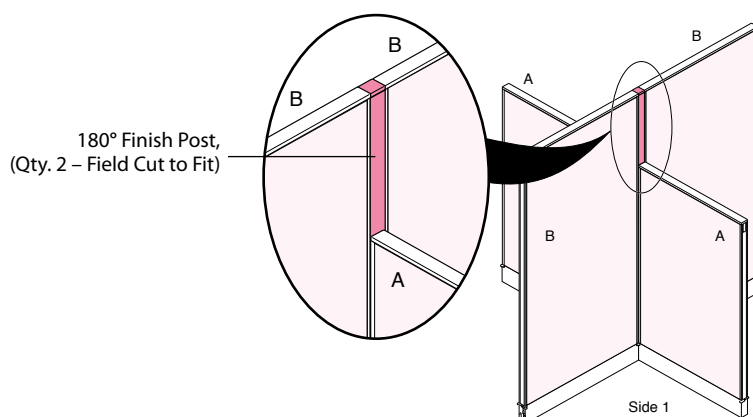
Steel Top Caps

4-Way Panel Applications: Different Height Panels

Option 1:



Option 2:



UniGroup Radius Steel Top Cap:

- Option 1: No additional trim required.
- Option 2: Specify 180° Finish Post to match the height from "A" to "B" on both sides of the panel "B", field cut to fit.
 - Radius Steel Top Cap/Fabric Surface (Qty. 2 - FPFS - __ - B) **or**
 - Radius Steel Top Cap/Painted Surface (FPPS - __ - B)

PLACES Low Profile Steel Top Cap:

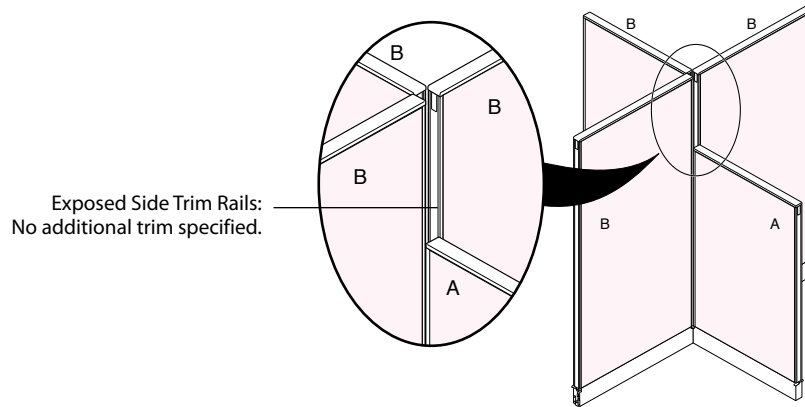
- Option 1: No additional trim required.
- Option 2: Specify 180° Finish Post to match the height from "A" to "B" on both sides of the panel "B", field cut to fit.
 - Low Profile Steel Top Cap/Fabric Surface (Qty. 2 - HFPS - 00 __) **or**
 - Low Profile Steel Top Cap/Painted Surface (HDPS - 00 __)

Finish Post Specification Guidelines: UniGroup and PLACES

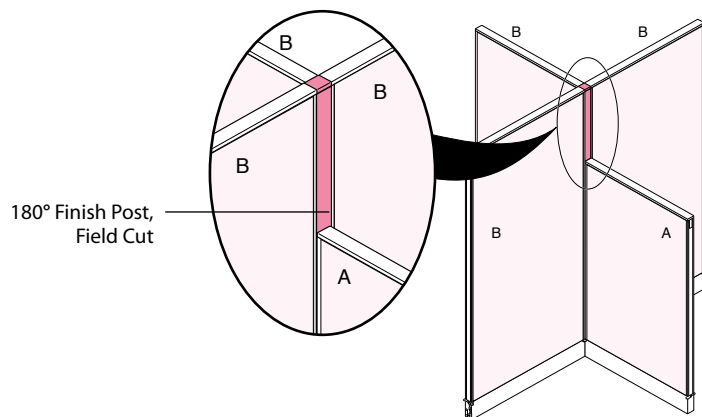
Steel Top Caps

4-Way Panel Applications: Different Height Panels

Option 1:



Option 2:



UniGroup Radius Steel Top Cap:

- Option 1: No additional trim required.
- Option 2: Specify 180° Finish Post (field cut) to match the height difference between from "A" to "B".
 - Radius Steel Top Cap/Fabric Surface (FPFS - __ - B) **or**
 - Radius Steel Top Cap/Painted Surface (FPPS - __ - B)

PLACES Low Profile Steel Top Cap:

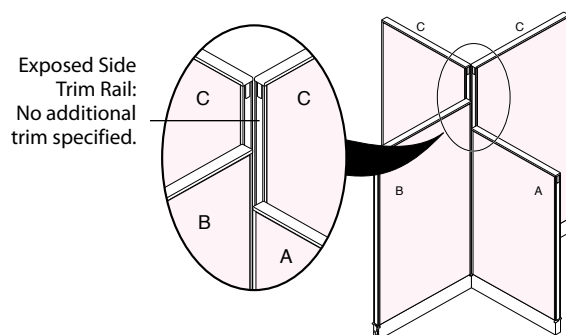
- Option 1: No additional trim required.
- Option 2: Specify 180° Finish Post (field cut) to match the height difference between from "A" to "B".
 - Low Profile Steel Top Cap/Fabric Surface (HFPS - 00 __) **or**
 - Low Profile Steel Top Cap/Painted Surface (HDPS - 00 __)

Finish Post Specification Guidelines: UniGroup and PLACES

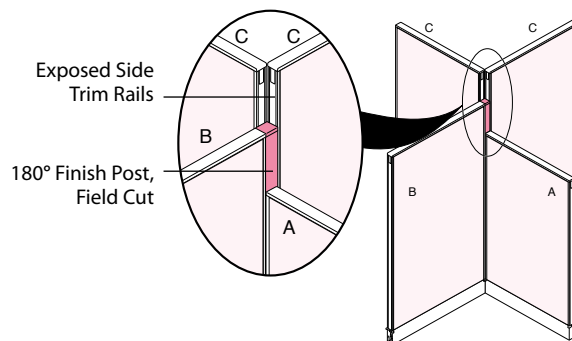
Steel Top Caps

4-Way Panel Applications: Different Height Panels

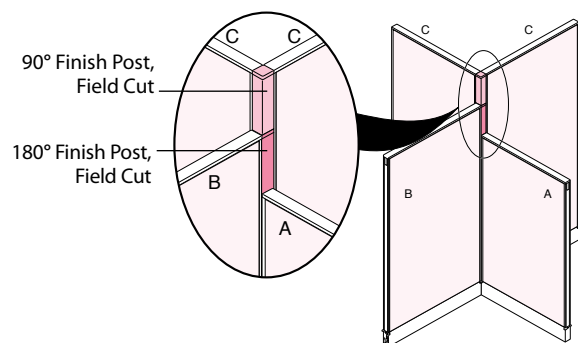
Option 1:



Option 2:



Option 3:



UniGroup Radius Steel Top Cap:

- Option 1: No additional trim required.
- Option 2: Specify 180° Finish Post to match panel height difference between "A" to "B", field cut. Leave side trim rails between "B" and "C" exposed.
 - Radius Steel Top Cap/Fabric Surface (FPFS - __ - B) **or**
 - Radius Steel Top Cap/Painted Surface (FPPS - __ - B)
- Option 3: Specify 180° Finish Post to match the panel height difference between "A" and "B", field cut. Specify a 90° Finish Post, field cut, to match the height difference between "B" and "C".
 - Radius Steel Top Cap/Fabric Surface (FPFS - __ - B) **or**
 - Radius Steel Top Cap/Painted Surface (FPPS - __ - B) **and**
 - Radius Steel Top Cap/Fabric Surface (FPFC - __ - B) **or**
 - Radius Steel Top Cap/Painted Surface (FPPC - __ - B)

PLACES Low Profile Steel Top Cap:

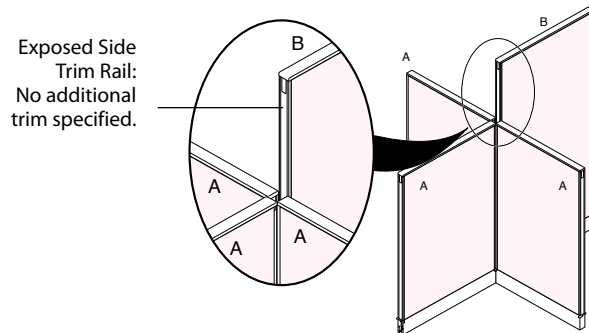
- Option 1: No additional trim required.
- Option 2: Specify 180° Finish Post to match the height difference between "A" and "B", field cut. Leave side trim rails between "B" and "C" exposed.
 - Low Profile Steel Top Cap/Fabric Surface (HFPS - 00 __) **or**
 - Low Profile Steel Top Cap/Painted Surface (HDPS - 00 __)
- Option 3: Specify 180° Finish Post to match the height difference between "A" and "B", field cut. Specify a 90° Finish Post, field cut, to match the height difference between "B" and "C".
 - Low Profile Steel Top Cap/Fabric Surface (HFPS - 00 __) **or**
 - Low Profile Steel Top Cap/Painted Surface (HDPS - 00 __) **and**
 - Low Profile Steel Top Cap/Fabric Surface (HFPC - 00 __) **or**
 - Low Profile Steel Top Cap/Painted Surface (HDPC - 00 __)

Finish Post Specification Guidelines: UniGroup and PLACES

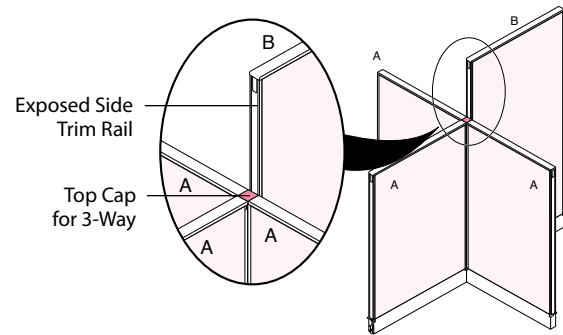
Steel Top Caps

4-Way Panel Applications: Same Height Panels

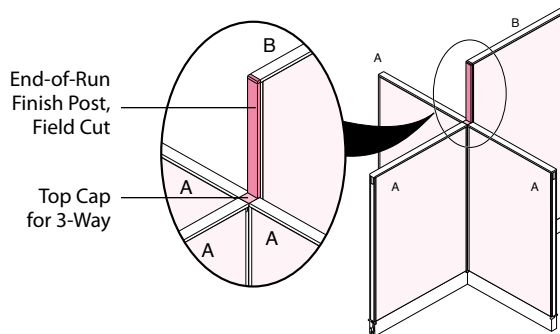
Option 1:



Option 2:



Option 3: PLACES Low Profile Steel Top Cap:



UniGroup Radius Steel Top Cap:

- Option 1: No additional trim required.
- Option 2: Specify a 3-Way Top Cap to finish the 2" x 2" opening between "A" panels.
 - Radius Steel Top Cap (FPC - 2)

PLACES Low Profile Steel Top Cap:

- Option 1: No additional trim required.
- Option 2: Specify a 3-Way Top Cap to finish the 2" x 2" opening between "A" panels.
 - Low Profile Steel Top Cap (HTF - 0004)
- Option 3: Specify a 3-Way Top Cap to finish the 2" x 2" opening between "A" panels. Specify End-of-Run Finish Post, field cut, to match the height from "A" to "B".
 - Low Profile Steel Top Cap (HTF - 0004) and Low Profile Steel Top Cap/Fabric Surface (HPER - 00 __)



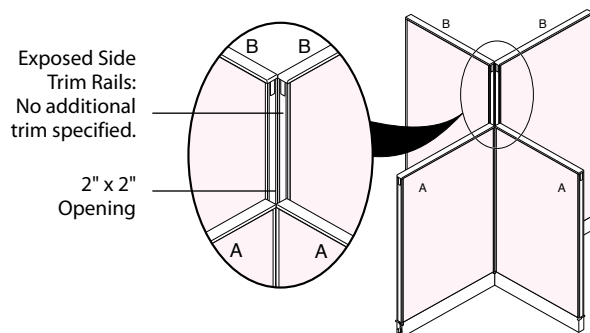
UniGroup does not have End-of-Run Finish Posts for Radius Steel Top Cap available in the Panel Accessories Statement of Line. Available in PLACES Low Profile Steel Top Cap Only.

Finish Post Specification Guidelines: UniGroup and PLACES

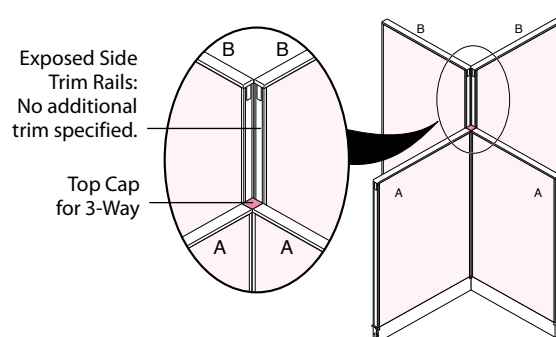
Steel Top Caps

4-Way Panel Applications: Same Height Panels

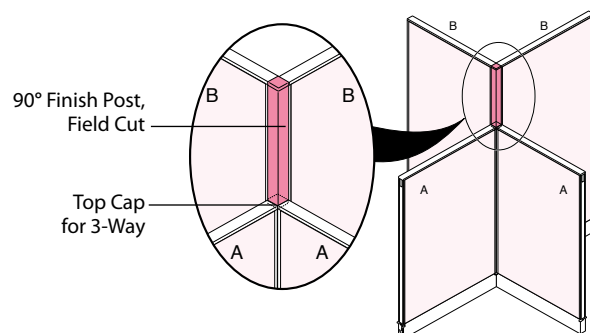
Option 1:



Option 2:



Option 3:



UniGroup Radius Steel Top Cap:

- Option 1: No additional trim required.
- Option 2: Specify a 4-Way Top Cap to conceal the 2" x 2" opening.
 - Radius Steel Top Cap (FPC - 2)
- Option 3: Specify a 90° Finish Post to match the height difference between "A" and "B", field cut. Specify a 4-Way Top Cap to sit below that 90° Finish Post.
 - Radius Steel Top Cap/Fabric Surface (FPFC - __ - B) **or**
 - Radius Steel Top Cap/Painted Surface (FPFC - __ - B) **and** Radius Steel Top Cap (FPC - 2)

PLACES Low Profile Steel Top Cap:

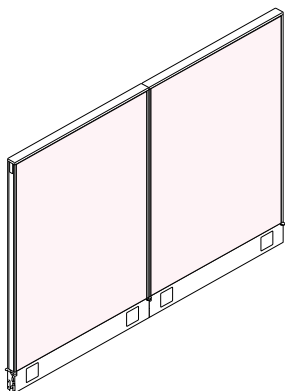
- Option 1: No additional trim required.
- Option 2: Specify a 4-Way Top Cap to conceal the 2" x 2" opening.
 - Radius Steel Top Cap (HTF-0004)
- Option 3: Specify a 90° Finish Post to match the height difference between "A" and "B", field cut. Specify a 4-Way Top Cap to sit below that 90° Finish Post.
 - Low Profile Steel Top Cap/Fabric Surface (HFPC - 00 __) **or**
 - Low Profile Steel Top Cap/Painted Surface (HDPC - 00 __) **and** Low Profile Steel Top Cap (HTF - 0004)

Finish Post Specification Guidelines: UniGroup and PLACES

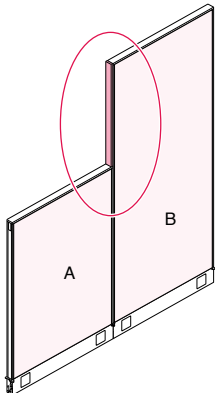
Wood Top Caps

Finish Posts are required in all Wood Top Cap conditions.

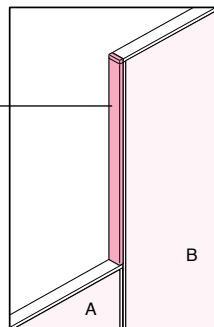
In-Line Panel Applications



- UniGroup Radius Wood Top Cap: Same height panels, no additional trim is required; included with panels.
- PLACES Low Profile Wood Top Cap: Same height panels, no additional trim is required; included with panels.



End-of-Run Variable-Height
Finish Post



UniGroup Radius Wood Top Cap:

- Specify End-of-Run Variable-Height Finish Post: for exposed panel end from "A" to "B".
 - Radius Wood Top Cap/Wood Surface (ERRW - __)

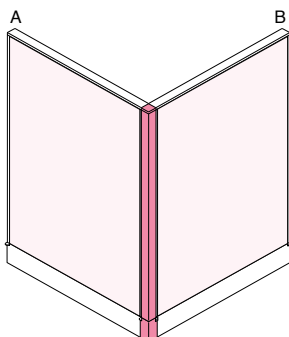
PLACES Low Profile Wood Top Cap:

- Specify End-of-Run Variable-Height Finish Post: for exposed panel end from "A" to "B".
 - Low Profile Wood Top Cap/Wood Surface (HVWE - ____ - C) **or**
 - Low Profile Wood Top Cap/Fabric Surface (HVFE - ____ - C)

Finish Post Specification Guidelines: UniGroup and PLACES

Wood Top Caps

2-Way/90° Panel Applications: Same Height Panels



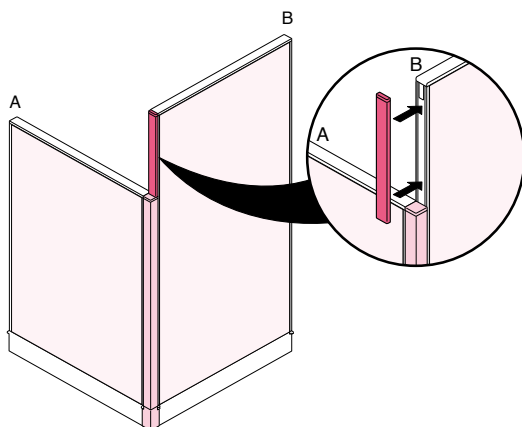
UniGroup Radius Wood Top Cap:

- Same Height Panels: specify 90° Finish Post to match panel height.
 - Radius Wood Top Cap/Fabric Surface (PFWC - __ - B)

PLACES Low Profile Wood Top Cap:

- Same Height Panels: specify 90° Finish Post to match panel height.
 - Low Profile Wood Top Cap/Wood Surface (HWPC - 00__ - T) **or**
 - Low Profile Wood Top Cap/Fabric Surface (HFPC - 00__ - T)

2-Way/90° Panel Applications: Different Height Panels



UniGroup Radius Wood Top Cap:

- Specify 90° Finish Post to match height of Panel "A" and an End-of-Run Variable-Height Finish Post, field modified, to cover exposed panel side trim rail from "A" to "B".
 - Radius Wood Top Cap/Fabric Surface (PFWC - __ - B) **and**
 - Radius Wood Top Cap/Wood Surface (ERRW - __)

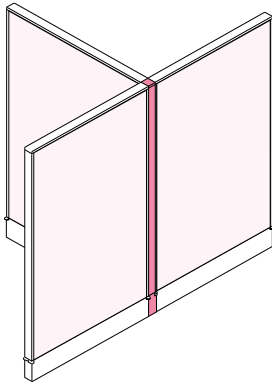
PLACES Low Profile Wood Top Cap:

- Specify 90° Finish Post to match the height of panel "A" and an End-of-Run Variable-Height Finish Post: Regular, to cover exposed panel side trim rail from "A" to "B".
 - Low Profile Wood Top Cap/Wood Surface (HWPC - 00__ - T) **or**
 - Low Profile Wood Top Cap/Fabric Surface (HFPC - 00__ - T) **and**
 - Low Profile Wood Top Cap/Wood Surface (HVWE - 00__) **or**
 - Low Profile Wood Top Cap/Fabric Surface (HVFE - 00__)

Finish Post Specification Guidelines: UniGroup and PLACES

Wood Top Caps

3-Way/180° Panel Applications: Same Height Panels



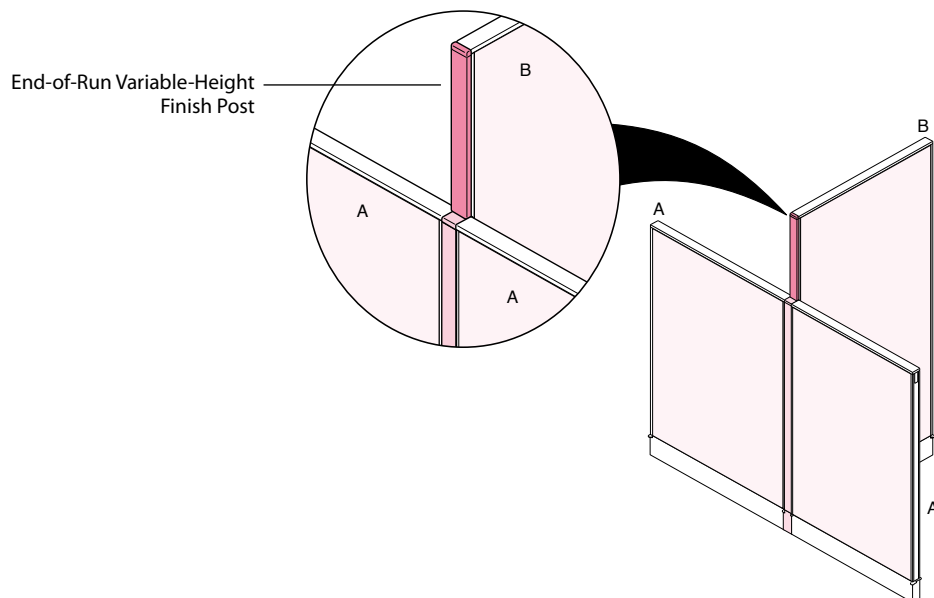
UniGroup Radius Wood Top Cap:

- Same Height Panels: specify 180° Finish Post to match height of Panel "A".
 - Radius Wood Top Cap/Fabric Surface (PFWS - __ - B)

PLACES Low Profile Wood Top Cap:

- Same Height Panels: specify 180° Finish Post to match the height of panel "A".
 - Low Profile Wood Top Cap/Wood Surface (HWPS - 00 __ - T) **or**
 - Low Profile Wood Top Cap/Fabric Surface (HFPS - 00 __ - T)

3-Way/180° Panel Applications: Different Height Panels



UniGroup Radius Wood Top Cap:

- Specify 180° Finish Post to match the height of panel "A" and End-of-Run Variable-Height Finish Post, field modified end to cover the height difference from "A" to "B".
 - Radius Wood Top Cap/Fabric Surface (PFWS - __ - B) **and** Radius Wood Top Cap/Wood Surface (ERRW - __)

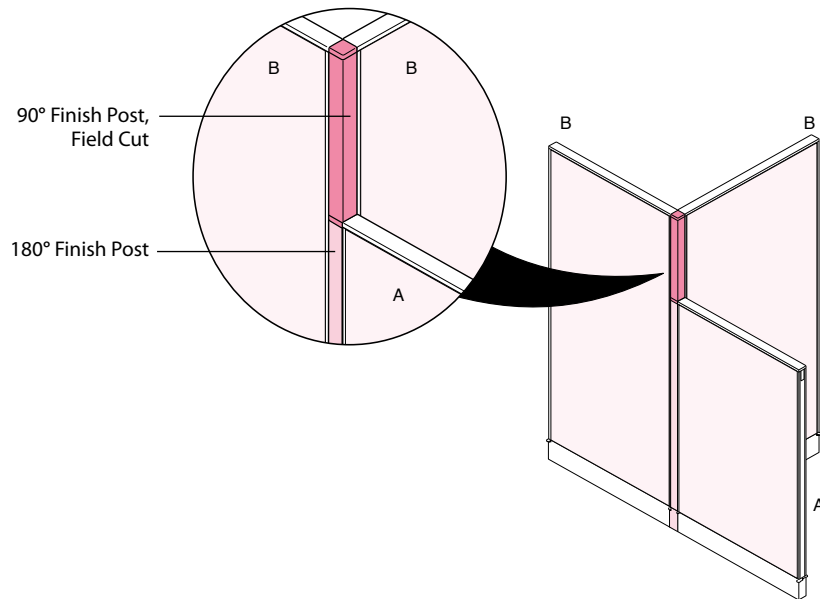
PLACES Low Profile Wood Top Cap:

- Specify 180° Finish Post to match the height of panel "A" and End-of-Run Variable-Height Finish Post: Regular, to match the height difference from "A" to "B".
 - Low Profile Wood Top Cap/Wood Surface (HWPS - 00 __ - T) **or**
 - Low Profile Wood Top Cap/Fabric Surface (HFPS - 00 __ - T) **and**
 - Low Profile Wood Top Cap/Wood Surface (HVWE - 00 __) **or**
 - Low Profile Wood Top Cap/Fabric Surface (HVFE - 00 __)

Finish Post Specification Guidelines: UniGroup and PLACES

Wood Top Caps

3-Way/180° Panel Applications: Different Height Panels



UniGroup Radius Wood Top Cap:

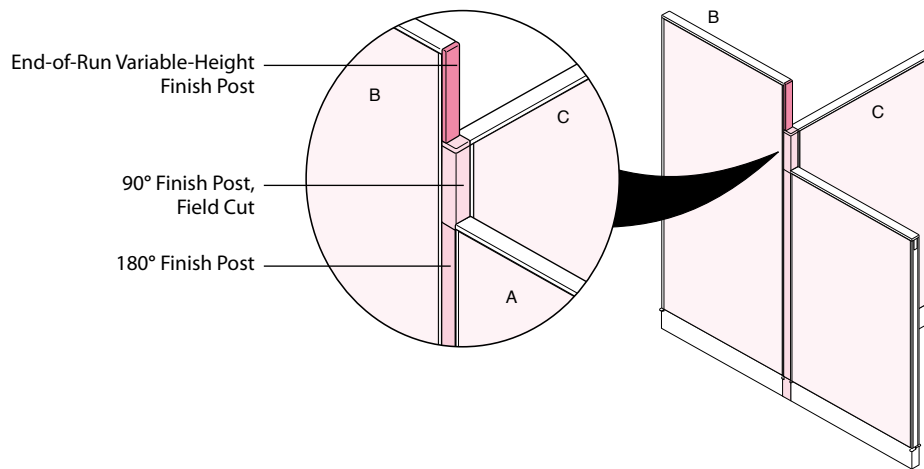
- Specify 180° Finish Post to match the height of panel "A" and 90° Finish Post to match the difference between "A" and "B", field modified.
 - Radius Wood Top Cap/Fabric Surface (PFWS - __ - B) **and** Radius Wood Top Cap/Fabric Surface (PFWC - __ - B)

PLACES Low Profile Wood Top Cap:

- Specify 180° Finish Post to match the height of panel "A" and 90° Finish Post to match the difference between "A" and "B", field modified.
 - Low Profile Wood Top Cap/Fabric Surface (HFPS - 00 __ - T) **or**
 - Low Profile Wood Top Cap/Wood Surface (HWPS - 00 __ - T) **and**
 - Low Profile Wood Top Cap/Fabric Surface (HFPC - 00 __ - T) **or**
 - Low Profile Wood Top Cap/Wood Surface (HWPC - 00 __ - T)

Wood Top Caps

3-Way/180° Panel Applications: Different Height Panels



UniGroup Radius Wood Top Cap:

- Specify 180° Finish Post to match the height of panel "A", 90° Finish Post to match the panel height difference from "A" to "C" and an End-of-Run Variable-Height Finish Post, field modified end, to match the height difference from "C" to "B".
 - Radius Wood Top Cap/Fabric Surface (PFWS - __ - B) **and**
 - Radius Wood Top Cap/Fabric Surface (PFWC - __ - B) **and**
 - Radius Wood Top Cap/Wood Surface (ERRW - __)

PLACES Low Profile Wood Top Cap:

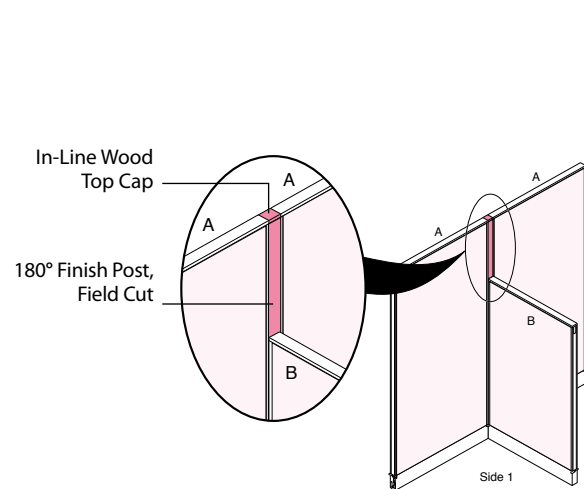
- Specify 180° Finish Post to match the height of panel "A", 90° Finish Post to match the panel height difference from "A" to "C" and an End-of-Run Variable-Height Finish Post: Regular, to match the height difference from "C" to "B".
 - Low Profile Wood Top Cap/Wood Surface (HWPS - 00 __ - T) **or**
 - Low Profile Wood Top Cap/Fabric Surface (HFPS - 00 __ - T) **and**
 - Low Profile Wood Top Cap/Wood Surface (HWPC - 00 __ - T) **or**
 - Low Profile Wood Top Cap/Fabric Surface (HFPC - 00 __ - T) **and**
 - Low Profile Wood Top Cap/Wood Surface (HVWE - 00 __) **or**
 - Low Profile Wood Top Cap/Fabric Surface (HVFE - 00 __)

Finish Post Specification Guidelines: UniGroup and PLACES

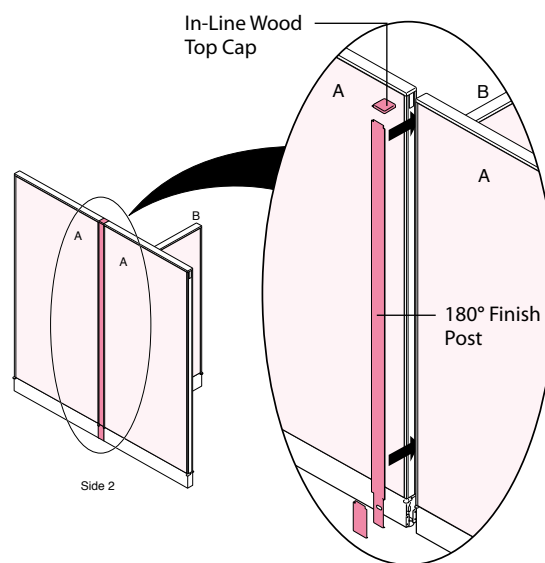
Wood Top Caps

3-Way/180° Panel Applications: Different Height Panels

Side 1:



Side 2:



UniGroup Radius Wood Top Cap:

- Specify one 180° Finish Post to match the height of panel "A" and one 180° Finish Post, field cut one, to match the height from "B" to "A" on side one. Specify Radius Wood Top Cap Kit, field modified for In-Line application to replace 180° Finish Post Top Cap.
 - Radius Wood Top Cap/Fabric Surface (Qty. 2 – PFWS - __ - B)
 - Radius Wood Top Cap (TCSW - 1)

PLACES Low Profile Wood Top Cap:

- Specify one 180° Finish Post to match the height of panel "A" and one 180° Finish Post, field cut, to match the height from "B" to "A" on side one. Specify an In-Line Low Profile Wood Top Cap for in-line application between "A" panels.
 - Low Profile Wood Top Cap/Wood Surface (Qty. 2 – HWPS - 00 __ - T) **or**
 - Low Profile Wood Top Cap/Fabric Surface (HFPS - 00 __ - T) **and**
 - Low Profile Wood Top Cap (HTCW - 0002)

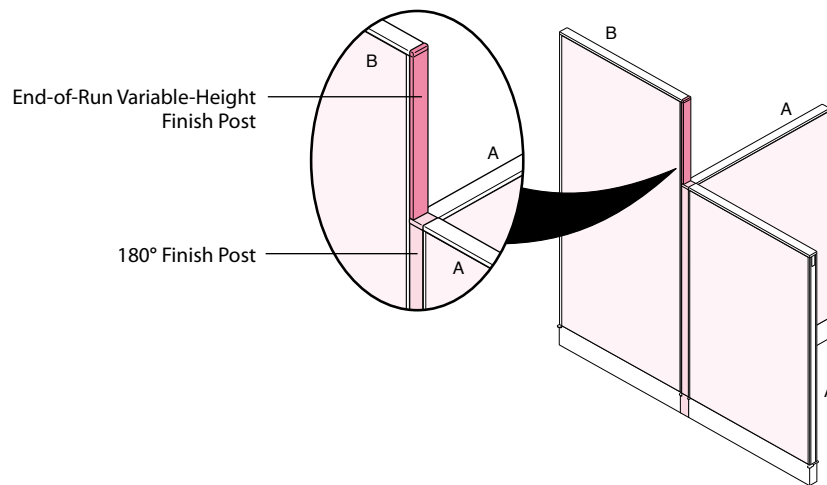
Tip

UniGroup Radius Wood Top Cap does not offer an In-line Radius Wood Top Cap. Specify a Radius Wood Top Cap Kit and field modify width to accommodate in-line application.

Finish Post Specification Guidelines: UniGroup and PLACES

Wood Top Caps

3-Way/180° Panel Applications: Different Height Panels



UniGroup Radius Wood Top Cap:

- Specify 180° Finish Post to match the height of "A" and an End-of-Run Variable-Height Finish Post, field modify end, use to cover exposed side trim rail from "A" to "B".
 - Radius Wood Top Cap/Fabric Surface (PFWS - __ - B) **and** Radius Wood Top Cap/Wood Surface (ERRW - __)

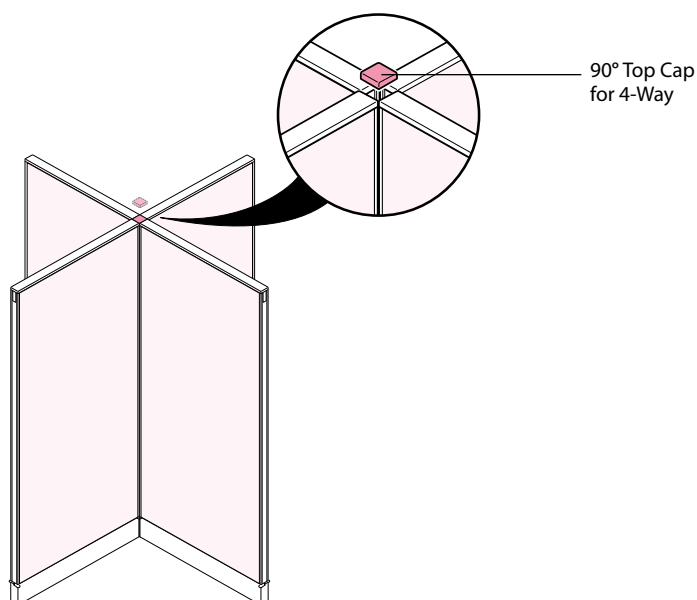
PLACES Low Profile Wood Top Cap:

- Specify 180° Finish Post to match the height of "A" and an End-of-Run Variable-Height Finish Post: Regular, to cover exposed side trim rail from "A" to "B".
 - Low Profile Wood Top Cap/Wood Surface (HWPS - 00 __ - T) **or**
 - Low Profile Wood Top Cap/Fabric Surface (HFPS - 00 __ - T) **and**
 - Low Profile Wood Top Cap/Wood Surface (HVWE - 00 __) **or**
 - Low Profile Wood Top Cap/Fabric Surface (HVFE - 00 __)

Finish Post Specification Guidelines: UniGroup and PLACES

Wood Top Caps

4-Way Panel Applications: Same Height Panels



UniGroup Radius Wood Top Cap:

- Same Height Panels: specify a 90° Top Cap for 4-Way to finish the 2" x 2" opening between panels.
 - Radius Wood Top Cap (FPCW - 2)

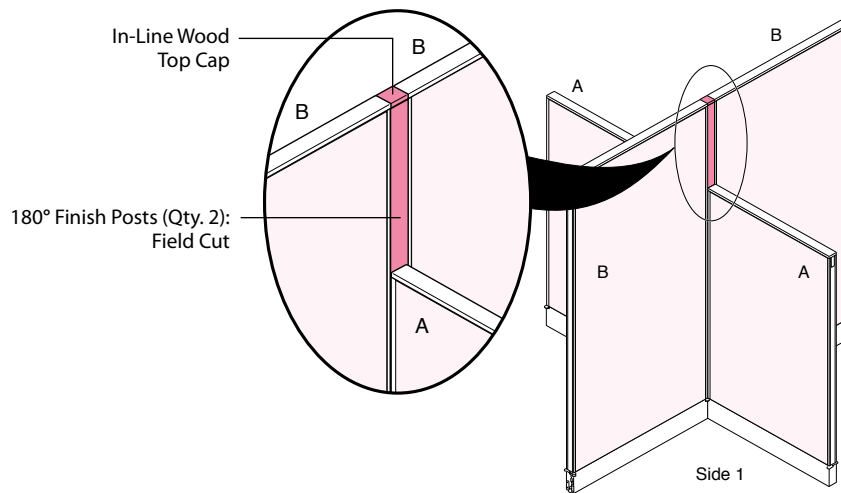
PLACES Low Profile Wood Top Cap:

- Same Height Panels: specify a 90° Top Cap for 4-Way to finish the 2" x 2" opening between panels.
 - Low Profile Wood Top Cap (HTFW - 0004)

Finish Post Specification Guidelines: UniGroup and PLACES

Wood Top Caps

4-Way Panel Applications: Different Height Panels



UniGroup Radius Wood Top Cap:

- Specify two 180° Finish Posts to match the height difference from "A" to "B" on both sides of the panel "B", field modify. Specify Radius Wood Top Cap Kit, field modified for In-Line application to replace 180° Finish Post Top Cap.
 - Radius Wood Top Cap/Fabric Surface (Qty. 2 – PFWS - __ - B)
 - Radius Wood Top Cap (TCSW - 1)

PLACES Low Profile Wood Top Cap:

- Specify two 180° Finish Posts to match the height difference from "A" to "B" on both sides of the panel "B", field modify. Specify an In-Line Top Cap to replace 180° Finish Post Top Cap.
 - Low Profile Wood Top Cap/Wood Surface (Qty. 2 – HWPS - 00 __ - T) **or**
 - Low Profile Wood Top Cap/Fabric Surface (HFPS - 00 __ - T) **and** Low Profile Wood Top Cap (HTCW - 0002)

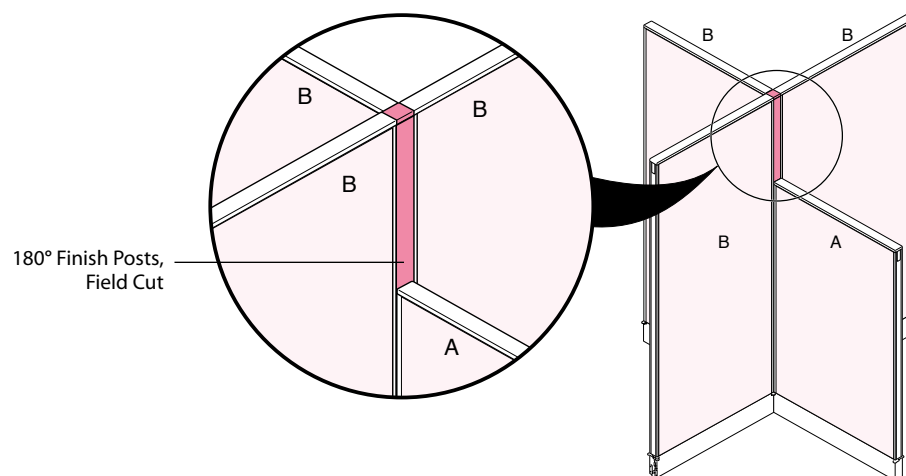
Tip

UniGroup Radius Wood Top Cap does not offer an In-line Radius Wood Top Cap. Specify a Radius Wood Top Cap Kit and field modify width to accommodate in-line application.

Finish Post Specification Guidelines: UniGroup and PLACES

Wood Top Caps

4-Way Panel Applications: Different Height Panels



UniGroup Radius Wood Top Cap:

- Specify 180° Finish Post to match the height difference between "A" and "B", field cut.
 - Radius Wood Top Cap/Fabric Surface (PFWS - __ - B)

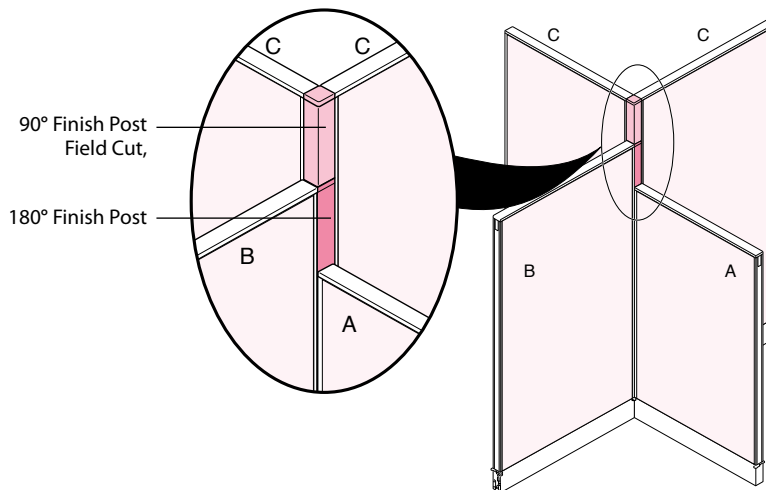
PLACES Low Profile Wood Top Cap:

- Specify 180° Finish Post to match the height difference between "A" and "B", field cut.
 - Low Profile Wood Top Cap/Wood Surface (HWPS - 00 __ - T) **or**
 - Low Profile Wood Top Cap/Fabric Surface (HFPS - 00 __ - T)

Finish Post Specification Guidelines: UniGroup and PLACES

Wood Top Caps

4-Way Panel Applications: Different Height Panels



UniGroup Radius Wood Top Cap:

- Specify 180° Finish Post to match the height difference between "A" and "B", field cut. Specify a 90° Finish Post to match the height difference between "B" and "C", field modified.
 - Radius Wood Top Cap/Fabric Surface (PFWS - __ - B) **and** Radius Wood Top Cap/Fabric Surface (PFWC - __ - B)

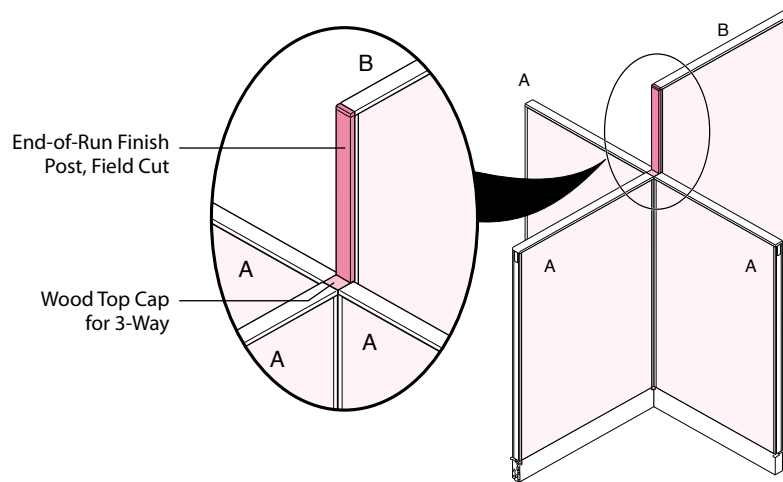
PLACES Low Profile Wood Top Cap:

- Specify 180° Finish Post to match the height difference between "A" and "B", field cut. Specify a 90° Finish Post to match the height difference between "B" and "C", field modified.
 - Low Profile Wood Top Cap/Wood Surface (HWPS - 00 __ - T) **or**
 - Low Profile Wood Top Cap/Fabric Surface (HFPS - 00 __ - T) **and**
 - Low Profile Wood Top Cap/Wood Surface (HWPC - 00 __ - T) **or**
 - Low Profile Wood Top Cap/Fabric Surface (HFPC - 00 __ - T)

Finish Post Specification Guidelines: UniGroup and PLACES

Wood Top Caps

4-Way Panel Applications: Different Height Panels



UniGroup Radius Wood Top Cap:

- Specify a 90° Top Cap for 3-Way or 4-Way to finish the connection between "A" panels. Specify End-of-Run Variable-Height Finish Post, field modify end, to match the height difference from "A" to "B".
 - Radius Wood Top Cap (PCSW - 2) **and** Radius Wood Top Cap/Wood Surface (ERRW - __)

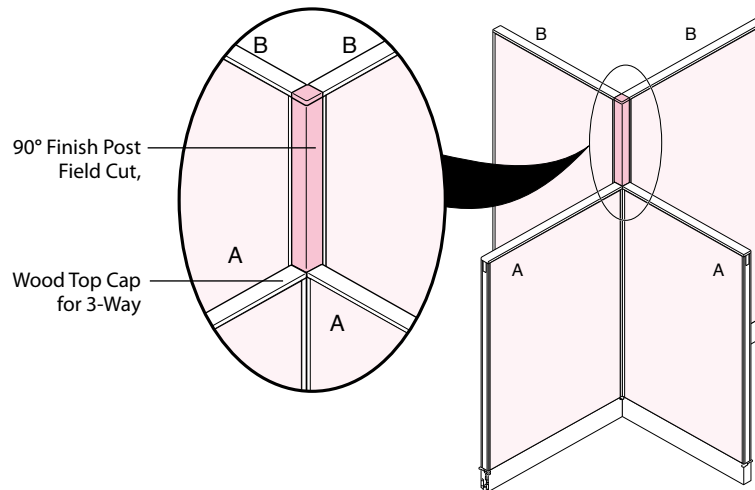
PLACES Low Profile Wood Top Cap:

- Specify a 180° Top Cap for 3-Way or 4-Way to finish the connection between "A" panels. Specify End-of-Run Variable-Height Finish Post: Regular, to match the height difference between "A" and "B".
 - Low Profile Wood Top Cap (HTCS - 0180) **and**
 - Low Profile Wood Top Cap/Wood Surface (HVWE - 00 __) **or**
 - Low Profile Wood Top Cap/Fabric Surface (HVFE - 00 __)

Finish Post Specification Guidelines: UniGroup and PLACES

Wood Top Caps

4-Way Panel Applications: Different Height Panels



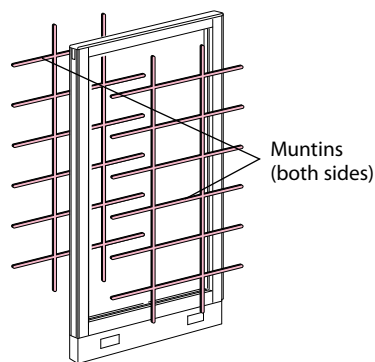
UniGroup Radius Wood Top Cap:

- Specify a 90° Finish Post to match the height difference between "A" and "B", field modified and a 90° Top Cap for 4-Way to sit below that 90° Finish Post.
 - Radius Wood Top Cap/Fabric Surface (PFWC - __ - B) **and** Radius Wood Top Cap (PCCW - 2)

PLACES Low Profile Wood Top Cap:

- Specify a 90° Finish Post to match the height difference between "A" and "B", field modified and a 90° Top Cap to sit below that 90° Finish Post.
 - Low Profile Wood Top Cap/Wood Surface (HWPC - 00 __ - T) **or**
 - Low Profile Wood Top Cap/Fabric Surface (HFPC - 00 __ - T) **and** Low Profile Wood Top Cap (HTCC - 0900)

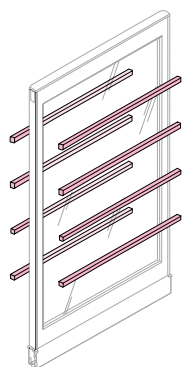
Muntin Kits: UniGroup and PLACES



Glazed Monolithic Panel with Classic Muntin Kit

Muntin Kits

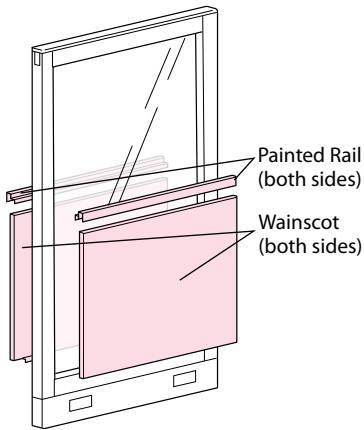
- Available for UniGroup and PLACES
- Painted surfaces
- Thickness: ½" (12mm) thick
- Height: ¾" (19mm)
- Used with glazed monolithic panels, separately specified
- Available in Classic or Horizontal styles
- Panel muntins include attachment hardware and muntins for each side of a glazed monolithic panel, separately specified
- Panel muntins require field assembly.
- Panel muntins are removable for cleaning and maintenance
- Can be used with UniGroup Too if height and width match the UniGroup Too offering



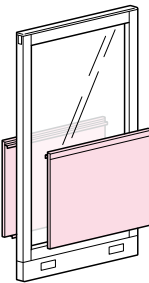
Glazed Monolithic Panel with Horizontal Muntin Kit

Note Muntin Kits must be specified to match the sizes of separately specified glazed monolithic panels.

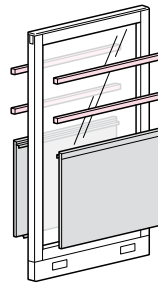
Wainscot Kits: UniGroup and PLACES



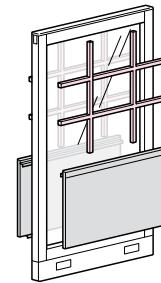
Glazed Monolithic with Wainscot Kit



Wainscot Kit



Wainscot Kit with a
Horizontal Muntin Kit



Wainscot Kit with a
Classic Muntin Kit

Wainscot Kits

- Available for UniGroup and PLACES
- With fabric wainscot and painted rails
- Used with glazed monolithic panels, separately specified
- Includes attachment hardware, a set of two fabric panels, and two painted rails
- Field assembly required
- Can be used as modesty panels when worksurfaces are mounted on glazed monolithic panels
- Can be specified with Classic or Horizontal muntins

Tips

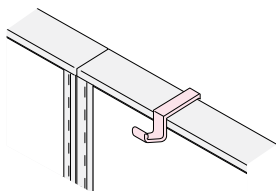
- Wainscot Kits without muntins can be used with UniGroup Too glazed monolithic panel; separately specified.
- Wainscot Kit with Muntins can be used with UniGroup Too if heights and widths match UniGroup Too offering.

All-Purpose Hooks/Panel Bridge: UniGroup Too, UniGroup, and PLACES

All-Purpose Hooks: UniGroup Too, UniGroup, and PLACES

UniGroup Too All-Purpose Hook

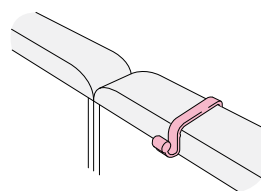
- Attach to UniGroup Too panels with Square Painted Top Caps
- Hooks can be hung at any location along the Top Cap



Square Painted Top Cap Application

UniGroup All-Purpose Hook

- Attach to UniGroup panels with Radius Steel Top Caps only
- Hooks can be hung at any location along the Top Cap



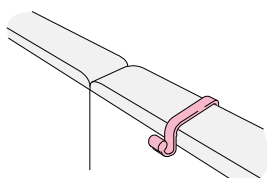
Radius Steel Top Cap Application

Tip

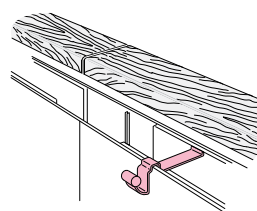
Not for use with UniGroup Radius Wood Top Cap.

PLACES All-Purpose Hook

- Two styles of All-Purpose Hooks attach to PLACES panels:
 - For Low Profile Steel Top Cap panels (hook installs above the top cap)
 - For Low Profile Wood Top Cap panels (hook installs under the top cap)
- Both styles of hooks can be hung at any location along the top cap



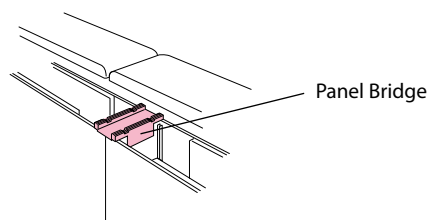
Low Profile Steel Top Cap Application



Low Profile Wood Top Cap Application

Panel Bridge: PLACES

- For use with PLACES panels **only**
- Designed to block light passage between panels
- Conceals the top raceway between two Top Caps in a straight panel run
- Separately specified (2371-6401)



Tip

Recommended for PLACES panels lower than 64" (1626mm).

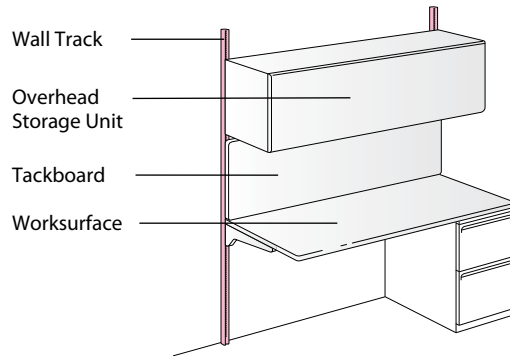
Note

The panel bridge can be used with Low Profile Steel Top Cap panels only.

Wall Track: UniGroup Too, UniGroup, and PLACES

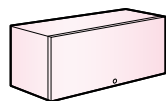
Wall Track

- Attaches to structural walls
- Provides an alternative to panels for the mounting of shelves, flipper door units, Overhead Storage Units, worksurfaces, and tackboards
- Slotted in 1" (25mm) increments
- Heights: 60" (1524mm), 72" (1829mm), 84" (2134mm)
- Depth: $\frac{3}{4}$ " (19mm)
- Width: $\frac{5}{8}$ " (16mm)



Tip

For a cleaner aesthetic, consider specification of wall mount components.

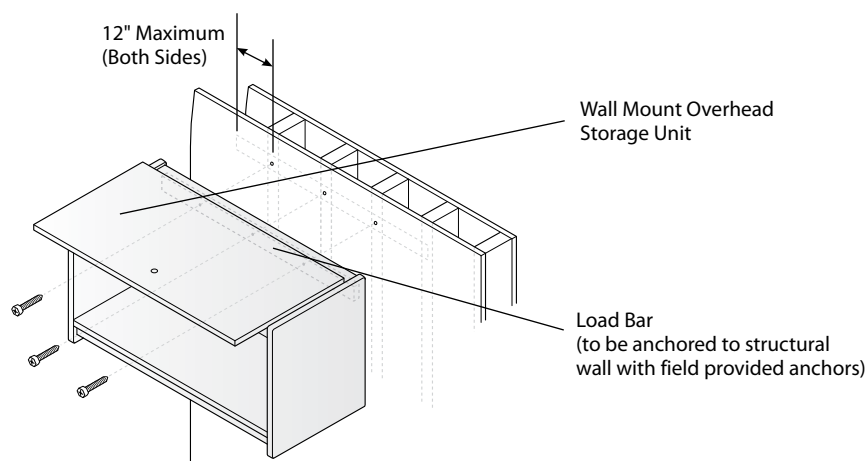


Wall Mount Overhead
Storage Unit
UUFS-16__-W__

A refined aesthetic solution to vertical Wall Track are wall mount components. One wall mount component is the Wall Mount Overhead Storage Unit which is installed directly onto a structural wall instead of having the aesthetic of vertical Wall Track going to the floor.

- Available with Painted, Translucent, or Wood Front
- Available Locking or Non-locking
- Available with Slow-Close Mechanism
- Accepts Separately Specified Adaptable Task Lights

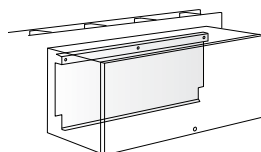
Wall Mount Overhead Storage Unit



- Load Bar attached to structural wall is supporting the Wall Mount Overhead Storage Unit creating a clean visual aesthetic with no exposed hardware on the exterior.

Back for Wall Mount Overhead Storage Unit

- Used to cover the back of Load Bar; separately specified



Back for Wall Mount Overhead
Storage Unit
UUFB-00__-P

Tips

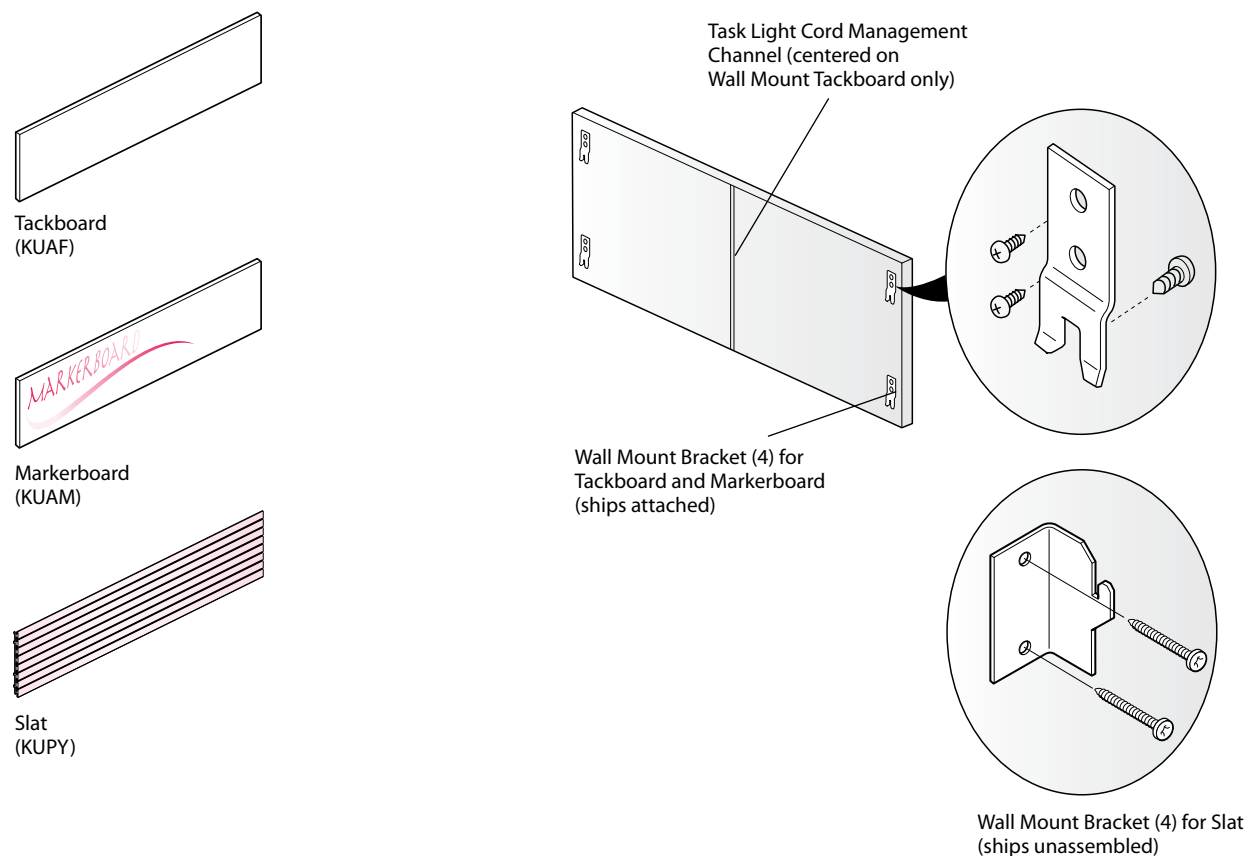
- Wall Mount Overhead Storage Unit cannot be retrofitted for installation on a panel.
- Wall Mount Overhead Storage Unit does not have a back. When the overhead is open the wall behind it will be exposed.
- Back for Wall Mount Overhead Storage Unit is an optional accessory. Not required for installation of Wall Mount Overhead Storage Unit.
- Wall Mount Overhead Storage Unit does not require Wall Track for installation.

Wall Mount Components: UniGroup Too, UniGroup, and PLACES

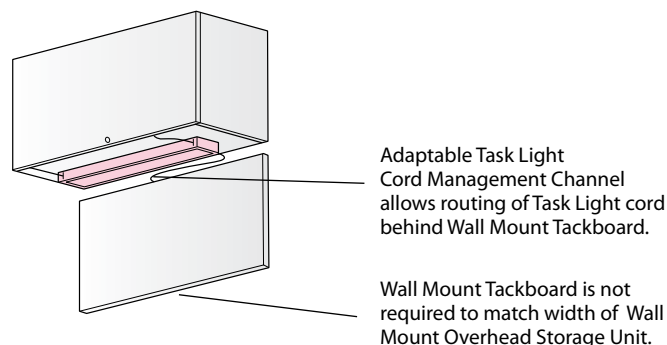
When selecting components for use in structural wall applications, one option is a Wall Mount component. Wall Mount components attach directly to the structural wall and do not use vertical Wall Track which is visible on the wall.

Wall Mount Tackboard/Markerboard/Slat

- The Wall Mount Tackboard, Markerboard, and Slat are anchored onto the structural wall using Wall Mount Brackets located on the back
- Wall Mount Brackets for the Tackboard and Markerboard are the same
- Wall Mount Brackets for the Slat are deeper to accommodate cord management behind the Slat
- Wall Mount Brackets are installed into the structural wall and the Wall Mount Tackboard, Markerboard, and Slat rest on these brackets
- Wall Mount components cannot be retrofitted for installation on a panel
- Wall Mount Markerboard will not allow Task Light cord to pass behind it
- Wall Mount Slat offers space behind it for Task Light cord routing



Understanding Wall Mount Tackboard with Adaptable Task Light:



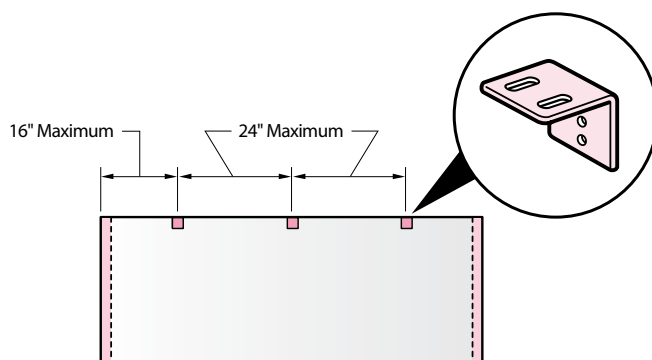
Wall Mount Components: UniGroup Too, UniGroup, and PLACES

Worksurface Wall Bracket

- When specifying Wall Mount Components, a Worksurface Wall Bracket must be used with lower support that attaches a worksurface to a structural wall, giving a cleaner aesthetic versus Wall Track.
- The Worksurface Wall Bracket is also used to attach a Worksurface Support Panel to Structural Wall Applications.

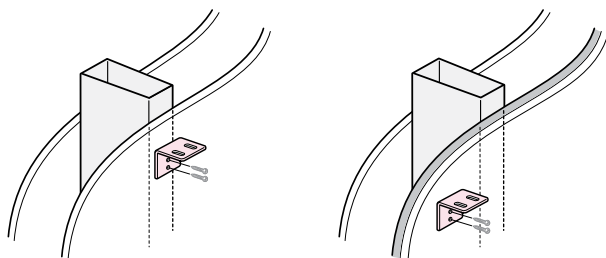
When specifying or planning with the Worksurface Wall Bracket, it is important to understand these application rules:

1. In applications with a worksurface adjacent to a wall:
 - 24" – 42" wide worksurfaces require two Worksurface Wall Brackets
 - 48" – 78" wide worksurfaces require three Worksurface Wall Brackets
 - 84" – 120" wide worksurfaces require four Worksurface Wall Brackets
2. In Worksurface Wall Bracket Applications, a worksurface may not be supported by only Worksurface Wall Brackets and Flush Mount Plates. They require floor support at specific locations. Refer to Group A Floor Support Options.
3. A Worksurface Wall Bracket cannot exceed 16" from either end of a worksurface, or be more than 24" from another Worksurface Wall Bracket or Floor Support.

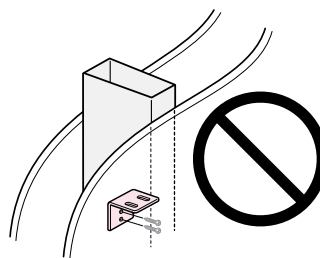


When using the Worksurface Wall Bracket, proper anchoring to a structural wall is required. Proper anchoring can include securing the Worksurface Wall Bracket to a stud or reinforcing the wall application with $\frac{3}{4}$ " plywood behind the wallboard. Directly securing the Worksurface Wall Bracket to wallboard will not provide proper structural support and is not recommended.

Recommended Structural Support



Not Recommended Structural Support

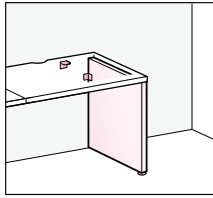


Tip Screws/anchors for attachment to structural wall are field supplied.

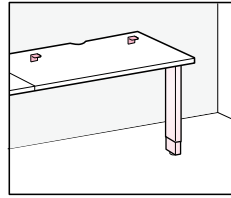
Wall Mount Components: UniGroup Too, UniGroup, and PLACES

Worksurface Wall Bracket

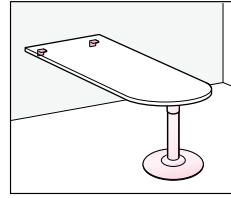
Group A Floor Support Options



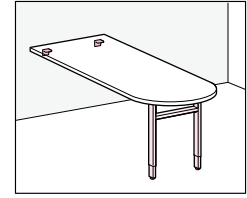
Worksurface Support Panel with a Worksurface Wall Bracket*



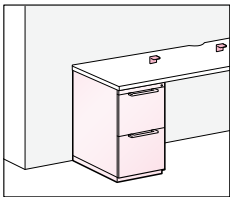
Single Support Post



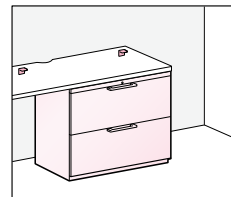
Adjustable Height Disc Base



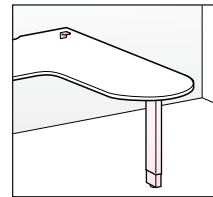
Double Support Leg



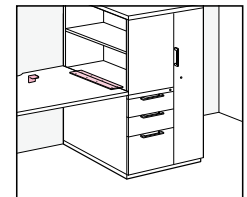
Attached Pedestal



Attached Lateral File

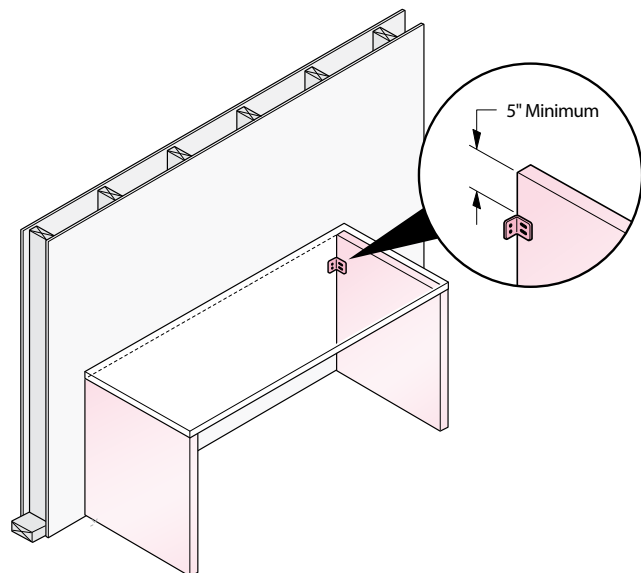


Single Support Post (or Support Column)



Personal Storage Tower to Worksurface Bracket

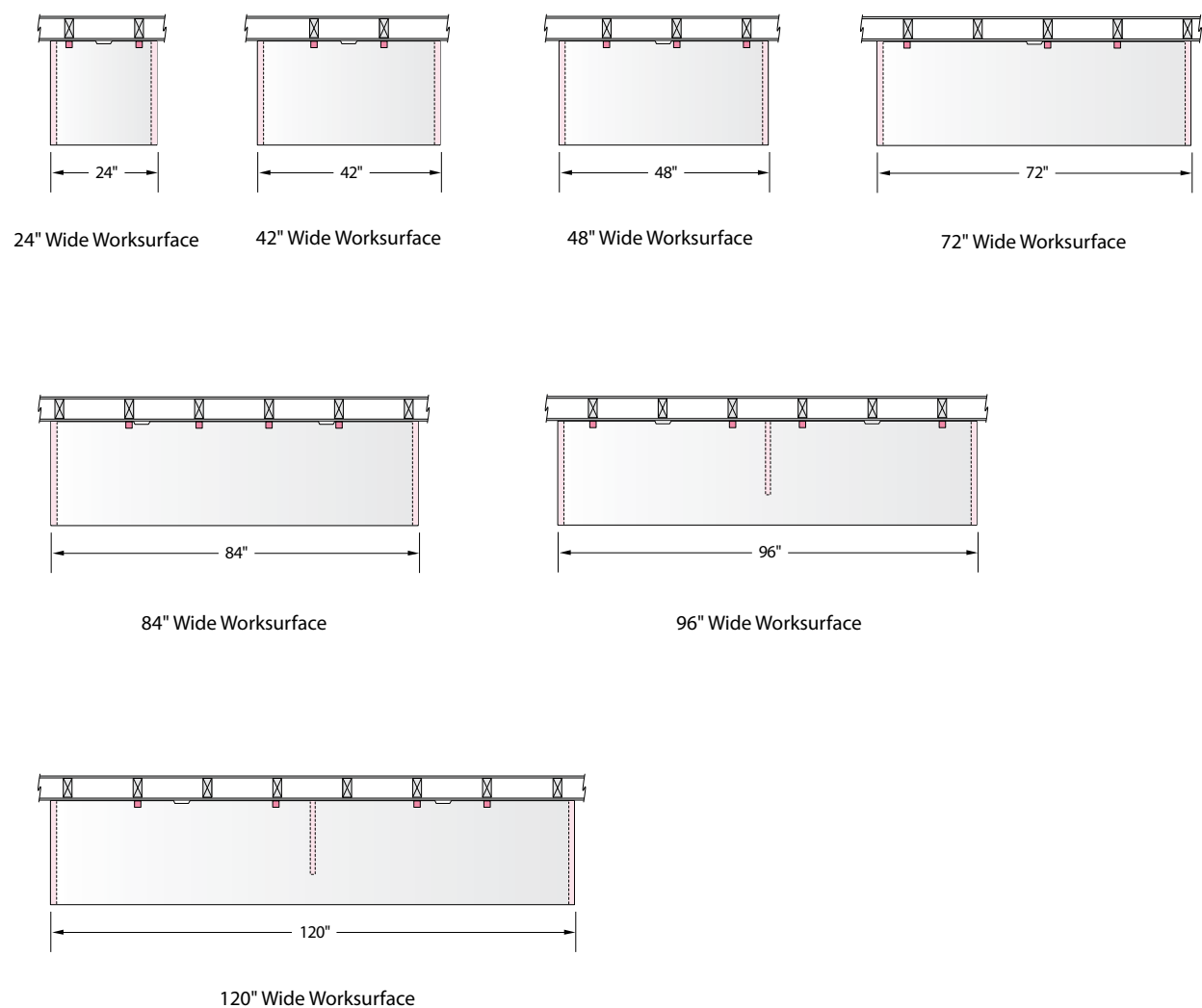
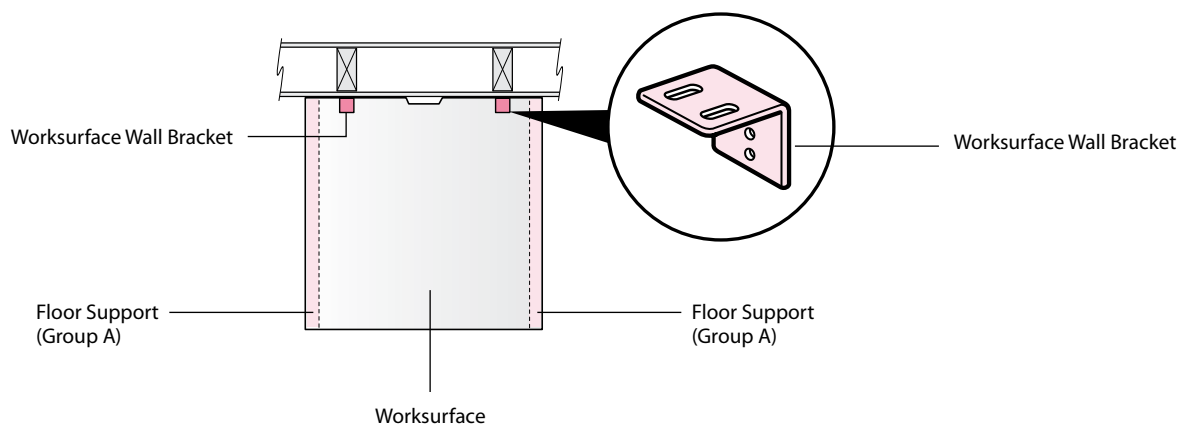
* Worksurface Support Panels must be secured to the structural wall with a Worksurface Wall Bracket which must be a minimum of 5" from the top of the Worksurface Support Panel. A Worksurface Support Panel may be up to 6" or less than the depth of the worksurface.



Wall Mount Components: UniGroup Too, UniGroup, and PLACES

Application Guidelines: Worksurface Wall Bracket

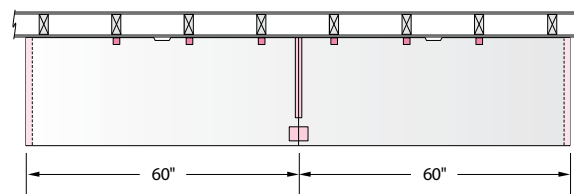
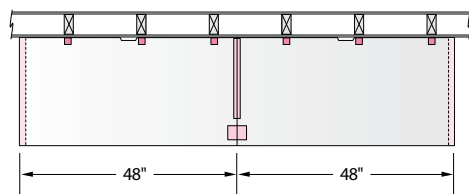
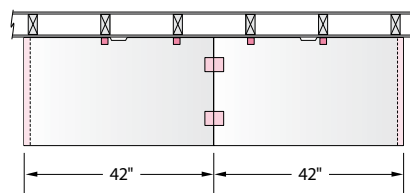
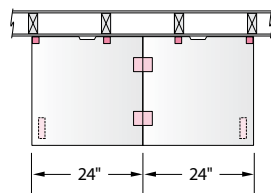
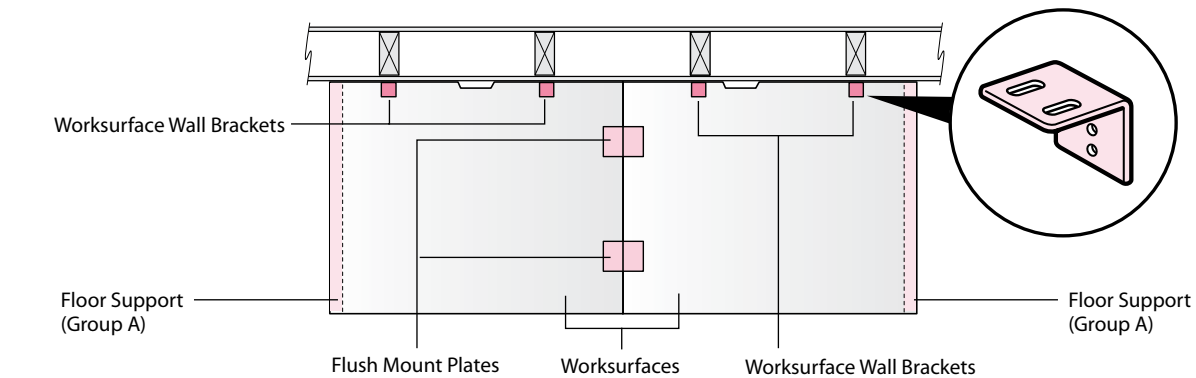
Requirements for a Straight Worksurface Application with One Worksurface



Wall Mount Components: UniGroup Too, UniGroup, and PLACES

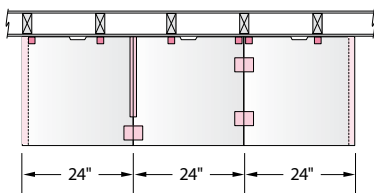
Application Guidelines: Worksurface Wall Bracket

Requirements for a Straight Worksurface Application with Multiple Worksurfaces



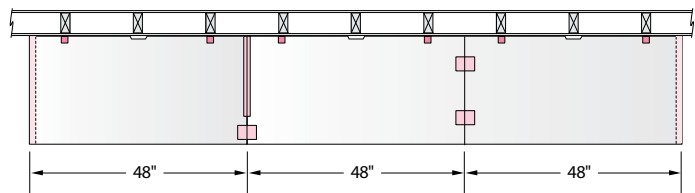
72" Wide Worksurface

Option A

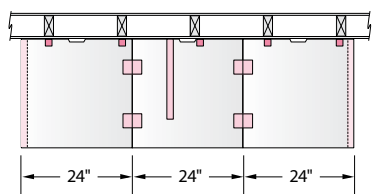


144" Wide Worksurface

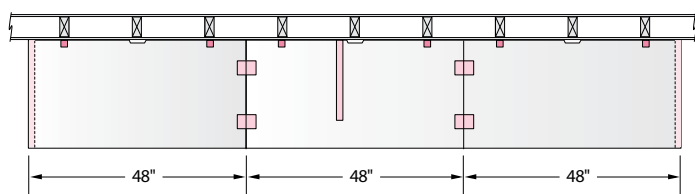
Option A



Option B



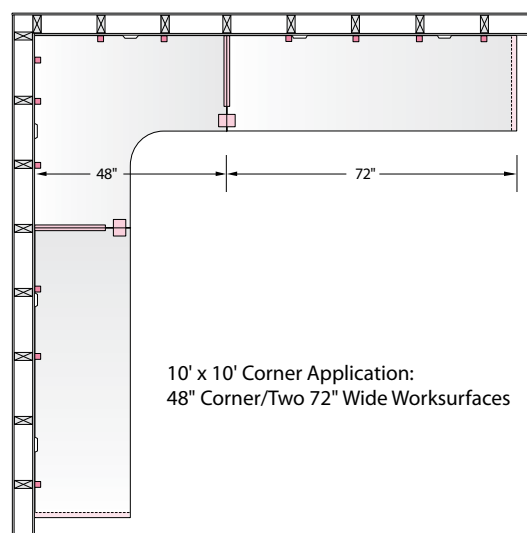
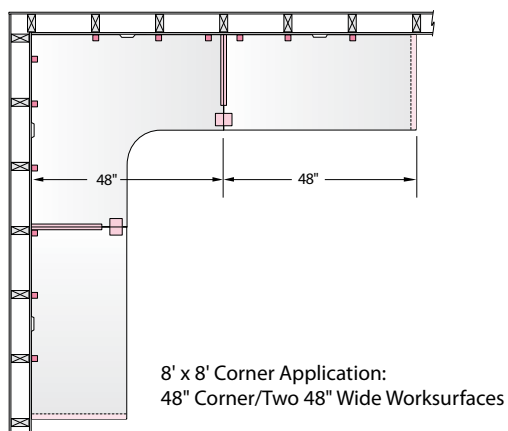
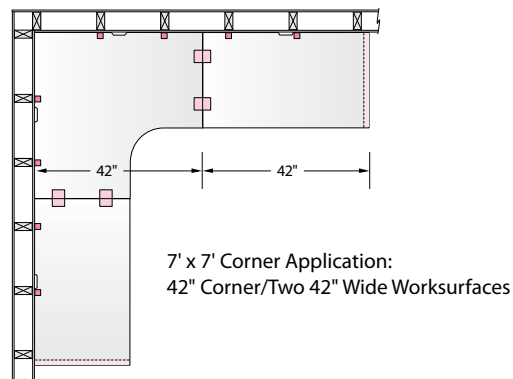
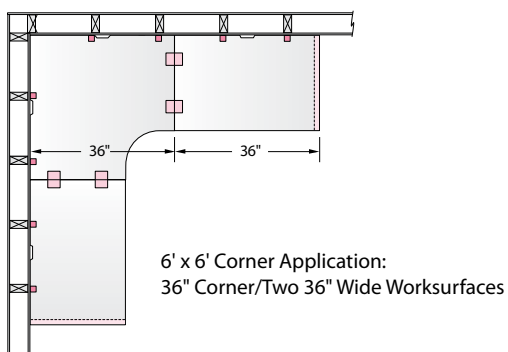
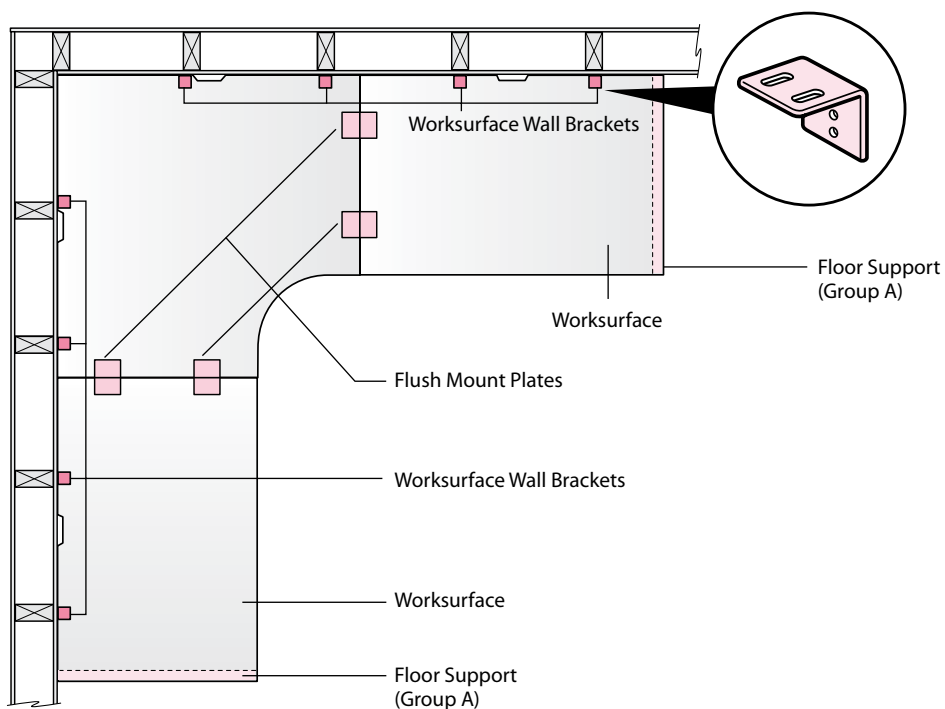
Option B



Wall Mount Components: UniGroup Too, UniGroup, and PLACES

Application Guidelines: Worksurface Wall Bracket

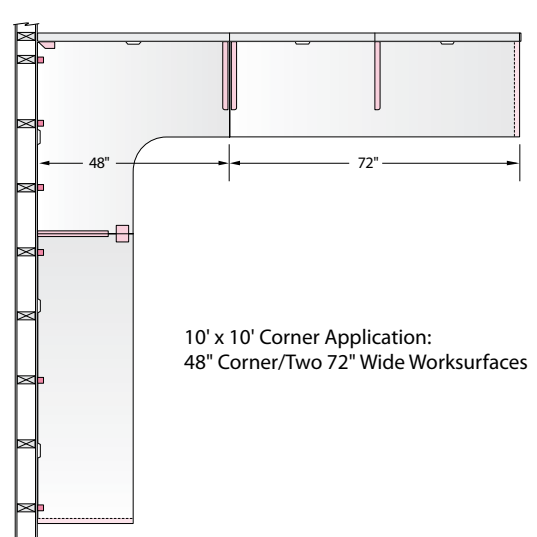
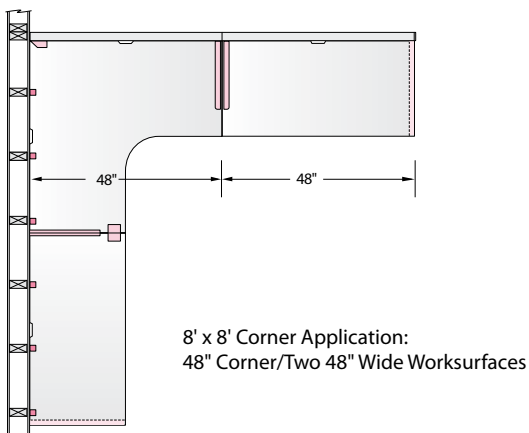
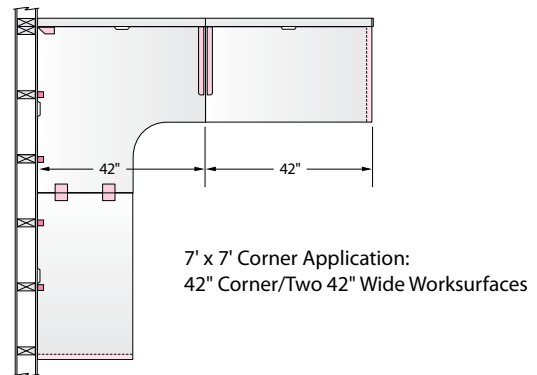
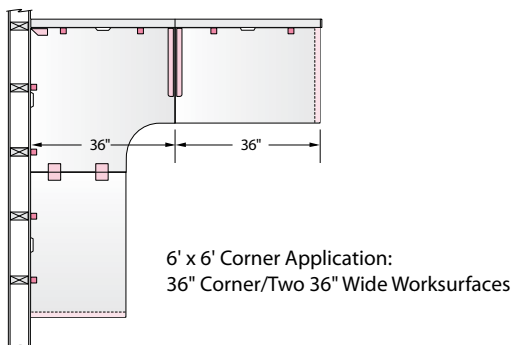
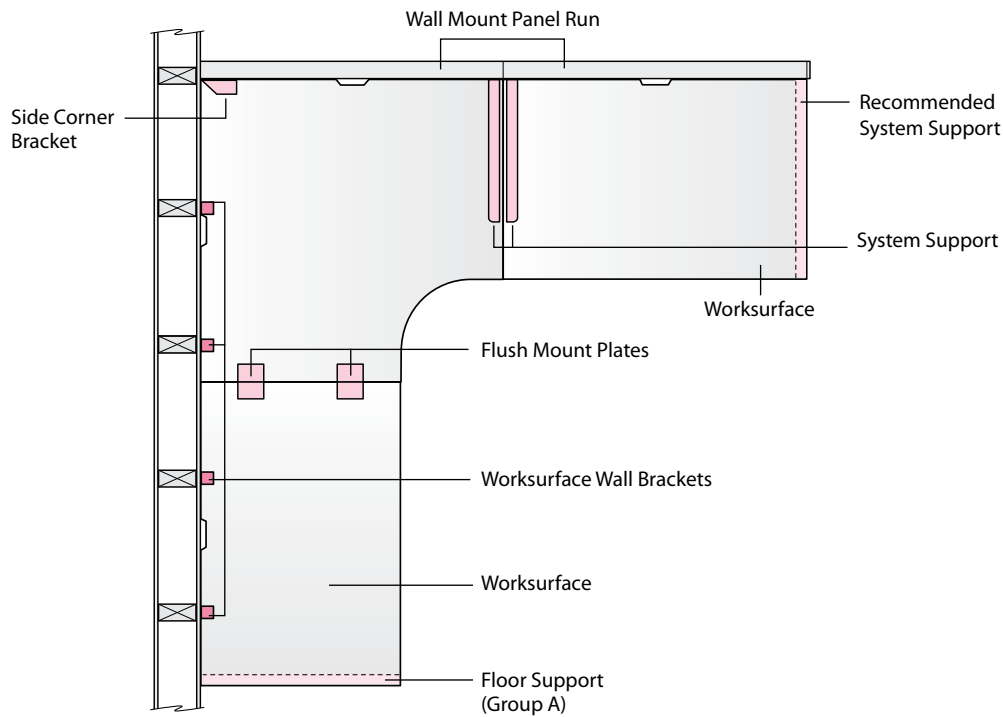
Requirements for a Structural Wall Corner Application



Wall Mount Components: UniGroup Too, UniGroup, and PLACES

Application Guidelines: Worksurface Wall Bracket

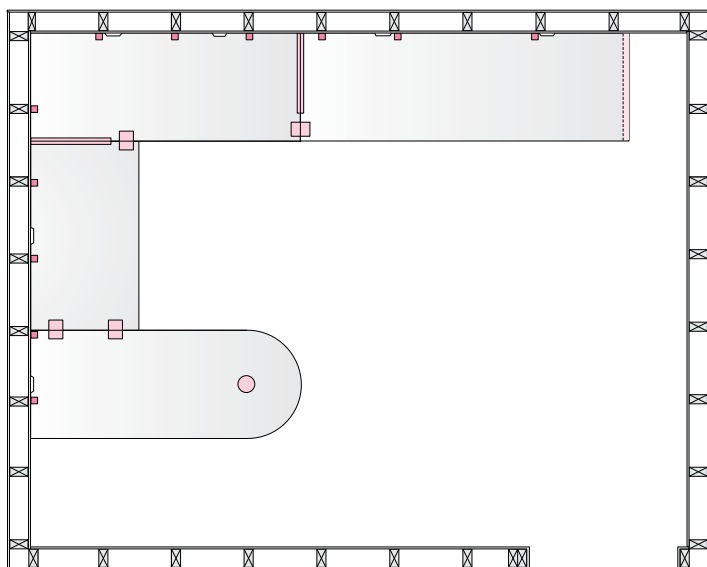
Requirements for a Corner Workstation Application with a Wall Mount Return Panel Run



Wall Mount Components: UniGroup Too, UniGroup, and PLACES

Application Guidelines: Worksurface Wall Bracket

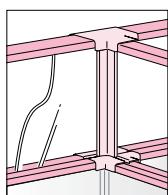
Typical Structural Wall Office Application



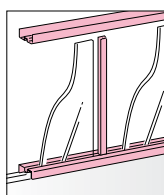
Clerestory Kits: UniGroup Too, UniGroup, and PLACES

- Provides a floor-to-ceiling barrier when combined with UniGroup Too, UniGroup, and PLACES panels
- Designed for use with:
 - 80" (2032mm)-high UniGroup Too panels, 82" (2083mm)-high UniGroup and PLACES panels, where there is a maximum ceiling height of 10' (3048mm) or
 - 64" or 68" (1727mm)-high UniGroup and PLACES panels, where there is a maximum ceiling height of 9' (2743mm)
- Requires locally-purchased laminated safety glass meeting these requirements:
 - Minimum thickness of 0.220" (6mm)
 - Maximum thickness of 0.275" (7mm)
- Available in all UniGroup/PLACES trim colors. Not available in metallic trim colors.
- End kit includes end trim post and panel end cap molding

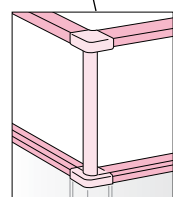
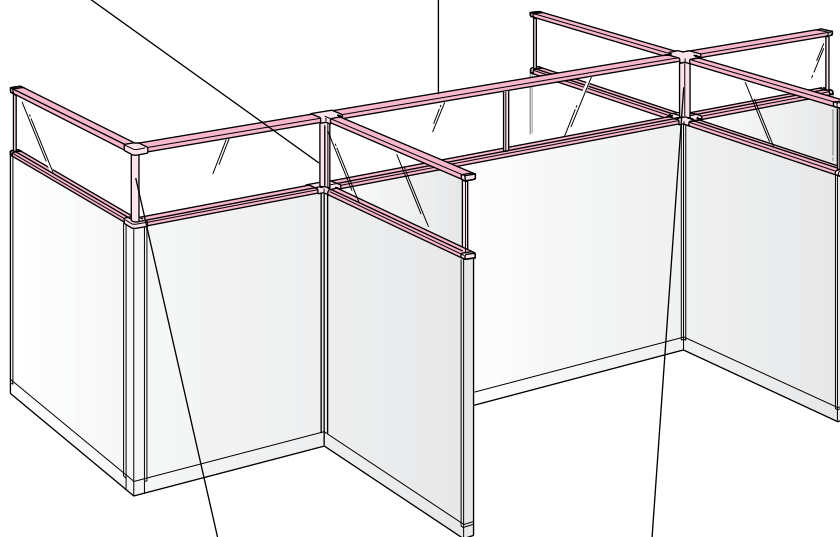
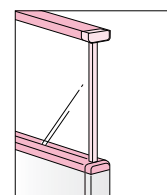
3-Way
Connector Kit



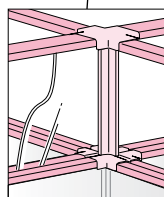
Straight Track Kit



End Kit



2-Way
Connector Kit



4-Way
Connector Kit



Clerestory kits are compatible only with standard panels installed at 90° angles.

For UniGroup Too applications, 90° Finish Post must be replaced with UniGroup 90° Finish Posts so radius aesthetic matches 2-Way corner pieces. Field cut to size.

Consult local building codes to ensure that Clerestory kit applications comply.

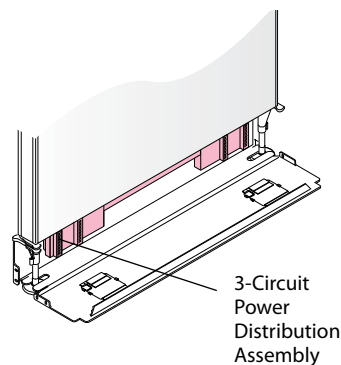
Electrical and Cable Management: Overview

Electrical Management

UniGroup Too, UniGroup and PLACES system accommodates all electrical and cable management needs through the Power Base electrical distribution system and multiple cable pathways.

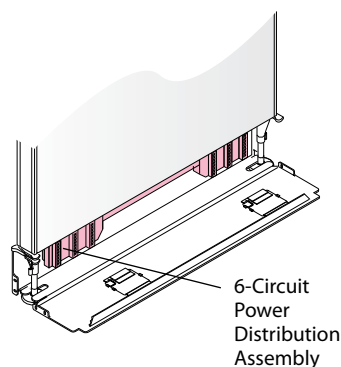
The Power Base Electrical Distribution System

The Power Base is a pre-wired electrical distribution system available in the panel base raceway and at worksurface height in the beltline panel raceway. The Power Base is offered in the following options:



3-Circuit Power Base

- As many as three separate 20-amp rated circuits from one power feed module
- 8-Wire system enclosed in one power distribution assembly
 - 3 Hot wires
 - 3 Neutral wires
 - 1 Common ground wire
 - 1 Isolated ground wire
- Separate neutrals, one dedicated to each circuit, are capable of carrying computer-quality power
- Four receptacle sites (two on each side of the panel), except on 12" (305mm)-wide panels



6-Circuit Power Base

- As many as six separate 20-amp rated circuits from one power feed module
- 14-Wire system enclosed in one power distribution assembly
 - 6 Hot wires
 - 6 Neutral wires
 - 1 Common ground wire
 - 1 Isolated ground wire
- Separate neutrals, one dedicated to each circuit, are capable of carrying computer-quality power
- Four receptacle sites (two on each side of the panel), on 24" (610mm) wide panels and wider

Tips

- Hot wires carry electrical current from the power source to the equipment.
- Neutral wires are always used with hot wires to complete a circuit, carrying electrical current back to the power source.
- A common ground wire is attached to the earth through a ground rod.
- An isolated ground wire is electrically and mechanically separated from the common ground until connected to the ground rod.
- All circuits can access either common or isolated grounds.

Note

For details on additional Power Base solutions for Chicago Hardwire and New York Electrical Code applications, refer to the Price List section.

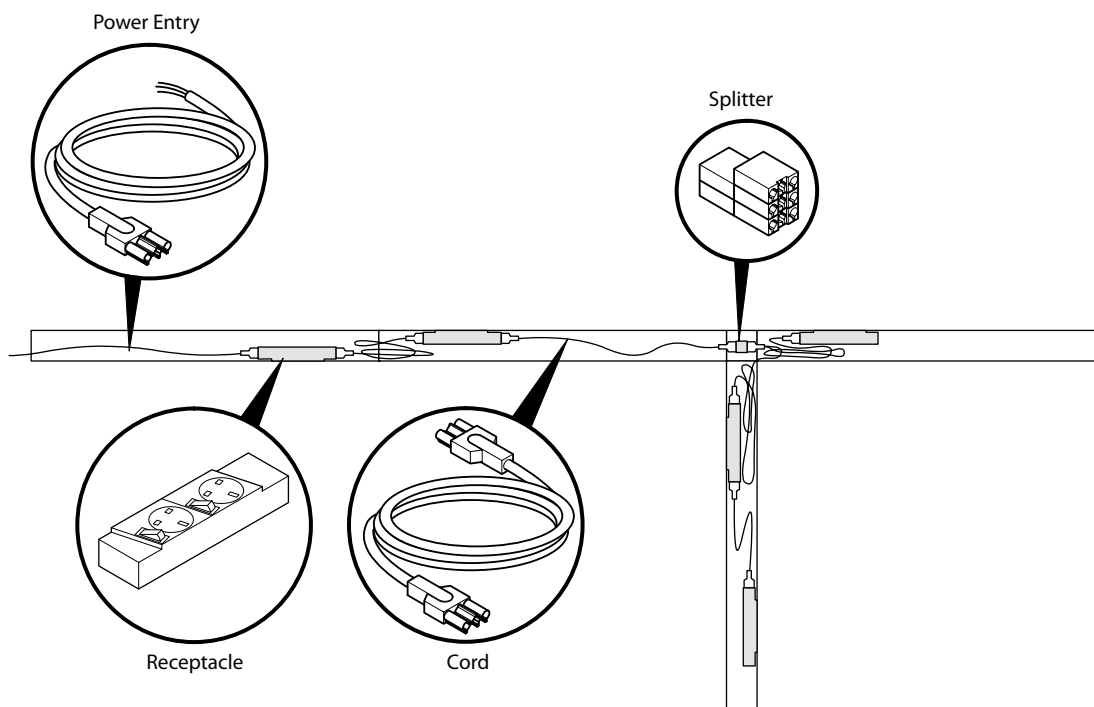
Electrical and Cable Management: Overview

International Power Planning

For electrical applications outside North America, we recommend the use of Power Logic soft wiring components. Power Logic offers a system of single circuit power cords and receptacle modules that fit into our non-powered Base Raceway. Receptacle Modules are offered with two sockets (three and four socket versions also available). Each Receptacle Module has sockets, switches, and fuses that are appropriate for each country around the world.

- Use a Power Entry Cord to bring power into the Panel's Base Raceway and feed a Receptacle Module mounted to the Base Raceway Cover.
- Use additional Cords to route power to additional receptacles as needed.
- Use a Splitter to branch out in multiple directions (up to four).

Contact the Power Logic regional sales office in your area to help with planning details to assure local electrical code compliance. Contact Power Logic via the Haworth/Power logic website (www.haworth.com/powerlogic), or through their corporate offices in Cape Town, South Africa at 27-21-704-1450. Power Logic also offers power solutions for desk top, conference table, or freestanding power applications.



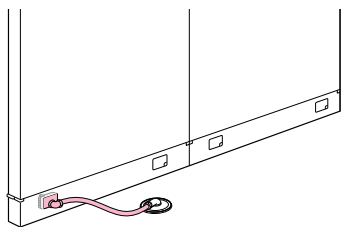
Electrical and Cable Management: Overview

Power Base electrical components are designed to address four power distribution functions:

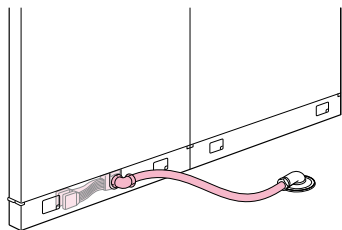
- 1. Building-to-Panel
- 2. Within the Panel
- 3. Panel-to-Panel
- 4. Panel-to-Electrical Equipment

Electrical Distribution: Building-to-Panel

There are two ways of distributing power from the building power source to panels. Base feed modules supply building power from the floor, wall, or column. Top feed modules supply power from the space above a 10' (3.05m) or lower ceiling.



3-Circuit Base Feed Module
BFM - 1 - B



6-Circuit Base Feed Module
BFM - 1 - 6

Base Feed Modules

- Carry power from the building distribution grid into straight or ported
- UniGroup Too, UniGroup, and PLACES meets Chicago Electrical Standards with separately specified products

Base Feed Module Examples

BASE FEEDS	DESCRIPTION
BFM-2-B	Single-Circuit, 20-amp cord feed (U.S.A. use only)
BFM-2-A	Single-Circuit, 15-amp cord feed (Canadian use only)
BFM-1-B	3-Circuit, hardwire connection (liquid-tight conduit)
BFM-6-B	3-Circuit, concealed hardwire connection
BFM-1-6	6-Circuit, hardwire connection (liquid-tight conduit)
BFM-6-6	6-Circuit, concealed hardwire connection
BFM-8-B	Raised Floor Base Feed Module

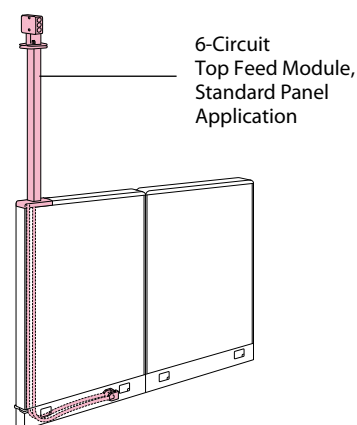
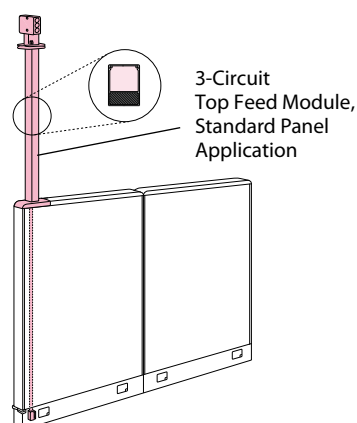
- Tips

 - Minimum panel widths are 18" (457mm) for 3-Circuit Power Base applications, and 24" (610mm) for 6-Circuit.
 - 3-Circuit concealed base feeds can be installed on 36" (914mm)-wide or wider panels.
 - 6-Circuit concealed base feeds can be installed on 42" (1067mm)-wide or wider panels.
 - For single- and 3-Circuit base feeds, panels offer four entry sites: two base raceway receptacle locations on each side of the panel.
 - For 6-Circuit base feeds, the entry site must be field-cut into the base raceway cover.
 - The number of base feed modules needed for a workstation cluster will depend on the amperage load.
 - 3-Circuit base feed can be rotated 180° right to left.

Note Refer to the 3-Circuit Power Base and 6-Circuit Power Base Planning Guides for power planning guidelines.

Electrical and Cable Management: UniGroup Too and UniGroup

Top Feed Modules



Top Feed Modules: UniGroup Too/UniGroup

- Carry power from the ceiling into powered panels (power access is not available in doors)
- Feature a pre-wired vertical aluminum raceway with a separate channel for routing communication cable (except for 6-Circuit)
- 3-Circuit Top Feed designed for use with ceilings 10' (3048mm) or 12' (3658mm)
- 6-Circuit Top Feed designed for use with ceilings 10' (3048mm)
- Enters the panel at either end of the panel's top cap

UniGroup Too Top Feed Modules

TOP FEEDS	DESCRIPTION
EZFM-2, -4, -6, -8	3-Circuit, 10' ceiling height
EZFM-X	3-Circuit, 12' ceiling height
EZFM-10-6, -12-6, -14-6, -16-6, -18-6, -20-6	6-Circuit, 10' ceiling height

UniGroup Top Feed Modules

TOP FEEDS	DESCRIPTION
TFM-4-B,-6-B,-8-B	3-Circuit, 10' ceiling height
TFM-X-B	3-Circuit, 12' ceiling height
TFM-14,-16,-18,-20	6-Circuit, 10' ceiling height

Tips

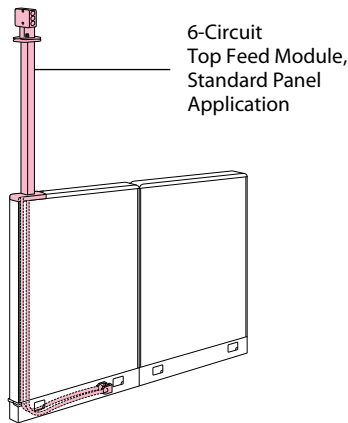
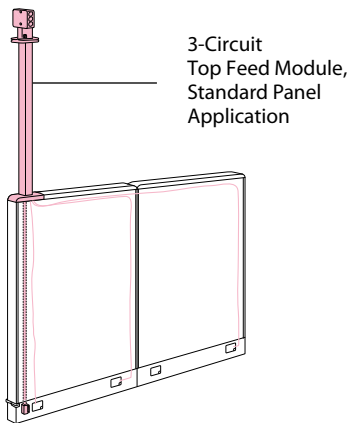
- Minimum panel widths are 18" (457mm) for 3-Circuit Power Base applications, and 24" (610mm) for 6-Circuit.
- UniGroup top feed module minimum panel height is 44" (1118mm).
- Refer to the Price List to specify the appropriate top feed module length for the intended application.
- The number of top feed modules needed for a workstation cluster will depend on the amperage load.
- Top feed modules cannot be used with open-frame or glazed panels.

Note

Refer to the 3-Circuit Power Base and 6-Circuit Power Base Planning Guides for power planning guidelines.

Electrical and Cable Management: PLACES

Top Feed Modules



Top Feed Modules: PLACES

- Carry power from the ceiling into powered panels (power access is not available in doors)
- Feature a pre-wired vertical aluminum raceway with a separate channel for routing communication cable (except for 6-Circuit)
- 3-Circuit Top Feed module provides opening to top pathway of panel for routing of communication cable
- 3-Circuit Top Feed designed for use with ceilings 10' (3048mm) or 12' (3658mm)
- 6-Circuit Top Feed designed for use with ceilings 10' (3048mm)
- Enters the panel at either end of the panel's top cap

PLACES Top Feed Module Examples

TOP FEEDS	DESCRIPTION
HTFM-0004,-0006,-0008	3-Circuit, 10' ceiling, standard and ported panel applications
HTFM-X	3-Circuit, 12' ceiling, standard and ported panel applications
HTFM-14,-16,-18	6-Circuit, 10' ceiling, standard panel application

Tips

- Minimum panel widths are 18" (457mm) for 3-Circuit Power Base applications, and 24" (610mm) for 6-Circuit.
- PLACES top feed module minimum panel height is 44" (1118mm).
- Refer to the Price List to specify the appropriate top feed module length for the intended application.
- The number of top feed modules needed for a workstation cluster will depend on the amperage load.
- Top feed modules cannot be used with open-frame or glazed panels.

Note

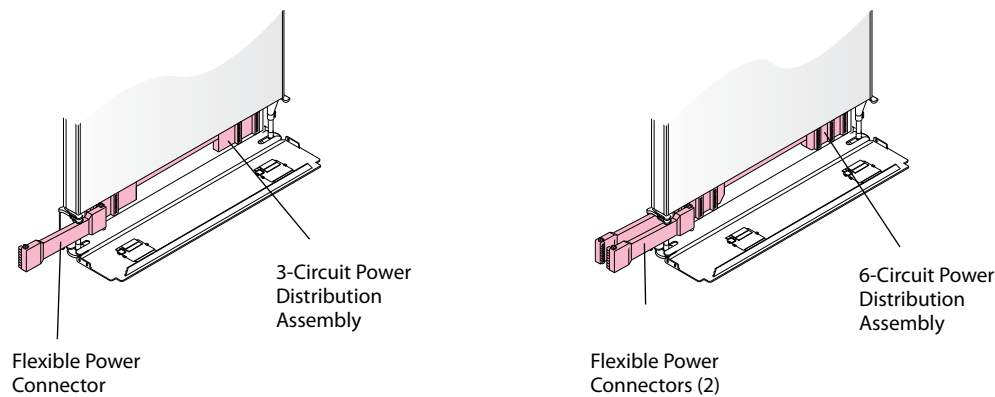
Refer to the 3-Circuit Power Base and 6-Circuit Power Base Planning Guides for power planning guidelines

Electrical and Cable Management: Electrical Distribution

Electrical Distribution within the Panel

Base Raceway

- Power distribution assemblies (PDAs) installed in the base raceway are included with powered panels; assemblies are shipped separately for New York City applications
- Panels are available with 3-Circuit or 6-Circuit PDAs
- Raceway retrofit kits are available to convert non-powered panels to powered

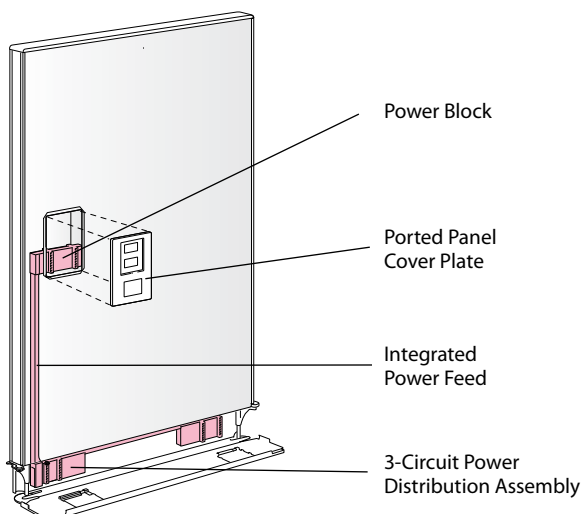


Tip

All powered panels are shipped with one Power Base PDA and 0.95 Flexible Power Connector for 3-Circuit or 1.85 Flexible Power Connectors for 6-Circuit (rounded up to the nearest whole number).

Ported Panel (Available in PLACES Only)

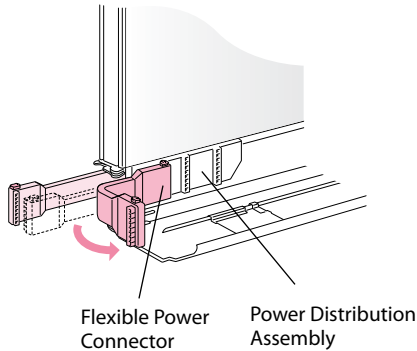
- Available with 3-Circuit only
- Ported panels include a worksurface-height power block that accepts any duplex power receptacle
- An integrated power feed transfers power from the base raceway's 3-Circuit PDA to the worksurface-height power block



Electrical and Cable Management: Electrical Distribution

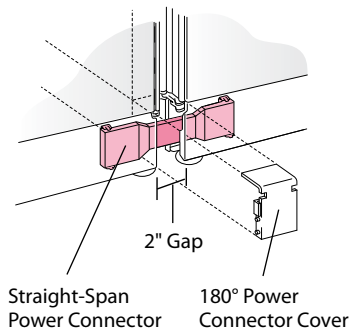
Electrical Distribution: Panel-to-Panel

Power is distributed between connected panels with three types of power connectors:



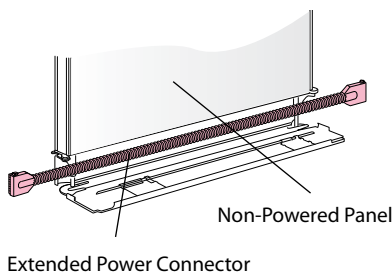
Flexible Power Connectors

- All powered panels are shipped with one Power Base PDA and 0.95 Flexible Power Connector for 3-Circuit or 1.85 Flexible Power Connectors for 6-Circuit (rounded up to the nearest whole number).
- Completes electrical circuit between adjacent powered panels in straight or angled conditions
- Inserts into either end of the power distribution assembly on either side of the raceway



Straight-Span Power Connectors

- Specified separately
- Continues power in a straight panel run, through the 2" (51mm) gap created by the intersection of a non-powered panel(s) in a 3-Way or 4-Way panel configuration
- In 6-Circuit applications, also continues power for the outside span in 90° and 120° panel configurations
- Inserts into either end of the power distribution assembly on either side of the raceway



Extended Power Connectors

- Specified separately, available for 12" and 18" Wide panels only
- Continues power through one non-powered panel installed between powered panels
- Inserts into either end of the power distribution assembly on either side of the raceway



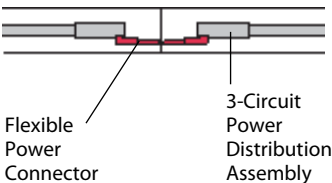
For 12" Wide powered panel, extended power connector ships with the panel (pass-through).

Electrical and Cable Management: Electrical Distribution

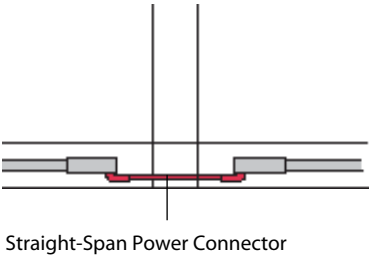
Flexible and Straight-Span Power Connector Applications: 3-Circuit Power Base

These top view illustrations show how flexible and straight-span power connectors are used to continue power between 3-Circuit Power Base power distribution assemblies in adjacent panels:

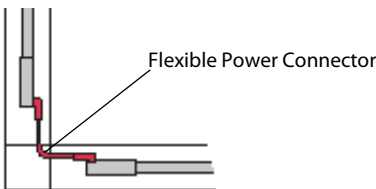
Straight Condition



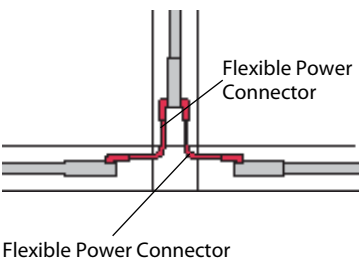
Straight Condition



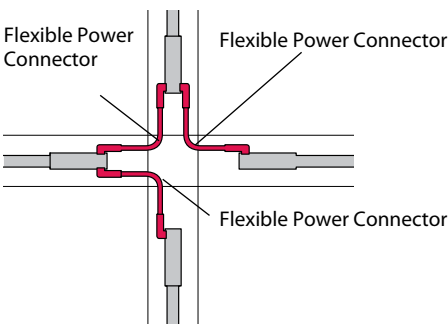
90° Corner Condition



3-Way Condition



4-Way Condition

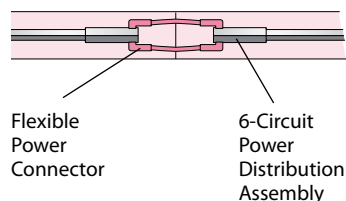


Electrical and Cable Management: Electrical Distribution

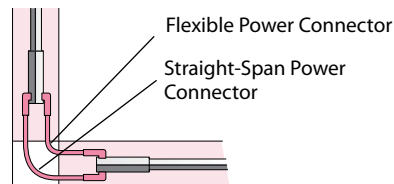
Flexible and Straight-Span Power Connector Applications: 6-Circuit Power Base

These illustrations show how flexible and straight-span power connectors are used to continue power when between 6-Circuit Power Base power distribution assemblies in adjacent panels:

Straight Condition



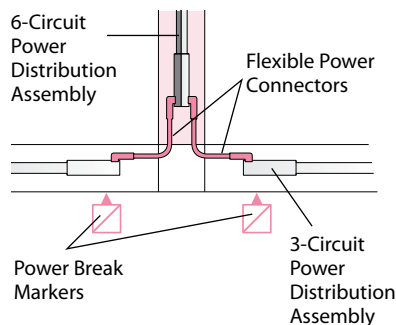
90° Corner Condition



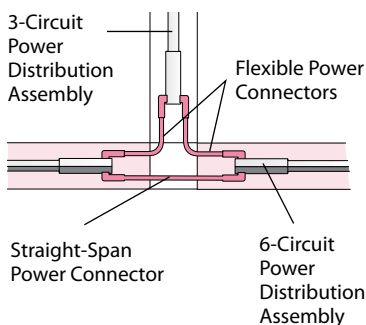
Flexible and Straight-Span Power Connector Applications: Interface of 6-Circuit Power Base and 3-Circuit Power Base

These illustrations show how flexible and straight-span power connectors are used to continue power when 3-Circuit Power Base and 6-Circuit Power Base power distribution assemblies are interfaced in adjacent panels:

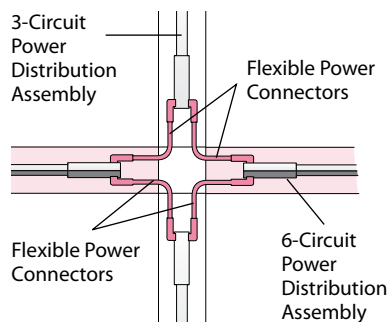
3-Way Condition



3-Way Condition



4-Way Condition



Note Power Break markers are used to prevent installation of unauthorized or unplanned connectors.

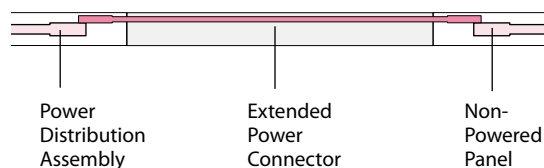
Electrical and Cable Management: Electrical Distribution

Extended Power Connector Applications

Extended power connectors cannot be coupled together. Specify short, medium, or long width versions to address specific straight or 90° panel configurations. Available in 12" and 18" widths.

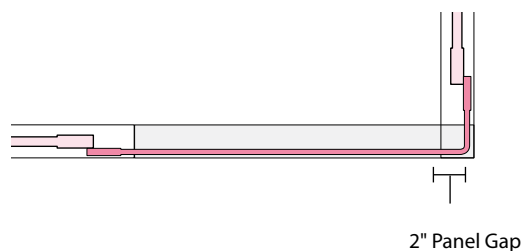
Short Width Version

- Used in straight-line conditions only



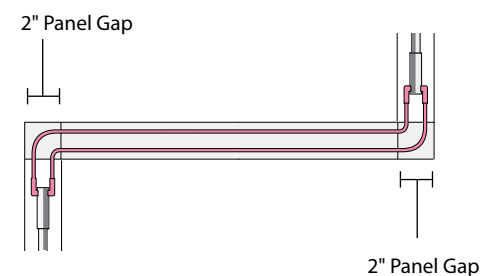
Medium Width Version

- Used to continue power through non-powered panel(s) and the 2" (51mm) gap created by one 90° or 3-Way panel junction



Long Width Version

- Used to continue power through non-powered panel(s) and the 2" (51mm) gap created by two 90° or 3-Way panel junctions



Note

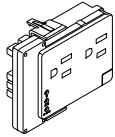
If the panel configuration is complicated, err on the long side when specifying connectors. The extra length can be hidden within the raceway cover.

Electrical and Cable Management: Electrical Distribution

Electrical Distribution: Panel-to-Electrical Equipment

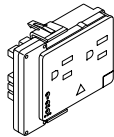
Panel-based power is accessed using 15 amp-rated power receptacles. Receptacles easily snap into openings located in the panel's base raceway, beltline raceway, and ported panel cover plate.

Common
Ground

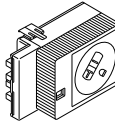


PRD - 3 - B

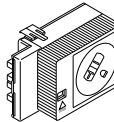
Isolated
Ground



PRDI - 5 - B



PRS - 2 - B



PRSI - 2 - B

Power Receptacle Types

UniGroup Too, UniGroup, and PLACES offers three types of receptacles:

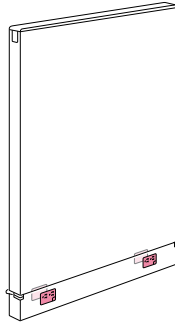
15 amp duplex, common or isolated ground:

- Two outlets with field-programmed access to any one of three circuits; typically specified for general electrical use

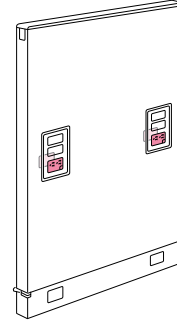
20 amp simplex, common or isolated ground:

- One outlet with field-programmed access to any one of the three circuits; specified for heavy amp draw equipment

Each type of receptacle has a circuit selector switch on the reverse side. An indicator window on the receptacle's front face shows the programmed circuit number (1, 2, or 3). These features make it possible for facilities to easily move a receptacle from one furniture location to another and to change the receptacle circuit from one to another without replacing the receptacle.



Power Receptacle Sites:
Base Raceway
(4 per powered panel)



Power Receptacle Sites:
Ported Panel Cover Plate
(4 additional locations)

Note For Information on worksurface-mounted Docking Modules and Power Modules providing worksurface-height receptacle access refer to Worksurface Accessories and Electrical section of Specification Guide.

Electrical and Cable Management: Electrical Planning Overview

Power Base products are listed for use with multiple building power sources. Because each circuit has a separate neutral conductor, the power sources used may be from standard building power or other quality enhanced power systems such as an uninterruptible power supply. Individual power sources must be grounded power sources that must be connected to the same grounding electrode or a single grounding electrode system. Be sure of ground continuity when using uninterruptible power supplies and isolation transformers.

Electrical Planning Guidelines

Some limitations of the Power Base system are determined by regulatory recommendations and guidelines:

- The National Electrical Code (NEC) recommends that a circuit length be limited so that the voltage drop does not exceed 5% (210-19)
- The NEC limits the amount of continuous load to 80% of the circuit rating (384-16). Therefore, the total amperage drawn on any Power Base circuit should not exceed 16 amps if equipment (computers, lighting fixtures, etc.) is drawing power continuously for three or more hours. Equipment requiring a high initial amperage draw to be activated (paper shredders, laser printers, etc.) should be placed on a circuit limited to a 16-amp capacity. A single circuit may also be dedicated to high-amperage equipment (photocopiers, CAD equipment, etc.).
- The number of receptacles, maximum 13 per circuit, is limited by calculating the current drawn from specific equipment (based on nameplate rating) or if the load is not known, a minimum of 180 Volt-Amperes (220-3) per receptacle
- The NEC also states that multiple power sources within a building must use the same grounding electrode (250-54) and that the ground path have sufficiently low impedance to facilitate the operation of circuit protective devices (250-51)

Regard local codes carefully, because they may dictate the limit of receptacles allowed on each circuit below the National Code's limit. Within local code guidelines, limit the receptacle installation to the minimum necessary to power the equipment in the current workstation plan. Avoid providing receptacles for projected needs, because surplus receptacle availability may encourage use of unauthorized equipment and lead to electrical overloads.

Note Refer to the 3-Circuit Power Base and 6-Circuit Power Base Planning Guides for circuit loading and balancing details.

Cable Management: UniGroup Too and UniGroup

UniGroup Too and UniGroup addresses the distribution of communication cables with panel-integrated cable pathways and access points. A separately specified horizontal Expanded Top Cap Raceway is also available for use with UniGroup (see Price List).

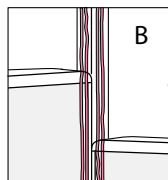
Cables can be routed through these pathways:

- A. Panel base pathway
- B. Cable management pole channel
- C. Top feed module channel

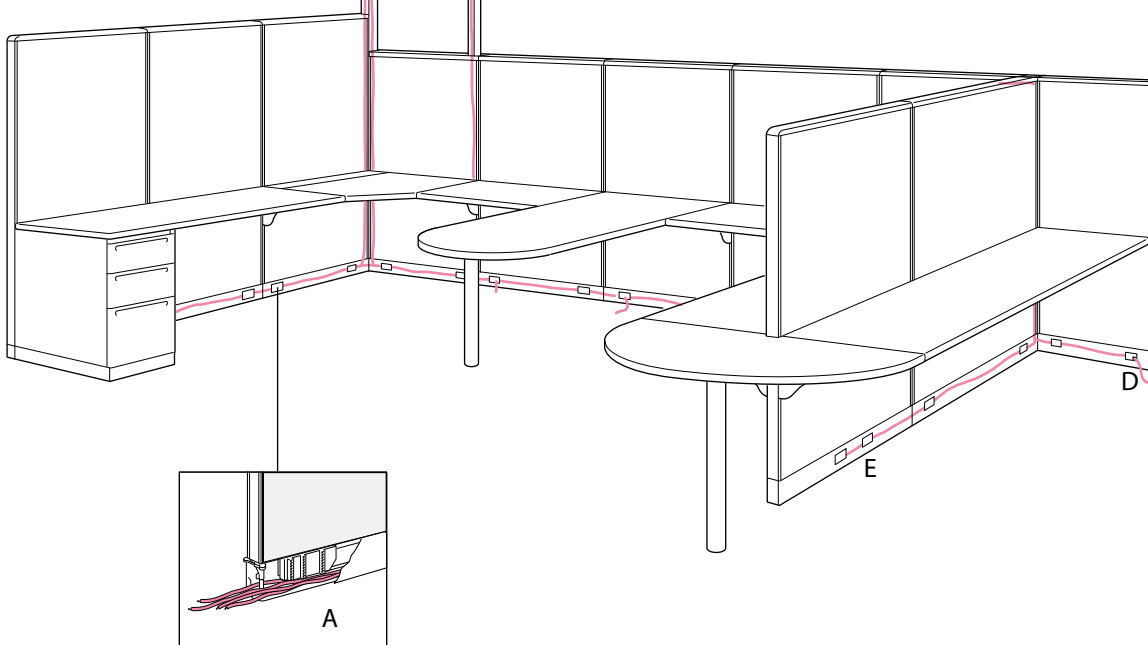
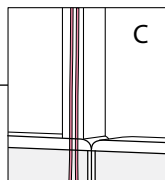
Cables can be accessed at these locations:

- D. Up to four base raceway receptacle sites per panel (using bottom corner of receptacle)
- E. Up to two communication ports in ported base raceway covers (per side)

Cable Management
Pole Channel with Panel
Vertical Pathway



Top Feed Module
Channel with Panel
Vertical Pathway



Base Pathway

Note Refer to Haworth's Guide to Cable Management brochure for more information about communication cable specification and planning.

Cable Management: PLACES

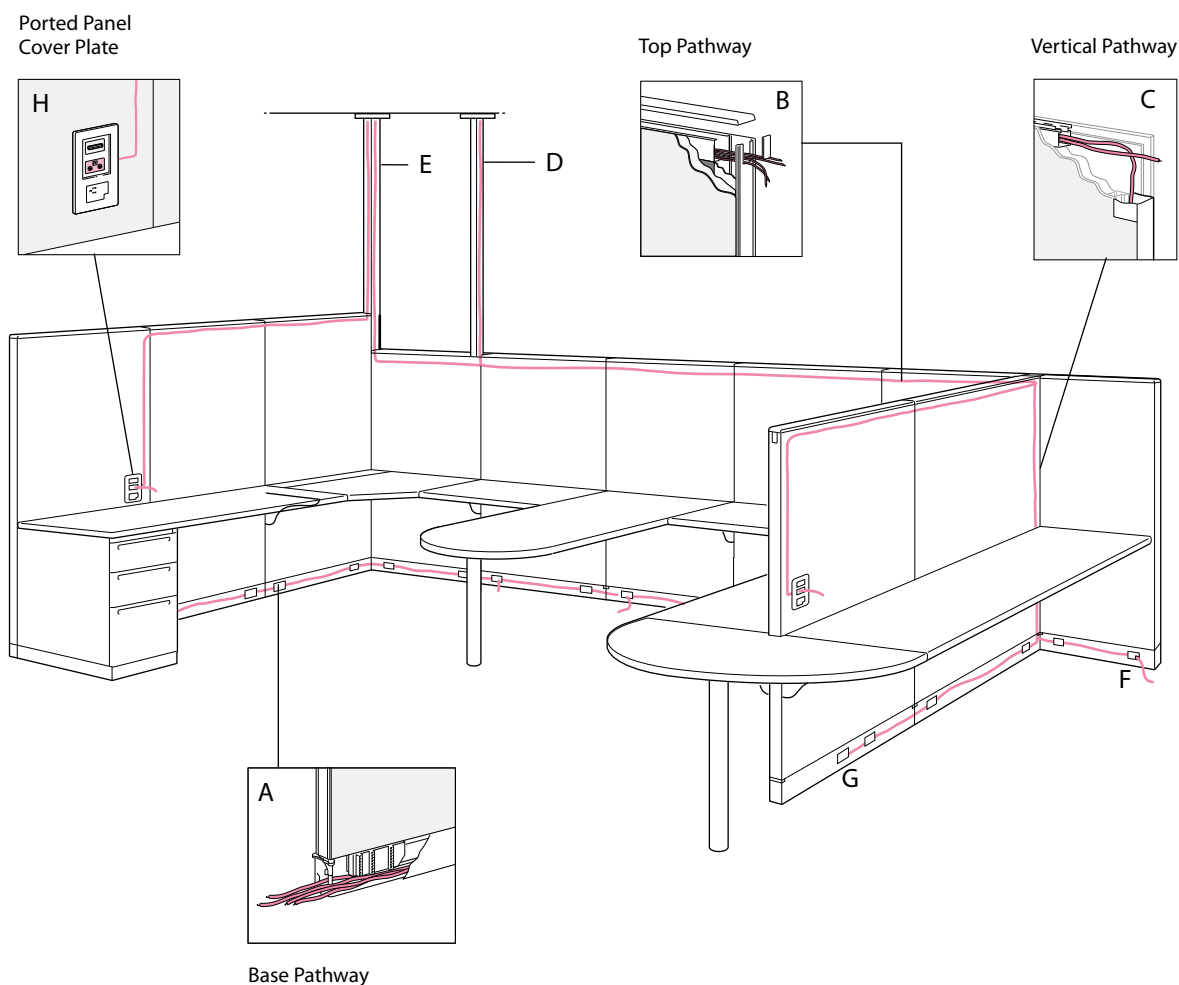
PLACES addresses the distribution of communication cables with panel-integrated cable pathways and access points.

Cables can be routed through these pathways:

- A. Panel base pathway
- B. Panel top pathway
- C. Panel vertical pathway
- D. Top feed module channel
- E. Cable management pole

Cables can be accessed at these locations:

- F. Up to four base raceway receptacle sites per panel (using bottom corner of receptacle)
- G. Up to two communication ports in ported base raceway covers (per side)
- H. Up to two communication ports in ported panel cover plates



Tip Ported Panels available in PLACES Only.



Note Refer to Haworth's Guide to Cable Management brochure for more information about communication cable specification and planning.

Cable Management: UniGroup Too, UniGroup, and PLACES

Communication Cable Routing

UniGroup Too, UniGroup, and PLACES panels normally accept building cable infeeds from either floor or ceiling locations. Floor infeeds go directly to the base pathway at a variety of locations, and ceiling infeeds offer several options.

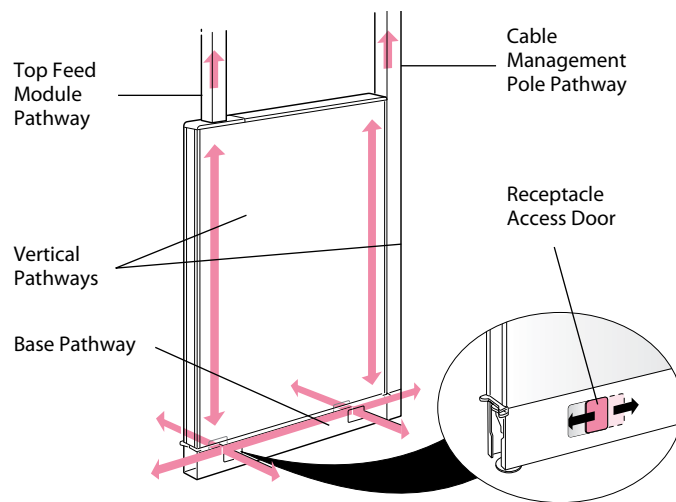
UniGroup panels have three integrated pathways for cable routing throughout the system installation. There are four access points in the base raceway cover, and two more at the open ends of the raceway. From these access points, cables can be routed through the base cable pathway or up through the vertical cable pathways.

Cable management poles and top feed modules integrate with the panel's top, base, and vertical pathways to route cables from ceiling infeeds.

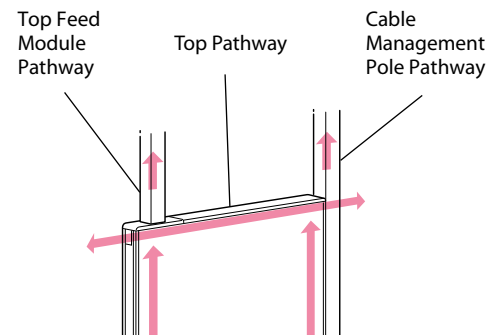
Cable Capacities: 2" (51mm)-thick Standard Panel

The chart below shows the number of Category 5, 4-pair unshielded twisted pair (UTP) cables that can be routed through specific pathways of the 2" (51mm)-thick standard panel. Cable capacities are based on 0.20", 0.25", and 0.30" Diameter cables at 60% and 40% fill capacity.

UniGroup Too, UniGroup, and PLACES Pathways



PLACES Top Panel Pathway



Pathway Capacities

Cable Pathway Area

Cable Capacity

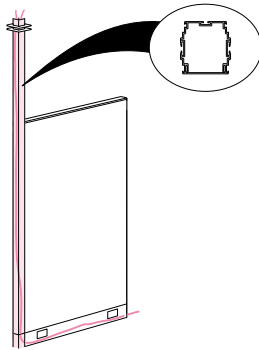
	SQ. IN.		SQ. MM.		60% FILL			40% FILL		
			0.20"	0.25"	0.30"	0.20"	0.25"	0.30"		
Example										
One square inch pathway	1.0	645	19	12	8	13	8	6		
Fabric, Laminate, Wood, and Glass Panel (unless otherwise noted)										
Base Raceway, Powered	1.1	710	21	13	9	14	9	6		
Base Raceway, Non-Powered	5.6	3613	107	68	48	71	46	32		
One Vertical Pathway (2/panel, 0.9 each)	0.9	581	17	11	8	11	7	5		
Top Pathway (PLACES)	1.6	1032	31	20	14	20	13	9		
Top Glazed/Open Frame Pathway (PLACES)	1.4	903	27	17	12	18	11	8		
One Vertical Glazed/Open Frame Pathway (2/panel, 1.2 each)	1.2	774	23	15	10	15	10	7		
Top Feed Module	0.9	581	17	11	8	11	7	5		
Cable Management Pole	2.8	1806	54	34	24	36	23	16		
Expanded Top Cap (optional for UniGroup)	2.9	1871	55	35	25	37	24	16		

Note • TIA/EIA 569A suggests a cable fill of 40% for planning and up to 60% for unplanned additions.

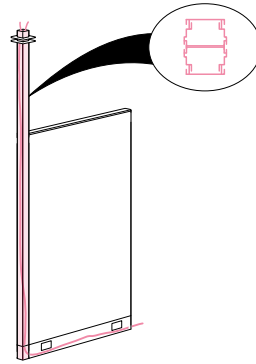
Cable Management: UniGroup Too and UniGroup

Ceiling-Height Cable Management Poles: One- and Two-Channel

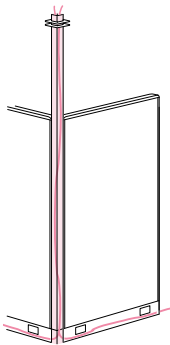
- Carry cables from the space above the ceiling to panel pathways
- Available in 10' (3048mm) length
- Made with two-piece construction
- Dedicated to communication and data cabling only; offering more capacity than the top feed module
- Two-channel design provides access to cables on both sides of a panel from adjacent workstations — at expanded top cap height and at the base raceway cover



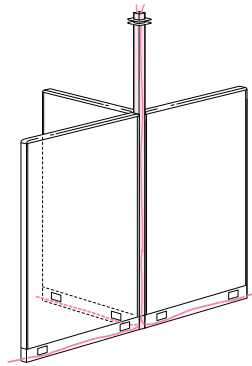
End-of-Run Condition
(with One Channel detail)



End-of-Run Condition
(with Two Channel detail)



2-Way 90° Condition



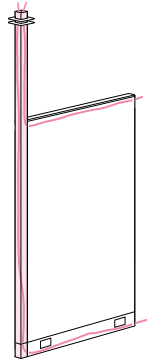
3-Way Condition

Note A 4-Way condition can be met with a 3-Way cable management pole.

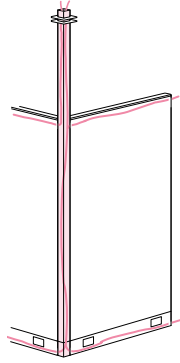
Cable Management: PLACES

Ceiling-Height Cable Management Poles

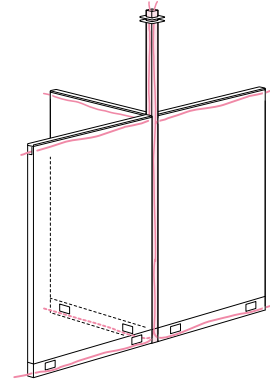
- Carry cables from the space above the ceiling to panel pathways
- Available in two lengths: 10'(3048mm) and 12'(3658mm)
- Made with two-piece construction; the top piece is slotted for cable routing into the panel's top pathway
- Dedicated to communication and data cabling only, offering more capacity than the top feed module



End-of-Run Condition



2-Way 90° Condition

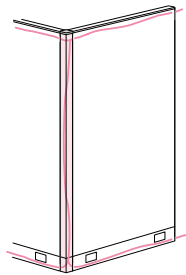


3-Way Condition

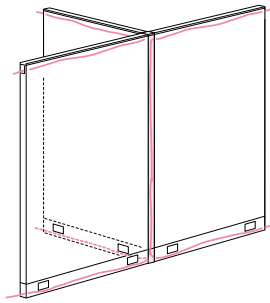
Note A 4-Way condition can be met with a 3-Way cable management pole.

Panel-Height Cable Management Poles

- Manage top-to-base cable routing in 90° corner and 180° 3-Way panel junctions



2-Way 90° Condition

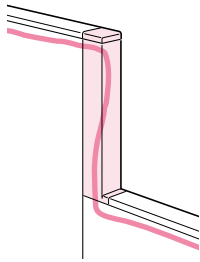


3-Way Condition

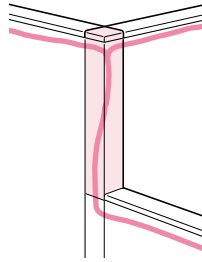
Cable Management: PLACES

Variable-Height Cable Management Posts

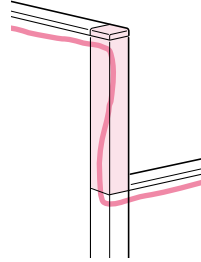
- Used in conditions where panel heights differ in one panel run
- Permits the passage of cables from the top pathway of one panel into the top pathway of another panel
- Available in wood, fabric, or painted metal surfaces
- Field cut to appropriate length if necessary



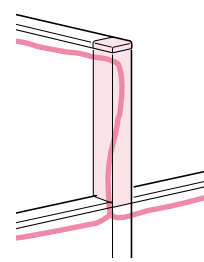
In-line Condition



3-Way
90° Condition



2-Way
90° Condition



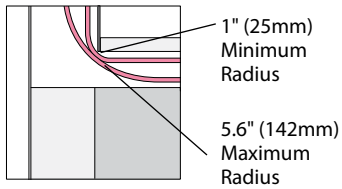
3-Way
180° Condition

Cable Management: UniGroup Too and UniGroup

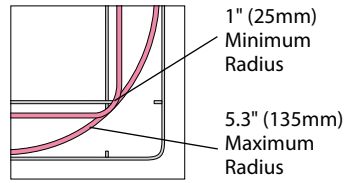
Cable Bend Radius

When planning the routing of communication cables through UniGroup Too and UniGroup panels, specifiers must consider the bend radius at the panel-to-panel connections and within the panel pathways. These illustrations depict the minimum and maximum bend radii for cables in UniGroup Too and UniGroup panels:

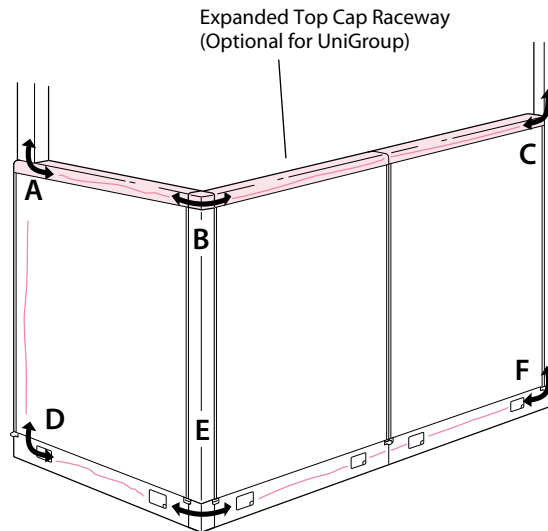
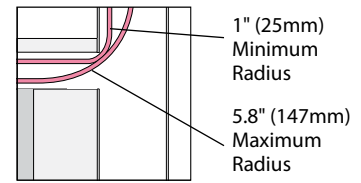
A Top Feed Module to Expanded Top Cap Raceway (Optional for UniGroup)



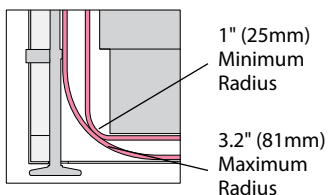
B Expanded Top Cap Pathway (Optional for UniGroup)



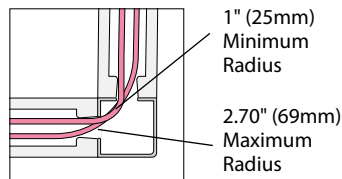
C Cable Management Pole to Expanded Top Cap Raceway (Optional for UniGroup)



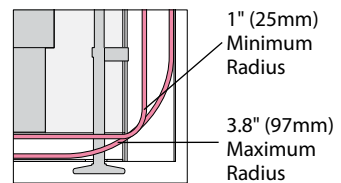
D Vertical Pathway to Base Raceway



E Base Raceway



F Cable Management Pole to Base Raceway

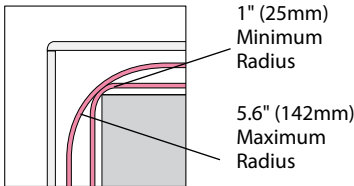


Cable Management: PLACES

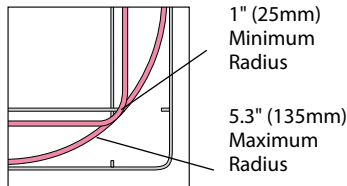
Cable Bend Radius

When planning the routing of communication cables through PLACES panels, specifiers must consider the bend radius at the panel-to-panel connections and within the panel pathways. These illustrations depict the minimum and maximum bend radii for cables in PLACES panels:

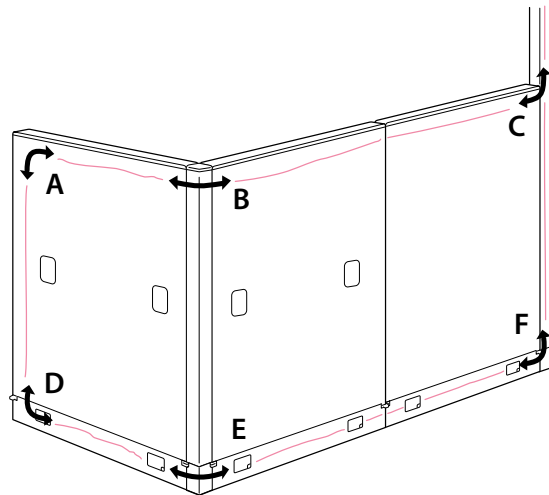
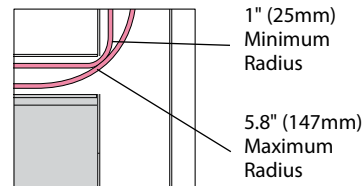
A Top Pathway to Vertical Pathway



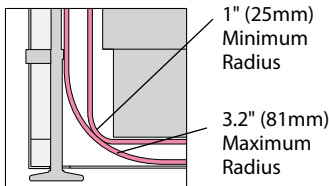
B Top Pathway



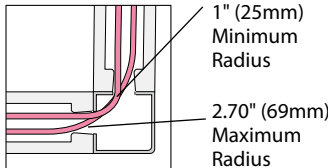
C Cable Management Pole to Top Pathway



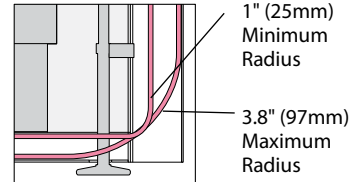
D Vertical Pathway to Base Raceway



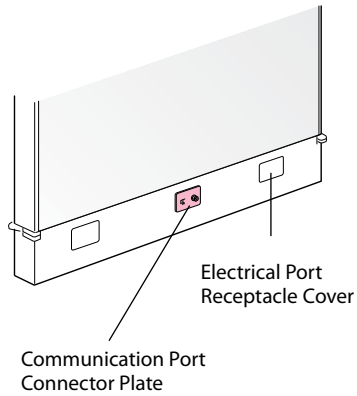
E Base Raceway



F Cable Management Pole to Base Raceway



Cable Management: UniGroup Too, UniGroup, and PLACES

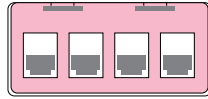


Communication Cable Access

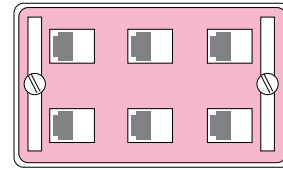
UniGroup Too, UniGroup, and PLACES panels provide three access points where communication cabling can be terminated to separately specified connector plates: ported (base) raceway covers, ported panel cover plates, and beltline raceway cover plates.

Ported (Base) Raceway Covers

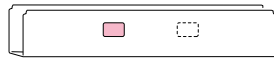
- Retrofit to powered panels
- Available in six variations to accommodate different connector modules (see examples below)
- Information plate opening measurements: 1.38" (35mm) high x 2.71" (69mm) wide, with snap-in installation
- Wall outlet (single-gang) plate opening measurements: 2.25" (57mm) high x 3.75" (95mm) wide, with screw and backer plate installation



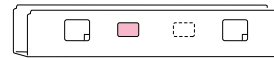
Information Plate Example
(snap-mounted)



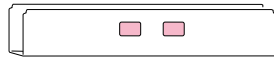
Wall Outlet (Single-Gang) Plate Example
(screw and backer plate installation)



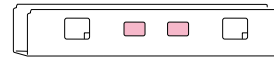
One information plate opening*
(non-powered condition)



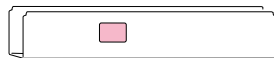
One information plate opening*
(powered condition)



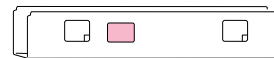
Two information plate openings
(non-powered condition)



Two information plate openings
(powered condition)



One standard wall outlet
(single-gang) opening*
(non-powered condition)

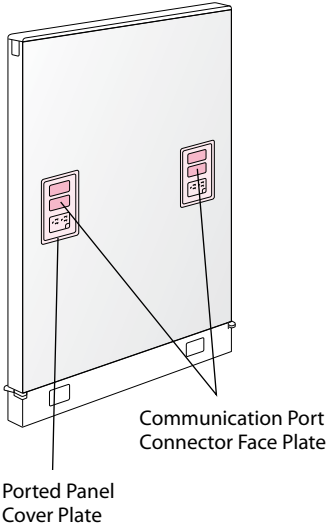


One standard wall outlet
(single-gang) opening*
(powered condition)

* Single side communication port opening shows port offset from center of panel to allow back-to-back connector installation.

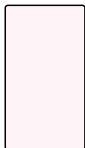
Tips

- Data plates (i.e., modular furniture and single gang faceplates) must be specified separately. Refer to the Voice and Data Price List (or field supplied).
- Order panels with no raceway cover when separately specifying ported (base) raceway covers.

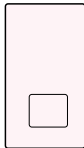


Ported Panel Cover Plates: PLACES

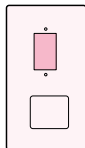
- Accommodate one or two faceplates and a duplex electrical receptacle (a metal septum separates the cable module from the electrical distribution system)
- Available in variations to accommodate different connector modules
- Information plate opening measurements: 1.38" (35mm) high x 2.71" (69mm) wide
- Standard wall outlet (single-gang) plate opening measurements: 2.00" (51mm) high x 2.75" (70mm) wide



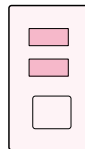
HPPC-0001



HPPC-0002



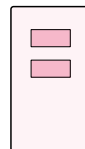
HPPC-0003



HPPC-0004



HPPC-0005



HPPC-0008

Ported Panel Cover Plate Examples

PORTED PANEL COVER PLATE	DESCRIPTION
HPPC - 0001	Blank
HPPC - 0002	Electrical Access Only
HPPC - 0003	1 Standard Wall Outlet (single-gang) Interface Module Opening
HPPC - 0004	2 Information Plate Interface Module Openings
HPPC - 0005	Fabric-Covered Blank
HPPC - 0008	2 Information Plate Interface Modular Openings, No Power

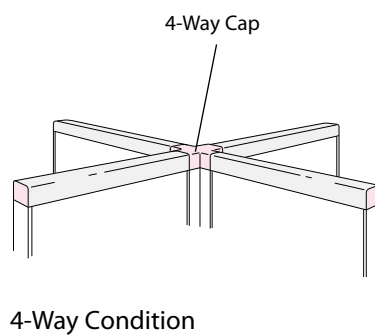
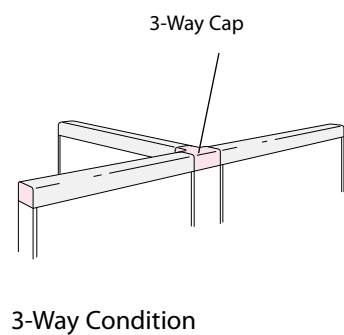
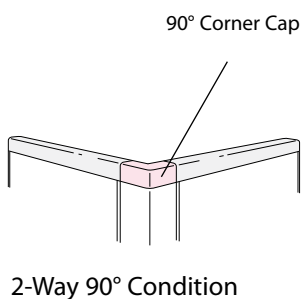
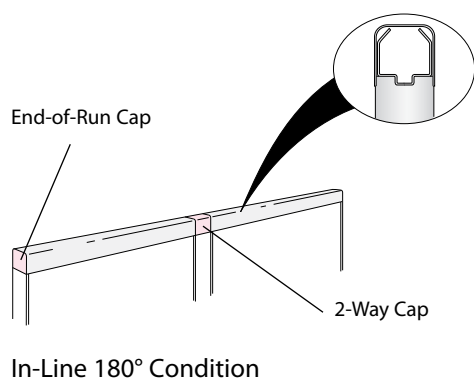
Note Refer to Haworth's Guide to Cable Management brochure for more information about communication cable specification and planning.

Cable Management: UniGroup

Expanded Top Cap Raceway (Optional for UniGroup)

- Provides horizontal cable management at top of panel
- Increases the cable storage capacity of a UniGroup panel, accommodating 55 0.20" Category 5, 4-pair unshielded twisted pair (UTP) cables based on 60% fill capacity
- Replaces panel's top cap and adds 2" (51mm) to the panel's height
- Five (5) separately specified finish caps are used to join expanded Top Caps in a panel run

Expanded Top Cap Raceway Applications



Adaptable Worksurfaces

30 Worksurface Shapes

There are 30 worksurface shapes available for UniGroup Too, UniGroup, and PLACES with the following features:

- Laminate or Wood Surfaces
- Laminate Worksurfaces: Three Edge Options
- Wood Worksurfaces: Two Edge Options
- Core Options: Two Core Options
- Optional Wireways: Two Designs or Without Wireway



Rectangular



Rectangular Key



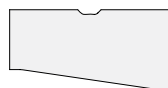
Rectangular Swell**



Rectangular Inverse Swell**



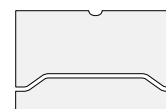
Rectangular Transition



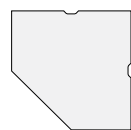
Wedge



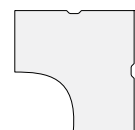
Rectangular Radius End



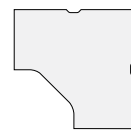
Rectangular Split Top



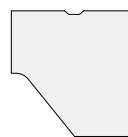
Corner, 90°
Straight Front**/**



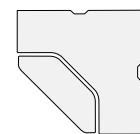
Corner, 90°
Wrap-Around



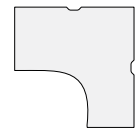
Corner, 90°
Notched



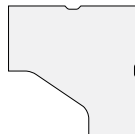
Corner, 90°
Angled**/**



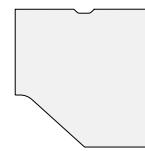
Corner, 90°
Split Top



Corner, 90°
Wrap-Around
Transitional



Corner, 90°
Notched Transitional



Corner, 90°
Angled Transitional**/**

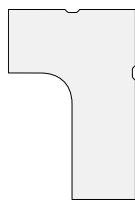
* Laminate worksurfaces not available in Cascade edge option.

** Wood worksurfaces not available in Cascade edge option.

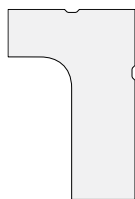
Note Handed shapes are available as mirror image.

Adaptable Worksurfaces

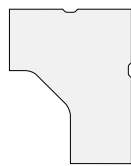
30 Worksurface Shapes, continued



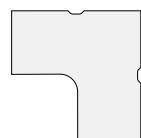
Corner, 90°
Wrap-Around
Extended



Corner, 90°
Wrap-Around
Transitional Extended



Corner, 90°
Notched Extended



90° Merger^{*/**}



Corner, 120° Wrap-Around^{**}



D-Shaped Convergent



Rectangular Convergent



D-Shaped Convergent
Wrap-Around



D-Shaped Ender



Bent



Countertop



120° Link^{**}



Conference End



Key Conference End

* Laminate worksurfaces not available in Cascade edge option.

** Wood worksurfaces not available in Cascade edge option.

Note Handed shapes are available as mirror image.

Adaptable Worksurfaces: Options

Worksurface Edge Finish/Shape/Options Chart

Worksurfaces are available with laminate or wood veneer surfaces. Refer to Price List for size availability.

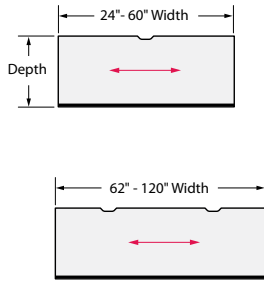
SHAPE		EDGE TREATMENT				
		LAMINATE			WOOD	
		T-MOLD	EDGE BAND	CASCADE	EDGE BAND	CASCADE
Rectangular		•	•	•	•	•
Rectangular Key		•	•	•	•	•
Rectangular Swell		•	•	•	•	
Rectangular Inverse Swell		•	•	•	•	
Rectangular Transition		•	•	•	•	•
Wedge		•	•	•	•	•
Rectangular Radius End		•	•	•	•	•
Rectangular Split Top		•	•	•	•	•
Corner, 90° Straight Front		•	•		•	
Corner, 90° Wrap-Around		•	•	•	•	•
Corner, 90° Notched		•	•	•	•	•
Corner, 90° Angled		•	•		•	
Corner, 90° Wrap-Around Transitional		•	•	•	•	•
Corner, 90° Notched Transitional		•	•	•	•	•
Corner, 90° Angled Transitional		•	•		•	
Corner, 90° Split Top		•	•	•	•	•
Corner, 90° Wrap-Around Extended		•	•	•	•	•
Corner 90° Notched Extended		•	•	•	•	•
Corner 90° Wrap-Around Transitional Extended		•	•	•	•	•
90° Merger		•	•		•	
Corner, 120° Wrap-Around		•	•	•	•	
D-Shaped Convergent		•	•	•	•	•
Rectangular Convergent		•	•	•	•	•
D-Shaped Convergent Wrap-Around		•	•	•	•	•
D-Shaped Ender		•	•	•	•	•
Bent		•	•	•	•	•
Countertop		•	•	•	•	•
Conference End		•	•	•	•	•
Key Conference End		•	•	•	•	•
120° Link		•	•	•	•	



Tip Refer to Price List for worksurface edge and size availability.

Adaptable Worksurfaces: Dimensions

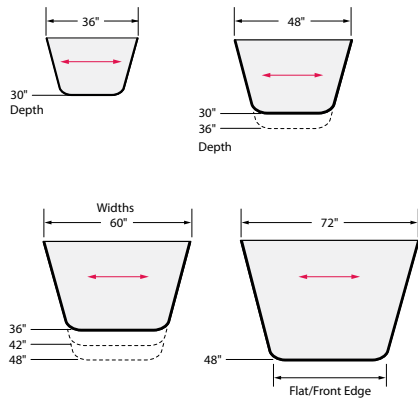
Rectangular (WURA)



NOMINAL VS (ACTUAL) DIMENSIONS

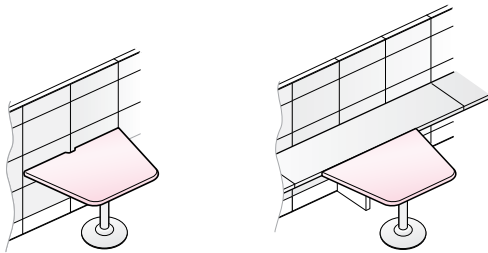
DEPTH	WIDTH		
18" = (17.68")	24" = (23.97")	60" = (59.97")	96" = (95.97")
24" = (23.68")	26" = (25.97")	62" = (61.97")	98" = (97.97")
30" = (29.68")	30" = (29.97")	66" = (65.97")	102" = (101.97")
	32" = (31.97")	68" = (67.97")	104" = (103.97")
	36" = (35.97")	72" = (71.97")	108" = (107.97")
	38" = (37.97")	74" = (73.97")	110" = (109.97")
	42" = (41.97")	78" = (77.97")	114" = (113.97")
	44" = (43.97")	80" = (79.97")	116" = (115.97")
	48" = (47.97")	84" = (83.97")	120" = (119.97")
	50" = (49.97")	86" = (85.97")	
	54" = (53.97")	90" = (89.97")	
	56" = (55.97")	92" = (91.97")	

Rectangular Key (WURY)



NOMINAL VS (ACTUAL) DIMENSIONS

DEPTH	WIDTH	LENGTH FLAT ON FRONT EDGE
30" = (29.68")	36" = (35.97")	(10.9")
30" = (29.68")	48" = (47.97")	(22.9")
36" = (35.68")	48" = (47.97")	(19.7")
36" = (35.68")	60" = (59.97")	(31.7")
36" = (35.68")	72" = (71.97")	(43.7")
42" = (41.68")	60" = (59.97")	(28.5")
42" = (41.68")	72" = (71.97")	(40.5")
48" = (47.68")	60" = (59.97")	(25.3")
48" = (47.68")	72" = (71.97")	(37.3")



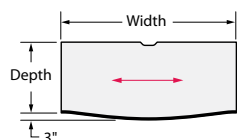
Notes • Worksurfaces require separately specified supports.

• Cascade/user edges are indicated by a thicker line.

↔ Denotes direction of wood grain laminate and wood veneer grain. Refer to the Price List for availability of finishes on specific worksurfaces.

Adaptable Worksurfaces: Dimensions

Rectangular Swell (WURS)

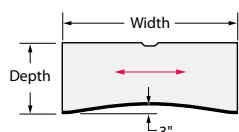


NOMINAL VS (ACTUAL) DIMENSIONS

DEPTH	WIDTH	SWELL DEPTH
18" = (17.68")	24" = (23.97")	21" = (20.68")
24" = (23.68")	30" = (29.97")	27" = (26.68")
30" = (29.68")	36" = (35.97")	33" = (32.68")
	42" = (41.97")	
	48" = (47.97")	
	54" = (53.97")	
	60" = (59.97")	

Wood worksurfaces not available in Cascade edge.

Rectangular Inverse Swell (WURW)

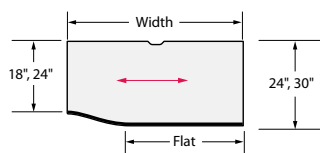


NOMINAL VS (ACTUAL) DIMENSIONS

DEPTH	WIDTH	INVERSE DEPTH
18" = (17.68")	24" = (23.97")	15" = (14.68")
24" = (23.68")	30" = (29.97")	21" = (20.68")
30" = (29.68")	36" = (35.97")	27" = (26.68")
	42" = (41.97")	
	48" = (47.97")	
	54" = (53.97")	
	60" = (59.97")	

Wood worksurfaces not available in Cascade edge.

Rectangular Transitional (WURT)



NOMINAL VS (ACTUAL) DIMENSIONS

DEPTH	WIDTH	FLAT
18"/24" = (17.68"/23.68")	24" = (23.97")	(5.97")
24"/30" = (23.68"/29.68")	30" = (29.97")	(11.97")
	36" = (35.97")	(17.97")
	42" = (41.97")	(23.97")
	48" = (47.97")	(29.97")
	54" = (53.97")	(35.97")
	60" = (59.97")	(41.97")

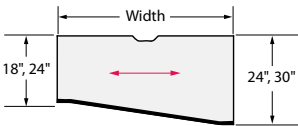
Notes • Worksurfaces require separately specified supports.

• Cascade/user edges are indicated by a thicker line.

↔ Denotes direction of wood grain laminate and wood veneer grain. Refer to the Price List for availability of finishes on specific worksurfaces.

Adaptable Worksurfaces: Dimensions

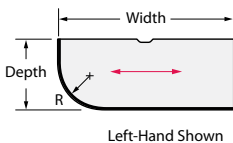
Wedge (WURE)



NOMINAL VS (ACTUAL) DIMENSIONS

DEPTH	WIDTH
18" / 24" = (17.68" / 23.68")	24" = (23.97")
24" / 30" = (23.68" / 29.68")	30" = (29.97")
	36" = (35.97")
	42" = (41.97")
	48" = (47.97")
	54" = (53.97")
	60" = (59.97")

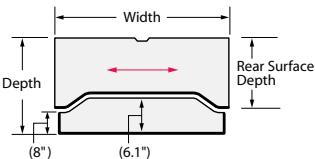
Rectangular Radius End (WURR)



NOMINAL VS (ACTUAL) DIMENSIONS

DEPTH	WIDTH	RADIUS
18" = (17.68")	24" = (23.97")	(8")
24" = (23.68")	30" = (29.97")	
30" = (29.68")	36" = (35.97")	
	42" = (41.97")	
	48" = (47.97")	
	54" = (53.97")	
	60" = (59.97")	

Rectangular Split Top (WURK)



NOMINAL VS (ACTUAL) DIMENSIONS

DEPTH	WIDTH	KEYBOARD WIDTH	REAR SURFACE DEPTH
24" = (23.68")	36" = (35.97")	(33.97")	24" = (16.56")
30" = (29.68")	42" = (41.97")	(39.97")	30" = (22.56")
	48" = (47.97")	(45.97")	

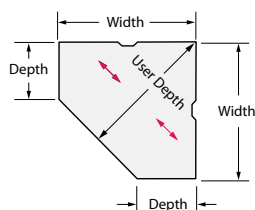
Notes • Worksurfaces require separately specified supports.

• Cascade/user edges are indicated by a thicker line.

↔ Denotes direction of wood grain laminate and wood veneer grain. Refer to the Price List for availability of finishes on specific worksurfaces.

Adaptable Worksurfaces: Dimensions

Corner, 90° Straight Front (WUCA)

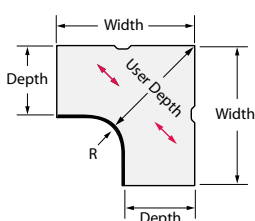


NOMINAL VS (ACTUAL) DIMENSIONS

DEPTH	WIDTH	USER DEPTH
18" = (17.68")	36" = (35.68")	18" = (37.73")
24" = (23.68")	42" = (41.68")	24" = (41.97")
30" = (29.68")	48" = (47.68")	30" = (46.22")
	54" = (53.68")	

Laminate and wood worksurfaces not available in Cascade edge option.

Corner, 90° Wrap-Around (WUCR)

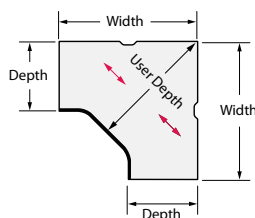


NOMINAL VS (ACTUAL) DIMENSIONS

DEPTH	WIDTH	USER DEPTH	RADIUS
18" = (17.68")	36" = (35.68")	18" = (29.2")	(10.25")*
24" = (23.68")	42" = (41.68")	24" = (37.7")	
30" = (29.68")	48" = (47.68")	30" = (46.2")*	
	54" = (53.68")		

* Exception: 30" Deep x 36" Wide: 4.25" radius, 43.7" user depth. Not available with Cascade edge or designed to accept keyboard trays.

Corner, 90° Notched (WUCN)



NOMINAL VS (ACTUAL) DIMENSIONS

DEPTH	WIDTH	USER DEPTH
18" = (17.68")	36" = (35.68")	18" = (34.8")
	42" = (41.68")	18" = (39")
	48" = (47.68")	18" = (43.3")
	54" = (53.68")	18" = (47.5")
24" = (23.68")	36" = (35.68")	24" = (39")
	42" = (41.68")	24" = (43.3")
	48" = (47.68")	24" = (47.5")
	54" = (53.68")	24" = (51.8")
30" = (29.68")	36" = (35.68")	30" = (44.1")*
	42" = (41.68")	30" = (47.5")
	48" = (47.68")	30" = (51.8")
	54" = (53.68")	30" = (56")

* Exception: 30" Deep x 36" Wide: 4.25" radius, 43.7" user depth. Not available with Cascade edge or designed to accept keyboard trays.

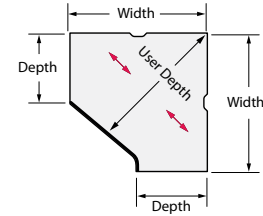
Notes • Worksurfaces require separately specified supports.

• Cascade/user edges are indicated by a thicker line.

↔ Denotes direction of wood grain laminate and wood veneer grain. Refer to the Price List for availability of finishes on specific worksurfaces.

Adaptable Worksurfaces: Dimensions

Corner, 90° Angled (WUCU)



Left-Hand Shown

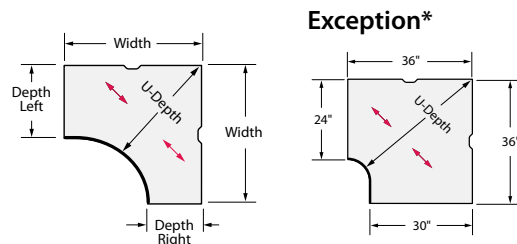
NOMINAL VS (ACTUAL) DIMENSIONS

DEPTH	WIDTH	USER DEPTH
18" = (17.68")	36" = (35.68")	(35.4")
	42" = (41.68")	(40")
	48" = (47.68")	(44.4")
	54" = (53.68")	(48.7")
24" = (23.68")	36" = (35.68")	(38.2")
	42" = (41.68")	(43.8")
	48" = (47.68")	(48.4")
	54" = (53.68")	(52.8")
30" = (29.68")	36" = (35.68")	(40")*
	42" = (41.68")	(46.3")
	48" = (47.68")	(52.2")
	54" = (53.68")	(56.9")

Laminate and wood worksurfaces not available in Cascade edge option.

* Exception: 36" Deep x 36" Wide: 4.25" radius, 40" user depth. Not available with Cascade edge or designed to accept keyboard trays.

Corner, 90° Wrap-Around Transitional (WUCT)

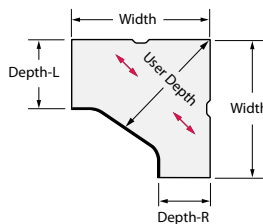


NOMINAL VS (ACTUAL) DIMENSIONS

DEPTH	WIDTH	USER DEPTH LEFT/RIGHT	RADIUS
18" = (17.68")	36" = (35.68")	18"/24" = (33.7")	(10.25")*
24" = (23.68")	42" = (41.68")	24"/18" = (33.7")	
30" = (29.68")	48" = (47.68")	24"/30" = (42.1")	
	54" = (53.68")	30"/24" = (42.1")	

* Exception: 24"/30" Deep x 36" Wide and 30"/24" Deep x 36" Wide: 4.25" radius, 39.7" user depth. Not available with Cascade edge or designed to accept keyboard trays.

Corner, 90° Notched Transitional (WUCH)



NOMINAL VS (ACTUAL) DIMENSIONS

DEPTH LEFT	WIDTH	USER DEPTH
18"/24" = (17.68"/23.68")	36" = (35.68")	(34.5")
	42" = (41.68")	(40.5")
	48" = (47.68")	(45.1")
	54" = (53.68")	(49.5")
24"/30" = (23.68"/29.68")	36" = (35.68")	(35")*
	42" = (41.68")	(42.3")
	48" = (47.68")	(48.7")
	54" = (53.68")	(53.5")

* Exception: 24"/30" Deep x 36" Wide and 30"/24" Deep x 36" Wide; 39.7" user depth. Not available with Cascade edge or designed to accept keyboard trays.

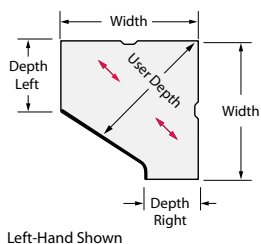
Notes • Worksurfaces require separately specified supports.

• Cascade/user edges are indicated by a thicker line.

↔ Denotes direction of wood grain laminate and wood veneer grain. Refer to the Price List for availability of finishes on specific worksurfaces.

Adaptable Worksurfaces: Dimensions

Corner, 90° Angled Transitional (WUCF)

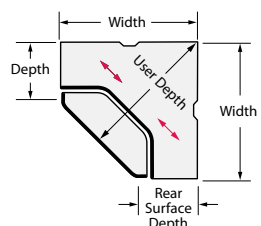


NOMINAL VS (ACTUAL) DIMENSIONS

DEPTH LEFT	WIDTH	USER DEPTH
18" / 24" = (17.68" / 23.68")	36" = (35.68")	(33.7")
	42" = (41.68")	(40.4")
	48" = (47.68")	(45.8")
	54" = (53.68")	(50.2")
24" / 30" = (23.68" / 29.68")	36" = (35.68")	(42.8")
	42" = (41.68")	(47.1")
	48" = (47.68")	(51.3")
	54" = (53.68")	(55.5")

Laminate and wood worksurfaces not available in Cascade edge option.

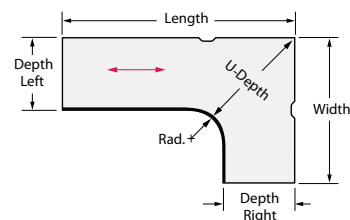
Corner, 90° Split Top (WUCK)



NOMINAL VS (ACTUAL) DIMENSIONS

DEPTH	WIDTH	USER DEPTH	KEYBOARD WIDTH	REAR SURFACE DEPTH
24" = (23.68")	48" = (47.68")	(36.7")	(39.6")	(17.68")
30" = (29.68")	48" = (47.68")	(40.9")	(39.6")	(17.68")

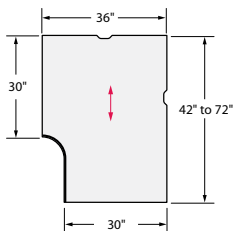
Corner, 90° Wrap-Around Extended (WUCE)



NOMINAL VS (ACTUAL) DIMENSIONS

DEPTH	WIDTH	LENGTH	USER DEPTH	RADIUS
18" = (17.68")	36" = (35.68")	42" = (41.68")	18" = (29.2")	(10.25")*
24" = (23.68")	42" = (41.68")	48" = (47.68")	24" = (37.7")	
	48" = (47.68")	54" = (53.68")	30" = (46.2")*	
30" = (29.68")	54" = (53.68")	60" = (59.68")		
	60" = (59.68")	66" = (65.68")		
		72" = (71.68")		

Exception*



* Exception: 30" Deep x 36" Wide in all lengths: 4.25" radius, 43.7" user depth. Not available with Cascade edge or designed to accept keyboard trays.

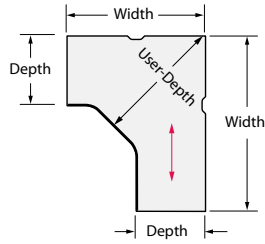
Notes • Worksurfaces require separately specified supports.

• Cascade/user edges are indicated by a thicker line.

↔ Denotes direction of wood grain laminate and wood veneer grain. Refer to the Price List for availability of finishes on specific worksurfaces.

Adaptable Worksurfaces: Dimensions

Corner, 90° Notched-Extended (WUCP)



NOMINAL VS (ACTUAL) DIMENSIONS

DEPTH	WIDTH	LENGTH	USER DEPTH
18" = (17.68")	36" = (35.68")	42" = (41.68")	(34.7")
		48" = (47.68")	
		54" = (53.68")	
		60" = (59.68")	
		66" = (65.68")	
		72" = (71.68")	
	42" = (41.68")	48" = (47.68")	(39")
		54" = (53.68")	
		60" = (59.68")	
		66" = (65.68")	
		72" = (71.68")	
	48" = (47.68")	54" = (53.68")	(43.2")
		60" = (59.68")	
		66" = (65.68")	
		72" = (71.68")	
	54" = (53.68")	60" = (59.68")	(47.5")
		66" = (65.68")	
		72" = (71.68")	
	60" = (59.68")	66" = (65.68")	(47.5")
24" = (23.68")	36" = (35.68")	42" = (41.68")	(39")
		48" = (47.68")	
		54" = (53.68")	
		60" = (59.68")	
		66" = (65.68")	
		72" = (71.68")	
	42" = (41.68")	48" = (47.68")	(43.2")
		54" = (53.68")	
		60" = (59.68")	
		66" = (65.68")	
		72" = (71.68")	
	48" = (47.68")	54" = (53.68")	(47.5")
		60" = (59.68")	
		66" = (65.68")	
		72" = (71.68")	
	54" = (53.68")	60" = (59.68")	(51.7")
		66" = (65.68")	
		72" = (71.68")	
	60" = (59.68")	66" = (65.68")	(47.5")
		72" = (71.68")	

* Exception: If width is 36" and worksurface depth of opposite side is 30", 44.1" user depth. Not available with Cascade edge or designed to accept keyboard trays.

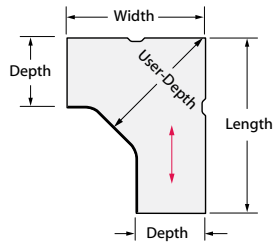
Notes • Worksurfaces require separately specified supports.

• Cascade/user edges are indicated by a thicker line.

↔ Denotes direction of wood grain laminate and wood veneer grain. Refer to the Price List for availability of finishes on specific worksurfaces.

Adaptable Worksurfaces: Dimensions

Corner, 90° Notched-Extended (WUCP), continued



NOMINAL VS (ACTUAL) DIMENSIONS

DEPTH	WIDTH	LENGTH	USER DEPTH
30" = (29.68")	36" = (35.68")	42" = (41.68")	(44.1")*
		48" = (47.68")	
		54" = (53.68")	
		60" = (59.68")	
		66" = (65.68")	
		72" = (71.68")	
	42" = (41.68")	48" = (47.68")	(47.5")
		54" = (53.68")	
		60" = (59.68")	
		66" = (65.68")	
		72" = (71.68")	
	48" = (47.68")	54" = (53.68")	(51.8")
		60" = (59.68")	
		66" = (65.68")	
		72" = (71.68")	
	54" = (53.68")	60" = (59.68")	(56")
		66" = (65.68")	
		72" = (71.68")	
	60" = (59.68")	66" = (65.68")	(60.2")
		72" = (71.68")	

* Exception: If width is 36" and worksurface depth of opposite side is 30", 44.1" user depth. Not available with Cascade edge or designed to accept keyboard trays.

Notes • Worksurfaces require separately specified supports.

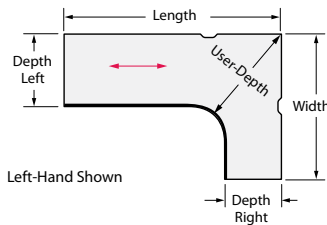
• Cascade/user edges are indicated by a thicker line.



Denotes direction of wood grain laminate and wood veneer grain. Refer to the Price List for availability of finishes on specific worksurfaces.

Adaptable Worksurfaces: Dimensions

Corner, 90° Wrap-Around Transitional Extended (WUCX)

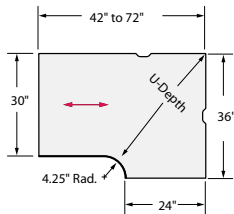


NOMINAL VS (ACTUAL) DIMENSIONS

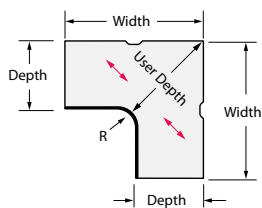
DEPTH	WIDTH	LENGTH	USER DEPTH LEFT/RIGHT	RADIUS
18" = (17.68")	36" = (35.68")	42" = (41.68")	18"/24" = (33.7")	(10.25")*
24" = (23.68")	42" = (41.68")	48" = (47.68")	24"/18" = (33.7")	
30" = (29.68")	48" = (47.68")	54" = (53.68")	24"/30" = (42.1")*	
	54" = (53.68")	60" = (59.68")	30"/24" = (42.1")*	
	60" = (59.68")	66" = (65.68")		
	72" = (71.68")			

* Exception: If width is 36" and worksurfaces depth of opposite side is 30"; 4.25" radius, 39.7" user depth. Not available with Cascade edge or designed to accept keyboard trays.

Exception*



90° Merger (WUCQ)



NOMINAL VS (ACTUAL) DIMENSIONS

DEPTH	WIDTH	USER DEPTH	RADIUS
18" = (17.68")	36" = (35.68")	(27.5")	(6")*
42" = (41.68")			
	48" = (47.68")		
24" = (23.68")	36" = (35.68")	(36")	
	42" = (41.68")		
	48" = (47.68")		
30" = (29.68")	42" = (41.68")	(44.5")	
	48" = (47.68")		

Laminate and wood worksurfaces not available in Cascade edge option.

* Exception: If width is 36" and worksurfaces depth of opposite side is 30"; 4.25" radius, 39.7" user depth and not available with Cascade edge.



All sizes are not designed to accept keyboard trays.

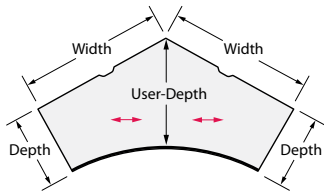
Notes • Worksurfaces require separately specified supports.

• Cascade/user edges are indicated by a thicker line.

↔ Denotes direction of wood grain laminate and wood veneer grain. Refer to the Price List for availability of finishes on specific worksurfaces.

Adaptable Worksurfaces: Dimensions

Corner, 120° Wrap-Around (WUCZ)



NOMINAL VS (ACTUAL) DIMENSIONS

DEPTH	WIDTH	USER DEPTH
18" = (17.68")	36" = (35.868")	(26.8")
	42" = (41.868")	(28.4")
	48" = (47.868")	(30")
	54" = (53.868")	(31.6")
	60" = (59.868")	(33.2")
24" = (23.68")	36" = (35.868")	(32.8")
	42" = (41.868")	(34.4")
	48" = (47.868")	(36")
	54" = (53.868")	(37.6")
	60" = (59.868")	(39.2")
30" = (29.68")	36" = (35.868")	(38.8")
	42" = (41.868")	(40.4")
	48" = (47.868")	(42")
	54" = (53.868")	(43.6")
	60" = (59.868")	(45.2")

Wood worksurfaces not available in Cascade edge option.

D-Shaped Convergent (WURD)



NOMINAL VS (ACTUAL) DIMENSIONS

WIDTH	LENGTH	DIAMETER
24" = (23.97")	36" = (35.68")	(23.97")
30" = (29.97")	42" = (41.68")	(29.97")
36" = (35.97")	48" = (47.68")	(35.97")
	54" = (53.68")	
	60" = (59.68")	
	66" = (65.68")	
	72" = (71.68")	

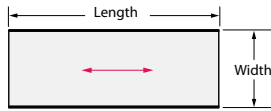
Notes • Worksurfaces require separately specified supports.

• Cascade/user edges are indicated by a thicker line.

↔ Denotes direction of wood grain laminate and wood veneer grain. Refer to the Price List for availability of finishes on specific worksurfaces.

Adaptable Worksurfaces: Dimensions

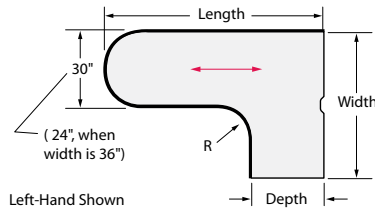
Rectangular Convergent (WURV)



NOMINAL VS (ACTUAL) DIMENSIONS

WIDTH	LENGTH
24" = (23.97")	36" = (35.68")
30" = (29.97")	42" = (41.68")
36" = (35.97")	48" = (47.68")
	54" = (53.68")
	60" = (59.68")
	66" = (65.68")
	72" = (71.68")

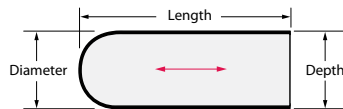
D-Shaped Convergent, Wrap-Around (WUCD)



NOMINAL VS (ACTUAL) DIMENSIONS

DEPTH	WIDTH	LENGTH	RADIUS
18" = (17.68")	36" = (35.97")	60" = (59.68")	(10.25")
24" = (23.68")	42" = (41.97")	66" = (65.68")	
30" = (29.68")	48" = (47.97")	72" = (71.68")	
	54" = (53.97")		
	60" = (59.97")		

D-Shaped Ender (WUDD)



NOMINAL VS (ACTUAL) DIMENSIONS

DEPTH	LENGTH	DIAMETER
18" = (17.68")	36" = (35.97")	(17.68")
24" = (23.68")	42" = (41.97")	(23.68")
30" = (29.68")	48" = (47.97")	(29.68")
	54" = (53.97")	
	60" = (59.97")	
	66" = (65.97")	
	72" = (71.97")	

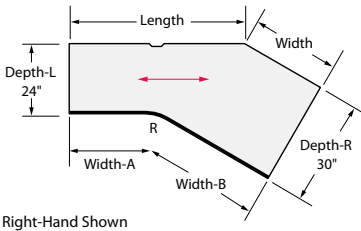
Notes • Worksurfaces require separately specified supports.

• Cascade/user edges are indicated by a thicker line.

↔ Denotes direction of wood grain laminate and wood veneer grain. Refer to the Price List for availability of finishes on specific worksurfaces.

Adaptable Worksurfaces: Dimensions

Bent (WUCB)



NOMINAL VS (ACTUAL) DIMENSIONS

DEPTH LEFT	DEPTH RIGHT	WIDTH	LENGTH	WIDTH A	WIDTH B	RADIUS
24" = (23.68")	30" = (29.68")	24" = (23.68")	36" = (35.97")	(14.8")	(24.9")	(10.25")
			42" = (41.97")	(20.8")	(24.9")	
			48" = (47.97")	(26.8")	(24.9")	
			60" = (59.97")	(38.8")	(24.9")	
		30" = (29.68")	36" = (35.97")	(14.8")	(30.9")	
			42" = (41.97")	(20.8")	(30.9")	
			48" = (47.97")	(26.8")	(30.9")	
			60" = (59.97")	(38.8")	(30.9")	

Countertop (WUTS)



NOMINAL VS (ACTUAL) DIMENSIONS

DEPTH	WIDTH	
12" = (12")	24" = (23.97")	78" = (77.97")
	30" = (29.97")	84" = (83.97")
	36" = (35.97")	90" = (89.97")
	42" = (41.97")	96" = (95.97")
	48" = (47.97")	102" = (101.97")
	54" = (53.97")	108" = (107.97")
	60" = (59.97")	114" = (113.97")
	66" = (65.97")	120" = (119.97")
	72" = (71.97")	

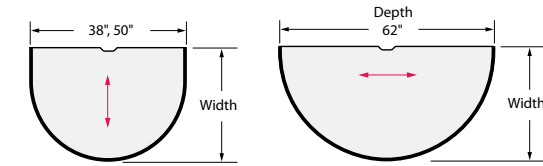
Notes • Worksurfaces require separately specified supports.

• Cascade/user edges are indicated by a thicker line.

↔ Denotes direction of wood grain laminate and wood veneer grain. Refer to the Price List for availability of finishes on specific worksurfaces.

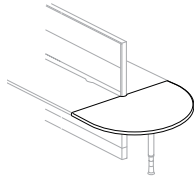
Adaptable Worksurfaces: Dimensions

Conference End (WUDC)

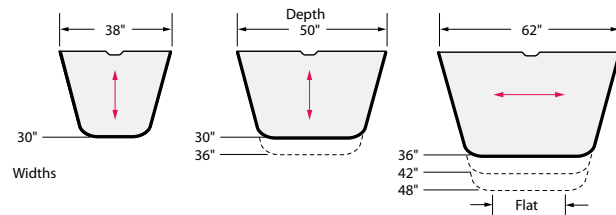


NOMINAL VS (ACTUAL) DIMENSIONS

DEPTH	WIDTH
38" = (37.97")	30" = (29.68")
50" = (49.97")	
62" = (61.97")	

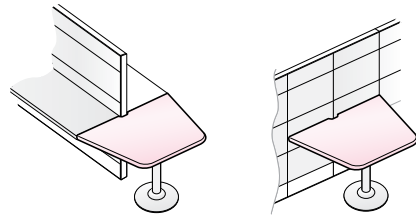


Key Conference End (WURY)

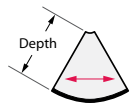


NOMINAL VS (ACTUAL) DIMENSIONS

DEPTH	WIDTH	LENGTH FLAT ON FRONT EDGE
38" = (37.97")	30" = (29.68")	(13.9")
50" = (49.97")	30" = (29.68")	(25.9")
50" = (49.97")	36" = (35.68")	(22.7")
62" = (61.97")	36" = (35.68")	(34.7")
62" = (61.97")	42" = (41.68")	(31.5")
62" = (61.97")	48" = (47.68")	(28.2")



120° Link (WUDZ)



NOMINAL VS (ACTUAL) DIMENSIONS

DEPTH
18" = (17.68")
24" = (23.68")
30" = (29.68")

Wood worksurfaces not available in Cascade edge option.

Notes • Worksurfaces require separately specified supports.

• Cascade/user edges are indicated by a thicker line.

↔ Denotes direction of wood grain laminate and wood veneer grain. Refer to the Price List for availability of finishes on specific worksurfaces.

Adaptable Worksurfaces: Edge Options

Laminate Worksurfaces: 1 $\frac{3}{16}$ " Thick – Three Edge Options

3mm T-Molding (Option T)

- 0.118" (3mm) radius T-Mold edge



3mm Edgeband (Option J)

- 0.118" (3mm) radius edgeband on the user edge capped with a 0.039" (1mm)-thick edgeband on the remaining edge



Cascade (Option V)

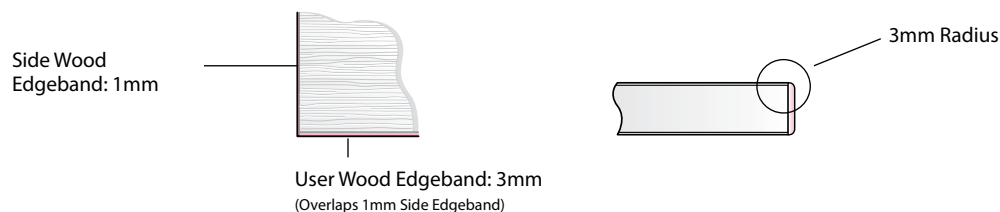
- 0.625" (16mm)-thick with 1.22" (31mm) radius edge with a reverse chamfer at the bottom for the user edge and capped with a 0.039" (1mm) edgeband on the remaining edge(s).



Wood Worksurfaces: 1 $\frac{3}{16}$ " Thick – Two Edge Options

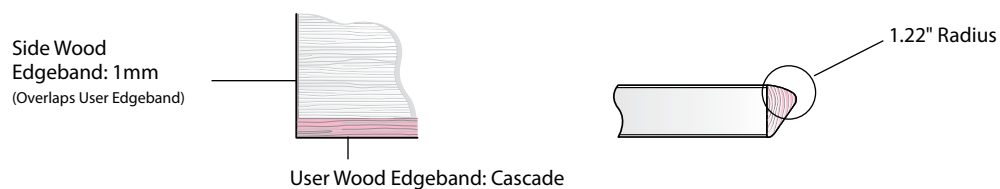
3mm Edgeband (Option K)

- 0.118" (3mm) radius edgeband on the user edge capped with a 0.028" (0.7mm) thick edgeband on the remaining edge(s).



Cascade (Option M)

- 0.625" (16mm) thick with 1.22" (31mm) radius edge with a reverse chamfer at the bottom for the user edges and capped with a 0.028" (0.7mm) edgeband on the remaining edge(s).



Adaptable Worksurfaces: Core Options

Core Material Options

Standard Core: Engineered composite panel made with 100% recycled and/or recovered wood fiber bonded with resin. Worksurfaces with this core are compliant with GREENGUARD™ and ANSI/BIFMA Standards for Low Emitting Products.

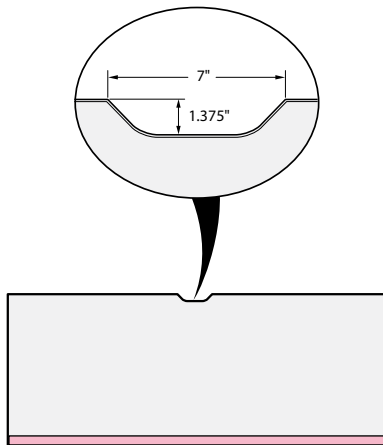
Green Core: Engineered composite panel made with 100% recycled wood fiber or 100% post-consumer recycled wood waste bonded with no-added-urea formaldehyde resin. Worksurfaces with this core are compliant with GREENGUARD™ and ANSI/BIFMA Standards for Low Emitting Products.

Adaptable Worksurfaces: Wireway Options

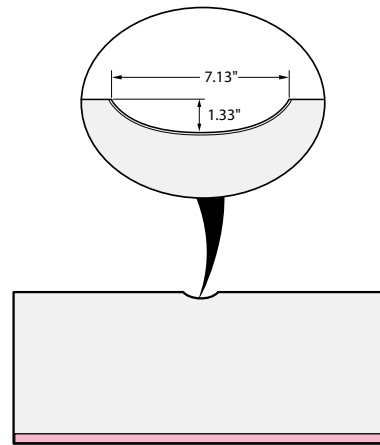
Worksurfaces are available with or without wireways. Location and quantity of wireway(s) is dependent upon worksurface shape and size. The following features/options may vary by worksurface shape and size.

- Wireways are color matched to side/back edge trim
- When wood veneer or wood grain laminate is specified, wireway will be charcoal

Notched Wireway (Option A)



Curved Wireway (Option B)



Without Wireway (Option C)



Adaptable Worksurfaces: Wireway Options and Locations

Worksurfaces are available with or without wireways. Location and quantity of wireway(s) is dependent upon worksurface shape and size.

1. Rectilinear Worksurfaces

- Location of wireway is dependent upon worksurface size:
 - Worksurfaces up to 60" Wide will have one wireway centered along back edge.
 - Worksurfaces greater than 60" Wide will have two wireways along back edge. Wireways are located one quarter the distance from each end of worksurface.

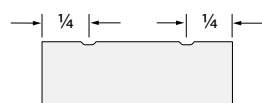
Optional Wireway Detail

One Wireway



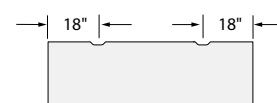
60" Wide

Two Wireways

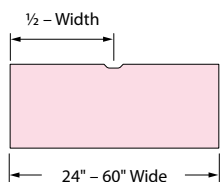


Greater than 60" Wide

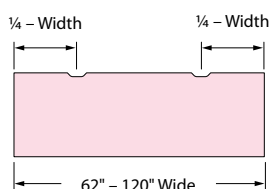
Example:



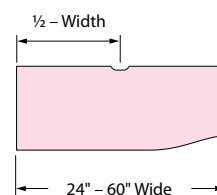
72" Wide



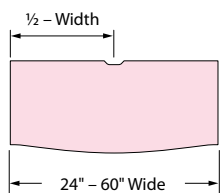
Rectangular



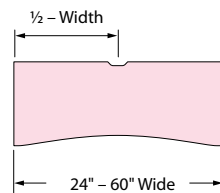
Rectangular



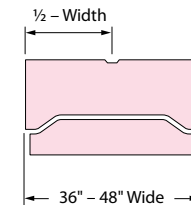
Rectangular Transition



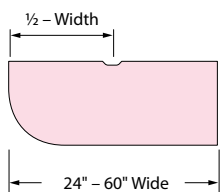
Rectangular Swell



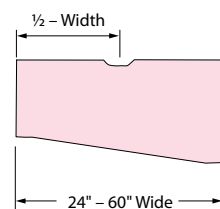
Rectangular Inverse Swell



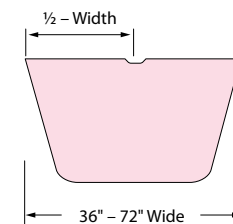
Rectangular Split Surface



Rectangular Radius End



Wedge



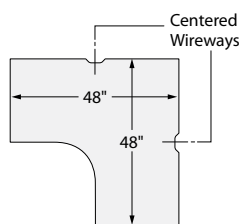
Rectangular Key

Note Worksurfaces do not include panel-mounted support elements. Worksurfaces require separately specified support, refer to Price List for details.

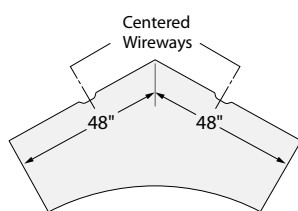
Adaptable Worksurfaces: Wireway Options and Locations

2. Corner 90°, Corner 120°, Corner 90° and 120° Transition Worksurfaces

- Worksurfaces have two wireways. One wireway centered along each back edge as shown in example below.

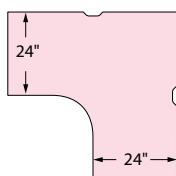


Corner, 90° Wrap-Around

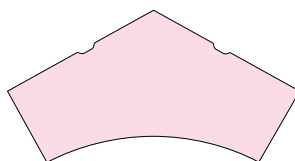


Corner, 120° Wrap-Around

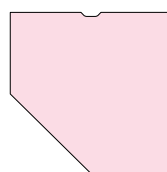
- Refer to examples above to determine wireway locations.



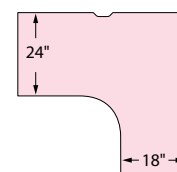
Corner, 90° Wrap-Around



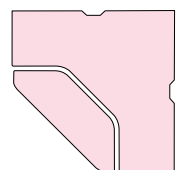
Corner, 120° Wrap-Around



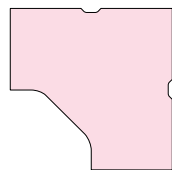
Corner, 90° Straight Front



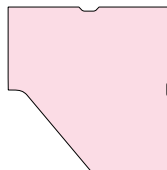
Corner, 90° Wrap-Around Transitional



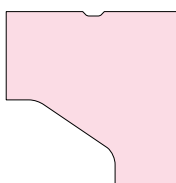
Corner, 90° Split Top



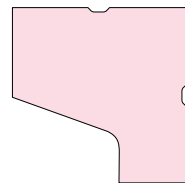
Corner, 90° Notched



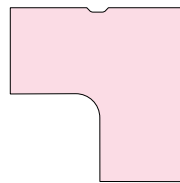
Corner, 90° Angled



Corner, 90° Notched Transitional



Corner, 90° Angled Transitional



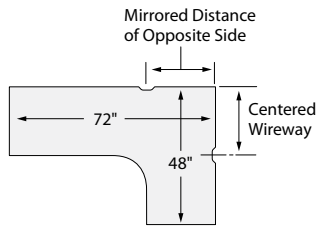
90° Merger

Note Worksurfaces do not include panel-mounted support elements. Worksurfaces require separately specified support, refer to Price List for details.

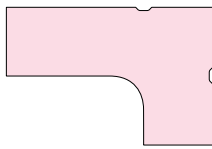
Adaptable Worksurfaces: Wireway Options and Locations

3. Corner, 90° Extended and Transitional Extended

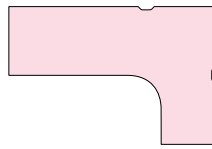
- Worksurfaces have two wireways and wireway locations are dependent upon worksurface size:
 - The first wireway is centered along the back edge of the shorter side.
 - The second wireway is located along the back edge of the longer side. It is located the same distance from the back corner as the first wireway as shown in example below.



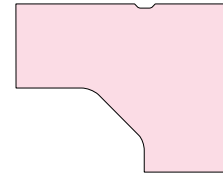
- Refer to example above to determine wireway locations.



Corner, 90°
Wrap-Around Extended



Corner, 90° Wrap-Around
Transitional Extended



Corner, 90°
Notched Extended

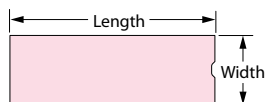
Note Worksurfaces do not include panel-mounted support elements. Worksurfaces require separately specified support, refer to Price List for details.

Adaptable Worksurfaces: Wireway Options and Locations

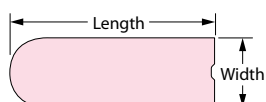
4. Rectangular Convergent, D-Shaped Convergent, D-Shaped Convergent Wrap-Around and Conference End

- Location of wireway is centered on the depth or width side of these worksurfaces:

Rectangular Convergent

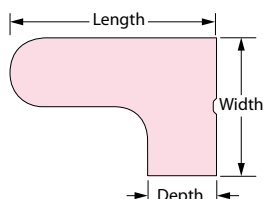


D-Shaped Convergent



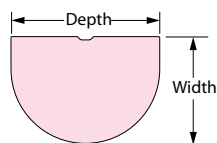
Optional Wireway:
The wireway is centered on the width side of a D-Shaped Convergent worksurface.

D-Shaped Convergent Wrap-Around



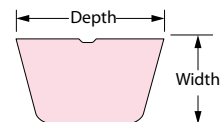
Optional Wireway:
The wireway is centered on the width side of a D-Shaped Convergent Wrap-Around worksurface.

Conference End



Optional Wireway:
The wireway is centered on the depth side of a Conference End worksurface. To accommodate End-of-Run Finish Post, specify wireway.

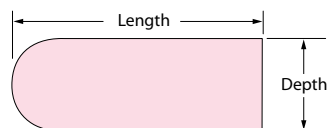
Key Conference End



Note Worksurfaces do not include panel-mounted support elements. Worksurfaces require separately specified support, refer to Price List for details.

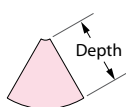
- The worksurfaces shown below are only available without wireways for application reasons.

D-Shaped Ender



Without Wireway: Only

120° Link



Without Wireway: Only

Adaptable Worksurfaces: General Specification Guidelines for Wireways

Worksurfaces specified without wireways require the cord of a power plug to be located behind the worksurface prior to installing it to the panel. To pass a power plug behind an installed worksurface without wireways may result in removing the worksurface from the panel to allow the power plug to pass behind the worksurface.

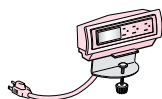


Rectangular Worksurface
(without wireway)

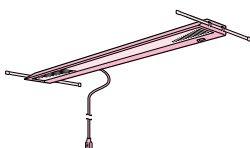


Rectangular Worksurface
(with one wireway)

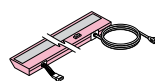
Components with Power Plugs



Desktop Port



Adaptable Electronic
Ballast Task Light



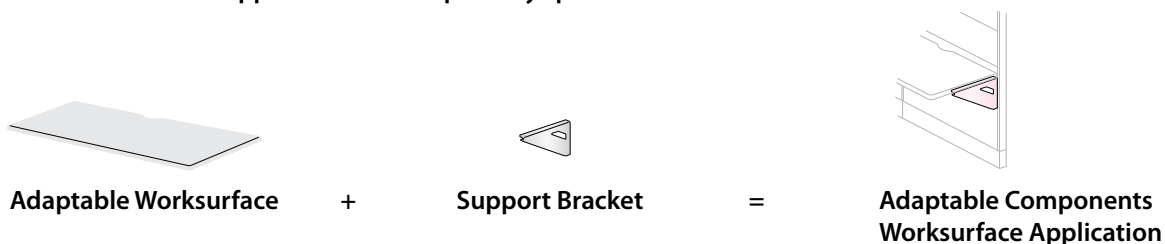
Adaptable Task Light:
Starter Unit

- Notes**
- Adaptable Worksurfaces with wireways will allow clearance for power plug after the worksurface is installed.
 - Installation of Desktop Port is possible on installed worksurface with a notched wireway.

Adaptable Worksurfaces: General Specification Guidelines for Brackets

Worksurface Support Brackets

- Adaptable Worksurfaces do not include worksurface supports. A tie plate is included and is used to tie together the front edge of the adjacent worksurface.
- All worksurface supports must be separately specified.

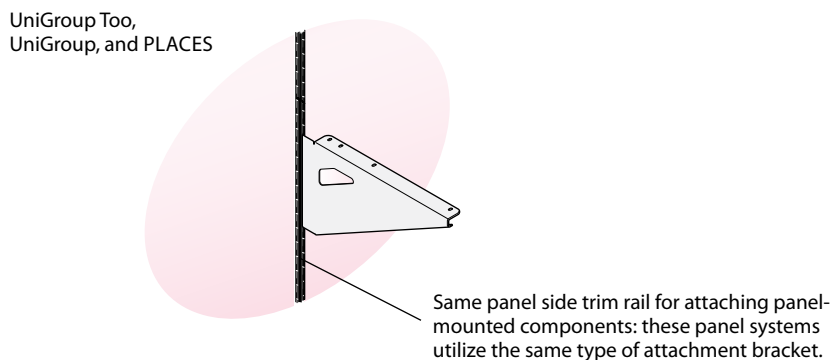


Attachment Brackets

Adaptable Worksurfaces work with multiple system product lines. However, attachment brackets are product line specific. Be sure to specify the appropriate attachment bracket catalog number for each panel system.

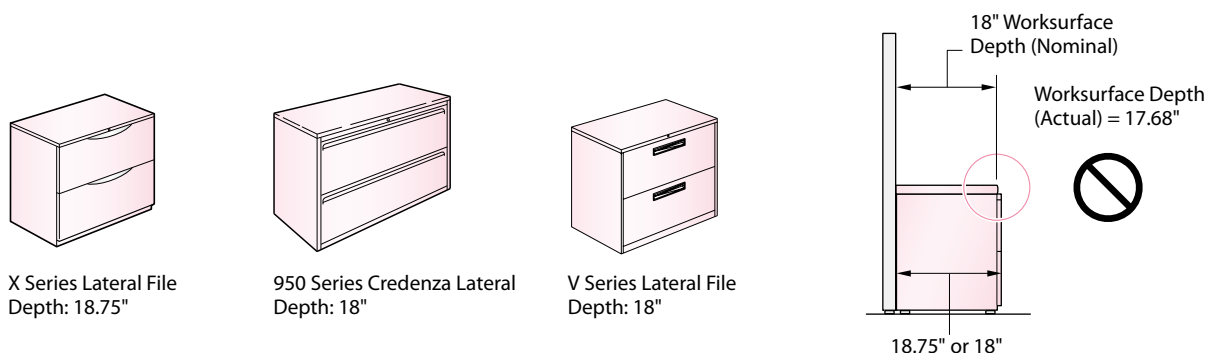
Adaptable Components are for use with UniGroup Too, UniGroup, PLACES, PREMISE, and Compose panel systems.

Because components physically attach to the panel connector or panel side trim rail, system specific attachment brackets are required.

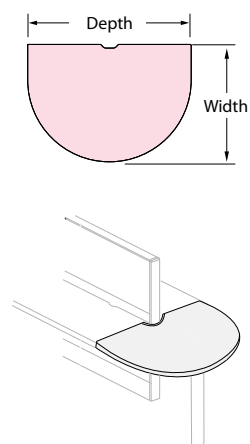


18" Deep Adaptable Worksurfaces with Lower Storage Considerations

- Lateral file units should not be located beneath an 18" Deep nominal (17.68" actual) Adaptable Worksurface. X Series lateral file units are 18.75" Deep and will extend past the front edge of the worksurface.
- 950 Series and V Series files are 18" Deep and also should not be used under an 18" Deep nominal (17.68" actual) worksurface.
- 18" Deep nominal (17" actual) Pedestal Drawers may be used beneath 18" Deep nominal worksurfaces.



Adaptable Worksurfaces: Product Application

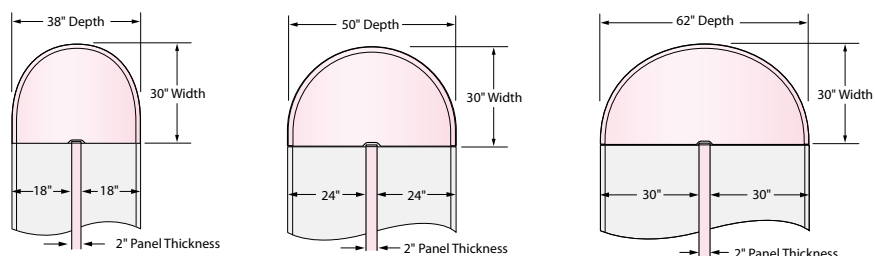


Conference End and Key Conference End Worksurfaces

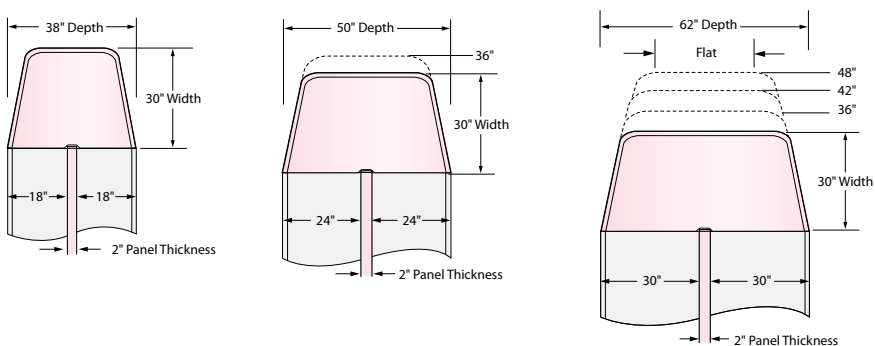
The panel system specific Conference End and Key Conference End worksurface are determined by the depth of the adjoining worksurfaces and by the panel system thickness.

Conference End and Key Conference End depths for UniGroup Too, UniGroup, and PLACES panel systems include: 38", 50", and 62". Available with or without a wireway.

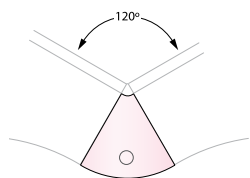
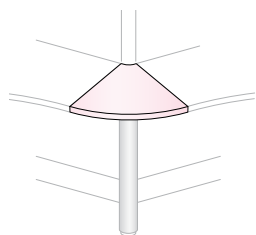
Conference End Applications



Key Conference End Applications



Adaptable Worksurfaces: Product Application

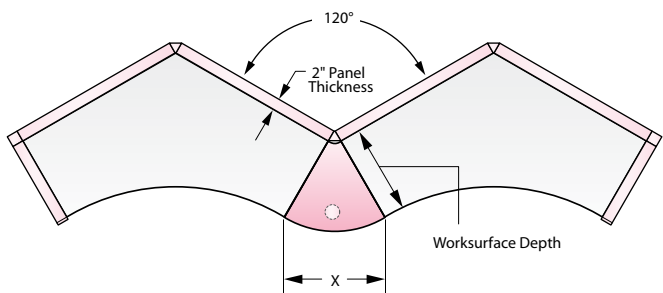


120° Link

120° Link Worksurface

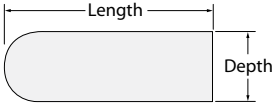
The panel system specific 120° Link worksurface is determined by the depth of the adjoining worksurfaces and by the panel system thickness.

120° Link worksurface actual widths for UniGroup Too, UniGroup, and PLACES panel systems include: 20", 26", and 32".



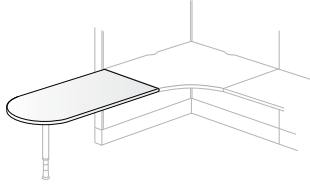
	WORKSURFACE DEPTH	PANEL THICKNESS	X =
WUDZ - 1820 - (___) C	18"	2"	20"
WUDZ - 2426 - (___) C	24"	2"	26"
WUDZ - 3032 - (___) C	30"	2"	32"

Adaptable Worksurfaces: Product Application

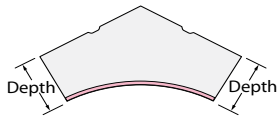


D-Shaped Ender Worksurface

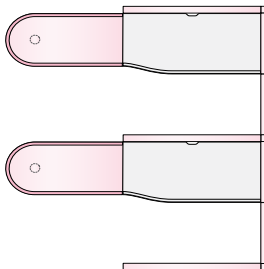
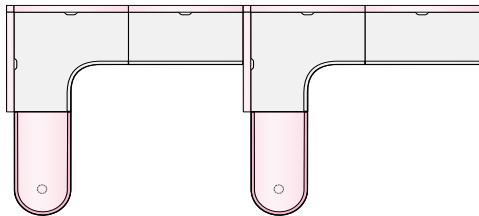
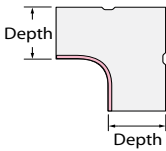
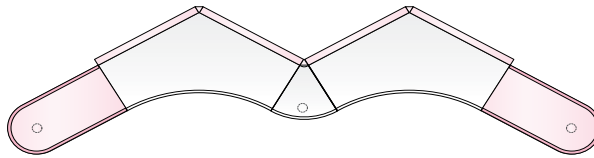
The depth of the D-Shaped Ender is designed to attach to the depth of an adjoining worksurface.



Adjoining Worksurface:



D-Shaped Ender Application:



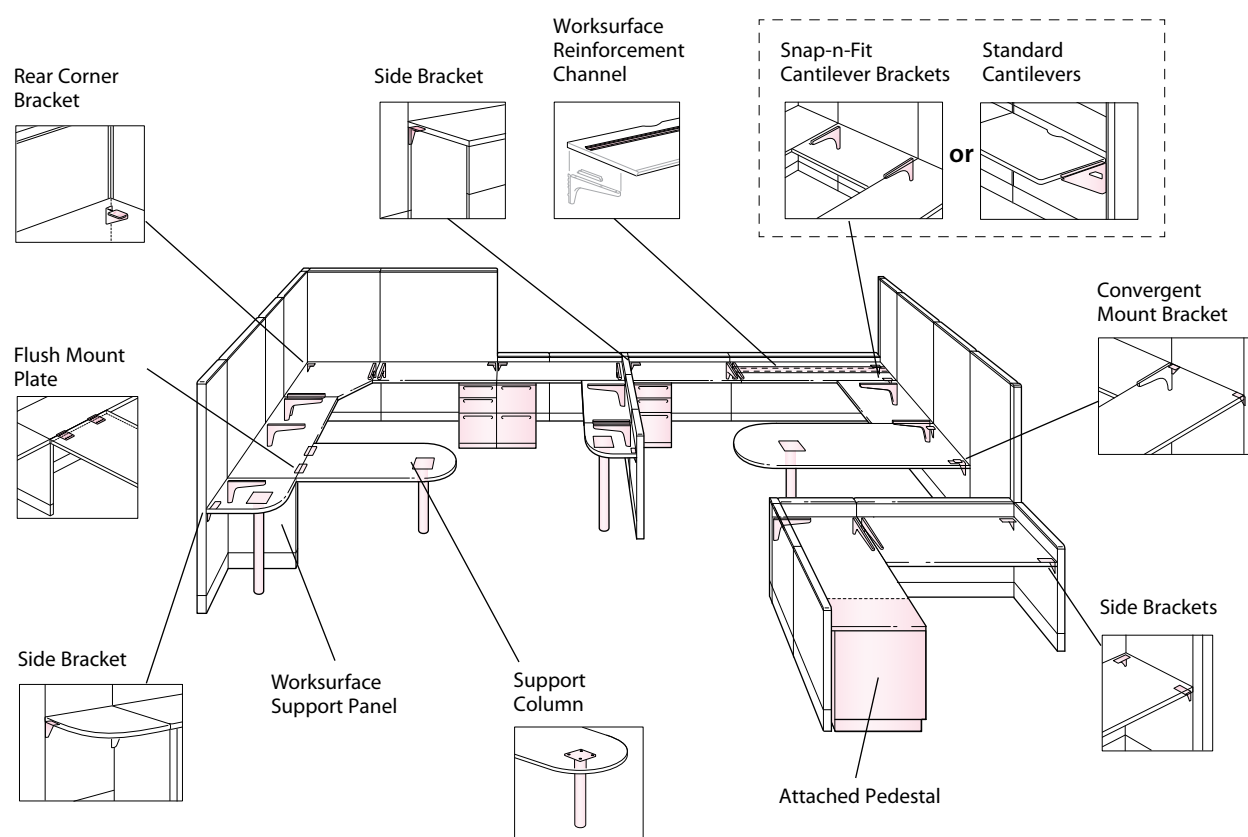
- The D-Shaped Ender is not available with a wireway.
- The actual dimension of the D-Shaped Ender depth and the D-Shaped Convergent width are different for specific product applications.

Worksurface Support: UniGroup Too, UniGroup, and PLACES

All worksurface support is separately specified for UniGroup Too, UniGroup, and PLACES worksurfaces.

Worksurface Support Options:

- Standard Cantilever Brackets
- Standard Mini Cantilever Brackets
- Standard Snap-n-Fit Cantilever Brackets
- Standard Snap-n-Fit Cantilever Bracket for Corner Worksurface
- Standard Snap-n-Fit Mini Cantilever Bracket
- Standard Snap-n-Fit Mini Cantilever Bracket for Corner Worksurface
- Standard Link Cantilever Bracket
- Side Brackets
- Convergent Mount Bracket
- Rear Corner Bracket
- Pedestal-To-Panel Bracket
- Worksurface Support Panel (Laminate and Wood)
- Flush Mount Plate
- Straight Leg Basic
- Support Column
- Adjustable Height Disk Base
- Double Support Leg
- Dual Leg



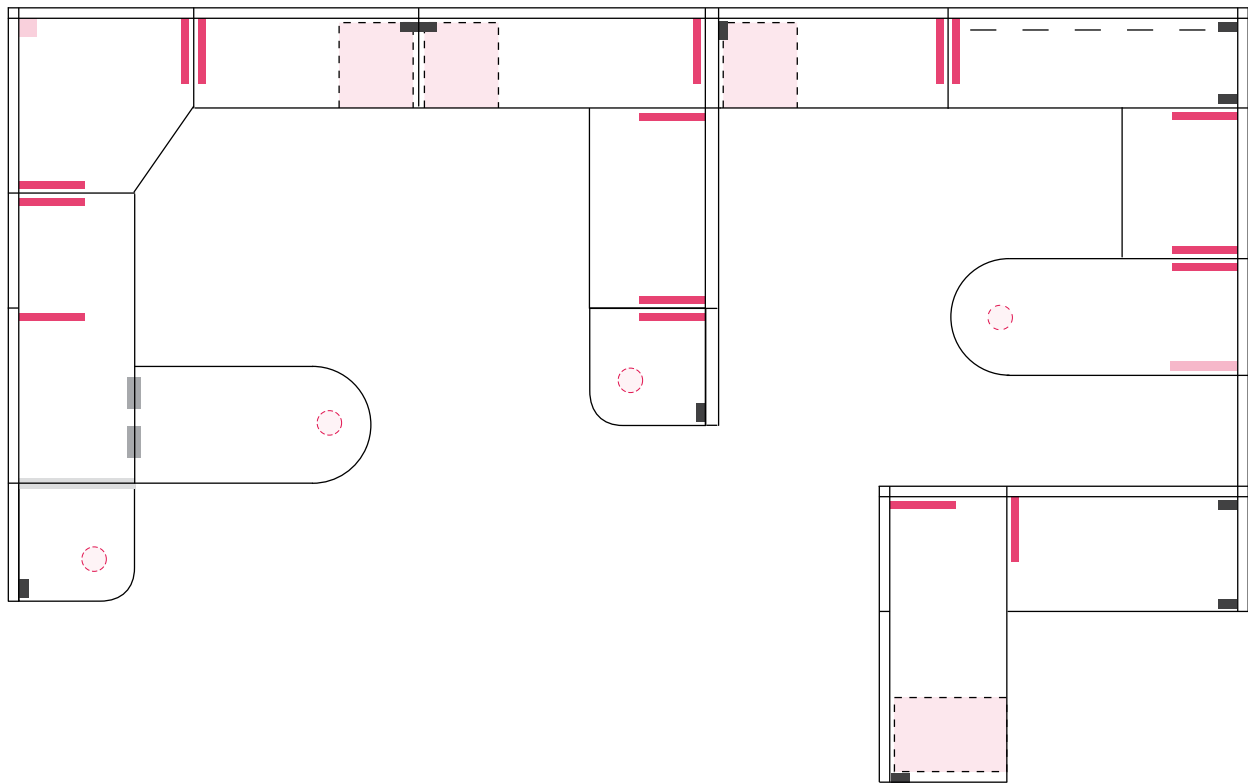
Right- and left-hand applications of support brackets and support panels are determined according to the worksurface user's vantage point (when facing worksurface). Brackets required on the user's right side of the worksurface should be specified as right-hand, and all brackets on the left side should be specified as left-hand.

Worksurface Support: UniGroup Too, UniGroup, and PLACES

Specifying Worksurface Supports

Adaptable Worksurfaces work with multiple product lines. However, attachment brackets are product line specific.

The recommended mounting heights for worksurfaces are: 29" (737mm) for writing and general use; 26" (660mm) for typing/keyboard use; and 31" (787mm) for wheelchair access. Worksurfaces can be adjusted vertically in 1" (25mm) increments, if/as necessary for personal preferences.



Key

 Cantilever Bracket	 Worksurface Reinforcement Channel	 Support Column
 Rear Corner Bracket	 Convergent Mount Bracket	 Worksurface Support Panel
 Flush Mount Plate	 Side Bracket	 Attached Pedestal

Worksurface Support: UniGroup Too, UniGroup, and PLACES

Worksurface Supports

Cantilever Brackets (Standard Cantilevers or Snap-n-Fit Cantilevers)

Cantilever brackets are used to support the ends of the worksurfaces or the mid-span of worksurfaces greater than 60". These brackets can also be specified as right-hand, left-hand, or in pairs.

Rear Corner Brackets

Rear corner brackets are separately specified to provide support to the back of a corner worksurface.

Flush Mount Plate

The flush mount plate is used to attach a convergent or regular worksurface to the front edge of a properly supported rectangular surface.

Worksurface Reinforcement Channel

Separately specified worksurface reinforcement channels can provide additional support for laminate or wood worksurfaces with 50" or longer spans that are heavily loaded and not otherwise supported by mid-span cantilevers, worksurface supports, legs or under-worksurface storage. Worksurfaces greater than 60" Wide require mid-span support.

Convergent Mount Bracket

Convergent mount brackets are used to mount the straight end of a convergent worksurface to the panel side trim rails. Convergent worksurfaces are typically installed so that the surface depth matches the supporting panel width. Convergent mount brackets are separately specified as left-hand or right-hand brackets.

Side Bracket

Side brackets are used to mount the end of a worksurface to an adjacent return panel. They are also used to attach worksurface to panel behind an attached pedestal. In certain applications, the side bracket can replace a cantilever bracket. Side brackets are specified as left-hand or right-hand brackets.

Support Column

The adjustable-height support column must be specified with a convergent worksurface. The column provides 26" (660mm) to 30" (762mm) of work-surface height range and is available in trim colors.

Other support column options are available; reference Price List.

Worksurface Support Panel

Worksurface support panels are installed under the end of a worksurface or to support two adjacent worksurfaces. They should be specified in place of a cantilever bracket when the worksurface is used to support heavy loads. Support panels can also be specified for aesthetic purposes; for instance, at the end of a worksurface that is not connected to a return panel. Must be specified to match worksurface edge option.

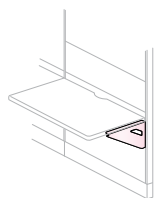
Support panels are available for 29" (737mm) worksurface heights; they include leveling glides with 2" (51mm) vertical adjustment range.

Attached Pedestals and Lateral Files

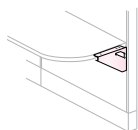
Attached pedestals and lateral files provide primary support and storage space under a worksurface. They support the end of a worksurface in conjunction with a separately specified side bracket. The tops of attached pedestals and lateral files have punched slots for attaching to a worksurface.

 **Tip** Worksurfaces require separately specified supports.

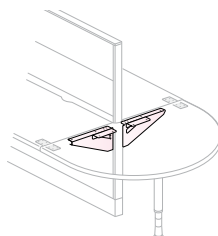
Worksurface Support: UniGroup Too, UniGroup, and PLACES



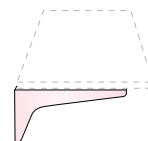
Standard Cantilever Brackets



Standard Mini Cantilever Bracket



Standard Link Cantilever Bracket



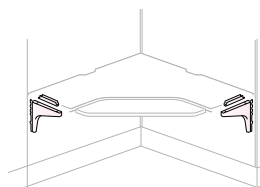
Standard Snap-n-Fit Cantilever Bracket for Rectangular Worksurfaces



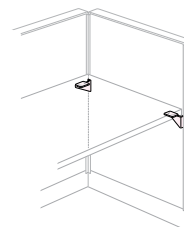
Standard Snap-n-Fit Mini Cantilever Bracket for Rectangular Worksurfaces



Standard Snap-n-Fit Cantilever Bracket for Corner Worksurfaces



Standard Snap-n-Fit Mini Cantilever Bracket for Corner Worksurfaces



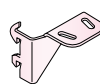
Side Bracket



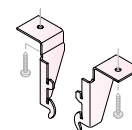
Convergent Mount Bracket



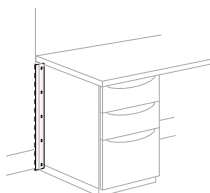
Flush Mount Plate



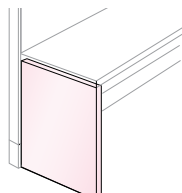
Rear-Corner Bracket



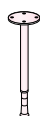
Countertop Brackets



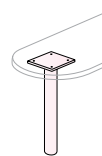
Pedestal-to-Panel Bracket



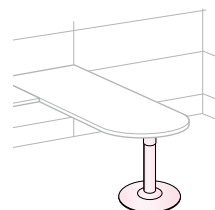
Worksurface Support Panel: Wood or Laminate*



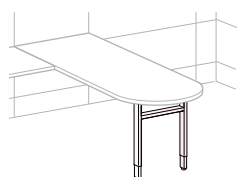
Straight Leg Basic



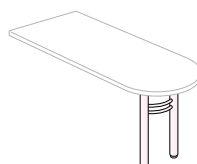
Support Column



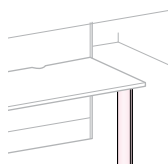
Adjustable Height Disc Base



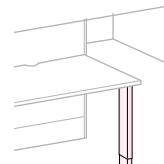
Double Support Leg



Dual-Leg Base



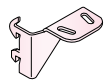
Single Support Leg



Support Post

* Specify worksurface support panel to match worksurface edge option.

Worksurface Support: UniGroup Too, UniGroup, and PLACES

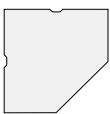
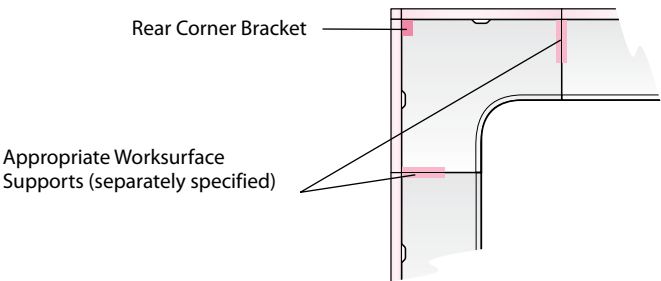


ZEBR - 0000 - PN

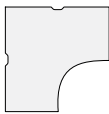
Product Applications: Rear Corner Bracket

All corner worksurfaces, when panel wrapped on both sides, require both a separately specified rear corner bracket and an appropriate worksurface support. Support brackets are panel system specific.

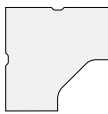
Panel Wrapped Corner Worksurface:



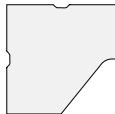
Corner, 90°
Straight Front



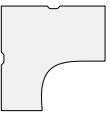
Corner, 90°
Wrap-Around



Corner, 90°
Notched



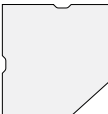
Corner, 90°
Angled



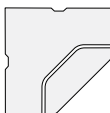
Corner, 90°
Wrap-Around
Transitional



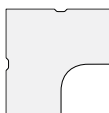
Corner, 90°
Notched
Transitional



Corner, 90°
Angled
Transitional



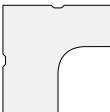
Corner, 90°
Split Top



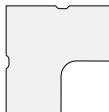
Corner, 90°
Wrap-Around
Extended



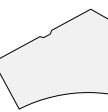
Corner, 90°
Notched
Extended



Corner, 90°
Wrap-Around
Transitional Extended



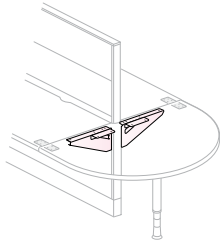
90° Merger



Corner, 120°
Wrap-Around

Tip Rear corner brackets are left-hand brackets.

Worksurface Support: UniGroup Too, UniGroup, and PLACES



Standard Link
Cantilever Applications

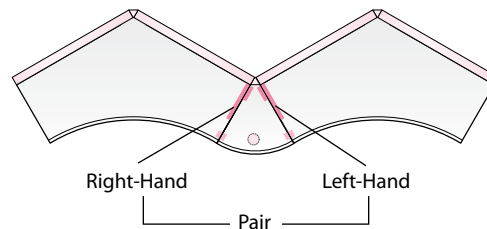
Product Applications: Standard Link Cantilever

The Standard Link Cantilever Bracket is for use in specific worksurfaces application for UniGroup Too, UniGroup, and PLACES.

Pair	ZEBL - 1600 - PP
Left-Hand	ZEBL - 1600 - PL
Right-Hand	ZEBL - 1600 - PR

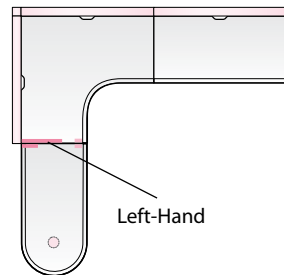
120° Link Application

In addition to the standard link cantilever, two flush mount plates and floor support column or leg is required.



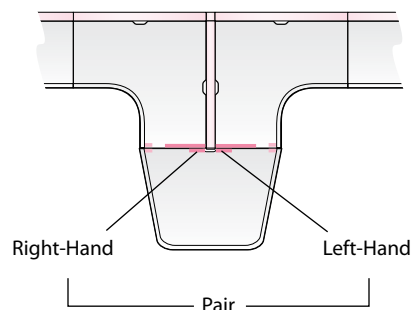
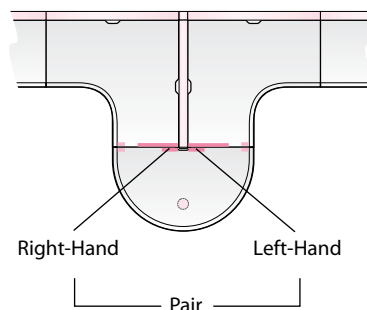
D-Shaped Ender Application

In addition to the standard link cantilever, a flush mount plate and floor support column or leg is required.



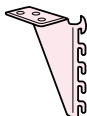
Conference End and Key Conference End Applications

In both of the applications below, in addition to the standard link cantilever a floor support column or leg is required. Flush mount plates are required to secure the front worksurface edges to one another.



- The Standard Link Cantilever Bracket is not to be used as a shared cantilever. The above applications reflect recommended use.
- Applications shown above require a flush mount plate at the end of each standard link cantilever.

Worksurface Support: UniGroup Too, UniGroup, and PLACES



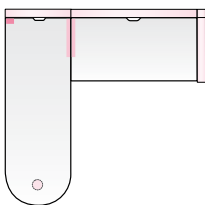
ZEBV - 0000 - PL (Left-Hand)
ZEBV - 0000 - PR (Right-Hand)

Product Applications: Convergent Mount Bracket

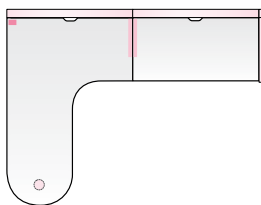
Convergent worksurface applications require a separately specified support bracket at the end of the panel. Support brackets are panel system specific. In the application below, the recommended bracket for UniGroup Too, UniGroup, and PLACES system applications is the convergent mount bracket.

In addition to the convergent mount bracket, separately specify appropriate worksurface support.

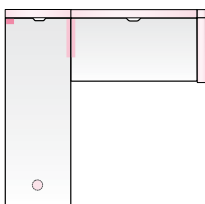
Convergent Application: Panel-Mounted On One Side



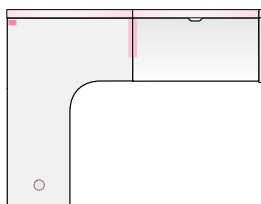
D-Shaped Convergent



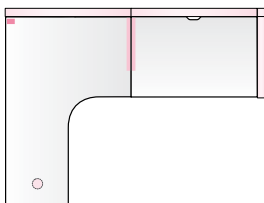
D-Shaped Convergent Wrap-Around



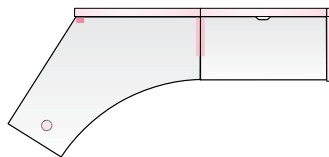
Rectangular Convergent



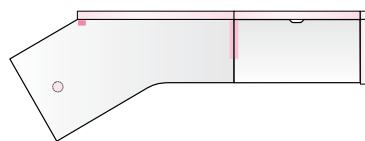
Corner, 90° Wrap-Around Extended



Corner, 90° Wrap-Around Transitional Extended



Corner, 120° Wrap-Around



Bent

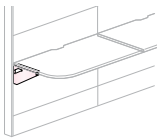


All corner shaped worksurfaces do not have a rear wireway.

Worksurface Support: UniGroup Too, UniGroup, and PLACES

Product Applications: Rectangular Radius End Worksurface

When specifying the rectangular radius end worksurface in UniGroup Too, UniGroup, or PLACES specific worksurface support is required. Specific support is dependent on edge treatment and worksurface depth.

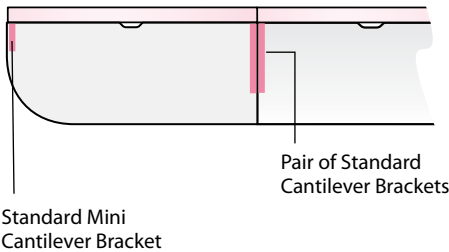


Standard Mini Cantilever Bracket

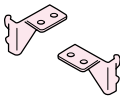
STANDARD MINI CANTILEVER BRACKET	
Pair	ZEBD - 1000 - PP
Left-Hand	ZEBD - 1000 - PL
Right-Hand	ZEBD - 1000 - PR

Application One:

18" Deep Rectangular Radius End Worksurface with Edgeband or T-Mold Edge Option.



Tip Application One not recommended for use with Cascade edge option.

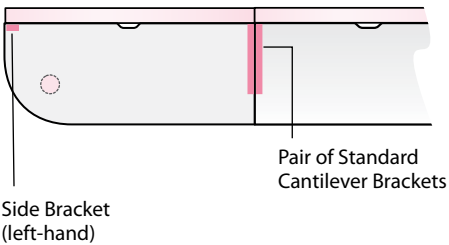


Side Brackets

SIDE BRACKET	
Pair	ZEBA - 0000 - PP
Left-Hand	ZEBA - 0000 - PL
Right-Hand	ZEBA - 0000 - PR

Application Two:

18", 24", and 30" Deep Rectangular Radius End Worksurface with Cascade Edge option and 24" and 30" Deep Rectangular Radius End Worksurface with T-Mold and Edgeband.



Separately Specified Floor Support:



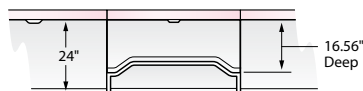
Straight Leg Basic (WUCL-001)
or Support Column Options:
See Worksurface Support
Statement Of Line

Worksurface Support: UniGroup Too, UniGroup, and PLACES

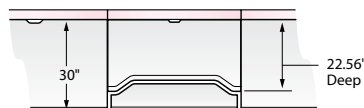
Product Applications: Rectangular Split Top Worksurface

The Rectangular Split Top is available in wood or laminate surface. Depth dimensions for rear surface are as shown.

Rectangular, Split Top: 24" Deep

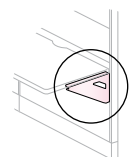
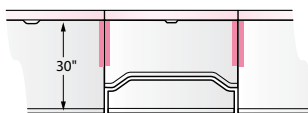
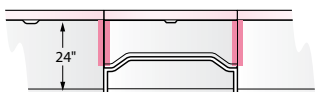


Rectangular, Split Top: 30" Deep



Rectangular Split-Top Worksurface with Standard Cantilever Support

The 24" and 30" Deep Rectangular Split Top is designed for use with standard depth cantilevers. For UniGroup Too, UniGroup, and PLACES applications specify a pair of Standard Cantilever Brackets; one cantilever for each side of the Rectangular Split Top worksurface.

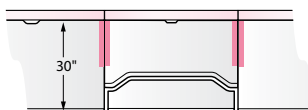
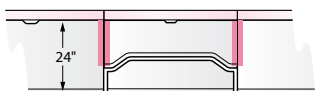


STANDARD CANTILEVER BRACKET

Pair	ZEBD - 1600 - PP
Left-Hand	ZEBD - 1600 - PL
Right-Hand	ZEBD - 1600 - PR

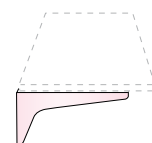
Rectangular Split-Top Worksurface with Snap-n-Fit Cantilever Support

The 24" Deep Rectangular Split Top is designed for use with the Standard Snap-n-Fit Mini Cantilever Bracket. The 30" Deep Rectangular Split Top is designed for use with the Standard Snap-n-Fit Cantilever Bracket for Rectangular worksurfaces.



SNAP-N-FIT MINI CANTILEVER BRACKET FOR RECTANGULAR WORKSURFACES

Pair	ZEBS - 1200 - PP
Left-Hand	ZEBS - 1200 - PL
Right-Hand	ZEBS - 1200 - PR



SNAP-N-FIT CANTILEVER BRACKET FOR RECTANGULAR WORKSURFACES

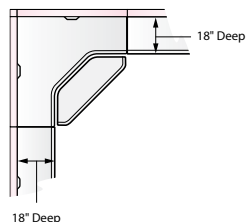
Pair	ZEBS - 1900 - PP
Left-Hand	ZEBS - 1900 - PL
Right-Hand	ZEBS - 1900 - PR

Worksurface Support: UniGroup Too, UniGroup, and PLACES

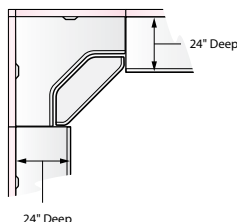
Product Applications: Corner, 90° Split Top Worksurface

The Corner, 90° Split Top may be used with multiple adjoining worksurface depths and shapes. Depicted below are a few of the applications available with the split top corner.

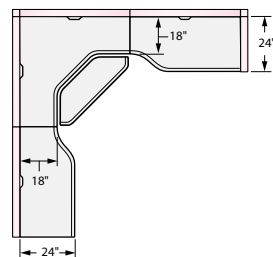
Corner, 90° Split Top, 24" Deep Applications:



18" Deep Rectangular Worksurface: align with the rear portion of the corner worksurface.

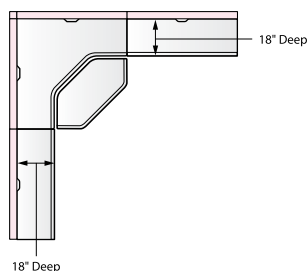


24" Deep Rectangular Worksurface: align with the front portion of the corner worksurface.

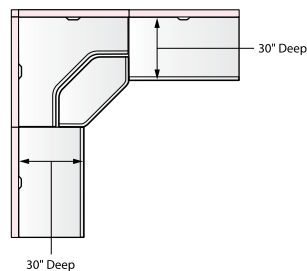


18"/24" Deep Rectangular Transition Worksurface: align with the rear portion of the corner worksurface.

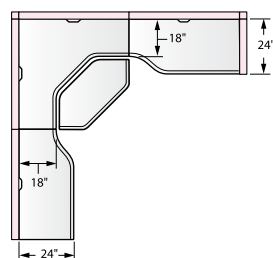
Corner, 90° Split Top, 30" Deep Applications:



18" Deep Rectangular Worksurface: align with the rear portion of the corner worksurface.



30" Deep Rectangular Worksurface: align with the front portion of the corner worksurface.



18"/24" Deep Rectangular Transition Worksurface: align with the rear portion of the corner worksurface.



Remember to specify the rear corner bracket for the above shown applications.

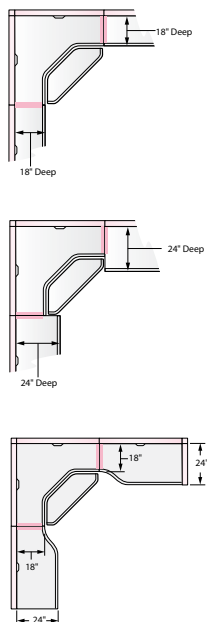
Worksurface Support: UniGroup Too, UniGroup, and PLACES

Product Applications: Corner, 90° Split Top Worksurface, continued

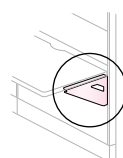
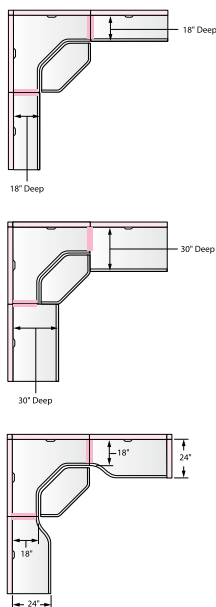
Corner, 90° Split Top Worksurface with Standard Cantilever Support

The 24" Deep Corner, 90° Split Top is designed for use with standard depth cantilevers for both 18" and 24" Deep adjoining worksurfaces. For UniGroup Too, UniGroup, and PLACES specify a pair of Standard Cantilever Brackets; one cantilever for each side of the corner worksurface.

24" Deep Applications:



30" Deep Applications:



UniGroup Too, UniGroup, and PLACES

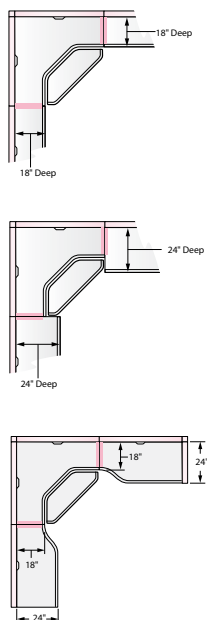
STANDARD CANTILEVER BRACKET

Pair	ZEBD - 1600 - PP
Left-Hand	ZEBD - 1600 - PL
Right-Hand	ZEBD - 1600 - PR

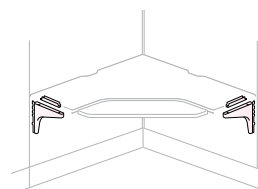
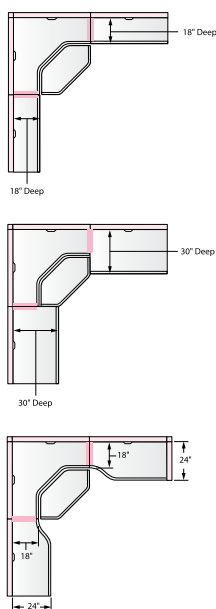
Corner, 90° Split Top Worksurface with Standard Snap-n-Fit Mini Cantilever Support

The 24" and 30" Deep Corner, 90° Split Top can also be used with the Standard Snap-n-Fit Mini Cantilever Bracket for corner worksurfaces.

24" Deep Applications:



30" Deep Applications:



STANDARD SNAP-N-FIT MINI CANTILEVER BRACKET FOR CORNER WORKSURFACES

Pair	ZEBC - 1200 - PP
------	------------------



Remember to specify the rear corner bracket for the above shown applications.

Worksurface Support: UniGroup Too, UniGroup, and PLACES

Product Applications: Split Top Worksurface

Split-surface worksurfaces feature a fixed-height rear surface and an adjustable-height front surface. They are available in regular and 90° corner styles. A 1" (25mm) gap exists between the front worksurfaces and adjacent worksurfaces as a safety measure to eliminate pinch points. Overall worksurface nominal depth is 24" or 30" (762mm).



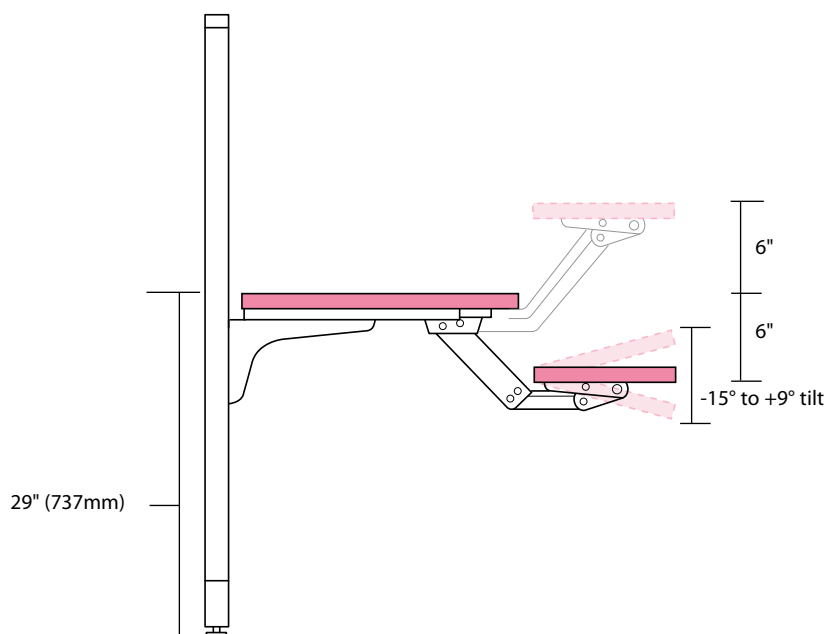
- When a split worksurface is adjusted to the highest level, the support brackets protrude 4" into the kneespace. When it's adjusted to the lowest level, support brackets protrude 12" into the kneespace.
- When even with worksurface height, support brackets protrude 8" into the kneespace.

Rear Surface

- Fixed-height
- Attaches to panel side trim rails with cantilever brackets; slots in panel side trim rail allow worksurface to be adjusted in 1" (25mm) vertical increments

Front Surface

- 12" (305mm) deep
- Manually adjusts to any position 6" above and 6" below the rear worksurface
- Locking control lever securely holds worksurface at desired height
- Tilts -15° to +9°



Note

If the front surface is tilted fully forward, the keyboard pad should be secured to the surface or resting against a separately specified palm rest.

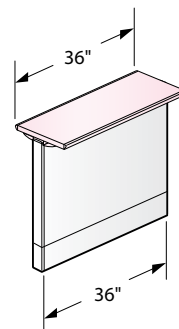
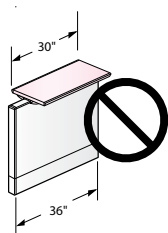
Adaptable Worksurfaces: Countertops

Countertop applications must match the width of a UniGroup Too, UniGroup or PLACES panel or be specified a maximum of 6" wider on each end of the panel. Countertop applications apply for both steel and wood top caps. Countertop widths are available in 6" increments from 24" – 120". Countertops are available in wood or laminate. Specify appropriate Countertop Brackets based on top cap type.

Application One: Same Width Panel and Countertop

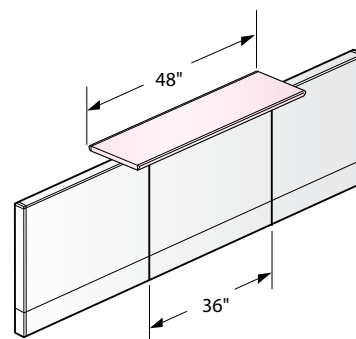
- A countertop can be specified to match width of panel.

Tip A countertop CANNOT be specified less than the width of the panel.



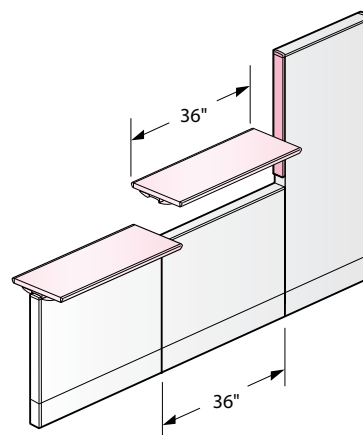
Application Two: Countertop Wider than Panel Width

- A countertop can be specified a maximum of 6" wider on each end of the panel.



Application Three: Variable-Height Cover(s)

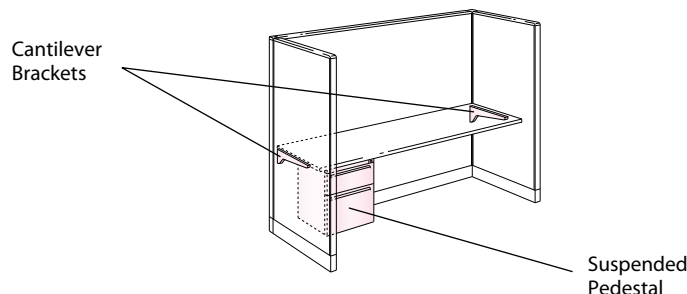
- A countertop must be specified to match the width of a panel.
- In applications where End-of Run Variable-Height Finish Post(s) are specified, field cutting of the trim cover is required to allow trim cover to rest on the countertop



Worksurface Support Methods for Pedestals: UniGroup Too, UniGroup, and PLACES

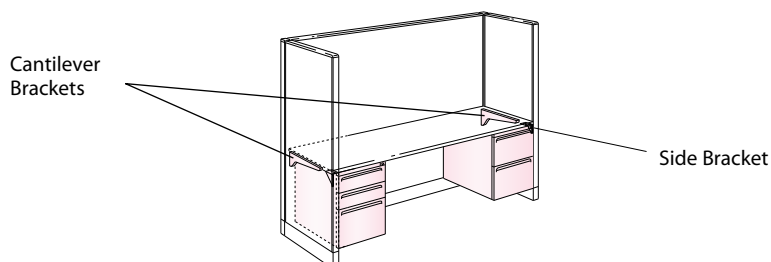
Suspended Pedestal Placement

One suspended pedestal can be installed on a regular worksurface supported on each end with cantilever brackets and panel heights greater than 44". For panel heights less than 44" the worksurface must be supported by side brackets or worksurface support panels on end with suspended pedestal.



Two suspended pedestals can be installed on a worksurface that is supported in one of three ways:

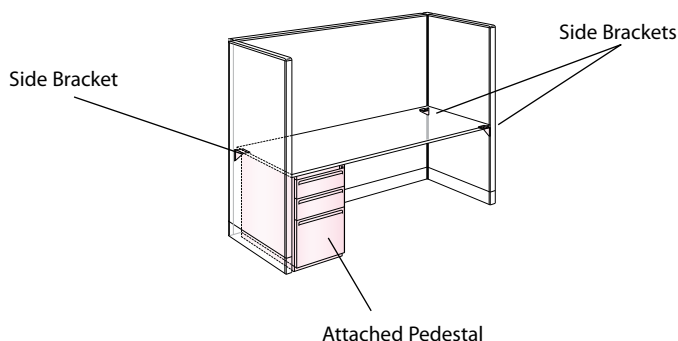
- Cantilever brackets or side brackets combined with side brackets attached at the front edge of the worksurface, on each end of the worksurface or
- Side brackets on each corner of the worksurface or
- Worksurface support panels on each end of the worksurface



Attached Pedestal Placement

An attached pedestal can be used to support one end of a worksurface; a side bracket must be used to attach the back edge of the worksurface to the supporting panel.

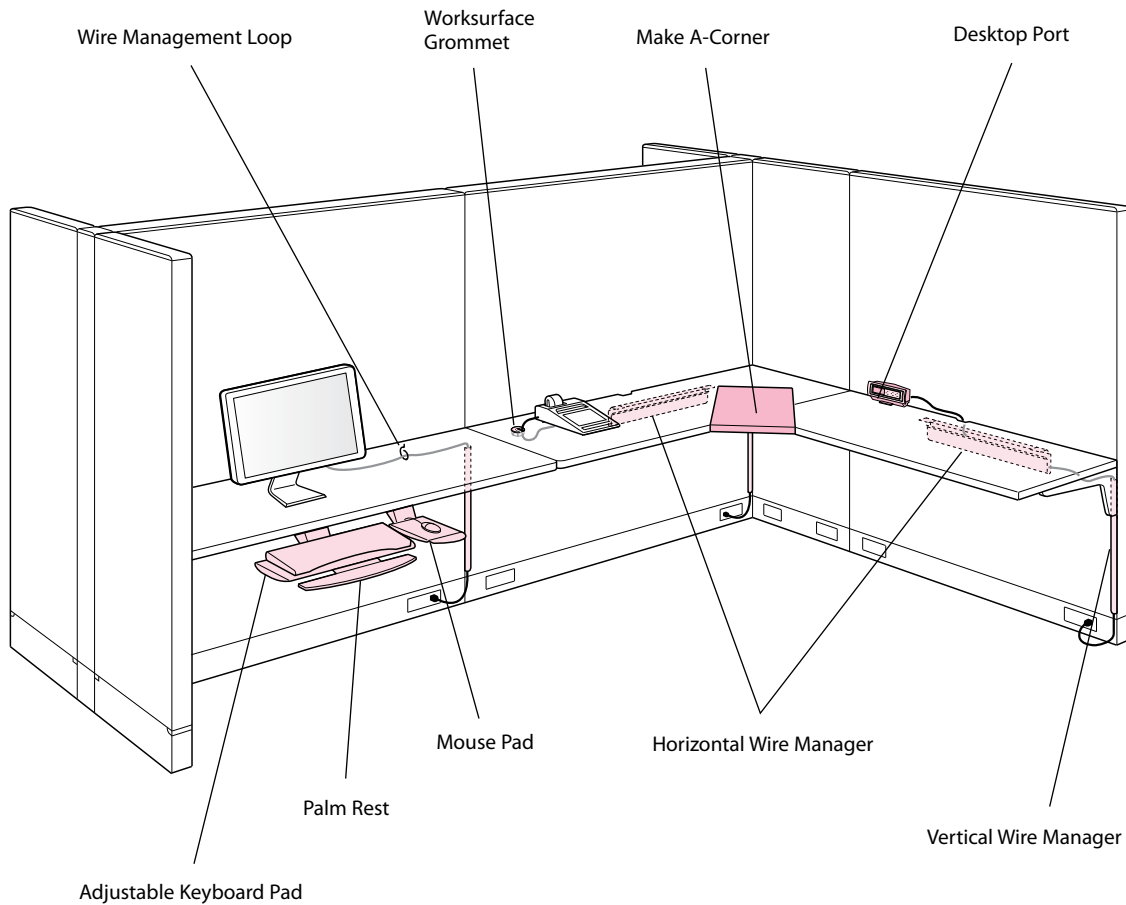
An attached pedestal cannot be used in place of a return panel.



Note Separately specified worksurface reinforcement channels can provide additional strengthening to 54" and 60" worksurfaces on like-sized panels where heavy loads are anticipated.

Worksurface Accessories: UniGroup Too, UniGroup, and PLACES

UniGroup Too, UniGroup, and PLACES offers several worksurface-related accessories designed to maximize productivity and support power and cable management.



Additional worksurface accessories not shown above include pencil drawers and monitor arms.

Note Refer to the Price List for details on specific models of Adjustable Keyboard Pads.

Worksurface Accessories: UniGroup Too, UniGroup, and PLACES

Wire Management

- Horizontal Wire Manager:
 - Horizontally routes and conceals excess electrical cords under worksurfaces
- Wire Management Loop:
 - Routes excess electrical cords under worksurfaces
- Vertical Wire Manager:
 - Vertically guides cables and electrical cords
 - Inserts into the panel side trim rail reveals
 - Can be field-cut to any length

Worksurface Grommet

- Field-installed

Make-A-Corner

- Slides over the top of two perpendicularly-attached rectangular worksurfaces, creating a straight corner edge
- Non-permanently affixed to the worksurface for easy reconfiguration onto similarly-attached worksurfaces
- Accommodates an adjustable keyboard pad

Pencil Drawers

- Mount to the underside of a worksurface
- Available in several models

Desktop Port

- Provides power and communication access at worksurface height
- Attaches to back-edge of worktop with threaded knob.

Flip Top Unit

- Provides power and communication access at worksurface height
- Field-installed on worksurface. Must field-cut opening in worksurface — refer to installation instructions.
- Convenient spring release mechanism

Power/Data Dome

- Provides power and communication access at worksurface height
- Field-installed on worksurface

Monitor Arms

- Attaches to back-edge of worktop with threaded knob.
- Available in single, dual or triple arm versions
- Vertical adjustment range of 18°

Adjustable Keyboard Pads / Boogie Board

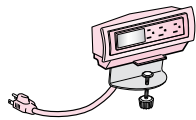
- Mount to the underside of a worksurface
- Available in several models
- 360° Pivot and storage track, permitting leg swing under the worksurface
- Height adjustment range of 6" to 12", depending on model
- Palm Rest and/or Mouse Pad is available to complement any keyboard model

- Notes**
- Refer to the Price List, for details on specific models of center drawers and Adjustable Keyboard Pads.
 - Check local building and electrical codes to verify whether wire management accessories can be specified.

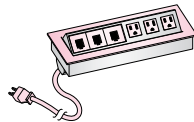
Worksurface Accessories: UniGroup Too, UniGroup, and PLACES

Desktop Power/Data Access

Field installation is required when utilizing Flip Top Units, Power/Data Dome, and Desktop Port. These worksurface electrical accessories provide desktop power/data access. When installed they extend below the worksurface, causing interference with products placed below the worksurface. Cords for all desktop power/data accessories will also fall below the worksurface to provide access to the systems power receptacle. Systems product for use below a worksurface should be assessed prior to specification of the desktop power/data access accessories.



Desktop Port



Flip Top Unit



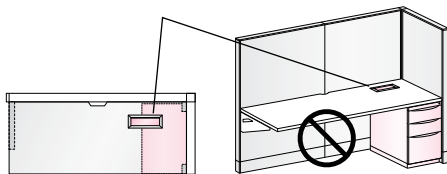
Power/Data Dome

Product Relationships: Space Planning Considerations

Interference with the underside of the Flip Top Unit, Power/Data Dome, and Desktop Port may occur when using the following lower storage products below the worksurface:

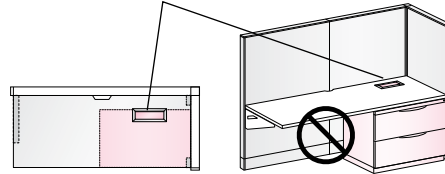
Attached or Suspended Pedestals

Flip Top Unit (Desktop Power/Data Access Accessory)



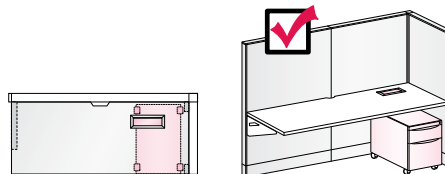
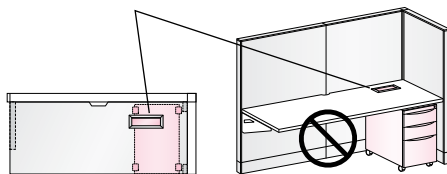
Lateral File

Flip Top Unit (Desktop Power/Data Access Accessory)



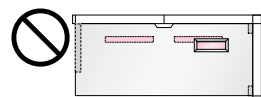
Mobile Pedestals

Flip Top Unit (Desktop Power/Data Access Accessory)

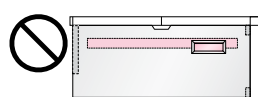


Tip Box/File Mobile Pedestals may not interfere with desktop power/data access at standard worksurface height due to lower height of the mobile pedestal.

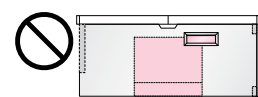
Additional Product Considerations with Flip Top Unit and Power/Data Dome:



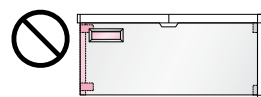
Horizontal Wire Manager



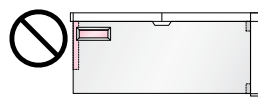
Worksurface Reinforcement Channel



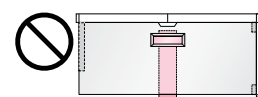
Pencil Drawers



Worksurface Support Panel



Cantilevers



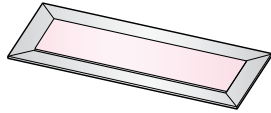
Adjustable Keyboard Pad

Tip Desktop Port attaches to back of worksurface and may not interfere with these product considerations.

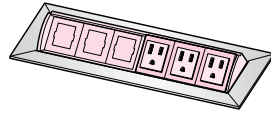
Worksurface Accessories: UniGroup Too, UniGroup, and PLACES

Electrical: Flip Top Units

The flip top unit spring release cover offers two positions; closed or fully open.

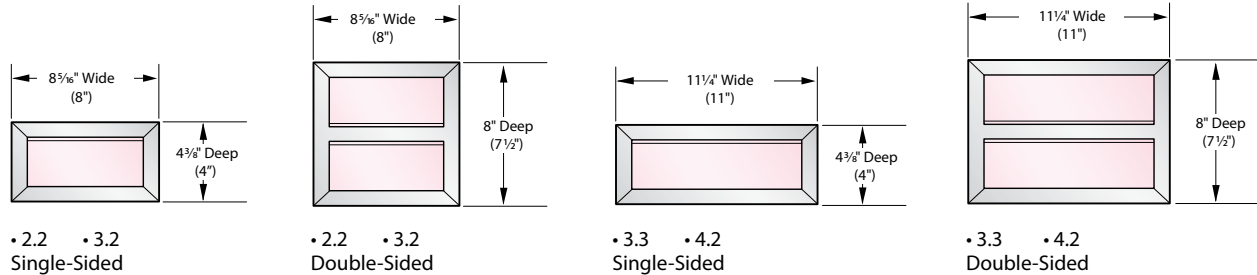


When closed, the flip top bezel is proud to the worksurface



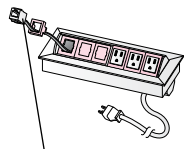
When open, the flip top unit projects 1" above the worksurface

Flip Top Unit Bezel Dimensions:

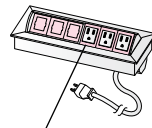


The Flip Top Unit includes multiple data jack adapters to accommodate most field supplied data jacks. Also included are blank data covers to be used if no data access is needed. Data jacks are field supplied.

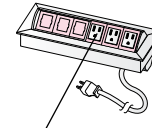
- 15 amp rated simplex power receptacles
- Data information access ports



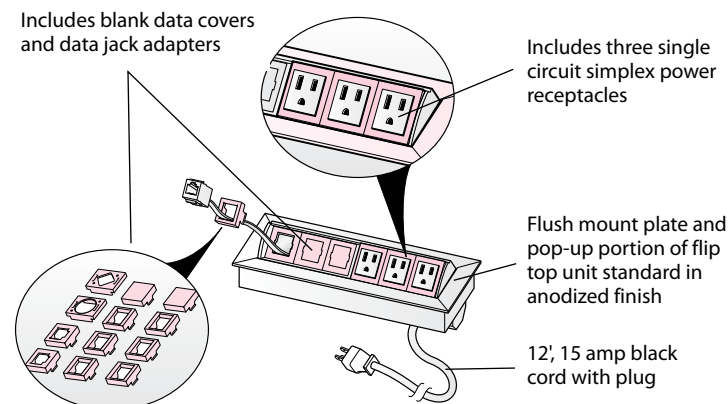
Data jack adapters standard in white; included with flip top unit. (See manufacturer list for field supplied data jacks)



Perimeter edge of power receptacles and data ports face plate standard in white



Simplex power receptacles standard in white; included with flip top unit



Data Jack Adapters Included

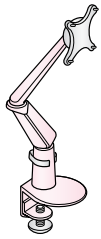
Manufacturer's List of Field Supplied Data Jacks

Uniprise
Tyco SL and 110 Connect Series Modular Jacks
Siemon Keystone Style
Allen Tel Versa Tap Series
Leviton Quick Port Series
Nordx Keystone Style
Tyco SL Coupler Series
ADC Keystone
Hubbell Xcelerator™ Keystone Series
Blank (no coupler/jack)
Ortonics TracJack Series
Panduit Mini-Com Series
Microphone Jack/3-Pin XLR (solder type only)
Video Monitor Jack/DB-15 (panel-mount solder style)

Worksurface Accessories: UniGroup Too, UniGroup, and PLACES

Monitor Arm

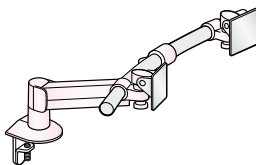
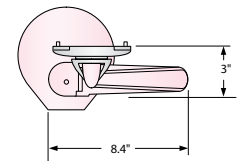
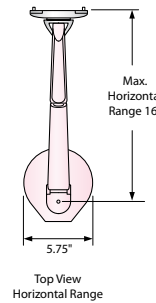
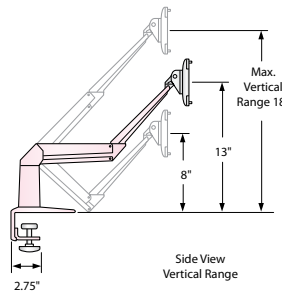
Monitor Arms are used to raise a flat-screen monitor off of the worksurface. By utilizing a Monitor Arm the user will gain more usable worksurface space.



Monitor Arm: Single
KUC1-0000-L
KUC1-0000-H

Monitor Arm: Single

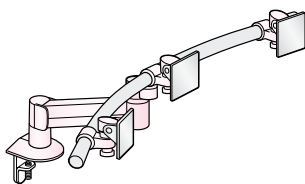
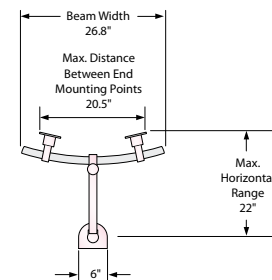
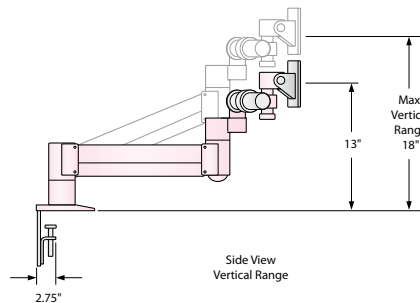
- Monitor Arm will hold a single monitor
 - Light weight version (KUC1-0000-L): 15"–18" monitors that weigh 6–13 lbs.
 - Heavy duty version (KUC1-0000-H): 19"–21" monitors that weigh 14–21 lbs.
- Monitor Arm rotates 360° at three points and offers a 185° monitor tilt



Monitor Arm: Dual
KUC2-0000-H

Monitor Arm: Dual

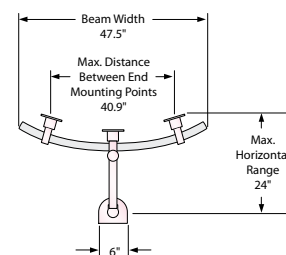
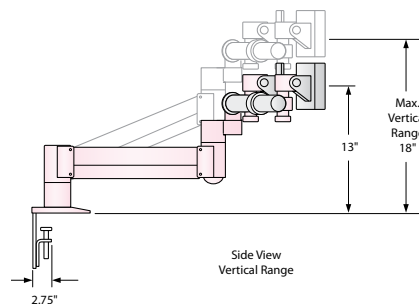
- Monitor Arm will hold two monitors, 4–19 lbs. each
- Monitor Arm rotates 360° at two points and offers a 120° monitor tilt



Monitor Arm: Triple
KUC3-0000-H

Monitor Arm: Triple

- Monitor Arm will hold three monitors, 2–12 lbs. per monitor
- Monitor Arm rotates 360° at two points and offers a 120° monitor tilt



- The desk clamp may interfere with worksurface accessories or worksurface supports.
- Monitor Arms can be mounted to existing worksurfaces with notched or curved wireways.

Worksurface Accessories: UniGroup Too, UniGroup, and PLACES

Adjustable Keyboard Pads

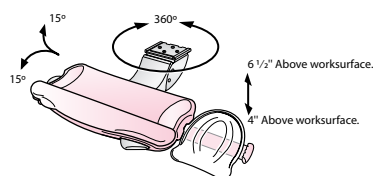
There are several adjustable keyboard pad models available, each providing a variety of ergonomically beneficial features. Refer to the Price List for complete details.

Haworth's Adjustable Keyboard Pads mount to the underside of worksurfaces. Our standard models offer a range of common features including:

- Adjustable pad width from 17" (432mm) to 22" (599mm)
- Adjustable backstop for keyboards from 5¼" (134mm) to 9" (229mm) deep
- 360° pivot and storage track to permit leg swing under worksurface
- Can be stored under worksurfaces

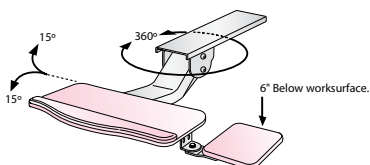
Additionally, these models offer a choice of height adjustability and tilting features. Height adjustment ranges are available from 6" (153mm) to 8" (204mm) depending on model. All tilting pads offer a minimum of 25° of tilt.

- For Corner Worksurface with a 10.25" radius:
 - If AKP is required to go above the worksurface, an AKP with a minimum 21" track depth is recommended.
- Worksurfaces with a radius smaller than 10.25" will not allow an AKP to be adjusted above the worksurface.
- AKPs with a track shorter than 21" will not allow adjustment above the worksurface.



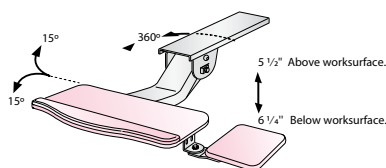
Boogie Board Keyboard Tray with Palm Rest and either with or without integrated mouse pad (HKTC-17-M, HKTE-17-M, HKTC-21-M, HKTE-21-M):

- Keyboard tray adjusts 6½" (165mm) above work surface and 4" (102mm) below
- Keyboard tray tilts +/- 15°
- 360° rotation



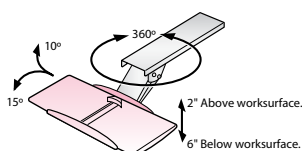
Adjustable Keyboard Tray (AKPM-17-SLM, AKPM-21-SLM):

- Keyboard adjusts 6" (152mm) below work surface
- Keyboard tray tilts +/- 15°
- 360° rotation



Adjustable Keyboard Tray (AKPM-23-SFM):

- Keyboard adjusts 5¼" (133mm) above work surface and 6¾" (171mm) below
- Keyboard tray tilts +/- 15°
- 360° rotation

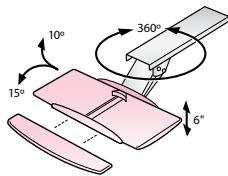


Extended Tilting Keyboard Pad (AKPS-5)

- Track length is 21" (533mm)
- Adjusts 2" (51mm) above the work surface
- Adjusts 6" (152mm) below the work surface
- Tray tilts +15°/-15°
- Fits under worksurfaces 22" (559mm) or deeper

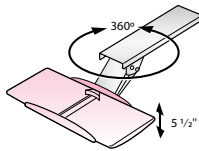
Note Certain support and cover storage options may interfere with AKP placement.

Adjustable Keyboard Pads



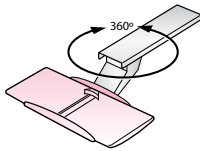
Adjustable Keyboard Pad with Tilt (AKPT-3 and AKPT-4)

- NAK-3 track length is 21" (533mm)
- NAK-4 track length is 17" (432mm)
- In-out adjustment of 15 $\frac{7}{8}$ " (403mm)
- Tray tilts +15°/-10°
- Up-down adjustment of 6" (152mm)
- NAK-3 fits under worksurfaces 22" (559mm) or deeper
- NAK-4 fits under worksurfaces 18" (457mm) or deeper



Adjustable Keyboard Pad (AKP-2)

- Track length is 21" (533mm)
- In-out adjustment of 12 $\frac{3}{4}$ " (324mm)
- Up-down adjustment of 5 $\frac{1}{2}$ " (140mm)
- Fits under worksurfaces 22" (559mm) or deeper



Adjustable Keyboard Pad: Fixed Height (AKPF-1)

- Track length is 21" (533mm)
- In-out adjustment of 12 $\frac{3}{4}$ " (324mm)
- 3" (76mm) drop from bottom of worksurface to fixed keyboard pad
- Fits under worksurfaces 17.5" (445mm) or deeper



A palm rest may be specified separately for each model.

Mouse Pad

Adjustable mouse pads attach beneath a worksurface that is at least 20" (508mm) deep. Mouse pads are available in three styles, each with 360° rotation:

- Mouse Pad with 12 $\frac{1}{4}$ " (312mm) horizontal adjustment, 6 $\frac{1}{4}$ " (159mm) vertical adjustment, and 25° of tilt
- Mouse Pad with 12 $\frac{3}{4}$ " (324mm) horizontal adjustment, fixed height at 3 $\frac{1}{2}$ " (89mm) below worksurface top
- Mouse Pad with fixed height at 3 $\frac{1}{2}$ " (89mm) below worksurface top

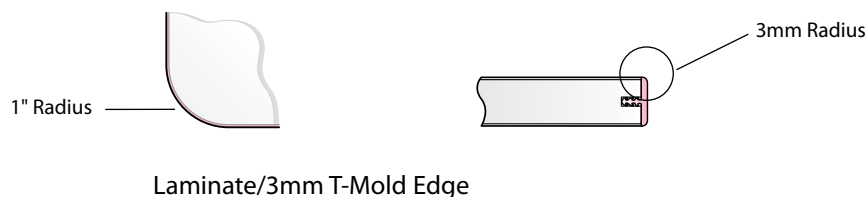


See Price List for further adjustable keyboard pad information.

Tables: Fixed-Height

Tables are available in a variety of top shapes and sizes to complement work environments. Small- to medium-sized tables are designed to extend workspace space, while large-sized tables are best-suited for conferencing and boardroom applications.

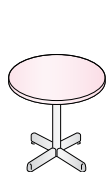
Table Edge Detail



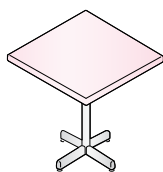
- Note**
- Refer to the Price List for table dimensions available with each table style.
 - Refer to Compose and PREMISE Price Lists for tables available in 3mm Edgeband.

Available Table Styles:

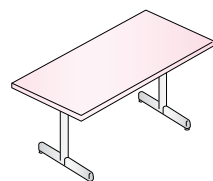
- Round, square, rectangular, and oval
 - Equipped with self-leveling glides
- C-Leg:
 - Equipped with ¼"-height modesty panel
 - Leg design permits free leg swing
 - 24" (610mm)-deep table will not accommodate an adjustable keyboard pad
 - 48" (1219mm)-wide and wider tables without pedestal base will accommodate a pencil drawer but not drawer pedestals
 - Equipped with self-leveling glides



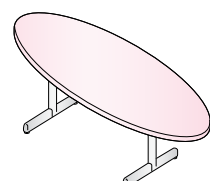
Round



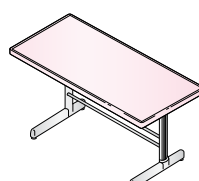
Square



Rectangular

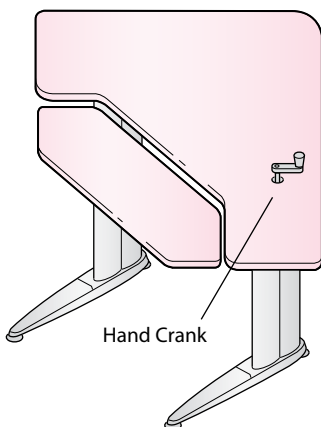


Oval



C-Leg

Tables: Sit-to-Stand



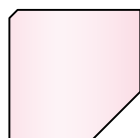
Sit-to-Stand Table
(shown with split corner top)

Sit-to-Stand Tables: Adjustable and Fixed-Height

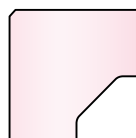
Sit-to-stand tables are independent, freestanding tables available in a wide variety of top shapes and sizes, and with adjustable- or fixed-height table bases. Although each table is specified as a complete unit, the table is comprised of two distinct components: the table top and the table base. All tables are equipped with glides having $\frac{3}{8}$ " (10mm) of vertical height adjustment. In addition, worksurface grommets can be specified separately for field installation.

- Adjustable-height tables:
- Hand crank adjusts top height from 27 $\frac{1}{4}$ " (692mm) or 29" (737mm) to 45" (1143mm)
- Hand crank is mounted under the right-hand side of the top surface and is retractable; the exception is the split corner model's hand crank, which is top-mounted on the right-hand side of the rear worksurface and is removable
- Top width and depth dimensions shown in the Price List are nominal; the actual top dimensions are reduced 1" (25mm) on each side and the back to eliminate pinch points and accommodate routing of cables and electrical cords
- Fixed-height tables:
- 29" (737mm) fixed-height
- Top width and depth dimensions shown in the Price List are actual

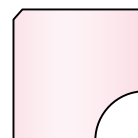
Sit-to-Stand Table Top Options



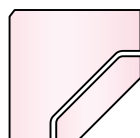
Corner



Notched Corner



Curved Corner



Split Corner



Rectangular

Tips

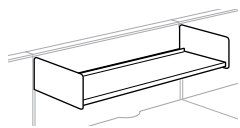
- Rectangular and split corner tops are predrilled for table base installation. Corner, notched corner, and curved corner tops are predrilled for installation of the table base and optional adjustable keyboard pad.
- Split corner tops include a keyboard surface which manually adjusts to any position 7" (178mm) above and 5 $\frac{3}{4}$ " (146mm) below the rear worksurface. The keyboard surface tilts -15° to +9° with a locking control knob.

Notes

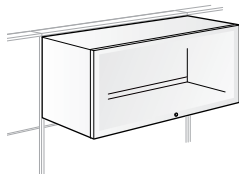
- Sit-to-Stand tables will not accept suspended drawer pedestals.
- Refer to Price List for AKP usage restrictions.

Interior Components

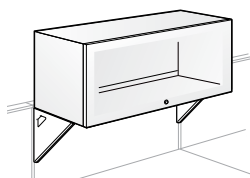
Adaptable and OneTouch Upper Storage: Statement of Line



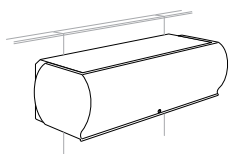
Open Shelf:
Standard Mount



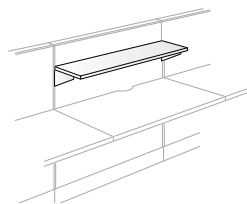
Overhead Storage Unit:
Standard Mount: Painted,
Wood, or Translucent Front



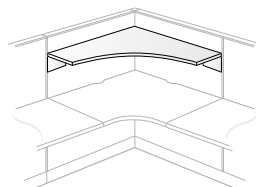
Overhead Storage Unit:
Up-Mount: Painted,
Wood, or Translucent Front



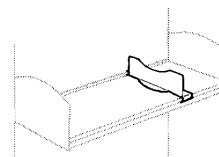
OneTouch Storage Unit



Straight Mini-Shelf



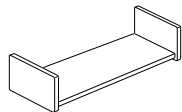
Corner Mini-Shelf



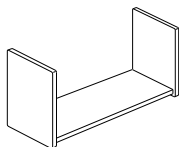
Adaptable/OneTouch
Shelf Dividers

UniGroup Upper Storage: Statement of Line

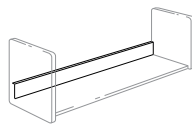
Panel-Hung Storage



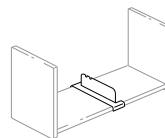
Low Shelf



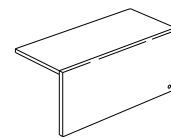
Regular Shelf



UniGroup/PLACES
Shelf Back Guard



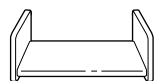
UniGroup/PLACES
Shelf Divider



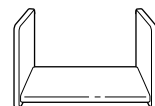
Regular Flipper
Door Front:
Fabric or Laminate

PLACES Upper Storage: Statement of Line

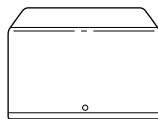
Panel-Hung Storage



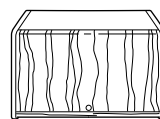
Low Shelf



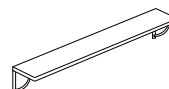
Regular Shelf



Regular Flipper
Door Front:
Fabric or Laminate



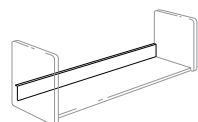
Regular Overhead
Storage: Painted
Case/Wood Door
Front/Wood Pull



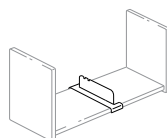
Straight Mini-Shelf
with Loop Bracket



Corner Mini-Shelf
with Loop Bracket



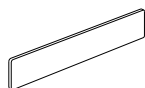
UniGroup/PLACES
Shelf Back Guard



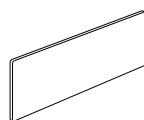
UniGroup/PLACES
Shelf Divider

Interior Components

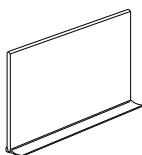
Task Organization: Tackboard, Tack Strips, Markerboards, and Slat Pad



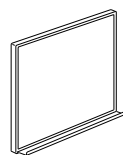
Tack Strip



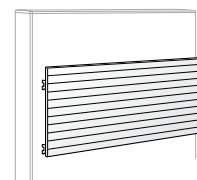
Tackboard



Markerboard:
Non-Magnetic
Surface

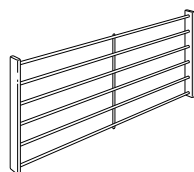


Markerboard:
Magnetic Surface

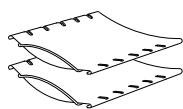


Wall Accessory
Slat Pad

Wire Grid System and Accessories



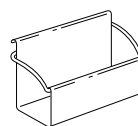
Grid



Mailbox:
Grid-Mounted



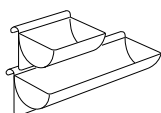
Reference Tray



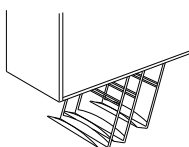
Diskette Bin



Grid Tackstrip

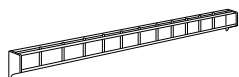


Multi-Purpose
Storage Bins

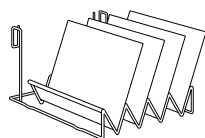


Under-Shelf
Paper Management

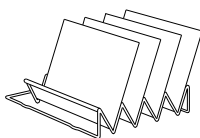
Task Organization: Paper Management



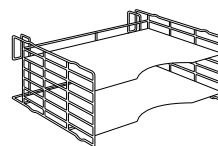
Paper Management
Mounting Bar



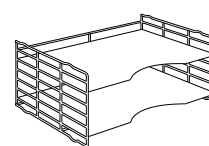
Diagonal Unit:
Suspended



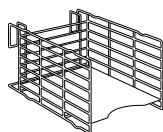
Diagonal Unit:
Freestanding



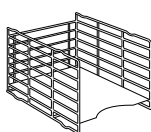
Horizontal Unit:
Suspended



Horizontal Unit:
Freestanding



Vertical Unit:
Suspended



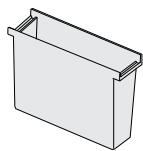
Vertical Unit:
Freestanding



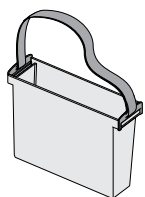
Paper Management
Tray Packages

Interior Components

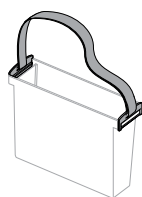
Slat Pad Tools



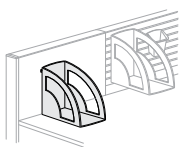
Tote



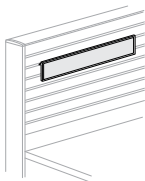
Tote with Strap



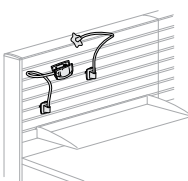
Tote Strap



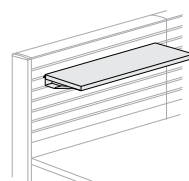
Binder Bin



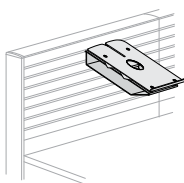
Tack Strip



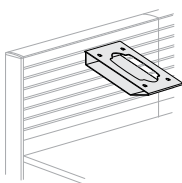
Gooseneck Kit



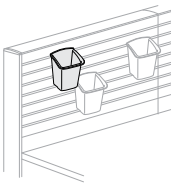
Mini-Shelf



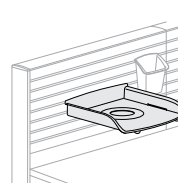
Phone Shelf



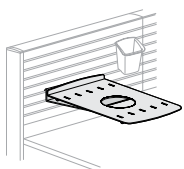
Phone Shelf Bracket



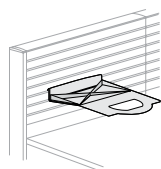
Tool Cup



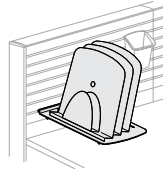
Letter Tray



Personal Shelf

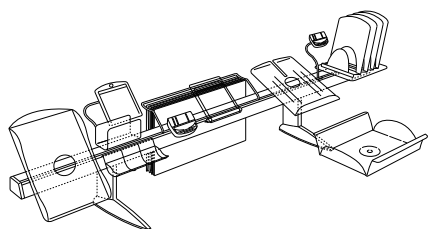


Personal Shelf Bracket



Paper Sorter

Jump Stuff



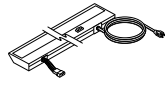
Note Additional Jump Stuff available; see Price List for details.

Interior Components

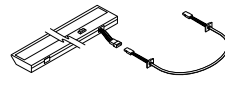
Lighting



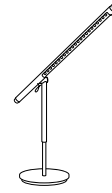
Adaptable Electronic
Ballast Task Light



Adaptable Task Light:
Daisy Chain
Starter Unit



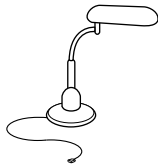
Adaptable Task Light:
Daisy Chain
Add-On Unit



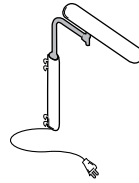
BRAZO®



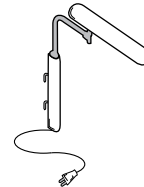
Wing Light



Pivot-Head Task Light



Pivot-Head:
Panel Hung



Pivot-Head:
Grid Mount

Upper Storage: Adaptable

Adaptable Overhead Storage Units and open shelves offer users above-the-worksurface storage for books and binders, etc.

Shelf and Standard Overhead Storage

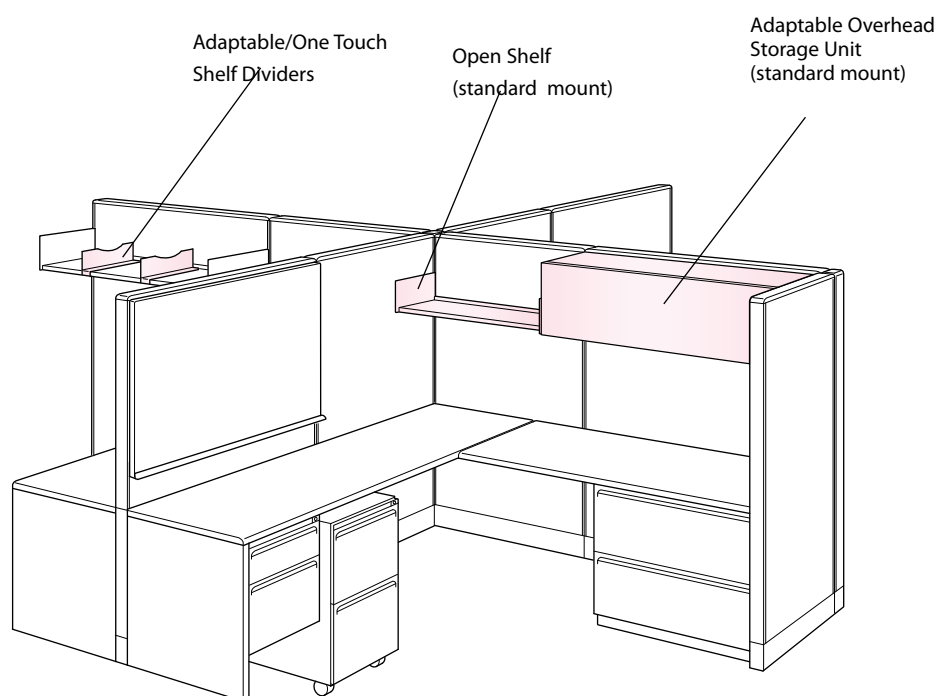
- Locks optional on all units with doors
- Backstop on shelves and overheads
- Anti-dislodgement device on shelves and overheads

Straight and Corner Mini-Shelf

- Designed for lightweight accessories
- Install in side trim rail slots

Up-Mount Overhead Storage Unit

- Locks are optional on Overhead Storage Unit
- Overhead Storage Unit has full back
- Shelf has back stop
- Anti-dislodgement device on Overhead Storage Unit



Notes Adaptable Task Lights are available for Adaptable Overhead Storage Units and shelves.

Upper Storage: UniGroup

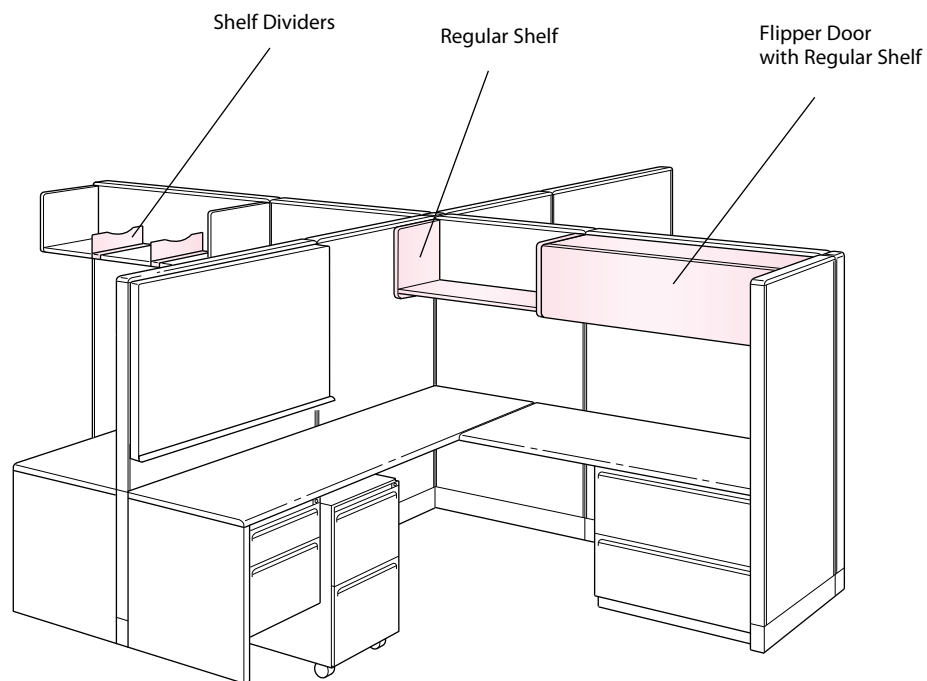
UniGroup offers a variety of panel-mounted storage products, including shelves and flipper doors. All of these components install on panel side trim rails in 1" (25mm) vertical increments.

Shelves

- Two shelf styles: low and regular
- Anti-dislodgement device
- Can be installed on one equal-width panel or on multiple panels equal to the unit's width
- Accept separately specified Adaptable Task Light
- Pressure-fitted shelf dividers are available as a separately specified accessory

Flipper Doors

- For use with regular shelves
- Available with fabric or laminate front
- Lock available with master key and keyed-alike options



Note Refer to UniGroup horizontal and vertical support guidelines for more information shelves and overhead storage applications.

Upper Storage: PLACES

PLACES offers a variety of panel-mounted storage products, including shelves, flipper doors, regular overhead, and mini-shelves. All of these components install on panel side trim rails in 1" (25mm) vertical increments.

Shelves

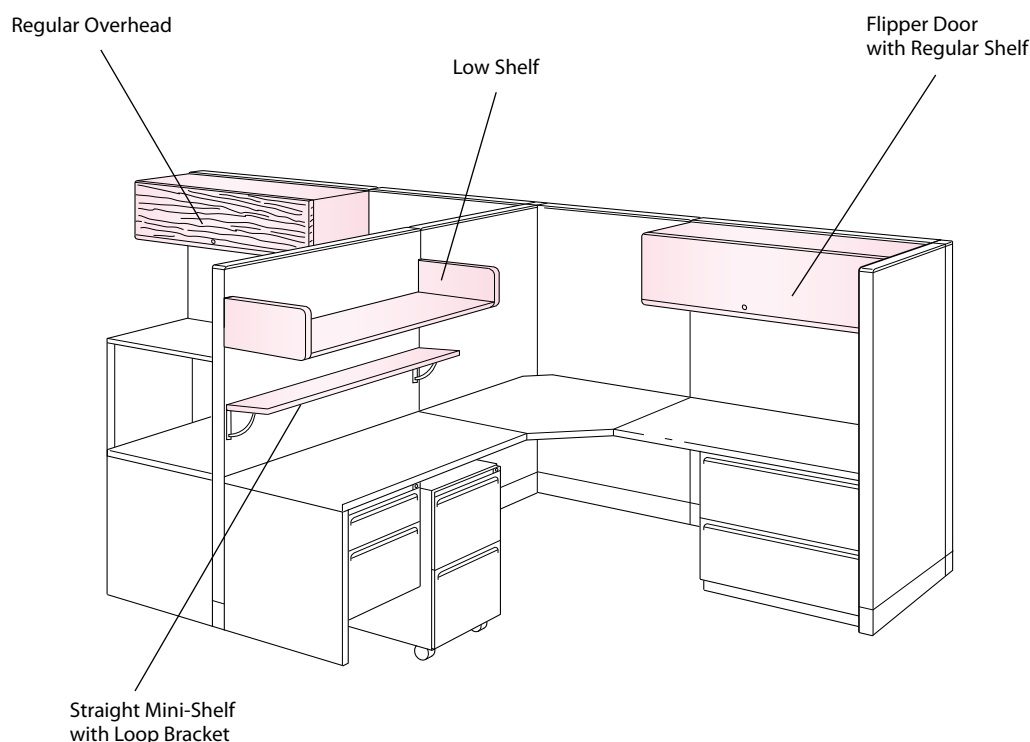
- Two shelf styles: low and regular
- Anti-dislodgement device
- Can be installed on one equal-width panel or on multiple panels equal to the unit's width
- Accept separately specified Adaptable Task Light
- Separately specified shelf accessories include pressure-fitted shelf dividers

Flipper Doors

- For use with regular shelves
- Available with laminate or fabric front
- Lock available with master key and keyed-alike options

Overhead Storage Units

- Available with painted case, wood door front, with wood pull
- Lock available with master key and keyed-alike options
- Anti-dislodgement device
- Can be installed on one equal-width panel or on multiple panels equal to the unit's width
- Accept separately specified Adaptable Task Light
- Separately specified shelf accessories include pressure-fitted shelf dividers

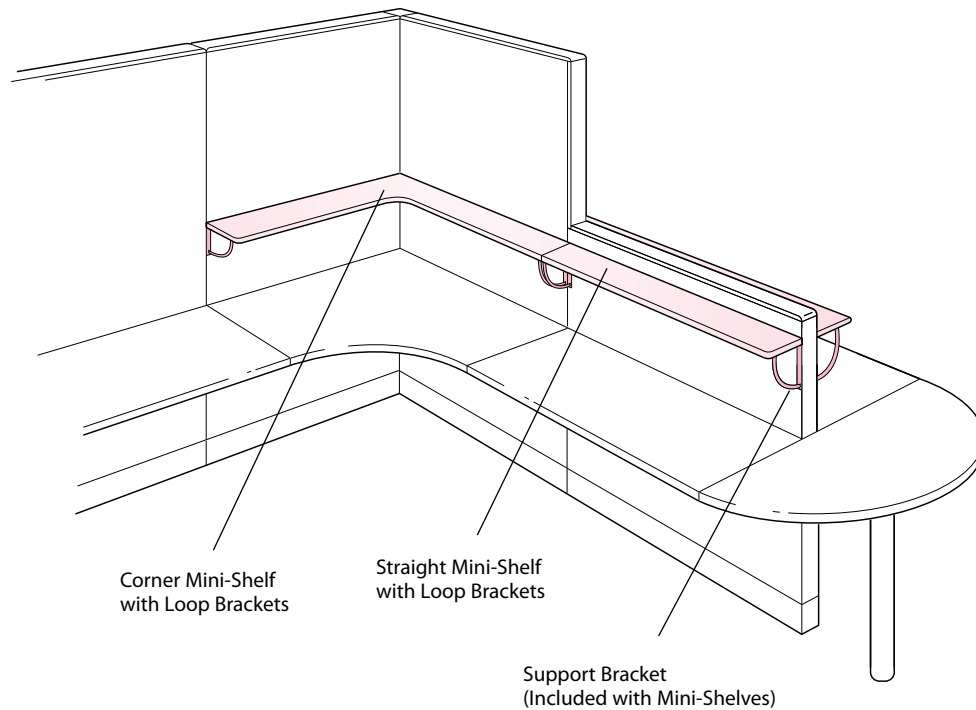


Note Refer to PLACES horizontal and vertical support guidelines for more information on applying shelves and overhead storage.

Upper Storage: UniGroup Too, UniGroup, and PLACES

Mini-Shelves

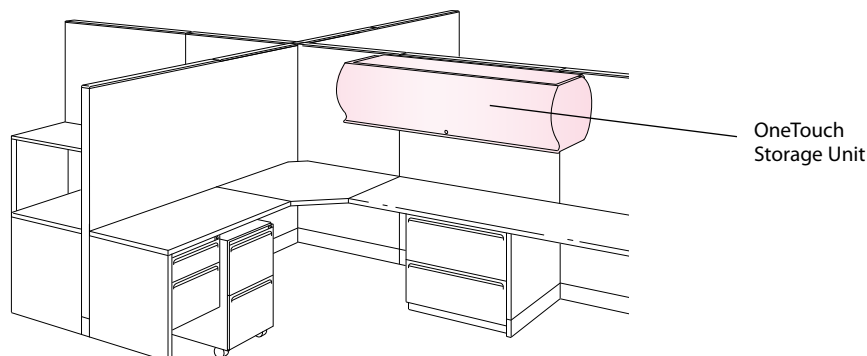
- There are two styles of Mini-Shelves, adaptable and mini-shelf with loop brackets. The attachment brackets have different aesthetics.
- Provide a convenient 6¼" (152mm)-deep surface for small items that might otherwise clutter the primary worksurface
- Install on panel side trim rails in 1" (25mm) vertical increments
- Available in two options:
 - Straight shelf, which mounts on one equal-width panel or on multiple panels equal to the unit's width
 - Corner shelf, which mounts on two equal-width panels, 24" (610mm) minimum width, in a 90° configuration
- Shipped with support brackets and attachment hardware



Upper Storage: UniGroup Too, UniGroup, and PLACES

OneTouch Overhead Storage Unit

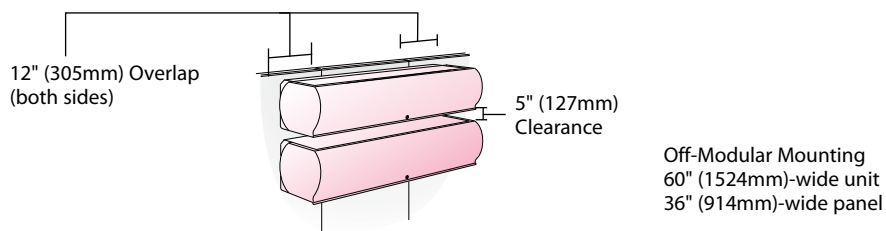
- Can be mounted in off-modular conditions, with up to 12" (305mm) of overhang on each side of the unit
- Overhead Storage Unit door opens and closes easily, with less than five pounds of force
- Overhead Storage Unit lock available with master key and keyed-alike options
- Anti-dislodgement feature
- Accepts separately specified Adaptable Task Light
- Accepts separately specified shelf dividers (NADR - 8)
- Recessed cable management trough neatly routes, stores, and conceals wires, cords, and cables



		ONETOUCH WIDTH/APPLICATION										PANEL WIDTH	
		30"	30"	36"	36"	42"	42"	48"	48"	60"	60"		
18" (457mm)		●	●	●		●							Centered Application
24" (610mm)		●	●	●	●	●		●					
30" (762mm)		●	●	●	●	●		●					Corner Application
36" (914mm)				●	●	●	●	●	●	●			
42" (1067mm)						●	●	●	●	●	●		Corner Application
48" (1219mm)								●	●	●	●	●	
54" (1372mm)										●	●	●	Corner Application
60" (1524mm)										●	●	●	

OneTouch Application Example

This application shows an off-modular mounting example, as well as acceptable installations of two Overhead Storage Units.



Notes

- A OneTouch unit must be equal to or wider than the panel to which it is mounted.
- Stacked Overhead Storage Units must have 5" (127mm) of clearance between the bottom of the upper unit and the top of the closed lower unit; the same guideline applies to an Overhead Storage Unit mounted below a shelf unit.
- Refer to UniGroup Too, UniGroup, and PLACES horizontal and vertical support guidelines for more information on OneTouch Overhead Storage Unit applications.

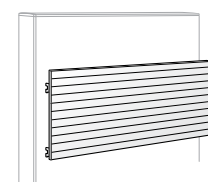
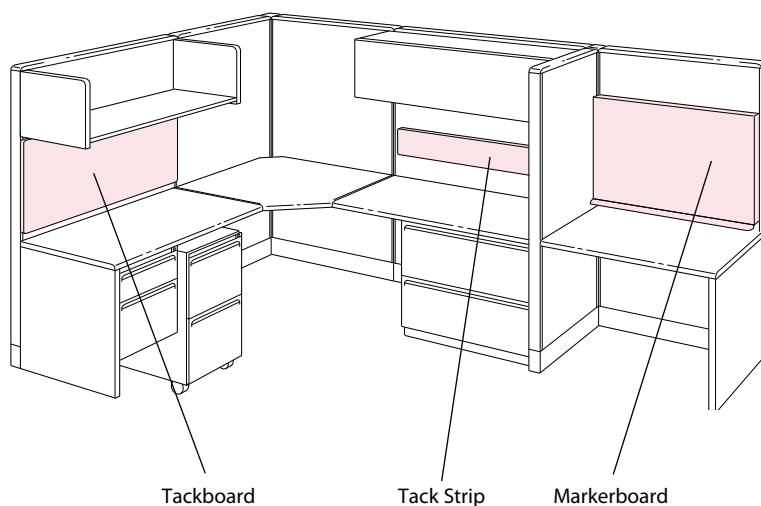
Task Organization: UniGroup Too, UniGroup, and PLACES

UniGroup Too, UniGroup, and PLACES provides a myriad of distinctively-designed work tools that create additional storage and organization space in individual workstations. Solutions abound with information display and Jump Stuff products and task organization products.

Tackboards, Tack Strips, Markerboards, and Wall Accessory Slat Pads

Tackboards, Tack Strips, and Markerboards are all optional panel-mounted accessories that provide information display space. Components install on panel side trim rails in 1" (25mm) vertical increments.

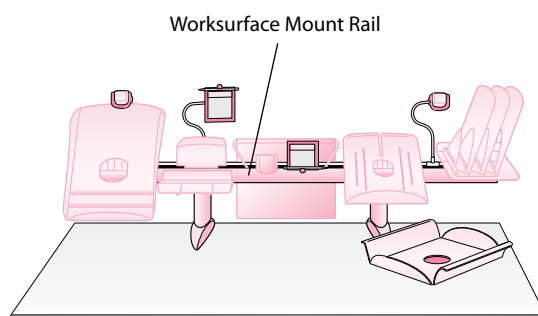
- Tackboards and Tack Strips are available in most systems panel fabrics
- Markerboards have a white writing surface; a tray for storing markers; and four markers and an eraser
- Markerboards are available with or without a magnetic surface
- Wall Accessory Slat Pads are available with separately specified slat pad accessories



Wall Accessory Slat Pad

Jump Stuff

Jump Stuff is a complete line of work tools bringing a sense of fun to the serious business of productivity enhancement. Jump Stuff tools are available in four translucent colors — Ice (blue), Moon (amber), Shadow (charcoal), and Frost (white) — that cause their physical form to virtually disappear and the users' work to stand out. Jump Stuff includes a 2-Way tray, 2-Way display, 3-layer tray, catch-all tray, paper sorter, personal shelf, file frame, phone caddy, sketch pad kit, disc box and more.



Jump Stuff mount rails can be specified to attach to worksurfaces, panels, or walls. A freestanding mount rail is also available.

Task Organization: UniGroup Too, UniGroup, and PLACES

Grid and Accessories

Grid and accessories products offer organized, immediate access to frequently-used work tools and reference materials. The grid and accessories system consists of the following components:

Grid

- Mounts to side trim rails of an equal-width panel, to multiple panels whose combined width equals the grid's width, or to Wall Tracks attached to a structural building wall; grid installs on panel side trim rails or Wall Track in 1" (25mm) vertical increments
- Horizontal rods accept optional accessories that hang on rods
- Mounting channels at either end will conceal a task light power cord extending from the shelf bottom to worksurface
- Available in seven widths: 24" (610mm), 30" (762mm), 36" (914mm), 42" (1067mm), 48" (1219mm), 54" (1372mm), and 60" (1524mm)

Reference Tray

- Available as a grid-mounted accessory only
- Sloped, sturdy tray surface supports books as large as 10¾" (273mm) x 13" (330mm)
- Raised front edge on tray prevents slippage of reference material

Mailbox

- Available as a grid-mounted accessory only
- Includes two concave metal trays
- 12½" (318mm) wide; 10¾" (273mm) deep

Diskette Bin

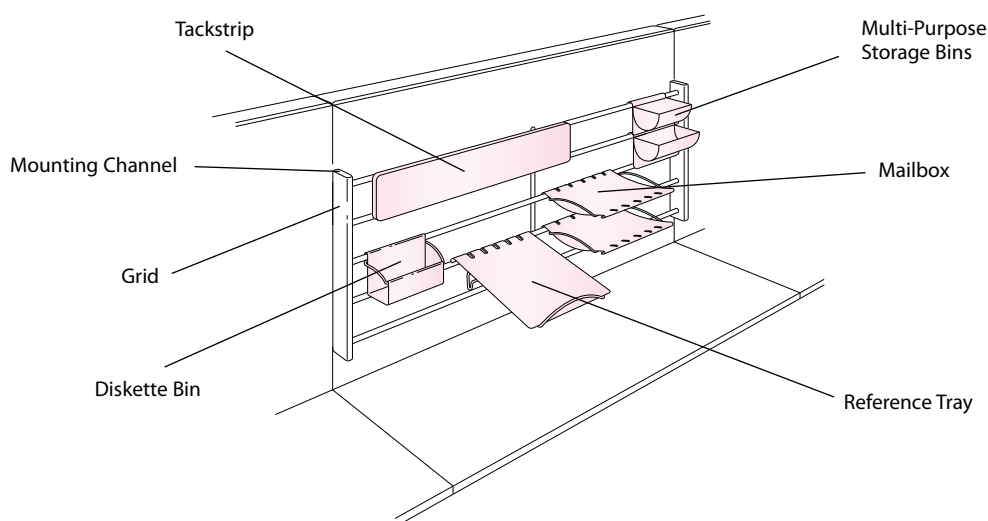
- Accommodates most types of computer data storage media
- Removes easily from grid for placement in secure storage

Multi-Purpose Storage Bin

- Available as a grid-mounted accessory only
- Designed to hold writing instruments and a variety of paper fasteners
- Available in two widths, 4" (102mm) and 8" (203mm)

Grid Tackstrip

- Mounts between any two horizontal grid rods
- Available in two widths, 24" (610mm) and 30" (762mm)
- 3½" (89mm) high



Notes

- 12" (305mm)-high grid typically installs below a countertop on a 44" (1118mm)-high panel.
- 16" (406mm)-high grid typically installs between a worksurface and panel-hung shelf or other upper storage component.

Task Organization: UniGroup Too, UniGroup, and PLACES

Task Organization Paper Management

The task organization paper management system efficiently handles the movement and storage of documents, files, and binders. All components are constructed of coated wire form frames to allow an open view of stored materials. The system consists of the following components:

Paper Management Mounting Bar:

- Mounts to side trim rails of an equal-width panel or to multiple panels whose combined width equals the bar's width; mounting bar installs on panel side trim rails in 1" (25mm) vertical increments
- Accepts optional accessories that hang on mounting bar
- Available in six widths: 24" (610mm), 30" (762mm), 36" (914mm), 42" (1067mm), 48" (1219mm), and 60" (1524mm)
- 2" (51mm) high

Diagonal Unit:

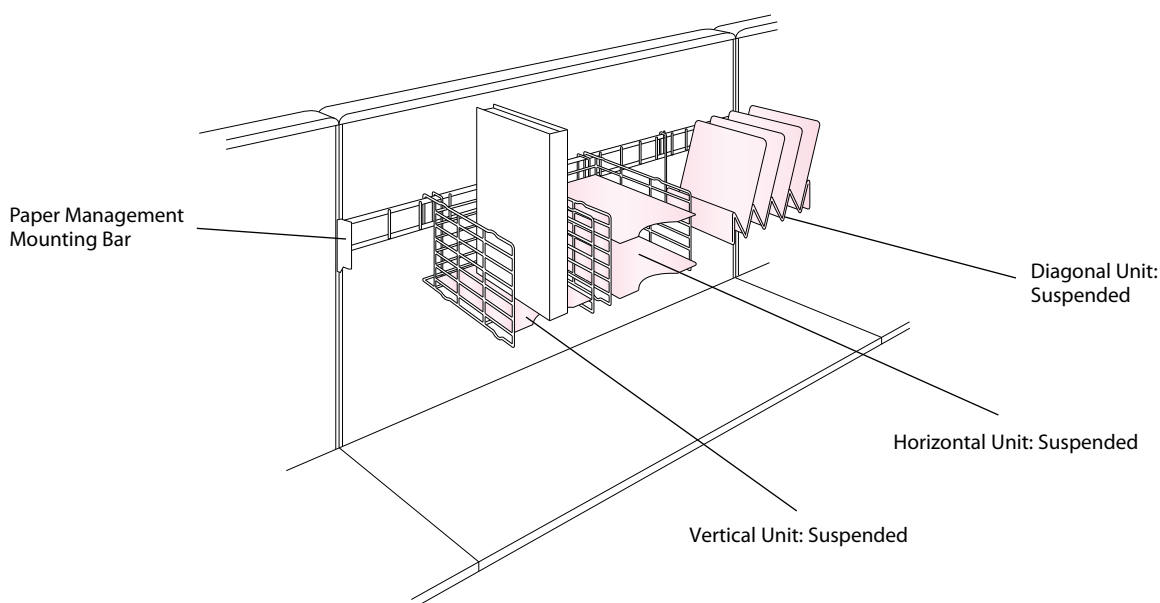
- Available as a bar-mounted and freestanding accessory
- Available with two or four dividers
- Dividers are field-adjustable for right- or left-hand orientation
- Each divider holds files up to 2½" (64mm) thick

Horizontal Unit:

- Available as a bar-mounted and freestanding accessory
- Includes one fixed-position tray and one adjustable tray
- Accepts up to four separately specified additional trays at 1" (25mm) intervals
- Can be specified for front-to-back or side-to-side paper storage

Vertical Unit:

- Available as a bar-mounted and freestanding accessory
- Includes one fixed-position bottom tray for storage of binders in an upright position
- Accepts up to five separately specified additional trays at 1" (25mm) intervals

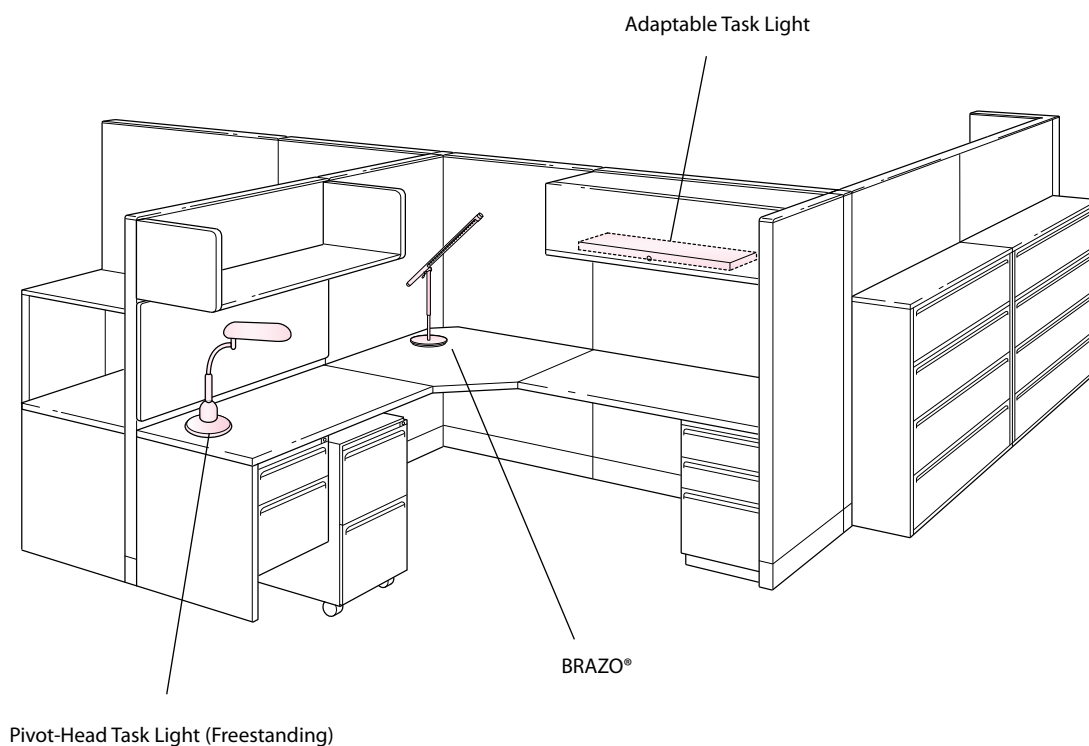


Note Task organization paper management should not be used with Wall Track.

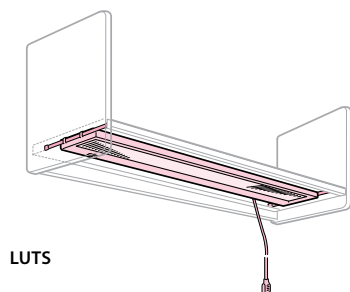
Lighting: Overview

UniGroup Too, UniGroup, and PLACES offers task lighting fixtures. They address lighting requirements of individual workstations and common areas within a systems furniture installation. Many sizes are available to ensure that the correct amount of lighting is specified. Lighting fixtures conserve electricity due to energy-saving lamps and ballasts.

Adaptable Task Lights, Pivot-Head Task lights, BRAZO®, and Wing lights provide concentrated lighting for worksurfaces and other task-oriented spaces.

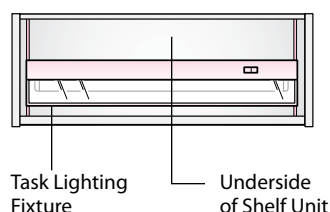


Adaptable Task Lighting



Adaptable Components task lights can be mounted below regular depth shelves, Overhead Storage Units, countertops, and vertical storage unit shelves. Their acrylic lenses provide a prismatic light distribution with an optional batwing lens. Lights are shipped standard with low mercury content T8 fluorescent lamps which have a 20,000 hour rated life. All lights utilize electronic ballasts which are energy efficient, provide greater light output, and operate at a lower temperature — reducing energy consumption up to 40%.

Mounted Task Light



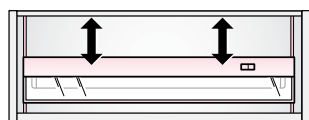
Task Light Options

Undershelf task lights are mounted below adaptable Overhead Storage Units and shelves and OneTouch Overhead Storage Units. They are designed to illuminate worksurfaces and other task-oriented areas.

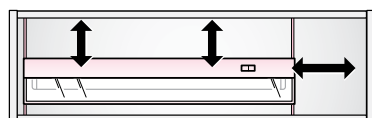
Task lights can be mounted under countertops to illuminate the worksurface below the countertop. Specify a task light that's one(1) size smaller than the countertop's width. The countertop must be shifted 1" off-center towards the side the light is attached to.

Task lights are shipped with a 6' (1829mm) power cord installed on the fixture's right-hand side; the cord can be field-retrofitted to a left-hand orientation on 42" and 54" lights. An optional 9' (2743mm) cord is available. Chicago Electrical code lights are also available.

Front-to-Back Adjustment



Front-to-Back and Side-to-Side Adjustment



Undershelf Task Light Mounting

Undershelf task lights are shipped with mounting brackets for installation under regular-depth shelf units. Task lights can be the same width as or narrower than the supporting unit:

- On equal-width units, brackets allow front-to-back fixture adjustment
- On narrower-width units, brackets allow both front-to-back and side-to-side fixture adjustment
- Task light is flush to underside of adaptable regular-depth shelf or Overhead Storage Unit
- Does not protrude below mounted surface

Adaptable Components, Fixed-Intensity, Electronic Ballast: LUTS Series

NOMINAL SIZE	ACTUAL SIZE	LAMP	WATTS	POWER FACTOR	STANDARD BALLAST	STANDARD LENS
24" (610mm)	19" (483mm)	3500K 13W T8*, 18" (457mm) long	13	Normal (>.5)	Electronic	Prismatic
30" (762mm)	25" (635mm)	3500K 17W T8*, 24" (610mm) long	17	Normal (>.5)	Electronic	Prismatic
42" (1067mm)	37" (940mm)	3500K 25W T8*, 36" (914mm) long	25	Normal (>.5)	Electronic	Prismatic
54" (1372mm)	49" (1245mm)	3500K 32W T8*, 48" (1219mm) long	32	Normal (>.5)	Electronic	Prismatic

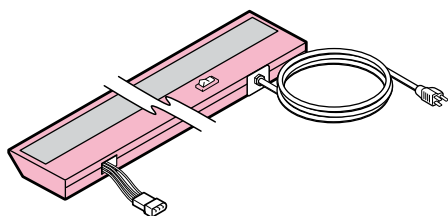
* Only T8 Tri-Phosphor Optic lamps can be used.

Note A task light may be of equal or less width than the unit to which it is attached, but may not span across adjacent units.

Adaptable Task Lighting: Daisy Chain

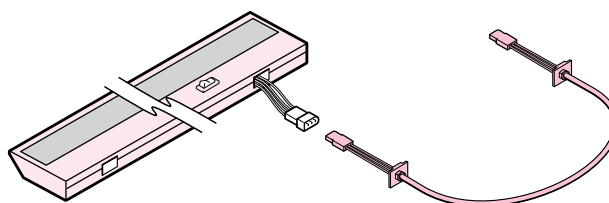
Daisy Chain Adaptable Task Light: Starter and Add-On Adaptable Task Lights

Adaptable Task Lights can utilize a Daisy Chain application, allowing the capability of linking multiple task lights together, through the specification of a Starter Unit and Add-On Units within the Adaptable Task Light offering. In systems environments, Daisy Chain applications can be used beneath Overhead Storage Units and shelves.



Starter Unit
(includes cord with plug)

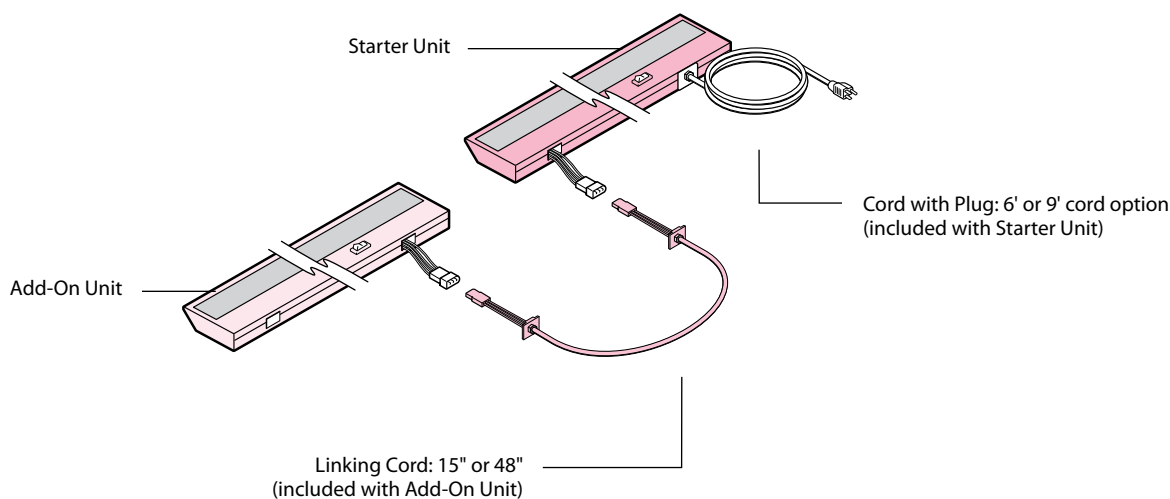
LUTR-00 __-1_UE _



Add-On Unit
(includes 15" or 48" linking cord)

LUTD-00 __-1_UE _

How Starter Units Connect to Add-On Units:



Tips

- Daisy Chain applications can link a maximum of five Task Lights and/or cannot exceed a run length of 20'.
- Daisy Chain Task Light applications will allow all Task Lights linked together to be switched on and off independently.
- Starter and Add-On Task Lights are offered in 42" Wide and 54" Wide Task Lights.
- Starter and Add-On Task Light cords cannot span through a panel; Daisy Chain Task Lights must be directly adjacent to one another.
- Starter and Add-On Task Lights will be limited in field reconfigurations.

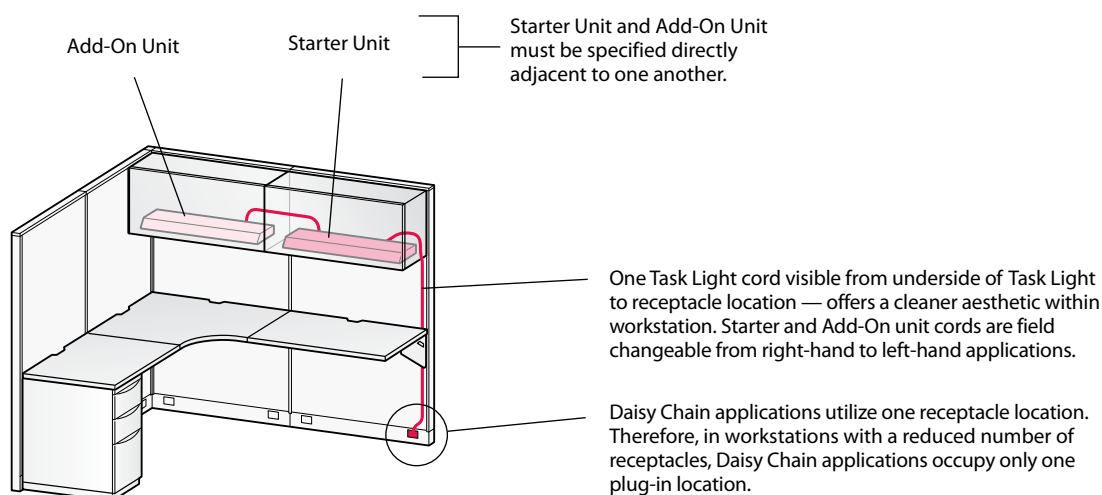
Adaptable Task Lighting: Daisy Chain

When to consider using a Daisy Chain application:

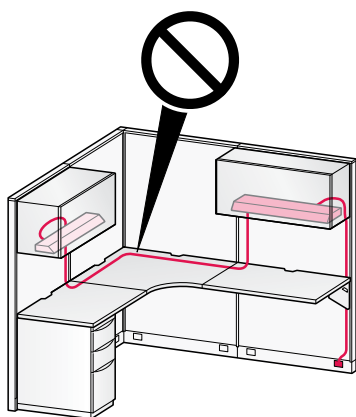
- **Aesthetic Considerations:** The specifier and/or the user may not want to see multiple Task Light cords hanging from below the Overhead Storage Units or shelves. Daisy Chain applications, through the use of a linking cord, can connect Task Lights to one another while utilizing only one cord with plug to the workstation receptacle.
- **A workstation may have limited receptacle locations:** The workstation may not provide multiple receptacles. A Daisy Chain application can link up to five Task Lights together, plugging in at one access point. This allows for one Starter Unit and up to four Add-On Units.

Understanding Daisy Chain Applications:

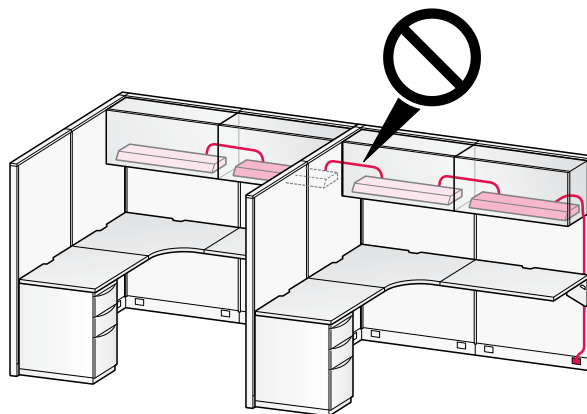
Within an Individual Workstation



Daisy Chain applications cannot support non-adjacent Adaptable Task Lights.



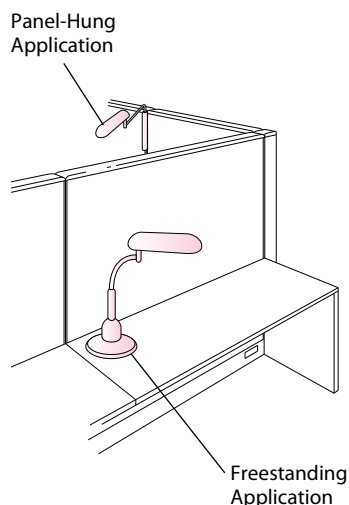
Daisy Chain applications cannot span through a panel.



Tips

- Daisy Chain applications can link a maximum of five Task Lights and/or cannot exceed a run length of 20'.
- Daisy Chain Task Light applications will allow all Task Lights linked together to be switched on and off independently.
- Starter and Add-On Task Lights are offered in 42" Wide and 54" Wide Task Lights.
- Starter and Add-On Task Light cords cannot span through a panel; Daisy Chain Task Lights must be directly adjacent to one another.
- Starter and Add-On Task Lights will be limited in field reconfigurations.

Pivot-Head Task Light



Pivot-head task lighting fixtures provide concentrated lighting for workspaces and other task-oriented spaces.

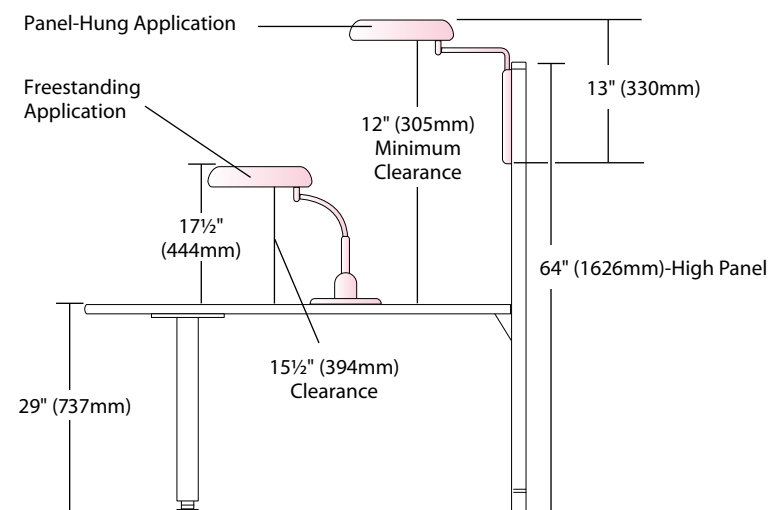
Pivot-Head Task Light Options

Three models of pivot-head task lights are available:

- Freestanding model pivots 350° on an 8" (203mm) base
- Panel-hung model has a bracket that mounts into slots in the panel side rail; it pivots 180° at the mounting bracket
- Grid-mounted model has a bracket that mounts on the rails of 16" (406mm)-high grids only; it can mount along the grid's rail; it pivots 180° at the mounting bracket

Pivot-Head Task Light Product Dimensions and Clearances

The illustration below provides details on the clearances between the pivot head and the worksurface for freestanding and panel-hung models. Note that the grid-mounted pivot head fixture's height is going to be affected by the installed height of the grid to the panel.



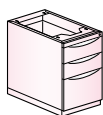
Tips

- All three models are furnished with twin tube, 13-watt fluorescent lamps (color temperature 3500 K; amp draw 0.3; 18 watts including ballast); all models are also equipped with a 6' (1829mm) black power cord.
- All three models can fit the space between a worksurface mounted at 29" (737mm) and a shelf or Overhead Storage Unit mounted 18" (457mm) above the worksurface.
- Panel- and Grid-mounted fixtures can be field-changed by specifying additional mounting brackets separately.

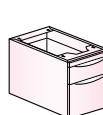
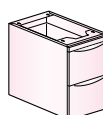
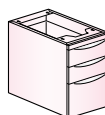
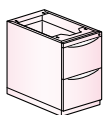
X Series and V Series Files and Storage

X Series

Pedestals 18", 24", or 30" D (attached or suspended)

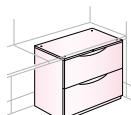


Attached

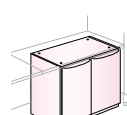


Suspended

Lateral Files 30", 36", or 42" W x 18.75" D (attached)



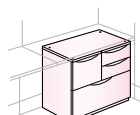
Two-High



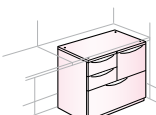
Two-High

Storage Cabinets 30", 36", or 42" W x 18.75" D

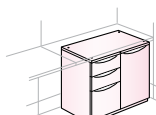
Combination Units 30", 36", or 42" W x 18.75" D (attached; available left- or right-handed)



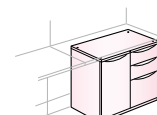
Two-High



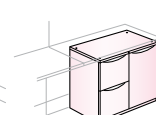
Two-High



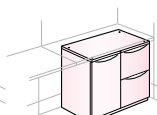
Two-High



Two-High



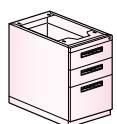
Two-High



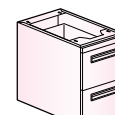
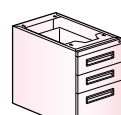
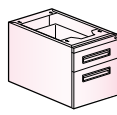
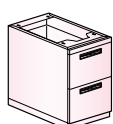
Two-High

V Series

Pedestals 17", 23", or 29" D (attached or suspended)

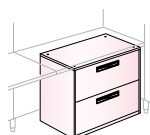


Attached



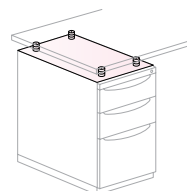
Suspended

Lateral Files 30", 36", or 42" W x 18" D (attached or freestanding)



Two-High

X Series and V Series Files and Storage: Accessories



Worksurface Height Adjustment Kit
for Attached Pedestal
JAKA-1



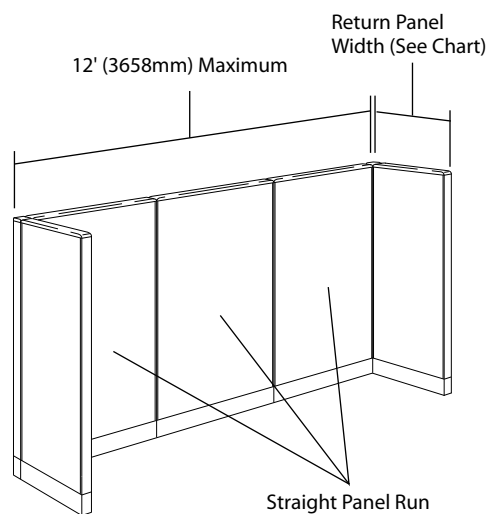
Worksurface Height Adjustment Kit
for Attached Lateral File
JSHA-1



Product Application



Support and Load Guidelines: Horizontal Support

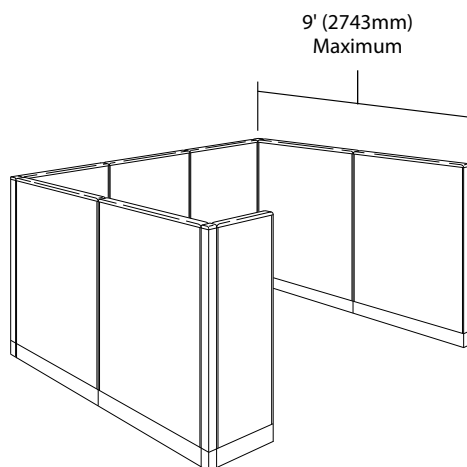


Fabric/Laminate Surface Panels: Unloaded Condition without Components (Unbalanced)

A run of panels can be up to 12' (3659mm) long when supported at each end by a minimum 42" (1067mm)-wide matching-height return panel attached at 90°.

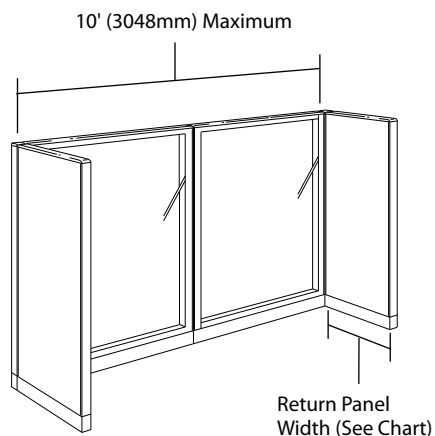
LENGTH OF RUN	MINIMUM RETURN WIDTH
2' to 8'	30" (762mm)
8'6" to 10'	36" (914mm)
10'6" to 12'	42" (1067mm)

Note Unbalanced panel runs without components in U-shaped configurations require matching-height return panels and 90° Finish Posts.



A run of fabric/laminate/wood surface panels supported on one side only with return panel(s) cannot exceed 9' (2743mm).

Support and Load Guidelines: Horizontal Support

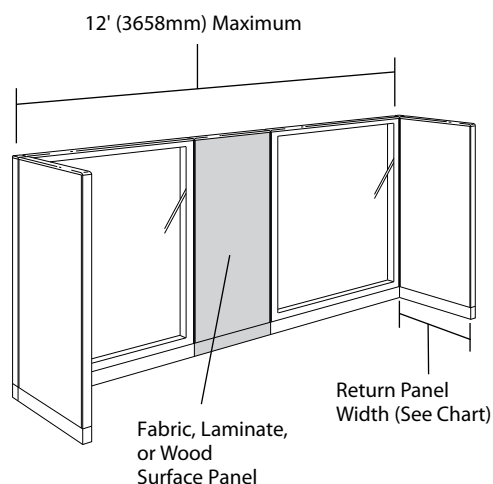


Glazed Surface Panels: Unloaded Condition without Components (Unbalanced)

A run of glazed panels can be up to 10' (3048mm) long when supported at each end by a minimum 42" (1067mm)-wide return panel attached at 90°. The return panels must be matching height.

LENGTH OF RUN	MINIMUM RETURN WIDTH
2' to 8'	36" (914mm)
8'6" to 10'	42" (1067mm)

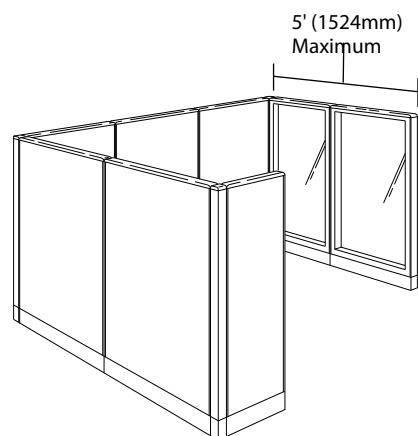
Note Unbalanced panel runs without components in U-shaped configurations require matching-height return panels and 90° Finish Posts.



A run of glazed panels can be up to 12' (3658mm) long when a fabric-, laminate-, or wood-surfaced panel is incorporated into the panel run. The panel run must be supported at each end by a minimum 48" (1219mm)-wide matching-height return panel attached at 90°.

LENGTH OF RUN	MINIMUM RETURN WIDTH
2' to 8'	36" (914mm)
8'6" to 10'	42" (1067mm)
10'6" to 12'	48" (1219mm)

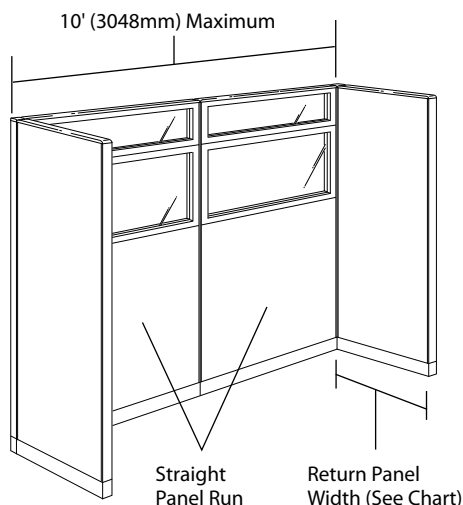
Note Unbalanced panel runs without components in U-shaped configurations require matching-height return panels and 90° Finish Posts.



A run of glazed panels supported on one side only with return panels cannot exceed 5' (1524mm).

Note In this application, the run can be extended to 9' (2743mm) with the addition of a 4' (1219mm)-wide fabric/laminate/wood surface panel.

Support and Load Guidelines: Horizontal Support

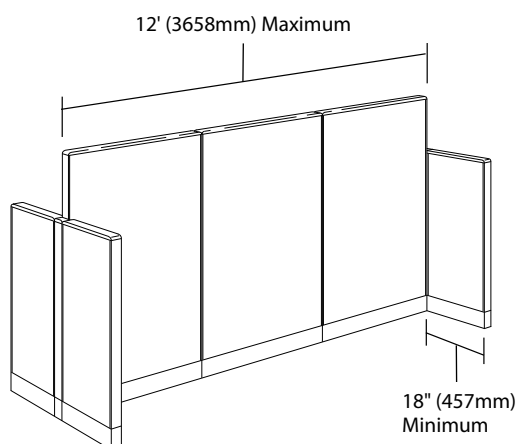


Fabric Surface Panels with Glazed Add-On Panels: Unloaded Condition without Components (Unbalanced)

A run of fabric surface panels with (2) Glazed Add-On panels in length from 2' (1548mm) to 5' (1524mm) long when supported at each end by a minimum 36" (914mm)-wide matching-height return panel attached at 90°.

LENGTH OF RUN	MINIMUM RETURN WIDTH
2' to 5'	36" (914mm)
5'6" to 10'	42" (1067mm)

Note Unbalanced panel runs without components in U-shaped configurations require matching-height return panels and 90° Finish Posts.



Fabric/Laminate/Wood Surface Panels: Unloaded Condition without Components (Balanced)

A run of panels can be up to 12' (3659mm) long when supported at each end by two return panels attached at 90°. In this instance, the return panel widths can be reduced from 24" (610mm) to 18" (457mm).

Balanced panel runs without overhead storage components must be supported by return panels according to the following minimum return panel height requirements:

UniGroup Too Return Panel Height Requirement

SUPPORTING PANEL HEIGHTS	REQ. MIN. RETURN PANEL HEIGHTS
32" (813mm)	32" (813mm)
40" (1016mm)	40" (1016mm)
48" (1219mm)	40" (1016mm)
56" (1422mm)	48" (1219mm)
64" (1626mm)	48" (1219mm)
72" (1829mm)	48" (1219mm)
80" (2032mm)	48" (1219mm)

UniGroup and PLACES Return Panel Height Requirement

SUPPORTING PANEL HEIGHTS	REQ. MIN. RETURN PANEL HEIGHTS
30" (762mm)	30" (762mm)
37" (940mm)	37" (940mm)
44" (1118mm)	37" (940mm)
50" (1270mm)	37" (940mm)
56" (1422mm)	44" (1118mm)
64" (1626mm)	44" (1118mm)
68" (1727mm)	44" (1118mm)
82" (2083mm)	44" (1118mm)

Tip This configuration is typically used for freestanding panel-wrap applications such as surrounding lateral files and credenzas.

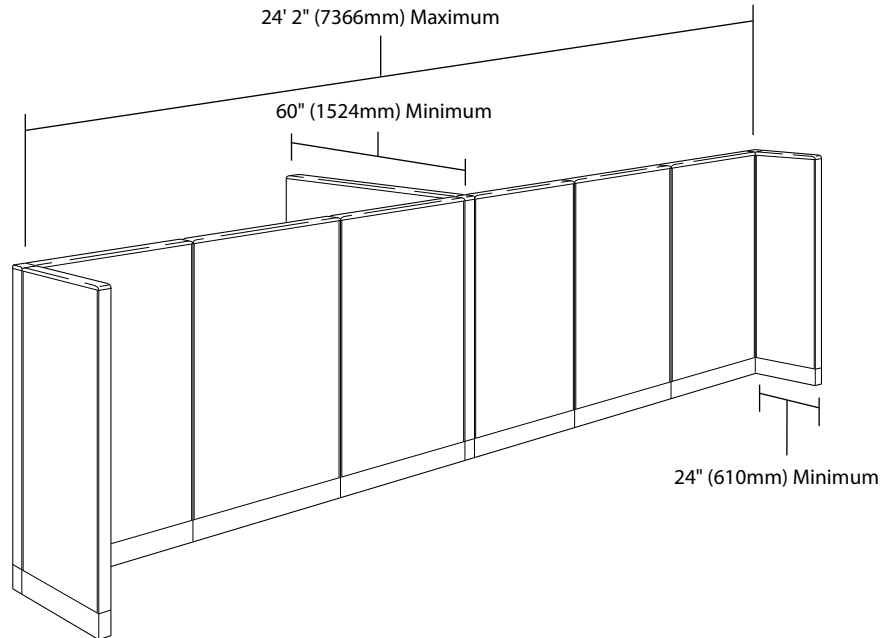
Support and Load Guidelines: Horizontal Support

Fabric/Laminate/Wood Surface Panels: Unloaded Condition without Components (Balanced), Continued

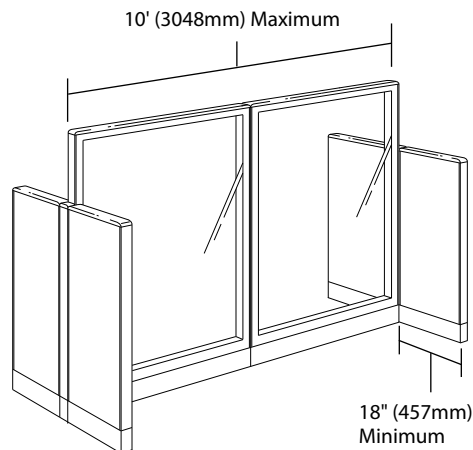
A run of panels can be up to 24' 2" (7366mm) long when supported:

On one side with 24" (610mm) wide return panels attached at 90° at each end of the panel run

On the opposite side with one 60" (1524mm)-wide return panel matching the height of the panel run; the 60" (1524mm)-wide panel can be attached to the panel run using panel hinges or a T-Mount kit



This application is used to create long, uninterrupted panel runs (on one side) for large private offices and conference rooms.



Glazed Surface Panels: Unloaded Condition without Components (Balanced)

A run of panels can be up to 10' (3048mm) long when supported at each end by two return panels attached at 90°. In this instance, the return panel widths can be reduced from 24" (610mm) to 18" (457mm).

Balanced panel runs without overhead storage components must be supported by return panels according to the following minimum return panel height requirements:

UniGroup Too Return Panel Height Requirement

SUPPORTING PANEL HEIGHT	REQ. MIN. RETURN PANEL HEIGHT
64" (1626mm)	48" (1219mm)
72" (1829mm)	48" (1219mm)
80" (2032mm)	48" (1219mm)

UniGroup and PLACES Return Panel Height Requirement

SUPPORTING PANEL HEIGHT	REQ. MIN. RETURN PANEL HEIGHT
44" (1118mm)	37" (940mm)
50" (1270mm)	37" (940mm)
64" (1626mm)	44" (1118mm)
68" (1727mm)	44" (1118mm)
82" (2083mm)	44" (1118mm)

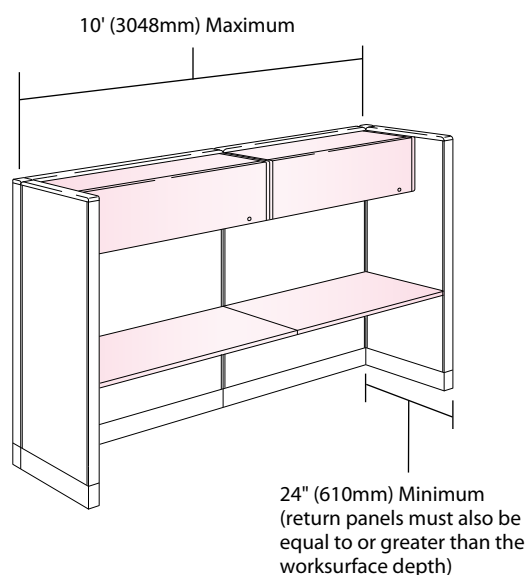
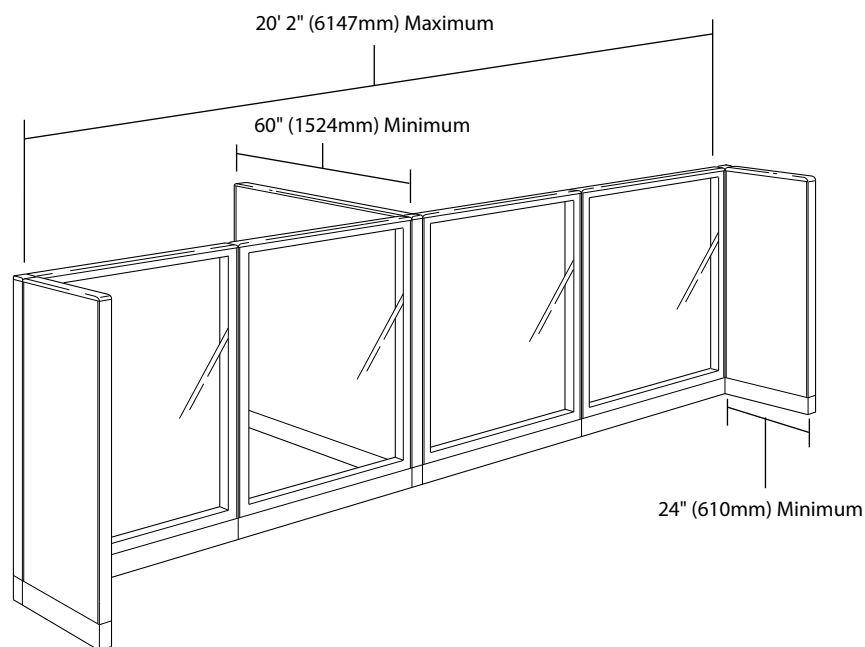
Support and Load Guidelines: Horizontal Support

Glazed Surface Panels: Unloaded Condition without Components (Balanced), continued

A run of panels can be up to 20' 2" (6147mm) long when supported:

On one side with 24" (610mm) wide return panels attached at 90° at each end of the panel run

On the opposite side with one 60" (1524mm)-wide return panel matching the height of the panel run; the 60" (1524mm)-wide panel can be attached to the panel run using panel hinges or a T-Mount kit



Fabric/Laminate/Wood Surface Panels: Loaded Condition with Components

A run of panels with panel-hung components, including worksurfaces, can be up to 10' (3048mm) long when supported at each end by return panels whose width is a minimum of 24" (610mm). Return panels must also be equal to or greater than the worksurface depth.

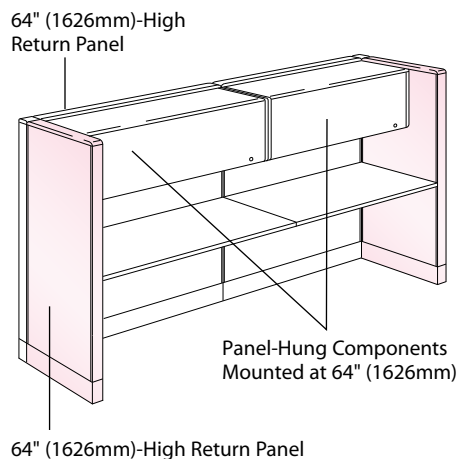
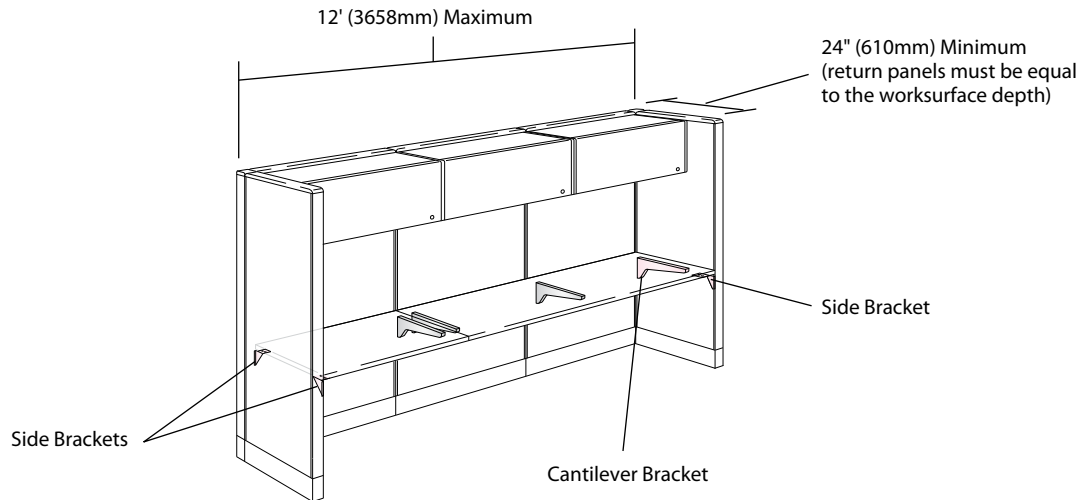
Support and Load Guidelines: Horizontal Support

Fabric/Laminate/Wood Surface Panels: Loaded Condition with Components, Cont.

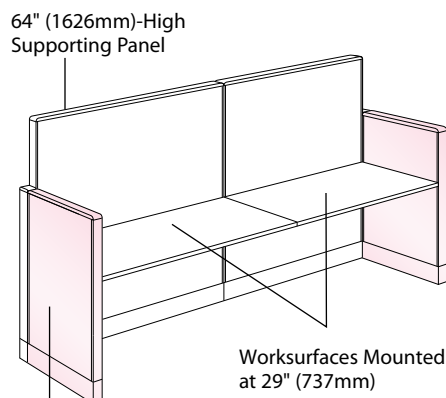
To increase a run of panels with panel-hung components, including worksurfaces, up to 12' (3658mm) long, the panel run must be supported at each end by return panels whose width is a minimum of 24" (610mm) AND worksurfaces must be attached at each end of the panel run as follows:

With a separately specified side bracket, which attaches the worksurface to the return panel's side trim rail or

With a side bracket combined with a cantilever support bracket



64" (1626mm)-High Return Panel



44" (1118mm)-High Return Panel

Return panels must equal or exceed the installed height of the highest panel-mounted load-bearing component (e.g. worksurface, shelf, Overhead Storage Unit, etc.).

Return panels must meet the minimum return panel heights shown in the chart below:

UniGroup Too Return Panel Height Requirement

SUPPORTING PANEL HEIGHTS	REQ. MIN. RETURN PANEL HEIGHTS
32" (813mm)	32" (813mm)
40" (1016mm)	40" (1016mm)
48" (1219mm)	40" (1016mm)
56" (1422mm)	48" (1219mm)
64" (1626mm)	48" (1219mm)
72" (1829mm)	48" (1219mm)
80" (2032mm)	48" (1219mm)

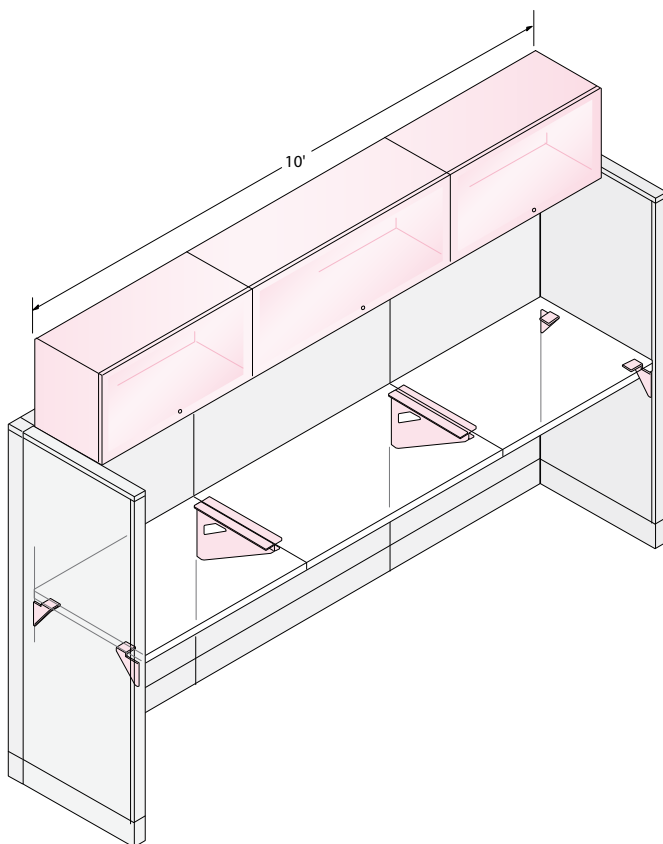
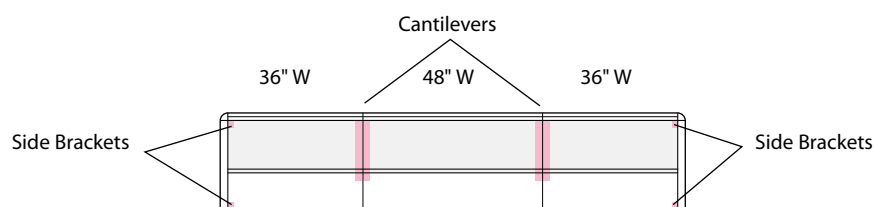
UniGroup and PLACES Return Panel Height Requirement

SUPPORTING PANEL HEIGHTS	REQ. MIN. RETURN PANEL HEIGHTS
30" (762mm)	30" (762mm)
37" (940mm)	37" (940mm)
44" (1118mm)	37" (940mm)
50" (1270mm)	37" (940mm)
56" (1422mm)	44" (1118mm)
64" (1626mm)	44" (1118mm)
68" (1727mm)	44" (1118mm)
82" (2083mm)	44" (1118mm)

Support and Load Guidelines: Horizontal Support

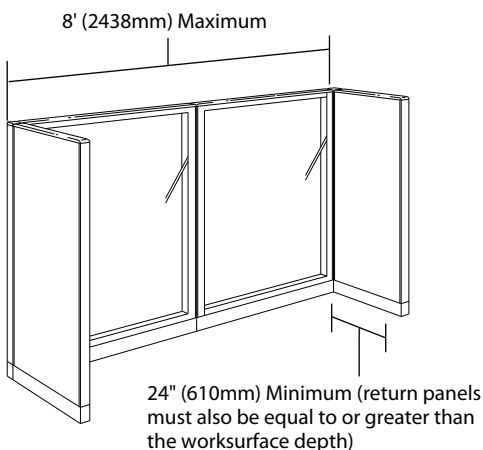
Overhead Storage Unit: Up-Mount Application Guidelines

- Maximum application using up-mount Overhead Storage Units is 10 feet.
- Return panels are required and must be within 16" from the top of the Overhead Storage Unit. Recommended panel height is 48", 53", or 56" High.
- If attached lower storage is not used adjacent to return panel, side brackets must be used to support end of worksurfaces. Cantilevers may be used as intermediate worksurface support between worksurfaces.
- Fully cantilevered worksurfaces may not be used in this application.



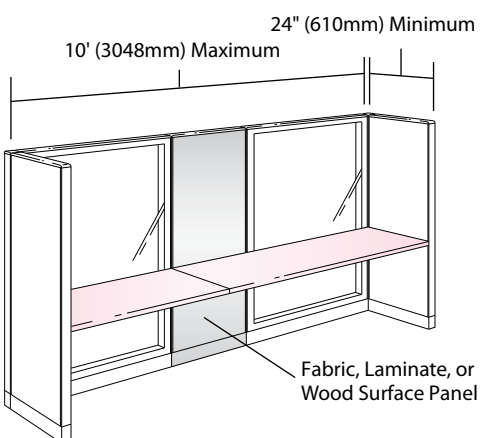
Refer to Price List for additional information.

Support and Load Guidelines: Horizontal Support

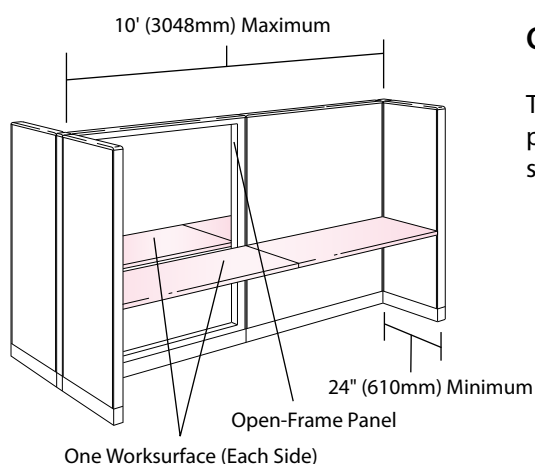


Glazed Surface Panels: Loaded Condition with Components

A run of glazed panels with panel-hung worksurfaces can be up to 8' (2438mm) long when supported at each end by return panels whose width is a minimum of 24" (610mm).



A straight run of glazed panels with panel-hung worksurfaces can be up to 10' (3048mm) long when a fabric-, laminate-, or wood-surfaced panel is incorporated into the panel run. The panel run must be supported at each end by a minimum 24" (610mm)-wide return panel attached at 90°.



Open-Frame Panels

The horizontal support and load guidelines for open-frame panels are identical to glazed panels. An open-frame panel can support one worksurface on each side of the panel.

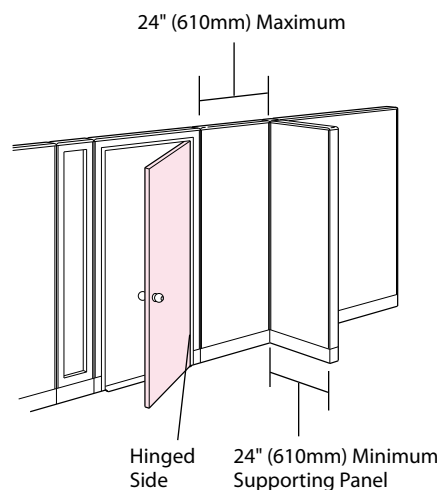


To provide storage components for glazed or open-frame panel-equipped workstations, specify personal storage towers, and/or attached, mobile, or freestanding pedestals.

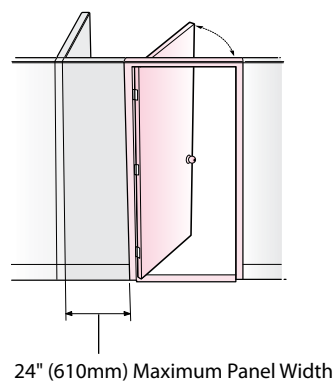
Notes

- Glazed and open-frame panels can support worksurfaces only.
- Suspended pedestals may not be specified for worksurfaces mounted on glazed or open-frame panels.
- Only one open-frame panel is allowed in a 10' (3048mm) panel run.

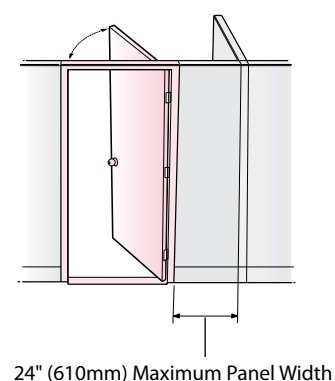
Support and Load Guidelines: Horizontal Support



Left-Hand Door Swing



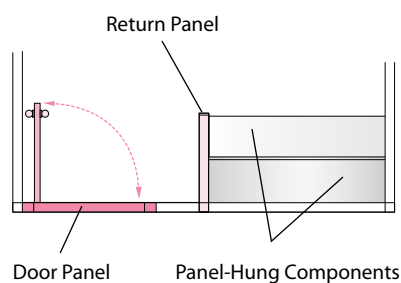
Right-Hand Door Swing



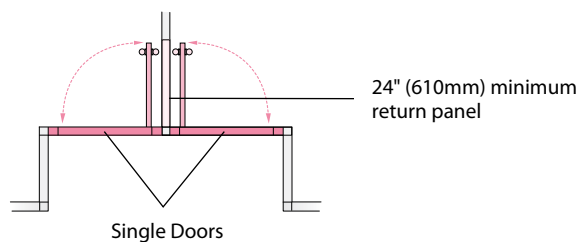
Door Panels

A door may be placed a maximum of 24" (610mm) from the 90° supporting panels. The hinged side of the door should be toward the supporting panels.

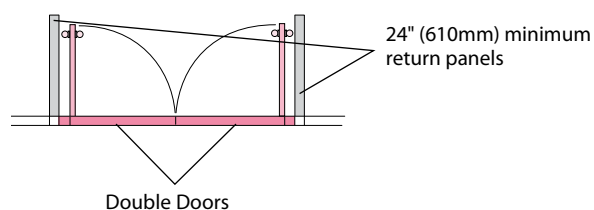
When a panel run with door is supporting a worksurface and/or other panel hung components, specify a worksurface-depth return panel or a worksurface end panel, or a fixed pedestal at the end of the worksurface. The return panel can be attached to the panel run conventionally or with a T-Mount kit.



A pair of single doors can also be set back from the panel run. This configuration requires the installation of a 24" (610mm) return panel between the doors.



Double doors must have a 24" (610mm) return panel attached at 90° on each side.



Most building codes for new buildings require a minimum clearance door width of 32" (814mm). To meet this requirement, the 42" (1067mm)-wide door must be ordered. Consult local building code for clearance height requirements.

Notes

- Panel runs with doors and glazed panels cannot exceed 10' (3048mm).
- Installation of 42" (1067mm)- to 60" (1524mm)-wide glazed surface panels next to doors is not recommended.

Support and Load Guidelines: Vertical Support

Guidelines for loading panel-hung components are based on the panel's height. Proper support and load guidelines must be followed when designing with panel-hung components. Components hang from the 1" (25mm) incremental slots in the panel's side trim rail, from the top cap to the base raceway cover.

UniGroup Too Component Mounting Space

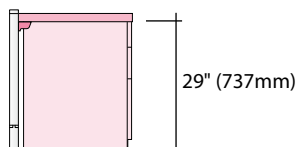
PANEL HEIGHTS	AVAILABLE MOUNTING SPACE
32" (813mm)	25" (635mm)
40" (1016mm)	35" (889mm)
48" (1219mm)	43" (1092mm)
56" (1422mm)	51" (1295mm)
64" (1626mm)	59" (1499mm)
72" (1829mm)	67" (1711mm)
80" (2032mm)	75" (1905mm)

UniGroup and PLACES Component Mounting Space

PANEL HEIGHTS	AVAILABLE MOUNTING SPACE
30" (762mm)	25" (635mm)
37" (940mm)	32" (813mm)
44" (1118mm)	39" (991mm)
50" (1270mm)	45" (1143mm)
56" (1422mm)	51" (1295mm)
64" (1626mm)	59" (1499mm)
68" (1727mm)	63" (1600mm)
82" (2083mm)	77" (1956mm)

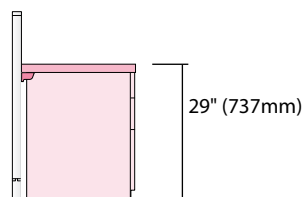
The illustrations below show some typical component configurations and their vertical space requirements. These illustrations are subject to the conditions of UniGroup Too, UniGroup, and PLACES horizontal support and load guidelines.

30" (762mm)-high and 32" (813mm)-high panel configurations can support:



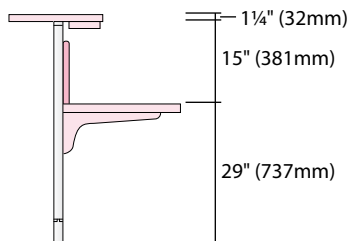
- One worksurface (supported by an attached pedestal, worksurface support panel, or side bracket)

37" (940mm) and 40" (1016mm)-high panel configurations can support:



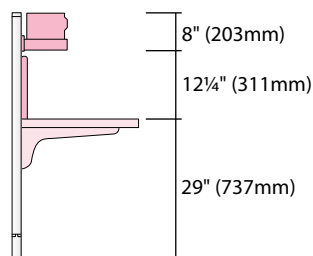
- One worksurface (supported by an attached pedestal, worksurface support panel, or side bracket)

44" (1118mm)-high panel configurations can support:



- One worksurface, 11"-high tackboard, countertop, and undercounter task light

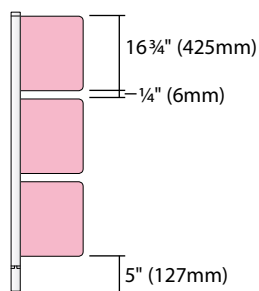
48" (1219mm) and 50" (1270mm)-high panel configurations can support:



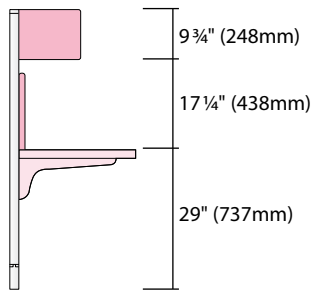
- One worksurface, 11"-high tackboard, paper management mounting rail, and diagonal units

Support and Load Guidelines: Vertical Support

56" (1422mm)-high panel configurations can support:

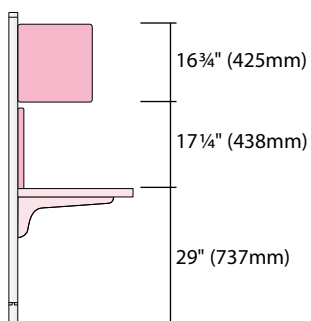


- Three shelves or

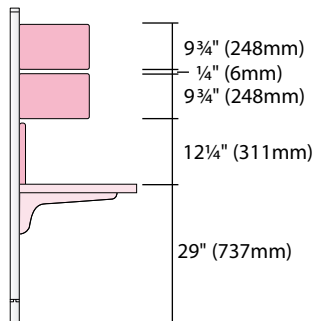


- One worksurface, 16"-high tackboard, and low shelf

64" (1626mm)-high panel configurations can support:



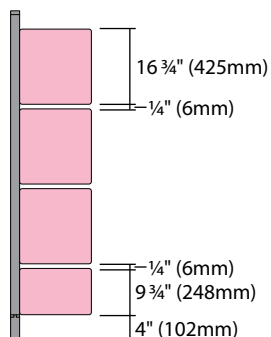
- One worksurface, 16"-high tackboard, and regular shelf or



- One worksurface and 11"-high tackboard, and two low shelves

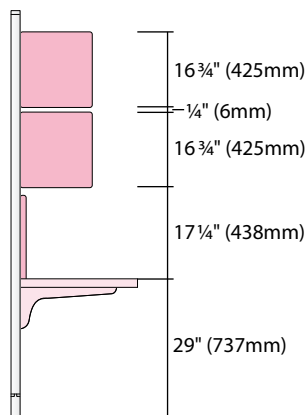
Support and Load Guidelines: Vertical Support

68" (1727mm) and 72" (1829mm)-high panel configurations can support:

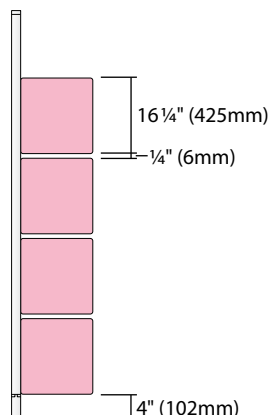


- One low shelf and three regular shelves

80" (2032mm) and 82" (2083mm)-high panel configurations can support:



One worksurface and 16"-high tackboard, and two low shelves or



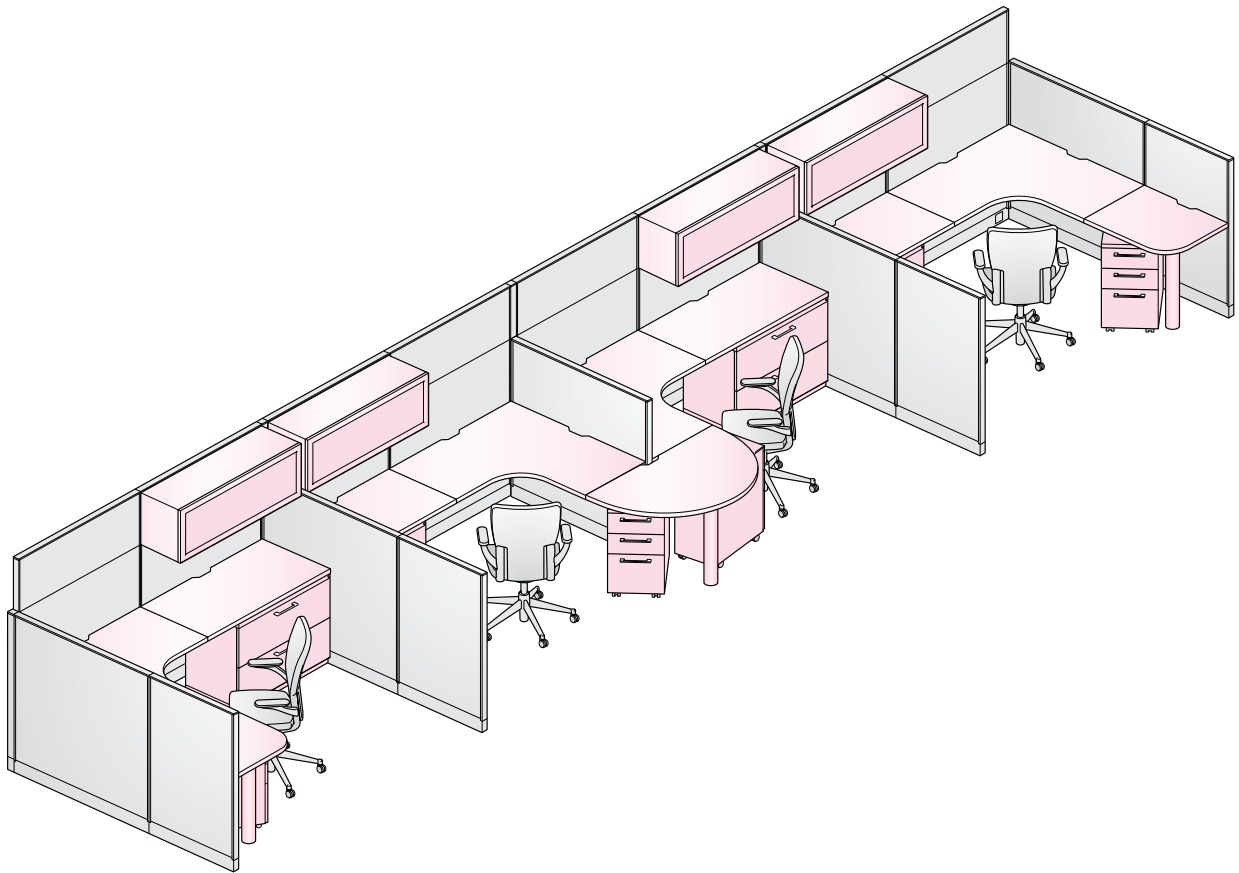
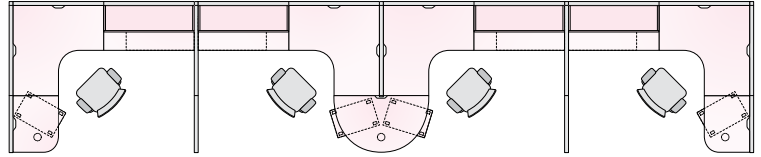
Four regular shelves





Idea Starters

Idea Starter: UniGroup Too

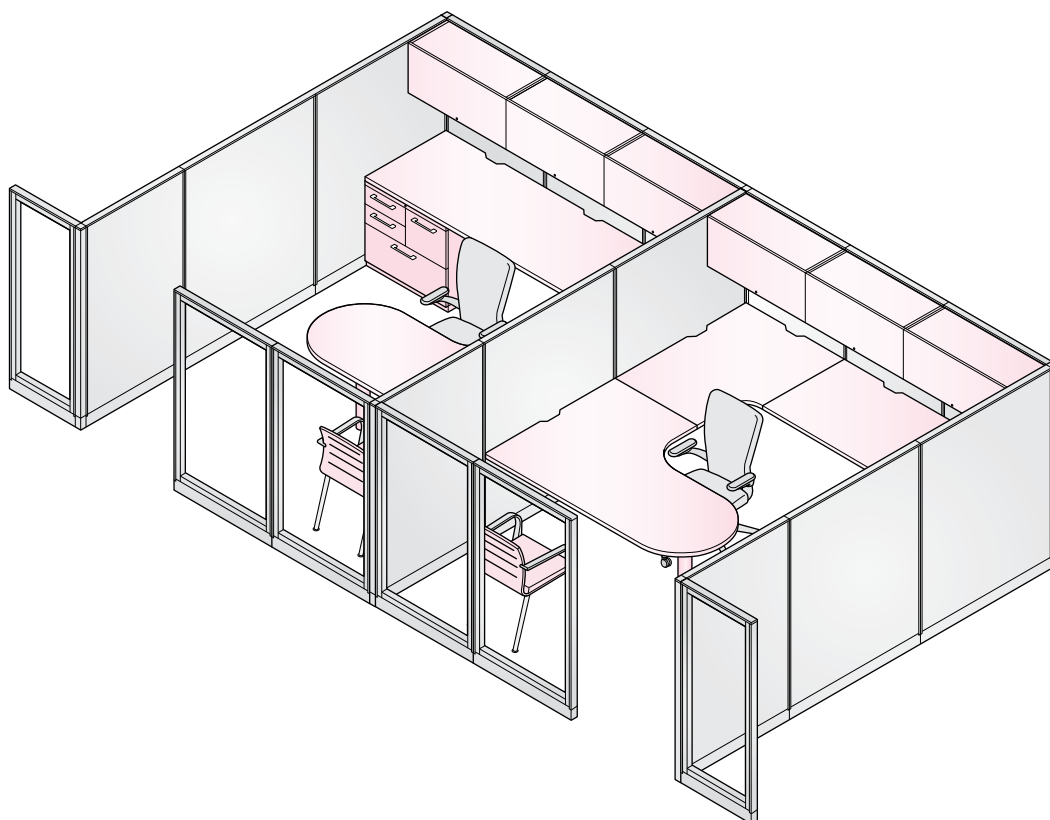
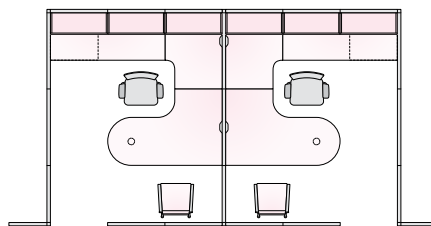


Idea Starter: UniGroup Too

UniGroup Too: Idea Starter 1

QTY	PRODUCT NUMBER	PRODUCT DESCRIPTION
8	E2BP-462-B	UniGroup Too Monolithic Panel Core Without Inserts, Square Painted Top Cap, 3-Circuit Power in Base Raceway, 48" W x 64" H, Square Painted Top Cap
4	E2MN-3046-B	UniGroup Too Monolithic Panel, Square Painted Top Cap, Fabric/Fabric, 30" W x 48" H
5	E2MN-446-B	UniGroup Too Monolithic Panel, Square Painted Top Cap, Fabric/Fabric, 48" W x 48" H
3	E2FS-16-N	UniGroup Too 180° Finish Post, 16" H, Fabric
2	E2PC-46-V	UniGroup Too 90° Finish Post, 48" H, Fabric
3	E2PS-62-V2I	UniGroup Too 180° Finish Post, 64" H, Fabric
16	E2JF-446	Single Base Insert for Monolithic Panel Core, 48" W x 48" H, Fabric
16	E2TF-416	Single Upper Insert for Monolithic Panel Core, 48" W x 16" H, Fabric
3	PCSS-3-B	Straight Span Power Connector
2	PRD-3-B	Power Receptacles, Duplex (Box of 6)
4	WUCR-4848-WKSAN44	90° Corner Wrap-Around Worksurface, 24" D x 48" W, Wood, Wood Edgeband, Standard Core, Notched Wireway
1	WUDC-5030-WKSA	Conference End Worksurface, 50" D x 30" W, Wood, Wood Edgeband, Standard Core, Notched Wireway
4	WURA-2448-WKSA	Rectangular Worksurface, 24" D x 48" W, Wood, Wood Edgeband, Standard Core, Notched Wireway
1	WURR-2430-WKSAL	Rectangular Radius End Worksurface, Left, 24" D x 30" W, Wood, Wood Edgeband, Standard Core, Notched Wireway
1	WURR-2430-WKSAR	Rectangular Radius End Worksurface, Right, 24" D x 30" W, Wood, Wood Edgeband, Standard Core, Notched Wireway
3	WUCC-0004	Support Column
3	ZEBA-0000-PL	Side Bracket, Left-Hand
3	ZEBA-0000-PR	Side Bracket, Right-Hand
6	ZEBD-1600-PP	Standard Cantilever, Pair
4	ZEBR-0000-PN	Rear-Corner Bracket
2	ZUBF-0000-PN	Flush Mount Plate
1	ZEBL-1600-PP	Standard Link Cantilever, Pair
4	JLPD-0236-S8A	X Series Lateral File, Linear Pulls, 2" H x 36" W, Painted Fronts, Linear Pull
4	JPMH-24-S8	X Series Mobile Pedestal (6/6/12), 23" D, Painted Fronts, Linear Pulls
4	UEFF-1648-QMN	Adaptable Standard Mount Overhead Storage, 48" W, Translucent Fronts, Non-Locking

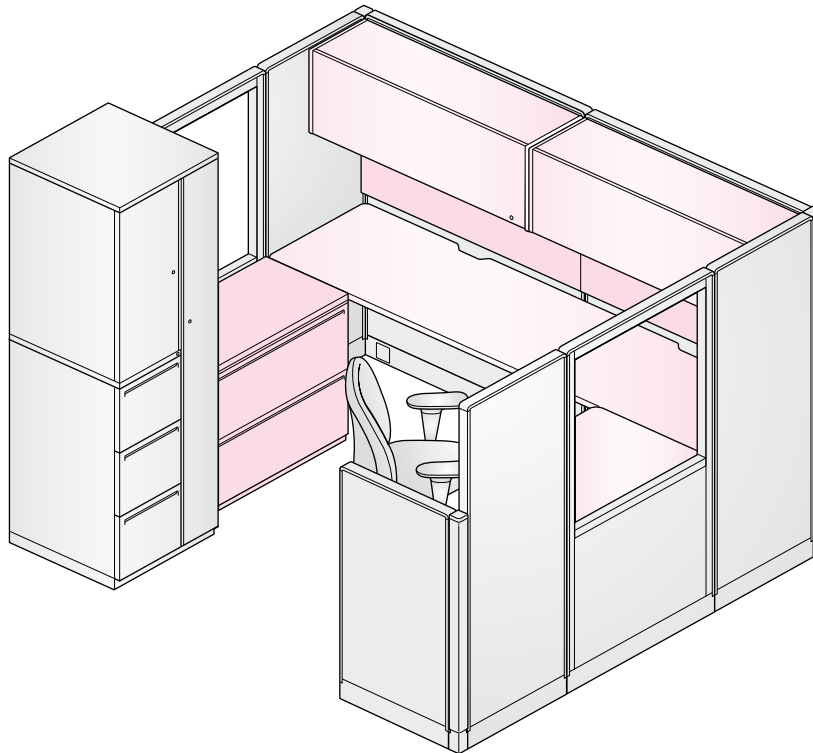
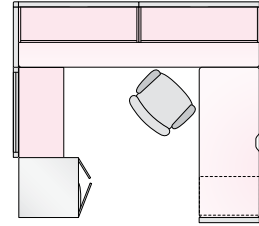
Idea Starter: UniGroup Too



Idea Starter: UniGroup Too

UniGroup Too: Idea Starter 2

QTY	PRODUCT NUMBER	PRODUCT DESCRIPTION
3	E2MN-362-B	UniGroup Too Monolithic Panel, Fabric/Fabric, 36" W x 64" H Square Painted Top Cap
6	E2MN-462-B	UniGroup Too Monolithic Panel, Fabric/Fabric, 48" W x 64" H, Square Painted Top Cap
6	E2MP-362-B	UniGroup Too Monolithic Panel, 36" W x 64" H, Square Painted Top Cap, Powered Base Raceway, 3-Circuit
2	E2GN-262-B	UniGroup Too Monolithic Glass Panel, 24" W x 64" H, Square Painted Top Cap
4	E2GN-362-B	UniGroup Too Monolithic Glass Panel, 36" W x 64" H, Square Painted Top Cap
4	E2PC-62	UniGroup Too 90° Finish Post, Painted, 64" H
2	E2PS-62	UniGroup 180° Finish Post, Painted, 64" H
1	PCSS-3-B	Straight Span Power Connector
1	WUCD-4872-WKSALS	D-Shaped Wrap-Around Convergent Worksurface, 30" D x 48" W X 72" L, Left-Hand, Wood, Wood Edgeband, Standard Core, Notched Wireway
1	WUCD-4872-WKSARS	D-Shaped Wrap-Around Convergent Worksurface, 30" D x 48" W X 72" L, Right-Hand, Wood, Wood Edgeband, Standard Core, Notched Wireway
1	WUCE-3648-WKSAL55	90° Corner Wrap-Around Extended Worksurface, 30" D x 36" W X 48" L, Left-Hand, Wood, Wood Edgeband, Standard Core, Notched Wireway
1	WUCE-3648-WKSARS55	90° Corner Wrap-Around Extended Worksurface, 30" D x 36" W X 48" L, Right-Hand, Wood, Wood Edgeband, Standard Core, Notched Wireway
2	WURA-3072-WKSA	Rectangular Worksurface, 30" D x 72" W, Wood, Wood Edgeband, Standard Core, Notched Wireway
2	WUCC-0004	Support Column
1	ZEBA-0000-PL	Side Bracket, Left-Hand
1	ZEBA-0000-PR	Side Bracket, Right-Hand
1	ZEBV-0000-PL	Convergent Mount Bracket, Left-Hand
1	ZEBV-0000-PR	Convergent Mount Bracket, Right-Hand
4	ZEBD-1600-PP	Standard Cantilever, Pair
2	ZEBR-0000-PN	Rear-Corner Bracket
1	JCPR-0230-W8A	X Series Combination Unit, Wood Fronts, 6/6/12/Lat, 2 h x 30" W
1	JCPT-0230-W8A	X Series Combination Unit, Wood Fronts, 12/6/6/Lat, 2 h x 30" W
6	UEFS-1636-WML	Adaptable Overhead Storage, 36" W, Wood Fronts
6	LUTS-0030-16UEP	Adaptable Electronic Ballast Task Light, 30" W, 6' cord, Prismatic Lens
1	WC-17	Vertical Wire Manager (Box of 10)
1	PRD-3-B	Power Receptacles, Duplex (Box of 6)
2	LSET-6	Keyed-Alike Lock Plugs and Keys, Chrome (Bag of 6)
2	X721-2Y40 X99	Task Chair, Leather/Leather, 3-D Arms, Pneumatic Height Adjustment, Hard Casters
2	4851-0012-W	Hello, Guest Seating, Fixed Arms, Wood Legs, Slat Back

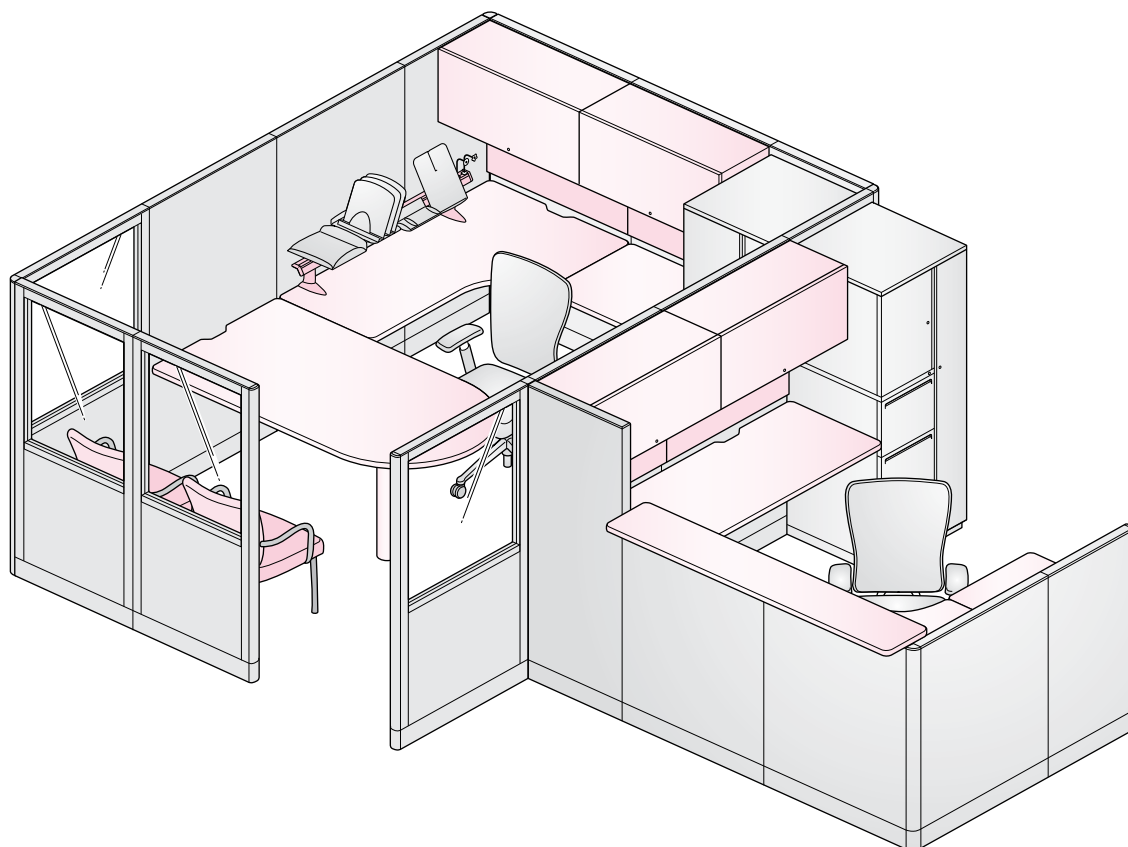
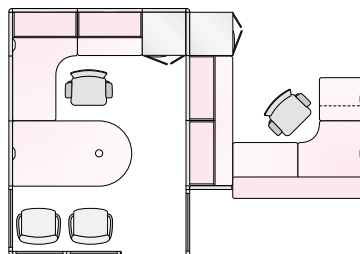


Idea Starter: UniGroup

UniGroup: Idea Starter

QTY	PRODUCT NUMBER	PRODUCT DESCRIPTION
1	EMN-242-B	UniGroup Basic Monolithic Panel, Fabric/Fabric, 24" W x 44" H, Radius Steel Top Cap
3	EMN-262-B	UniGroup Basic Monolithic Panel, Fabric/Fabric, 24" W x 64" H, Radius Steel Top Cap
2	EMP-462-B	UniGroup Basic Monolithic Panel, Fabric/Fabric, 48" W x 64" H, Powered Base Raceway, 3-Circuit, Radius Steel Top Cap
2	EGN-362-B	UniGroup Monolithic Glazed Panel, 36" W x 64" H, Radius Steel Top Cap
2	WK-329	Wainscot Kit for Monolithic Glazed Panel, 36" W
1	FPFC-42-B	UniGroup 90° Finish Post, 44" H, Fabric, Radius Steel Top Cap
2	FPFC-62-B	UniGroup 90° Finish Post, 64" H, Fabric, Radius Steel Top Cap
1	WURA-2460-LTSA	Rectangular Worksurface, 24" D x 60" W, Laminate, T-Mold, Standard Core, Notched Wireway
1	WURA-2496-LTSA	Rectangular Worksurface, 24" D x 96" W, Laminate, T-Mold, Standard Core, Notched Wireway
2	ZEBD-1600-PP	Standard Cantilever, Pair
2	ZEBA-0000-PL	Side Bracket, Left-Hand
2	ZEBA-0000-PR	Side Bracket, Right-Hand
1	CFTR-1836-LT	Credenza Top, Radius Edge, 36" W
1	LHRS-236-LD0F	950 Series Credenza Lateral File, Radius Case, Front-To-Back Hanging Bars, 36" W
1	CW-36	950 Series Counterweight, 36" W
1	PDX-24-HLN	950 Series Attached Pedestal, 6/6/12
1	LTHR-6242-MF	950 Series Personal Storage Tower, Right Valet, 12/12/12, Locking, 72½" H x 23" D x 24" W
2	FDRV-4	UniGroup Flipper Door, Laminate, 48" W, Locking
2	SR-4	UniGroup Regular Shelf, 48" W
2	LUTS-0042-16UEP	Adaptable Electronic Ballast Task Light, 42" W, 6' Cord, Prismatic Lens
2	HTB-4816	Tackboard, 48" W x 16" H
1	LSET-6	Keyed-Alike Lock Plugs and Keys, Chrome (Bag of 6)
1	PRD-3-B	Power Recptacles, Duplex (Box of 6)
1	Z841-1741	Look Mid-Back Chair, Forward Tilt, Height Adjustable Arms, Back Lock, Hard Caster

Idea Starter: PLACES



Idea Starter: PLACES

PLACES: Idea Starter

QTY	PRODUCT NUMBER	PRODUCT DESCRIPTION
1	HMN-2464	PLACES Basic Monolithic Panel, Fabric/Fabric, 24" W x 64" H, Low Profile Steel Top Cap
1	HMN-3644	PLACES Basic Monolithic Panel, Fabric/Fabric, 36" W x 44" H, Low Profile Steel Top Cap
2	HMN-3664	PLACES Basic Monolithic Panel, Fabric/Fabric, 36" W x 64" H, Low Profile Steel Top Cap
1	HMN-2444	PLACES Basic Monolithic Panel, Fabric/Fabric, 24" W x 44" H, Low Profile Steel Top Cap
3	HMP-2464	PLACES Basic Monolithic Panel, Fabric/Fabric, 24" W x 64" H, Powered Base-Raceway, 3-Circuit Power, Low Profile Steel Top Cap
2	HMP-3644	PLACES Basic Monolithic Panel, Fabric/Fabric, 36" W x 44" H, Powered Base-Raceway, 3-Circuit Power, Low Profile Top Cap
4	HMP-3664	PLACES Basic Monolithic Panel, Fabric/Fabric, 36" W x 64" H, Powered Base-Raceway, 3-Circuit Power, Low Profile Steel Top Cap
2	HGN-3064	PLACES Monolithic Glazed Panel, 30" W x 64" H, Low Profile Top Cap
2	HGN-3664	PLACES Monolithic Glazed Panel, 36" W x 64" H, Low Profile Top Cap
1	HFPC-0044	PLACES 90° Finish Post, Fabric, 44" H, Low Profile Steel Top Cap
3	HFPC-0064	PLACES 90° Finish Post, Fabric, 64" H, Low Profile Steel Top Cap
1	HFPS-0064	PLACES 180° Finish Post, Fabric, 64" H, Low Profile Steel Top Cap
2	HPER-0064	PLACES End-of-Run Finish Post, Fabric, 64" H, Low Profile Steel Top Cap
1	HPER-0044	PLACES End-of-Run Finish Post, Fabric, 44" H, Low Profile Steel Top Cap
2	WK-3029	Wainscot Kit for Glazed Panel, 30" W x 29" H
2	WK-329	Wainscot Kit for Glazed Panel, 36" W x 29" H
1	WUCE-3660-LTSAL44	90° Wrap-Around Corner Extended Worksurface, 36" D x 60" W, Laminate, T-Mold, Standard Core, Notched Wireway
1	WUCR-3636-LTSAN44	90° Wrap-Around Corner Worksurface, 24" D x 36" W, Laminate, T-Mold, Standard Core, Notched Wireway
2	WURA-2436-LTSA	Rectangular Worksurface, 24" D x 36" W, Laminate, T-Mold, Standard Core, Notched Wireway
1	WURA-2424-LTSA	Rectangular Worksurface, 24" D x 24" W, Laminate, T-Mold, Standard Core, Notched Wireway
1	WURA-2472-LTSA	Rectangular Worksurface, 24" D x 72" W, Laminate, T-Mold, Standard Core, Notched Wireway
1	WURD-3666-LTSA	D-Shaped Convergent Worksurface, 36" D x 66" W, Laminate, T-Mold, Standard Core, Notched Wireway
1	WUTS-1272-LTSC	Countertop, 12" D x 72" W, Laminate
2	ZEBA-0000-PL	Side Bracket, Left-Hand
1	ZEBV-0000-PL	Convergent Mount Bracket, Left-Hand
7	ZEBD-1600-PP	Standard Cantilever, Pair
1	ZEBD-1600-PR	Standard Cantilever, Right-Hand
2	ZEBR-0000-PN	Rear-Corner Bracket
2	ZHBT-0000-PNE	Countertop Bracket for PLACES Low Profile Steel Top Cap
1	WUCC-0004	Support Column
2	LTHR-5242-MF	950 Series Personal Storage Tower, 12/12/12, Valet Right, 62" H x 24" W x 23" D
1	PDX-24-HLN	950 Series Attached Pedestal, 24" D
1	DPKS-36-F	Jump Stuff Mini Master Kit, Freestanding, 36" W, Pre-Packaged
4	HFDR-0036-P	PLACES Flipper Door, 36" W, Locking
4	HSR-0036	PLACES Regular Shelf, 36" W
4	LUTS-0030-16SUEP	Adaptable Electronic Ballast Task Light, 30" W, 6' Cord, Prismatic Lens
1	WC-17	Vertical Wire Manager (Box of 10)
4	HTB-3616	Tackboard, 36" W x 16" H
1	HTB-3605	Tackstrip, 36" W x 5" H
1	PRD-3-B	Power Receptacles, Duplex (Box of 6)
2	LSET-6	Keyed-Alike Lock Plugs and Keys, Chrome (Bag of 6)
2	SZT-22-724MA1	Zody, Task Chair, Fabric/Fabric, 4-D Arms, Back Lock/Forward Tilt
2	Z600-2110	Look Side Chair, Polypropylene Back/Fabric Seat, Arms, Glides





Technical Specifications

Technical Specifications

Performance Ratings

- All panel types and panel mounted components meet or exceed the test requirements in ANSI/BIFMA X5.6-Panel System Tests for Office Furnishings.
- All panel types and electrical components are UL-1286 Standard for Safety for Office Furnishings listed and CUL (UL mark for Canada) certified.
- Fabric panels and panels with fabric inserts have a Class A fire rating based on testing assembled panels to ASTM E84 Surface Burning Characteristics for Building Materials or equivalent standard (UL-723).

The rating for Noise Reduction Coefficient (NRC) criteria are based on tests performed to ASTM C423 and E795. The rating for Sound Transmission Class (STC) are based on tests performed to ASTM E90 and E413. Acoustical ratings are based on testing complete panel assemblies including raceway covers.

- Fabric monolithic panels have an acoustical rating of 0.65 NRC and 20 STC (UniGroup and PLACES).
- Fabric basic monolithic surface panels have an acoustical rating of 0.50 NRC and 20 STC (UniGroup Too, UniGroup and PLACES).
- Panels with a fabric insert have an acoustical rating of .50 NRC and 22 STC (UniGroup Too).
- High-performance acoustical panels have an acoustical rating of 0.80 NRC and 27-STC (PLACES).

Panel Assemblies

All panel assemblies and doors are shipped complete with side trim rails, connector hinges, leveling glides, carpet grippers, top cap, and base raceway cover(s). Some panel types provide options for specification without trim rails and base raceway covers to allow separate specification of pre-hinged rails, or other raceway covers. All panels, doors and add-on units have an overall thickness of 2" (50.8mm). All panels specified as powered include a pre-wired electrical distribution system and flexible power connector. Powered panels feature an electrical distribution system that has either an eight-wire with three 20-amp rated circuits, or 14-wire with six 20-amp rated circuits. They can be specified as factory installed in the base pathway and include a raceway cover with four receptacle cutouts. Panels specified as non-powered include a base raceway cover that has no receptacle cutouts. Panels are easily converted in the field from powered to non-powered by removing the electrical distribution system. UniGroup Too top caps are extruded aluminum and UniGroup and PLACES are made of 0.033" (.84mm) roll-formed steel. All top caps have a powdercoat finish. The wood top caps are extruded aluminum wrapped with wood veneer. The base raceway cover is made of 0.050" (1.3mm) thick rigid plastic. All panels and doors are designed for non-progressive installation which allows installers to remove and replace installed panels and doors within a panel run without disassembling the entire panel run. The polypropylene panel connector hinges shipped with each panel serve as continuous vertical barriers between panels to block the passage of sound and light and allow panels to be configured in straight (in-line), 90° two-, three-, and four-way conditions, and 120° two- and three-way conditions. The hinges are color-matched to the powdercoated trim finish and connect panels of the same or unequal heights.

Panel Core

Panel cores are monocoque construction with four (4) U-shaped, galvanized, 20-gauge cold rolled steel frame members surrounding a fully expanded, multi-celled Kraft paper honeycomb core. Two perforated 0.015" (0.38mm) thick steel epoxy-coated skins are bonded to the rails and honeycomb with adhesive. The vertical panel frame members include stamped openings for extruded aluminum side rails that lock in place when fully seated. The side rails have deep-set reveals that are slotted in 1"(25mm) increments for mounting separately specified panel-hung components. Each side rail has a powdercoated finish and two (2) full length channels which accept panel connector hinges. Two cold-headed, stamped steel glide housings with a powdercoated finish are provided in the base of each side frame rail. The glides are constructed of a cold-formed steel, 0.375" (9.5mm) diameter threaded rod and an insert-molded, impact-resistant nylon glide foot on the bottom of a 0.438" (11.1mm) shaft. The base of the glide foot features a friction-fit, molded plastic carpet gripper. The glides give panels a 1.5" (38mm) range of vertical adjustment. Glide housings have integrated alignment tabs for maintaining alignment of panel heights. Each panel is finished on the top by a 20-gauge roll-formed steel (UniGroup and PLACES) or aluminum (UniGroup Too) top cap with a powdercoated finish. For PLACES, the top cap conceals a frame-integrated, 1.6" (50.8mm) deep pathway for routing communications cables. Wood top caps (UniGroup and PLACES) have a substrate constructed of aluminum (PLACES) and poplar (UniGroup) and surfaced with 0.016" (0.406mm) wood veneer on a 0.005" (0.127mm) paper backer. Top caps are connected to the top frame member by plastic or metal clips. Beneath the bottom frame member, a steel raceway cover retention rail is factory-installed by quarter-turn threaded fasteners to hold a 4" (102mm)-high, extruded base raceway cover that friction-fits to the bottom of the panel. The base raceway cover of the panel conceals a 4" (171mm) high pathway.

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Panel with Inserts (Available for UniGroup Too)

Panel core with fabric or markerboard inserts are held in place by the side trim rails, and optional horizontal rail. Inserts are available in full height, or a segmented combination of base panel heights, and 8" and 16" heights. Insert is $\frac{3}{16}$ " thick compressed fiber pad with fabric adhered to the face, or $\frac{1}{8}$ " thick wood composite board with white laminate markerboard material adhered to the face and back. Markerboard inserts include a horizontal rail with an integrated tray that protects the insert below the markerboard from dry-erase ink and provides a place for setting markers and eraser. Inserts provide an overall panel thickness of 2" (76.2mm).

Fabric Monolithic Panel (Available for UniGroup and PLACES)

Panel core with 0.5" (12.7mm)-thick fiber pad are held in place on both faces of the panel by a fire rated fabric covering that is secured by a pressure-fit retention spline seated in four (4) 25-gauge, roll-formed steel retention rails that surround the perimeter of the panel face. The fabric surfaces can be removed and replaced in the field on an uninstalled panel.

Fabric Basic Monolithic Surface Panels (Available for UniGroup Too, UniGroup and PLACES)

Panel core with $\frac{1}{4}$ " (6.4mm)-thick fiber pad held in place on both faces of the panel by a fire rated fabric covering that is secured by a pressure-fit retention spline seated in four (4) 25-gauge, roll-formed steel retention rails that surround the perimeter of the panel face. The fabric surfaces can be removed and replaced in the field on an uninstalled panel.

High-performance Acoustical Panels (Available for PLACES)

Panel core with 0.80" (20.3mm) thick fiber pad held in place on both faces of the panel by a fire rated fabric covering that is secured by a pressure-fit retention spline seated in four (4) 25-gauge, roll-formed steel retention rails that surround the perimeter of the panel face. The fabric surfaces can be removed and replaced in the field on an uninstalled panel.

Ported Panels (Available for PLACES)

Ported panels incorporate the features of the fabric panel core and provides up to four (4) metal ports for worksurface-level access to power and communication cables without interfering with access sites in the powered base raceway. Steel port cover plates hold separately specified electrical receptacle and/or telecommunication information plates and standard outlets.

Glazed Monolithic Panel (Available for UniGroup Too, UniGroup and PLACES)

The panel frame is constructed with four extruded aluminum rails, machined and connected by threaded fasteners. A removable top cap conceals a frame-integrated 1.4" (35.6mm) deep top pathway for routing communications cables. The base raceway cover conceals a 4" (102mm) high pathway. Glazing material is held in place by an extruded plastic gasket. Glazing material is available in $\frac{1}{4}$ " (6.4mm) thick clear and bronze tempered glass, or frosted acrylic. Vertical panel frame members have a stamped steel track with formed openings to mechanically accept extruded aluminum side rails that lock in place when fully seated. Side rails, connector hinges, glide housings, leveling glides, top caps, raceway covers, and base power options are the same as offered on fabric-monolithic panels.

Open-Frame Panels (Available UniGroup and PLACES)

Open-frame panels are the same construction as the glazed panel, except the glazing material is removed.

Laminate Surface Panels (Available for UniGroup and UniGroup Too)

Laminate surface panels have the same core construction and features of the fabric-surface panels, except they have a wood composite core with 0.030" thick laminate surface bonded to the faces of the panel.

Add-On Panels

Add-on panels with glazed surfaces are the same construction as the glazed panel. Add-on panels with open frame surfaces are the same construction as glass panel except the glass is removed. Add-on panels with fabric surfaces are the same construction as the fabric monolithic panel. Steel bayonets provide structural attachment to a base panel or add-on panel.

Technical Specifications

Doors

The door frame is constructed of three extruded aluminum rails machined and connected by threaded fasteners. The jambs are connected at the base by a steel threshold. Vertical panel frame members have a stamped steel track with formed openings to mechanically accept extruded aluminum side rails that lock in place when fully seated. Door assembly includes threshold, hinges, brushed chrome knobs or ADA lever, lock-and-key set, and integrated strike plate. A removable top cap conceals a frame-integrated 1.4" (35.6mm) deep top pathway for routing communications cables. The frame is finished at the base by a steel threshold. Side trim rails, connector hinges, glide housings, leveling glides, and top caps, are the same as those on fabric monolithic panels. Laminate and wood doors are orderable with left-hand door swing and can be field modified to change the orientation. Glazed doors are available with left or right-hand door swing. Doors with a high-pressure plastic laminate surface are 1.46" (37mm) thick with stiles of wood composite with a styrene core. Glazed doors have a laminate surface on solid kiln-dried poplar stile frame. The glazed pane is 0.125" (3.2mm)-thick tempered safety glass or acrylic. Doors with a wood surface have wood veneer faces on solid kiln-dried poplar stiles with a styrene core.

T-Mount Kits

T-Mount Kits are made from extruded aluminum. They connect to the supporting panel with threaded fasteners and steel brackets and do not damage the panel surface when installed. The kit includes one (1) modified glide housing. Brackets allow left-hand or right-hand side trim rail mounting, or mounting to the center of a supporting panel. With field modification to the supporting panel, the bracket may also attach anywhere along the panel face, except within 6" (152mm) of either side trim rail.

Wall-Mount Kits

Extruded aluminum wall-mount kits with threaded fasteners are available in all panel heights. The kit allows attachment of the end of a panel or door directly to a structural wall. They include polypropylene panel connector hinges color-matched to the powdercoated trim finish.

Muntin Kits

Muntin kits are available to subdivide the glazed panel giving the appearance of smaller panes. Muntins are constructed of extruded aluminum and have a powdercoated finish. Muntins are removable to allow easy maintenance of the glazing material of the panel.

Wainscot Kit

Wainscot kits are fabric covered mineral board substrate that attach to the bottom of glazed panels. The wainscot top rail is made of formed steel with a powdercoat finish.

Finish Posts and Power Connector Covers

Finish posts are available in fabric, painted, or wood veneer surface options and are constructed of plastic or aluminum with a molded ABS top cap color-matched to the panel trim. For UniGroup Too, the top caps are die cast metal and powdercoated. Trim pieces, such as plastic, metal or wood top caps, plastic raceway covers and top cap/vertical trim alignment devices are included where applicable. Molded ABS 90°, 120°, and 180° power connector covers that protect power connections between panels when finish posts are not installed, are available in raceway cover trim colors. Either a finish post or a power connector cover must be used on powered panels to comply with UL listing.

Electrical Distribution System

The electrical distribution system is included with powered panels. The panels can be specified with eight (8) wire, 3-Circuit or fourteen (14) wire, 6-Circuit systems that are UL-1286 Standard for Safety for Office Furnishings listed and CUL (UL mark for Canada) certified. The electrical system has the ability to contain four (4) duplex receptacles per panel base raceway, two (2) per side. The eight (8) wire system has a 3 hot/3 neutral/1 common ground/1 isolated ground wiring configuration with each circuit rated at 20 amps. The fourteen (14) wire system has a 6 hot/6 neutral/1 common ground/1 isolated ground wiring configuration with each circuit rated at 20 amps. Both wiring configurations provide multiple isolation and dedication of circuits. Receptacles provide two outlets and are available with common or isolated ground. Receptacles feature easy field circuit programmability to all three circuits. The 4" (102mm) high x 2" (51mm) deep panel base pathway contains the power system and will accommodate communication cables. Ported panels are available for accessing power and communications at beltline height. The system offers an electrical retrofit kit that is installed at the panel base without removal of the panel from the run. The system is an integral part of the panel, whether the electrical components are factory

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or field installed. Electrical power enters the panel at each end, top or bottom, or either side of the electrical base raceway at pre-punched locations by specifying top or base feed kits. Powered base raceway retrofit kits convert non-powered panels to powered panels. The retrofit kit includes a powered base raceway, a flexible power connector, and a raceway cover. A non-powered retrofit kit, consisting of a base raceway cover and non-powered raceway assembly, is available to convert powered panels to non-powered panels. An over-molded, flexible PVC-enclosed eight-conductor flexible power connector with safety latches is included with each powered panel. A separately specified over-molded, flexible plastic-enclosed eight-conductor straight-span power connector with safety latches is available for spanning power across three- and four-way non-powered panel junctions to continue power in an electrified panel run. For 6-Circuit applications, two of these flex connectors are required.

Building-to-Panel Power Feeds

Power feeds from the building distribution source do not require a specialized systems panel. A minimum panel width of 30" (770mm) is required for 6-circuit. Hardwire electrical connection from a floor, wall, column, or ceiling power source to the base raceway is provided through Power Base 3-Circuit or 6-Circuit electrical in-feeds. The conductors are enclosed by one of the following module types:

Base Feed Modules

Two primary types of base feed modules are available for the 3-Circuit and 6-Circuit power distribution systems:

- Flexible Conduit – A length of 4' (1219mm) 1/2" (13mm)-diameter for 3-Circuit, or 6' (1829mm) 1" (26mm) diameter, for 6-Circuit, liquid-tight flexible metallic conduit terminating in a dual-head power connector with mounting hardware.
- Concealed Hard Wire Junction Box – Eight (8) wire leads for 3-Circuit, fourteen (14) wire leads for 6-Circuit, terminating in a base raceway metal junction box that is assembled in a base raceway and concealed by the base raceway cover (complies with New York City code).

Base Feed Modules Available for Three-Circuit Only

- Cord and Plug – Single circuit plug-in style is available with three (3) 12-gauge wire conductors, which consist of one (1) hot wire, one (1) neutral wire, and one (1) ground wire in a 2' (610mm)-long cord with a 20-amp, NEMA-5-20P three-prong plug for a 20-amp, 125-volt building receptacle for use in USA. (15-amp plug style is available for use in Canada).

Top Feed Module

- Top feed pole for 3-Circuit provides one compartment for the wiring harness and one compartment for communication cabling, one junction box, and one wiring harness.
- Top feed pole for 6-Circuit provides one compartment, one junction box, and two wiring harnesses.
- Top feed modules enter through either end of top caps on fabric or laminate surface panels, 18" (457mm)-through 60" (1524mm)-wide for 3-Circuit; 30" (762mm)-through 60" (1524mm)-wide for 6-Circuit.
- Connection is internal and will not interfere with receptacle access sites in the base raceway.

Power Access

All powered panels accept separately-specified 15-amp or 20-amp, 120-volt rated power receptacles constructed of high-impact plastic. The receptacles feature copper alloy terminals and install in the base raceway. Receptacles are available in the following types: 15 amp Duplex Common Ground, 15 amp Duplex Isolated Ground, 20 amp Simplex Common Ground, and 20 amp Simplex Isolated Ground. 15 amp Duplex receptacles include a snap-off communication access door. Two safety latches offer tool-free, snap-fit installation. Each receptacle features a field-programmable circuit selector with an indicator window for field circuit selection. Receptacles are designed to work with 3-Circuit and 6-Circuit Power Base.

Communications Cable Routing

Panels offer the following areas for routing communications cables:

- Panel vertical pathways provide a channel for routing cables from the top pathway to the base pathway, or to port openings on the panel face when specified.
- A 4" (102mm)-high raceway provides a channel for routing cables along the base.
- Panel top pathways on PLACES panels are 1.6" (40.6 mm)-deep to provide a channel for routing cables along the top. PLACES Glazed panels and doors have a 1.4" (35.6mm)-deep pathway for routing cables. A separately specified Extended Top Cap is available for UniGroup panels that provides a 2" high channel for routing communication cabling.

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Communications Cable Access

Routed cables are accessed from either side of the panel base pathway. All panels, except 12" (305mm) wide panels, provide access to communications cables at up to six (6) sites in the base raceway cover (two sites on each side and one site at each end). Cable access may be increased by up to four (4) additional sites with separately specified ported raceway covers. A ported panel supports up to ten (10) cable access sites.

Cable Management Accessories

Aluminum poles are available for routing communication cabling from the space above the ceiling into the top or base of the panel. The cables are routed through the poles to either the top pathway (PLACES only) or to the base pathway in two-way, three-way, or end-of-run panel configurations. Panel-attached wire management channels are available for routing power cords and cabling from the underside of a shelf (or from a worksurface support bracket) to the panel base raceway.

Shelf Mounted Task Light

Task lights have an Energy Star® rated electronic ballast. They have a T8 3500K Tri-Phosphor Octic lamp with low mercury content and are rated for a 20,000 hour life. Lamp wattage is 13W for 24" (762mm) wide lights, 17W for 36" (914mm) wide lights, 25W for 42" (1067mm) wide lights and 32W for 54" (1372mm) wide lights. A six foot long, black, cord with three conductor plug is factory installed on right side and may be field-installed on left side of 42" (1067mm) and 54" (1372mm) units. An optional 9' cord is available. The Chicago version has a plug with an integral 3-amp re-settable circuit breaker. Lights are standard with an acrylic lens featuring a pyramid shaped prism pattern that reduces reflected glare. An optional batwing lens consisting of a series of prisms that distributes light patterns to the left and right of the observer and further reduces reflective glare is available. Lights 42" (1067mm) wide and 54" (1372mm) wide can be specified for daisy chain applications allowing up to 5 lights to be powered by a single cord with plug. Lights are listed by Underwriters Laboratory for use in the United States and certified by UL to Canadian Standards. Task lights include mounting brackets for attaching under shelves and screws for attaching under countertops. The lights are fully or partially concealed behind the reveal of the shelf, depending on shelf type.

Panel-Mounted Worksurfaces

Panel mounted worksurfaces are 1³/₁₆" (30.2mm) thick and are made with a wood composite core available in two core types:

- Standard Core – Engineered composite panel made with 100% recycled and/or recovered wood fiber bonded with resin. Worksurfaces with this core are compliant with GREENGUARD™ and ANSI/BIFMA Standards for Low Emitting Products.
- Green Core – Engineered composite panel made with 100% recycled wood fiber or 100% post-consumer recycled wood waste bonded with no-added urea formaldehyde resin. Worksurfaces with this core are compliant with GREENGUARD™ and ANSI/BIFMA Standards for Low Emitting Products.

Laminate worksurfaces are balanced construction with high-pressure laminate on the top, a laminate backer on the bottom and are available with the following plastic edges:

- 0.118" (3mm) radius t-mold edge
- 0.118" (3mm) radius edgeband on the user edge capped with a 0.039" (1mm) thick edgeband on the remaining edge(s)
- 0.625" (16mm) thick with 1.22" (31mm) radius edge with a reverse chamfer at the bottom for the user edges capped with a 0.039" (1mm) edgeband on the remaining edge(s).

Wood veneer worksurfaces are balanced construction with wood veneer on the top, a balancing backer on the bottom and are available with the following wood edges:

- 0.118" (3mm) radius edgeband on the user edge capped with a 0.028" (0.7mm) thick edgeband on the remaining edge(s).
- 0.625" (16mm) thick with 1.22" (31mm) radius edge with a reverse chamfer at the bottom for the user edges capped with a 0.028" (0.7mm) edgeband on the remaining edge(s).

Worksurfaces are predrilled to accept installation of most common support methods. Worksurfaces can be specified with a radius wire way, notched wire way, or no wire way. Worksurfaces are available in several configurations including the following: rectangular; rectangular key, swell, inverse swell, transition, wedge, radius end and split top; corner 90° straight front, wrap around, notched, angled, transitionals and extendeds; corner 120° wrap around; 120° link; D-shaped convergent and wrap around; rectangular convergent; D-shaped ender; countertop; radius and key conference ends.

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Split-Top Worksurface

The front surface can support an extended computer keyboard, mouse pad, and document holder. The non-adjusting rear worksurface is cantilever-supported and attached to the panel side rails at 1"(25mm) increments. The front worksurface is attached to the underside of the rear worksurface by a spring-assisted adjustment arm. The front surface is user adjustable by lifting the front edge to unlock the self-locking mechanism and adjusts 7" (178mm) above and 5.75" (146mm) below the rear worksurface. This surface also features a tilt range of -15° to +9°.

Worksurface Support Methods

Worksurfaces may be supported by cantilevers, side brackets, fixed pedestals, lateral files, worksurface support panels, legs, posts and columns. A worksurface mounts to a single panel of equal width, or to a panel run of an equivalent width. Convergent worksurface styles use a variety of installation and support methods including attachment to a panel, or flush-mounting to a regular worksurface. Fixed- and adjustable height support legs are available in single or dual styles. An optional modesty panel is available for convergent worksurfaces with dual support legs.

Worksurface Support Brackets

Cantilever brackets are constructed of 12-gauge (0.105", 2.7mm) steel. Left- and right-hand corner brackets are constructed of 14-gauge (0.075", 1.90mm) steel; flush-mount plates are constructed of 11-gauge (0.120", 3.05mm) steel. The brackets and plate have a black powdercoat finish. A cast aluminum cantilever support can also be specified that allows easy installation of the surface for reconfiguration. The support has a 14-gauge steel bracket with hooks that attach to the panel side rails and a spring-loaded passive safety lock to prevent dislodgement from the side rail. This support is available with a textured powdercoat finish in each trim color.

Worksurface End Panel

Worksurface end panel is 1½" (38.1mm) thick and is constructed of a wood composite core frame with wood composite skin and laminate or wood veneer faces and 0.118" (3mm) radius, plastic or wood edge. It has steel brackets with hooks for attachment to the panel and leveling glides that provide 2.25" (57.2mm) adjustment range.

Straight Leg (Basic)

Straight leg is constructed of 2.25" (57.2mm) diameter x 16 gauge (0.065", 1.65mm) steel tube welded to a 6" (152.4mm) diameter x 10 gauge (0.135", 3.4mm) steel plate. A glass filled nylon insert is press fit into the leg and provides height adjustment of the leg from 25.75" to 29.75" (654mm to 756mm). Glide foot and caster foot are interchangeable.

Support Column

Column is constructed of 3" diameter (76mm) x 16 gauge (0.065", 1.65mm) steel tube, with a 6" (152mm) square x 10 gauge (0.135", 3.4mm) steel top plate. Column adjusts vertically to provide worksurface heights from 27" to 31.5" (686mm to 800mm).

Adjustable Height Disk Base

Base is constructed of 3" diameter (76mm) x 16 gauge (0.065", 1.65mm) steel tube, with a 6" (152mm) square x 10 gauge (0.135", 3.4mm) steel top plate welded to a threaded column that threads onto the base tube. This threaded mechanism adjusts vertically to provide worksurface heights of 27" to 32" (686mm to 813mm). At the bottom of the tube a 21" (533mm) diameter x 0.250" (6.4mm) thick steel plate is attached with a threaded rod and nut.

Table Tops

Table tops are 1¾" (30mm) thick and are made with a wood composite core. They are available with high pressure laminate and a balancing backer. Edges are finished with 0.118" (3mm) radius plastic edge t-mold. Table tops are predrilled to accept installation of the table base/leg intended to be used with the top.

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Adjustable Keyboard Pads

Adjustable Keyboard Pads mount to the underside of a worksurface. Models offer a range of common features including the following:

- Adjustable pad width from 17" (432mm) to 22" (559mm).
- Adjustable backstop for keyboards from 5¼" (134mm) to 9" (229mm) deep.
- 360° pivot and storage track to permit leg swing under worksurface.
- Keyboard pad models offer a range of height and tilt adjustment. Height adjustment ranges are available from 6" (153mm) to 8" (204mm) depending on the model.
- Tilting keyboard pads offer a minimum of 25° of tilt.
- Non-tilting keyboards have a fixed drop height of 3" (77mm) below the worksurface.
- A palm rest or mouse pad may be specified for some models.

Pencil Drawers

Pencil Drawers are available for attachment to worksurfaces. The four types available are constructed as follows:

- 1.5" high injection-molded ABS pencil drawer with storage compartments
- 2.5" high injection-molded ABS pencil drawer with storage compartments
- Lockable steel center drawer with molded plastic storage compartments
- Wood center drawer constructed with wood composite materials, and solid wood storage compartments.

Shelf and Overhead Storage Unit (Adaptable)

Shelf unit and overhead storage unit, shelf, and top are constructed of 18-gauge (0.048", 1.2mm) steel with 16-gauge (0.060", 1.5mm) steel end panels. Formed front edge of shelf conceals optional task light. Formed stop at top rear edge of shelf protects panels. Assembly is secured in place by an anti-dislodgment clip. Open shelf and overhead door models are available. Overhead storage unit door is available with a 5/8" (15.9mm) thick, 22-gauge (0.030", 0.76mm) steel door with powdercoat finish, a 11/16" (17.5mm) thick wood door with a wood composite core and wood veneer over the face and a balancing backer on the back and wood veneer edges, or a powdercoated extruded aluminum frame with an 1/8" thick translucent insert (white acrylic material or PETG material in various colors/patterns). The doors open and recede over the cabinet with steel ball bearing slides and hinges for maximum access to stored materials. Units are available with or without locks. All door types are available with optional slow close mechanism. Shelves mount on a panel of equivalent width or on a multiple-panel run of equivalent width.

Up-Mount Shelf and Up-Mount Overhead Storage Units (Adaptable)

Open shelf unit and Overhead storage unit, shelf is constructed of 18-gauge (0.048", 1.2mm) steel with 16-gauge (0.060", 1.5mm) steel end panels. The top of the overhead storage unit is constructed of 18-gauge (0.048", 1.2mm) steel and the back is constructed of 22-gauge (0.030", 0.76mm) steel. The ends of the open shelf are held in place by a 0.430" diameter steel rod that attaches to the top, back corner of the shelf ends. Formed front edge of shelf conceals optional task light. Unit attaches to panel with 14-gauge (0.075", 1.9mm) formed steel brackets that allow the unit to be above the top of the panel. Assembly is secured in place by an anti-dislodgment clip. Open shelf and overhead door models are available. Overhead storage unit door is available with a 5/8" (15.9mm) thick, 22-gauge (0.030", 0.76mm) steel door with powdercoat finish, or a 11/16" (17.5mm) thick wood door with a wood composite core and wood veneer over the face and a balancing backer on the back and wood veneer edges, or a powdercoated extruded aluminum frame with an 1/8" thick translucent insert (white acrylic material or PETG material in various colors/patterns). The doors open and recede over the cabinet with steel ball bearing slides and hinges for maximum access to stored materials. Units are available with or without locks. Overhead storage unit ships assembled with doors attached in the field. All door types are available with optional slow close mechanism. Shelves mount on a panel of equivalent width or on a multiple-panel run of equivalent width.

Wall Attached Overhead Storage Unit (Adaptable)

Overhead storage unit shelf and top are constructed of 18-gauge (0.048", 1.2mm) steel with 16-gauge (0.060", 1.5mm) steel end panels. The optional back is constructed of 22-gauge (0.030", 0.76mm) steel. Formed front edge of shelf conceals optional task light. A 16 gauge (0.065"/1.65mm) rectangular steel tube attaches to the end panels at the back of the unit and allows the unit to be attached to a structural wall with field supplied anchor/screws depending on wall type. Overhead storage unit door is available with a 5/8" (15.9mm) thick, 22-gauge (0.030", 0.76mm) steel door with powdercoat finish, or a 11/16" (17.5mm) thick wood door with a wood

Technical Specifications

composite core and wood veneer over the face and a balancing backer on the back and wood veneer edges, or a powdercoated extruded aluminum frame with an 1/8" thick translucent insert (white acrylic material or PETG material in various colors/patterns). The doors open and recede over the cabinet with steel ball bearing slides and hinges for maximum access to stored materials. Units are available with or without locks. Unit ships unassembled. All door types are available with optional slow close mechanism.

OneTouch Overhead Storage Unit

Overhead storage units, shelf, top, and back are constructed of 18-gauge (0.048", 1.2mm) roll formed steel with 16-gauge (0.060", 1.5mm) stamped steel end panels. Formed front edge of shelf conceals optional task light. 14-gauge (0.075", 1.9mm) stamped steel brackets are used to mount the unit to the panel or wall track. Each bracket is secured to the panel or wall track with an anti-dislodgment plug. The cabinet and shelf are secured to the bracket with a die-cast zinc twist lock. Overhead storage unit door is injection-molded ABS. Metal counterweights are inserted into the injection-molded ABS end panels of the door to allow opening and closing of the door with less than 5 pounds (2.26kg) of force. The overhead storage unit and shelf are off modular, which allows them to mount on panels of equal or narrower width up to 12" (304.8mm) per side. The door opens over the cabinet for maximum access to stored materials. The unit ships assembled. Shelves mount on a panel of equivalent width or on a multiple-panel run of equivalent width.

Shelves (UniGroup)

Shelves are available in two styles: low and regular. Shelf ends are constructed of 0.5" (12.7mm)-thick wood composite material with vinyl faces and vinyl edges and include 14-gauge steel, bayonet-style hooks to install in panel side rail slots. Shelf ends have an anti-dislodgement mechanism. Shelves have an 18-gauge painted steel shelf pan and accept separately specified, 20-gauge steel shelf dividers. Shelves mount on a panel of equivalent width or on a multiple-panel run of equivalent width. The steel shelf pan also allows for the installation of a separately specified task light.

Flipper Doors (UniGroup)

Regular shelves accept flipper door assemblies that convert regular height open shelves to enclosed, lockable storage units. The top of the flipper door unit is made of 18-gauge roll-formed, painted steel. Flipper doors are available with a fabric or laminate front surface, with laminate back, and vinyl edges. Doors feature ball-bearing suspension tracks that allow it to open and store on top of the assembled unit. The doors include rubber bumpers for quiet and safe operation. Interchangeable locks are standard, and keyed-alike and master-key program options are available.

Shelves (PLACES)

Shelves are available in two styles: low and regular. Shelf ends are constructed of 0.75" (19mm) wood composite material with radiused edges covered with a 12 mil vinyl thermo-formed to the outer face and edges and include 14-gauge steel, bayonet-style hooks to install in panel side rail slots. Shelf ends have a passive anti-dislodgement mechanism that automatically engages when installed. Shelves have an 18-gauge painted steel shelf pan and accept separately specified, 20-gauge steel shelf dividers. Shelves mount on a panel of equivalent width or on a multiple-panel run of equivalent width. The steel shelf pan also allows for the installation of a separately specified task light.

Flipper Doors (PLACES)

All regular shelves accept flipper door assemblies that convert open shelves to enclosed, lockable storage units. The top of the flipper door unit is made of 18-gauge roll-formed, painted steel. Flipper doors are available in two (2) styles: a 0.73" (18.54mm)-thick wood composite door with a vinyl (solid colors) or post-formed laminate surface (wood grains and patterns) and plastic edgebanding, or a fabric-front surface with wrapped edges and laminate back. Both styles incorporate full-width painted aluminum pulls. Doors feature ball-bearing suspension tracks that allow it to open and store on top of the assembled unit. The doors include rubber bumpers for quiet and safe operation. Interchangeable locks are standard, and keyed-alike and master-key program options are available.

Mini-Shelves

Mini-Shelves are made with 0.75" (19.05mm)-thick wood composite core with a melamine back and a 12 mil vinyl face thermo-formed to the substrate. The shelf mounting brackets are made with 0.075" (1.91mm)-thick, 14-gauge steel and are available with two aesthetic options.

Technical Specifications

Wall Track

Wall track is constructed of extruded aluminum and is slotted in 1" (25mm) increments to accept panel-hung components.

Tackboards

Tackboards are 0.875" (22mm) thick and are made from a tackable fiber board. Tackboards are surfaced in fabric and available from 5" (127mm) heights to 33" (838mm) high and up to 60" (1524mm) wide. They include 0.075" (1.91mm)-thick, 14-gauge steel hooks that attach to panel connectors or Wall Track. A wall mount option is also available that attaches to building walls with screws and formed steel bracket.

Markerboards

Markerboards feature a porcelain enamel or HPL writing surface and a powdercoated metal tray. They include 0.075" (1.91mm)-thick, 14-gauge steel hooks that attach to panel side rails or Wall Track. Markers and an eraser are included with each markerboard. A wall mount option is also available that attaches to building walls with screws and formed steel bracket.

Paper Management

Paper Management Units are available in diagonal, horizontal, and vertical configurations. Diagonal units may be field-modified for right-hand or left-hand use. Units are made of painted wire form frames with sheet steel trays to allow open view of contents. A mounting bar is available to install in connector slots and support Paper Management Units. No tools are needed for installation.

Information Display

Tackboards, Tack Strips, Markerboards and Wall Accessory Slat Pads with paper management devices are available to install in connector slots and provide information display space.