

ALPHA

Flexible Systems



Alpha

Flexible Laboratory Systems



Innovative Designs

Ultimate Flexibility for Laboratories



Kewaunee's Alpha family of products is designed to meet the needs of the modern laboratory where flexibility and adjustability are essential. Alpha uses fixed modules and carts to support Worksurfaces, casework, shelving, carts, and accessories. Components allow for customization of each workstation. The Alpha system integrates with horizontal and vertical services including plumbing, power, and data. The Alpha family offers a complete offering of interchangeable components.



Modular Workstations

- Self-supporting tables
- Double-sided or single-sided
- Adjustable height workstations
- Integrated shelving systems
- Pre-plumbed services



Mobile Carts

- Convenient and mobile
- Available in standard lengths
- Large diameter, heavy duty casters or glides available
- Accepts many standard components



Service Carriers

- Ceiling Panels
- Overhead Service Enclosures
- Overhead Service Manifolds

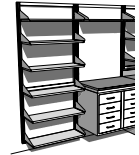
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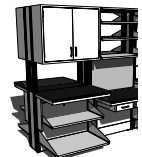
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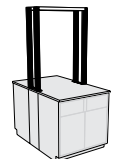
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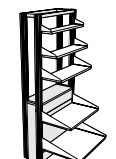
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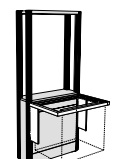
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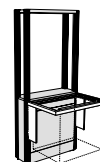
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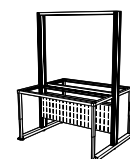
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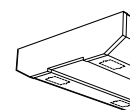
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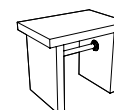
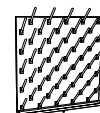
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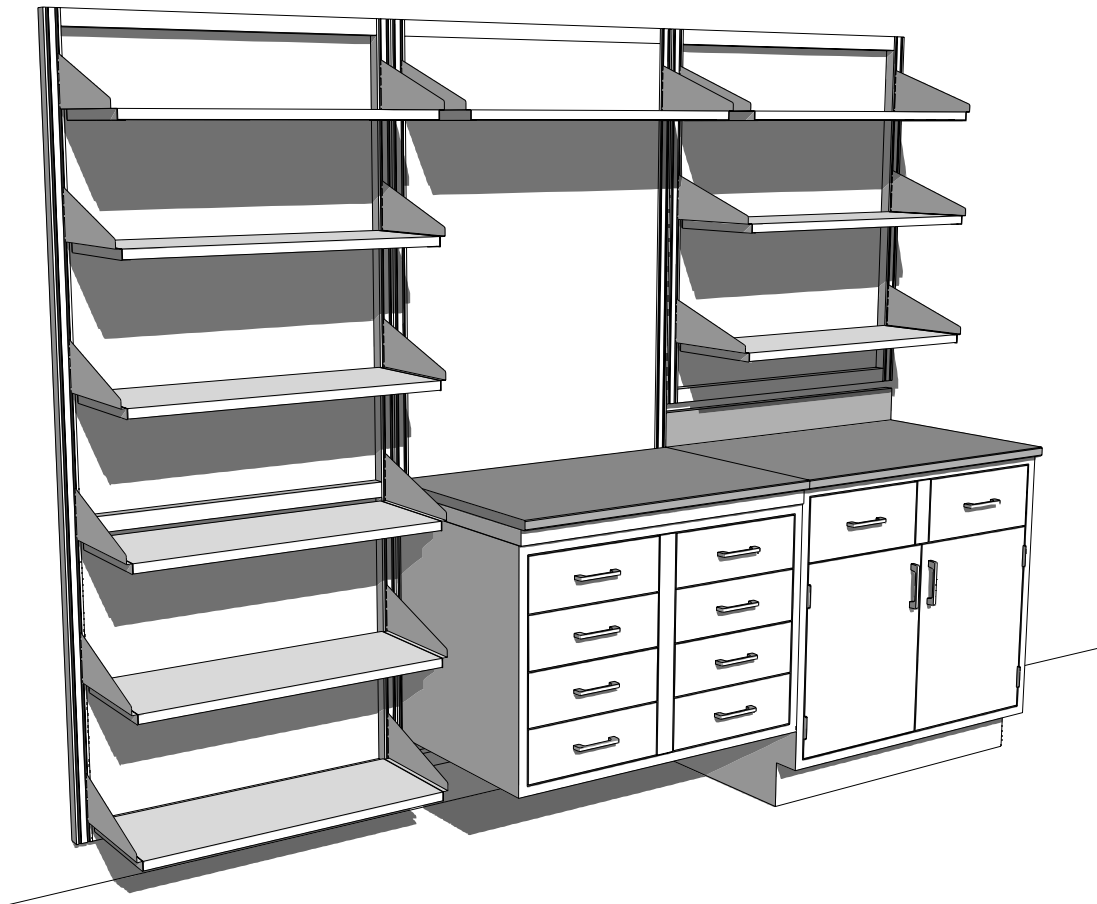
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Wall Hanging System

Features:

- Wall Hanging System provides support for a broad combination of accessories, including:
 - adjustable Worksurface frames
 - hanging cabinets — upper and lower
 - adjustable shelving
 - lighting
 - tackboards and markerboards
 - pegboards
- Double Slotted Vertical Uprights match uprights of Alpha modules allowing component interchangeability.
- Available full-height or may be used above floor mounted furniture.
- System design allows shelving to be suspended both above and below the Worksurface.
- Wall Hanging System provides support where no plumbing services are required.
- Vertical Uprights mount easily on 8 foot support rails at 6" intervals. Rails may be easily cut to required lengths.
- Available with easy to remove cover panels — either painted steel or fabric covered.

SEFA 10 | Class 2 – Configuration 1 – Category 1



Wall Hanging System Uprights & Rails

Specifications:

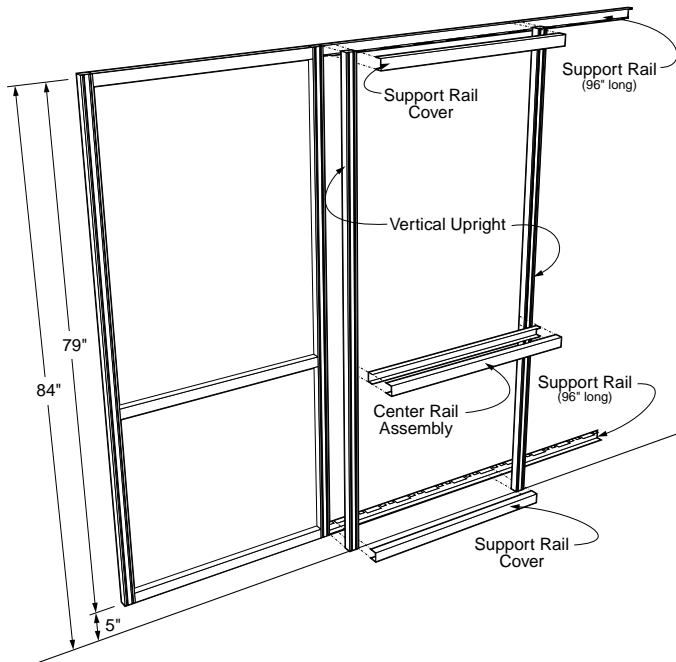
Vertical Uprights are 1¼" deep and either 79" or 42" high. They are manufactured with a double-slotted face with slots on 1" centers. They are designed to be mounted between two Support Rails to hold accurate spacing.

Support Rails are available in 8 foot lengths and may be cut to the required length. Support Rails are notched on 6" centers to accept the Vertical Uprights.

Support Rail Covers are required to finish the assembly and must be ordered in pairs to match the Vertical Upright spacing.

Optional Center Rails may be ordered to provide a horizontal member at counter top height. They should be sized to match the Vertical Upright spacing.

Full Height Wall Suspension System



Vertical Upright

F10M790102N	79"H	pair
-------------	------	------

Support Rail

F11M020196S	96"L	each
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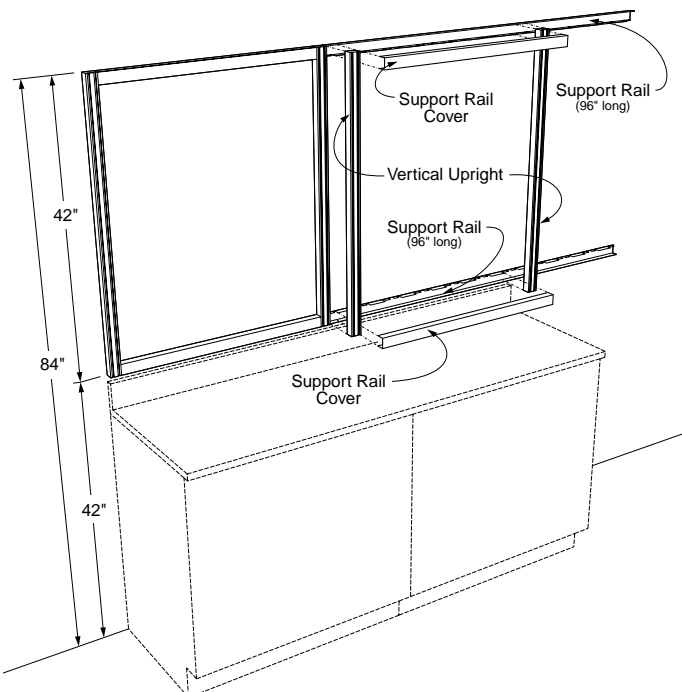
Support Rail Covers

F11M030124P	24"L	pair
F11M030130P	30"L	pair
F11M030136P	36"L	pair
F11M030142P	42"L	pair
F11M030148P	48"L	pair
F11M030154P	54"L	pair
F11M030160P	60"L	pair
F11M030166P	66"L	pair
F11M030172P	72"L	pair

Optional Center Rail Assembly

F11M020124C	24"L	each
F11M020130C	30"L	each
F11M020136C	36"L	each
F11M020142C	42"L	each
F11M020148C	48"L	each
F11M020154C	54"L	each
F11M020160C	60"L	each
F11M020166C	66"L	each
F11M020172C	72"L	each

Above Countertop Wall Suspension System



Vertical Upright

F10M420102N	42"H	pair
-------------	------	------

Support Rail

F11M020196S	96"L	each
-------------	------	------

Support Rail Covers

F11M030124P	24"L	pair
F11M030130P	30"L	pair
F11M030136P	36"L	pair
F11M030142P	42"L	pair
F11M030148P	48"L	pair
F11M030154P	54"L	pair
F11M030160P	60"L	pair
F11M030166P	66"L	pair
F11M030172P	72"L	pair

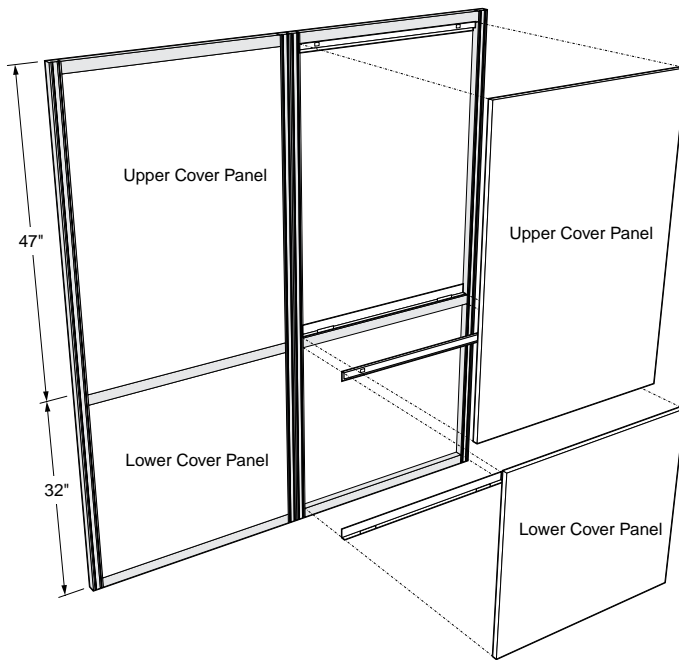
Wall Hanging System Cover Panels

Specifications:

Cover Panels are available in either painted steel or fabric covered cellulose board. They are designed to mount flush with the face of the Vertical Uprights to provide a smooth, even wall surface. Each panel is furnished complete with mounting brackets and hardware to allow it to easily snap into place without use of tools.

Cover Panels for the Full Height Wall Suspension System are separated into Upper and Lower Panels and require the Optional Center Rail Assembly. They may be used individually or as a pair. The Above Countertop Wall Suspension System uses a single Cover Panel. Size Cover Panels to match the Vertical Upright spacing.

Upper Cover Panels for 79" Uprights

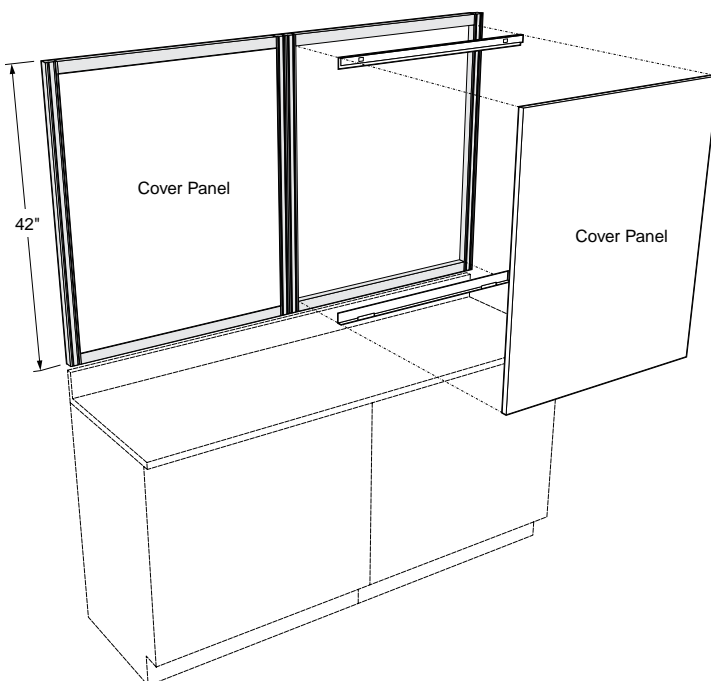


Steel Panels	Fabric Panels	(45 ³ / ₈ " High)
F76M470124N	F76F470124N	24"L each
F76M470130N	F76F470130N	30"L each
F76M470136N	F76F470136N	36"L each
F76M470142N	F76F470142N	42"L each
F76M470148N	F76F470148N	48"L each
F76M470154N	F76F470154N	54"L each
F76M470160N	F76F470160N	60"L each
F76M470166N	F76F470166N	66"L each
F76M470172N	F76F470172N	72"L each

Lower Cover Panels for 79" Uprights

Steel Panels	Fabric Panels	(28 ³ / ₄ " High)
F76M320124N	F76F320124N	24"L each
F76M320130N	F76F320130N	30"L each
F76M320136N	F76F320136N	36"L each
F76M320142N	F76F320142N	42"L each
F76M320148N	F76F320148N	48"L each
F76M320154N	F76F320154N	54"L each
F76M320160N	F76F320160N	60"L each
F76M320166N	F76F320166N	66"L each
F76M320172N	F76F320172N	72"L each

Cover Panels for 42" Uprights



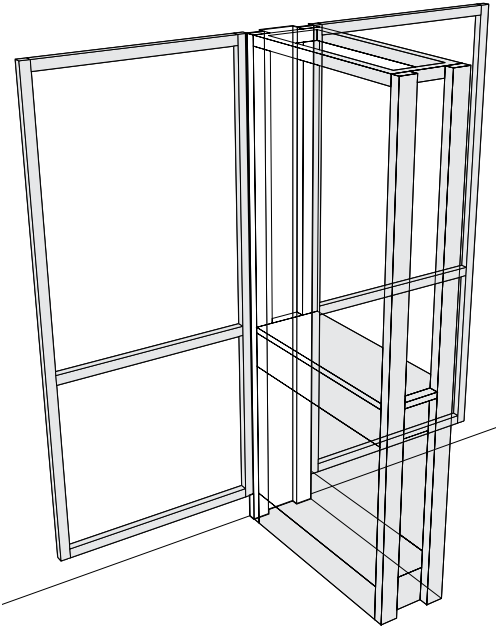
Steel Panels	Fabric Panels	(38 ³ / ₄ " High)
F76M420124N	F76F420124N	24"L each
F76M420130N	F76F420130N	30"L each
F76M420136N	F76F420136N	36"L each
F76M420142N	F76F420142N	42"L each
F76M420148N	F76F420148N	48"L each
F76M420154N	F76F420154N	54"L each
F76M420160N	F76F420160N	60"L each
F76M420166N	F76F420166N	66"L each
F76M420172N	F76F420172N	72"L each

Wall Hanging System Peninsula Modules

Specifications:

Peninsula Modules allow 6" and 12" Island Modules to be joined to the Wall Hanging System. They are available in three heights, 36", 46", or 84" to match the 6" and 12" Island Structural Modules. Peninsula Modules are formed from cold rolled steel and are finished to match the adjacent modules, uprights and rails.

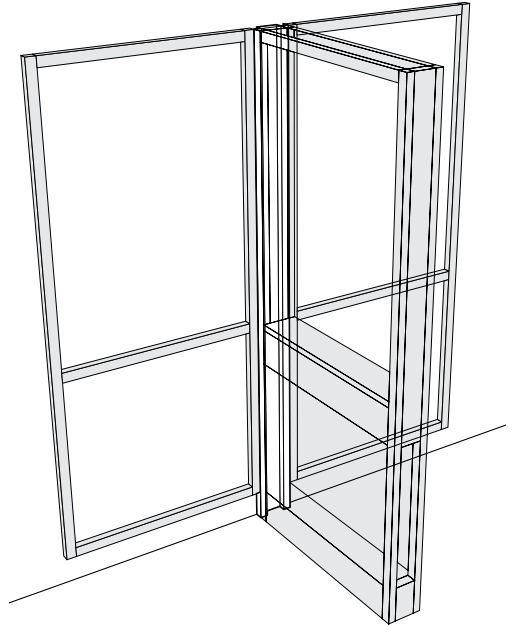
12" Island Peninsula Module



12" Peninsula Module	
Height	Part Number
36"	F42M360112N
46"	F42M460112N
84"	F42M840112N

6" Peninsula Module	
Height	Part Number
36"	F46M360106N
46"	F46M460106N
84"	F46M840106N

6" Partition Peninsula Module

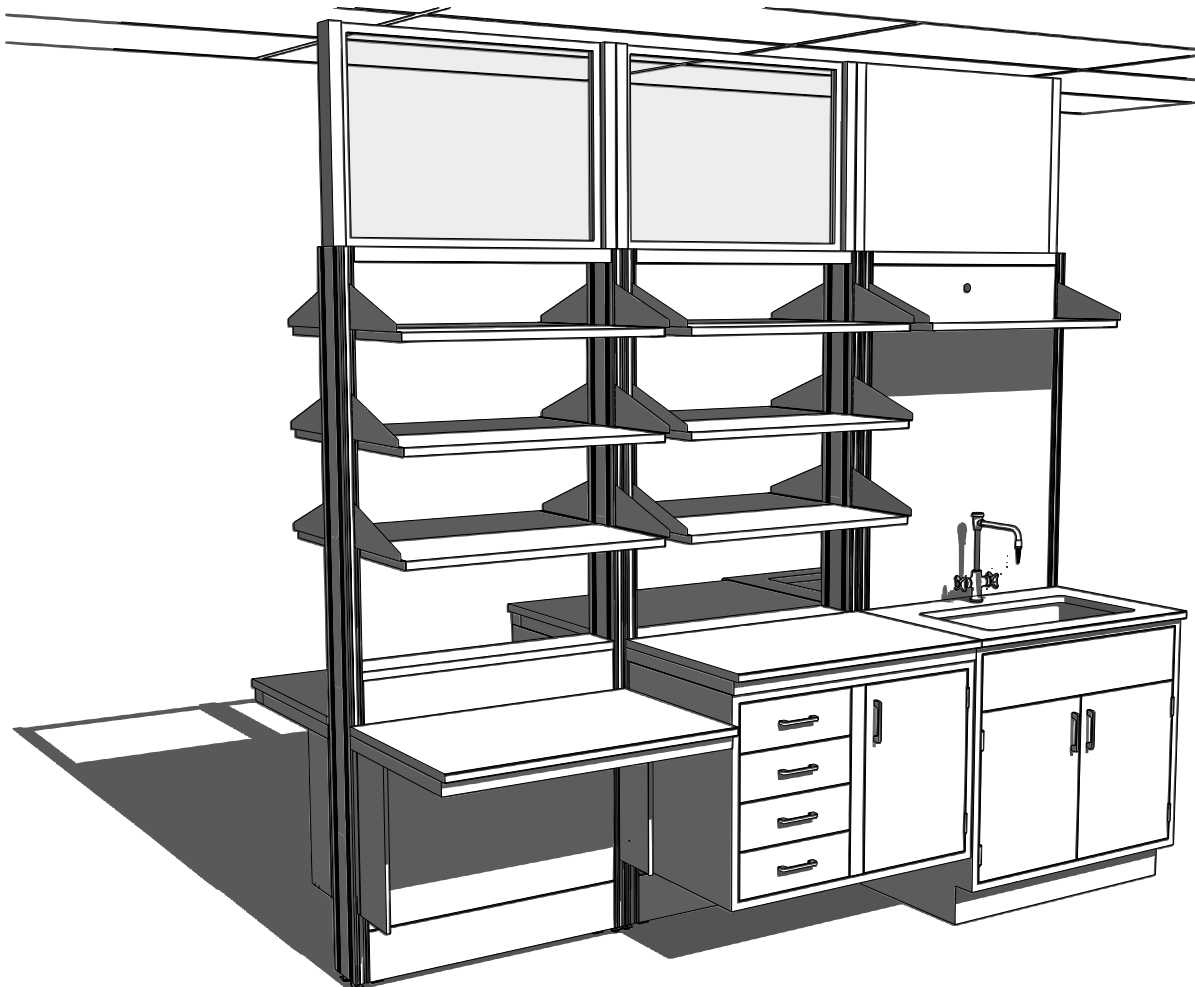


6" Partition Modules

Features:

- 6" Partition Modules can be used as Island Modules, or as a Partition System
- 6" Partition Modules provide support for a wide combination of accessories, including:
 - adjustable Worksurface frames
 - adjustable tables
 - hanging cabinets — upper and lower
 - floor mounted cabinets
 - adjustable shelving
 - lighting
 - electrical and plumbing raceway
 - service drops
 - tack boards and marker boards
- 6" Partition Modules provide 3½" of service space and are built to receive standard pipe hangers for ease of installing service piping and electrical conduit.
- System design allows shelving to be suspended both above and below the Worksurface.
- Easy and positive structural alignment and attachment to adjacent modules.
- Available with easy to remove access panels. May be ordered without access panels for use with floor mounted base cabinets.

SEFA 10 | Class 5 – Configuration 2 – Category 2



6" Partition Modules

Specifications:

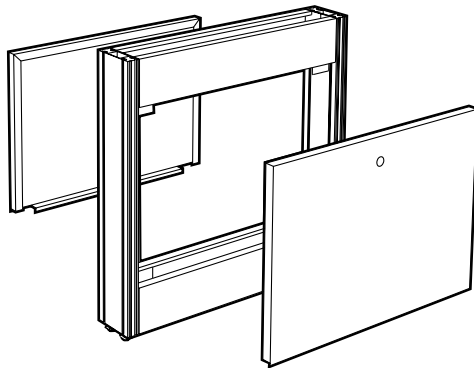
6" Partition Modules are 37" high, with Upper Carriers, 84" high. Both are 6" deep and available in lengths shown.

Modules are available with or without Access Panels. Order without when used with floor mounted base cabinets.

Each module is furnished with hardware for attaching adjacent modules.

Ceiling Support and Module Ledge must be ordered separately.

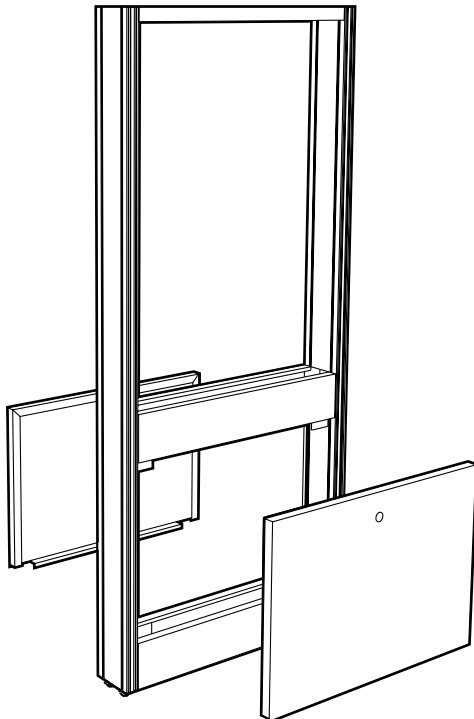
6" Deep Partition Module – 37" High



Length	with Access Panels	without Access Panels
24"	F08M370624N	F08N370624N
30"	F08M370630N	F08N370630N
36"	F08M370636N	F08N370636N
42"	F08M370642N	F08N370642N
48"	F08M370648N *	F08N370648N
54"	F08M370654N *	F08N370654N
60"	F08M370660N *	F08N370660N
66"	F08M370666N *	F08N370666N
72"	F08M370672N *	F08N370672N

* Modules 48" long and over are provided with two half-length Access Panels.

6" Deep Partition Module with Upper Carrier – 84" High



Length	with Access Panels	without Access Panels
24"	F38M370624N	F38N370624N
30"	F38M370630N	F38N370630N
36"	F38M370636N	F38N370636N
42"	F38M370642N	F38N370642N
48"	F38M370648N *	F38N370648N
54"	F38M370654N *	F38N370654N
60"	F38M370660N *	F38N370660N
66"	F38M370666N *	F38N370666N
72"	F38M370672N *	F38N370672N

* Modules 48" long and over are provided with two half-length Access Panels.

6" Partition Modules

Specifications:

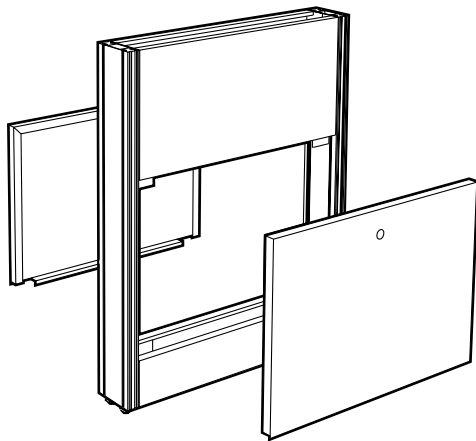
Service Riser Partition Modules are 47" high, with Upper Carrier, 84" high. Both are 6" deep and in lengths shown.

Modules are available with or without Access Panels. Order without when used with floor mounted base cabinets.

Each module is furnished with hardware for attaching adjacent modules.

Ceiling Support and Module Ledge must be ordered separately.

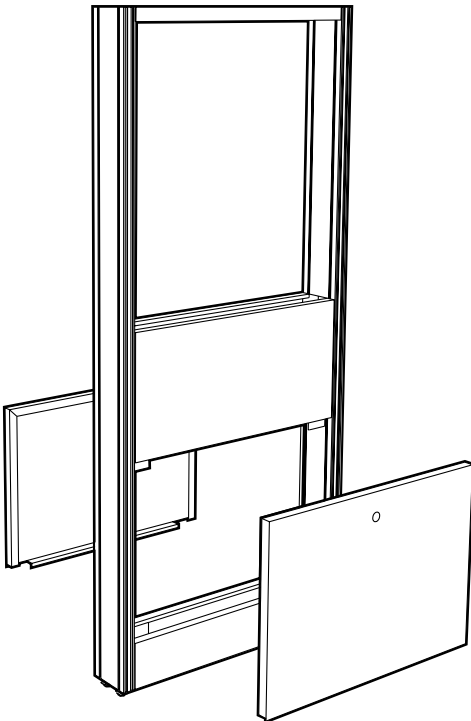
6" Deep Service Riser Partition Module – 47" High



Length	with Access Panels	without Access Panels
24"	F08M470624N	F08N470624N
30"	F08M470630N	F08N470630N
36"	F08M470636N	F08N470636N
42"	F08M470642N	F08N470642N
48"	F08M470648N *	F08N470648N
54"	F08M470654N *	F08N470654N
60"	F08M470660N *	F08N470660N
66"	F08M470666N *	F08N470666N
72"	F08M470672N *	F08N470672N

* Modules 48" long and over are provided with two half-length Access Panels.

6" Deep Service Riser Partition Module with Upper Carrier – 84" High



Length	with Access Panels	without Access Panels
24"	F38M470624N	F38N470624N
30"	F38M470630N	F38N470630N
36"	F38M470636N	F38N470636N
42"	F38M470642N	F38N470642N
48"	F38M470648N *	F38N470648N
54"	F38M470654N *	F38N470654N
60"	F38M470660N *	F38N470660N
66"	F38M470666N *	F38N470666N
72"	F38M470672N *	F38N470672N

* Modules 48" long and over are provided with two half-length Access Panels.

6" Partition Modules

Specifications:

Partition Modules are 37" high, with Upper Carriers, 84" high. Both are 6" deep and available in lengths shown.

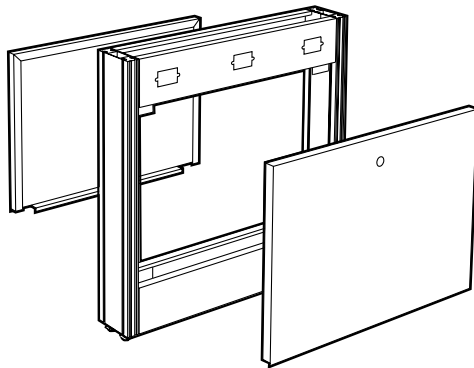
Modules are available with or without Access Panels. Order without when used with floor mounted base cabinets.

24" and 30" long modules have two single-gang electric box cutouts, all other sizes have three.

Each module is furnished with hardware for attaching adjacent modules.

Ceiling Support and Module Ledge must be ordered separately.

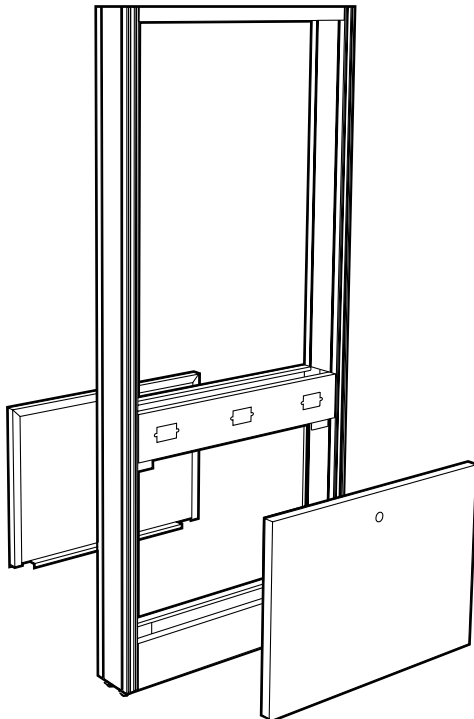
6" Deep Standard Partition Module with Electric Cutouts – 37" High



Length	with Access Panels	without Access Panels
24"	F08M370624E	F08N370624E
30"	F08M370630E	F08N370630E
36"	F08M370636E	F08N370636E
42"	F08M370642E	F08N370642E
48"	F08M370648E *	F08N370648E
54"	F08M370654E *	F08N370654E
60"	F08M370660E *	F08N370660E
66"	F08M370666E *	F08N370666E
72"	F08M370672E *	F08N370672E

* Modules 48" long and over are provided with two half-length Access Panels.

6" Deep Standard Partition Module with Electric Cutouts & Upper Carrier – 84" High



Length	with Access Panels	without Access Panels
24"	F38M370624E	F38N370624E
30"	F38M370630E	F38N370630E
36"	F38M370636E	F38N370636E
42"	F38M370642E	F38N370642E
48"	F38M370648E *	F38N370648E
54"	F38M370654E *	F38N370654E
60"	F38M370660E *	F38N370660E
66"	F38M370666E *	F38N370666E
72"	F38M370672E *	F38N370672E

* Modules 48" long and over are provided with two half-length Access Panels.

6" Partition Modules

Specifications:

Service Riser Partition Modules are 47" high, with Upper Carrier, 84" high. Both are 12" deep and in lengths shown.

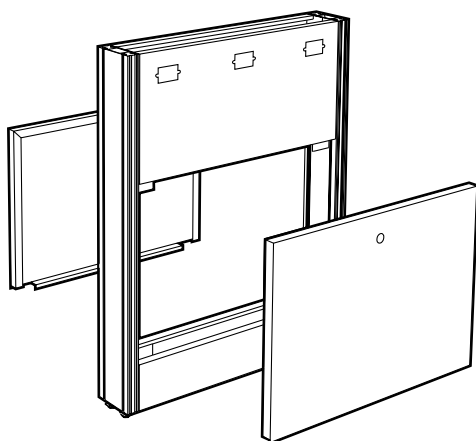
Modules are available with or without Access Panels. Order without when used with floor mounted base cabinets.

24" and 30" long modules have two single-gang electric box cutouts, all other sizes have three.

Each module is furnished with hardware for attaching adjacent modules.

Ceiling Support and Module Ledge must be ordered separately.

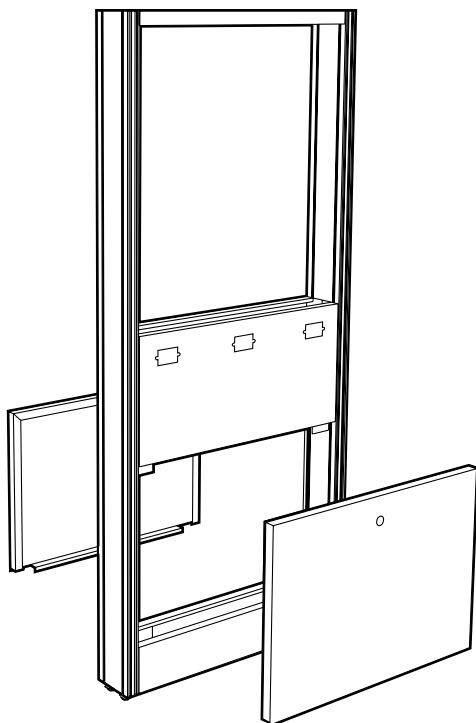
6" Deep Service Riser Partition Module with Electric Cutouts – 47" High



Length	with Access Panels	without Access Panels
24"	F08M470624E	F08N470624E
30"	F08M470630E	F08N470630E
36"	F08M470636E	F08N470636E
42"	F08M470642E	F08N470642E
48"	F08M470648E *	F08N470648E
54"	F08M470654E *	F08N470654E
60"	F08M470660E *	F08N470660E
66"	F08M470666E *	F08N470666E
72"	F08M470672E *	F08N470672E

* Modules 48" long and over are provided with two half-length Access Panels.

6" Deep Service Riser Partition Module with Electric Cutouts & Upper Carrier – 84" High



Length	with Access Panels	without Access Panels
24"	F38M470624E	F38N470624E
30"	F38M470630E	F38N470630E
36"	F38M470636E	F38N470636E
42"	F38M470642E	F38N470642E
48"	F38M470648E *	F38N470648E
54"	F38M470654E *	F38N470654E
60"	F38M470660E *	F38N470660E
66"	F38M470666E *	F38N470666E
72"	F38M470672E *	F38N470672E

* Modules 48" long and over are provided with two half-length Access Panels.

6" Partition Modules

Specifications:

Partition Modules with Paneled Upper Carrier are the same as standard Partition Modules; except, they are furnished with easy to remove panels to close off the area between the upper carrier uprights. They may be used as a service drop, to hide piping or tubing, or as a room divider.

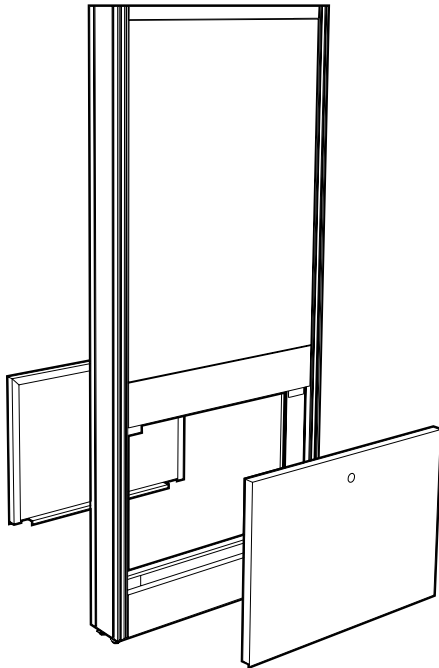
have two single-gang electric box cutouts, all other sizes have three.

Each module furnished with hardware for attaching adjacent modules.

**Ceiling Support must be ordered separately.
Module Ledge is not required.**

When ordered with electric cutouts, 24" and 30" long modules

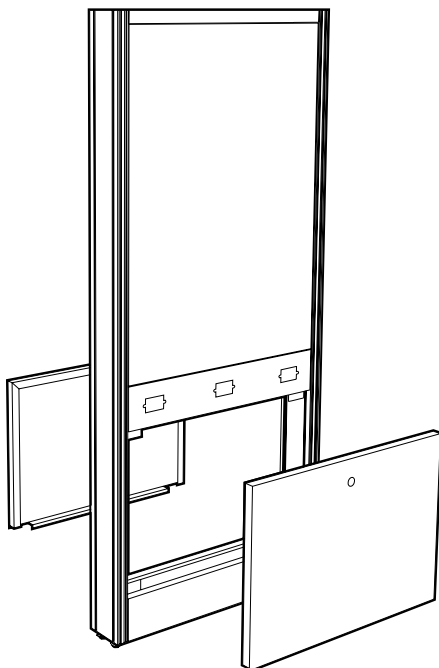
6" Deep Standard Partition Module with Paneled Upper Carrier – 84" High



Length	with Lower Access Panels	without Lower Access Panels
24"	F39M370624N	F39N370624N
30"	F39M370630N	F39N370630N
36"	F39M370636N	F39N370636N
42"	F39M370642N	F39N370642N
48"	F39M370648N *	F39N370648N *
54"	F39M370654N *	F39N370654N *
60"	F39M370660N *	F39N370660N *
66"	F39M370666N *	F39N370666N *
72"	F39M370672N *	F39N370672N *

* Modules 48" long and over are provided with half-length removable panels.

6" Deep Standard Partition Module with Electric Cutouts & Paneled Upper Carrier – 84" High



Length	with Lower Access Panels	without Lower Access Panels
24"	F39M370624E	F39N370624E
30"	F39M370630E	F39N370630E
36"	F39M370636E	F39N370636E
42"	F39M370642E	F39N370642E
48"	F39M370648E *	F39N370648E *
54"	F39M370654E *	F39N370654E *
60"	F39M370660E *	F39N370660E *
66"	F39M370666E *	F39N370666E *
72"	F39M370672E *	F39N370672E *

* Modules 48" long and over are provided with half-length removable panels.

6" Partition Modules

Specifications:

Service Riser Partition Modules with Paneled Upper Carrier are the same as standard Service Riser Partition Modules; except, they are furnished with easy to remove panels to close off the area between the upper carrier uprights. They may be used as a service drop, to hide piping or tubing, or as a room divider.

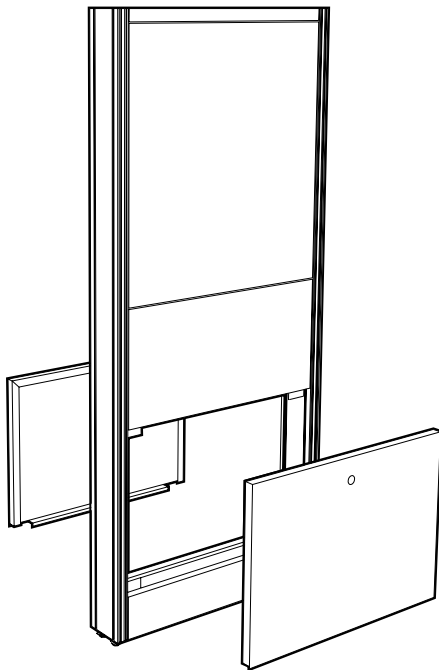
have two single-gang electric box cutouts, all other sizes have three.

Each module furnished with hardware for attaching to adjacent modules.

**Ceiling Support must be ordered separately.
Module Ledge is not required.**

When ordered with electric cutouts, 24" and 30" long modules

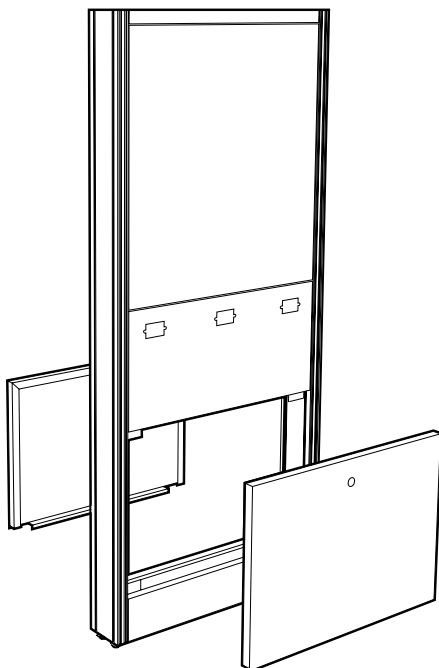
6" Deep Service Riser Partition Module with Paneled Upper Carrier – 84" High



Length	with Lower Access Panels	without Lower Access Panels
24"	F39M470624N	F39N470624N
30"	F39M470630N	F39N470630N
36"	F39M470636N	F39N470636N
42"	F39M470642N	F39N470642N
48"	F39M470648N *	F39N470648N *
54"	F39M470654N *	F39N470654N *
60"	F39M470660N *	F39N470660N *
66"	F39M470666N *	F39N470666N *
72"	F39M470672N *	F39N470672N *

* Modules 48" long and over are provided with half-length removable panels.

6" Deep Service Riser Partition Module with Electric Cutouts & Paneled Upper Carrier – 84" High



Length	with Lower Access Panels	without Lower Access Panels
24"	F39M470624E	F39N470624E
30"	F39M470630E	F39N470630E
36"	F39M470636E	F39N470636E
42"	F39M470642E	F39N470642E
48"	F39M470648E	F39N470648E
54"	F39M470654E *	F39N470654E *
60"	F39M470660E *	F39N470660E *
66"	F39M470666E *	F39N470666E *
72"	F39M470672E *	F39N470672E *

* Modules 48" long and over are provided with half-length removable panels.

6" Partition Modules

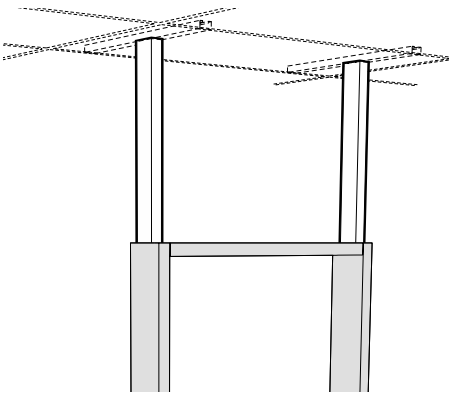
Specifications:

Partition Module Ceiling Supports consist of two cold rolled steel tube assemblies that telescope into the Partition Module Upper Carrier. They are designed to be fastened to channels (provided by others) attached to either the drop ceiling grid or to the roof supports.

Partition Module Ceiling Supports are required when the module is not adjacent to a fixed wall, or supported by a wing wall or fixed furniture.

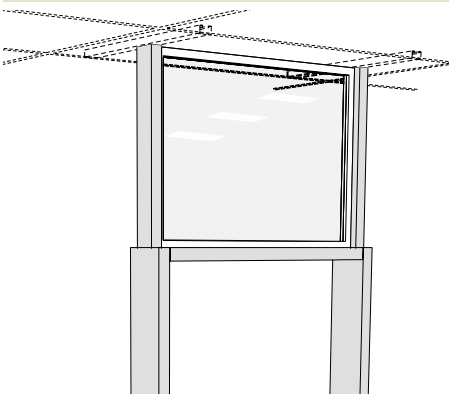
Ceiling Partitions are available to finish off the space between the Ceiling Supports above the Partition Module to form a continuous floor-to-ceiling divider. They are available in a number of heights and in either glass or with a solid steel panel. Solid partitions may be finished to match the Partition Module or in a contrasting color.

6" Deep Partition Module Ceiling Support



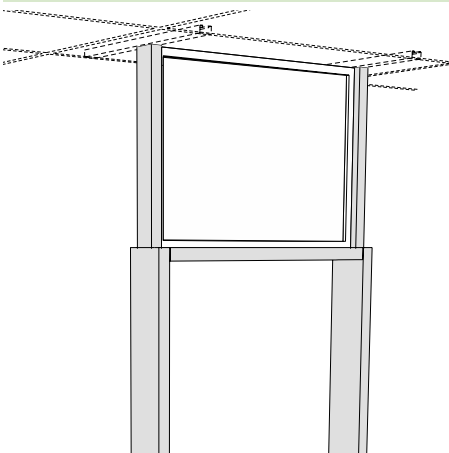
Size	24" High	36" High	48" High	60" High
03"x01"	F48S240301N	F48S360301N	F48S480301N	F48S600301N

6" Deep Partition Module Glass Ceiling Partition



Length	12" High	18" High	24" High	30" High
24"	F49G120624N	F49G180624N	F49G240624N	F49G300624N
30"	F49G120630N	F49G180630N	F49G240630N	F49G300630N
36"	F49G120636N	F49G180636N	F49G240636N	F49G300636N
42"	F49G120642N	F49G180642N	F49G240642N	F49G300642N
48"	F49G120648N	F49G180648N	F49G240648N	F49G300648N
54"	F49G120654N	F49G180654N	F49G240654N	F49G300654N
60"	F49G120660N	F49G180660N	F49G240660N	F49G300660N
66"	F49G120666N	F49G180666N	F49G240666N	F49G300666N
72"	F49G120672N	F49G180672N	F49G240672N	F49G300672N

6" Deep Partition Module Solid Ceiling Partition



Length	12" High	18" High	24" High	30" High
24"	F49M120624N	F49M180624N	F49M240624N	F49M300624N
30"	F49M120630N	F49M180630N	F49M240630N	F49M300630N
36"	F49M120636N	F49M180636N	F49M240636N	F49M300636N
42"	F49M120642N	F49M180642N	F49M240642N	F49M300642N
48"	F49M120648N	F49M180648N	F49M240648N	F49M300648N
54"	F49M120654N	F49M180654N	F49M240654N	F49M300654N
60"	F49M120660N	F49M180660N	F49M240660N	F49M300660N
66"	F49M120666N	F49M180666N	F49M240666N	F49M300666N
72"	F49M120672N	F49M180672N	F49M240672N	F49M300672N

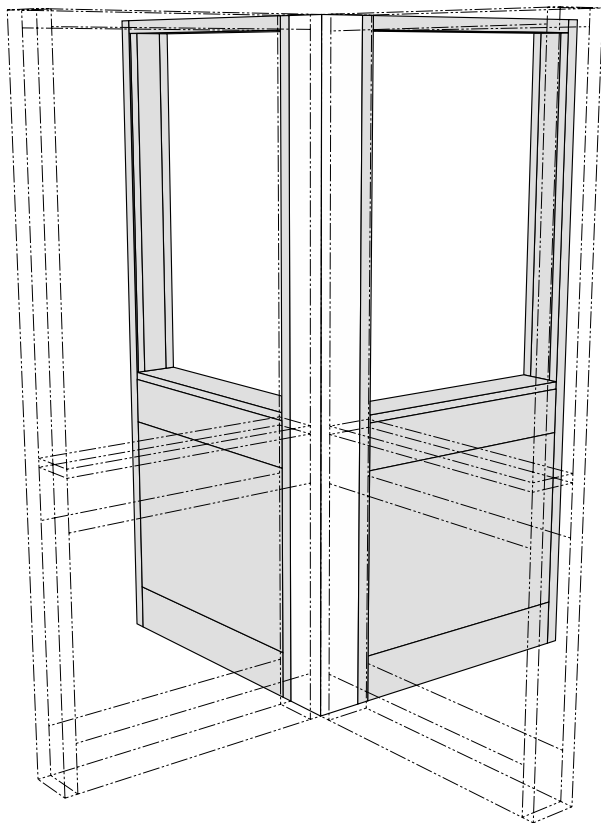
6" Corner Column Modules

Specifications:

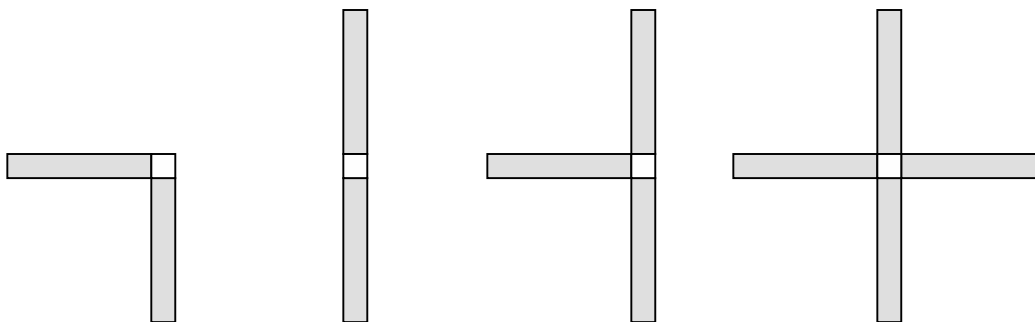
Corner Column Modules allow multiple configurations of Partition Modules to form a variety of assemblies. The Column Modules are available in three heights to match the Partition Modules. Each module is furnished with removable access panels for two sides and attachment hardware.

Module Ledge, when required must be ordered separately.

6" Deep Partition Module Corner Column



Height	Part Number
37"	F40M370606N
47"	F40M470606N
84"	F40M840606N



Possible Alpha System Assembly configurations using 6" Corner Column Modules

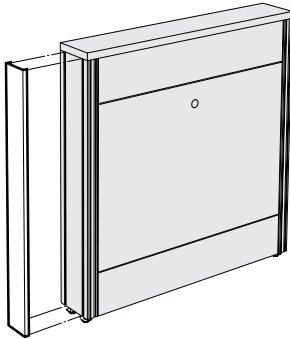
6" Partition Module End Filler

Specifications:

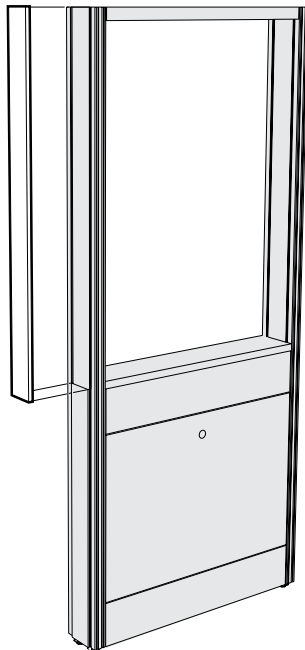
Partition Module End Fillers are designed to close off the end of Partition Modules to offer a more finished appearance. A single filler is used to finish Standard Partition Modules. Two fillers are used to finish Partition Modules with Paneled Upper Carriers.

Partition Module End Fillers are provided with all required installation hardware.

6" Deep Partition Module End Fillers



Height	Lower Filler
35"	F00M360106N
45"	F00M460106N



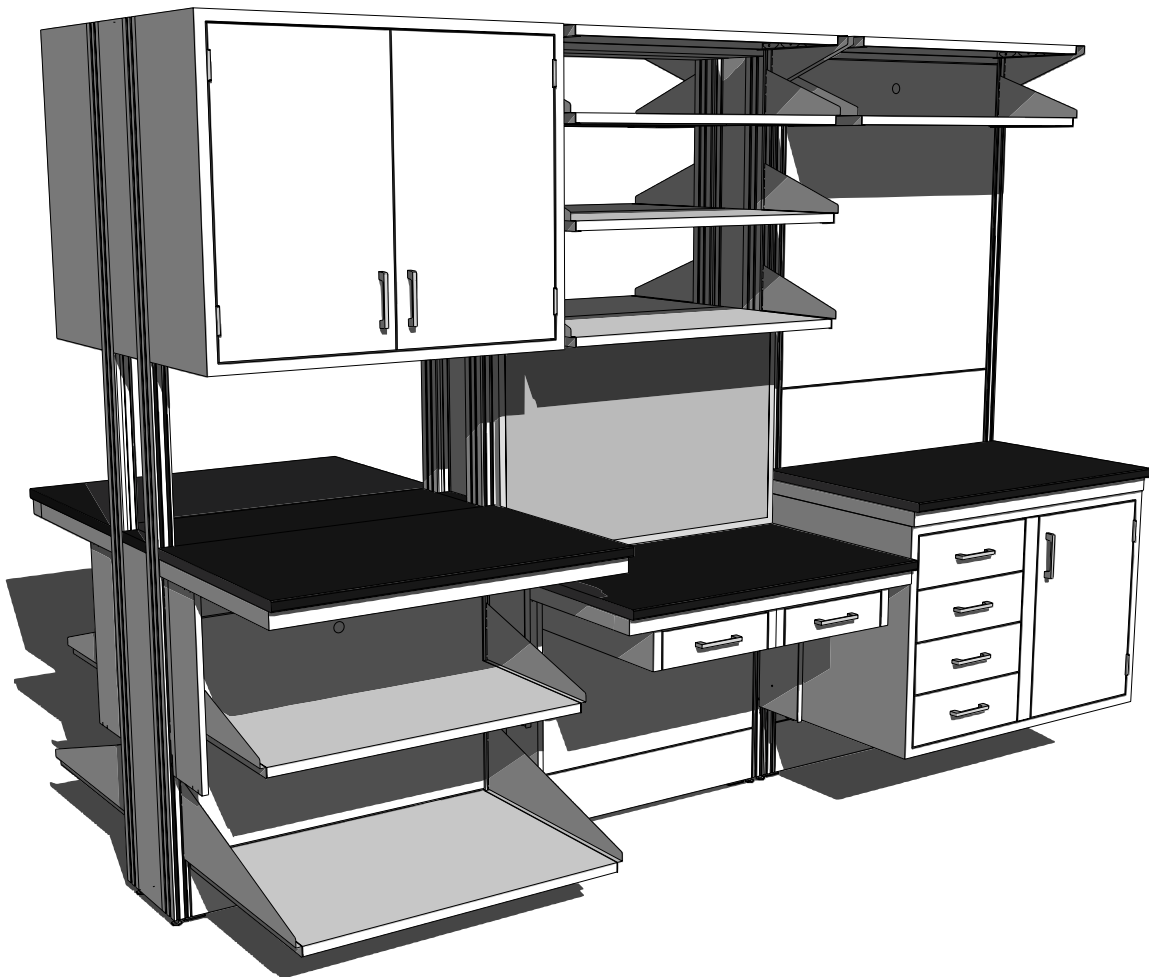
Height	Upper Filler
38"	F00M380106N
48"	F00M480106N

12" Island Structural Modules

Features:

- 12" Island Structural Modules provide support for a wide combination of accessories, including:
 - adjustable Worksurface frames
 - adjustable tables
 - hanging cabinets - upper and lower
 - floor mounted cabinets
 - adjustable shelving
 - lighting
 - electrical and plumbing raceway
 - service drops
 - tack boards and marker boards
 - pegboards
- 12" Island Structural Modules provide 6" of service space and are built to receive standard pipe hangers for ease of installing service piping and electrical conduit.
- System design allows shelving to be suspended both above and below the Worksurface.
- Easy and positive structural alignment and attachment to adjacent modules.
- Available with easy to remove access panels. May be ordered without access panels for use with floor mounted base cabinets.

SEFA 10 | Class 5 – Configuration 2 – Category 2



12" Island Structural Modules

Specifications:

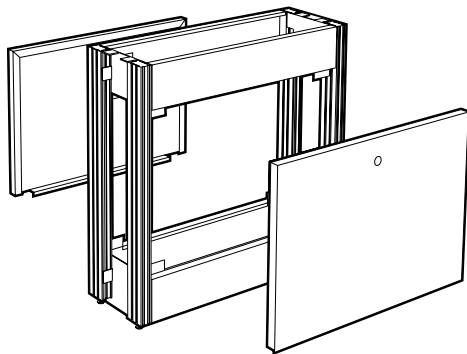
Island Modules are 37" high, with Upper Carriers, 84" high. Both are 12" deep and available in lengths shown.

Module Ledge must be ordered separately.

Modules are available with or without Access Panels. Order without when used with floor mounted base cabinets.

Each module is furnished with hardware for attaching adjacent modules.

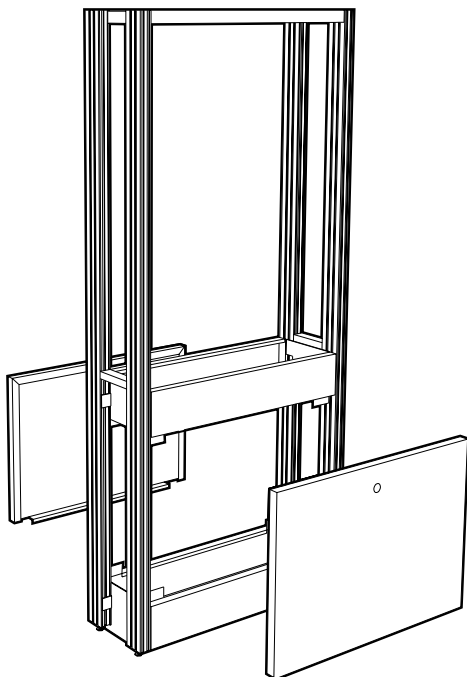
12" Deep Island Module – 37" High



Length	with Access Panels	without Access Panels
24"	F06M371224N	F06N371224N
30"	F06M371230N	F06N371230N
36"	F06M371236N	F06N371236N
42"	F06M371242N	F06N371242N
48"	F06M371248N *	F06N371248N
54"	F06M371254N *	F06N371254N
60"	F06M371260N *	F06N371260N
66"	F06M371266N *	F06N371266N
72"	F06M371272N *	F06N371272N

* Modules 48" long and over are provided with two half-length Access Panels.

12" Deep Island Module with Upper Carrier – 84" High



Length	with Access Panels	without Access Panels
24"	F36M371224N	F36N371224N
30"	F36M371230N	F36N371230N
36"	F36M371236N	F36N371236N
42"	F36M371242N	F36N371242N
48"	F36M371248N *	F36N371248N
54"	F36M371254N *	F36N371254N
60"	F36M371260N *	F36N371260N
66"	F36M371266N *	F36N371266N
72"	F36M371272N *	F36N371272N

* Modules 48" long and over are provided with two half-length Access Panels.

12" Island Structural Modules

Specifications:

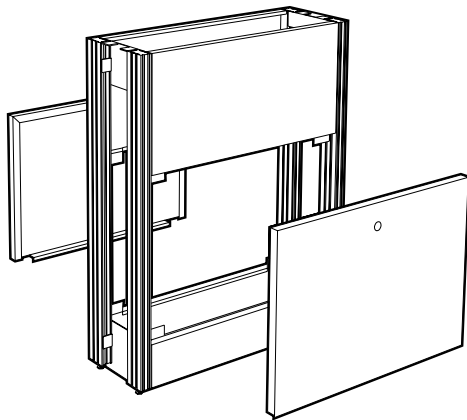
Service Riser Island Modules are 47" high, with Upper Carrier, 84" high. Both are 12" deep and in lengths shown.

Modules are available with or without Access Panels. Order without when used with floor mounted base cabinets.

Each module is furnished with hardware for attaching adjacent modules.

Module Ledge must be ordered separately.

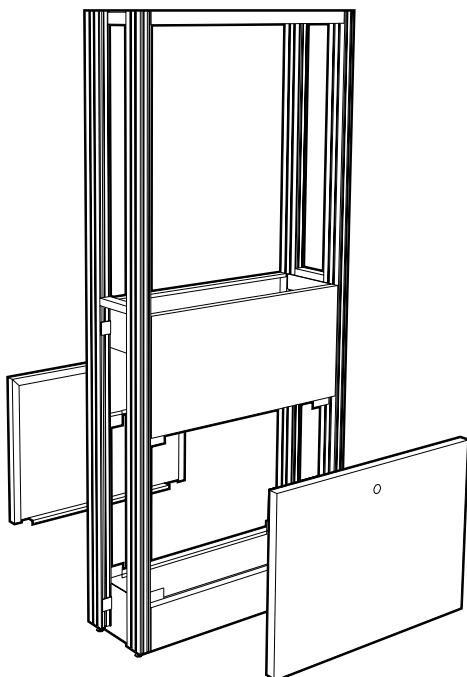
12" Deep Service Riser Island Module – 47" High



Length	with Access Panels	without Access Panels
24"	F06M471224N	F06N471224N
30"	F06M471230N	F06N471230N
36"	F06M471236N	F06N471236N
42"	F06M471242N	F06N471242N
48"	F06M471248N *	F06N471248N
54"	F06M471254N *	F06N471254N
60"	F06M471260N *	F06N471260N
66"	F06M471266N *	F06N471266N
72"	F06M471272N *	F06N471272N

* Modules 48" long and over are provided with two half-length Access Panels.

12" Deep Service Riser Island Module with Upper Carrier – 84" High



Length	with Access Panels	without Access Panels
24"	F36M471224N	F36N471224N
30"	F36M471230N	F36N471230N
36"	F36M471236N	F36N471236N
42"	F36M471242N	F36N471242N
48"	F36M471248N *	F36N471248N
54"	F36M471254N *	F36N471254N
60"	F36M471260N *	F36N471260N
66"	F36M471266N *	F36N471266N
72"	F36M471272N *	F36N471272N

* Modules 48" long and over are provided with two half-length Access Panels.

12" Island Structural Modules

Specifications:

Island Modules are 37" high, with Upper Carriers, 84" high. Both are 12" deep and available in lengths shown.

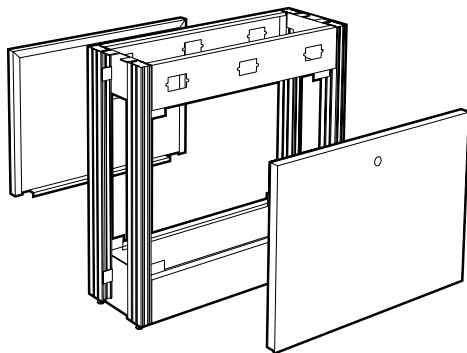
Modules are available with or without Access Panels. Order without when used with floor mounted base cabinets.

24" and 30" long modules have two single-gang electric box cutouts, all other sizes have three.

Each module is furnished with hardware for attaching adjacent modules.

Module Ledge must be ordered separately.

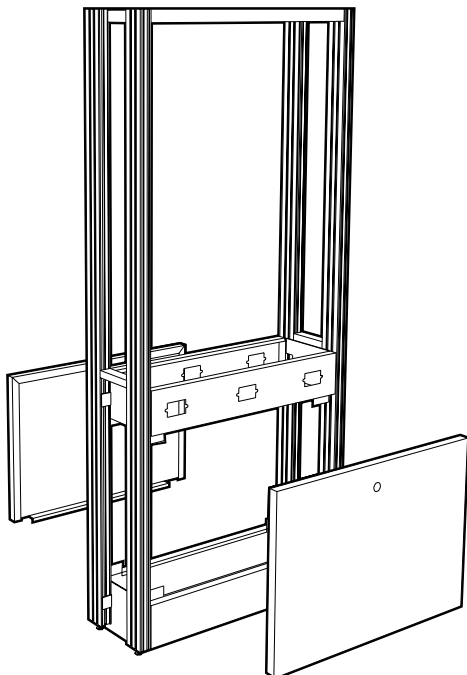
12" Deep Standard Island Module with Electric Cutouts – 37" High



Length	with Access Panels	without Access Panels
24"	F06M371224E	F06N371224E
30"	F06M371230E	F06N371230E
36"	F06M371236E	F06N371236E
42"	F06M371242E	F06N371242E
48"	F06M371248E *	F06N371248E
54"	F06M371254E *	F06N371254E
60"	F06M371260E *	F06N371260E
66"	F06M371266E *	F06N371266E
72"	F06M371272E *	F06N371272E

* Modules 48" long and over are provided with two half-length Access Panels.

12" Deep Standard Island Module with Electric Cutouts & Upper Carrier – 84" High



Length	with Access Panels	without Access Panels
24"	F36M371224E	F36N371224E
30"	F36M371230E	F36N371230E
36"	F36M371236E	F36N371236E
42"	F36M371242E	F36N371242E
48"	F36M371248E *	F36N371248E
54"	F36M371254E *	F36N371254E
60"	F36M371260E *	F36N371260E
66"	F36M371266E *	F36N371266E
72"	F36M371272E *	F36N371272E

* Modules 48" long and over are provided with two half-length Access Panels.

12" Island Structural Modules

Specifications:

Service Riser Island Modules are 47" high, with Upper Carrier, 84" high. Both are 12" deep and in lengths shown.

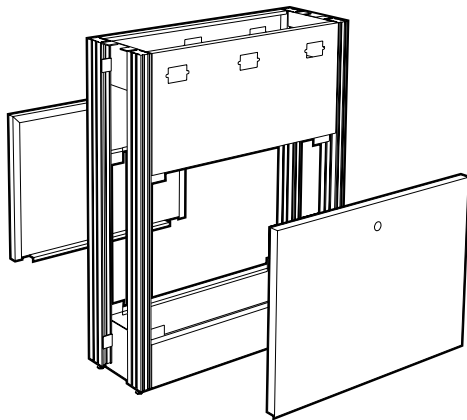
Modules are available with or without Access Panels. Order without when used with floor mounted base cabinets.

24" and 30" long modules have two single-gang electric box cutouts, all other sizes have three.

Each module is furnished with hardware for attaching adjacent modules.

Module Ledge must be ordered separately.

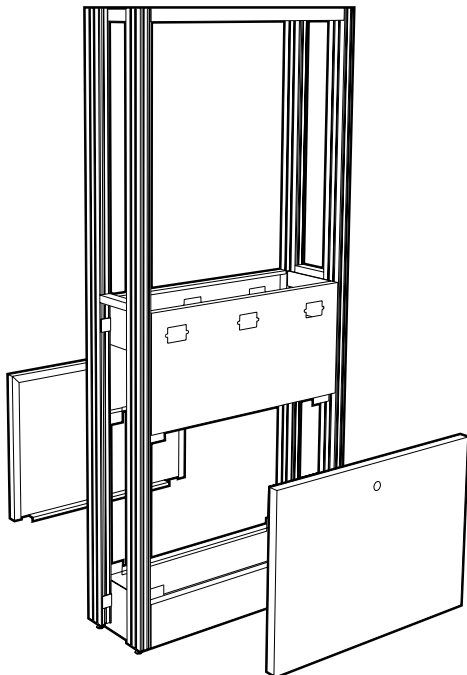
12" Deep Service Riser Island Module with Electric Cutouts – 47" High



Length	with Access Panels	without Access Panels
24"	F06M471224E	F06N471224E
30"	F06M471230E	F06N471230E
36"	F06M471236E	F06N471236E
42"	F06M471242E	F06N471242E
48"	F06M471248E *	F06N471248E
54"	F06M471254E *	F06N471254E
60"	F06M471260E *	F06N471260E
66"	F06M471266E *	F06N471266E
72"	F06M471272E *	F06N471272E

* Modules 48" long and over are provided with two half-length Access Panels.

12" Deep Service Riser Island Module with Electric Cutouts & Upper Carrier – 84" High



Length	with Access Panels	without Access Panels
24"	F36M471224E	F36N471224E
30"	F36M471230E	F36N471230E
36"	F36M471236E	F36N471236E
42"	F36M471242E	F36N471242E
48"	F36M471248E *	F36N471248E
54"	F36M471254E *	F36N471254E
60"	F36M471260E *	F36N471260E
66"	F36M471266E *	F36N471266E
72"	F36M471272E *	F36N471272E

* Modules 48" long and over are provided with two half-length Access Panels.

12" Island Structural Modules

Specifications:

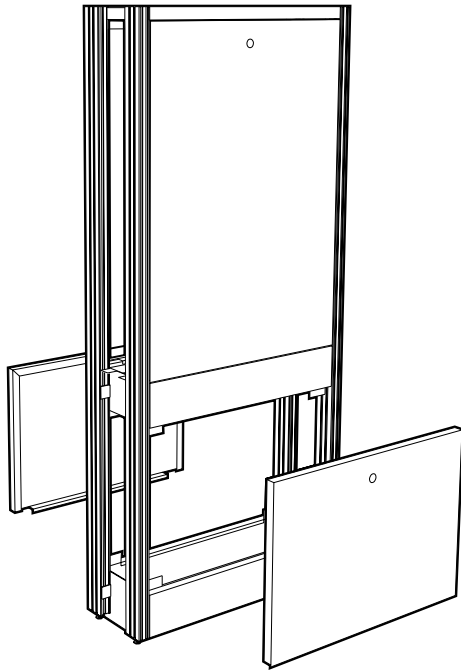
Island Modules with Paneled Upper Carrier are the same as standard Island Modules; except, they are furnished with easy to remove panels to close off the area between the upper carrier uprights. They may be used as a service drop, to hide piping or tubing, or as a room divider.

When ordered with electric cutouts, 24" and 30" long modules have two single-gang electric box cutouts, all other sizes have three.

Each module furnished with hardware for attaching adjacent modules.

Module Ledge is not required.

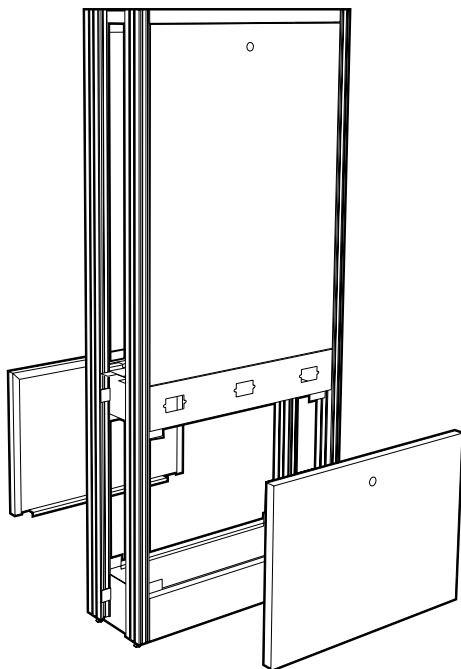
12" Deep Standard Island Module with Paneled Upper Carrier – 84" High



Length	with Lower Access Panels	without Lower Access Panels
24"	F37M371224N	F37N371224N
30"	F37M371230N	F37N371230N
36"	F37M371236N	F37N371236N
42"	F37M371242N	F37N371242N
48"	F37M371248N *	F37N371248N *
54"	F37M371254N *	F37N371254N *
60"	F37M371260N *	F37N371260N *
66"	F37M371266N *	F37N371266N *
72"	F37M371272N *	F37N371272N *

* Modules 48" long and over are provided with half-length removable panels.

12" Deep Standard Island Module with Electric Cutouts & Paneled Upper Carrier – 84" High



Length	with Lower Access Panels	without Lower Access Panels
24"	F37M371224E	F37N371224E
30"	F37M371230E	F37N371230E
36"	F37M371236E	F37N371236E
42"	F37M371242E	F37N371242E
48"	F37M371248E *	F37N371248E *
54"	F37M371254E *	F37N371254E *
60"	F37M371260E *	F37N371260E *
66"	F37M371266E *	F37N371266E *
72"	F37M371272E *	F37N371272E *

* Modules 48" long and over are provided with half-length removable panels.

12" Island Structural Modules

Specifications:

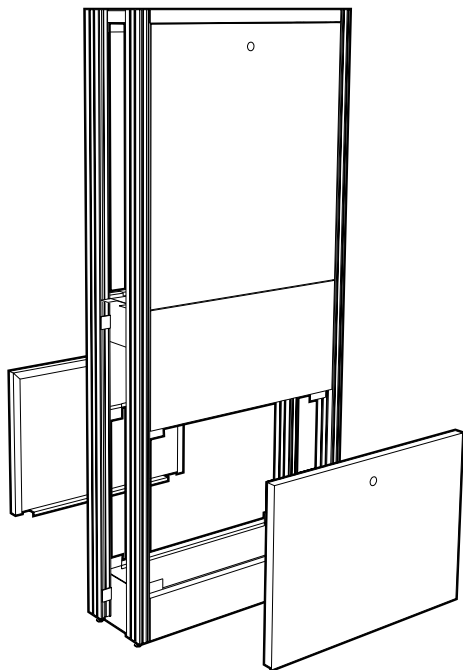
Service Riser Island Modules with Paneled Upper Carrier are the same as standard Service Riser Island Modules; except, they are furnished with easy to remove panels to close off the area between the upper carrier uprights. They may be used as a service drop, to hide piping or tubing, or as a room divider.

When ordered with electric cutouts, 24" and 30" long modules have two single-gang electric box cutouts, all other sizes have three.

Each module furnished with hardware for attaching to adjacent modules.

Module Ledge is not required.

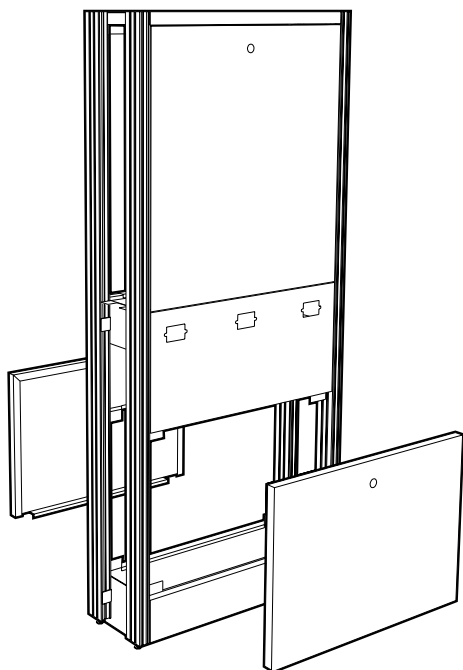
12" Deep Service Riser Island Module with Paneled Upper Carrier – 84" High



Length	with Lower Access Panels	without Lower Access Panels
24"	F37M471224N	F37N471224N
30"	F37M471230N	F37N471230N
36"	F37M471236N	F37N471236N
42"	F37M471242N	F37N471242N
48"	F37M471248N *	F37N471248N *
54"	F37M471254N *	F37N471254N *
60"	F37M471260N *	F37N471260N *
66"	F37M471266N *	F37N471266N *
72"	F37M471272N *	F37N471272N *

* Modules 48" long and over are provided with half-length removable panels.

12" Deep Service Riser Island Module with Electric Cutouts & Paneled Upper Carrier – 84" High

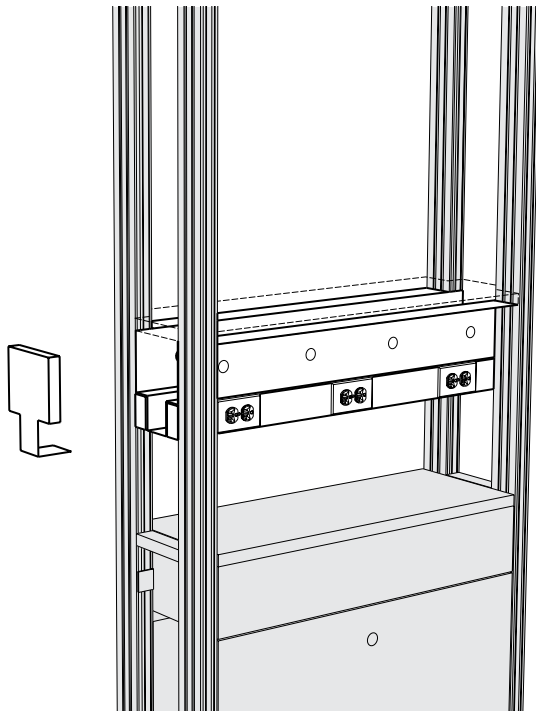


Length	with Lower Access Panels	without Lower Access Panels
24"	F37M471224E	F37N471224E
30"	F37M471230E	F37N471230E
36"	F37M471236E	F37N471236E
42"	F37M471242E	F37N471242E
48"	F37M471248E	F37N471248E
54"	F37M471254E *	F37N471254E *
60"	F37M471260E *	F37N471260E *
66"	F37M471266E *	F37N471266E *
72"	F37M471272E *	F37N471272E *

* Modules 48" long and over are provided with half-length removable panels.

Service Tunnels & Wire Raceways

Horizontal Service Tunnel

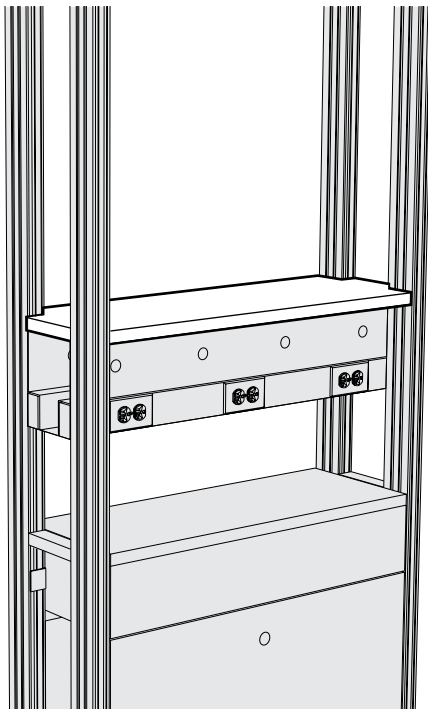


Length	Part Number	Duplex Outlets
24"	F44M120824N	4
30"	F44M120830N	4
36"	F44M120836N	6
42"	F44M120842N	6
48"	F44M120848N	6
54"	F44M120854N	6
60"	F44M120860N	6
66"	F44M120866N	6
72"	F44M120872N	6
End Cap	F44M080603N	

The Horizontal Service Tunnel combines a 6" deep by 8" high steel enclosure with two G-3000 wire raceways to form a horizontal tunnel that can handle most laboratory service needs. The enclosure allows service fittings to be mounted on either side or on the bottom while providing a 6" x 5" area to run piping. The wire raceways are provided with either two or three 120 volt AC duplex receptacles on each side. The top is designed to be closed with a Module Core Shelf or by adding Service Tunnel Enclosure Panels.

Horizontal Service Tunnels are for use with 12" Island Module Upper Carriers only.

Module Core Shelf for use with Service Tunnels, Manifolds, and Wire Raceways

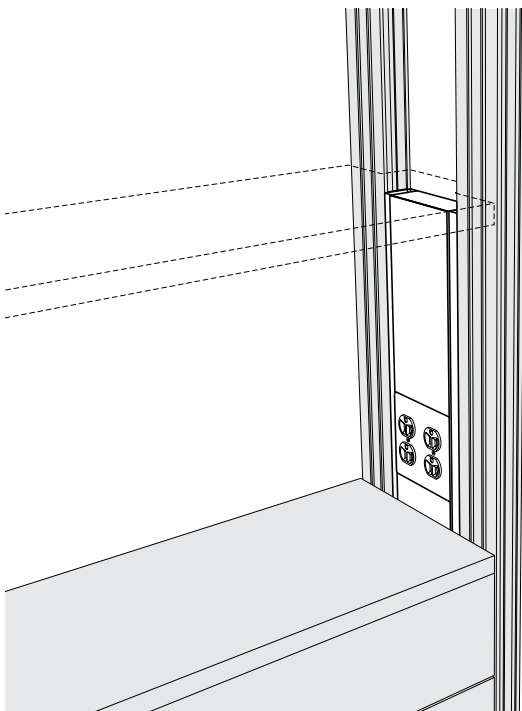


Length	Part Number
24"	F69M120124N
30"	F69M120130N
36"	F69M120136N
42"	F69M120142N
48"	F69M120148N
54"	F69M120154N
60"	F69M120160N
66"	F69M120166N
72"	F69M120172N

The Module Core Shelf may be used to close the top of a Horizontal Service Tunnel or be mounted on top of 18" high Vertical Wire Raceways or Vertical Service Manifolds. They are formed of 16 gauge cold rolled steel and are available in all module lengths.

Vertical Service Distribution

Vertical Wire Raceway



Height	Part Number	Duplex Outlets
18"	F43M180212N	2
38"	F43M380212N	4
48"	F43M480212N	4

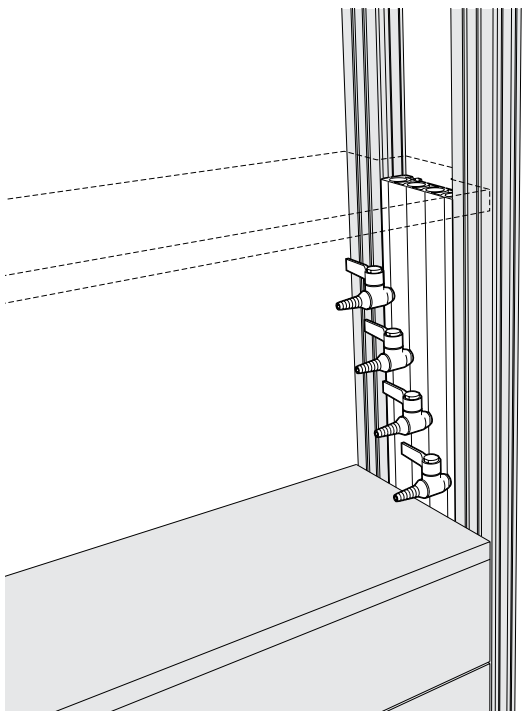
The Vertical Wire Raceway uses a G-4000 wire raceway to form an assembly that snaps into place between the uprights of Island Upper Carriers. The raceway is furnished with 120 volt AC duplex receptacles and is designed to connect to power from below.

Vertical Wire Raceways are available in three heights, 18" for use below a Module Core Shelf (as shown), 48" to run full height on a standard Upper Carrier and 38" for use with a Service Riser Upper Carrier.

The raceway may be divided to form two separate compartments to allow running power and communications cabling in the same assembly.

Vertical Wire Raceways are for use with 12" Island Module Upper Carriers only.

Vertical Service Manifold



Height	Part Number	Service Outlets
18"	F77M060218F	4
18"	F77M060218N	0 - No Outlets

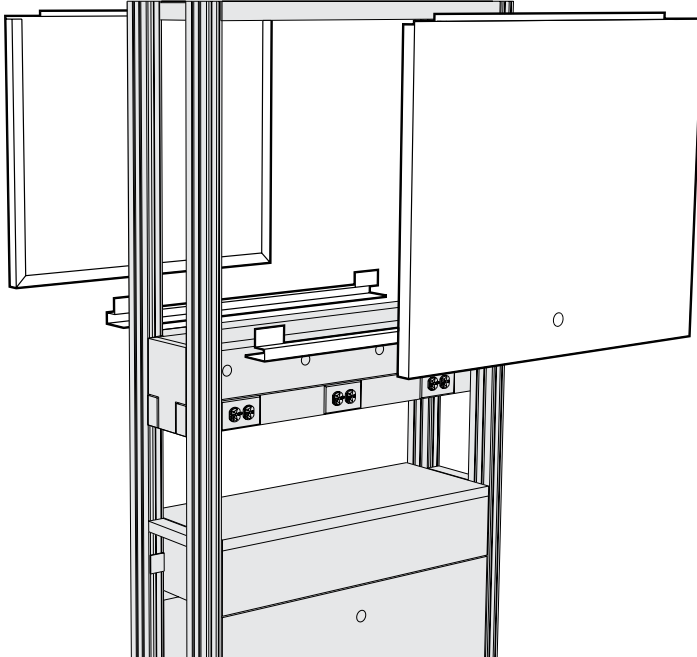
The Vertical Service Manifold is a one piece extruded aluminum assembly, designed to carry up to four separate services, that slides into place between the uprights of 12" Island Upper Carriers. It is furnished complete with four Laboratory Ball Valves. Services may be piped from either above or below. (Specify services required)

Vertical Service Manifolds are available in other lengths and configurations. Contact your Kewaunee sales representative for further information.

The Vertical Service Manifold is designed for use with 12" Island Module Upper Carriers only.

Enclosure Panels

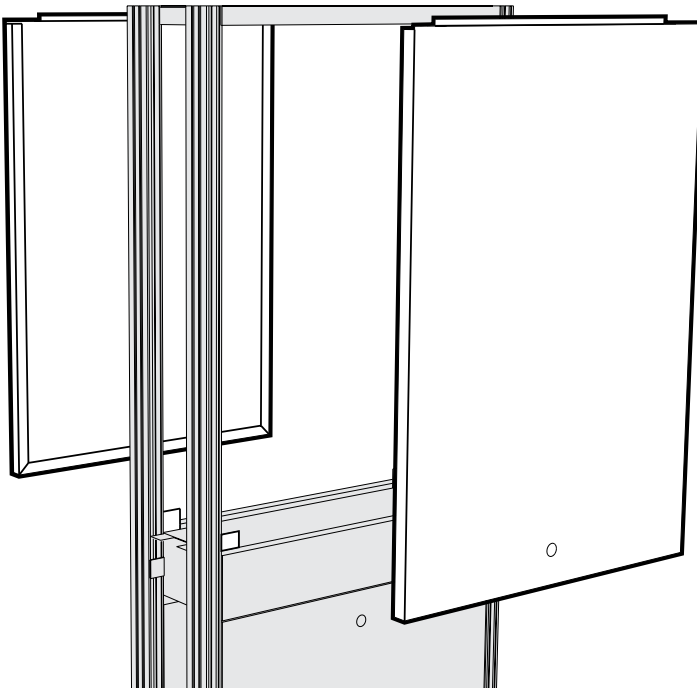
Upper Carrier Service Tunnel Enclosure Panels



Length	Part Number
24"	F78M300224N
30"	F78M300230N
36"	F78M300236N
42"	F78M300242N
48"	F78M300248N
54"	F78M300254N
60"	F78M300260N
66"	F78M300266N
72"	F78M300272N

Service Tunnel Panels enclose sides of the Upper Carrier above a Horizontal Service Tunnel to hide piping and wiring. Panels are fabricated of cold rolled steel. All necessary hardware is included.

Upper Carrier Enclosure Panels

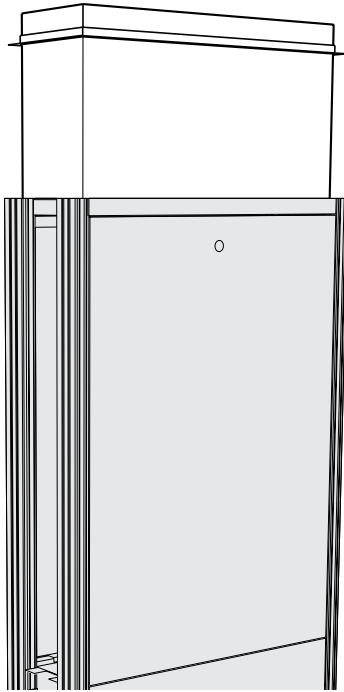


Length	Standard	Service Riser
24"	F78M480224N	F78M380224N
30"	F78M480230N	F78M380230N
36"	F78M480236N	F78M380236N
42"	F78M480242N	F78M380242N
48"	F78M480248N	F78M380248N
54"	F78M480254N	F78M380254N
60"	F78M480260N	F78M380260N
66"	F78M480266N	F78M380266N
72"	F78M480272N	F78M380272N

Upper Carrier Enclosure Panels may be used to convert an open Upper Carrier to Paneled Upper Carrier. Panels are fabricated of cold rolled steel. All necessary hardware is included.

Service Drop

Service Drop Enclosure



Height	Length	12" Island	6" Island	9" Wall Module
24"	24"	F45M240724N	F75M240224N	F46M240524N
24"	30"	F45M240730N	F75M240230N	F46M240530N
24"	36"	F45M240736N	F75M240236N	F46M240536N
24"	42"	F45M240742N	F75M240242N	F46M240542N
24"	48"	F45M240748N	F75M240248N	F46M240548N
36"	24"	F45M360724N	F75M360224N	F46M360524N
36"	30"	F45M360730N	F75M360230N	F46M360530N
36"	36"	F45M360736N	F75M360236N	F46M360536N
36"	42"	F45M360742N	F75M360242N	F46M360542N
36"	48"	F45M360748N	F75M360248N	F46M360548N
48"	24"	F45M480724N	F75M480224N	F46M480524N
48"	30"	F45M480730N	F75M480230N	F46M480530N
48"	36"	F45M480736N	F75M480236N	F46M480536N
48"	42"	F45M480742N	F75M480242N	F46M480542N
48"	48"	F45M480748N	F75M480248N	F46M480548N

Designed to fit inside the top frame on the Module Upper Carrier and hide piping, conduit and wiring routed from the ceiling. Fabricated of cold rolled steel panels. Furnished complete with angles for ceiling attachment.

Note: Field modification of Module Top Frame is required to accommodate service piping.

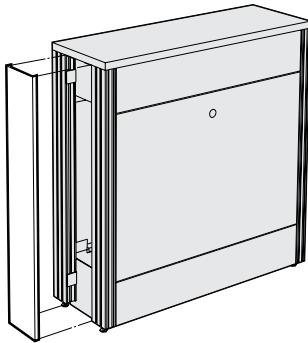
12" Island Structural Module Fillers

Specifications:

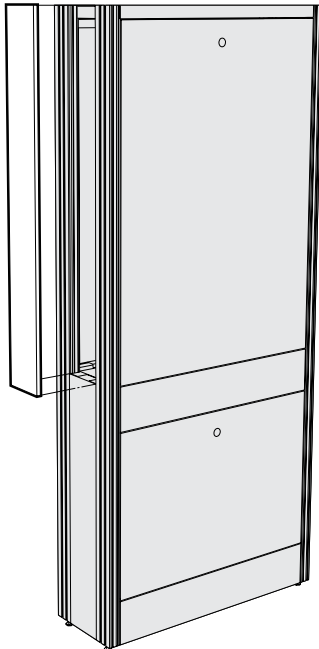
Island Module End Fillers are designed to close off the end of Island Modules to offer a more finished appearance. They are available in a variety of sizes that may be combined to cover the entire end of the assembly or just a portion.

Island Module End Fillers are provided with all required installation hardware.

12" Deep Island Module End Fillers



Height	Lower Filler
35"	F00M360112N
45"	F00M460112N



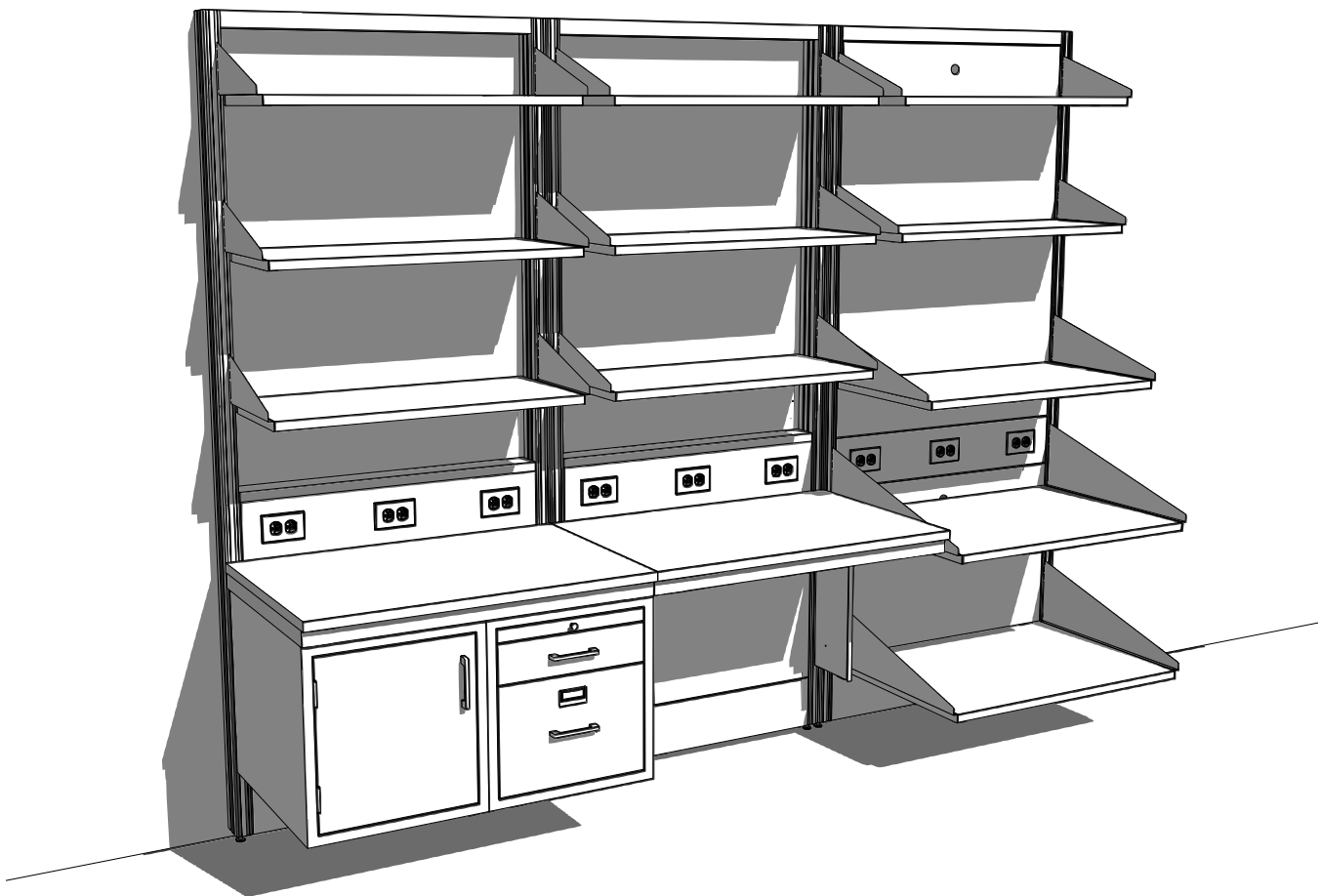
Height	Upper Filler
24"	F00M240112N
30"	F00M300112N
38"	F00M380112N
48"	F00M480112N

3" Wall Structural Modules

Features:

- 3" Wall Structural Modules provide support for a broad combination of accessories, including:
 - adjustable Worksurface frames
 - adjustable tables
 - hanging cabinets - upper and lower
 - floor mounted cabinets
 - adjustable shelving
 - lighting
 - electrical raceway
 - electrical drops
 - tackboards and markerboards
 - pegboards
- 3" Wall Structural Modules provide support where no plumbing services are required.
- System design allows shelving to be suspended both above and below the Worksurface.
- Easy and positive structural alignment and attachment to adjacent modules.
- Available with easy to remove access panels. May be ordered without access panels for use with floor mounted base cabinets.
- Provided with floor mounting bracket and anchors.

SEFA 10 | Class 5 – Configuration 1 – Category 2



3" Wall Structural Modules

Specifications:

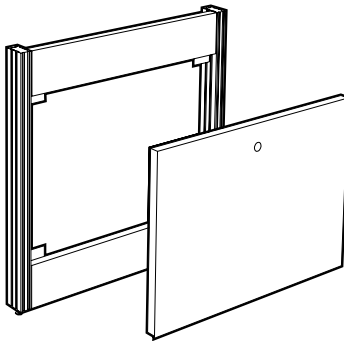
3" Wall Modules are 37" high, with Upper Carrier, 84" high. Both are 3" deep and available in lengths shown.

Modules are available with or without Access Panels. Order without when used with floor mounted base cabinets.

Each module is furnished with hardware for attaching adjacent modules. Wall anchors are not included.

Module Ledge must be ordered separately.

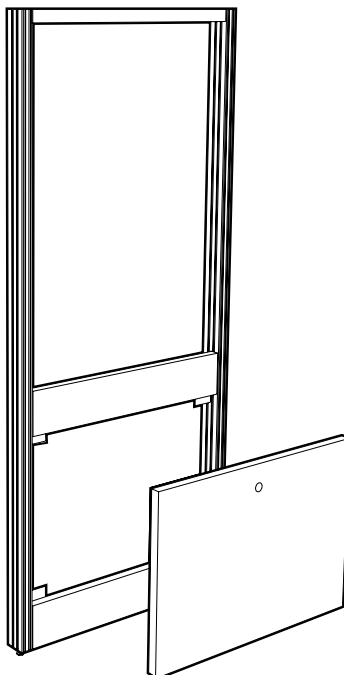
3" Deep Standard Wall Module – 37" High



Length	with Access Panel	without Access Panel
24"	F02M370324N	F02N370324N
30"	F02M370330N	F02N370330N
36"	F02M370336N	F02N370336N
42"	F02M370342N	F02N370342N
48"	F02M370348N *	F02N370348N
54"	F02M370354N *	F02N370354N
60"	F02M370360N *	F02N370360N
66"	F02M370366N *	F02N370366N
72"	F02M370372N *	F02N370372N

* Modules 48" long and over are provided with two half-length Access Panels.

3" Deep Standard Wall Module with Upper Carrier – 84" High



Length	with Access Panel	without Access Panel
24"	F32M370324N	F32N370324N
30"	F32M370330N	F32N370330N
36"	F32M370336N	F32N370336N
42"	F32M370342N	F32N370342N
48"	F32M370348N *	F32N370348N
54"	F32M370354N *	F32N370354N
60"	F32M370360N *	F32N370360N
66"	F32M370366N *	F32N370366N
72"	F32M370372N *	F32N370372N

* Modules 48" long and over are provided with two half-length Access Panels.

3" Wall Structural Modules

Specifications:

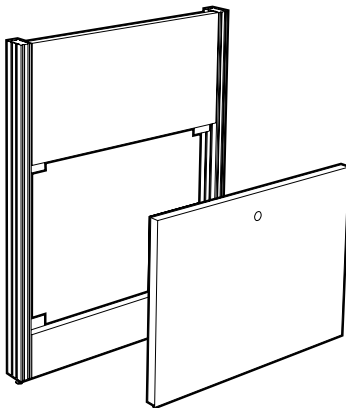
Service Riser Wall Modules are 47" high, with Upper Carrier, 84" high. Both are 3" deep and in lengths shown.

Modules are available with or without Access Panels. Order without when used with floor mounted base cabinets.

Each module furnished with hardware for attaching adjacent modules. Wall anchors are not included.

Module Ledge must be ordered separately.

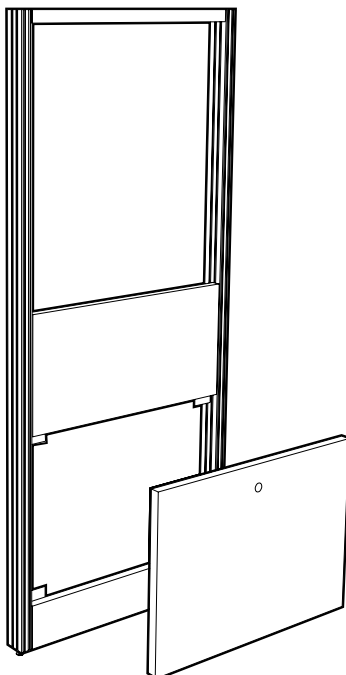
3" Deep Service Riser Wall Module – 47" High



Length	with Access Panel	without Access Panel
24"	F02M470324N	F02N470324N
30"	F02M470330N	F02N470330N
36"	F02M470336N	F02N470336N
42"	F02M470342N	F02N470342N
48"	F02M470348N *	F02N470348N
54"	F02M470354N *	F02N470354N
60"	F02M470360N *	F02N470360N
66"	F02M470366N *	F02N470366N
72"	F02M470372N *	F02N470372N

* Modules 48" long and over are provided with two half-length Access Panels.

3" Deep Service Riser Wall Module with Upper Carrier – 84" High



Length	with Access Panel	without Access Panel
24"	F32M470324N	F32N470324N
30"	F32M470330N	F32N470330N
36"	F32M470336N	F32N470336N
42"	F32M470342N	F32N470342N
48"	F32M470348N *	F32N470348N
54"	F32M470354N *	F32N470354N
60"	F32M470360N *	F32N470360N
66"	F32M470366N *	F32N470366N
72"	F32M470372N *	F32N470372N

* Modules 48" long and over are provided with two half-length Access Panels.

3" Wall Structural Modules

Specifications:

3" Wall Modules are 37" high, with Upper Carrier, 84" high. Both are 3" deep and available in lengths shown.

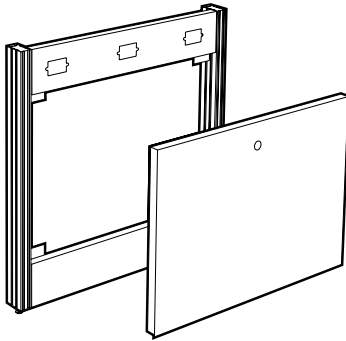
Modules are available with or without Access Panels. Order without when used with floor mounted base cabinets.

24" and 30" long modules have two single-gang electric box cutouts, all other sizes have three.

Each module is furnished with hardware for attaching adjacent modules. Wall anchors are not included.

Module Ledge must be ordered separately.

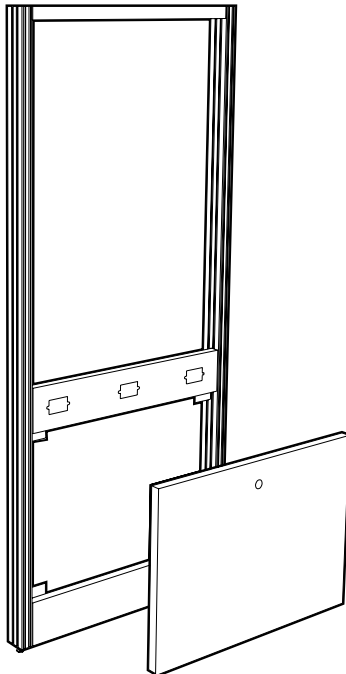
3" Deep Standard Wall Module with Electric Cutouts – 37" High



Length	with Access Panel	without Access Panel
24"	F02M370324E	F02N370324E
30"	F02M370330E	F02N370330E
36"	F02M370336E	F02N370336E
42"	F02M370342E	F02N370342E
48"	F02M370348E *	F02N370348E
54"	F02M370354E *	F02N370354E
60"	F02M370360E *	F02N370360E
66"	F02M370366E *	F02N370366E
72"	F02M370372E *	F02N370372E

* Modules 48" long and over are provided with two half-length Access Panels.

3" Deep Standard Wall Module with Electric Cutout & Upper Carrier – 84" High



Length	with Access Panel	without Access Panel
24"	F32M370324E	F32N370324E
30"	F32M370330E	F32N370330E
36"	F32M370336E	F32N370336E
42"	F32M370342E	F32N370342E
48"	F32M370348E *	F32N370348E
54"	F32M370354E *	F32N370354E
60"	F32M370360E *	F32N370360E
66"	F32M370366E *	F32N370366E
72"	F32M370372E *	F32N370372E

* Modules 48" long and over are provided with two half-length Access Panels.

3" Wall Structural Modules

Specifications:

Service Riser Wall Modules are 47" high, with Upper Carrier, 84" high. Both are 3" deep and in lengths shown.

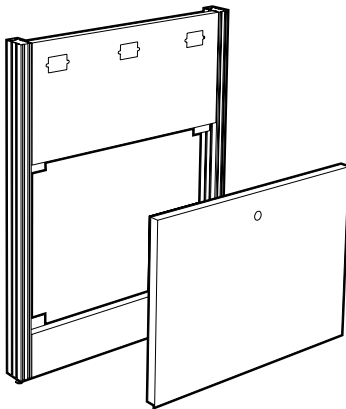
Modules are available with or without Access Panels. Order without when used with floor mounted base cabinets.

24" and 30" long modules have two single-gang electric box cutouts, all other sizes have three.

Each module furnished with hardware for attaching adjacent modules. Wall anchors are not included.

Module Ledge must be ordered separately.

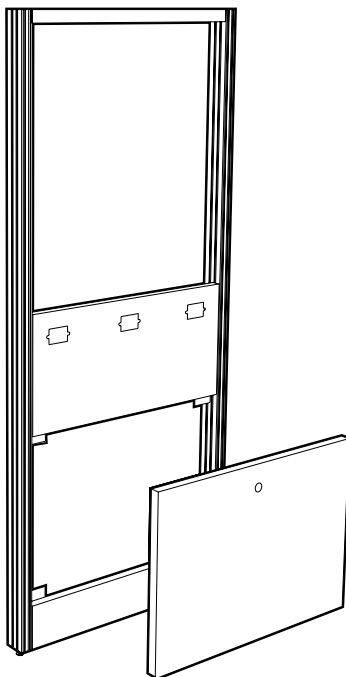
3" Deep Service Riser Wall Module with Electric Cutouts - 47" High



Length	with Access Panel	without Access Panel
24"	F02M470324E	F02N470324E
30"	F02M470330E	F02N470330E
36"	F02M470336E	F02N470336E
42"	F02M470342E	F02N470342E
48"	F02M470348E *	F02N470348E
54"	F02M470354E *	F02N470354E
60"	F02M470360E *	F02N470360E
66"	F02M470366E *	F02N470366E
72"	F02M470372E *	F02N470372E

* Modules 48" long and over are provided with two half-length Access Panels.

3" Deep Service Riser Wall Module with Electric Cutouts & Upper Carrier - 84" High



Length	with Access Panel	without Access Panel
24"	F32M470324E	F32N470324E
30"	F32M470330E	F32N470330E
36"	F32M470336E	F32N470336E
42"	F32M470342E	F32N470342E
48"	F32M470348E *	F32N470348E
54"	F32M470354E *	F32N470354E
60"	F32M470360E *	F32N470360E
66"	F32M470366E *	F32N470366E
72"	F32M470372E *	F32N470372E

* Modules 48" long and over are provided with two half-length Access Panels.

3" Wall Structural Modules

Specifications:

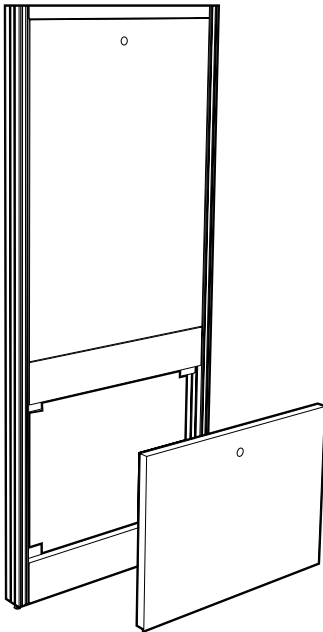
3" Wall Modules with Paneled Upper Carrier are the same as standard 3" Wall Modules; except, they are furnished with an easy to remove panel to close off the area between the Upper Carrier uprights.

When ordered with electric cutouts, 24" and 30" long modules have two single-gang electric box cutouts, all other sizes have three.

Each module furnished with hardware for attaching adjacent modules. Wall anchors are not included.

Module Ledge is not required.

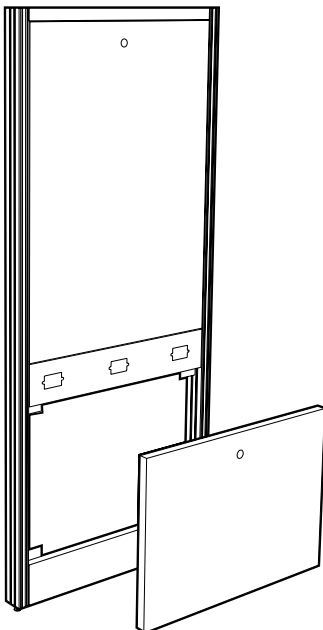
3" Deep Standard Wall Module with Paneled Upper Carrier – 84" High



Length	with Lower Access Panel	without Lower Access Panel
24"	F33M370324N	F33N370324N
30"	F33M370330N	F33N370330N
36"	F33M370336N	F33N370336N
42"	F33M370342N	F33N370342N
48"	F33M370348N *	F33N370348N *
54"	F33M370354N *	F33N370354N *
60"	F33M370360N *	F33N370360N *
66"	F33M370366N *	F33N370366N *
72"	F33M370372N *	F33N370372N *

* Modules 48" long and over are provided with half-length removable panels.

3" Deep Standard Wall Module with Electric Cutouts & Paneled Upper Carrier – 84" High



Length	with Lower Access Panel	without Lower Access Panel
24"	F33M370324E	F33N370324E
30"	F33M370330E	F33N370330E
36"	F33M370336E	F33N370336E
42"	F33M370342E	F33N370342E
48"	F33M370348E *	F33N370348E *
54"	F33M370354E *	F33N370354E *
60"	F33M370360E *	F33N370360E *
66"	F33M370366E *	F33N370366E *
72"	F33M370372E *	F33N370372E *

* Modules 48" long and over are provided with half-length removable panels.

3" Wall Structural Modules

Specifications:

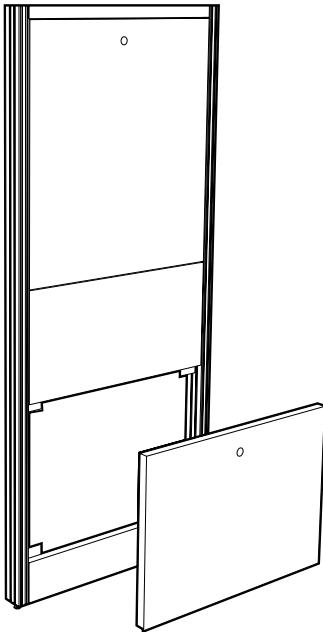
Service Riser Wall Modules with Paneled Upper Carrier are the same as standard Service Riser Wall Modules; except, they are furnished with an easy to remove panel to close off the area between the Upper Carrier uprights.

When ordered with electric cutouts, 24" and 30" long modules have two single-gang electric box cutouts, all other sizes have three.

Each module furnished with hardware for attaching adjacent modules. Wall anchors are not included.

Module Ledge is not required.

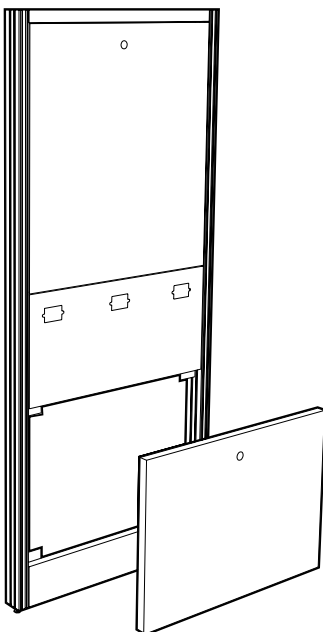
3" Deep Service Riser Wall Module with Paneled Upper Carrier – 84" High



Length	with Lower Access Panel	without Lower Access Panel
24"	F33M470324N	F33N470324N
30"	F33M470330N	F33N470330N
36"	F33M470336N	F33N470336N
42"	F33M470342N	F33N470342N
48"	F33M470348N *	F33N470348N *
54"	F33M470354N *	F33N470354N *
60"	F33M470360N *	F33N470360N *
66"	F33M470366N *	F33N470366N *
72"	F33M470372N *	F33N470372N *

* Modules 48" long and over are provided with half-length removable panels.

3" Deep Service Riser Wall Module with Electric Cutouts & Paneled Upper Carrier – 84" High



Length	with Lower Access Panel	without Lower Access Panel
24"	F33M470324E	F33N470324E
30"	F33M470330E	F33N470330E
36"	F33M470336E	F33N470336E
42"	F33M470342E	F33N470342E
48"	F33M470348E *	F33N470348E *
54"	F33M470354E *	F33N470354E *
60"	F33M470360E *	F33N470360E *
66"	F33M470366E *	F33N470366E *
72"	F33M470372E *	F33N470372E *

* Modules 48" long and over are provided with half-length removable panels.

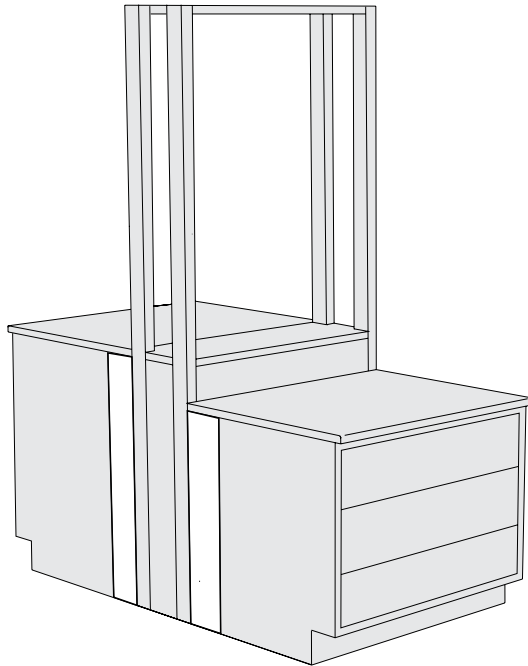
Fixed Cabinetry Attachment

Specifications:

The Fixed Furniture Attachment Kit allows Wall or Island Structural Modules to be solidly fastened to Floor Mounted Base Cabinets. This assembly provides support for the Structural Module and Upper Carrier when it is impractical or undesirable to anchor the Structural Module to the wall or floor.

The kit includes bracing, a pair of steel filler panels, and attachment hardware.

Kit for Attaching Fixed Furniture to Structural Modules



Kit for 30" Deep Worksurface Tops

Height	Part Number
31"	F09M310207N
37"	F09M370207N

Kit for 24" Deep Worksurface Tops

Height	Part Number
31"	F09M310201N
37"	F09M370201N

9" Wall Structural Modules

Features:

- 9" Wall Structural Modules provide support for a wide combination of accessories, including:
 - adjustable Worksurface frames
 - adjustable tables
 - hanging cabinets - upper and lower
 - floor mounted cabinets
 - adjustable shelving
 - lighting
 - electrical and plumbing raceway
 - service drops
 - tackboards and markerboards
 - pegboards
- 9" Wall Structural Modules provide 6" of service space and are built to receive standard pipe hangers for ease of installing service piping and electrical conduit.
- System design allows shelving to be suspended both above and below the Worksurface.
- Easy and positive structural alignment and attachment to adjacent modules.
- Available with easy to remove access panels. May be ordered without access panels for use with floor mounted base cabinets.

SEFA 10 | Class 4 – Configuration 1 – Category 2



9" Wall Structural Modules

Specifications:

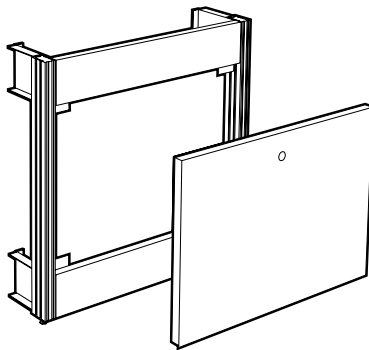
9" Wall Modules are 37" high, with Upper Carrier, 84" high. Both are 9" deep and available in lengths shown.

Modules are available with or without Access Panels. Order without when used with floor mounted base cabinets.

Each module is furnished with hardware for attaching adjacent modules. Wall anchors are not included.

Module Ledge must be ordered separately.

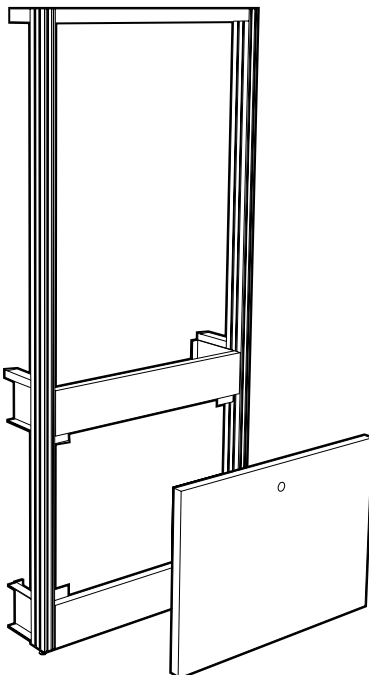
9" Deep Standard Wall Module – 37" High



Length	with Access Panel	without Access Panel
24"	F04M370924N	F04N370924N
30"	F04M370930N	F04N370930N
36"	F04M370936N	F04N370936N
42"	F04M370942N	F04N370942N
48"	F04M370948N *	F04N370948N
54"	F04M370954N *	F04N370954N
60"	F04M370960N *	F04N370960N
66"	F04M370966N *	F04N370966N
72"	F04M370972N *	F04N370972N

* Modules 48" long and over are provided with two half-length Access Panels.

9" Deep Standard Wall Module with Upper Carrier – 84" High



Length	with Access Panel	without Access Panel
24"	F34M370924N	F34N370924N
30"	F34M370930N	F34N370930N
36"	F34M370936N	F34N370936N
42"	F34M370942N	F34N370942N
48"	F34M370948N *	F34N370948N
54"	F34M370954N *	F34N370954N
60"	F34M370960N *	F34N370960N
66"	F34M370966N *	F34N370966N
72"	F34M370972N *	F34N370972N

* Modules 48" long and over are provided with two half-length Access Panels.

9" Wall Structural Modules

Specifications:

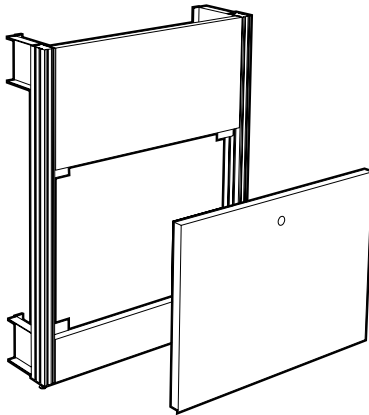
Service Riser Wall Modules are 47" high, with Upper Carrier, 84" high. Both are 9" deep and in lengths shown.

Modules are available with or without Access Panels. Order without when used with floor mounted base cabinets.

Each module is furnished with hardware for attaching adjacent modules. Wall anchors are not included.

Module Ledge must be ordered separately.

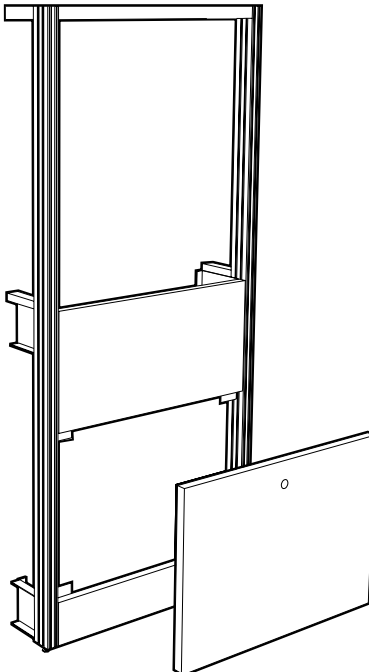
9" Deep Service Riser Wall Module – 47" High



Length	with Access Panel	without Access Panel
24"	F04M470924N	F04N470924N
30"	F04M470930N	F04N470930N
36"	F04M470936N	F04N470936N
42"	F04M470942N	F04N470942N
48"	F04M470948N *	F04N470948N
54"	F04M470954N *	F04N470954N
60"	F04M470960N *	F04N470960N
66"	F04M470966N *	F04N470966N
72"	F04M470972N *	F04N470972N

* Modules 48" long and over are provided with two half-length Access Panels.

9" Deep Service Riser Wall Module with Upper Carrier – 84" High



Length	with Access Panel	without Access Panel
24"	F34M470924N	F34N470924N
30"	F34M470930N	F34N470930N
36"	F34M470936N	F34N470936N
42"	F34M470942N	F34N470942N
48"	F34M470948N *	F34N470948N
54"	F34M470954N *	F34N470954N
60"	F34M470960N *	F34N470960N
66"	F34M470966N *	F34N470966N
72"	F34M470972N *	F34N470972N

* Modules 48" long and over are provided with two half-length Access Panels.

9" Wall Structural Modules

Specifications:

9" Wall Modules are 37" high, with Upper Carrier, 84" high. Both are 9" deep and available in lengths shown.

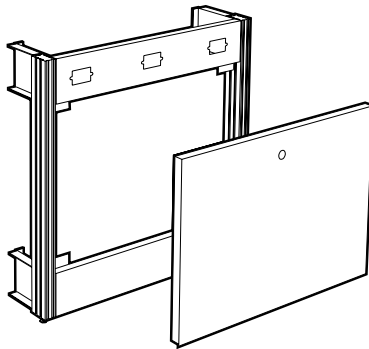
Modules are available with or without Access Panels. Order without when used with floor mounted base cabinets.

24" and 30" long modules have two single-gang electric box cutouts, all other sizes have three.

Each module is furnished with hardware for attaching adjacent modules. Wall anchors are not included.

Module Ledge must be ordered separately.

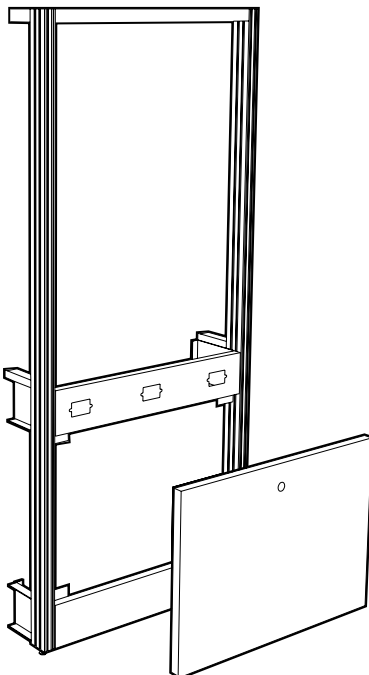
9" Deep Standard Wall Module with Electric Cutouts – 37" High



Length	with Access Panel	without Access Panel
24"	F04M370924E	F04N370924E
30"	F04M370930E	F04N370930E
36"	F04M370936E	F04N370936E
42"	F04M370942E	F04N370942E
48"	F04M370948E *	F04N370948E
54"	F04M370954E *	F04N370954E
60"	F04M370960E *	F04N370960E
66"	F04M370966E *	F04N370966E
72"	F04M370972E *	F04N370972E

* Modules 48" long and over are provided with two half-length Access Panels.

9" Deep Standard Wall Module with Electric Cutouts & Upper Carrier – 84" High



Length	with Access Panel	without Access Panel
24"	F34M370924E	F34N370924E
30"	F34M370930E	F34N370930E
36"	F34M370936E	F34N370936E
42"	F34M370942E	F34N370942E
48"	F34M370948E *	F34N370948E
54"	F34M370954E *	F34N370954E
60"	F34M370960E *	F34N370960E
66"	F34M370966E *	F34N370966E
72"	F34M370972E *	F34N370972E

* Modules 48" long and over are provided with two half-length Access Panels.

9" Wall Structural Modules

Specifications:

Service Riser Wall Modules are 47" high, with Upper Carrier, 84" high. Both are 9" deep and in lengths shown.

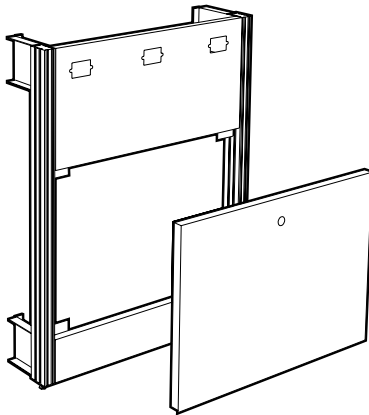
Modules are available with or without Access Panels. Order without when used with floor mounted base cabinets.

24" and 30" long modules have two single-gang electric box cutouts, all other sizes have three.

Each module is furnished with hardware for attaching adjacent modules. Wall anchors are not included.

Module Ledge must be ordered separately.

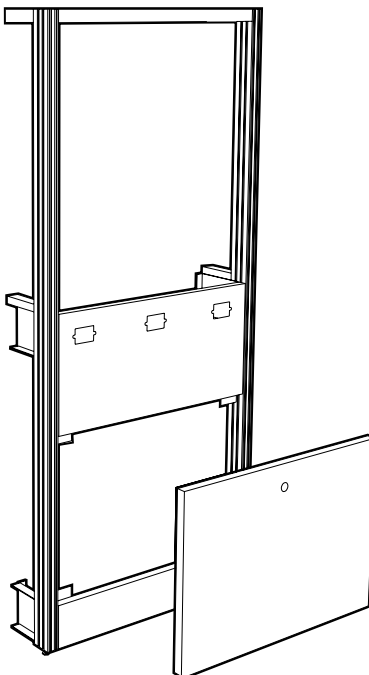
9" Deep Service Riser Wall Module with Electric Cutouts - 47" High



Length	with Access Panel	without Access Panel
24"	F04M470924E	F04N470924E
30"	F04M470930E	F04N470930E
36"	F04M470936E	F04N470936E
42"	F04M470942E	F04N470942E
48"	F04M470948E *	F04N470948E
54"	F04M470954E *	F04N470954E
60"	F04M470960E *	F04N470960E
66"	F04M470966E *	F04N470966E
72"	F04M470972E *	F04N470972E

* Modules 48" long and over are provided with two half-length Access Panels.

9" Deep Service Riser Wall Module with Electric Cutouts & Upper Carrier - 84" High



Length	with Access Panel	without Access Panel
24"	F34M470924E	F34N470924E
30"	F34M470930E	F34N470930E
36"	F34M470936E	F34N470936E
42"	F34M470942E	F34N470942E
48"	F34M470948E *	F34N470948E
54"	F34M470954E *	F34N470954E
60"	F34M470960E *	F34N470960E
66"	F34M470966E *	F34N470966E
72"	F34M470972E *	F34N470972E

* Modules 48" long and over are provided with two half-length Access Panels.

9" Wall Structural Modules

Specifications:

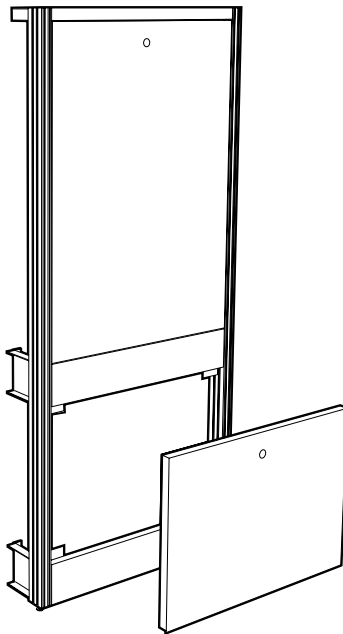
9" Wall Modules with Paneled Upper Carrier are the same as standard 9" Wall Modules; except, they are furnished with an easy to remove panel to close off the area between the upper carrier uprights.

When ordered with electric cutouts, 24" and 30" long modules have two single-gang electric box cutouts, all other sizes have three.

Each module is furnished with hardware for attaching to adjacent modules. Wall anchors are not included.

Module Ledge is not required.

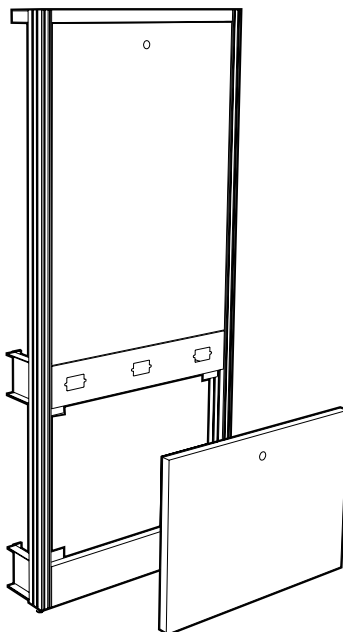
9" Deep Standard Wall Module with Paneled Upper Carrier – 84" High



Length	with Lower Access Panel	without Lower Access Panel
24"	F35M370924N	F35N370924N
30"	F35M370930N	F35N370930N
36"	F35M370936N	F35N370936N
42"	F35M370942N	F35N370942N
48"	F35M370948N *	F35N370948N *
54"	F35M370954N *	F35N370954N *
60"	F35M370960N *	F35N370960N *
66"	F35M370966N *	F35N370966N *
72"	F35M370972N *	F35N370972N *

* Modules 48" long and over are provided with half-length removable panels.

9" Deep Standard Wall Module with Electric Cutouts & Paneled Upper Carrier – 84" High



Length	with Lower Access Panel	without Lower Access Panel
24"	F35M370924E	F35N370924E
30"	F35M370930E	F35N370930E
36"	F35M370936E	F35N370936E
42"	F35M370942E	F35N370942E
48"	F35M370948E *	F35N370948E *
54"	F35M370954E *	F35N370954E *
60"	F35M370960E *	F35N370960E *
66"	F35M370966E *	F35N370966E *
72"	F35M370972E *	F35N370972E *

* Modules 48" long and over are provided with half-length removable panels.

9" Wall Structural Modules

Specifications:

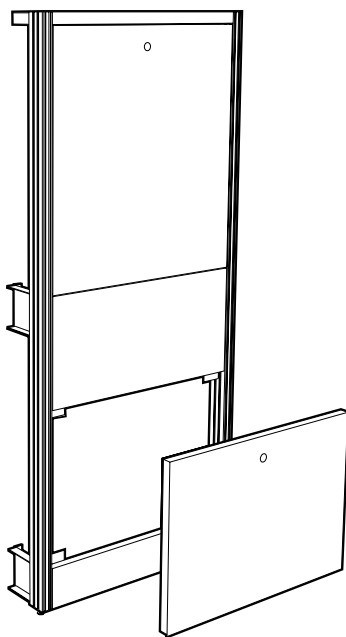
Service Riser Wall Modules with Paneled Upper Carrier are the same as standard Service Riser Wall Modules; except, they are furnished with an easy to remove panel to close off the area between the upper carrier uprights.

When ordered with electric cutouts, 24" and 30" long modules have two single-gang electric box cutouts, all other sizes have three.

Each module is furnished with hardware for attaching to adjacent modules. Wall anchors are not included.

Module Ledge is not required.

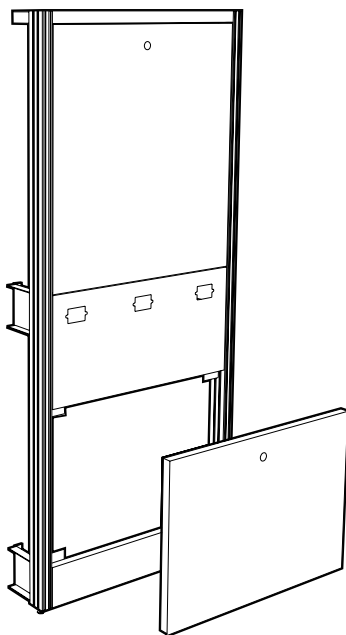
9" Deep Service Riser Wall Module with Paneled Upper Carrier – 84" High



Length	with Lower Access Panel	without Lower Access Panel
24"	F35M470924N	F35N470924N
30"	F35M470930N	F35N470930N
36"	F35M470936N	F35N470936N
42"	F35M470942N	F35N470942N
48"	F35M470948N *	F35N470948N *
54"	F35M470954N *	F35N470954N *
60"	F35M470960N *	F35N470960N *
66"	F35M470966N *	F35N470966N *
72"	F35M470972N *	F35N470972N *

* Modules 48" long and over are provided with half-length removable panels.

9" Deep Service Riser Wall Module with Electric Cutouts & Paneled Upper Carrier – 84" High



Length	with Lower Access Panel	without Lower Access Panel
24"	F35M470924E	F35N470924E
30"	F35M470930E	F35N470930E
36"	F35M470936E	F35N470936E
42"	F35M470942E	F35N470942E
48"	F35M470948E *	F35N470948E *
54"	F35M470954E *	F35N470954E *
60"	F35M470960E *	F35N470960E *
66"	F35M470966E *	F35N470966E *
72"	F35M470972E *	F35N470972E *

* Modules 48" long and over are provided with half-length removable panels.

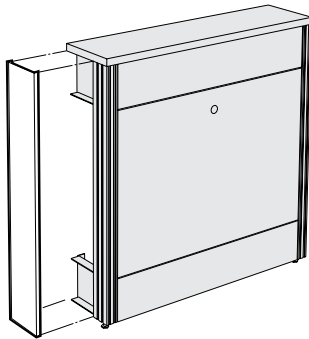
9" Wall Structural Modules

Specifications:

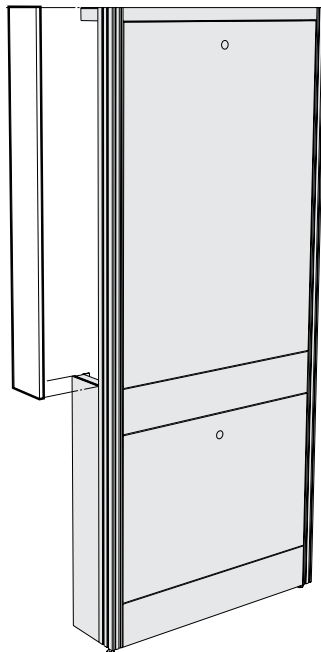
Wall Module End Fillers are designed to close off the end of Wall Modules to offer a more finished appearance. They are available in a variety of sizes that may be combined to cover the entire end of the assembly or just a portion.

Wall Module End Fillers are provided with all required installation hardware.

9" Deep Wall Module End Fillers



Height	Lower Filler
35"	F00M360109N
45"	F00M460109N



Height	Upper Filler
24"	F00M240109N
30"	F00M300109N
38"	F00M380109N
48"	F00M480109N

Add-On Fixed Furniture Upper Carriers

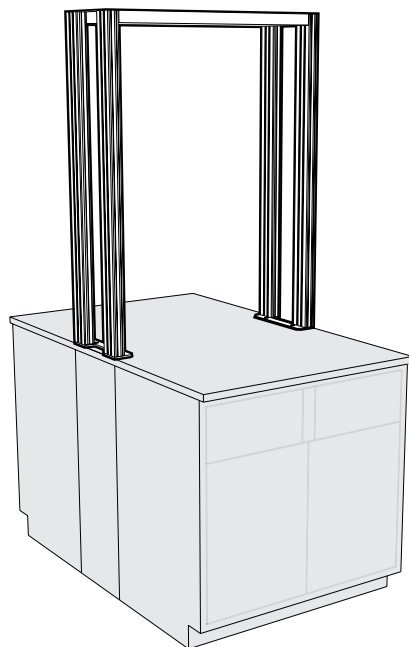
Specifications:

Add-on Fixed Furniture Upper Carriers are designed to add Upper Carriers to existing floor mounted center benches. Each assembly consists of upright extensions and a top frame. They are 12" deep with four upright extensions.

Each assembly is furnished with mounting brackets but no fastener. Fasteners must be furnished in field depending on top material.

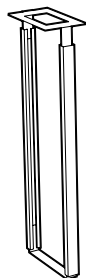
Upper Carrier Support Struts are especially designed to provide added support to the upper carriers while allowing space for connection of plumbing or electrical connections.

12" Deep Fixed Furniture Upper Carrier



Length	Part Number
24"	F17N481224N
30"	F17N481230N
36"	F17N481236N
42"	F17N481242N
48"	F17N481248N
54"	F17N481254N
60"	F17N481260N
66"	F17N481266N
72"	F17N481272N

Upper Carrier Support Strut



Width	Part Number
12"	K17M360112N
14"	K17M360114N

Corner & Peninsula Column Modules

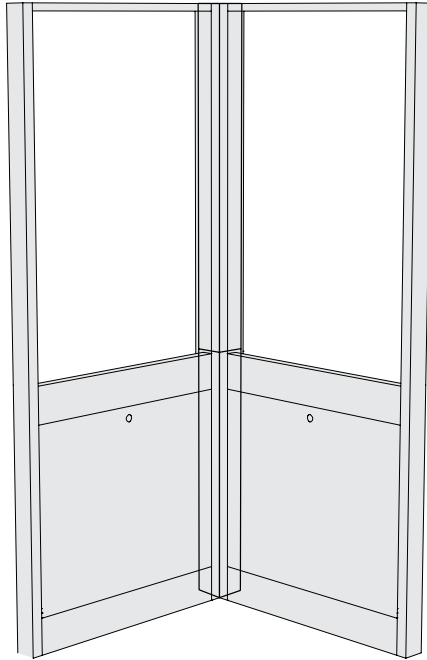
Specifications:

Corner and Peninsula Column Modules allow multiple configurations of Island and Wall Structural Modules to form a variety of assemblies. In addition they may be used as a plumbing or electrical drop.

The Column Modules are available in heights to match the Structural Modules. Each module is furnished with removable access panels and attachment hardware.

Module Ledge must be ordered separately.

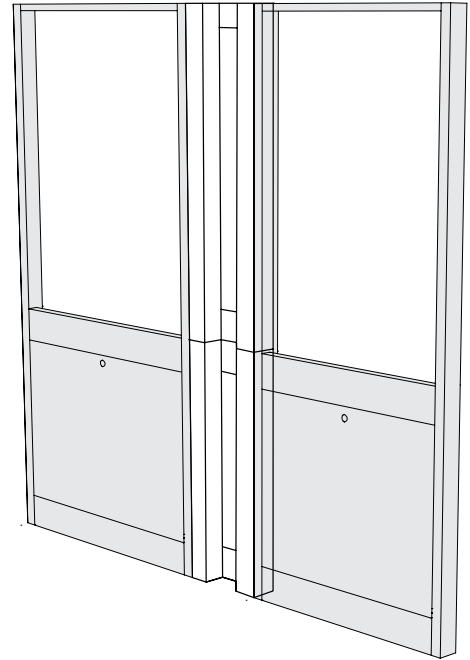
3" Deep Wall Inside Corner Column



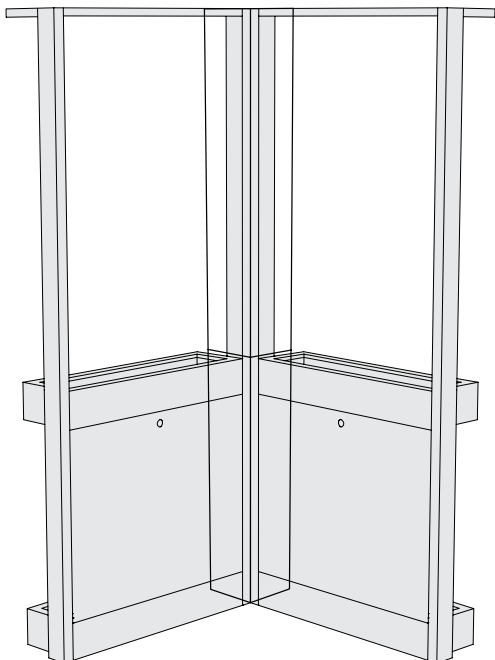
Inside Corner Column	
Height	Part Number
36"	F41M360303N
38"	F41M380303N
46"	F41M460303N
48"	F41M480303N

Peninsula Column	
Height	Part Number
36"	F42M360312N
38"	F42M380312N
46"	F42M460312N
48"	F42M480312N

3" Deep Wall Peninsula Corner Column



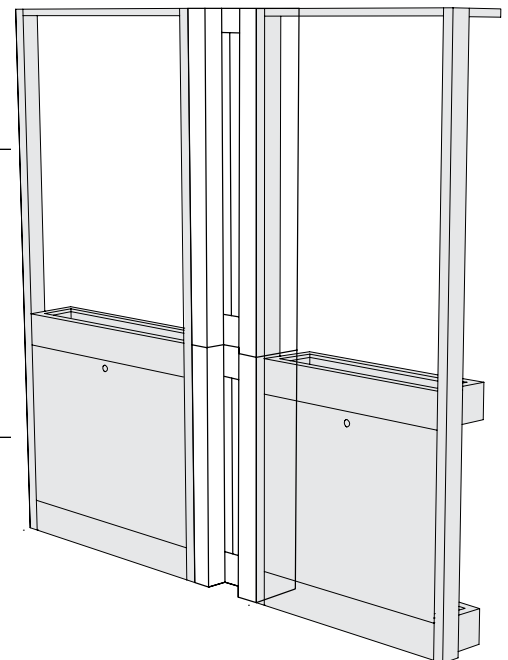
9" Deep Wall Inside Corner Column



Inside Corner Column	
Height	Part Number
36"	F41M360909N
38"	F41M380909N
46"	F41M460909N
48"	F41M480909N

Peninsula Column	
Height	Part Number
36"	F42M360912N
38"	F42M380912N
46"	F42M460912N
48"	F42M480912N

9" Deep Wall Peninsula Corner Column



Corner & Peninsula Column Modules

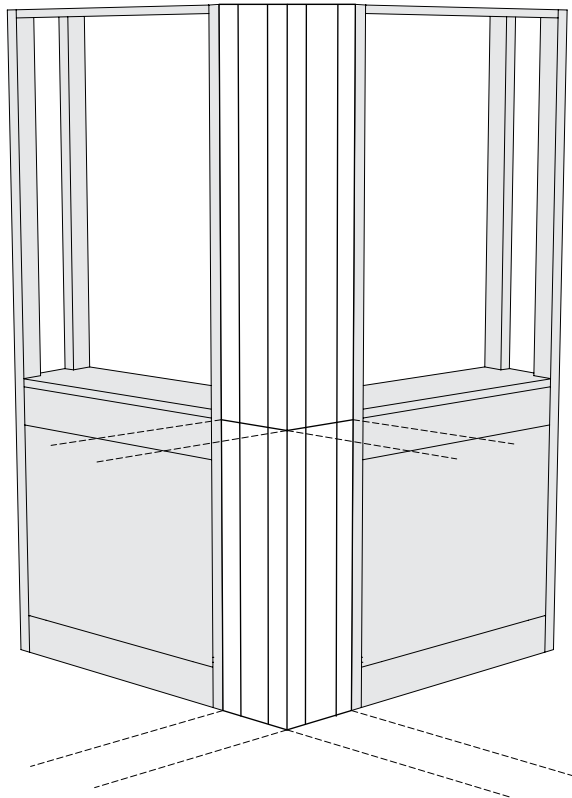
Specifications:

Corner and Peninsula Column Modules allow multiple configurations of Island and Wall Structural Modules to form a variety of assemblies. In addition they may be used as a plumbing or electrical drop.

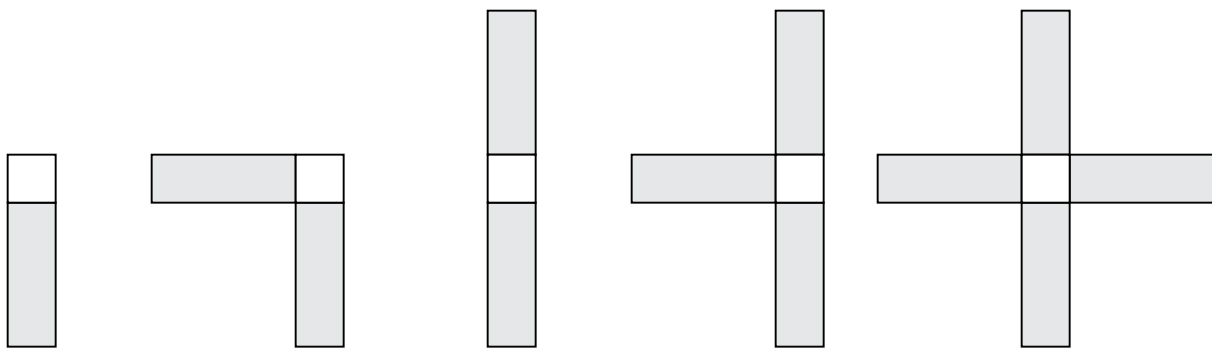
The Column Modules are available in heights to match the Structural Modules. Each module is furnished with removable access panels and attachment hardware.

Module Ledge must be ordered separately.

12" Island Corner Column



Height	Part Number
36"	F40M361212N
38"	F40M381212N
46"	F40M461212N
48"	F40M481212N

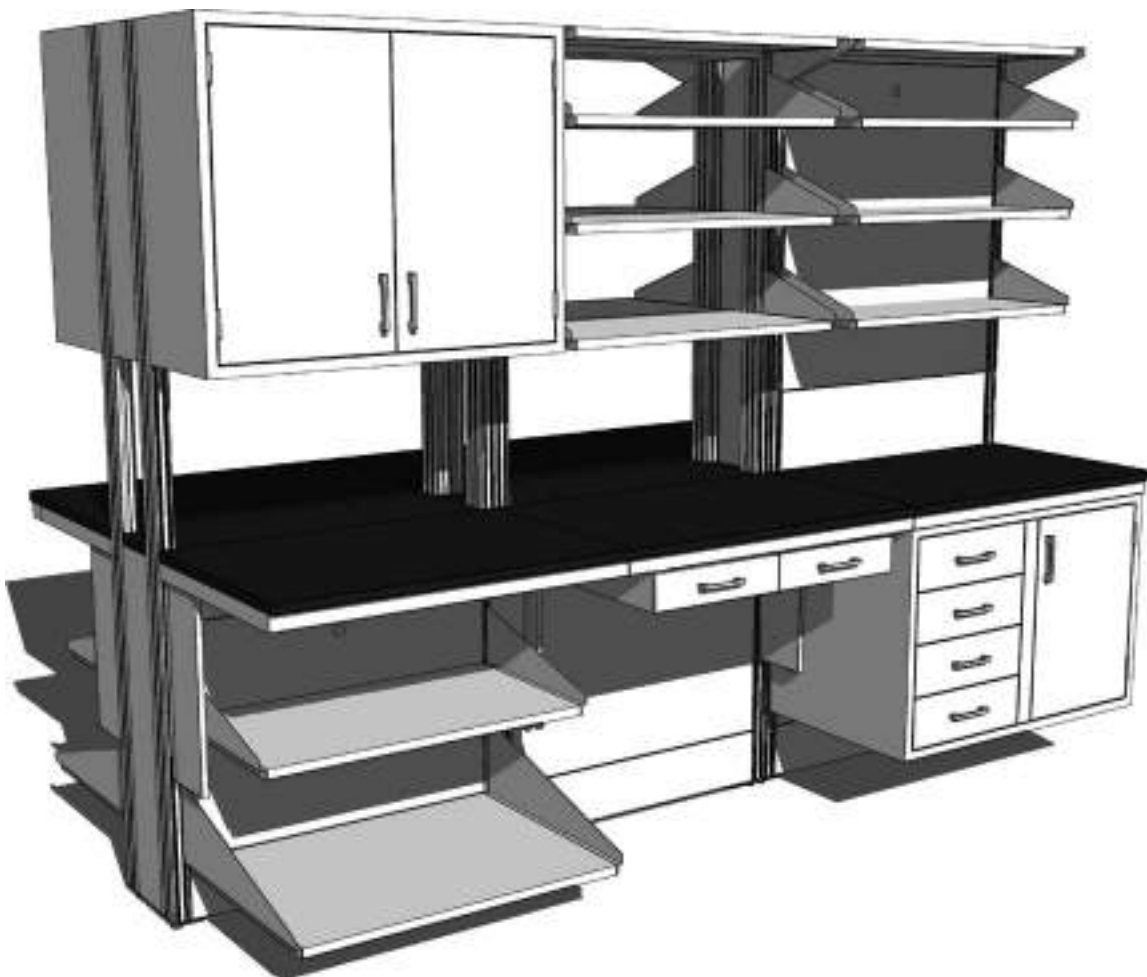


Possible Alpha System Assembly configurations using Island Corner Column Modules

Shelving - Worksurface & Table Frames

Features:

- Adjustable Module Shelving
 - available in five depths
 - available in steel, wood, and phenolic resin
 - available with and without retaining lips
 - adjustable on 1" increments
 - may be mounted above or below Worksurface frames
- Adjustable Core Shelving
 - infinitely height adjustable
 - available in steel only
- Adjustable Height Cantilevered Worksurface Frame
 - supports Worksurface Top and Suspended Base Cabinets
 - fabricated of 1½" steel channels
 - easily positioned on 1" increments
- Adjustable Height Mobile Table Frame



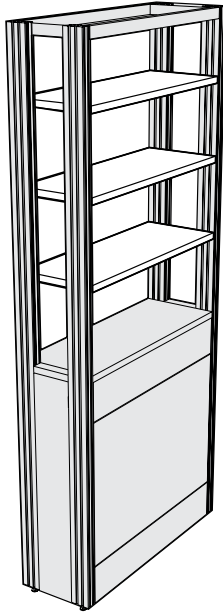
Adjustable Module Shelving

Specifications:

Upper Carrier Module Adjustable Core Shelves are formed of 16 gauge cold rolled steel. They are supported by four Support Clips that engage the side slots on the Module Uprights making the shelves infinitely adjustable. Available for 12" Island Module Upper Carriers only.

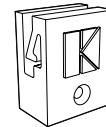
Adjustable Top Shelves are formed of 16 gauge cold rolled steel and are supported from below by 11 gauge steel brackets that engage the outer slot of the double slotted Structure Module Upright. Designed to be used at the top of the Module Upper Carrier.

Upper Carrier Module Adjustable Core Shelves



Length	Core Shelf
24"	F29M011224N
30"	F29M011230N
36"	F29M011236N
42"	F29M011242N
48"	F29M011248N
54"	F29M011254N
60"	F29M011260N
66"	F29M011266N
72"	F29M011272N

Core Shelf Support Clip

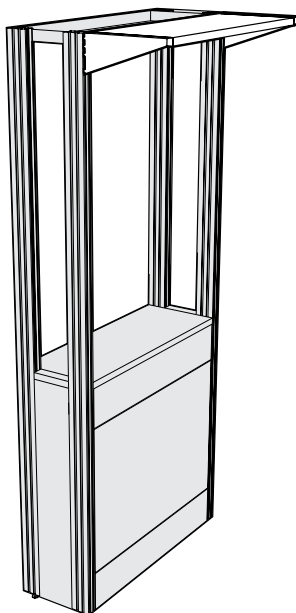


F69C020101N pair

May also be used to add support to Pass-Thru Shelves. Furnished in pairs with bolt and nut to attach to side slots in Module Uprights.

Furnished standard with Upper Carrier Module Adjustable Core Shelves.

Upper Carriers Module Adjustable Top Shelves



	Length	Painted Steel
9" DEEP SHELF 9" Deep Bracket	24"	F28M040924N
	30"	F28M040930N
	36"	F28M040936N
	42"	F28M040942N
	48"	F28M040948N
	54"	F28M040954N
	60"	F28M040960N
	66"	F28M040966N
	72"	F28M040972N
12" DEEP SHELF 12" Deep Bracket	24"	F28M051224N
	30"	F28M051230N
	36"	F28M051236N
	42"	F28M051242N
	48"	F28M051248N
	54"	F28M051254N
	60"	F28M051260N
	66"	F28M051266N
	72"	F28M051272N

To specify Veneer Plywood Species replace blank at end of part number with number that indicates material required.

Veneer Plywood Material Options

- | | | |
|------------------------|-----------------------------|-------------------------------|
| 1 = Red Oak | 5 = FSC® Red Oak | 7 = Steamed Beech |
| 2 = White Maple | 6 = FSC® White Maple | 8 = FSC® Steamed Beech |

Adjustable Module Shelf Assembly

Specifications:

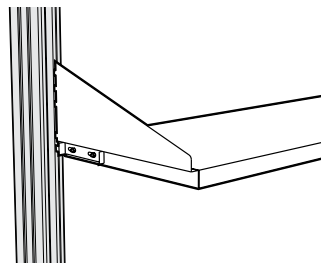
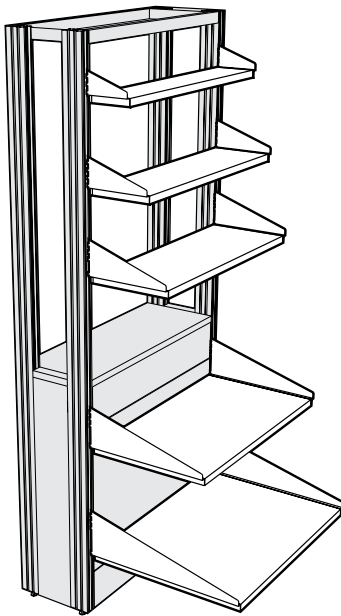
Adjustable Module Shelf Assemblies consist of a pair of 11 gauge steel Shelf Brackets and a Shelf. The Shelf Bracket engages the inner slot of the double slotted Structural Module Upright and is adjustable on 1" centers. Shelves are available in Painted Steel, Veneer Plywood, or Phenolic Resin.

Painted Steel Shelves – 1" thick, formed from 16 gauge cold rolled steel.

Veneer Plywood Shelves – 1" thick hardwood plywood with matching veneer on all exposed surfaces.

Phenolic Resin – 1" thick black phenolic resin.

Open Front Adjustable Module Shelves



Optional Shelf Locking Tab

Sliding tab mounted on Shelf Bracket locks Shelf into Module Upright to keep it from being accidentally removed.

To specify, add an **-K** to the end of the Shelf Assembly part number.

Example: **F21M051236N-K**

	Length	Painted Steel	Veneer Plywood	Phenolic Resin
6" DEEP SHELF 6" Deep Bracket	24"	F21M030624N	F21W030624N_	F21T030624N
	30"	F21M030630N	F21W030630N_	F21T030630N
	36"	F21M030636N	F21W030636N_	F21T030636N
	42"	F21M030642N	F21W030642N_	F21T030642N
	48"	F21M030648N	F21W030648N_	F21T030648N
	54"	F21M030654N		
	60"	F21M030660N		
	66"	F21M030666N		
	72"	F21M030672N		
9" DEEP SHELF 9" Deep Bracket	24"	F21M040924N	F21W040924N_	F21T040924N
	30"	F21M040930N	F21W040930N_	F21T040930N
	36"	F21M040936N	F21W040936N_	F21T040936N
	42"	F21M040942N	F21W040942N_	F21T040942N
	48"	F21M040948N	F21W040948N_	F21T040948N
	54"	F21M040954N		
	60"	F21M040960N		
	66"	F21M040966N		
	72"	F21M040972N		
12" DEEP SHELF 12" Deep Bracket	24"	F21M051224N	F21W051224N_	F21T051224N
	30"	F21M051230N	F21W051230N_	F21T051230N
	36"	F21M051236N	F21W051236N_	F21T051236N
	42"	F21M051242N	F21W051242N_	F21T051242N
	48"	F21M051248N	F21W051248N_	F21T051248N
	54"	F21M051254N		
	60"	F21M051260N		
	66"	F21M051266N		
	72"	F21M051272N		
18" DP SHELF 18" Deep Bracket	24"	F21M061824N	F21W061824N_	F21T061824N
	30"	F21M061830N	F21W061830N_	F21T061830N
	36"	F21M061836N	F21W061836N_	F21T061836N
	42"	F21M061842N	F21W061842N_	F21T061842N
	48"	F21M061848N	F21W061848N_	F21T061848N
	54"	F21M061854N		
	60"	F21M061860N		
24" DP SHELF 24" Deep Bracket	24"	F21M072424N	F21W072424N_	F21T072424N
	30"	F21M072430N	F21W072430N_	F21T072430N
	36"	F21M072436N	F21W072436N_	F21T072436N
	42"	F21M072442N	F21W072442N_	F21T072442N
	48"	F21M072448N	F21W072448N_	F21T072448N
	54"	F21M072454N		
	60"	F21M072460N		

To specify Veneer Plywood Species replace blank at end of part number with number that indicates material required.

Veneer Plywood Material Options

- | | |
|-------------------|------------------------|
| 1 = Red Oak | 5 = FSC® Red Oak |
| 2 = White Maple | 6 = FSC® White Maple |
| 7 = Steamed Beech | 8 = FSC® Steamed Beech |

Adjustable Pass-thru Shelf Assemblies

Specifications:

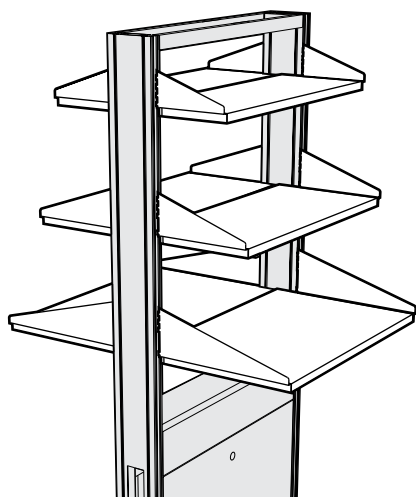
Pass-thru Module Shelf Assemblies for 6" Partition Modules have Shelves three inches deeper than the Shelf Bracket to allow the shelf to pass through the module core and form a continuous surface. These shelves may also be moved forward and mounted to form a 2" cord gap between the shelves. Shelf Brackets are 11 gauge steel, adjustable on 1" centers.

Painted Steel Shelves – 1" thick, formed from 16 gauge cold rolled steel.

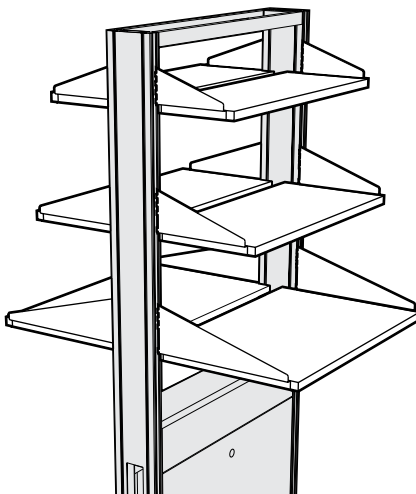
Veneer Plywood Shelves – 1" thick hardwood plywood with matching veneer on all exposed surfaces.

Phenolic Resin – 1" thick black phenolic resin.

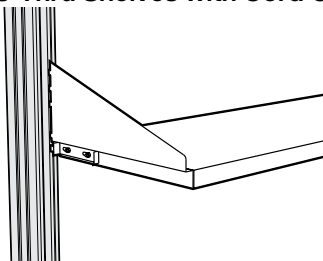
Adjustable Pass-thru Shelf Assemblies for 6" Partition Modules



Pass-Thru Shelves



Pass-Thru Shelves with Cord Gap



Optional Shelf Locking Tab

	Length	Painted Steel	Veneer Plywood	Phenolic Resin
9" DEEP SHELF 6" Deep Bracket	24"	F21M030624S	F21W030624S_	F21T030624S
	30"	F21M030630S	F21W030630S_	F21T030630S
	36"	F21M030636S	F21W030636S_	F21T030636S
	42"	F21M030642S	F21W030642S_	F21T030642S
	48"	F21M030648S	F21W030648S_	F21T030648S
	54"	F21M030654S		
	60"	F21M030660S		
	66"	F21M030666S		
	72"	F21M030672S		
12" DEEP SHELF 9" Deep Bracket	24"	F21M040924S	F21W040924S_	F21T040924S
	30"	F21M040930S	F21W040930S_	F21T040930S
	36"	F21M040936S	F21W040936S_	F21T040936S
	42"	F21M040942S	F21W040942S_	F21T040942S
	48"	F21M040948S	F21W040948S_	F21T040948S
	54"	F21M040954S		
	60"	F21M040960S		
	66"	F21M040966S		
	72"	F21M040972S		
15" DEEP SHELF 12" Deep Bracket	24"	F21M051224S	F21W051224S_	F21T051224S
	30"	F21M051230S	F21W051230S_	F21T051230S
	36"	F21M051236S	F21W051236S_	F21T051236S
	42"	F21M051242S	F21W051242S_	F21T051242S
	48"	F21M051248S	F21W051248S_	F21T051248S
	54"	F21M051254S		
	60"	F21M051260S		
	66"	F21M051266S		
	72"	F21M051272S		
21" DEEP SHELF 18" Deep Bracket	24"	F21M061824S	F21W061824S_	F21T061824S
	30"	F21M061830S	F21W061830S_	F21T061830S
	36"	F21M061836S	F21W061836S_	F21T061836S
	42"	F21M061842S	F21W061842S_	F21T061842S
	48"	F21M061848S	F21W061848S_	F21T061848S
	54"	F21M061854S		
	60"	F21M061860S		

To specify Veneer Plywood Species replace blank at end of part number with number that indicates material required.

Veneer Plywood Material Options

- | | |
|-------------------|------------------------|
| 1 = Red Oak | 5 = FSC® Red Oak |
| 2 = White Maple | 6 = FSC® White Maple |
| 7 = Steamed Beech | 8 = FSC® Steamed Beech |

Optional Shelf Locking Tab

Sliding tab mounted on Shelf Bracket locks Shelf into Module Upright to keep it from being accidentally removed.

To specify, add an **-K** to the end of the Shelf Assembly part number.
Example: **F21M051236N-K**

Adjustable Pass-thru Shelf Assemblies

Specifications:

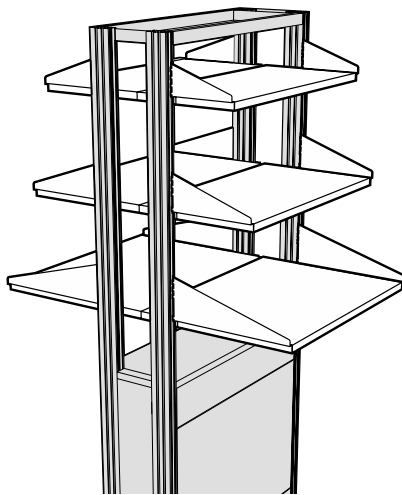
Pass-thru Shelf Assemblies for 12" Island Modules are six inches deeper than the Shelf Bracket to allow the Shelf to pass through the module core and form a continuous surface. These shelves may also be moved forward and mounted to form a 2" cord gap between the shelves. Shelf Brackets are 11 gauge steel, adjustable on 1" centers.

Painted Steel Shelves – 1" thick, formed from 16 gauge cold rolled steel.

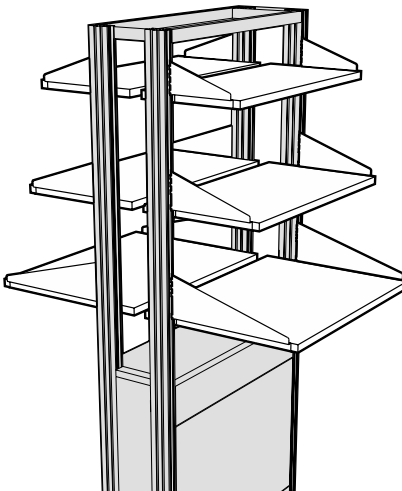
Veneer Plywood Shelves – 1" thick hardwood plywood with matching veneer on all exposed surfaces.

Phenolic Resin – 1" thick phenolic resin.

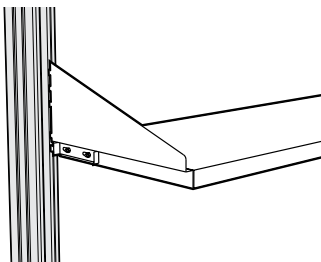
Adjustable Pass-thru Shelf Assemblies for 12" Island Modules



Pass-Thru Shelves



Pass-Thru Shelves with Cord Gap



Optional Shelf Locking Tab

	Length	Painted Steel	Veneer Plywood	Phenolic Resin
15" DEEP SHELF 9" Deep Bracket	24"	F21M040924T	F21W040924T_	F21T040924T
	30"	F21M040930T	F21W040930T_	F21T040930T
	36"	F21M040936T	F21W040936T_	F21T040936T
	42"	F21M040942T	F21W040942T_	F21T040942T
	48"	F21M040948T	F21W040948T_	F21T040948T
	54"	F21M040954T		
	60"	F21M040960T		
	66"	F21M040966T		
	72"	F21M040972T		
18" DEEP SHELF 12" Deep Bracket	24"	F21M051224T	F21W051224T_	F21T051224T
	30"	F21M051230T	F21W051230T_	F21T051230T
	36"	F21M051236T	F21W051236T_	F21T051236T
	42"	F21M051242T	F21W051242T_	F21T051242T
	48"	F21M051248T	F21W051248T_	F21T051248T
	54"	F21M051254T		
	60"	F21M051260T		
	66"	F21M051266T		
	72"	F21M051272T		
24" DEEP SHELF 18" Deep Bracket	24"	F21M061824T	F21W061824T_	F21T061824T
	30"	F21M061830T	F21W061830T_	F21T061830T
	36"	F21M061836T	F21W061836T_	F21T061836T
	42"	F21M061842T	F21W061842T_	F21T061842T
	48"	F21M061848T	F21W061848T_	F21T061848T
	54"	F21M061854T		
	60"	F21M061860T		

To specify Veneer Plywood Species replace blank at end of part number with number that indicates material required.

Veneer Plywood Material Options

- | | |
|-------------------|------------------------|
| 1 = Red Oak | 5 = FSC® Red Oak |
| 2 = White Maple | 6 = FSC® White Maple |
| 7 = Steamed Beech | 8 = FSC® Steamed Beech |

Module Shelves

Specifications:

Module Shelves are available without Shelf Brackets for custom applications and for replacement. These are the same Shelves that are furnished with Adjustable Module and Pass-Thru Shelf Assemblies except they are not furnished with Shelf Brackets or attachment hardware.

Shelf Brackets are available separately.

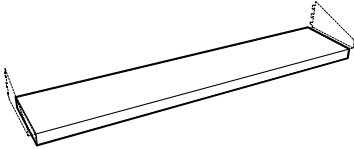
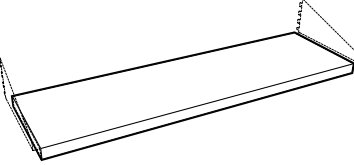
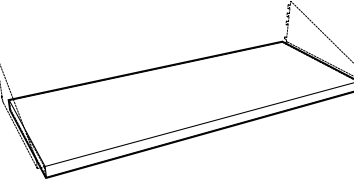
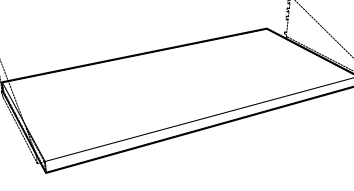
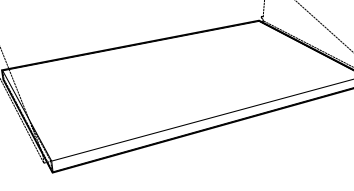
Painted Steel Shelves – 1" thick, formed from 16 gauge cold rolled steel.

Veneer Plywood Shelves – 1" thick hardwood plywood with matching veneer on all exposed surfaces.

Phenolic Resin – 1" thick black phenolic resin.

Actual Shelf Length 3½" less than Module Length

Module Shelves without Shelf Brackets

	Module Length	(actual shelf length 3½" less than module length)		
		Painted Steel	Veneer Plywood	Phenolic Resin
 6" DEEP	24"	F24M010624N	F24W010624N_	F24T010624N
	30"	F24M010630N	F24W010630N_	F24T010630N
	36"	F24M010636N	F24W010636N_	F24T010636N
	42"	F24M010642N	F24W010642N_	F24T010642N
	48"	F24M010648N	F24W010648N_	F24T010648N
	54"	F24M010654N		
	60"	F24M010660N		
	66"	F24M010666N		
 9" DEEP	72"	F24M010672N		
	24"	F24M010924N	F24W010924N_	F24T010924N
	30"	F24M010930N	F24W010930N_	F24T010930N
	36"	F24M010936N	F24W010936N_	F24T010936N
	42"	F24M010942N	F24W010942N_	F24T010942N
	48"	F24M010948N	F24W010948N_	F24T010948N
	54"	F24M010954N		
	60"	F24M010960N		
 12" DEEP	66"	F24M010966N		
	72"	F24M010972N		
	24"	F24M011224N	F24W011224N_	F24T011224N
	30"	F24M011230N	F24W011230N_	F24T011230N
	36"	F24M011236N	F24W011236N_	F24T011236N
	42"	F24M011242N	F24W011242N_	F24T011242N
	48"	F24M011248N	F24W011248N_	F24T011248N
	54"	F24M011254N		
 15" DEEP	60"	F24M011260N		
	66"	F24M011266N		
	72"	F24M011272N		
	24"	F24M011524N	F24W011524N_	F24T011524N
	30"	F24M011530N	F24W011530N_	F24T011530N
	36"	F24M011536N	F24W011536N_	F24T011536N
	42"	F24M011542N	F24W011542N_	F24T011542N
	48"	F24M011548N	F24W011548N_	F24T011548N
 18" DEEP	54"	F24M011554N		
	60"	F24M011560N		
	66"	F24M011566N		
	72"	F24M011572N		
	24"	F24M011824N	F24W011824N_	F24T011824N
	30"	F24M011830N	F24W011830N_	F24T011830N
	36"	F24M011836N	F24W011836N_	F24T011836N
	42"	F24M011842N	F24W011842N_	F24T011842N
	48"	F24M011848N	F24W011848N_	F24T011848N
	54"	F24M011854N		
	60"	F24M011860N		

Module Shelves & Shelf Brackets

Specifications:

Module Shelves are available without Shelf Brackets for custom applications and for replacement. These are the same Shelves that are furnished with Adjustable Module and Pass-Thru Shelf Assemblies except they are not furnished with Shelf Brackets or attachment hardware.

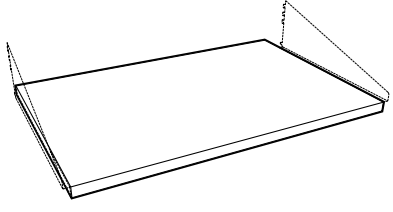
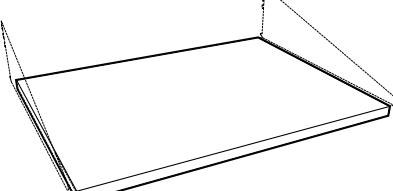
Shelf Brackets are available separately.

Painted Steel Shelves – 1" thick, formed from 16 gauge cold rolled steel.

Veneer Plywood Shelves – 1" thick hardwood plywood with matching veneer on all exposed surfaces.

Phenolic Resin – 1" thick black phenolic resin.

Module Shelves without Shelf Brackets

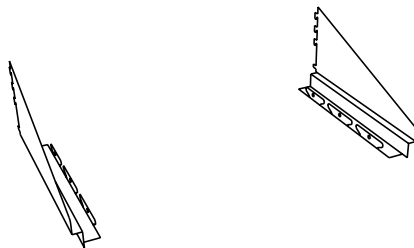
		Module Length	(actual shelf length 3½" less than module length)		
			Painted Steel	Veneer Plywood	Phenolic Resin
	21" DEEP	24"	F24M012124N	F24W012124N_	F24T012124N
		30"	F24M012130N	F24W012130N_	F24T012130N
		36"	F24M012136N	F24W012136N_	F24T012136N
		42"	F24M012142N	F24W012142N_	F24T012142N
		48"	F24M012148N	F24W012148N_	F24T012148N
		54"	F24M012154N		
		60"	F24M012160N		
	24" DEEP	24"	F24M012424N	F24W012424N_	F24T012424N
		30"	F24M012430N	F24W012430N_	F24T012430N
		36"	F24M012436N	F24W012436N_	F24T012436N
		42"	F24M012442N	F24W012442N_	F24T012442N
		48"	F24M012448N	F24W012448N_	F24T012448N
		54"	F24M012454N		
		60"	F24M012460N		

To specify Veneer Plywood Species replace blank at end of part number with number that indicates material required.

Veneer Plywood Material Options

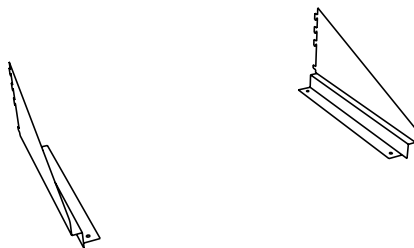
- | | |
|-------------------|------------------------|
| 1 = Red Oak | 5 = FSC® Red Oak |
| 2 = White Maple | 6 = FSC® White Maple |
| 7 = Steamed Beech | 8 = FSC® Steamed Beech |

Shelf Brackets for Steel Shelves (in pairs)



Depth	Shelf Brackets w/o Locking Tabs	Shelf Brackets with Locking Tabs
6"	F20M030602N	F20M030602N-K pair
9"	F20M040902N	F20M040902N-K pair
12"	F20M051202N	F20M051202N-K pair
18"	F20M061802N	F20M061802N-K pair
24"	F20M072402N	F20M072402N-K pair

Shelf Brackets for Wood & Phenolic Resin Shelves (in pairs)



Depth	Shelf Brackets w/o Locking Tabs	Shelf Brackets with Locking Tabs
6"	F20N030602N	F20N030602N-K pair
9"	F20N040902N	F20N040902N-K pair
12"	F20N051202N	F20N051202N-K pair
18"	F20N061802N	F20N061802N-K pair
24"	F20N072402N	F20N072402N-K pair

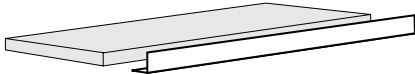
Shelves Retaining Lips & Light Fixtures

Specifications:

Shelf Retaining Lips are designed to be added to Adjustable Core Shelves, Module Shelves, Adjustable Module Shelf Assemblies, and Adjustable Pass-Thru Shelf Assemblies. Steel Shelf Lips may be mounted to steel, wood or phenolic resin shelves with supplied screws. Lips are 1½" in height

Under Cabinet Light Fixtures are thin-profile, specification grade, with white, painted steel housing, 1" high by 3½" deep in lengths shown. UL listed and furnished with rocker switch, single outlet, lamp, and six foot cord.

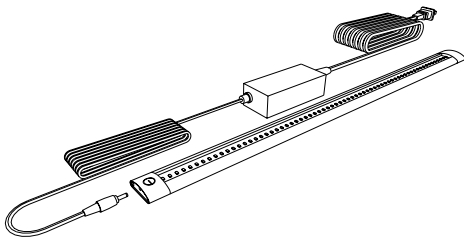
Shelf Retaining Lips



Designed to be added to Adjustable Core Shelves, Module Shelves, Adjustable Module Shelf Assemblies, and Adjustable Pass-Thru Shelf Assemblies. Steel Shelf Lips may be mounted to steel, wood or phenolic resin shelves with supplied screws.

Length	Shelf Lip	
24"	F63M020024N	each
30"	F63M020030N	each
36"	F63M020036N	each
42"	F63M020042N	each
48"	F63M020048N	each
54"	F63M020054N	each
60"	F63M020060N	each
66"	F63M020066N	each
72"	F63M020072N	each

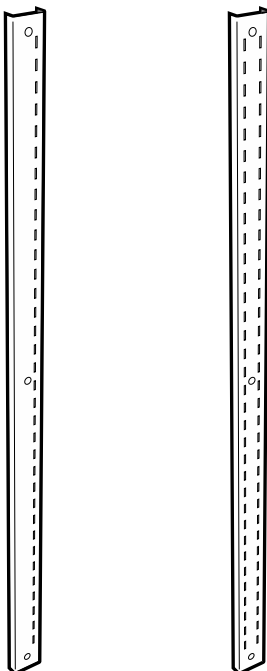
Task Lighting



Part Number	Length
X-030001-00	300mm – 11⅞"
X-030002-00	500mm – 19⅝"
X-030003-00	1000mm – 39⅜"

LED Task Lighting consists of a thin-profile, white, LED strip, 9.5mm high by 33mm deep with a touch dimmer switch. It is UL listed and furnished with 120 VAC to 24 VDC power supply with ten foot power cord. The light includes a magnetic mounting strip for mounting to steel shelving and integral tabs for mounting to wood and plastic laminate.

Shelving Uprights



Painted Steel Uprights

Length	Single Slot Upright	Double Slot Upright	
24"	F13M240102N	F12M240102N	each
30"	F13M300102N	F12M300102N	each
36"	F13M360102N	F12M360102N	each
42"	F13M420102N	F12M420102N	each
48"	F13M480102N	F12M480102N	each
72"	F13M720102N	F12M720102N	each
79"	F13M790102N	F12M790102N	each
84"	F13M840102N	F12M840102N	each

Stainless Steel Uprights

Length	Single Slot Upright	Double Slot Upright	
24"	F13S240102N	F12S240102N	each
30"	F13S300102N	F12S300102N	each
36"	F13S360102N	F12S360102N	each
42"	F13S420102N	F12S420102N	each
48"	F13S480102N	F12S480102N	each
72"	F13S720102N	F12S720102N	each
79"	F13S790102N	F12S790102N	each
84"	F13S840102N	F12S840102N	each

Designed to be used with Adjustable Module Shelving Assemblies to create wall mounted shelving.

Adjustable Height Worksurface Frames

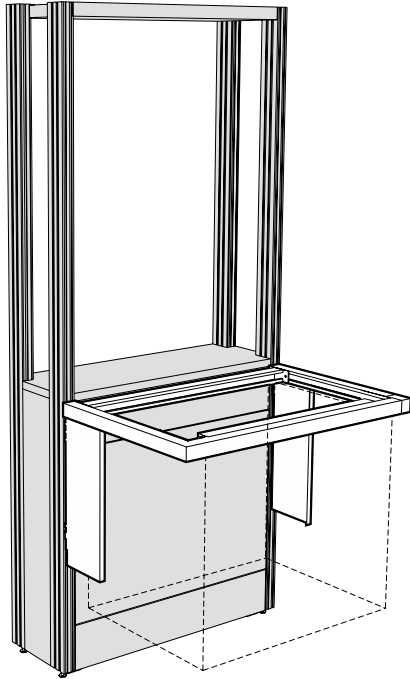
Specifications:

Adjustable Height Cantilevered Worksurface Frames engage the outer slot of the double slotted Structural Module Upright and adjusts in height on 1" increments. Fabricated from steel channels and an 11 gauge steel hanging bracket.

The Optional Adjustable Height Support Legs may be added to any Worksurface Frame to add strength. Fabricated from aluminum tubing with an adjustable glide at the bottom of the leg, they may be added or removed as required

Worksurface Top must be ordered separately.

Adjustable Height Cantilevered Worksurface Frame – 23¼" Deep



Length	23¼" Deep Frame
24"	F80M372324N
30"	F80M372330N
36"	F80M372336N
42"	F80M372342N
48"	F80M372348N
54"	F80M372354N
60"	F80M372360N
66"	F80M372366N
72"	F80M372372N

Adjustable Height Worksurface Frames

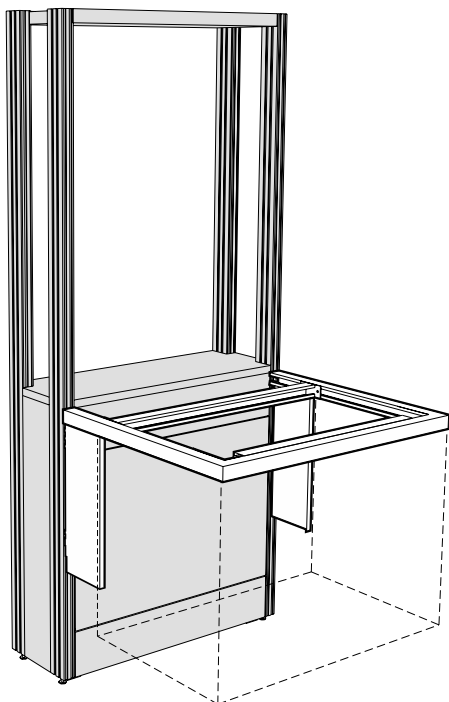
Specifications:

Adjustable Height Cantilevered Worksurface Frames engage the outer slot of the double slotted Structural Module Upright and adjusts in height on 1" increments. Fabricated from steel channels and an 11 gauge steel hanging bracket.

The Optional Adjustable Height Support Legs may be added to any Worksurface Frame to add strength. Fabricated from aluminum tubing with an adjustable glide at the bottom of the leg, they may be added or removed as required.

Worksurface Top must be ordered separately.

Adjustable Height Cantilevered Worksurface Frame – 29¼" Deep



Length	29¼" Deep Frame
24"	F80M372924N
30"	F80M372930N
36"	F80M372936N
42"	F80M372942N
48"	F80M372948N
54"	F80M372954N
60"	F80M372960N
66"	F80M372966N
72"	F80M372972N

Adjustable Height Worksurface Frames

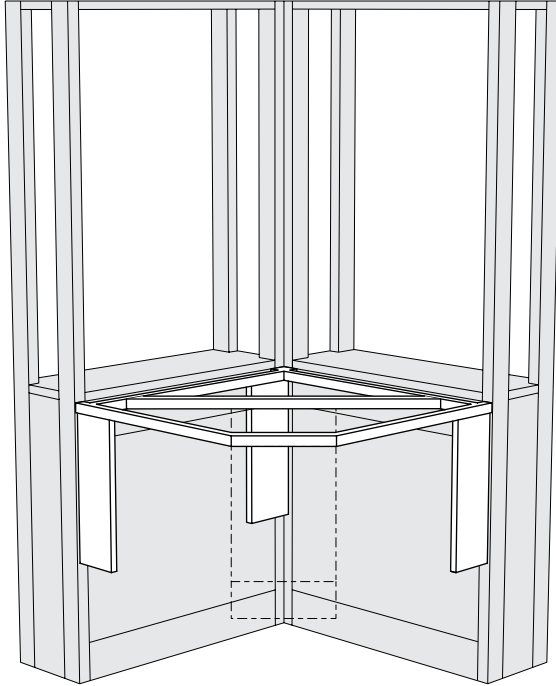
Specifications:

Adjustable Height Cantilevered Corner Worksurface Frame, same as standard Worksurface Frame except designed to be used when two Structural Modules meet to form an inside corner. Frame supports Worksurface Top and can also support a Suspended Cabinet mounted 45 degrees to the module.

The Corner Worksurface Frame Filler may be used to fill the space below the Corner Worksurface Frame when a suspended base cabinet is not used. The filler is fabricated from cold rolled steel and is finished to match the frame.

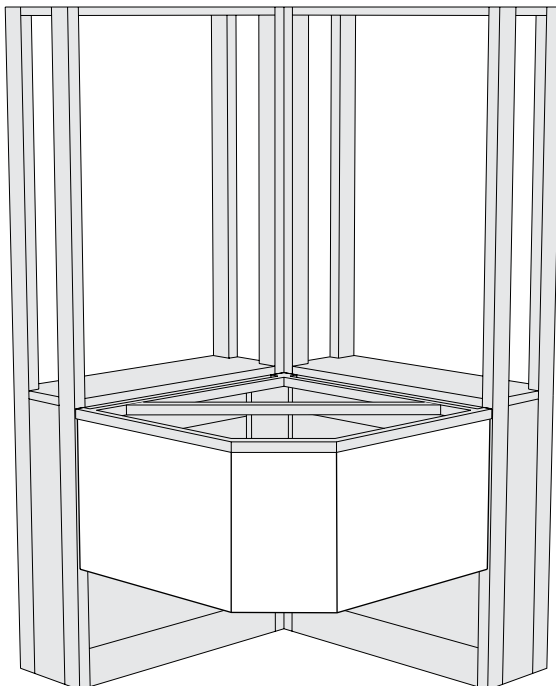
Worksurface Top must be ordered separately.

Adjustable Height Cantilevered Corner Worksurface Frame



Module Length	23" Deep Frame	Maximum Cabinet Size
36"	F81M372336N	18" L
42"	F81M372342N	24" L
48"	F81M372348N	30" L
Module Length	29" Deep Frame	Maximum Cabinet Size
36"	F81M372936N	n/a
42"	F81M372942N	18" L
48"	F81M372948N	24" L

Corner Worksurface Frame Filler

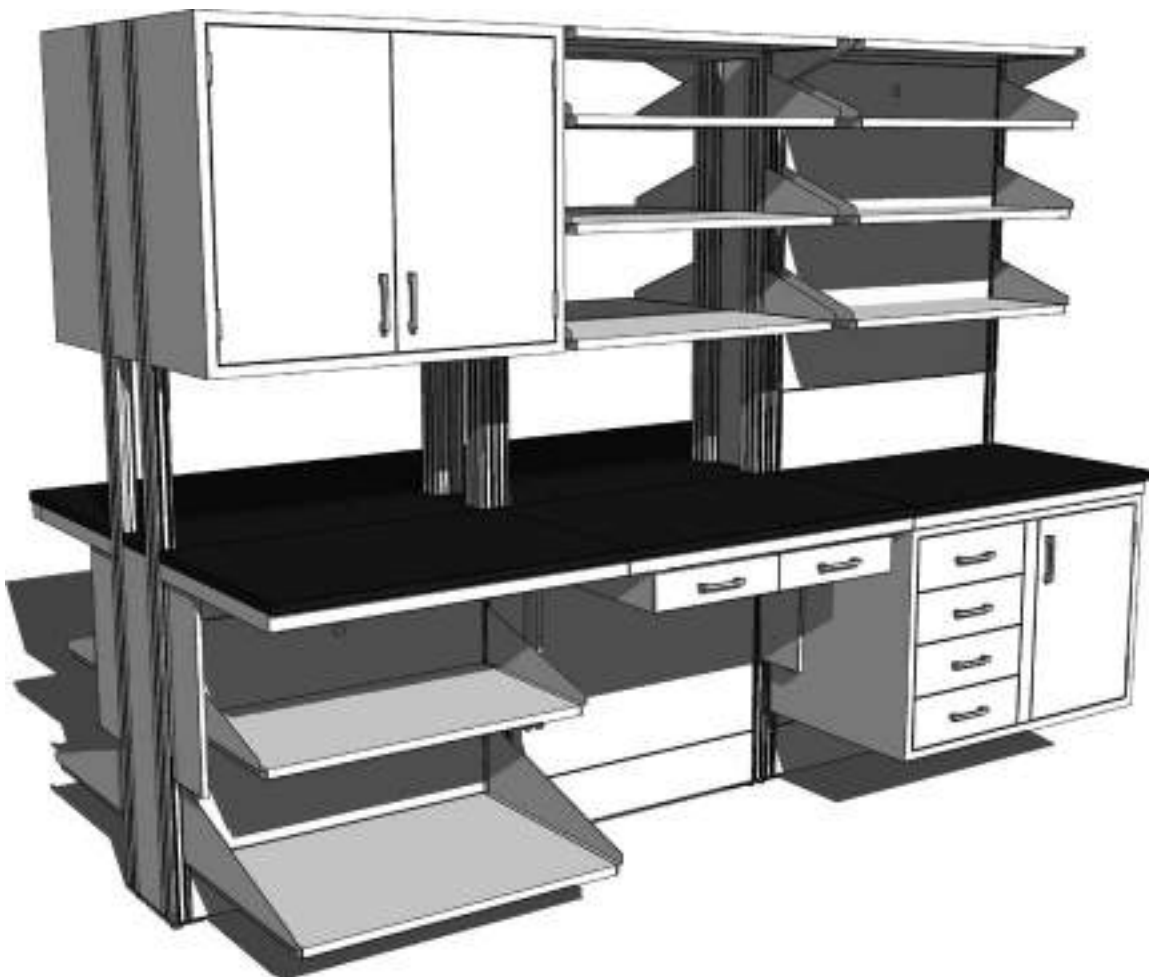


Module Length	23" Deep Frame	29" Deep Frame
36"	F82M372336N	F82M372936N
42"	F82M372342N	F82M372942N
48"	F82M372348N	F82M372948N

Worksurface & Module Tops

Features:

- Module Ledges and Worksurface Tops available in three laboratory proven materials:
 - Kewaunee Kemresin®
 - Phenolic Resin
- Modular Worksurface Tops available with 1" wide "Cord Gaps".
- Custom cutout and fixture hole arrangements available.
- Custom Worksurface Top sizes and styles available.



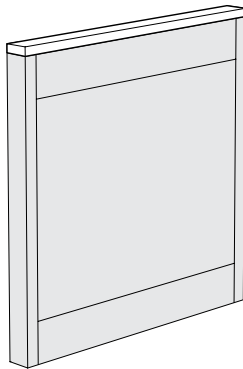
Module Ledges

Specifications:

Module Ledges are required to cover the open top of Wall and Island Structural Modules. They are 1" thick with all edges finished square and are most commonly ordered in the same material and color as the Worksurface Tops, but it is not required.

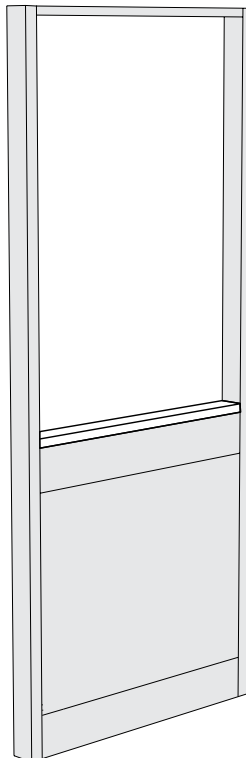
F92 Module Ledges are designed for use on Modules without Upper Carriers and match the Module length. **F90** Module Ledges are for use on Modules with Upper Carriers, and are 3/4" less in length than the Module.

3" Deep Module Ledges for 37" & 47" High Wall Modules



Length	Kemresin®	Phenolic Resin
24"	F92R010324N	F92T010324N
30"	F92R010330N	F92T010330N
36"	F92R010336N	F92T010336N
42"	F92R010342N	F92T010342N
48"	F92R010348N	F92T010348N
54"	F92R010354N	F92T010354N
60"	F92R010360N	F92T010360N
66"	F92R010366N	F92T010366N
72"	F92R010372N	F92T010372N

3" Deep Module Ledges for 84" High Wall Modules with Upper Carriers



Length	Kemresin®	Phenolic Resin
24"	F90R010324N	F90T010324N
30"	F90R010330N	F90T010330N
36"	F90R010336N	F90T010336N
42"	F90R010342N	F90T010342N
48"	F90R010348N	F90T010348N
54"	F90R010354N	F90T010354N
60"	F90R010360N	F90T010360N
66"	F90R010366N	F90T010366N
72"	F90R010372N	F90T010372N

Color Option Code

Kemresin

BK = Black **GR = Grey** **PT=Putty** **SL = Slate**

Kemresin is available in four standard colors. To specify Kemresin color, place a dash and the two-letter code at the end of the part number.

Example: F92R010324N-BK for Black

If no color is specified, Kemresin will be furnished in Black.

Phenolic Resin

Phenolic Resin is furnished in Black standard.

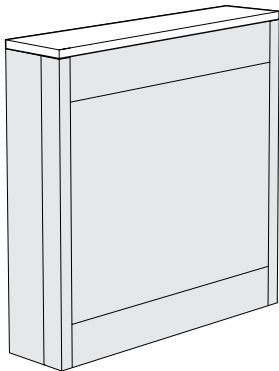
Module Ledges

Specifications:

Module Ledges are required to cover the open top of Wall and Island Structural Modules. They are 1" thick with all edges finished square and are most commonly ordered in the same material and color as the Worksurface Tops, but it is not required.

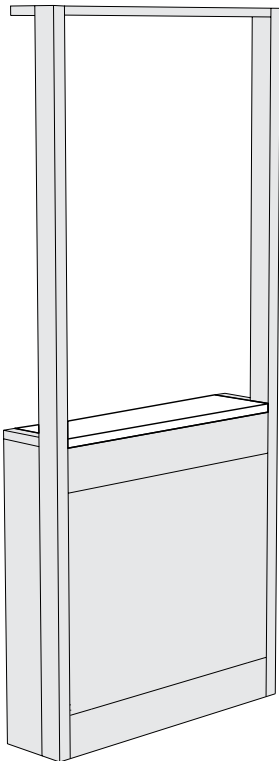
F92 Module Ledges are designed for use on Modules without Upper Carriers and match the Module length. **F90** Module Ledges are for use on Modules with Upper Carriers, and are 3/4" less in length than the Module.

9" Deep Module Ledges for 37" & 47" High Wall Modules



Length	Kemresin®	Phenolic Resin
24"	F92R010924N	F92T010924N
30"	F92R010930N	F92T010930N
36"	F92R010936N	F92T010936N
42"	F92R010942N	F92T010942N
48"	F92R010948N	F92T010948N
54"	F92R010954N	F92T010954N
60"	F92R010960N	F92T010960N
66"	F92R010966N	F92T010966N
72"	F92R010972N	F92T010972N

9" Deep Module Ledges for 84" High Wall Modules with Upper Carriers



Length	Kemresin®	Phenolic Resin
24"	F90R010924N	F90T010924N
30"	F90R010930N	F90T010930N
36"	F90R010936N	F90T010936N
42"	F90R010942N	F90T010942N
48"	F90R010948N	F90T010948N
54"	F90R010954N	F90T010954N
60"	F90R010960N	F90T010960N
66"	F90R010966N	F90T010966N
72"	F90R010972N	F90T010972N

Module End Caps

Depth	Kemresin®	Phenolic Resin
6"	F91R010206N	F91T010206N

Color Option Code

Kemresin

BK = Black **GR = Grey** **PT = Putty** **SL = Slate**

Kemresin is available in four standard colors. To specify Kemresin color, place a dash and the two-letter code at the end of the part number.

Example: F92R010924N-BK for Black

If no color is specified, Kemresin will be furnished in Black.

Phenolic Resin

Phenolic Resin is furnished in Black standard.

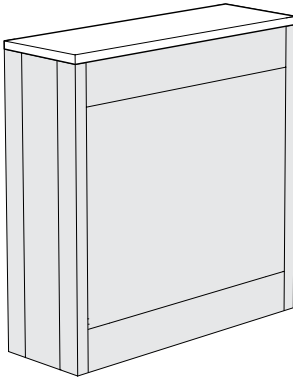
Module Ledges

Specifications:

Module Ledges are required to cover the open top of Wall and Island Structural Modules. They are 1" thick with all edges finished square and are most commonly ordered in the same material and color as the Worksurface Tops, but it is not required.

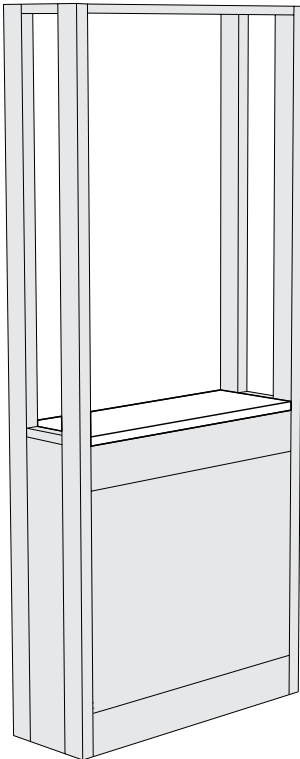
F92 Module Ledges are designed for use on Modules without Upper Carriers and match the Module length. **F90** Module Ledges are for use on Modules with Upper Carriers, and are 3¼" less in length than the Module.

12" Deep Module Ledges for 37" & 47" High Island Modules



Length	Kemresin®	Phenolic Resin
24"	F92R011224N	F92T011224N
30"	F92R011230N	F92T011230N
36"	F92R011236N	F92T011236N
42"	F92R011242N	F92T011242N
48"	F92R011248N	F92T011248N
54"	F92R011254N	F92T011254N
60"	F92R011260N	F92T011260N
66"	F92R011266N	F92T011266N
72"	F92R011272N	F92T011272N

12" Deep Module Ledges for 84" High Island Modules with Upper Carriers



Length	Kemresin®	Phenolic Resin
24"	F90R011224N	F90T011224N
30"	F90R011230N	F90T011230N
36"	F90R011236N	F90T011236N
42"	F90R011242N	F90T011242N
48"	F90R011248N	F90T011248N
54"	F90R011254N	F90T011254N
60"	F90R011260N	F90T011260N
66"	F90R011266N	F90T011266N
72"	F90R011272N	F90T011272N

Module End Caps

Depth	Kemresin®	Phenolic Resin
6"	F91R010206N	F91T010206N

Color Option Code

Kemresin

BK = Black **GR = Grey** **PT=Putty** **SL = Slate**

Kemresin is available in four standard colors. To specify Kemresin color, place a dash and the two-letter code at the end of the part number.

Example: F92R011224N-BK for Black

If no color is specified, Kemresin will be furnished in Black.

Phenolic Resin

Phenolic Resin is furnished in Black standard.

Module Ledges

Specifications:

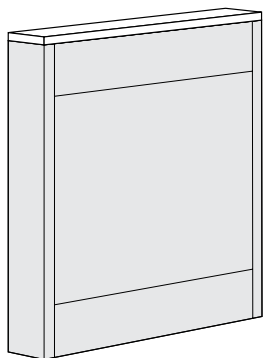
Module Ledges are required to cover the open top of Wall and Island Structural Modules. They are most commonly ordered in the same material and color as the Worksurface Tops, but it is not required.

Module Ledges are 1" thick with all edges finished square. They should be ordered to match the module size on which they

are to be used. The actual ledge is 3/4" less in length than the module. The remaining space is covered by the Module End Caps and/or Upper Carrier Uprights which are supplied with the Structural Module.

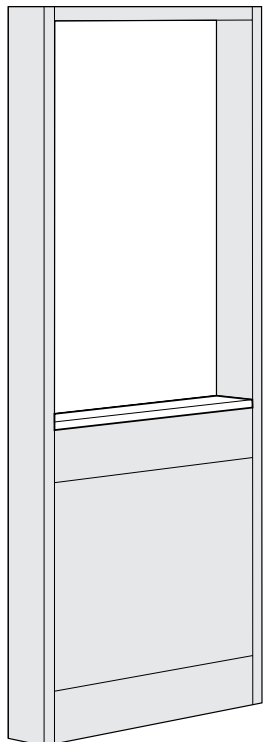
Additional Module End Caps may be purchased for future reconfiguring, but they are not required.

6" Deep Module Ledge for 37" & 47" High Partition Modules



Length	Kemresin®	Phenolic Resin
24"	F92R010624N	F92T010624N
30"	F92R010630N	F92T010630N
36"	F92R010636N	F92T010636N
42"	F92R010642N	F92T010642N
48"	F92R010648N	F92T010648N
54"	F92R010654N	F92T010654N
60"	F92R010660N	F92T010660N
66"	F92R010666N	F92T010666N
72"	F92R010672N	F92T010672N

6" Deep Module Ledge for 84" High Partition Modules with Upper Carriers



Length	Kemresin®	Phenolic Resin
24"	F90R010624N	F90T010624N
30"	F90R010630N	F90T010630N
36"	F90R010636N	F90T010636N
42"	F90R010642N	F90T010642N
48"	F90R010648N	F90T010648N
54"	F90R010654N	F90T010654N
60"	F90R010660N	F90T010660N
66"	F90R010666N	F90T010666N
72"	F90R010672N	F90T010672N

Corner & Peninsula Column Module Ledges

Length	Kemresin®	Phenolic Resin
6" x 6"	F90R010606N	F90T010606N
9" x 9"	F90R010909N	F90T010909N
9" x 12"	F90R010912N	F90T010912N
12" x 12"	F90R011212N	F90T011212N

Color Option Code

Kemresin

BK = Black **GR = Grey** **PT=Putty** **SL = Slate**

Kemresin is available in four standard colors. To specify Kemresin color, place a dash and the two-letter code at the end of the part number.

Example: F92R010624N-BK for Black

If no color is specified, Kemresin will be furnished in Black.

Phenolic Resin

Phenolic Resin is furnished in Black standard.

Worksurface Tops

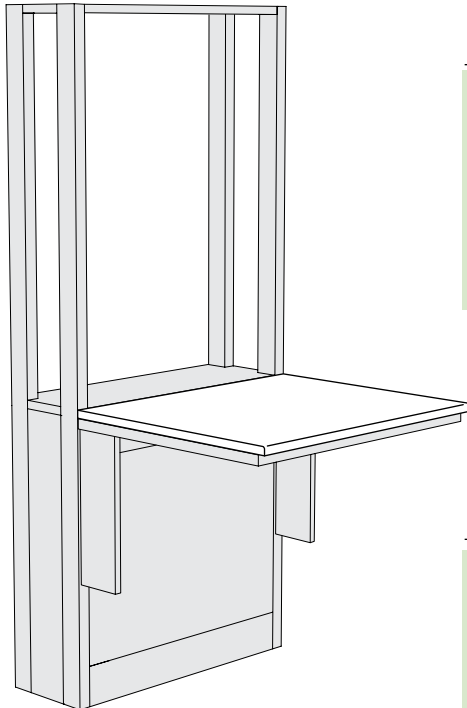
Specifications:

Worksurface Tops are available in modular sizes to match the length and depth of the Worksurface Frames. They are also available in depths 1" less than the Worksurface Frames to create a "Cord Gap" behind the top. This gap allows cords, cables and flexible tubing to be routed below the Worksurface, and out of the way of ongoing work.

Worksurface Tops are 1" thick. Front edges are treated as shown on page 70. All other edges are finished square.

When Worksurface Tops spanning more than one frame are desired or when cutouts are required, custom tops are available. See page 71 and 72 for more information.

Modular Worksurface Tops



	Length	Kemresin®	Phenolic Resin
24" DEEP	24"	F95R012424N	F95T012424N
	30"	F95R012430N	F95T012430N
	36"	F95R012436N	F95T012436N
	42"	F95R012442N	F95T012442N
	48"	F95R012448N	F95T012448N
	54"	F95R012454N	F95T012454N
	60"	F95R012460N	F95T012460N
	66"	F95R012466N	F95T012466N
	72"	F95R012472N	F95T012472N

	Length	Kemresin®	Phenolic Resin
30" DEEP	24"	F95R013024N	F95T013024N
	30"	F95R013030N	F95T013030N
	36"	F95R013036N	F95T013036N
	42"	F95R013042N	F95T013042N
	48"	F95R013048N	F95T013048N
	54"	F95R013054N	F95T013054N
	60"	F95R013060N	F95T013060N
	66"	F95R013066N	F95T013066N
	72"	F95R013072N	F95T013072N

Color Option Code

Kemresin

BK = Black **GR = Grey** **PT=Putty** **SL = Slate**

Kemresin is available in four standard colors. To specify Kemresin color, place a dash and the two-letter code at the end of the part number.

Example: F95R012424N-BK for Black

If no color is specified, Kemresin will be furnished in Black.

Phenolic Resin

Phenolic Resin is furnished in Black standard.

Worksurface Tops

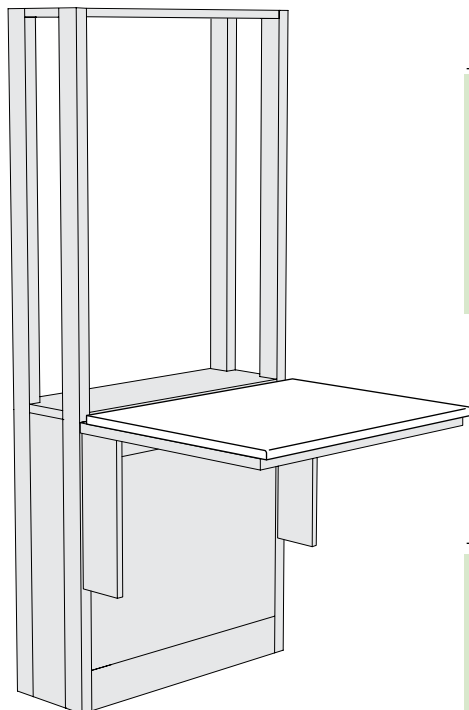
Specifications:

Worksurface Tops are available in modular sizes to match the length and depth of the Worksurface Frames. They are also available in depths 1" less than the Worksurface Frames to create a "Cord Gap" behind the top. This gap allows cords, cables and flexible tubing to be routed below the Worksurface, and out of the way of ongoing work.

Worksurface Tops are 1" thick. Front edges are treated as shown on page 70. All other edges are finished square.

When Worksurface Tops spanning more than one frame are desired or when cutouts are required, custom tops are available. See page 71 and 72 for more information.

Modular Worksurface Tops with Cord Gap



Length	Kemresin®	Phenolic Resin
24"	F95R012324N	F95T012324N
30"	F95R012330N	F95T012330N
36"	F95R012336N	F95T012336N
42"	F95R012342N	F95T012342N
48"	F95R012348N	F95T012348N
54"	F95R012354N	F95T012354N
60"	F95R012360N	F95T012360N
66"	F95R012366N	F95T012366N
72"	F95R012372N	F95T012372N

Length	Kemresin®	Phenolic Resin
24"	F95R012924N	F95T012924N
30"	F95R012930N	F95T012930N
36"	F95R012936N	F95T012936N
42"	F95R012942N	F95T012942N
48"	F95R012948N	F95T012948N
54"	F95R012954N	F95T012954N
60"	F95R012960N	F95T012960N
66"	F95R012966N	F95T012966N
72"	F95R012972N	F95T012972N

Color Option Code

Kemresin

BK = Black **GR = Grey** **PT=Putty** **SL = Slate**

Kemresin is available in four standard colors. To specify Kemresin color, place a dash and the two-letter code at the end of the part number.

Example: F95R012324N-BK for Black

If no color is specified, Kemresin will be furnished in Black.

Phenolic Resin

Phenolic Resin is furnished in Black standard.

Corner Worksurface Tops

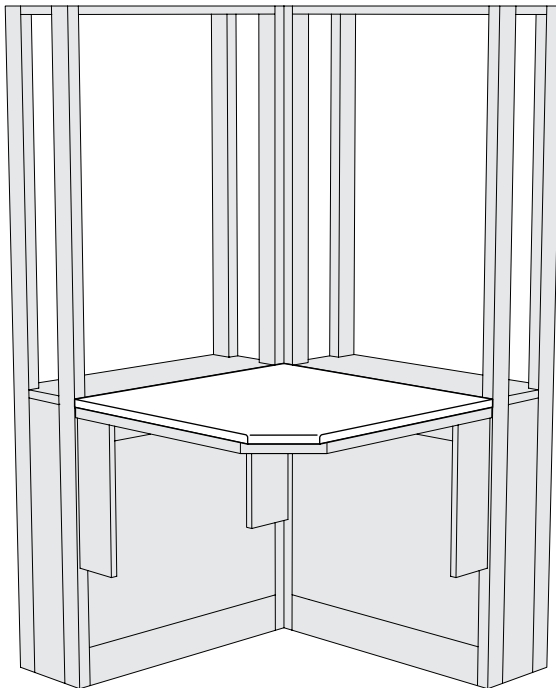
Specifications:

Worksurface Tops are available in modular sizes to match the length and depth of the Worksurface Frames. They are also available in depths 1" less than the Worksurface Frames to create a "Cord Gap" behind the top. This gap allows cords, cables and flexible tubing to be routed below the Worksurface, and out of the way of ongoing work.

Worksurface Tops are 1" thick. Front edges are treated as shown on page 70 All other edges are finished square.

When Worksurface Tops spanning more than one frame are desired or when cutouts are required, custom tops are available. See page 71 and 72 for more information.

Modular Corner Worksurface Tops



Depth	Length	Kemresin®	Phenolic Resin
23"	36"	F96R012336N	F96T012336N
23"	42"	F96R012342N	F96T012342N
23"	48"	F96R012348N	F96T012348N
24"	36"	F96R012436N	F96T012436N
24"	42"	F96R012442N	F96T012442N
24"	48"	F96R012448N	F96T012448N
29"	36"	F96R012936N	F96T012936N
29"	42"	F96R012942N	F96T012942N
29"	48"	F96R012948N	F96T012948N
30"	36"	F96R013036N	F96T013036N
30"	42"	F96R013042N	F96T013042N
30"	48"	F96R013048N	F96T013048N

Color Option Code

Kemresin

BK = Black **GR = Grey** **PT=Putty** **SL = Slate**

Kemresin is available in four standard colors. To specify Kemresin color, place a dash and the two-letter code at the end of the part number.

Example: F96R012336N-BK for Black

If no color is specified, Kemresin will be furnished in Black.

Phenolic Resin

Phenolic Resin is furnished in Black standard.

Worktop and Ledge Materials

Specifications:

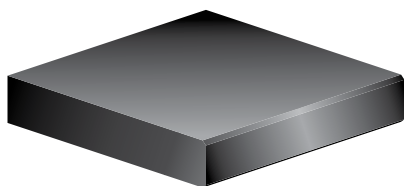
Worksurface Top and Ledge material selections are among the most critical of the laboratory furniture decisions. The intended applications of your worktops dictate material choice. Surfaces could be exposed to reagents and caustic substances. Heavy equipment may need to be supported or only light duty tasks may be performed.

Kewaunee offers three basic worktop materials for use on the Alpha System. They are Kewaunee's exclusive Kemresin® and Phenolic Resin. All are available in standard sizes to match the Alpha System modules and are complimented with appropriate sinks, drains and accessories.

Worktop and Ledge Material Comparison

MATERIAL	APPEARANCE	COMPOSITION	CHEMICAL RESISTANCE	APPLICATIONS
KEMRESIN®	Black, Grey, Putty, or Slate, ultra-smooth, non-porous	1" thick molded epoxy resin	Excellent resistance to practically all acids, alkalies and solvents	Use wherever optimum physical and chemical resisting properties are required
PHENOLIC RESIN	Hard, smooth surface, various colors	Cellulose fiber reinforced phenolic resin core with a highly crosslinked polyurethane copolymer surface	Excellent resistance to practically all acids, alkalies and solvents	Chemical and biological labs

Worktop Styles — Front Edge



Kewaunee KEMRESIN®
1/8" Chamfer



Phenolic Resin
1/8" Chamfer

Color Selection:

Kewaunee KEMRESIN®

Black
Grey
Putty
Slate

PHENOLIC RESIN

Phenolic Resin is furnished Black as standard. Other colors and patterns are available on special order. Contact your Kewaunee representative for current offerings.

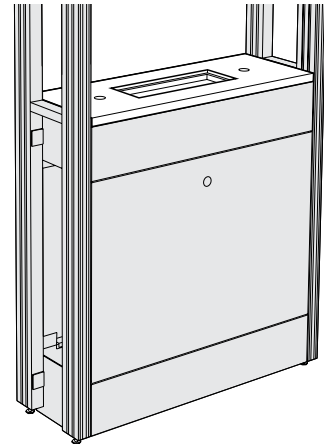
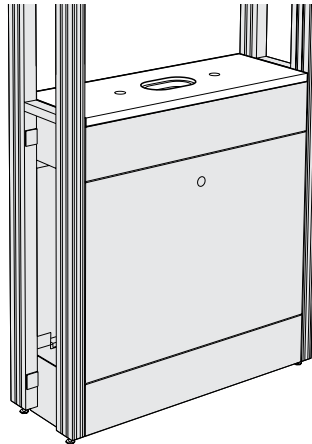
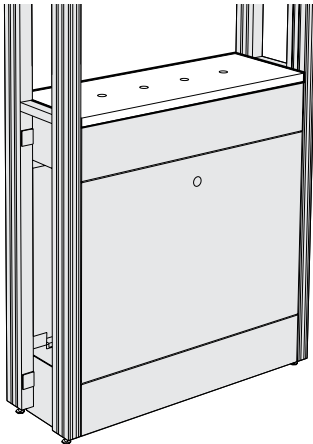
Custom Worksurface Tops and Ledges

Specifications:

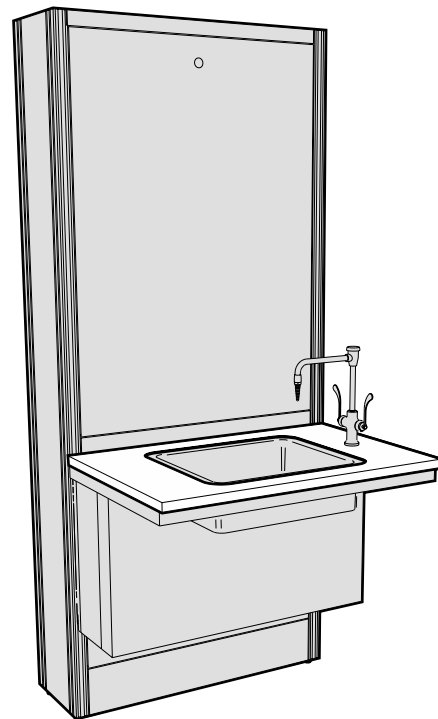
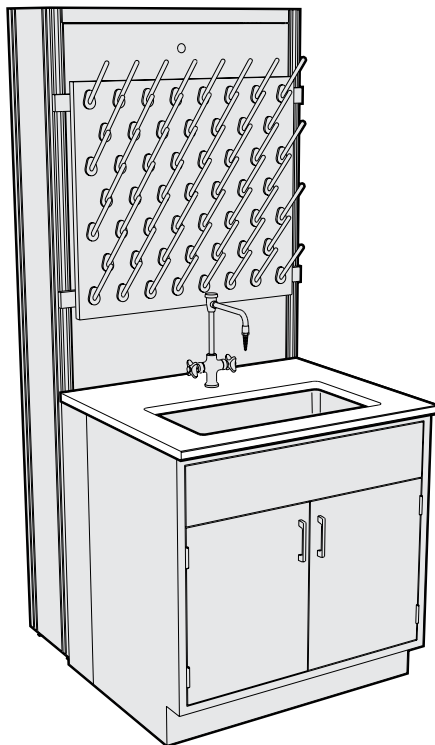
Recognizing that requirements for laboratory service fixtures and fittings is highly individualized, and that no one solution works in all cases, Alpha System Ledges and Worksurface Tops may be modified to accommodate fixture, fitting, sink, drain, and accessory cutouts as required.

Kewaunee's nationwide network of sales representatives and designers are available to help.

Worksurface Tops and Ledges with Holes and Cutouts



Module ledges may be ordered with cupsink cutouts and/or holes for mounting fittings and fixtures.



Worksurface tops may be ordered with sink cutouts, service fitting holes, specialty cutouts or other modifications.

Custom Worktops

Specifications:

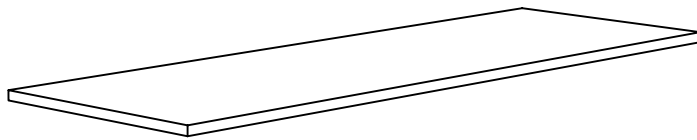
Continuous Worksurface tops are available in two basic styles for applications that require an uninterrupted surface. All three top materials, Kemresin and Phenolic Resin, may be fabricated into both flat tops, or flat tops with 1" thick applied curbs at the rear.

Fitting and fixture holes and cutouts can be incorporated in these styles to allow unlimited design options.

See charts below for material size and color options.

1" Thick Flat Worksurface Top

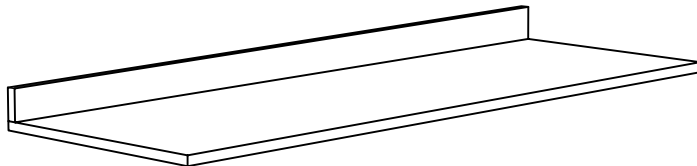
Standard Depths 24" 30"



Available Materials	Maximum Length without Joint
Kewaunee Kemresin®	96"
Phenolic Resin	120"

1" Thick Worksurface Top with 1" x 4" Applied Curb

Standard Depths 24" 30"



Available Materials	Maximum Length without Joint
Kewaunee Kemresin®	96"
Phenolic Resin	120"

Color Selection:

Kewaunee KEMRESIN®

Black
Grey
Putty
Slate

PHENOLIC RESIN

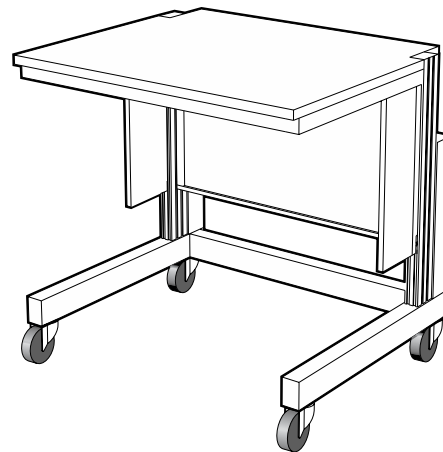
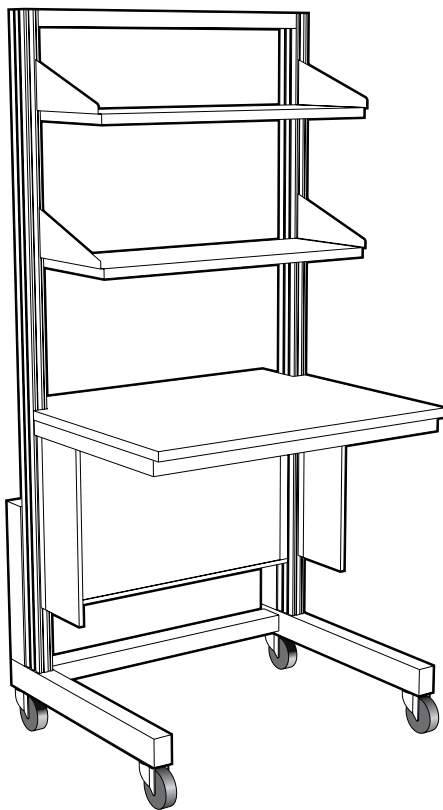
Phenolic Resin is furnished Black as standard. Other colors and patterns are available on special order. Contact your Kewaunee representative for current offerings.

Alpha System Carts

Features:

- The adaptability of the Alpha System and the convenience of mobility
 - Standard double-slotted uprights mounted on heavy gauge steel frame
 - Available with large diameter, heavy duty casters or glides
 - Available with or without overhead carrier
 - Available in all standard module lengths – from 24" to 72"
- Accepts standard Alpha System components including:
- Adjustable Height Cantilevered Worksurface Frames
 - for supporting Worksurface Top and Suspended Base Cabinets
 - easily positioned on 1" increments
 - Adjustable Module Shelving
 - available in five depths
 - available in steel, wood, and phenolic resin
 - available with or without retaining lips
 - adjustable on 1" increments

SEFA 10 | Class 8 – Configuration 1 – Category 1



See Table of Contents pages 5 and 6 for catalog sections relating to Alpha System Cart frame components, Worksurface Tops, and Adjustable Module Shelves.

Alpha System Carts

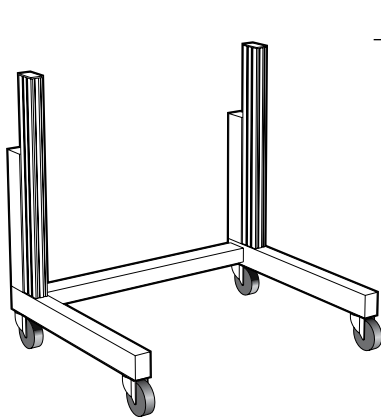
Specifications:

Alpha System Carts incorporate the same double slotted uprights used in the Alpha System Structural Modules. The uprights are mounted to a base fabricated of steel tubing and mounted on 4" diameter casters or glides. This creates a mobile system designed to support both the same Cantilevered Worksurface Frames and Adjustable Shelves used on the Structural Support Modules.

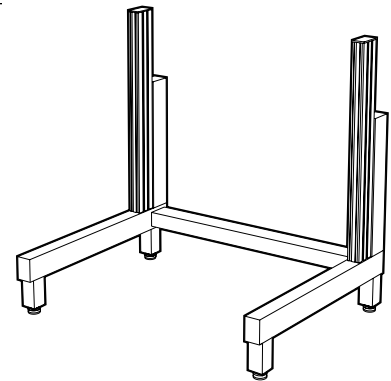
The Alpha System Cart is 37" high, with Upper Carrier 78" high. Both are 30" deep and available in lengths shown.

Worksurface Frame, Top and Adjustable Shelves must be ordered separately.

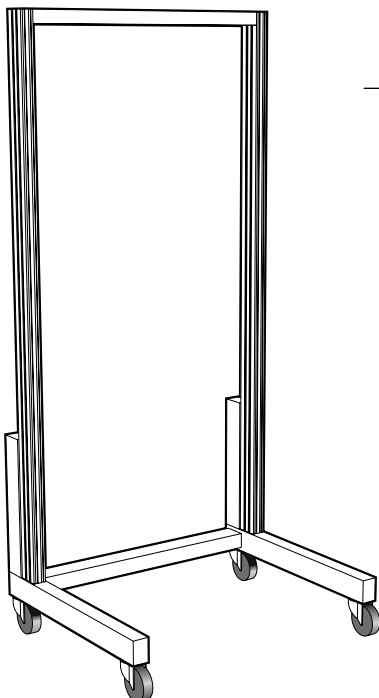
Alpha System Cart



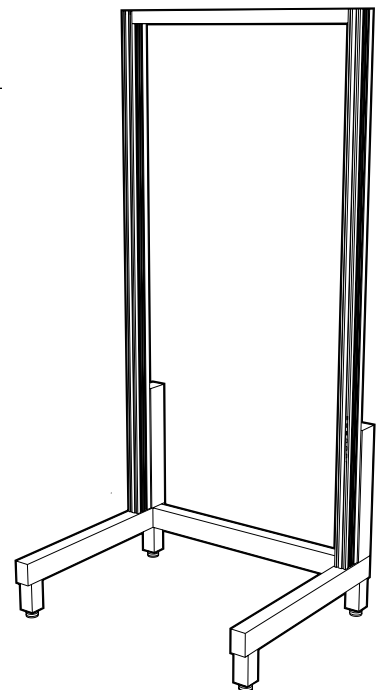
Length	with Caster	with Glides
24"	F57C372924C	F57C372924G
30"	F57C372930C	F57C372930G
36"	F57C372936C	F57C372936G
42"	F57C372942C	F57C372942G
48"	F57C372948C	F57C372948G
54"	F57C372954C	F57C372954G
60"	F57C372960C	F57C372960G
66"	F57C372966C	F57C372966G
72"	F57C372972C	F57C372972G



Alpha System Cart with Upper Carrier



Length	with Casters	with Glides
24"	F57C782924C	F57C782924G
30"	F57C782930C	F57C782930G
36"	F57C782936C	F57C782936G
42"	F57C782942C	F57C782942G
48"	F57C782948C	F57C782948G
54"	F57C782954C	F57C782954G
60"	F57C782960C	F57C782960G
66"	F57C782966C	F57C782966G
72"	F57C782972C	F57C782972G

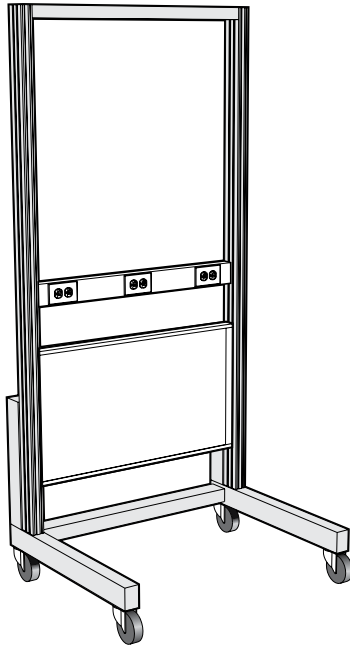


Alpha System Carts

Specifications:

Alpha System Cart Worksurface Tops are available in modular sizes to match the length and depth of the Worksurface Frames. Worksurface Tops are 1" thick. Front edges are treated as shown on page 70. All other edges are finished square.

Electrical Service Strip & Modesty Panel for Alpha System Cart

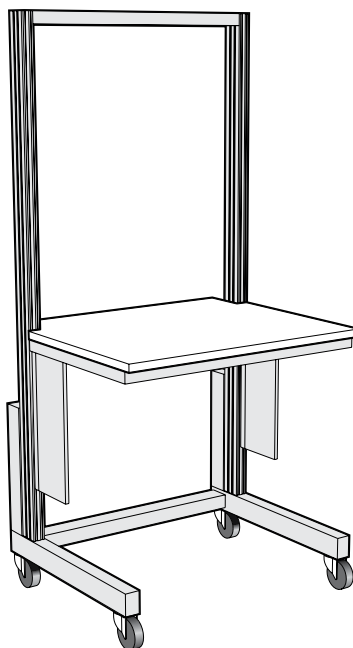


Length	Electrical Service Strip	Duplex Outlets
24"	F56M030224N	2
30"	F56M030230N	2
36"	F56M030236N	3
42"	F56M030242N	3
48"	F56M030248N	3
54"	F56M030254N	3
60"	F56M030260N	3
66"	F56M030266N	3
72"	F56M030272N	3

Length	Modesty Panel
24"	F57M190124N
30"	F57M190130N
36"	F57M190136N
42"	F57M190142N
48"	F57M190148N
54"	F57M190154N
60"	F57M190160N
66"	F57M190166N
72"	F57M190172N

Alpha System Cart Worksurface

See Table of Contents for Worksurface Frames section.



	Length	Kemresin®	Phenolic Resin
24" TOP for 23" deep frames	24"	F58R013024N	F58T013024N
	30"	F58R013030N	F58T013030N
	36"	F58R013036N	F58T013036N
	42"	F58R013042N	F58T013042N
	48"	F58R013048N	F58T013048N
	54"	F58R013054N	F58T013054N
	60"	F58R013060N	F58T013060N
	66"	F58R013066N	F58T013066N
	72"	F58R013072N	F58T013072N

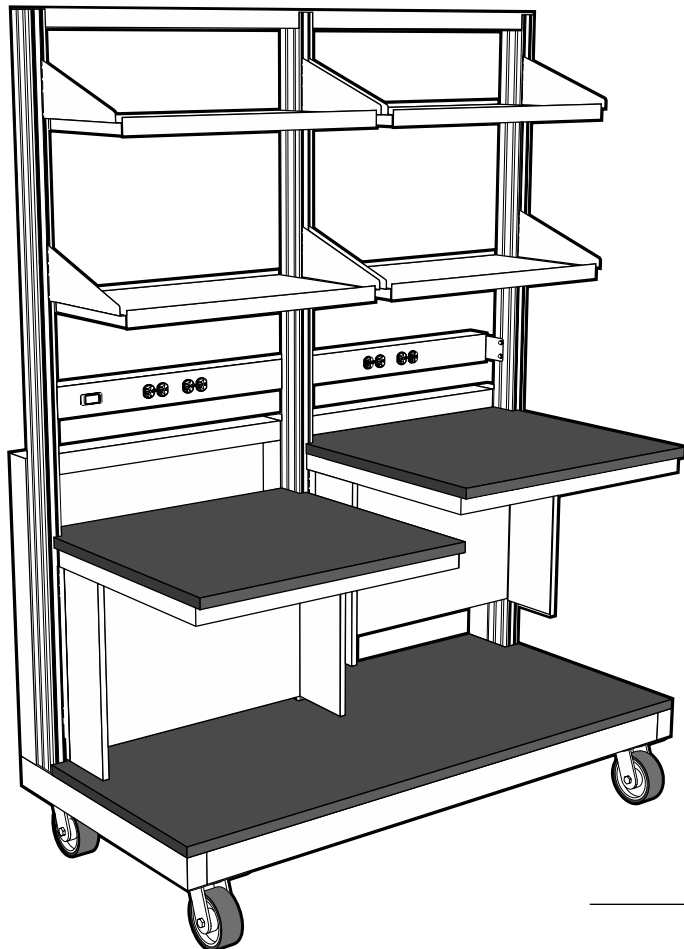
	Length	Kemresin®	Phenolic Resin
30" TOP for 29" deep frames	24"	F58R013624N	F58T013624N
	30"	F58R013630N	F58T013630N
	36"	F58R013636N	F58T013636N
	42"	F58R013642N	F58T013642N
	48"	F58R013648N	F58T013648N
	54"	F58R013654N	F58T013654N
	60"	F58R013660N	F58T013660N
	66"	F58R013666N	F58T013666N
	72"	F58R013672N	F58T013672N

See Table of Contents for Worksurface Frames section.

Heavy Duty Alpha System Cart

Heavy Duty Alpha System Cart Assembly

SEFA 10 | Class 8 – Configuration 1 – Category 4



Features:

- 3000 pound load capacity
- Two adjustable height, half-length, Kemresin Worktops with locking frames
- Worktops individually adjustable on 1" centers from 33" to 40"
- Four 15" deep, half-length, adjustable height, steel locking shelves with retaining lips on front and rear
- Shelves adjustable on 1" centers
- One 24" deep fixed, Kemresin shelf at base of bench
- One switched, adjustable height, power strip with four duplex receptacles and 10 foot pigtail
- Four heavy duty casters, with locking brakes on front casters
- Overall dimensions: 30" deep x 79½" high

Heavy Duty Alpha System Cart Assembly

Length

48"	F98M792448C
60"	F98M792460C
72"	F98M792472C

Worksurface Color Option Code

Kemresin

BK = Black GR = Grey PT=Putty SL = Slate

Kemresin is available in four standard colors. To specify Kemresin color, place a dash and the two-letter code at the end of the part number.

Example: F98M792448C-BK for Black

If no color is specified, Kemresin will be furnished in Black.

Free-Standing Adjustable Height Table

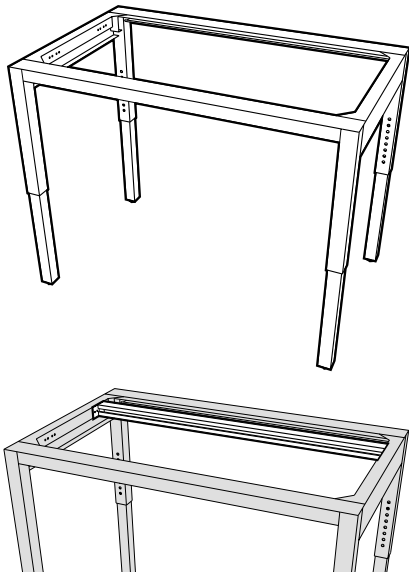
Specifications:

Free-Standing Adjustable Height Tables are available for either 24" deep or 30" deep Worksurface tops in lengths as shown. Telescoping tubular steel legs allow the table to be height adjustable from 30" to 37" high on one inch increments. The table is furnished with a cold rolled steel frame and four adjustable legs with glides. Adjustable Height Tables will accommodate Suspended Cabinets.

Worksurface Top must be ordered separately.

Worksurface Tops are 1" thick. Front and side edges are treated as shown on page 70. Rear edge is finished square.

Free-Standing Adjustable Height Table Frame



22" Deep Table Frame

Length	Part Number
34"	FC50M362234N
40"	FC50M362240N
46"	FC50M362246N
52"	FC50M362252N
58"	FC50M362258N
64"	FC50M362264N
70"	FC50M362270N

28" Deep Table Frame

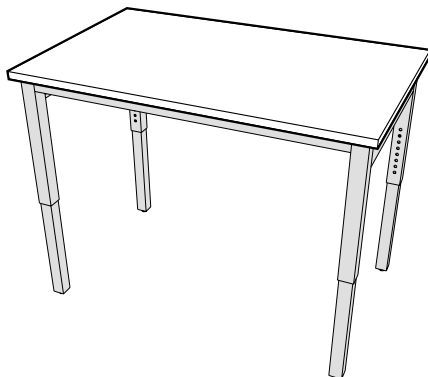
Length	Part Number
34"	FC50M362834N
40"	FC50M362840N
46"	FC50M362846N
52"	FC50M362852N
58"	FC50M362858N
64"	FC50M362864N
70"	FC50M362870N

Optional Rear Hanging Rail

Length	Part Number
34"	FC89M020234N
40"	FC89M020240N
46"	FC89M020246N
52"	FC89M020252N
58"	FC89M020258N
64"	FC89M020264N
70"	FC89M020270N

Required for 28" deep Table Frames only when mounting suspended cabinets.

Free-Standing Adjustable Height Table Top



24" Deep Worksurface Top

Length	Kemresin®	Phenolic Resin
36"	FC96R012436N	FC96T012436N
42"	FC96R012442N	FC96T012442N
48"	FC96R012448N	FC96T012448N
54"	FC96R012454N	FC96T012454N
60"	FC96R012460N	FC96T012460N
66"	FC96R012466N	FC96T012466N
72"	FC96R012472N	FC96T012472N

30" Deep Worksurface Top

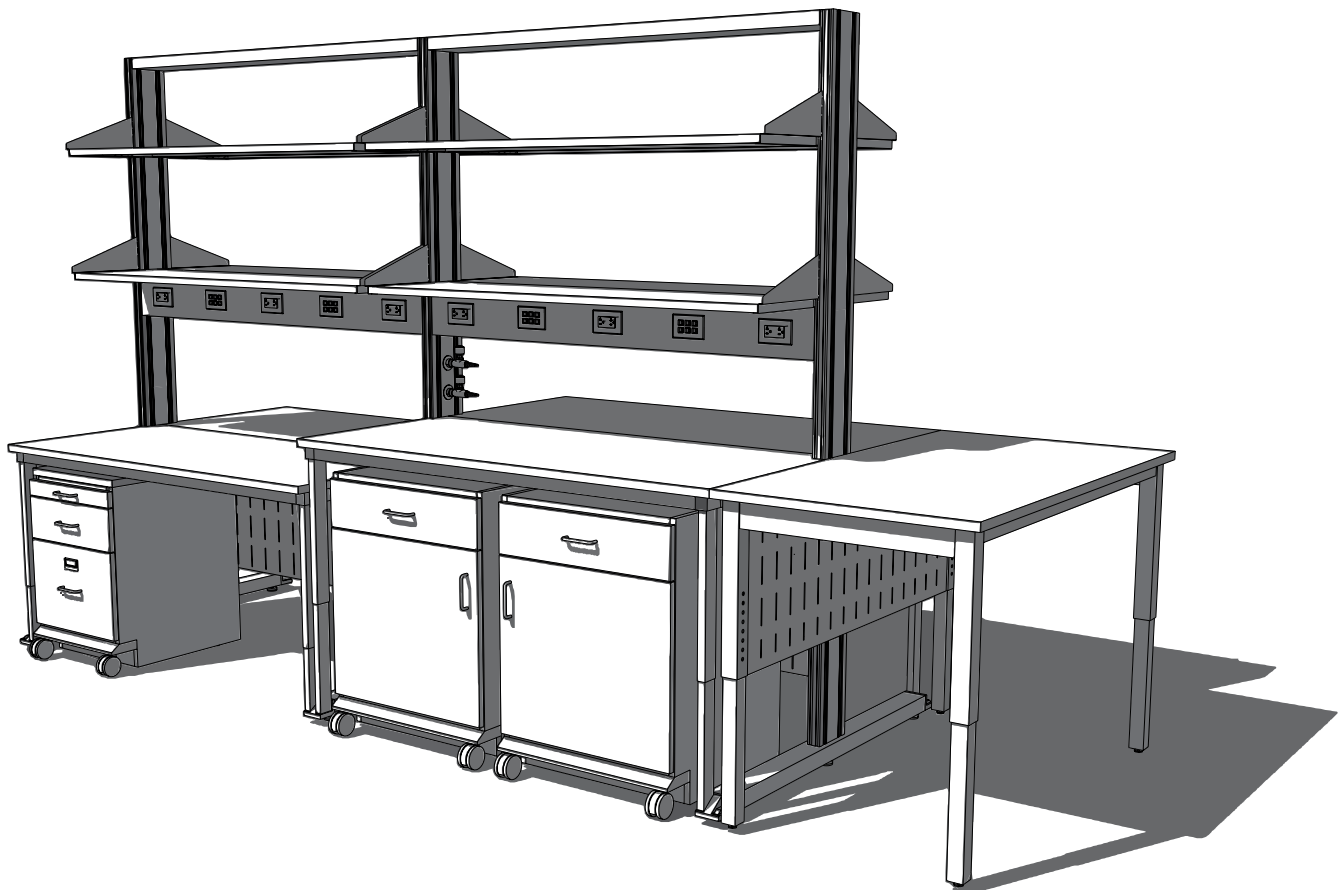
Length	Kemresin®	Phenolic Resin
36"	FC96R013036N	FC96T013036N
42"	FC96R013042N	FC96T013042N
48"	FC96R013048N	FC96T013048N
54"	FC96R013054N	FC96T013054N
60"	FC96R013060N	FC96T013060N
66"	FC96R013066N	FC96T013066N
72"	FC96R013072N	FC96T013072N

Alpha Columns

Features:

- Moveable, freestanding bench design integrates with other Alpha products.
- 6" wide support column utilizes Alpha's unique double slotted design.
- Can create individual self-supported workstations, or be designed with a shared structural "column" for multiple workstation applications.
- Is available both double and single-sided for use as either center island or wall benches.
- Available with either 27" or 30" deep Worksurfaces.
- Designed to integrate with mobile or floor mounted cabinetry.
- Worksurfaces and shelving are adjustable in height on 1" increments.
- Integrated shelving system with shelves available in depths from 6" to 24".
- Columns can be pre-plumbed or pre-wired for both power and data for use with overhead service carriers or panels.

SEFA 10 | Class 7 – Configuration 4 – Category 3



Alpha Column Double-Sided Modules

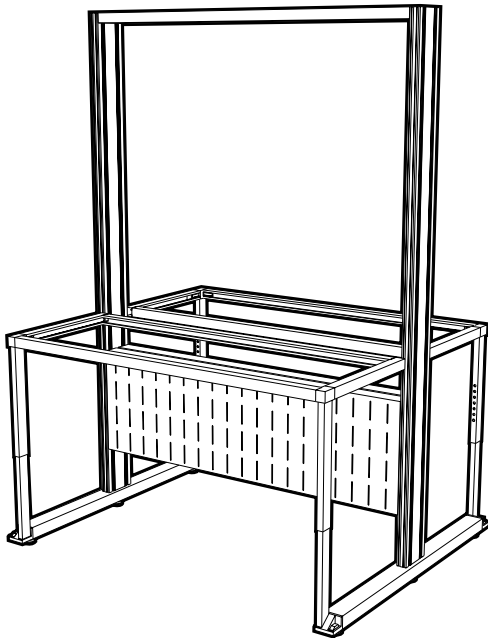
Specifications:

Double-Sided Starter Modules may be used as stand-alone workstations, or as the first module in a multi-module assembly. The six-inch column is 84" high and slotted on 1" centers to accept the Worksurface Frame or Shelving. Each Starter Module contains two column end posts, two modesty panels, and a top rail. Modules may be ordered either with or without Worksurface Frames.

Modules are available in lengths from 36" to 72" in 6" increments. Lengths are based on distance from the center of the first post to the center of the second post. Actual module length is 1 $\frac{5}{8}$ " longer than cataloged length.

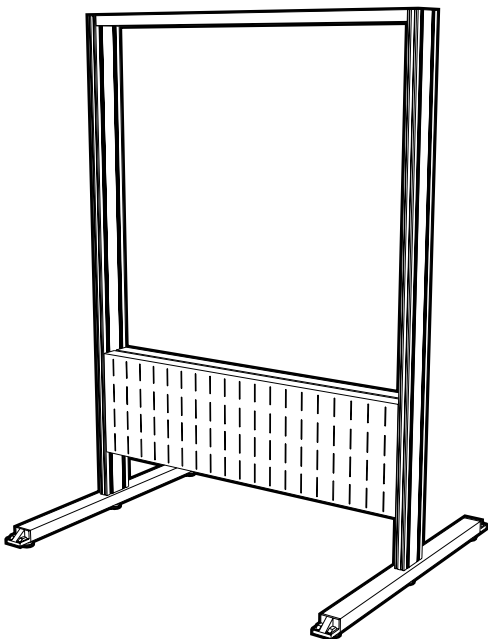
Worksurface Tops, Shelves, and Service Fittings must be ordered separately.

Double-Sided Starter Module with Worksurface Frames



Module Length	Actual Length	for 23" Deep Frames	for 26" Deep Frames
36"	37 $\frac{5}{8}$ "	FC30M845436N	FC30M846036N
42"	43 $\frac{5}{8}$ "	FC30M845442N	FC30M846042N
48"	49 $\frac{5}{8}$ "	FC30M845448N	FC30M846048N
54"	55 $\frac{5}{8}$ "	FC30M845454N	FC30M846054N
60"	61 $\frac{5}{8}$ "	FC30M845460N	FC30M846060N
66"	67 $\frac{5}{8}$ "	FC30M845466N	FC30M846066N
72"	73 $\frac{5}{8}$ "	FC30M845472N	FC30M846072N

Double-Sided Starter Module without Worksurface Frames



Module Length	Actual Length	for 23" Deep Frames	for 26" Deep Frames
36"	37 $\frac{5}{8}$ "	FC31M845436N	FC31M846036N
42"	43 $\frac{5}{8}$ "	FC31M845442N	FC31M846042N
48"	49 $\frac{5}{8}$ "	FC31M845448N	FC31M846048N
54"	55 $\frac{5}{8}$ "	FC31M845454N	FC31M846054N
60"	61 $\frac{5}{8}$ "	FC31M845460N	FC31M846060N
66"	67 $\frac{5}{8}$ "	FC31M845466N	FC31M846066N
72"	73 $\frac{5}{8}$ "	FC31M845472N	FC31M846072N

Alpha Column Double-Sided Modules

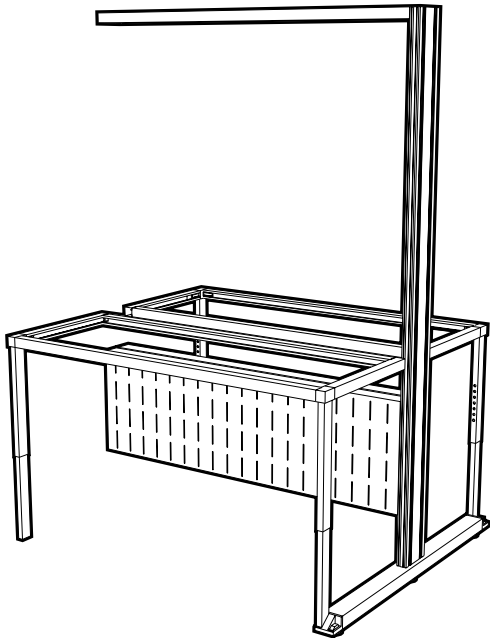
Specifications:

Double-Sided Add-On Modules are designed to be used in addition to a Starter Module to make multi-module assemblies. The six-inch column is 84" high and slotted on 1" centers to accept the Worksurface Frame or Shelving. Each Starter Module contains one column end post, two modesty panels, and a top rail. Modules may be ordered either with or without Worksurface Frames.

Modules are available in lengths from 36" to 72" in 6" increments. Lengths are based on distance from the center of the first post to the center of the second post. Actual module length is 1 1/8" longer than cataloged length.

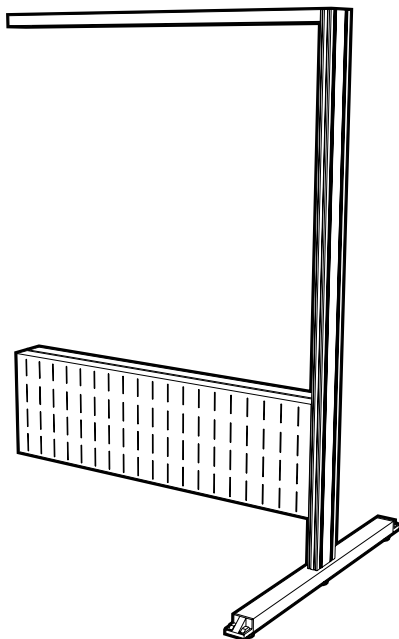
Worksurface Tops, Shelves, and Service Fittings must be ordered separately.

Double-Sided Add-On Module with Worksurface Frames



Module Length	for 23" Deep Frames	for 26" Deep Frames
36"	FC35M845436N	FC35M846036N
42"	FC35M845442N	FC35M846042N
48"	FC35M845448N	FC35M846048N
54"	FC35M845454N	FC35M846054N
60"	FC35M845460N	FC35M846060N
66"	FC35M845466N	FC35M846066N
72"	FC35M845472N	FC35M846072N

Double-Sided Add-On Module without Worksurface Frames



Module Length	for 23" Deep Frames	for 26" Deep Frames
36"	FC36M845436N	FC36M846036N
42"	FC36M845442N	FC36M846042N
48"	FC36M845448N	FC36M846048N
54"	FC36M845454N	FC36M846054N
60"	FC36M845460N	FC36M846060N
66"	FC36M845466N	FC36M846066N
72"	FC36M845472N	FC36M846072N

Alpha Column Single-Sided Modules

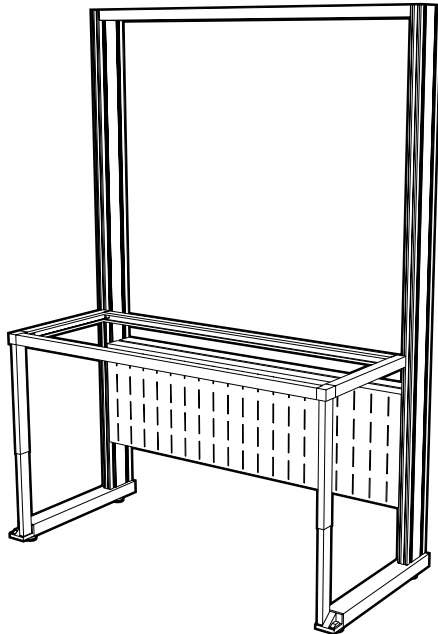
Specifications:

Single-Sided Starter Modules may be used as stand-alone workstations, or as the first module in a multi-module assembly. The six-inch column is 84" high and slotted on 1" centers to accept the Worksurface Frame or Shelving. Each Starter Module contains two column end posts, two modesty panels, and a top rail. Modules may be ordered either with or without Worksurface Frames.

Modules are available in lengths from 36" to 72" in 6" increments. Lengths are based on distance from the center of the first post to the center of the second post. Actual module length is 1½" longer than cataloged length.

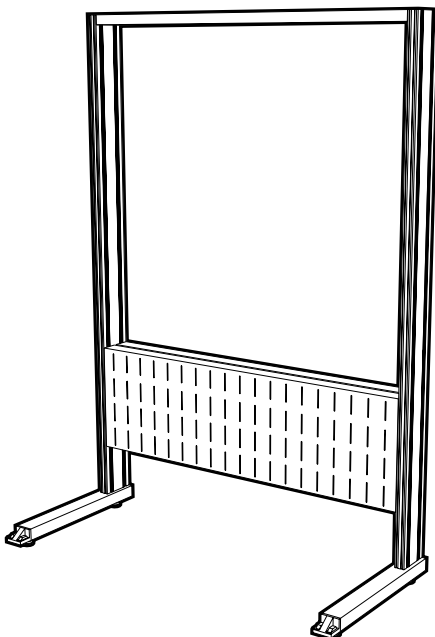
Worksurface Tops, Shelves, and Service Fittings must be ordered separately.

Single-Sided Starter Module with Worksurface Frames



Module Length	Actual Length	for 23" Deep Frames	for 26" Deep Frames
36"	37⅝"	FC30M843036N	FC30M843336N
42"	43⅝"	FC30M843042N	FC30M843342N
48"	49⅝"	FC30M843048N	FC30M843348N
54"	55⅝"	FC30M843054N	FC30M843354N
60"	61⅝"	FC30M843060N	FC30M843360N
66"	67⅝"	FC30M843066N	FC30M843366N
72"	73⅝"	FC30M843072N	FC30M843372N

Single-Sided Starter Module without Worksurface Frames



Module Length	Actual Length	for 23" Deep Frames	for 26" Deep Frames
36"	37⅝"	FC31M843036N	FC31M843336N
42"	43⅝"	FC31M843042N	FC31M843342N
48"	49⅝"	FC31M843048N	FC31M843348N
54"	55⅝"	FC31M843054N	FC31M843354N
60"	61⅝"	FC31M843060N	FC31M843360N
66"	67⅝"	FC31M843066N	FC31M843366N
72"	73⅝"	FC31M843072N	FC31M843372N

Alpha Column Single-Sided Modules

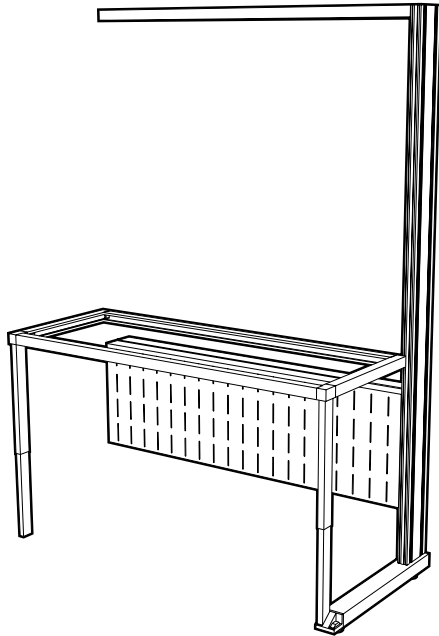
Specifications:

Single-Sided Add-On Modules are designed to be used in addition to a Starter Module to make multi-module assemblies. The six-inch column is 84" high and slotted on 1" centers to accept the Worksurface Frame or Shelving. Each Starter Module contains one column end post, two modesty panels, and a top rail. Modules may be ordered either with or without Worksurface Frames.

Modules are available in lengths from 36" to 72" in 6" increments. Lengths are based on distance from the center of the first post to the center of the second post. Actual module length is 1 $\frac{5}{8}$ " longer than cataloged length.

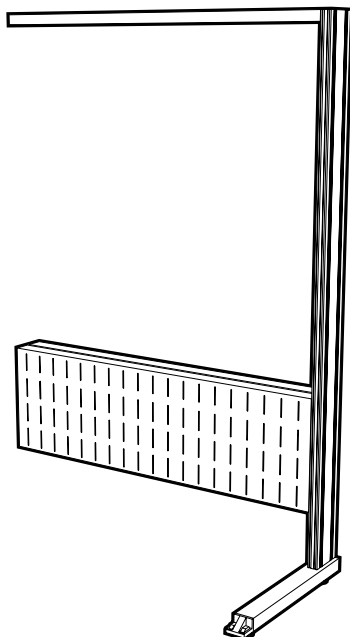
Worksurface Tops, Shelves, and Service Fittings must be ordered separately.

Single-Sided Add-On Module with Worksurface Frames



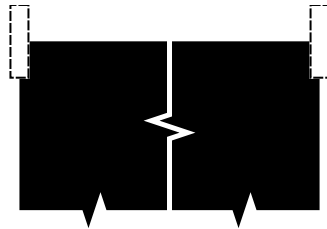
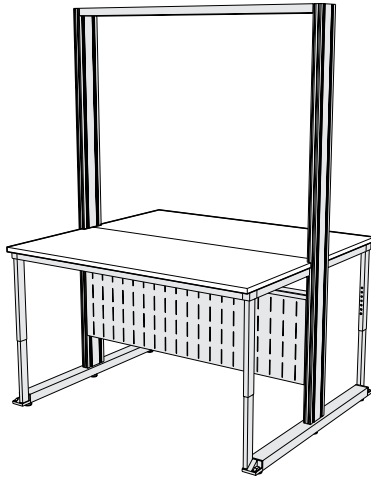
Module Length	for 23" Deep Frames	for 26" Deep Frames
36"	FC35M843036N	FC35M843336N
42"	FC35M843042N	FC35M843342N
48"	FC35M843048N	FC35M843348N
54"	FC35M843054N	FC35M843354N
60"	FC35M843060N	FC35M843360N
66"	FC35M843066N	FC35M843366N
72"	FC35M843072N	FC35M843372N

Single-Sided Add-On Module without Worksurface Frames



Module Length	for 23" Deep Frames	for 26" Deep Frames
36"	FC36M843036N	FC36M843336N
42"	FC36M843042N	FC36M843342N
48"	FC36M843048N	FC36M843348N
54"	FC36M843054N	FC36M843354N
60"	FC36M843060N	FC36M843360N
66"	FC36M843066N	FC36M843366N
72"	FC36M843072N	FC36M843372N

Alpha Column Worksurface Tops



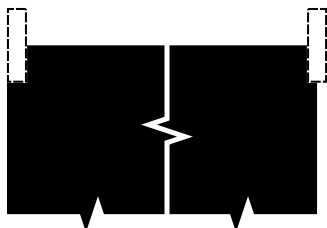
Kemresin Color Option Code

BK = Black **GR = Grey**
PT = Putty **SL = Slate**

Kemresin is available in four standard colors. To specify Kemresin color, place a dash and the two-letter code at the end of the part number.

Example:

FC97R012736N-BK for Black



Kemresin Color Option Code

BK = Black **GR = Grey**
PT = Putty **SL = Slate**

Kemresin is available in four standard colors. To specify Kemresin color, place a dash and the two-letter code at the end of the part number.

Example:

FC97R012736L-BK for Black

Specifications:

Worksurface Tops are available in modular sizes to match the Worksurface Frames and are available in four configurations.

- With no overhang on either end (flush with Worksurface rails) for use on center section of assembly runs.

- Flush with Column Posts on either left or right end for use against walls or other tables or equipment.

- Flush with Column Posts on both ends for use on stand alone workstations.

Standard Tops with no Overhang on Ends

27" Deep with 3" Rear Overhang for Double-Sided Assemblies

Length	Kemresin®	Phenolic Resin - Black
36"	FC97R012736N	FC97T012736N
42"	FC97R012742N	FC97T012742N
48"	FC97R012748N	FC97T012748N
54"	FC97R012754N	FC97T012754N
60"	FC97R012760N	FC97T012760N
66"	FC97R012766N	FC97T012766N
72"	FC97R012772N	FC97T012772N

30" Deep with 3" Rear Overhang for Double-Sided Assemblies

Length	Kemresin®	Phenolic Resin- Black
36"	FC97R013036N	FC97T013036N
42"	FC97R013042N	FC97T013042N
48"	FC97R013048N	FC97T013048N
54"	FC97R013054N	FC97T013054N
60"	FC97R013060N	FC97T013060N
66"	FC97R013066N	FC97T013066N
72"	FC97R013072N	FC97T013072N

Tops Flush with Column Post on Left End

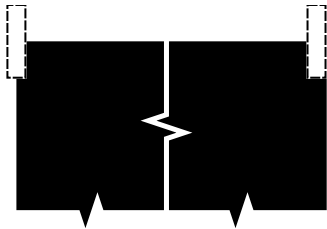
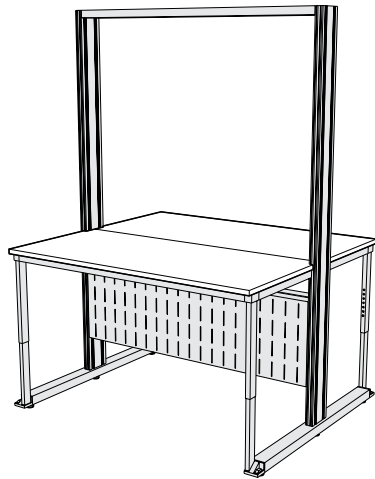
27" Deep with 3" Rear Overhang for Double-Sided Assemblies

Length	Kemresin®	Phenolic Resin - Black
36"	FC97R012736L	FC97T012736L
42"	FC97R012742L	FC97T012742L
48"	FC97R012748L	FC97T012748L
54"	FC97R012754L	FC97T012754L
60"	FC97R012760L	FC97T012760L
66"	FC97R012766L	FC97T012766L
72"	FC97R012772L	FC97T012772L

30" Deep with 3" Rear Overhang for Double-Sided Assemblies

Length	Kemresin®	Phenolic Resin -Black
36"	FC97R013036L	FC97T013036L
42"	FC97R013042L	FC97T013042L
48"	FC97R013048L	FC97T013048L
54"	FC97R013054L	FC97T013054L
60"	FC97R013060L	FC97T013060L
66"	FC97R013066L	FC97T013066L
72"	FC97R013072L	FC97T013072L

Alpha Column Worksurface Tops



Kemresin Color Option Code

BK = Black **GR = Grey**
PT = Putty **SL = Slate**

Kemresin is available in four standard colors. To specify Kemresin color, place a dash and the two-letter code at the end of the part number.

Example:

FC97R012736R-BK for Black

Specifications:

Worksurface Tops are available in modular sizes to match the Worksurface Frames and are available in four configurations.

- With no overhang on either end (flush with Worksurface rails) for use on center section of assembly runs.

- Flush with Column Posts on either left or right end for use against walls or other tables or equipment.

- Flush with Column Posts on both ends for use on stand alone workstations.

Tops Flush with Column Post on Right End

27" Deep with 3" Rear Overhang for Double-Sided Assemblies

Length	Kemresin®	Phenolic Resin - Black
36"	FC97R012736R	FC97T012736R
42"	FC97R012742R	FC97T012742R
48"	FC97R012748R	FC97T012748R
54"	FC97R012754R	FC97T012754R
60"	FC97R012760R	FC97T012760R
66"	FC97R012766R	FC97T012766R
72"	FC97R012772R	FC97T012772R

30" Deep with 3" Rear Overhang for Double-Sided Assemblies

Length	Kemresin®	Phenolic Resin
36"	FC97R013036R	FC97T013036R
42"	FC97R013042R	FC97T013042R
48"	FC97R013048R	FC97T013048R
54"	FC97R013054R	FC97T013054R
60"	FC97R013060R	FC97T013060R
66"	FC97R013066R	FC97T013066R
72"	FC97R013072R	FC97T013072R

Tops Flush with Column Posts on Both Ends

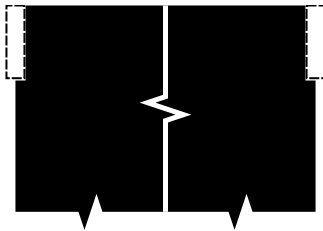
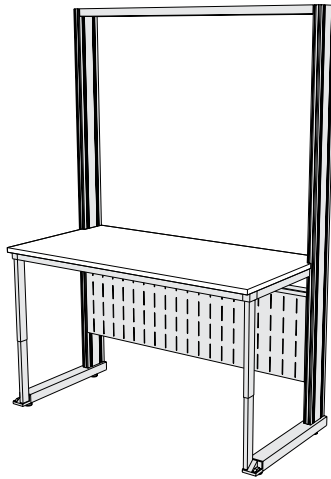
27" Deep with 3" Rear Overhang for Double-Sided Assemblies

Length	Kemresin®	Phenolic Resin - Black
36"	FC97R012736B	FC97T012736B
42"	FC97R012742B	FC97T012742B
48"	FC97R012748B	FC97T012748B
54"	FC97R012754B	FC97T012754B
60"	FC97R012760B	FC97T012760B
66"	FC97R012766B	FC97T012766B
72"	FC97R012772B	FC97T012772B

30" Deep with 3" Rear Overhang for Double-Sided Assemblies

Length	Kemresin®	Phenolic Resin - Black
36"	FC97R013036B	FC97T013036B
42"	FC97R013042B	FC97T013042B
48"	FC97R013048B	FC97T013048B
54"	FC97R013054B	FC97T013054B
60"	FC97R013060B	FC97T013060B
66"	FC97R013066B	FC97T013066B
72"	FC97R013072B	FC97T013072B

Alpha Column Worksurface Tops



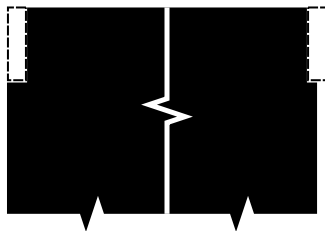
Kemresin Color Option Code

BK = Black **GR = Grey**
PT = Putty **SL = Slate**

Kemresin is available in four standard colors. To specify Kemresin color, place a dash and the two-letter code at the end of the part number.

Example:

FC98R013036N-BK for Black



Kemresin Color Option Code

BK = Black **GR = Grey**
PT = Putty **SL = Slate**

Kemresin is available in four standard colors. To specify Kemresin color, place a dash and the two-letter code at the end of the part number.

Example:

FC98R013036L-BK for Black

Specifications:

Worksurface Tops are available in modular sizes to match the Worksurface Frames and are available in four configurations.

- With no overhang on either end (flush with Worksurface rails) for use on center section of assembly runs.

- Flush with Column Posts on either left or right end for use against walls or other tables or equipment.

- Flush with Column Posts on both ends for use on stand alone workstations.

Standard Tops with no Overhangs on Ends

30" Deep with 6" Rear Overhang for Single-Sided Assemblies

Length	Kemresin®	Phenolic Resin - Black
36"	FC98R013036N	FC98T013036N
42"	FC98R013042N	FC98T013042N
48"	FC98R013048N	FC98T013048N
54"	FC98R013054N	FC98T013054N
60"	FC98R013060N	FC98T013060N
66"	FC98R013066N	FC98T013066N
72"	FC98R013072N	FC98T013072N

33" Deep with 6" Rear Overhang for Single-Sided Assemblies

Length	Kemresin®	Phenolic Resin - Black
36"	FC98R013336N	FC98T013336N
42"	FC98R013342N	FC98T013342N
48"	FC98R013348N	FC98T013348N
54"	FC98R013354N	FC98T013354N
60"	FC98R013360N	FC98T013360N
66"	FC98R013366N	FC98T013366N
72"	FC98R013372N	FC98T013372N

Tops Flush with Column Post on Left End

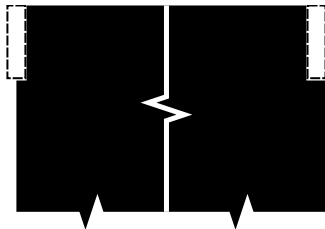
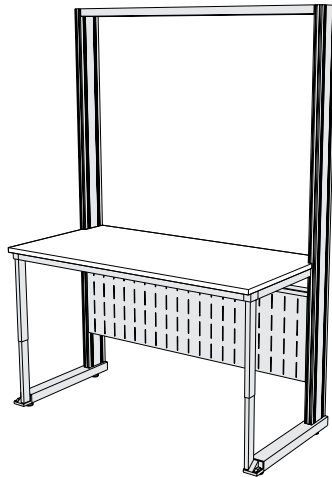
30" Deep with 6" Rear Overhang for Single-Sided Assemblies

Length	Kemresin®	Phenolic Resin - Black
36"	FC98R013036L	FC98T013036L
42"	FC98R013042L	FC98T013042L
48"	FC98R013048L	FC98T013048L
54"	FC98R013054L	FC98T013054L
60"	FC98R013060L	FC98T013060L
66"	FC98R013066L	FC98T013066L
72"	FC98R013072L	FC98T013072L

33" Deep with 6" Rear Overhang for Single-Sided Assemblies

Length	Kemresin®	Phenolic Resin - Black
36"	FC98R013336L	FC98T013336L
42"	FC98R013342L	FC98T013342L
48"	FC98R013348L	FC98T013348L
54"	FC98R013354L	FC98T013354L
60"	FC98R013360L	FC98T013360L
66"	FC98R013366L	FC98T013366L
72"	FC98R013372L	FC98T013372L

Alpha Column Worksurface Tops



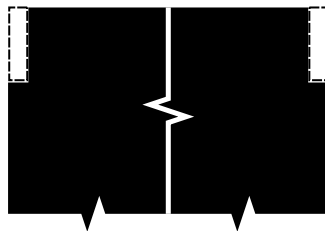
Kemresin Color Option Code

BK = Black **GR = Grey**
PT = Putty **SL = Slate**

Kemresin is available in four standard colors. To specify Kemresin color, place a dash and the two-letter code at the end of the part number.

Example:

FC98R013036R-BK for Black



Kemresin Color Option Code

BK = Black **GR = Grey**
PT = Putty **SL = Slate**

Kemresin is available in four standard colors. To specify Kemresin color, place a dash and the two-letter code at the end of the part number.

Example:

FC98R013036B-BK for Black

Specifications:

Worksurface Tops are available in modular sizes to match the Worksurface Frames and are available in four configurations.

- With no overhang on either end (flush with Worksurface rails) for use on center section of assembly runs.

- Flush with Column Posts on either left or right end for use against walls or other tables or equipment.

- Flush with Column Posts on both ends for use on stand alone workstations.

Tops Flush with Column Post on Right End

23" Deep with 6" Rear Overhang for Single-Sided Assemblies

Length	Kemresin®	Phenolic Resin - Black
36"	FC98R013036R	FC98T013036R
42"	FC98R013042R	FC98T013042R
48"	FC98R013048R	FC98T013048R
54"	FC98R013054R	FC98T013054R
60"	FC98R013060R	FC98T013060R
66"	FC98R013066R	FC98T013066R
72"	FC98R013072R	FC98T013072R

33" Deep with 6" Rear Overhang for Single-Sided Assemblies

Length	Kemresin®	Phenolic Resin - Black
36"	FC98R013336R	FC98T013336R
42"	FC98R013342R	FC98T013342R
48"	FC98R013348R	FC98T013348R
54"	FC98R013354R	FC98T013354R
60"	FC98R013360R	FC98T013360R
66"	FC98R013366R	FC98T013366R
72"	FC98R013372R	FC98T013372R

Tops Flush with Column Posts on Both Ends

30" Deep with 6" Rear Overhang for Single-Sided Assemblies

Length	Kemresin®	Phenolic Resin - Black
36"	FC98R013036B	FC98T013036B
42"	FC98R013042B	FC98T013042B
48"	FC98R013048B	FC98T013048B
54"	FC98R013054B	FC98T013054B
60"	FC98R013060B	FC98T013060B
66"	FC98R013066B	FC98T013066B
72"	FC98R013072B	FC98T013072B

33" Deep with 6" Rear Overhang for Single-Sided Assemblies

Length	Kemresin®	Phenolic Resin - Black
36"	FC98R013336B	FC98T013336B
42"	FC98R013342B	FC98T013342B
48"	FC98R013348B	FC98T013348B
54"	FC98R013354B	FC98T013354B
60"	FC98R013360B	FC98T013360B
66"	FC98R013366B	FC98T013366B
72"	FC98R013372B	FC98T013372B

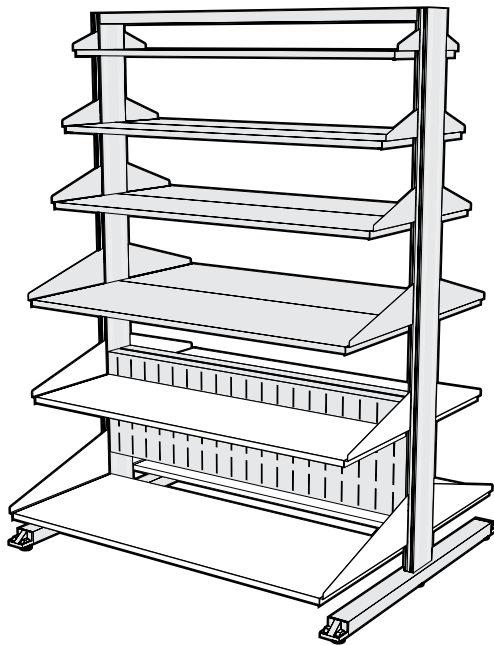
Alpha Column Adjustable Shelf Assemblies

Specifications:

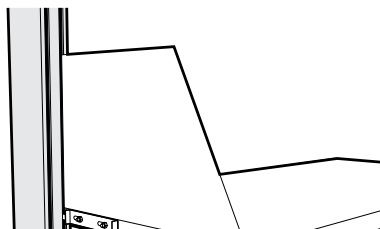
Adjustable Shelf Assemblies with no rear overhang are designed for use in front of the Modesty Panels or when it is desired to leave the six inch column space open. Each Shelf Assembly consists of two 11 gauge steel Shelf Brackets and a 1" thick Shelf, formed from 16 gauge cold rolled steel.

The Shelf attaches to the shelf brackets without the use of screws, bolts, or other hardware using a unique tab and slot system. The system allows the shelf to be mounted with a 1" cord gap at the rear by simply turning the shelf around. The shelf brackets engage the slots in the column and are adjustable in 1" increments.

Adjustable Shelf Assemblies with No Rear Overhang



6" Deep Shelf with 6" Brackets		18" Deep Shelf with 18" Brackets	
Length			
36"	FC21M030636N		FC21M061836N
42"	FC21M030642N		FC21M061842N
48"	FC21M030648N		FC21M061848N
54"	FC21M030654N		FC21M061854N
60"	FC21M030660N		FC21M061860N
66"	FC21M030666N		
72"	FC21M030672N		
9" Deep Shelf with 9" Brackets		21" Deep Shelf with 21" Brackets	
Length			
36"	FC21M040936N		FC21M072136N
42"	FC21M040942N		FC21M072142N
48"	FC21M040948N		FC21M072148N
54"	FC21M040954N		FC21M072154N
60"	FC21M040960N		FC21M072160N
66"	FC21M040966N		
72"	FC21M040972N		
12" Deep Shelf with 12" Brackets		24" Deep Shelf with 24" Brackets	
Length			
36"	FC21M051236N		FC21M072436N
42"	FC21M051242N		FC21M072442N
48"	FC21M051248N		FC21M072448N
54"	FC21M051254N		FC21M072454N
60"	FC21M051260N		FC21M072460N
66"	FC21M051266N		
72"	FC21M051272N		
15" Deep Shelf with 15" Brackets			
Length			
36"	FC21M061536N		
42"	FC21M061542N		
48"	FC21M061548N		
54"	FC21M061554N		
60"	FC21M061560N		
66"	FC21M061566N		
72"	FC21M061572N		



Optional Shelf Locking Tab

Sliding tab mounted on Shelf Bracket locks shelf into Module Upright to keep it from being accidentally removed.

To specify, add an **-K** to the end of the Shelf Assembly part number.
Example: **FC21M051236N-K**

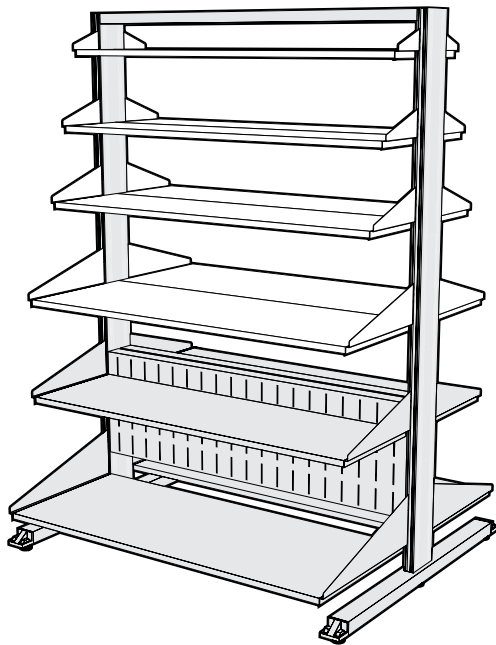
Alpha Column Adjustable Shelf Assemblies

Specifications:

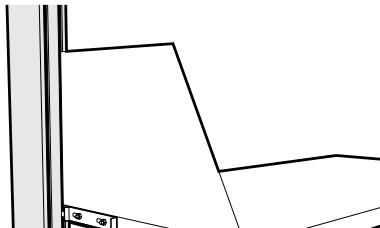
Adjustable Shelf Assemblies for Double-Sided Alpha Columns are three inches deeper than the Shelf Bracket to allow the Shelves on opposite sides of the column to form a continuous surface. Each Shelf Assembly consists of two 11 gauge steel Shelf Brackets and a 1" thick Shelf, formed from 16 gauge cold rolled steel.

The Shelf attaches to the Shelf Brackets without the use of screws, bolts, or other hardware using a unique tab and slot system. The system allows the shelf to be mounted with a 1" cord gap at the rear by simply turning the shelf around. The shelf brackets engage the slots in the column and are adjustable in 1" increments.

Adjustable Shelf Assemblies with 3" Rear Overhang



9" Deep Shelf with 6" Brackets		18" Deep Shelf with 15" Brackets
Length		
36"	FC21M030636T	FC21M061536T
42"	FC21M030642T	FC21M061542T
48"	FC21M030648T	FC21M061548T
54"	FC21M030654T	FC21M061554T
60"	FC21M030660T	FC21M061560T
66"	FC21M030666T	
72"	FC21M030672T	
12" Deep Shelf with 9" Brackets		21" Deep Shelf with 18" Brackets
Length		
36"	FC21M040936T	FC21M061836T
42"	FC21M040942T	FC21M061842T
48"	FC21M040948T	FC21M061848T
54"	FC21M040954T	FC21M061854T
60"	FC21M040960T	FC21M061860T
66"	FC21M040966T	
72"	FC21M040972T	
15" Deep Shelf with 12" Brackets		24" Deep Shelf with 21" Brackets
Length		
36"	FC21M051236T	FC21M072136T
42"	FC21M051242T	FC21M072142T
48"	FC21M051248T	FC21M072148T
54"	FC21M051254T	FC21M072154T
60"	FC21M051260T	FC21M072160T
66"	FC21M051266T	
72"	FC21M051272T	



Optional Shelf Locking Tab

Sliding tab mounted on Shelf Bracket locks shelf into Module Upright to keep it from being accidentally removed.

To specify, add an **-K** to the end of the Shelf Assembly part number.
Example: **FC21M051236T-K**

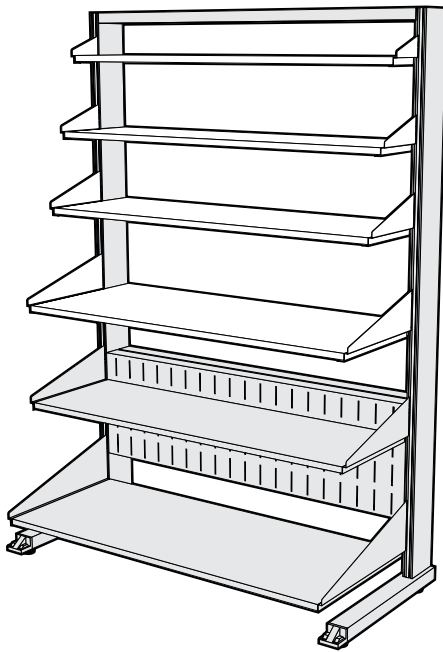
Alpha Column Adjustable Shelf Assemblies

Specifications:

Adjustable Shelf Assemblies for Single-Sided Alpha Columns are six inches deeper than the Shelf Bracket to allow the shelf to pass through to the rear of the column. Each Shelf Assembly consists of two 11 gauge steel Shelf Brackets and a 1" thick Shelf, formed from 16 gauge cold rolled steel.

The Shelf attaches to the Shelf Brackets without the use of screws, bolts, or other hardware using a unique tab and slot system. The system allows the shelf to be mounted with a 1" cord gap at the rear by simply turning the shelf around. The shelf brackets engage the slots in the column and are adjustable in 1" increments.

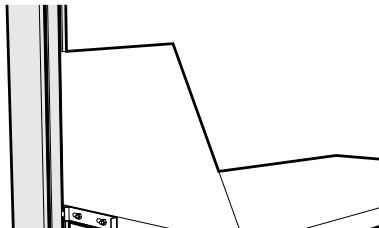
Adjustable Shelf Assemblies with 6" Rear Overhang



12" Deep Shelf with 6" Brackets		21" Deep Shelf with 15" Brackets	
Length			
36"	FC21M030636S		FC21M061536S
42"	FC21M030642S		FC21M061542S
48"	FC21M030648S		FC21M061548S
54"	FC21M030654S		FC21M061554S
60"	FC21M030660S		FC21M061560S
66"	FC21M030666S		
72"	FC21M030672S		

15" Deep Shelf with 9" Brackets		24" Deep Shelf with 18" Brackets	
Length			
36"	FC21M040936S		FC21M061836S
42"	FC21M040942S		FC21M061842S
48"	FC21M040948S		FC21M061848S
54"	FC21M040954S		FC21M061854S
60"	FC21M040960S		FC21M061860S
66"	FC21M040966S		
72"	FC21M040972S		

18" Deep Shelf with 12" Brackets	
Length	
36"	FC21M051236S
42"	FC21M051242S
48"	FC21M051248S
54"	FC21M051254S
60"	FC21M051260S



Optional Shelf Locking Tab

Sliding tab mounted on Shelf Bracket locks shelf into Module Upright to keep it from being accidentally removed.

To specify, add an **-K** to the end of the Shelf Assembly part number.
Example: **FC21M051236S-K**

Service Tunnels & Worksurface Frames

Specifications:

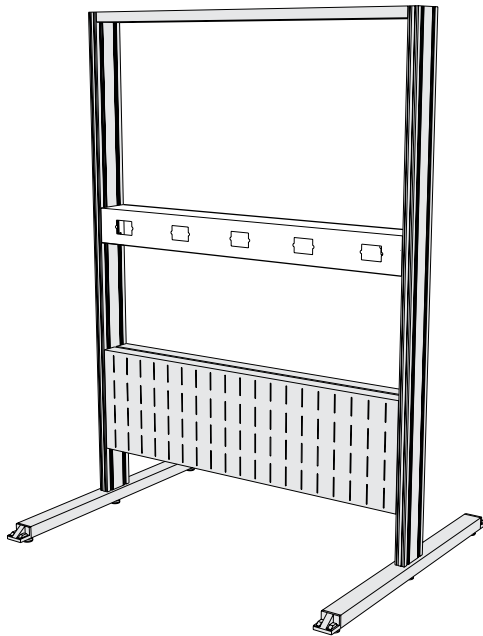
Service Tunnels may be added to any Alpha Column Module to create an electrical panel for both power and data. Tunnels are 6" high and 6" deep and contain standard electrical cutouts as shown below.

Worksurface Frames may be added to any Alpha Column Module to create Worksurface from 30" to 37" high, adjustable on 1" centers. Alpha Column Modules may be ordered with the Worksurface Frames included, or they may be ordered separately for reconfiguration.

Electrical Devices must be ordered separately.

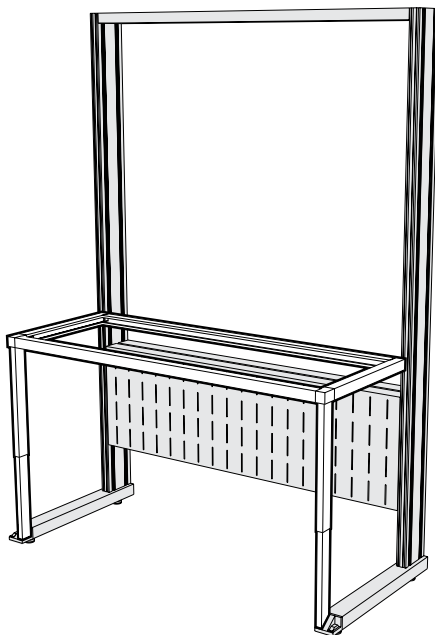
Worksurface Tops must be ordered separately.

Service Tunnel



Length	Part Number	Cutouts
36"	FC40M060636N	3 per side
42"	FC40M060642N	3 per side
48"	FC40M060648N	4 per side
54"	FC40M060654N	4 per side
60"	FC40M060660N	5 per side
66"	FC40M060666N	5 per side
72"	FC40M060672N	6 per side

Worksurface Frames with Front Support Legs



Length	23" Deep Frame	26" Deep Frame
36"	FC80M372336N	FC80M372636N
42"	FC80M372342N	FC80M372642N
48"	FC80M372348N	FC80M372648N
54"	FC80M372354N	FC80M372654N
60"	FC80M372360N	FC80M372660N
66"	FC80M372366N	FC80M372666N
72"	FC80M372372N	FC80M372672N

Service Options

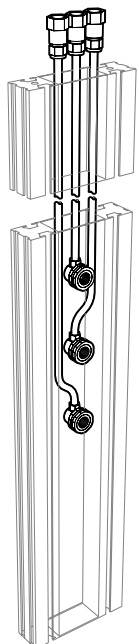
Specifications:

Internal Service Tubes are required to mount services on the Alpha Column Legs. They are factory installed and consist of either copper or stainless steel $\frac{1}{4}$ " tubing with a female $\frac{3}{8}$ " IPS outlet escutcheon, mounted in the leg, and a female $\frac{3}{8}$ " IPS inlet, at the top of the leg. They are available in three lengths that correspond to the three mounting locations in the leg.

Ball Valves are chrome plated brass and provide on/off control of gas, air, or vacuum at pressures up to 75 PSI.

Needle Point Cocks are chrome plated brass with a brass floating cone and integral brass seat. They provide metering control of laboratory gases at pressures up to 60 PSI.

Internal Service Tubes



Copper Tube

for non-burning gases

$\frac{3}{8}$ " IPS Female Inlet — $\frac{3}{8}$ " IPS Female Outlet

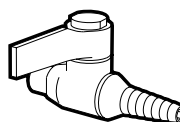
Length	Part Number
40"	W-3320-40 top hole
44"	W-3320-44 middle hole
48"	W-3320-48 bottom hole

Stainless Steel Tube

for natural & reactive gases

$\frac{3}{8}$ " IPS Female Inlet — $\frac{3}{8}$ " IPS Female Outlet

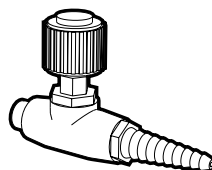
Length	Part Number
40"	W-3420-40 top hole
44"	W-3420-44 middle hole
48"	W-3420-48 bottom hole



Ball Valve

$\frac{3}{8}$ " IPS Male Inlet

Part Number	Service
W-0242-0A	Air
W-0242-0G	Gas
W-0242-0N	Nitrogen
W-0242-0R	Argon
W-0242-0V	Vacuum
W-0242-00	Specify

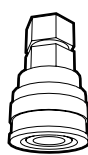


Needle Point Cock

$\frac{3}{8}$ " IPS Male Inlet

Part Number	Service
W-0243-0A	Air
W-0243-0G	Gas
W-0243-0N	Nitrogen
W-0243-0R	Argon
W-0243-0V	Vacuum
W-0243-00	Specify

Keyed Quick-Connect Fittings



Male
Quick-Connect Fitting
 $\frac{3}{8}$ " IPS Male Outlet

Part Number	Key Color
W-8111-K1	Black
W-8111-K2	Orange
W-8111-K3	Green
W-8111-K4	Yellow
W-8111-K5	Blue
W-8111-K6	White
W-8111-K7	Purple
W-8111-K8	Brown

Female
Quick-Connect Fitting
 $\frac{3}{8}$ " IPS Female Inlet

Part Number	Key Color
W-9112-K1	Black
W-9112-K2	Orange
W-9112-K3	Green
W-9112-K4	Yellow
W-9112-K5	Blue
W-9112-K6	White
W-9112-K7	Purple
W-9112-K8	Brown

Keyed Quick-Connect Fittings are available for Hoses and Internal Service Tubes to ease service connection and disconnection during bench relocation. They are available in eight sizes (keys) which keeps service outlets from being connected to the wrong service.

Key Number & Color Code	Standard Service	Female Body Sleeve Dia.		Male Body Sleeve Dia.	
		in.	mm	in.	mm
K1 Black	Helium	1.13	28.7	0.99	25.1
K2 Orange	Air	1.16	29.5	1.02	25.8
K3 Green	Cold Water	1.19	30.2	1.05	26.6
K4 Yellow	Vacuum	1.22	31.0	1.08	27.4
K5 Blue	Gas	1.24	31.5	1.11	28.1
K6 White	—	1.28	32.5	1.14	28.9
K7 Purple	Argon	1.31	33.3	1.17	29.7
K8 Brown	Nitrogen	1.34	34.0	1.20	30.4

Service Accessories

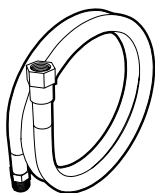
Specifications:

Service Hoses are required to carry services from overhead service carriers to the top of the Support Frame. They are available in reinforced PVC, polyurethane, or braided stainless steel.

Power Cords are required to carry electrical power from the overhead service carriers to the top of the Support Frame. The SJ 12/3 cord is available in various configurations.

Keyed Quick-Connect Fittings are available for Hoses and Internal Service Tubes to ease service connection and disconnection during bench relocation. They are available in eight sizes (keys) which keeps service outlets from being connected to the wrong service.

Service Hoses



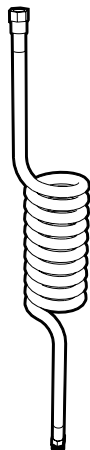
Reinforced PVC Hose

for Non-burning Gases
3/8" IPS Female Inlet
3/8" IPS Male Outlet

Length	Part Number
36"	W-1133-36-__
72"	W-1133-72-__

Color Option Codes

BK = Black **YE** = Yellow
OR = Orange **WH** = White
Add two letter code to end of Part Number to specify color.



Coiled Polyurethane Hose

for Non-burning Gases
3/8" IPS Female Inlet
3/8" IPS Male Outlet
Transparent Light Blue

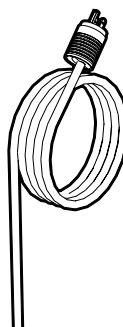
Length	Part Number
72"	W-1533-72

Braided Stainless Steel Hose

for Natural & Reactive Gases
3/8" IPS Female Inlet
3/8" IPS Male Outlet

Length	Part Number
36"	W-1233-36
72"	W-1233-72

Power Cords



Single-circuit 3-wire

20amp/120 VAC

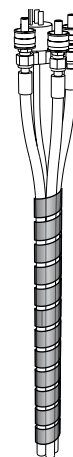
L	Part Number	Plug
36"	W-5621-36	St. Blade
72"	W-5621-72	St. Blade
36"	W-5622-36	Twist-Lock
72"	W-5622-72	Twist-Lock

Dual-circuit 4-wire

20amp/120 VAC

L	Part Number	Plug
36"	W-5624-36	Twist-Lock
72"	W-5624-72	Twist-Lock

Hose/Cord Wrap



Poly Hose Wrap

Spiral wrap for bundling service lines and cords. Expandable from 1" to 2" diameter. May be trimmed to length with scissors.

L	Part Number	Color
36"	F-8250-36-BK	Black
36"	F-8250-36-NA	Natural
72"	F-8250-72-BK	Black
72"	F-8250-72-NA	Natural

Steel and Wood Cabinets

Storage cabinets can be found in their own catalogs.

Research Collection Steel Furniture and Signature Series Wood Furniture

Steel Base Cabinets

- Electrostatically applied, chemical resistant, powder coat finish available in colors to compliment any laboratory environment
- Heavy gauge formed and welded steel cabinet body construction provides strength and durability
- One piece drawer body, radiused all four sides
- Furnished standard with 100 lb. load rated, full-extension, soft-close drawer slides
- One-piece case bottom and horizontal front rail
- Furnished standard with finished back
- Exclusive positive door catch option
- Five-knuckle, semi-concealed, and concealed hinges available

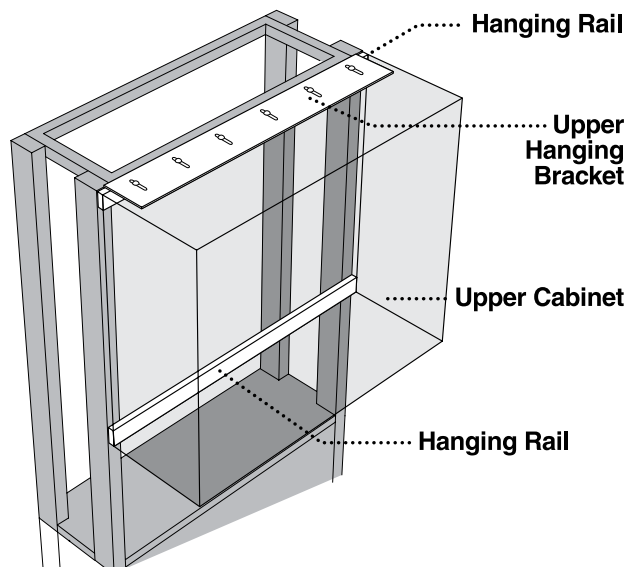
Wood Base Cabinets

- Multiple coat, chemical resistant finish system formulated to highlight the natural grain patterns
- Dovetailed drawer construction with nine-ply hardwood plywood drawer sides
- $\frac{3}{4}$ " seven-ply hardwood plywood end panels, bottom and shelf, with solid hardwood facing
- Full extension, ball bearing, 100 lb. load rated, drawer slides, standard on all drawers and pullboards.
- $\frac{3}{4}$ " seven-ply hardwood plywood finished back dadoed into end panels and bottom
- Institutional type five-knuckle offset door hinges rated for 150 pound loads



Upper & Full Height Storage Cabinets

Upper Cabinet Hanging System



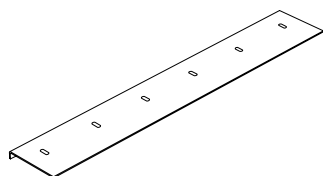
With the use of an Upper Hanging Bracket and a pair of Hanging Rails, Kewaunee's standard Wall Cabinets can be mounted on Alpha System's Structural Module. Two Hanging Rails are snapped into the Upper Carrier upright slots. The Upper Hanging Bracket bolts to the top of the upper cabinet which then hangs on the upper Hanging Rail. The lower Hanging Rail allows the bottom of the cabinet to be securely fastened to the module. This system allows the Upper Cabinet to be moved both vertically and horizontally on the Structural Module.

Hanging Rails and Upper Hanging Brackets, are finished to match the Structural Module and furnished with all required hardware.

Hanging Rails are furnished in pairs.

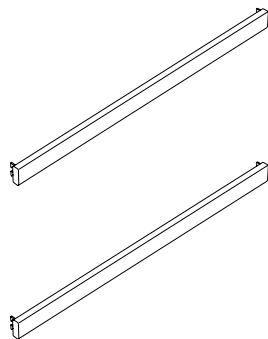
Order the appropriate Upper Hanging Bracket in the same length as the Upper Cabinet. The Hanging Rails must be the same length as the Structural Module.

Upper Hanging Bracket



Length	Part Number
18"	F48M040118N
24"	F48M040124N
30"	F48M040130N
36"	F48M040136N
42"	F48M040142N
48"	F48M040148N

Hanging Rails



Length	Part Number	
24"	F49M020124N	1 pair
30"	F49M020130N	1 pair
36"	F49M020136N	1 pair
42"	F49M020142N	1 pair
48"	F49M020148N	1 pair
54"	F49M020154N	1 pair
60"	F49M020160N	1 pair
66"	F49M020166N	1 pair
72"	F49M020172N	1 pair

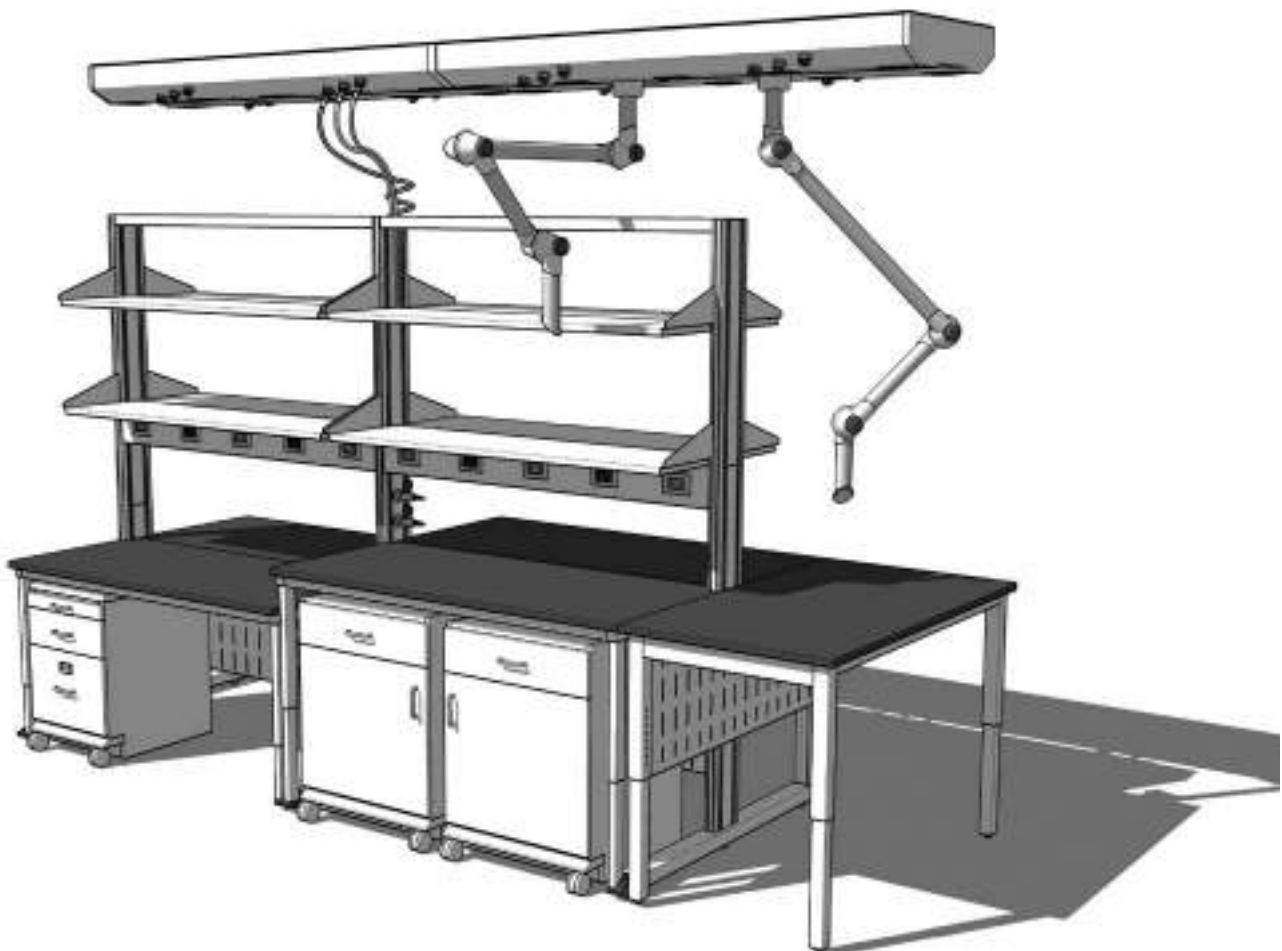
Overhead Service Carriers

- **Service Enclosures**

Suspended sheet metal enclosure able to accommodate most laboratory plumbing, electrical, data, and localized exhaust requirements. May be pre-plumbed and pre-wired for easy single-point connection at jobsite.

- **Ceiling Service Panels**

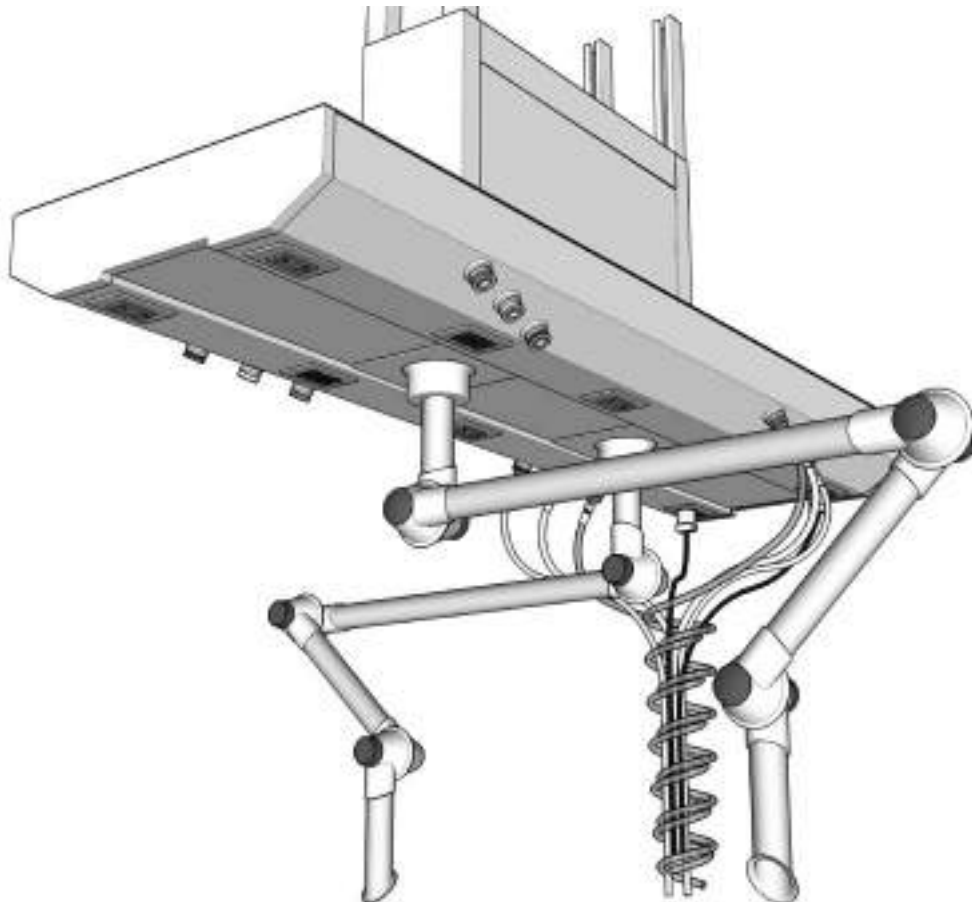
Designed to integrate into a standard ceiling grid providing a low cost method of delivering plumbing, electrical, and data to today's laboratory bench.



Service Enclosures

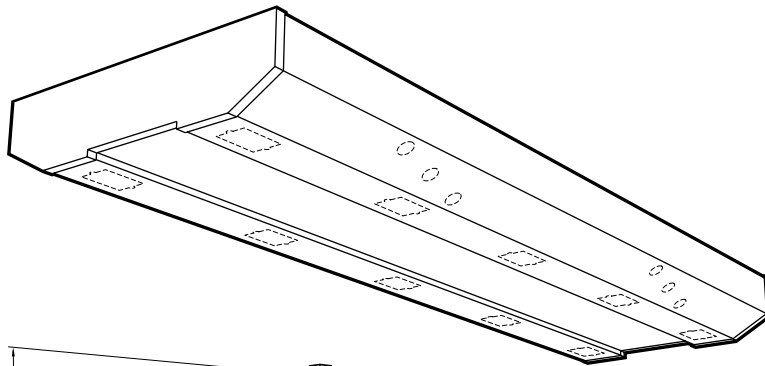
Features:

- Compact design able to integrate multiple plumbing, power, lighting, data, and localized exhaust elements
- Available pre-plumbed and pre-wired
- Power components are UL listed, and pre-wiring is available
- Accommodates localized fume extraction devices
- Accommodates light fixtures
- Sections may be assembled in the field for continuous runs
- Mounts to standard strut components and hardware
- Available in all standard powder finish colors
- Customized to meet your project requirements
- Accommodates all lab services including:
 - Common gases, air, vacuum, and water
 - High purity and special gases
 - Power and data
 - Lighting
 - Exhaust
- Accepts multiple fitting options including:
 - Standard or fine control valves
 - Pressure gauges and regulators
 - Quick-connect valves
 - Quick-connect fittings and hoses
 - Communication and data outlets
 - Electrical service outlets
 - Shut-off valves

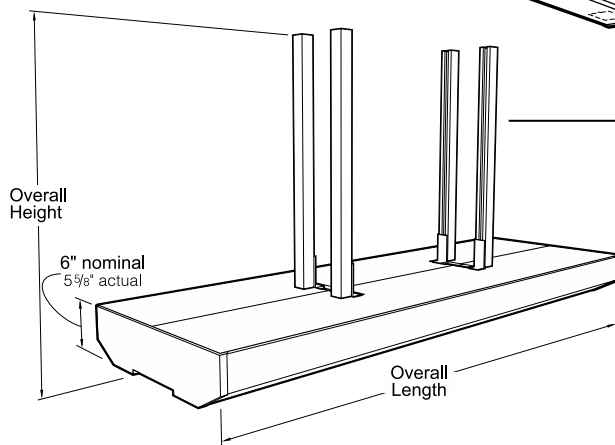


Service Enclosures

Service Enclosure



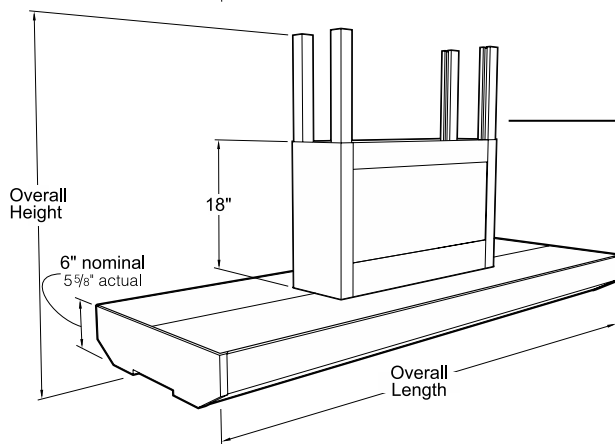
- Available in up to 8 foot lengths
- Sections may be joined together to make continuous runs
- Specify service and fixture cutouts and locations
- Sections may be pre-plumbed and pre-wired to a single point of connection
- Three configurations available.
- Order service fittings and electrical fixtures separately



Open Support Struts

SC21M **24**

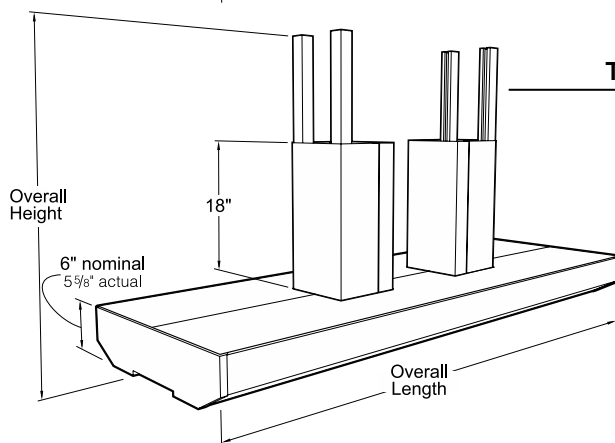
Overall Height	Depth	Overall Length
18 = 18"	18 = 18"	36 = 36"
24 = 24"	24 = 24"	48 = 48"
30 = 30"		60 = 60"
36 = 36"		72 = 72"
42 = 42"		96 = 96"
48 = 48"		
54 = 54"		



24" Vertical Pipe Chase

SC22M **24**

Overall Height	Depth	Overall Length
30 = 30"	18 = 18"	36 = 36"
36 = 36"	24 = 24"	48 = 48"
42 = 42"		60 = 60"
48 = 48"		72 = 72"
54 = 54"		96 = 96"



Twin 8" Vertical Pipe Chases

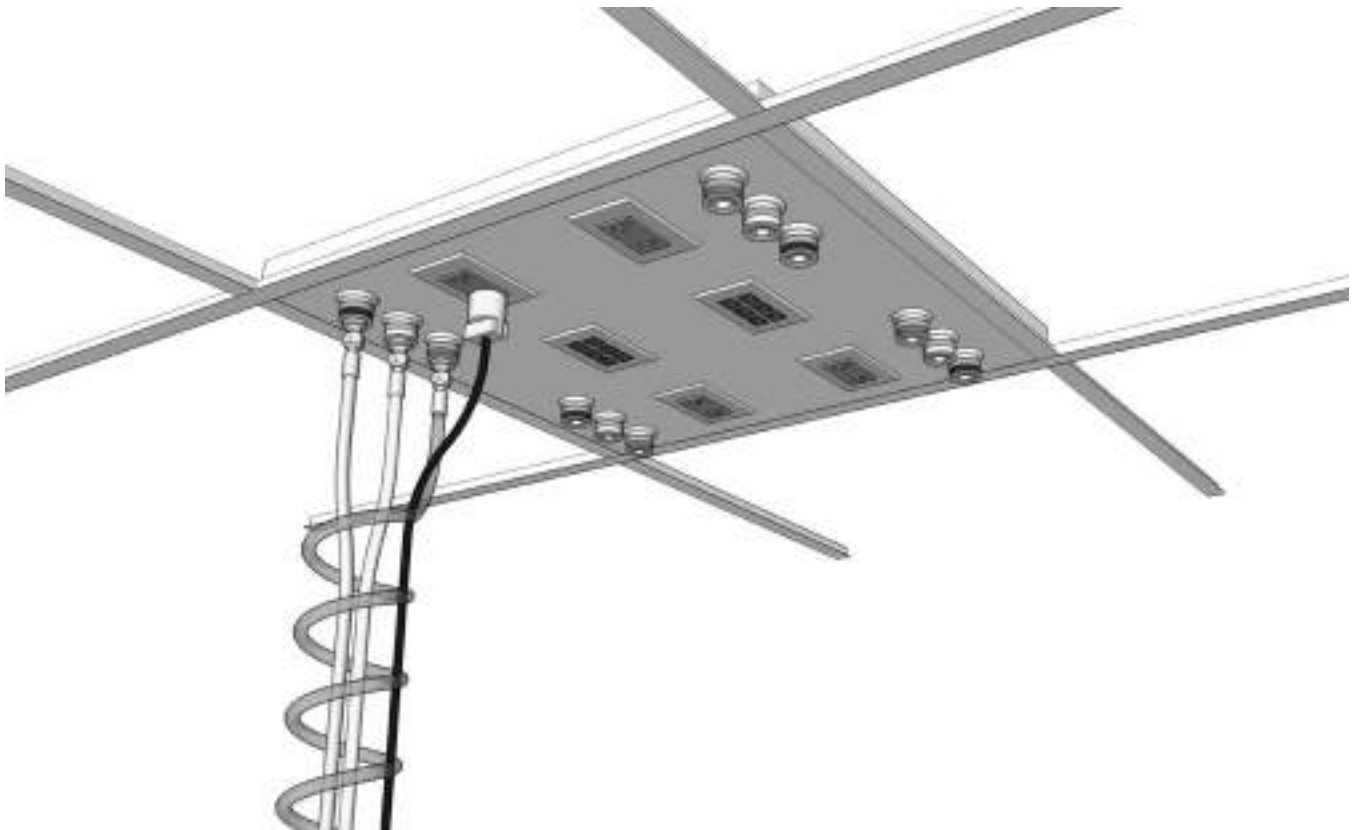
SC23M **24**

Overall Height	Depth	Overall Length
30 = 30"	18 = 18"	36 = 36"
36 = 36"	24 = 24"	48 = 48"
42 = 42"		60 = 60"
48 = 48"		72 = 72"
54 = 54"		96 = 96"

Ceiling Service Panels

Features:

- Designed to integrate into common ceiling grids providing a low cost method of delivering plumbings, electrical, and data services to the lab bench
- Fits in standard 2' x 2' and 2' x 4' ceiling grids
- Power components are UL listed
- Available in standard powder coat finish colors
- May be customized to meet your project requirements
- Accommodates multiple lab services including:
 - Common gases, air, vacuum, and water
 - High purity and special gases
 - Power and data
- Accepts multiple fitting options including:
 - Standard or fine control valves
 - Pressure gauges and regulators
 - Quick-connect valves
 - Quick-connect fittings and hoses
 - Communication and data outlets
 - Electrical service outlets



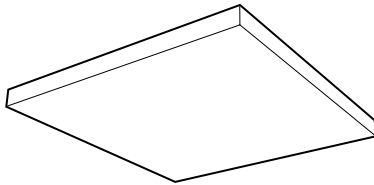
Ceiling Service Panels and Accessories

Ceiling Service Panels are fabricated from powder coated 16 gauge steel in two sizes to fit standard ceiling grid. They can be punched to accept most electrical, data, or service fittings. **Fittings and Fixtures must be ordered separately.**

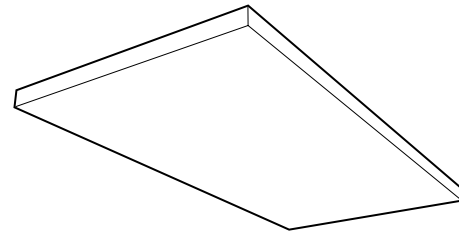
Electrical Fixtures are furnished complete with device, box and cover plate. They may be supplied loose or installed.

Keyed Quick-Connect Fittings are available for Hoses to ease service connection and disconnection during bench relocation. They are available in eight sizes (keys) which keeps service outlets from being connected to the wrong service.

Ceiling Service Panels

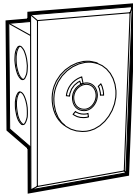


Part Number	Dimensions (HxDxL)
SC10M022424	1½" x 24" x 24"



Part Number	Dimensions (HxDxL)
SC10M022448	1½" x 24" x 48"

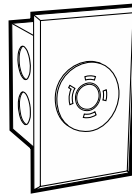
Electrical & Data Fixtures



Twist-lock
Single-circuit 20 amp

Part Number	Color
0620-1K	Black

NEMA L5-20 3-wire, specification grade, 120 VAC, 20 amp, single receptacle.

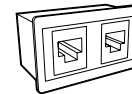


Dual-circuit
Twist-lock 20 amp

Part Number	Color
0624-1K	Black

NEMA L14-20 4-wire, specification grade receptacle. Capable of carrying two 120 VAC, 20 amp circuits.

Note: Check local electrical codes for compliance.



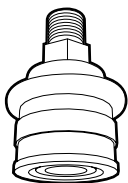
RJ45 8P8C
Data/Comm Outlet

Part Number	Category	Color
0720-0K-6	Cat-6	Black
0720-0V-6	Cat-6	Ivory
0720-0K-6a	Cat-6a	Black
0720-0V-6a	Cat-6a	Ivory

(2) RJ45 8P8C Outlets
Fits in 1¼" x 2" cutout.

Panel Mouted Keyed Quick-connect Fittings

for use on
Enclosures & Panels



Female
Panel Mount
⅜" IPS Male

Part Number	Key Color
W-9122-K1	Black
W-9122-K2	Orange
W-9122-K3	Green
W-9122-K4	Yellow
W-9122-K5	Blue
W-9122-K6	White
W-9122-K7	Purple
W-9122-K8	Brown

Keyed Quick-connect Fittings

Key Number & Color Code	Standard Service	Female Body Sleeve Dia.		Male Body Sleeve Dia.	
		in	mm	in	mm
K1 Black	Helium	1.13	28.7	0.99	25.1
K2 Orange	Air	1.16	29.5	1.02	25.8
K3 Green	Water	1.19	30.2	1.05	26.6
K4 Yellow	Vacuum	1.22	31.0	1.08	27.4
K5 Blue	Gas	1.24	31.5	1.11	28.1
K6 White	—	1.28	32.5	1.14	28.9
K7 Purple	Argon	1.31	33.3	1.17	29.7
K8 Brown	Nitrogen	1.34	34.0	1.20	30.4

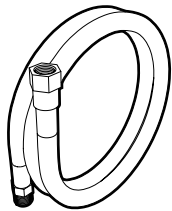
Service Carrier & Panel Accessories

Service Hoses are available in reinforced PVC, polyurethane, or braided stainless steel. PVC hoses are available in 9 colors to match quick-connect color codes.

Specify PVC hose color by placing color code at end of hose part number. **Example:** W-1133-36-02 for Orange hose

Power Cords are available in various lengths and configurations.

Extension Service Hoses



Reinforced PVC Hose
for Non-burning Gases
3/8" IPS Female Inlet
3/8" IPS Male Outlet

Length	Part Number
36"	W-1133-36-0_
48"	W-1133-48-0_
60"	W-1133-60-0_
72"	W-1133-72-0_
96"	W-1133-96-0_

Hose Colors

Color Code	Color	Color Code	Color
01	Black	06	White
02	Orange	07	Purple
03	Green	08	Brown
04	Yellow	09	Clear
05	Blue		

Hose/Cord Wrap

Braided Stainless Steel Hose

for Natural & Reactive Gases
3/8" IPS Female Inlet
3/8" IPS Male Outlet

Length	Part Number
36"	W-1233-36-00
48"	W-1233-48-00
60"	W-1233-60-00
72"	W-1233-72-00
96"	W-1233-96-00

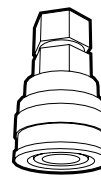
Keyed Quick-connect Fittings for Hoses

Male Hose Mounted Quick-connect Fitting
3/8" IPS Male



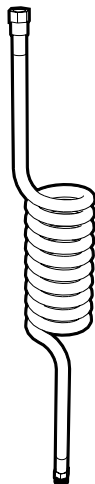
Part Number	Key Color
W-8111-K1	Black
W-8111-K2	Orange
W-8111-K3	Green
W-8111-K4	Yellow
W-8111-K5	Blue
W-8111-K6	White
W-8111-K7	Purple
W-8111-K8	Brown

Female Hose Mounted Quick-connect Fitting
3/8" IPS Female



Part Number	Key Color
W-9112-K1	Black
W-9112-K2	Orange
W-9112-K3	Green
W-9112-K4	Yellow
W-9112-K5	Blue
W-9112-K6	White
W-9112-K7	Purple
W-9112-K8	Brown

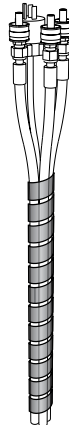
Coiled Hose



Coiled Polyurethane Hose
for Non-burning Gases
3/8" IPS Female Inlet
3/8" IPS Male Outlet

Length	Part Number
72"	W-1533-72

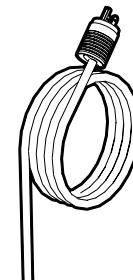
Hose Wrap



Poly Hose Wrap
Spiral wrap for bundling service lines and cords. Expandable from 1" to 2" diameter. May be trimmed to length with scissors.

L	Part Number	Color
36"	F-8250-36-BK	Black
36"	F-8250-36-NA	Natural
72"	F-8250-72-BK	Black
72"	F-8250-72-NA	Natural

Power Cords



Single-circuit 3-wire
120 VAC — 20A — NEMA L5-20

Length	Part Number	Plug Type
36"	W-5622-36	Twist-Lock
48"	W-5622-48	Twist-Lock
60"	W-5622-60	Twist-Lock
72"	W-5622-72	Twist-Lock
96"	W-5622-96	Twist-Lock

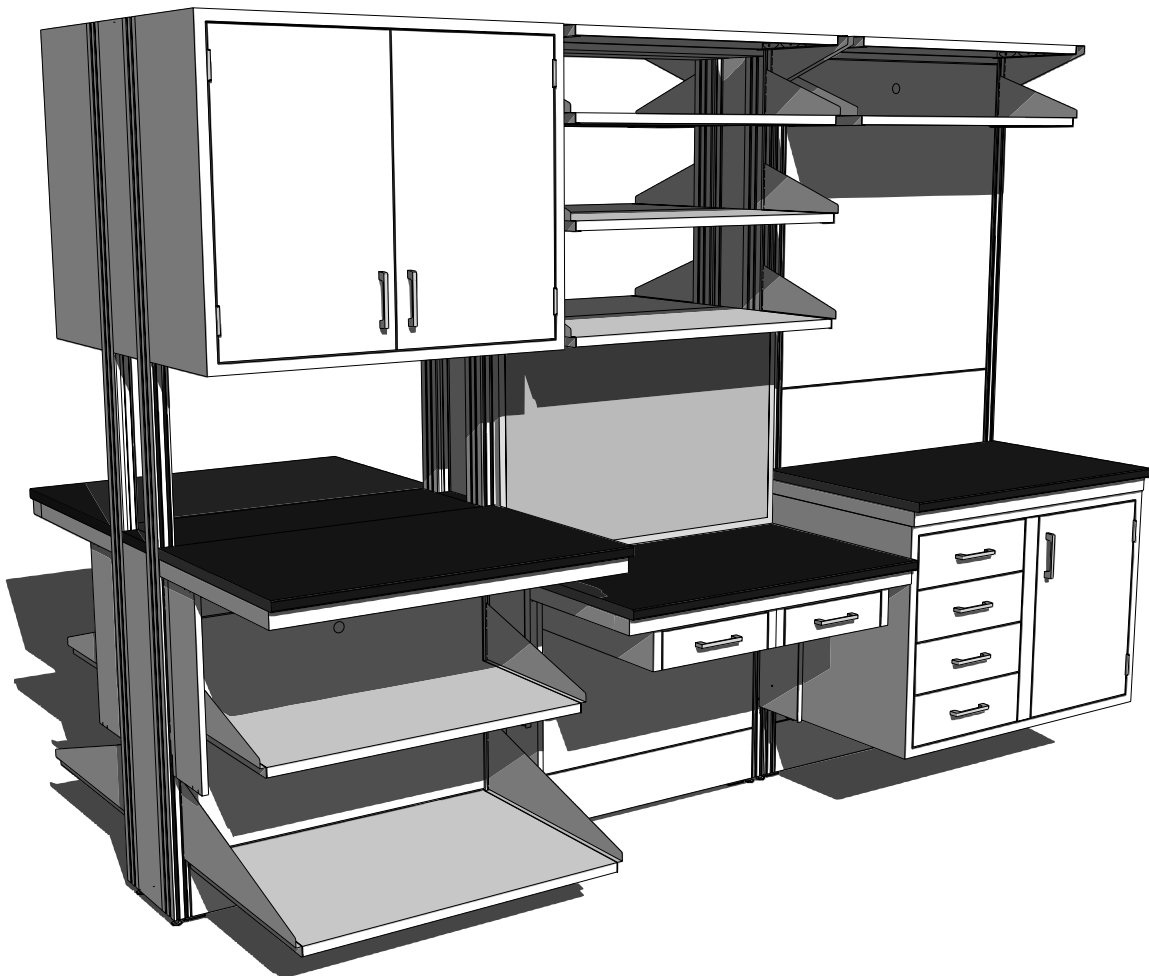
Dual-circuit 4-wire
120 VAC — 20A — NEMA L14-20

Length	Part Number	Plug Type
36"	W-5624-36	Twist-Lock
48"	W-5624-48	Twist-Lock
60"	W-5624-60	Twist-Lock
72"	W-5624-72	Twist-Lock
96"	W-5624-96	Twist-Lock

Alpha System Accessories

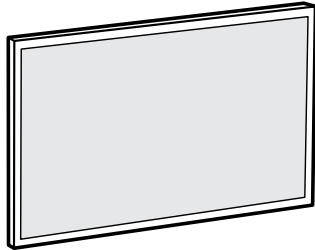
Features:

- Tackboards
- Markerboards
- Pegboards
- Hanging Brackets
- Heavy Duty Benches
- Motorized Adjustable Height Bench
- Rack Mount Equipment Cabinet
- Undercounter Refrigerators & Freezers
- Balance Tables
- Key Cases
- Base Molding
- Service Fittings
- Water Faucets
- Distilled/Deionized Water Faucets
- Laboratory Safety Fittings
- Vandal-Resistant Fittings
- Epoxy Resin Cupsinks & Tub Sinks
- Stainless Steel Sinks
- Electrical Fixtures & Pedestals
- Chairs & Stools



Tackboards & Markerboards

Tackboards and Markerboards

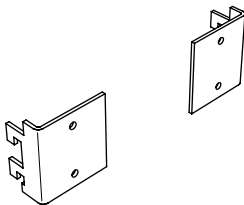


Length	Height	Tackboard	Markerboard
24"	18"	F-5418-24	F-5518-24
30"	18"	F-5418-30	F-5518-30
36"	18"	F-5418-36	F-5518-36
42"	18"	F-5418-42	F-5518-42
48"	18"	F-5418-48	F-5518-48
54"	18"	F-5418-54	F-5518-54
60"	18"	F-5418-60	F-5518-60
66"	18"	F-5418-66	F-5518-66
72"	18"	F-5418-72	F-5518-72
<hr/>			
24"	24"	F-5424-24	F-5524-24
30"	24"	F-5424-30	F-5524-30
36"	24"	F-5424-36	F-5524-36
42"	24"	F-5424-42	F-5524-42
48"	24"	F-5424-48	F-5524-48
54"	24"	F-5424-54	F-5524-54
60"	24"	F-5424-60	F-5524-60
66"	24"	F-5424-66	F-5524-66
72"	24"	F-5424-72	F-5524-72
<hr/>			
24"	30"	F-5430-24	F-5530-24
30"	30"	F-5430-30	F-5530-30
36"	30"	F-5430-36	F-5530-36
42"	30"	F-5430-42	F-5530-42
48"	30"	F-5430-48	F-5530-48
54"	30"	F-5430-54	F-5530-54
60"	30"	F-5430-60	F-5530-60
66"	30"	F-5430-66	F-5530-66
72"	30"	F-5430-72	F-5530-72

Tackboards, Markerboards and Pegboards may be attached to Modules using either Hanging Rails or Hanging Brackets.

Order Brackets or Rails separately.

Hanging Brackets

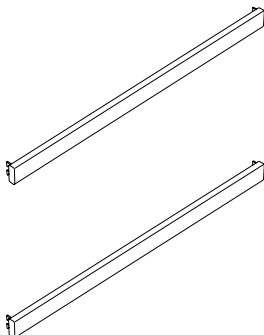


Part Number

1 pair **F47M020103N**

Hanging Brackets are designed to attach Tackboards, Markerboards, and other lightweight accessories to the slots on the Module Uprights. Furnished in pairs.

Hanging Rails



Length

Part Number

24"	F49M020124N	1 pair
30"	F49M020130N	1 pair
36"	F49M020136N	1 pair
42"	F49M020142N	1 pair
48"	F49M020148N	1 pair
54"	F49M020154N	1 pair
60"	F49M020160N	1 pair
66"	F49M020166N	1 pair
72"	F49M020172N	1 pair

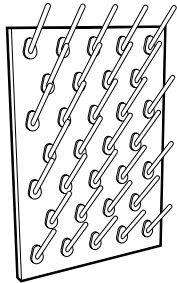
Laboratory Pegboards

Kemresin Laboratory Pegboards









Resin Pegboards add -FIN to end of Part Number for Finished Back

Peg Colors: Black-BK, White-WH

Pegboard Colors: Black-BK, Slate-SL, Grey-GR, Putty-PT



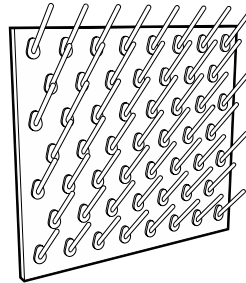
Pegboard without Drip Trough
29" High x 1" Thick x 20" Long

	Pegboard Color		Peg Color
PBDR290120		—	
PBDR290120		—	
PBDR290120		—	
PBDR290120		—	





Peg Size: 1/2" diameter x 5" long

Peg Material: Polypropylene

Number of Pegs: 32



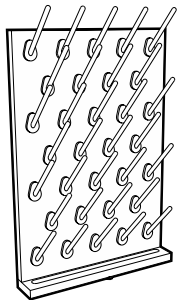
Pegboard without Drip Trough
29" High x 1" Thick x 32" Long

	Pegboard Color		Peg Color
PBDR290132-BK		Black	Black
PBDR290132-GR		Grey	White
PBDR290132-PT		Putty	White
PBDR290132-SL		Slate	White





Peg Size: 1/2" diameter x 5" long

Peg Material: Polypropylene

Number of Pegs: 53



Pegboard with Drip Trough
30" High x 1" Thick x 20" Long

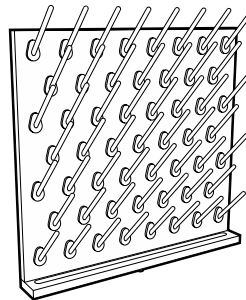
	Pegboard Color		Peg Color
PBDR300420-BK		Black	Black
PBDR300420-GR		Grey	White
PBDR300420-PT		Putty	White
PBDR300420-SL		Slate	White

Peg Size: 1/2" diameter x 5" long

Peg Material: Polypropylene

Number of Pegs: 32

Trough Size: 1" high x 2 1/4" deep



Pegboard with Drip Trough
30" High x 1" Thick x 32" Long

	Pegboard Color		Peg Color
PBDR300432-BK		Black	Black
PBDR300432-GR		Grey	White
PBDR300432-PT		Putty	White
PBDR300432-SL		Slate	White

Peg Size: 1/2" diameter x 5" long

Peg Material: Polypropylene

Number of Pegs: 53

Trough Size: 1" high x 2 1/4" deep



Stainless Steel Drip Trough

for use on

F-2939-00 PBDR290120 Pegboard

Size: 1 1/2"H x 2 1/2"W x 20"L

Material: Type 304 Stainless Steel

Includes: 1/2" OD drain outlet



Stainless Steel Drip Trough

for use on

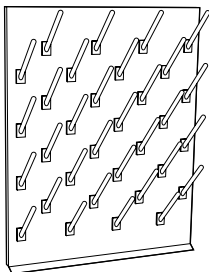
F-2940-00 PBDR290132 Pegboard

Size: 1 1/2"H x 2 1/2"W x 32"L

Material: Type 304 Stainless Steel

Includes: 1/2" OD drain outlet

Type 304 Stainless Steel Laboratory Pegboards



Pegboard without Drip Trough
30" High x 3/4" Thick x 24" Long

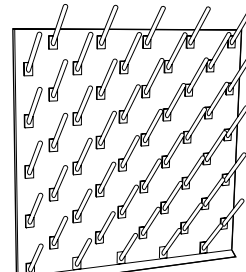
X-020008 with Open Back
X-020010 with Finished Back

Peg Size: 1/2" diameter x 6" long

Peg Material: Polypropylene

Peg Color: White

Number of Pegs: 32



Pegboard without Drip Trough
30" High x 3/4" Thick x 30" Long

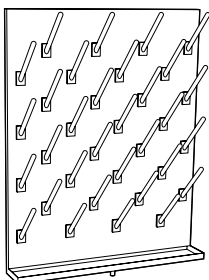
X-020009 with Open Back
X-020011 with Finished Back

Peg Size: 1/2" diameter x 6" long

Peg Material: Polypropylene

Peg Color: White

Number of Pegs: 50



Pegboard with Drip Trough
30" High x 3/4" Thick x 24" Long

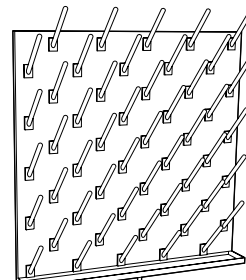
X-020004 with Open Back
X-020006 with Finished Back

Peg Size: 1/2" diameter x 6" long

Peg Material: Polypropylene

Peg Color: White

Number of Pegs: 32



Pegboard with Drip Trough
30" High x 3/4" Thick x 30" Long

X-020005 with Open Back
X-020007 with Finished Back

Peg Size: 1/2" diameter x 6" long

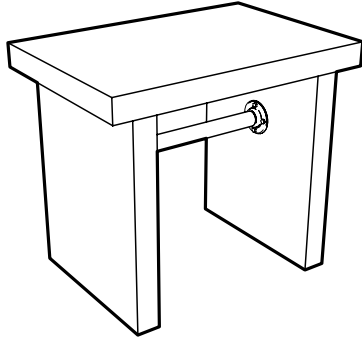
Peg Material: Polypropylene

Peg Color: White

Number of Pegs: 50

Miscellaneous Accessories

Kemresin Balance Table



	30" High x 24" Deep x 35" Long
K7R302435-BK	Black Kemresin
K7R302435-GR	Grey Kemresin
K7R302435-PT	Putty Kemresin
K7R302435-SL	Slate Kemresin

Worktop: 2" Thick Kemresin
Worktop Size: 2" Thick x 24" Deep x 35" Long
Pedestal Legs: 2" Thick Kemresin
Total Weight: 300 pounds

Gillis Stainless Steel Cart



F-5349-00 33 3/8" High x 19" Deep x 31" Long

Shelf Size: (3) 18" Deep x 27" Long
(1" high lip on 3 sides of top & middle shelf)
Capacity: 400 pounds
Casters: (4) Black rubber – 4" Diameter – Swivel

Technical Information

Load Ratings – Assembly Load Maximums

12" Island Module Assembly3400 lbs.

Includes two Cantilevered Frames with or without Suspended Cabinets at 600 lbs. total each and any combination of shelves, suspended upper cabinets and service tunnels.
(Load must be balanced)

6" Partition Module Assembly2800 lbs.

Includes two Cantilevered Frames with or without Suspended Cabinets at 600 lbs. total each and any combination of shelves and/or suspended upper cabinets.
(Load must be balanced)

9" Wall Module Assembly2600 lbs.

Includes Cantilevered Frame, Suspended Cabinet and any combination of shelves, and suspended upper cabinets.

3" Wall Module Assembly2600 lbs.

Includes Cantilevered Frame, Suspended Cabinet and any combination of shelves, and suspended upper cabinets.

Wall Hanging System (per pair of Vertical Uprights).....2000 lbs.

Includes Cantilevered Frame with or without Suspended Cabinets at 600 lbs. total and any combination of shelves and/or suspended upper cabinets.
(Frame must be firmly attached to the building structure)

Alpha Column Assembly2800 lbs.

Includes Leg Supported Frame with or without Suspended Cabinets at 1000 lbs. total and any combination of shelves and/or suspended upper cabinets.

Alpha System Cart 900 lbs.

Includes Cantilevered Frame with or without Suspended Cabinets at 400 lbs. total and any combination of shelves and/or suspended upper cabinets.

Heavy Duty Alpha System Cart.....3000 lbs.

Includes Bottom Shelf at 2000 lbs., (2) Half-Length Cantilevered Frames with or without Suspended Cabinets at 600 lbs. total and any combination of shelves and/or suspended upper cabinets.

Technical Information

Load Ratings – Component Load Maximums

Structural Modules

3" Wall Module Ledge	500 lbs.
9" Wall Module Ledge	500 lbs.
12" Island Module Ledge	500 lbs.
12" Island Module Ledge	500 lbs.
Top of 3" Wall Upper Carrier	500 lbs.
Top of 9" Wall Upper Carrier	500 lbs.
Top of 12" Island Upper Carrier	500 lbs.
Top of 12" Island Upper Carrier	500 lbs.

Alpha System Cart	900 lbs.
Heavy Duty Alpha System Cart	3000 lbs.

Adjustable Shelving

Module Core Shelves	200 lbs.
Module Top Shelves	200 lbs.
Module Shelves	
6"	200 lbs.
9"	200 lbs.
12"	200 lbs.
15"	200 lbs.
18"	200 lbs.
21"	200 lbs.
24"	200 lbs.

Worksurface Frames

Cantilevered Frames – 23" deep	600 lbs.
with Support Angle & Base Cabinet	1700 lbs.
Cantilevered Frames – 29" deep	600 lbs.
Cantilevered Frames – with Down Leg ...	1000 lbs.
Alpha Column Frame – 23" deep	1000 lbs.
Alpha Column Frame – 29" deep	1000 lbs.
Elevation Table Frame	600 lbs.
Adjustable Height Table Frame	1000 lbs.

Suspended Cabinets

Base Cabinets	350 lbs.
Suspended Drawers – Steel	150 lbs.
Suspended Drawers – Wood	100 lbs.
Pullboards	50 lbs.
Keyboard Tray	25 lbs.
Upper Cabinets	350 lbs.

Floor Mounted Cabinets

Base Cabinets (per lineal foot)	500 lbs.
Cabinet drawer (each) - Steel	150 lbs.
Cabinet drawer (each) - Wood	100 lbs.

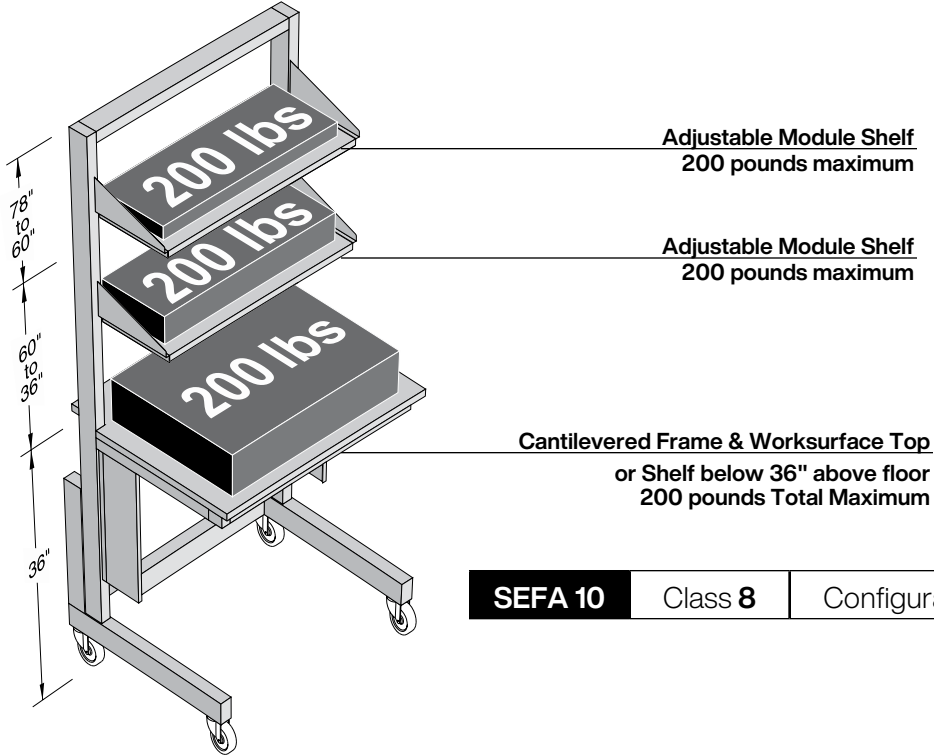
- Maximum load ratings refer to live loads and include loads applied to top of Worksurface and shelves, as well as total weight of suspended cabinetry and accessories.
- Island Module Assembly load maximums are based on assembly being attached to 4" concrete floor using Hex Head, ½" x 4", Lok-Bolts. (www.powers.com)
- Partition Module Assembly load maximums are based on assembly being attached to ceiling and to 4" concrete floor using Hex Head, ½" x 4", Lok-Bolts. (www.powers.com)
- Wall Module Assembly load maximums are based on assembly being attached to walls with blocking at appropriate heights, using fasteners capable of withstanding applied load.
- Wall Hanging System load maximums are based on assembly being attached to walls with blocking at appropriate heights, using fasteners capable of withstanding applied load.
- Maximum load ratings are based on load being evenly distributed along the entire length of the assembly or component.

Technical Information

Load Ratings — Alpha System Carts

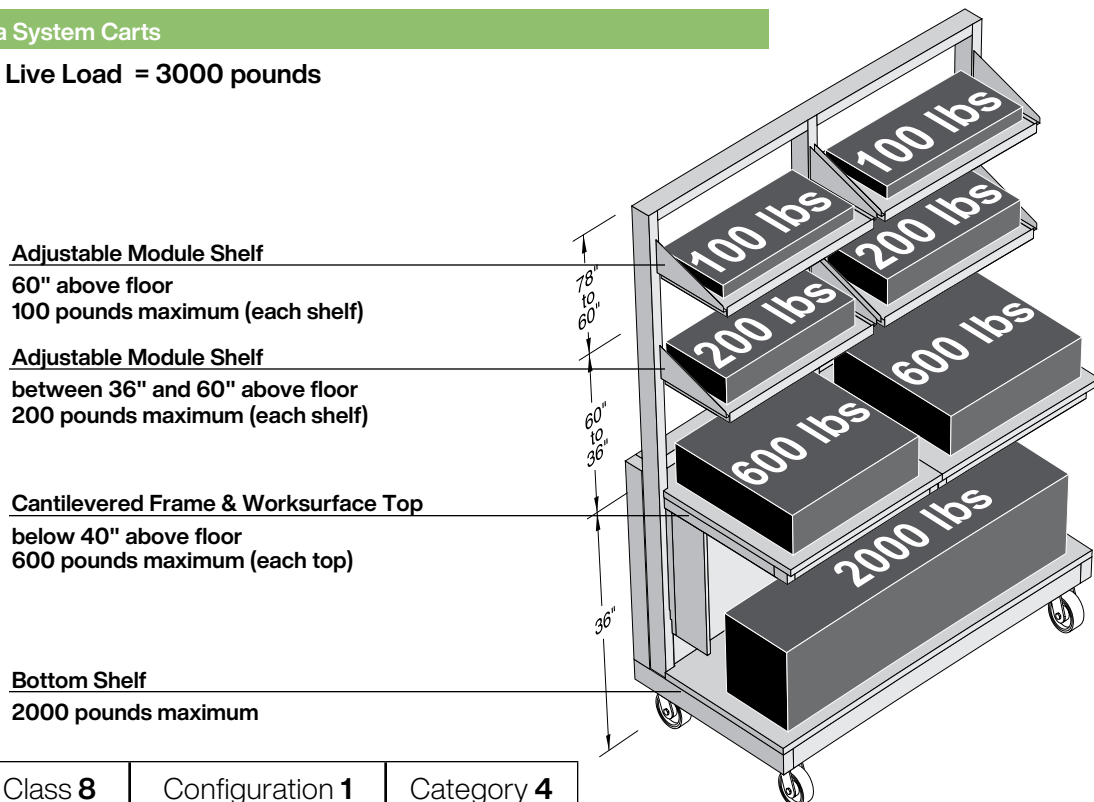
Alpha System Cart Load Rating

Maximum Total Live Load = 600 pounds



Heavy Duty Alpha System Carts

Maximum Total Live Load = 3000 pounds



Technical Information

Load Ratings – 6" Partition Module Assemblies & 6" Alpha Columns

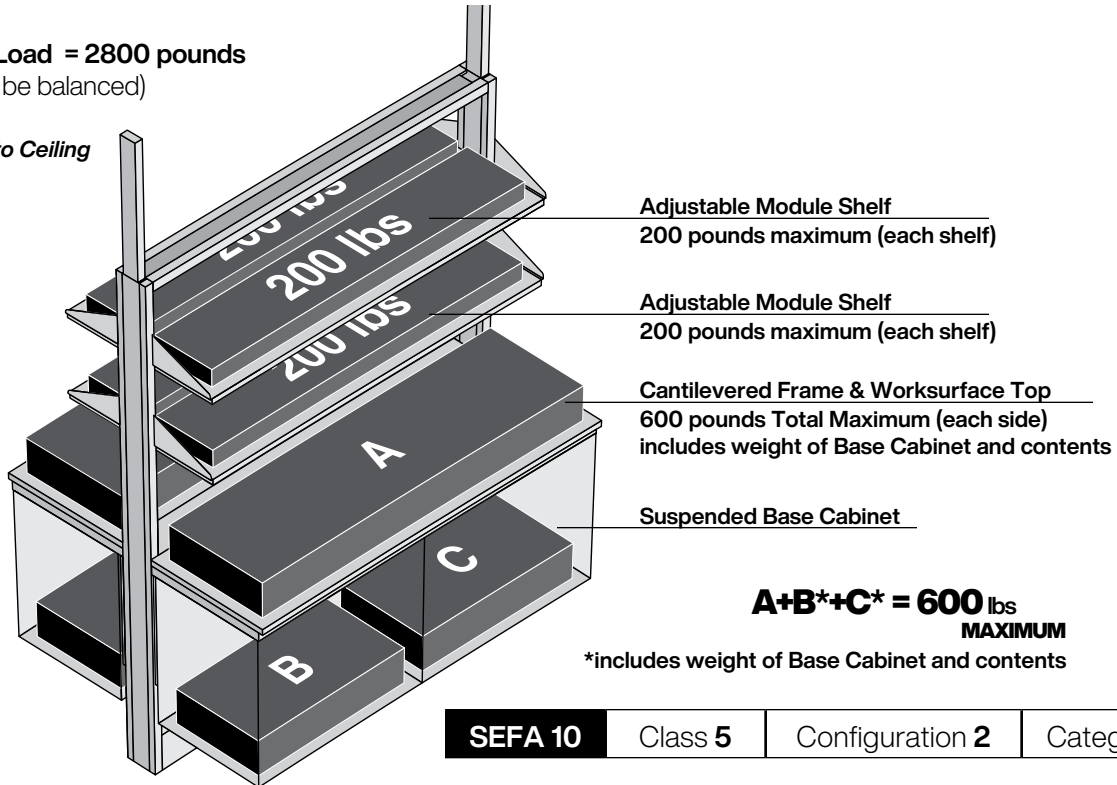
6" Partition Module with 23" & 29" Deep Worksurface Frame

Maximum

Total Live Load = 2800 pounds

(Load must be balanced)

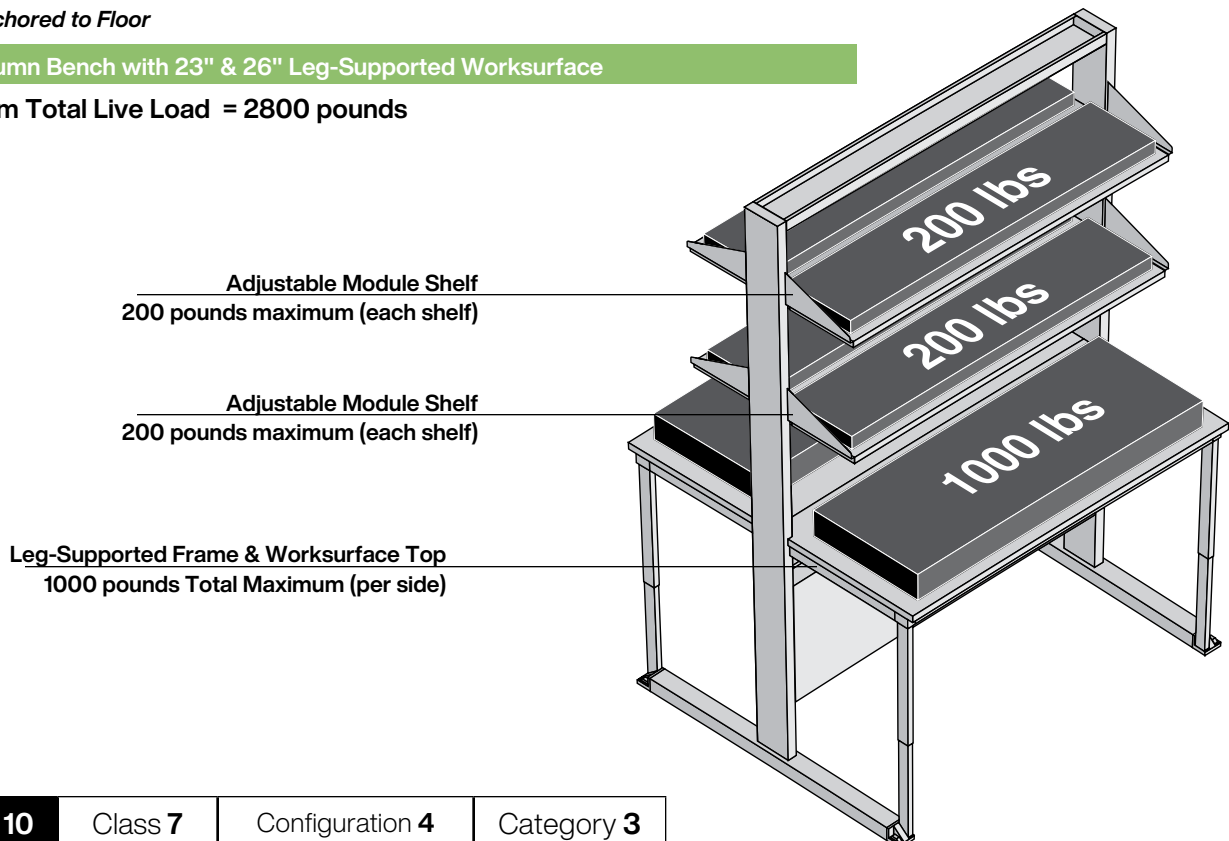
Anchored to Ceiling



Anchored to Floor

Alpha Column Bench with 23" & 26" Leg-Supported Worksurface

Maximum Total Live Load = 2800 pounds



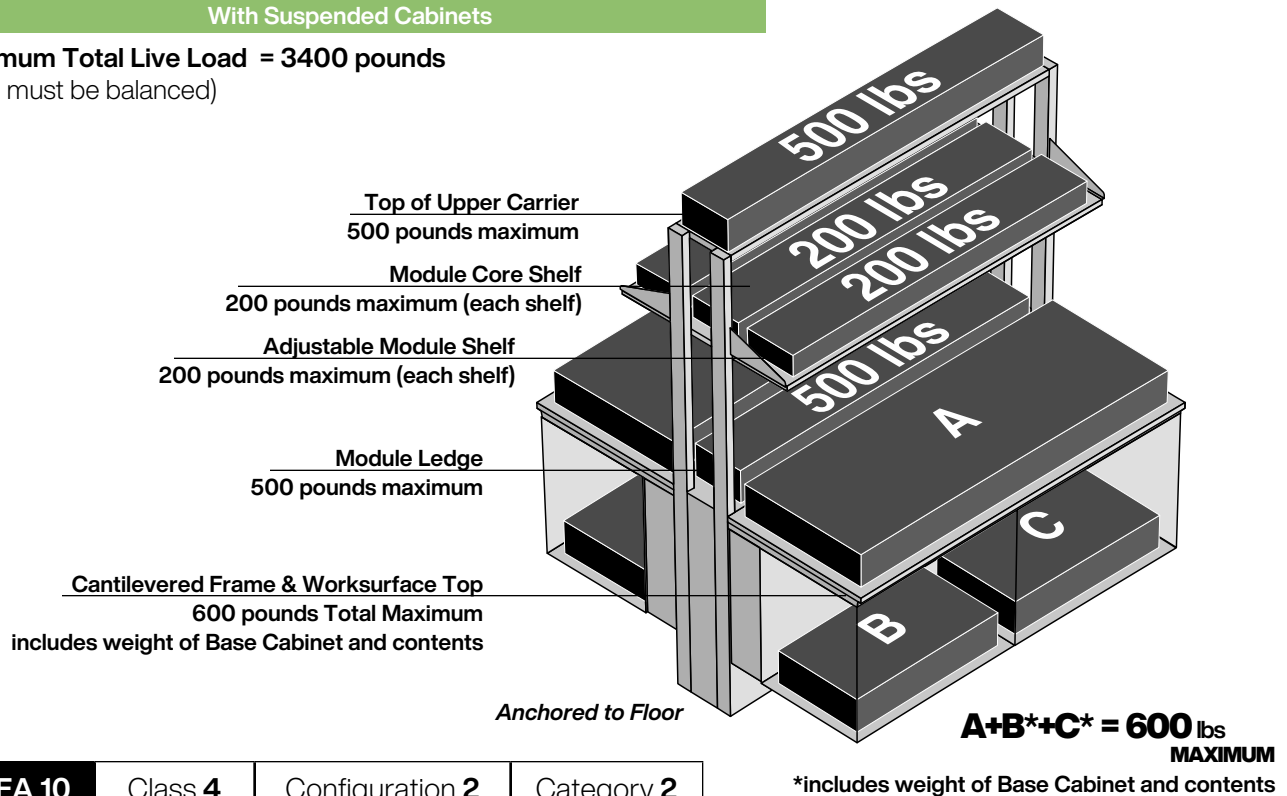
Technical Information

Load Ratings – 12" Island Module Assemblies

With Suspended Cabinets

Maximum Total Live Load = 3400 pounds

(Load must be balanced)

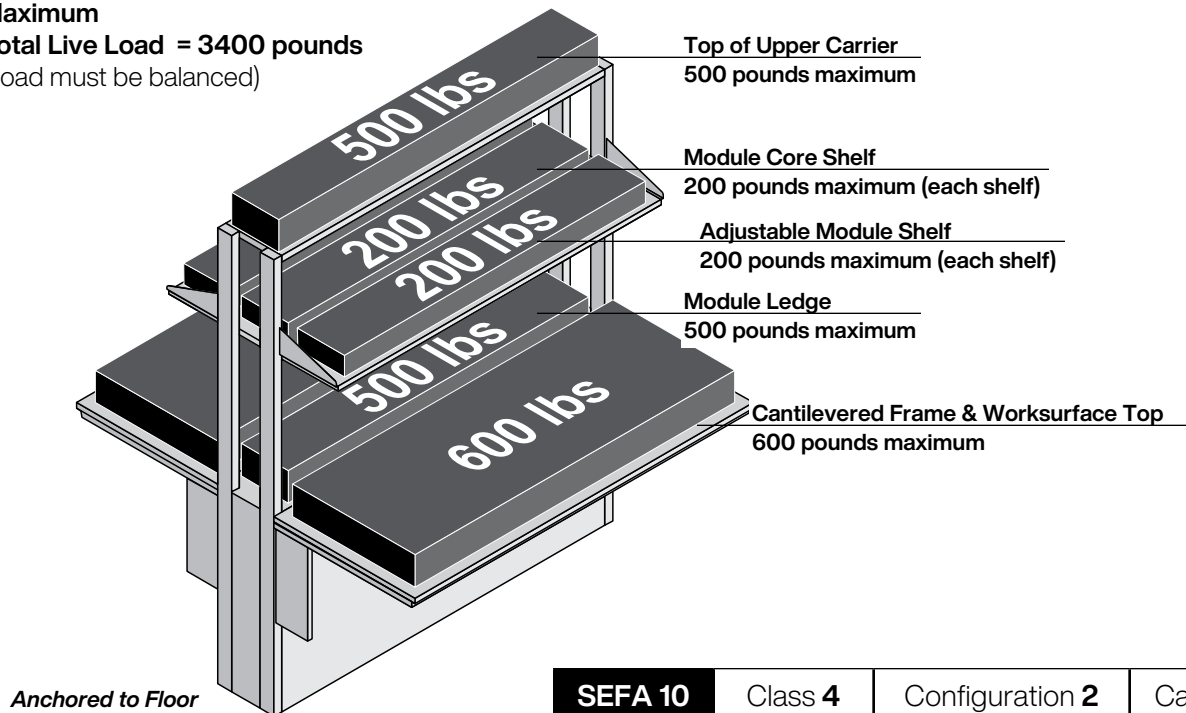


Without Suspended Cabinets

Maximum

Total Live Load = 3400 pounds

(Load must be balanced)

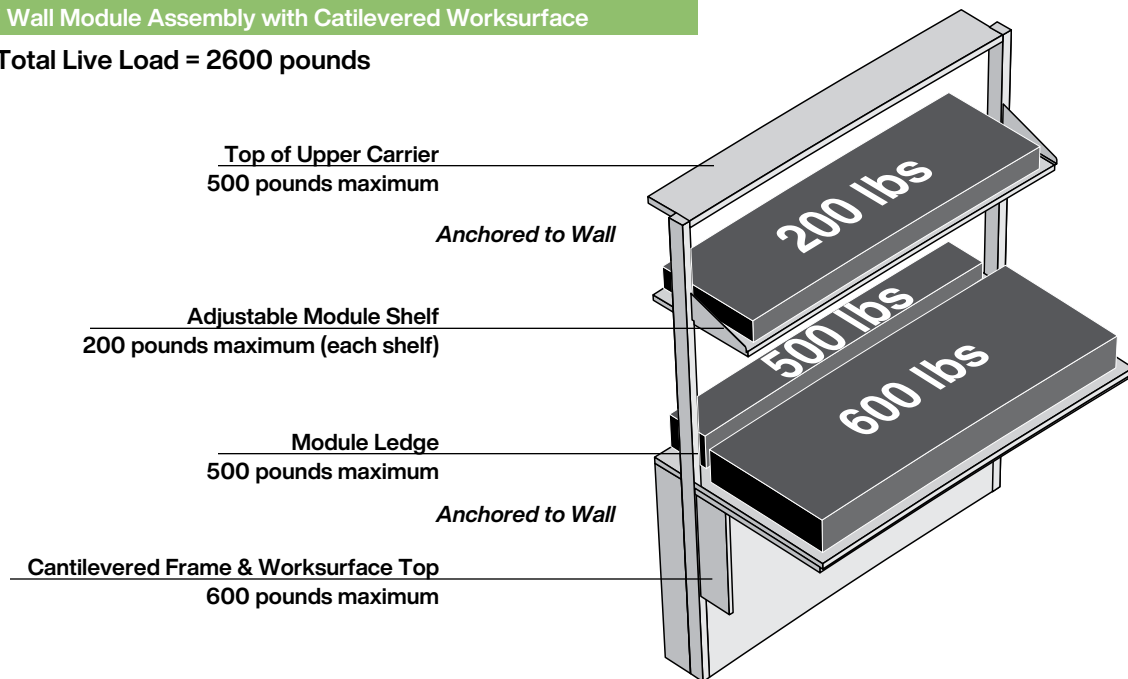


Technical Information

Load Ratings – Wall Module Assemblies

9" Wall Module Assembly with Catilevered Worksurface

Maximum Total Live Load = 2600 pounds



SEFA 10

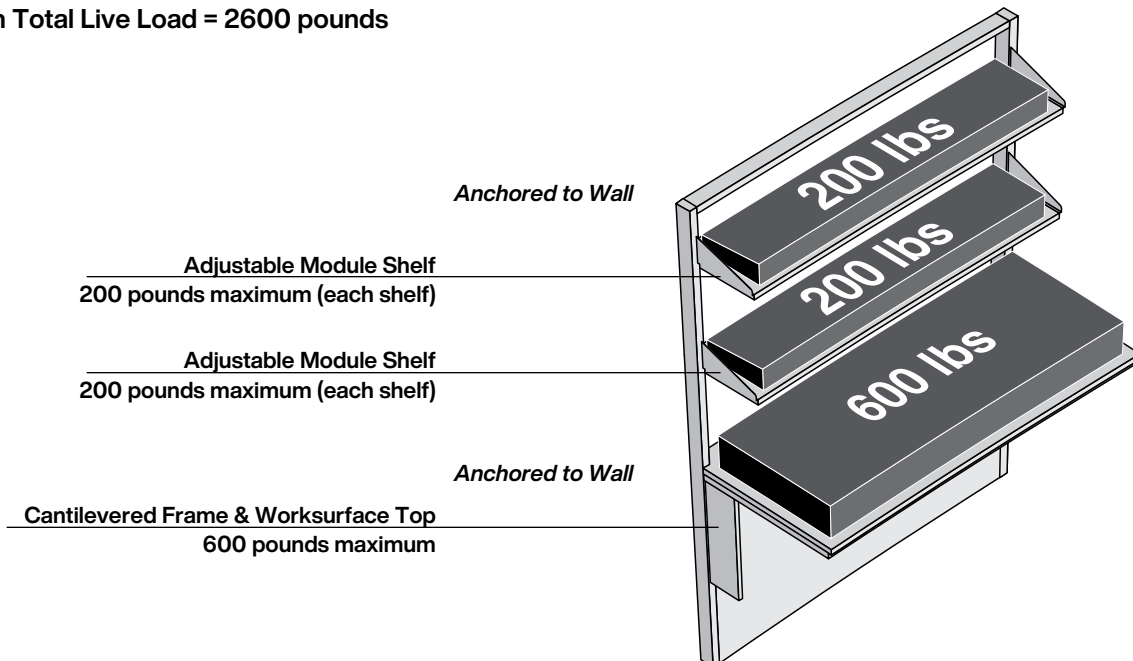
Class 4

Configuration 1

Category 2

3" Wall Module Assembly with Catilevered Worksurface

Maximum Total Live Load = 2600 pounds



SEFA 10

Class 5

Configuration 1

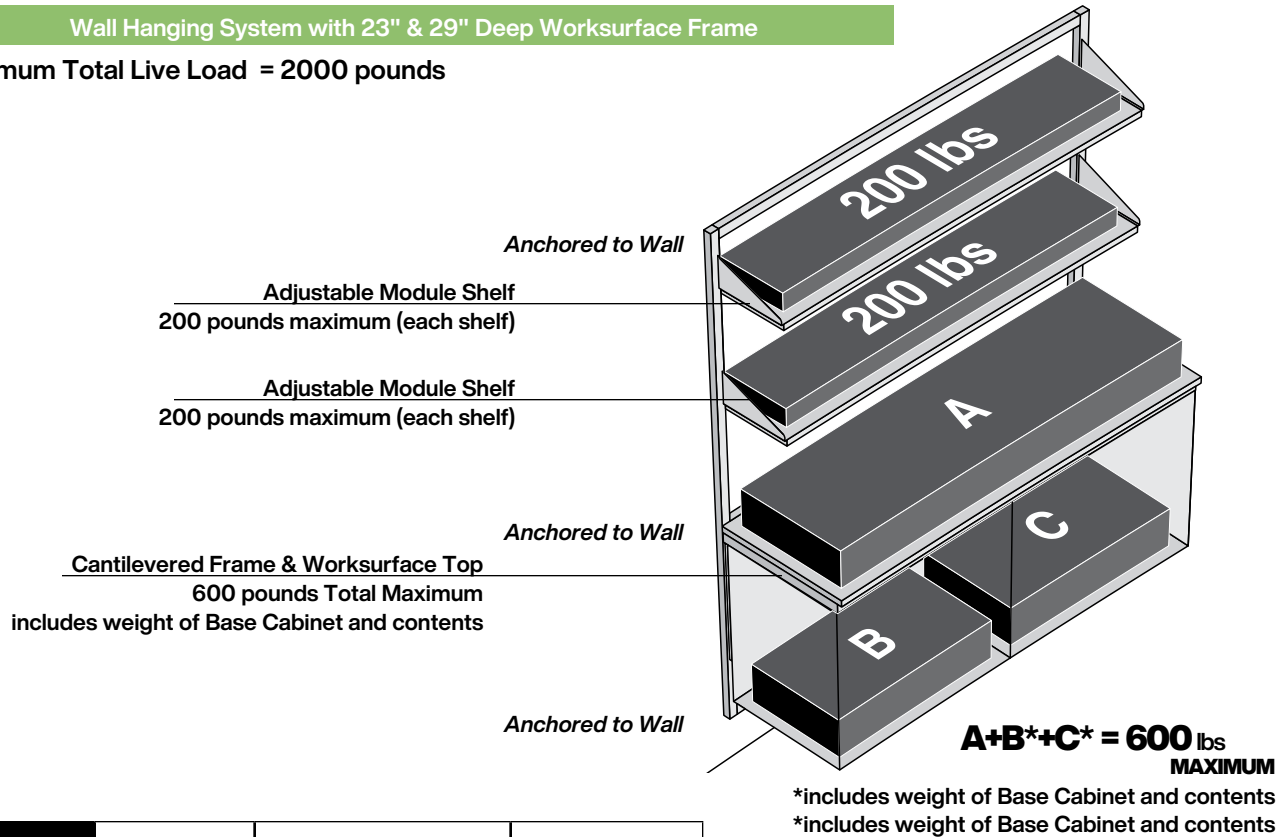
Category 2

Technical Information

Load Ratings – Wall Hanging System

Wall Hanging System with 23" & 29" Deep Worksurface Frame

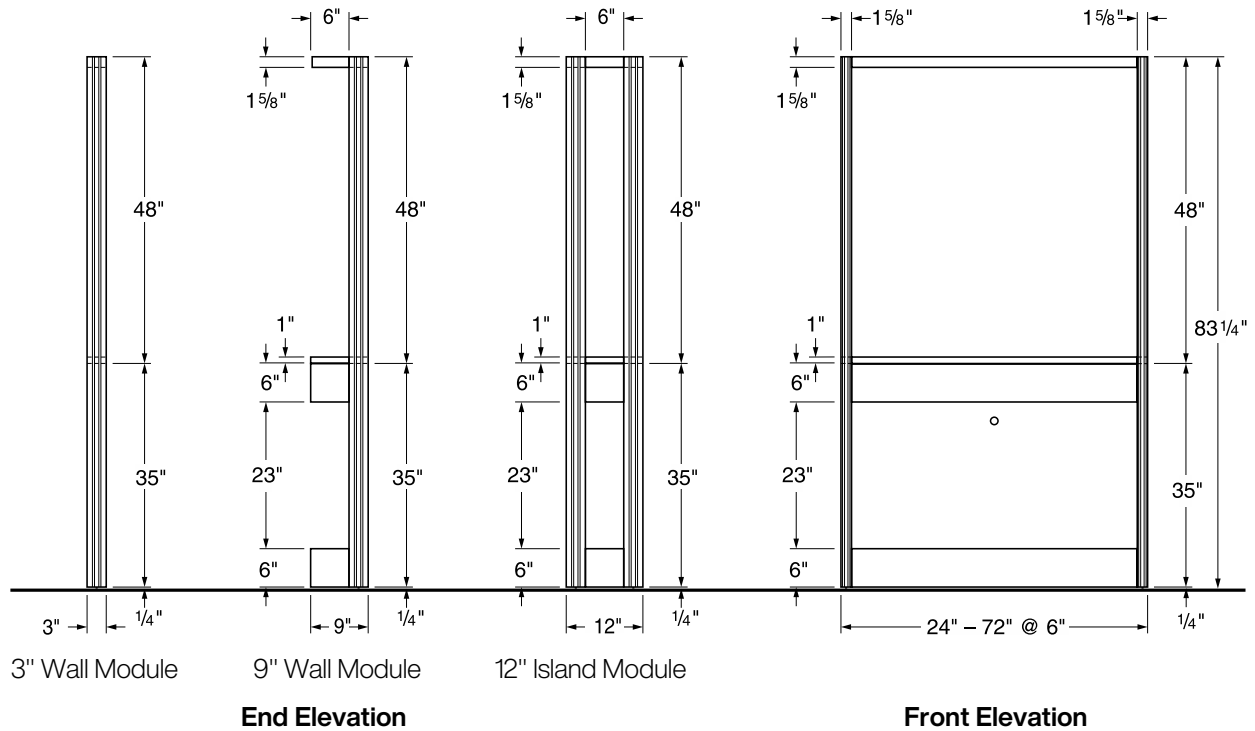
Maximum Total Live Load = 2000 pounds



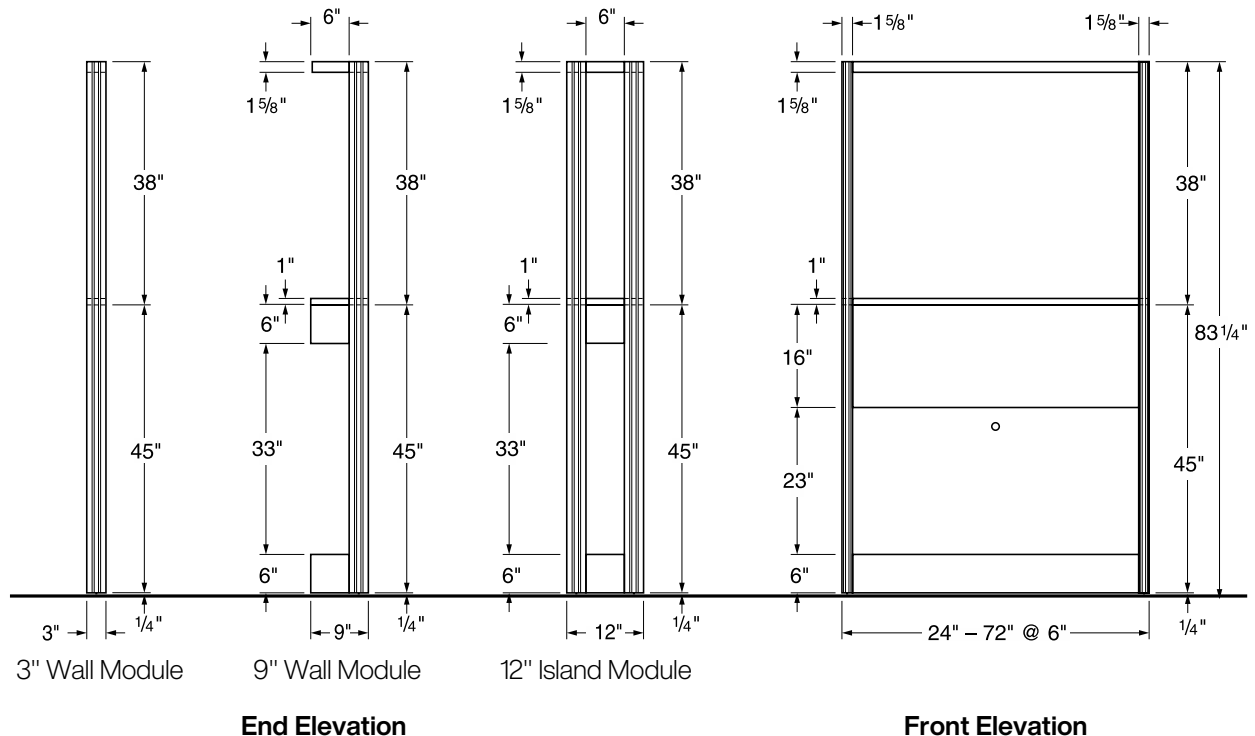
SEFA 10	Class 2	Configuration 1	Category 2
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Technical Information

Dimensional Information — Structural Module

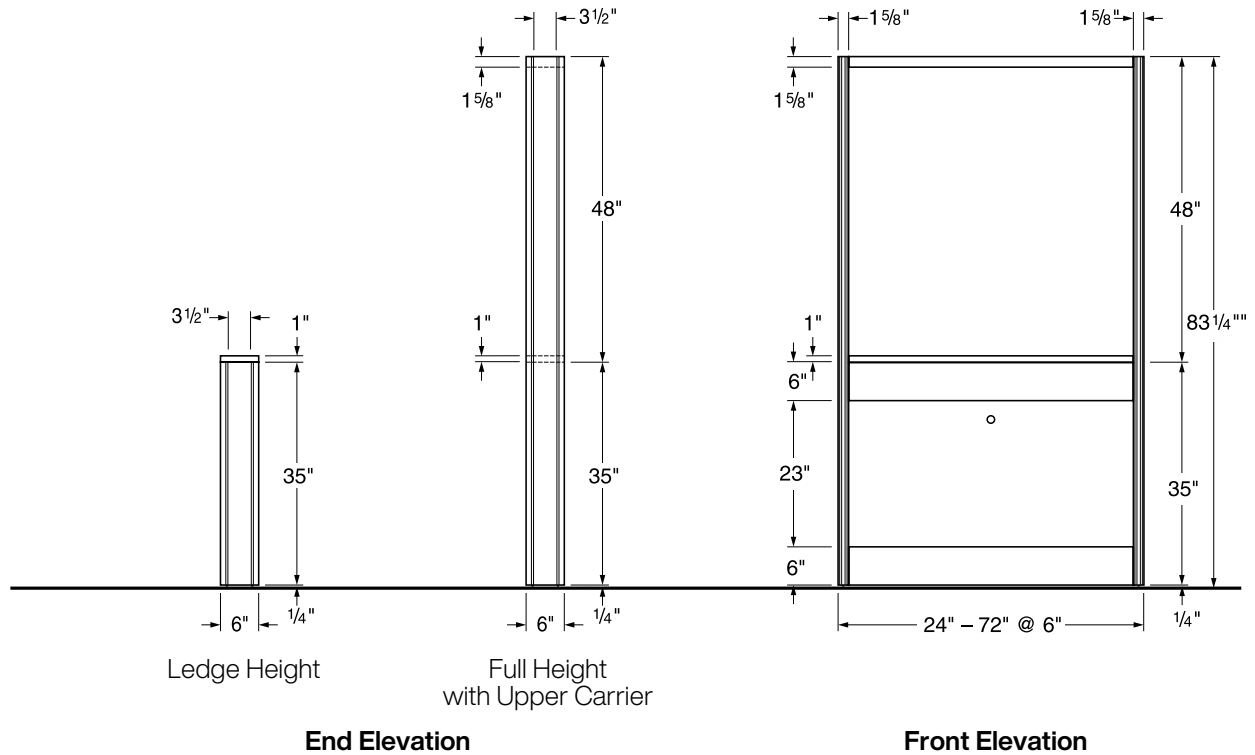


Dimensional Information — Service Riser Module

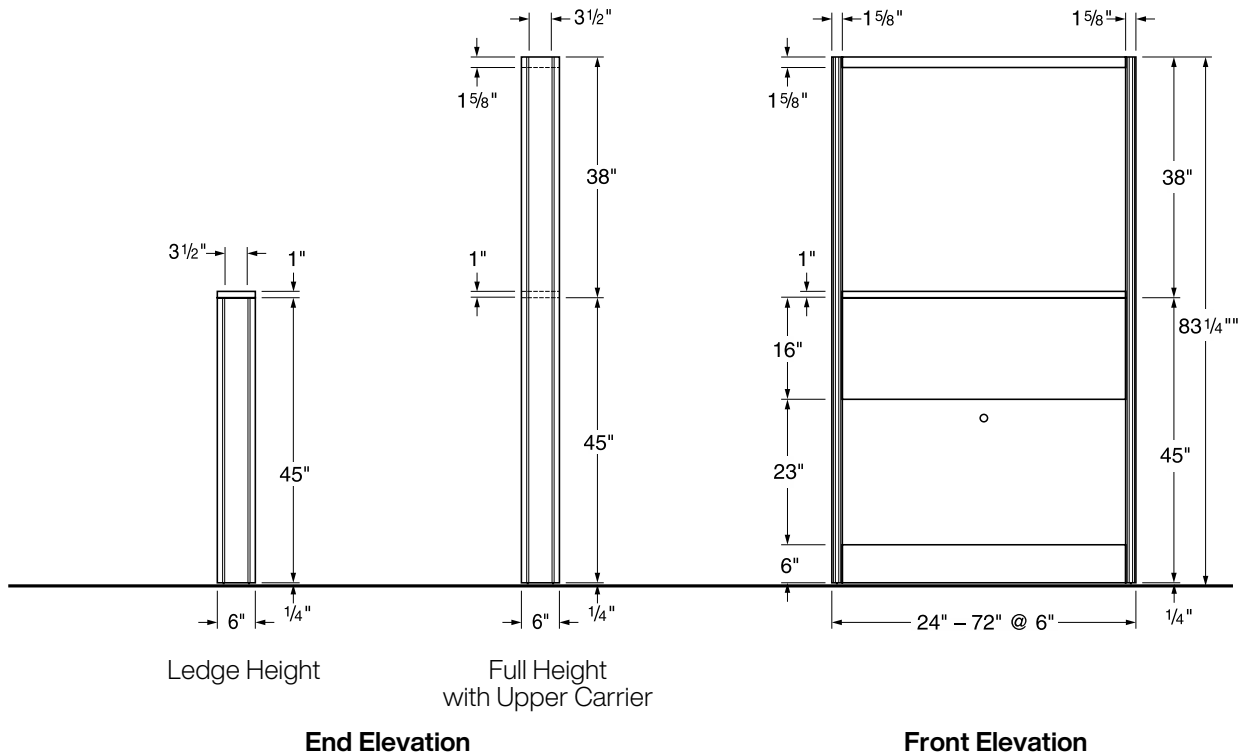


Technical Information

Dimensional Information — Structural Partition Module

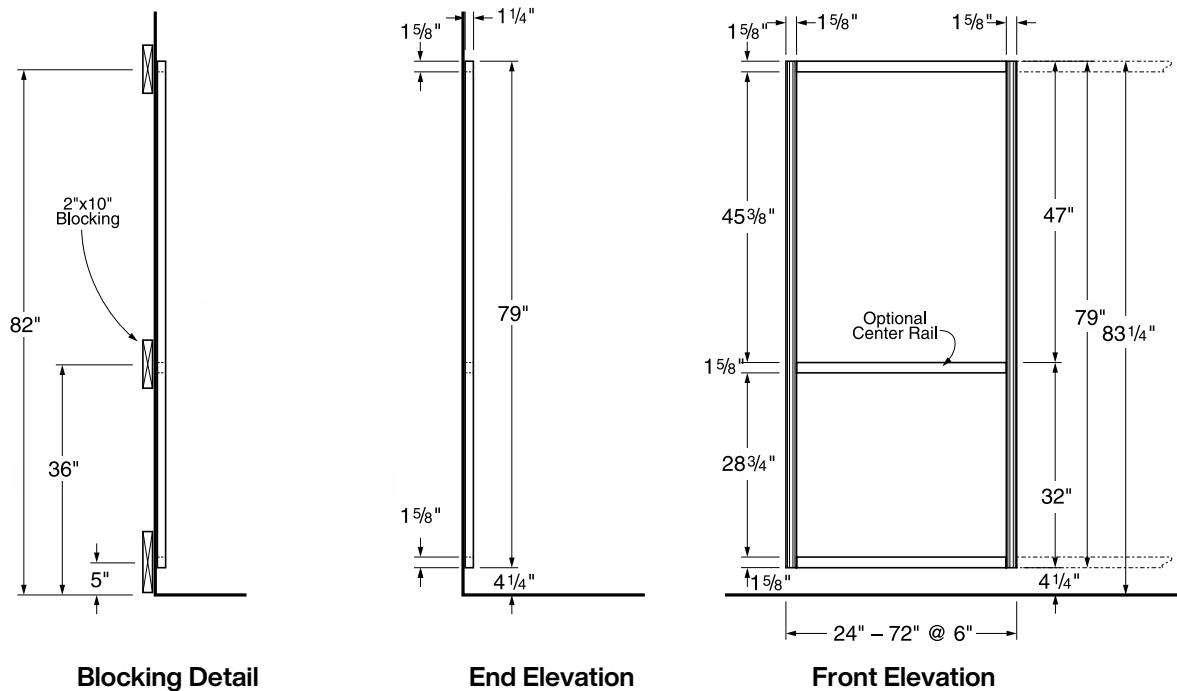


Dimensional Information — Service Riser Partition Module

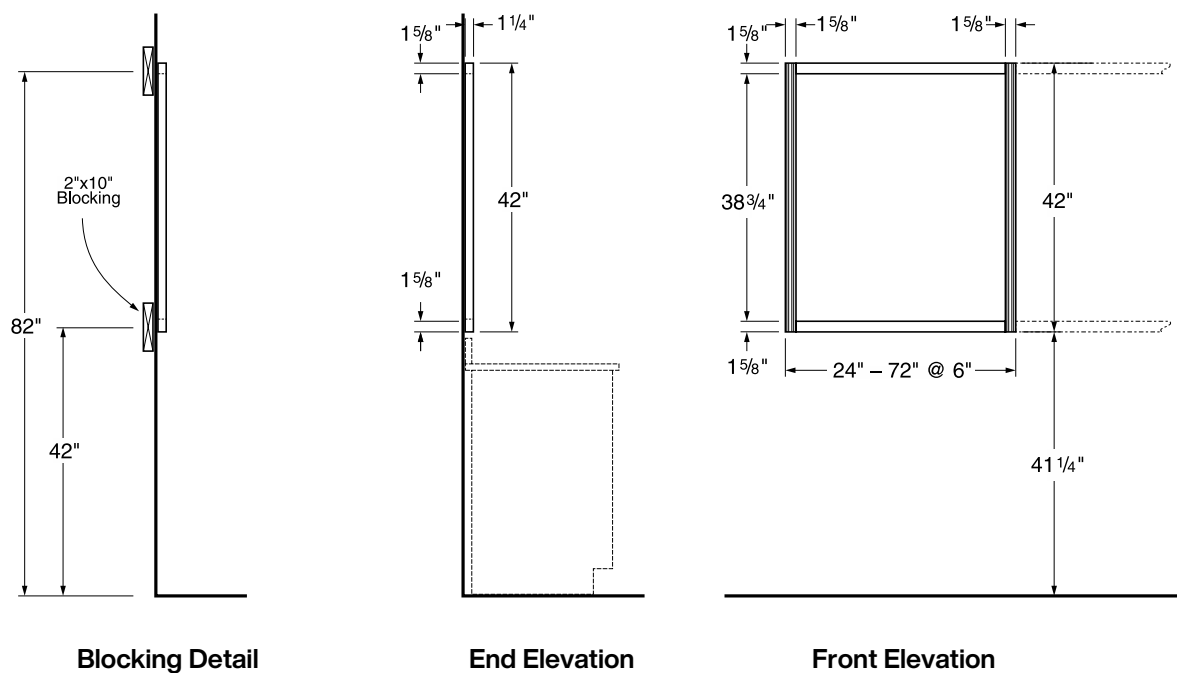


Technical Information

Dimensional Information — Full Height Wall Hanging System

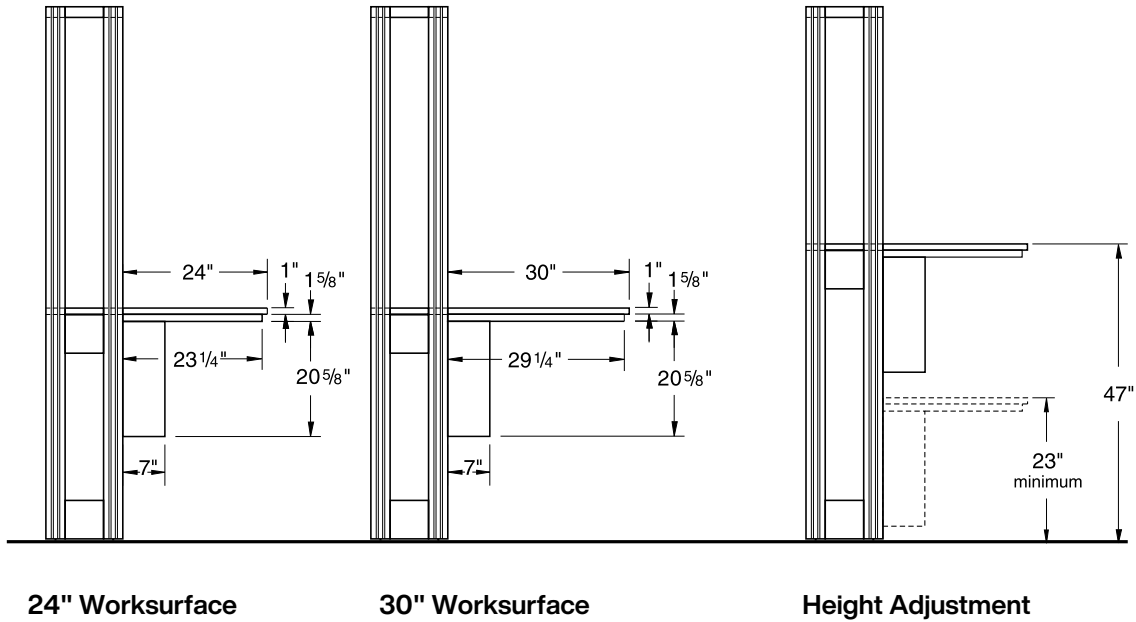


Dimensional Information — Above Counter Wall Hanging System

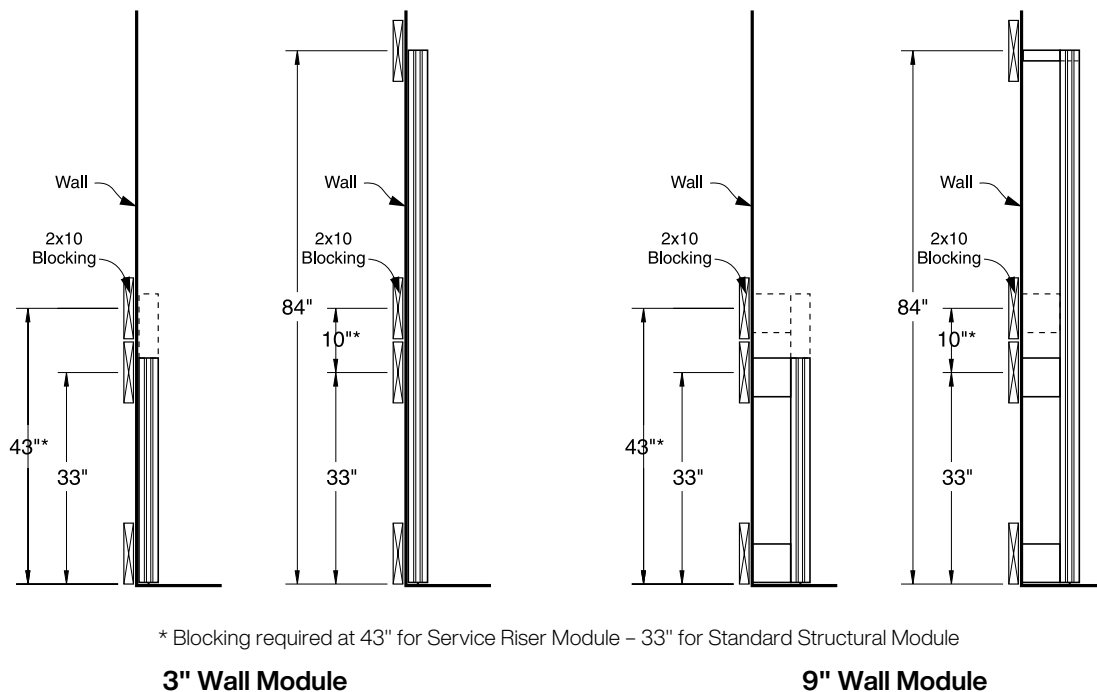


Technical Information

Dimensional Information — Worksurface Frames and Tops

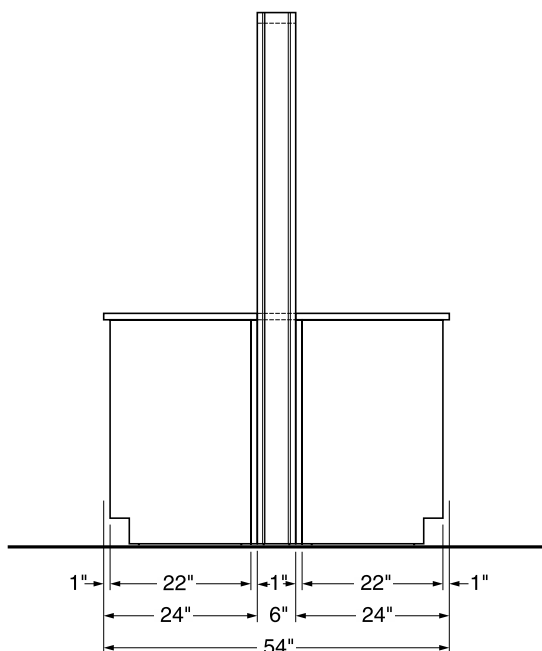


Dimensional Information — Wall Blocking Locations

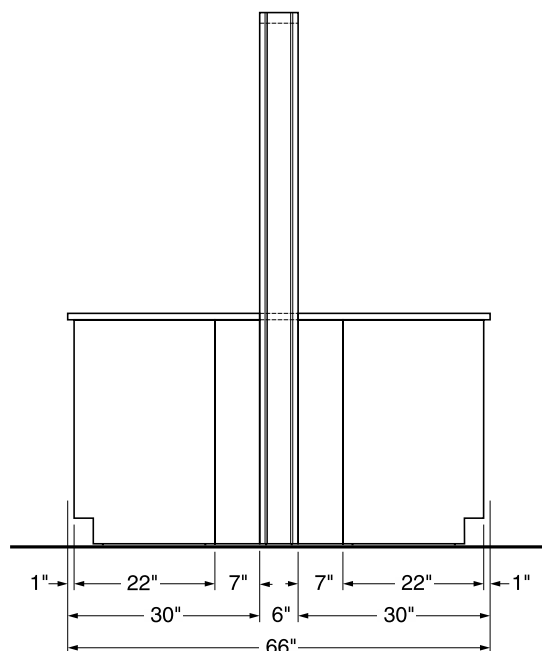


Technical Information

Dimensional Information — Typical 6" Partition Assemblies using Floor Mounted Cabinets

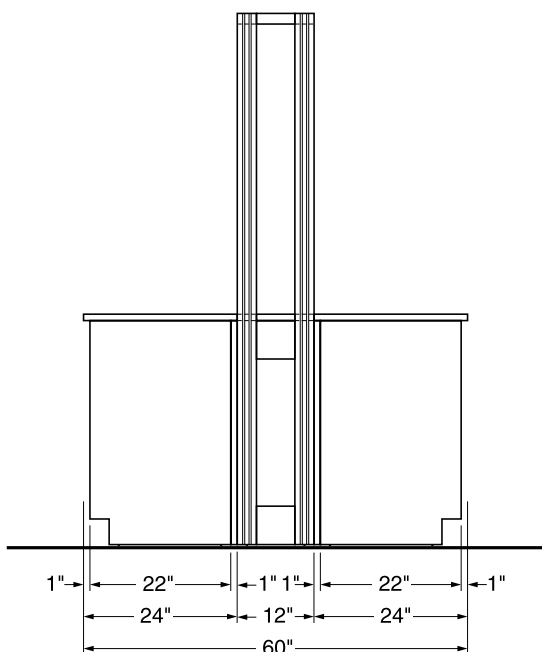


24" Worksurface Top

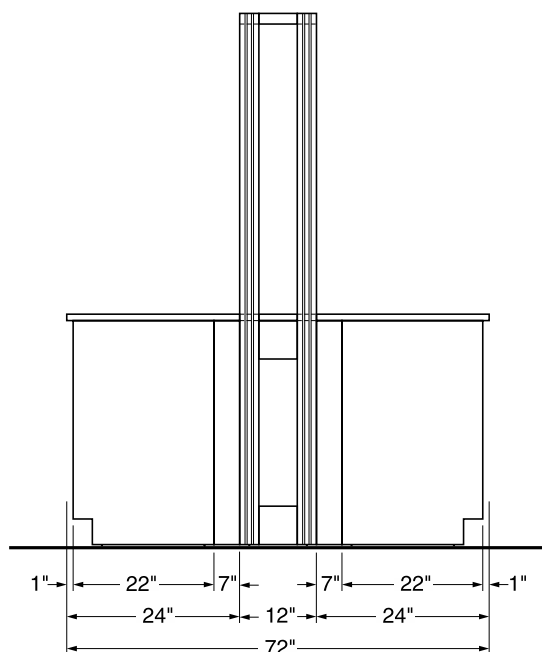


30" Worksurface Top

Dimensional Information — Typical 12" Island Assemblies using Floor Mounted Cabinets



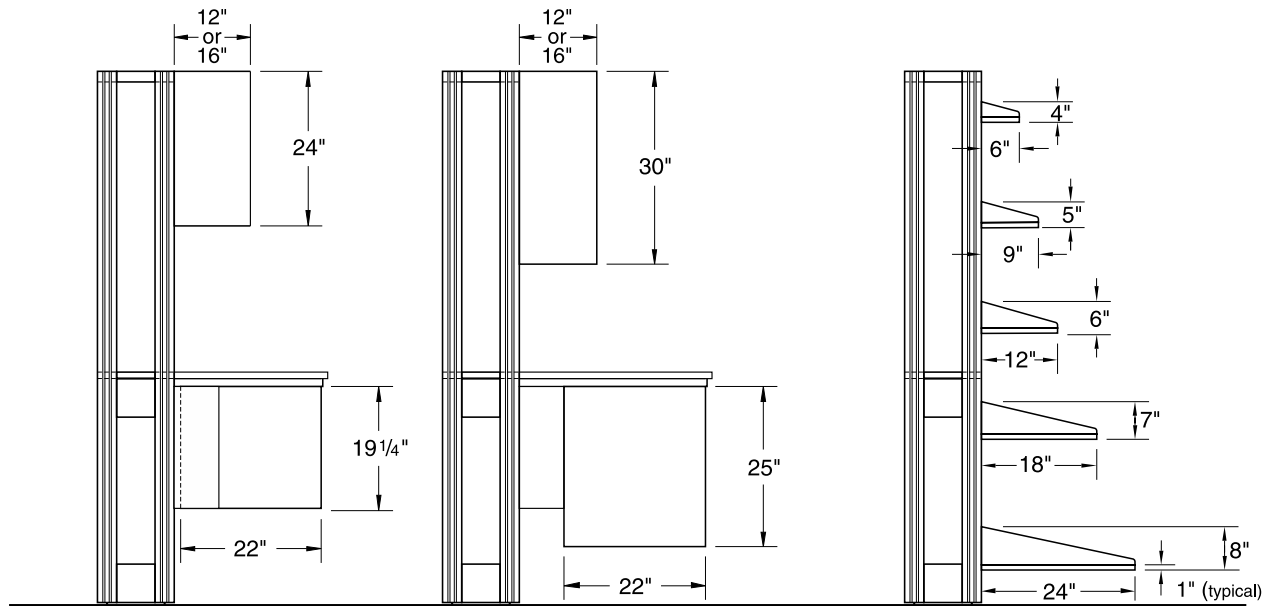
24" Worksurface Top



30" Worksurface Top

Technical Information

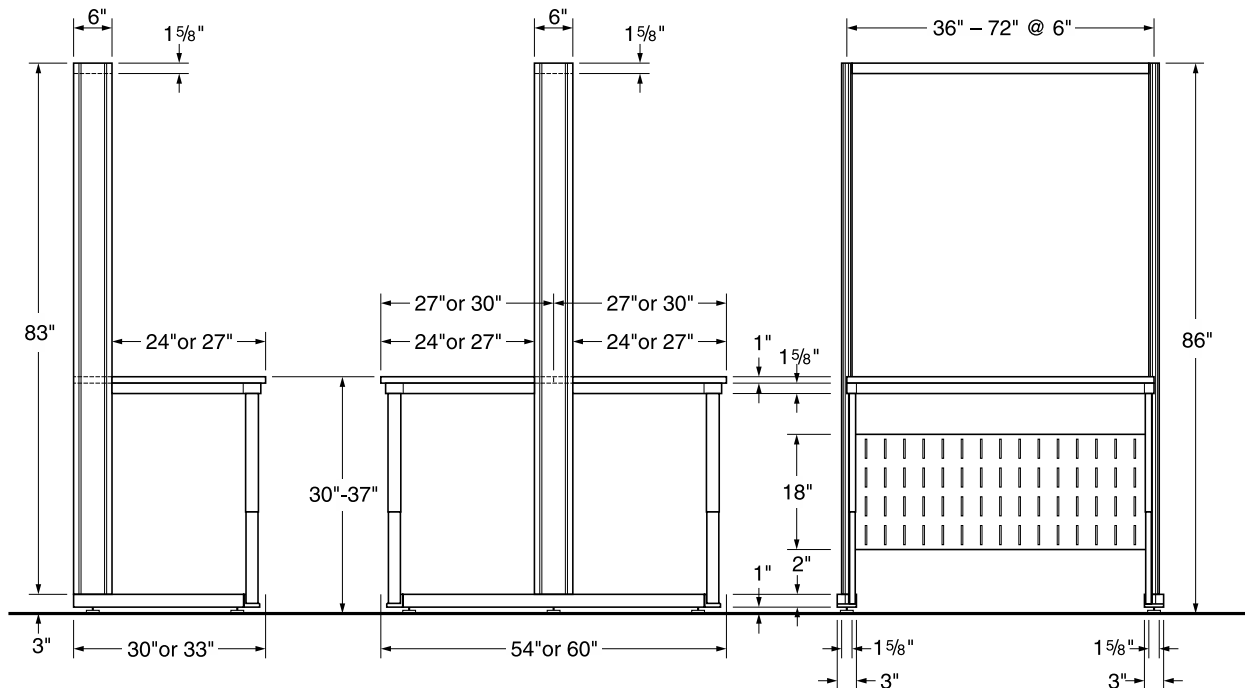
Dimensional Information — Suspended Cabinets and Adjustable Module Shelves



Suspended Cabinets

Adjustable Module Shelves

Dimensional Information — Alpha Columns

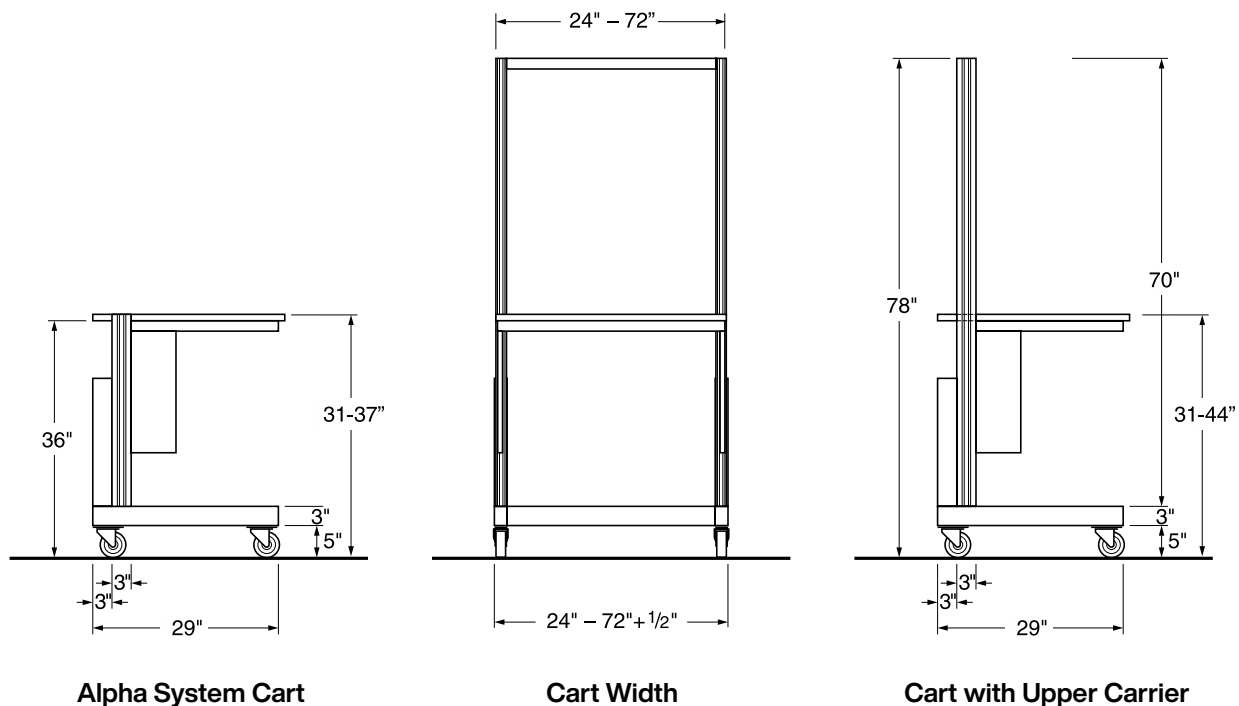


End Elevations

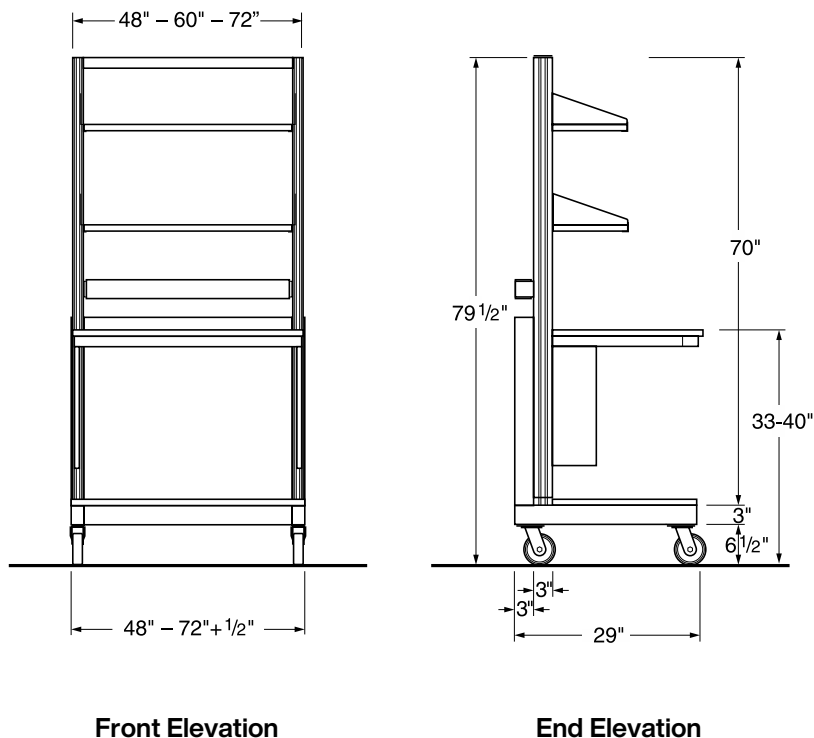
Front Elevation

Technical Information

Dimensional Information — Alpha System Carts

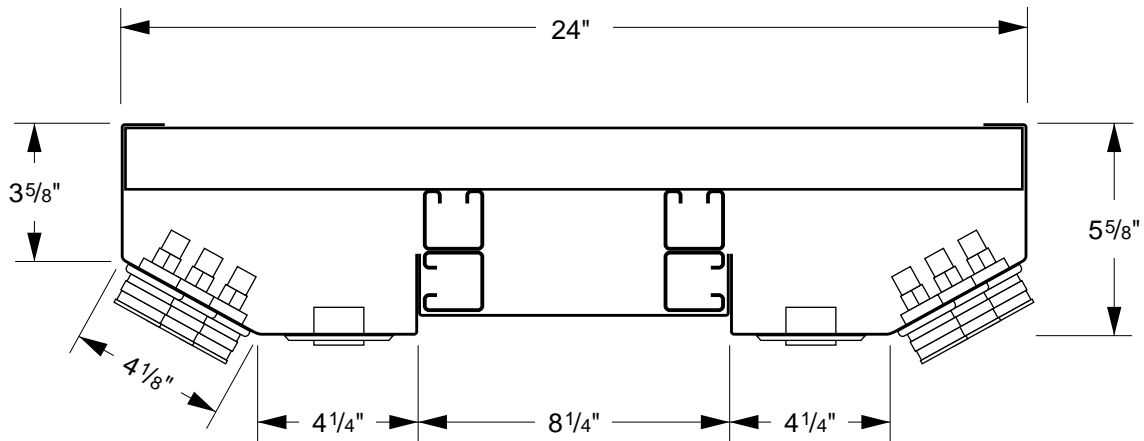


Dimensional Information — Heavy Duty Alpha System Carts

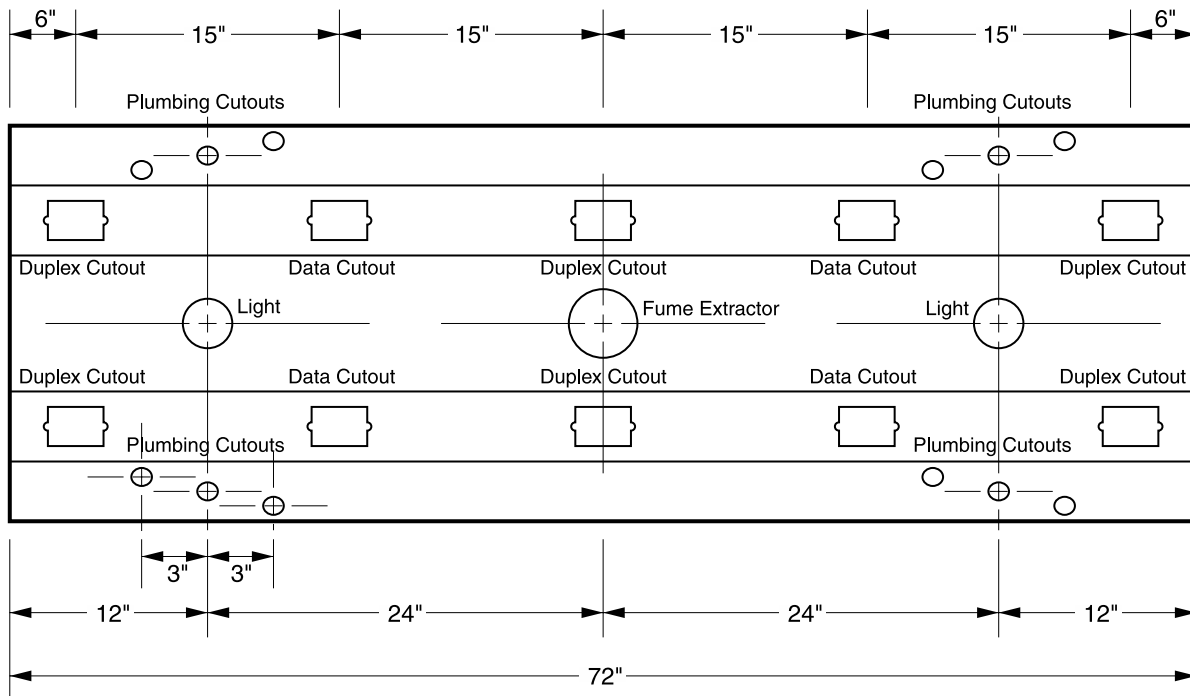


Technical Information

Dimensional Information — Service Enclosure



Typical Service Enclosure Section View



Typical Service Enclosure Plan View Layout

Technical Information

Planning & Design Information — Service Enclosure

Recommended Supply Line Pressures

Gas.....	0.216 psi
Air (Ordinary).....	15 psi
Air (Air Powered Stirrer Operation).....	40 psi
Vacuum (Ordinary).....	18"-22" of Mercury
Vacuum (High).....	28.5" of Mercury
Hot or Cold Water.....	Local Pressure
Steam (Low Pressure).....	0-15 psi as required
Steam (High Pressure).....	15-30 psi as required

Service & Rough-In Abbreviations

A - Air	V - Vacuum
E - Electric-120 VAC	CW - Cold Water
G - Gas	DW - Distilled Water
N - Nitrogen	HV - Hood Vent
O - Oxygen	HW - Hot Water
S - Steam	WV - Waste Vent

Recommended Pipe Size and Material

Service	Number of Outlets	Pipe Size	Pipe Material
STEAM	1-8	3/8"	In accordance with governing codes
	9-16	1/2"	
	17-24	3/4"	
WATER	1-10	1/2"	Hard Drawn Type L Copper Tubing
	11-18	3/4"	
	19-24	1"	
GAS	1-12	3/8"	In accordance with governing codes
	12-18	1/2"	
	19-24	3/4"	
AIR or VACUUM	1-8	3/8"	Hard Drawn Type L Copper Tubing
	9-16	1/2"	
	17-24	3/4"	

Designing Your Service Enclosure

The following points should be used as guidelines in designing your Service Enclosure

Contact local plumbing, electrical, or mechanical contractor or engineer to be sure of meeting all local codes and regulations.

General Options

- Plumbing, Electrical, Data, and Mechanical cutouts and fittings are provided per specifications and drawing based on needs of individual projects.
- Service Enclosures are available up to 10 ft. in length in a single section. Multiple sections may be combined for longer lengths.

Plumbing Service Options:

- Service Enclosures may be pre-plumbed for single point of connection.
- Pre-plumbed service lines are cleaned, tested and capped unless otherwise specified.
- Specify piping material to meet local codes.

Electrical Service Options:

- Pre-wiring available for single point connection.
- UL listing available when factory pre-wired and specified.
- Specify NEMA configurations.
- Specify type and quantity of circuits and terminations.

Data Channel Options:

- Specify data outlet types required. Wiring is by others.

Light and Fume Extraction Support Enclosure Options:

- Contact factory for lighting options.
- Contact factory for Fume Extraction options and airflow requirements.
- Custom sized Service Enclosures are available.

Typical Installations



Typical Installations



ALPHA

Flexible Systems

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Kewaunee Scientific Corporation

P.O. Box 1842 • Statesville, NC 28687-1842
704-873-7202 • kscmarketing@kewaunee.com • kewaunee.com

Kewaunee Labway India Pvt. Ltd.

No. CA-9A, 2nd Floor, Jigani Link Road
Jigani, Bangalore 562 106, India
Phone: 9180-27826725 • Fax: 9180-27826724
Web Site: kewaunee.in

Kewaunee Labway Asia Pte. Ltd.

194 Pandan Loop, #06-22
Pantech Business Hub, Singapore 128 383
Phone: 65-6773-0288 • Fax: 65-6773-2322



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