Planning Guide ■

Tattoo™ Collection

November 2019



Furnishing Knowledge®



A. Acrylic Topper B. Vanity C. Flex Screen (monolithic, magnetic dry-eraseable steel) D. Universal Height Adjustable Screen

Tattoo is designed with a logic that makes it elegantly simple. Each element is proportionately scaled to work together in multiple configurations. Coordinating dimensions and complementary design details ensure all elements fit spatially and aesthetically within the same footprint no matter how you rearrange them. It's something that can only be accomplished with Tattoo.

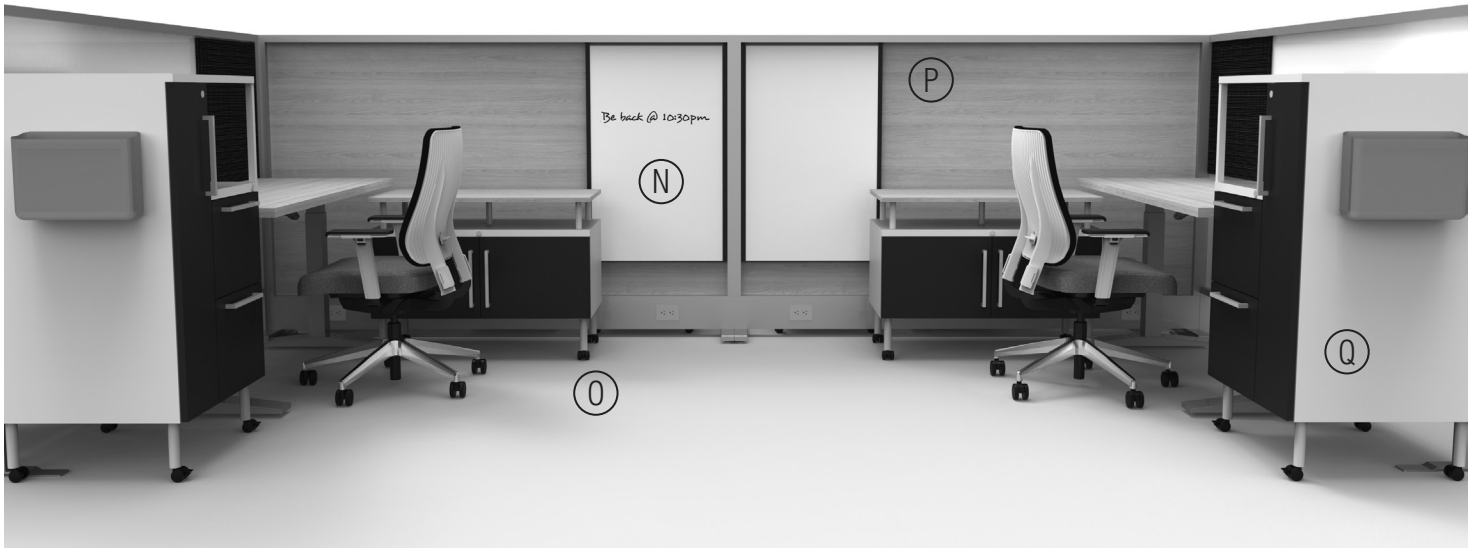
Tattoo's thoughtful design is also reflected in its installation. Unlike build-intensive systems lines, most Tattoo elements require minimal or no assembly. This translates into cost and time savings – both initially and with every rearrangement.



E. End-of-Run Base Infeed Spacer Kit F. Chest G. Slim Seat (with power) H. Spine Screen (thermally-fused laminate core)

I. Flex Screen (monolithic thermally-fused laminate core) J. Spine Screen (magnetic dry-eraseable steel core) K. Slim Corner (with power)

L. Tattoo Table (30” x 44”) M. Mobile Pedestal

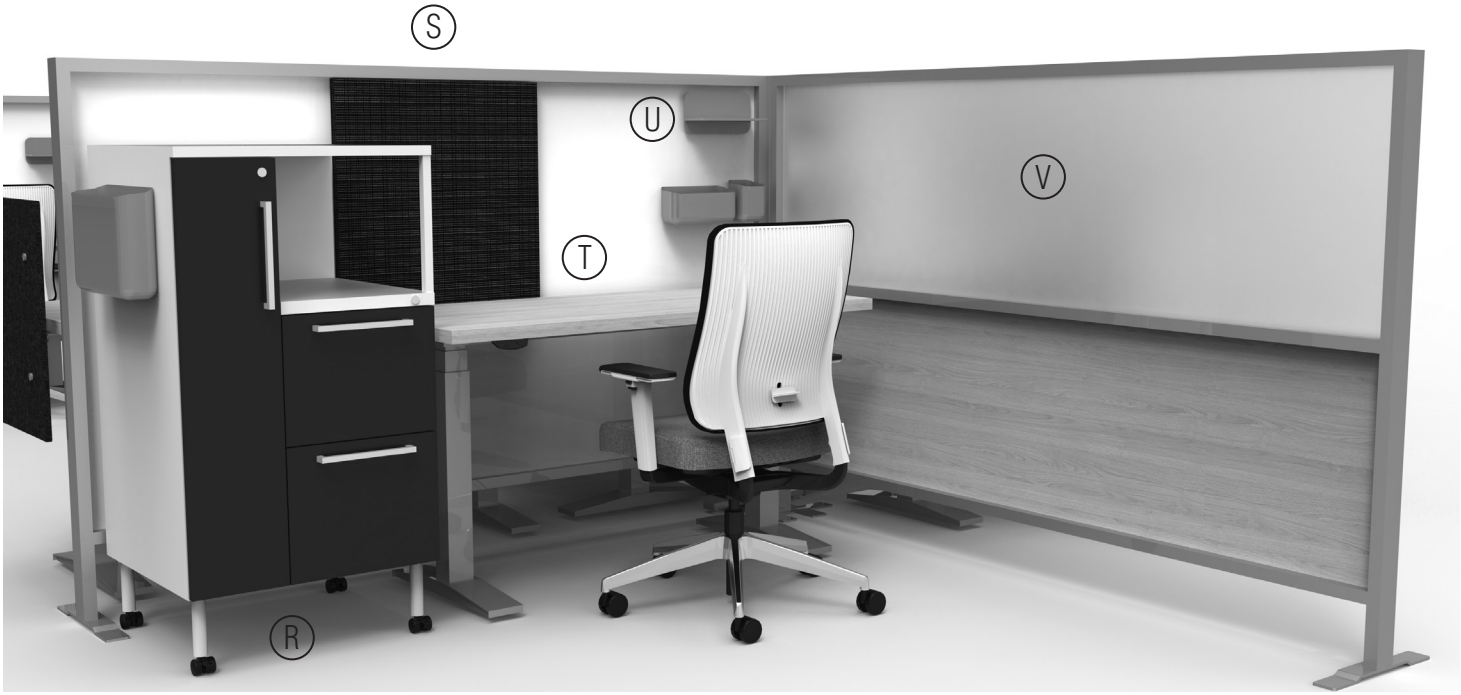


N. Sliding Dual-Purpose Board

O. Low Cupboard with Raised Worktop

P. Spine Screen (thermally-fused laminate core)

Q. Tower (right-facing wardrobe - left-facing shelf/file/file)



R. Tower (left-facing wardrobe - right-facing shelf/file/file)

S. Magnetic Tackboard Tile

T. Workup Adjustable Table

U. Magnetic Storage

V. Flex Screen (segmented, acrylic upper, thermally-fused laminate lower core)

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TATTOO SCREEN

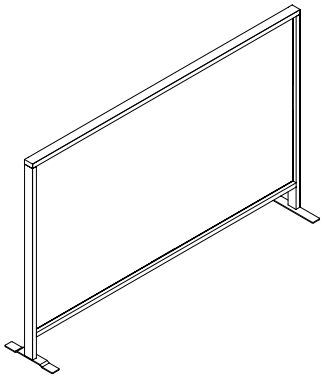
Product Overview

Tattoo Screens is a freestanding panel system that offers user-controlled versatility. Plan with a combination of Flex Screens for easy movement, and Spine Screens for simple straight-line power, to create a space for today that is easily transformed tomorrow.

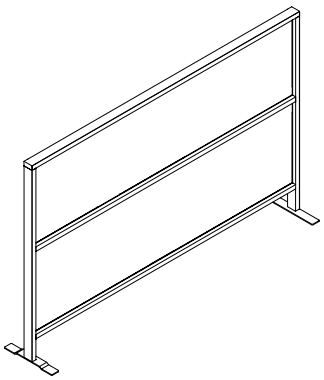
Both Flex and Spine Screens feature a $2^1/_2$" thick powder-coated frame, supported by two freestanding feet of varying designs. Feet work in combination to accommodate intersection and corner conditions. See planning pages for more details.

Within each frame, a number of standard core options are offered for optimal performance and aesthetic appeal. Optional toppers and a wide assortment of integrated and applied accessories further extend planning.

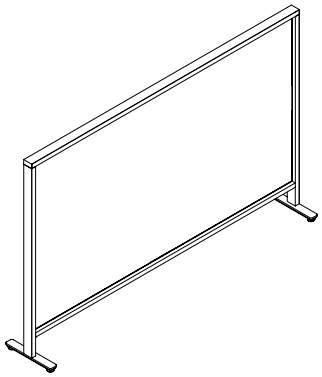
Flex Screen
Flex Screens offer the widest range of finishes, sizes and foot options. Unpowered and easily moved, Flex Screens are available in widths from 42" to 96" and in heights from 42" to 60". Choose from monolithic or segmented cores (segmentation at 29"). Flex Screens are delivered fully assembled, including trim and feet. Foot options include adjustable glides or a combination flat/bridge feet.



Monolithic Flex Screen with Flat & Bridge Feet

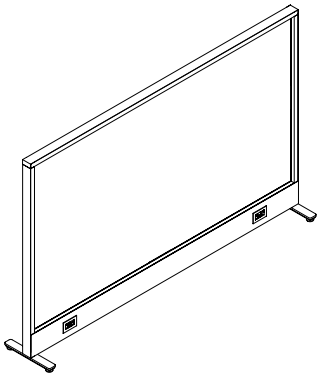


Segmented Flex Screen with Flat & Bridge Feet

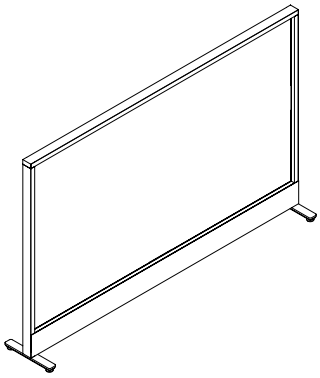


Flex Screen with Adjustable Glide Feet
Note: Available with monolithic or segmented core, same as Flex Screen with flat/bridge feet.

Spine Screen
Spine Screens offer straight-line power and data capability, and while the screens without power are fully movable, powered screens are not. Spine Screens are intended to be connected inline, as well as to a power/data source. Spine Screens are available in widths 48" to 96" and in either 48" or 54" height. 1" adjustable glides are standard, to accommodate power leveling. Spine Screens are delivered partially assembled. Only end-of-run trim is specified separately and is installed after the Spine Screens have been leveled and connected.



Powered Spine Screen with Adjustable Glide Feet



Non-Powered Spine Screen with Adjustable Glide Feet

Flex Screen

Planning Guidelines

Tattoo Flex Screens are offered in monolithic and segmented styles and are shipped fully assembled.

Frame: Extruded aluminum, 2½" thick, powder-coated frame, double-sided panel core in the center.

Widths: 42", 48", 54", 60", 66", 72", 78", 84", 90", 96"
Heights*: 42", 48", 54" and 60"

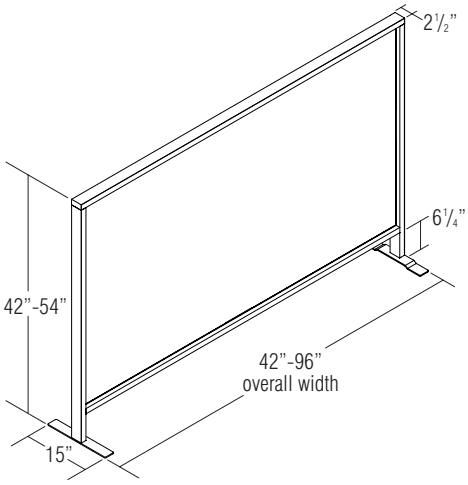
***Note:** 48" & 54" height screen has optional segmentation available at 29" from floor. 60" high screen will always be segmented. 42" screens are always monolithic.

Core: The core has the same finish on both sides. Available core options: magnetic dry-erasable steel, thermally fused laminate, fluted polycarbonate, acrylic, polyester felt and upholstered tackable fabric. **Note:** Fabric for upholstered cores will be railroaded as standard due to width of screen.

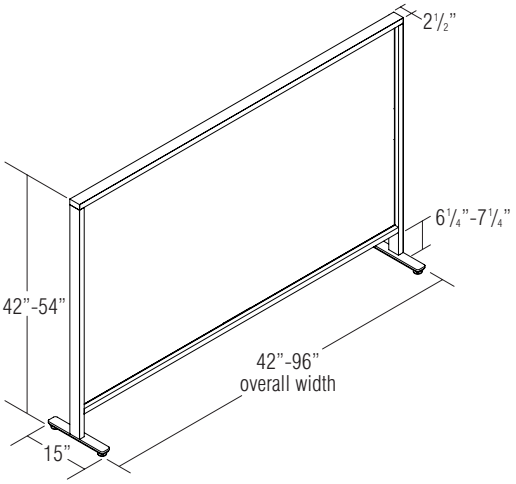
Trim: Flex Screens are shipped fully trimmed out. If a topper kit is specified, screens should be specified as "no top cap" and will ship without top caps to allow for topper kit installation on site.

Two foot styles are available:

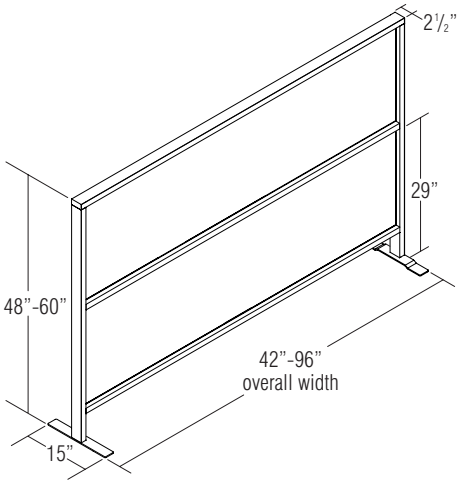
- Flat Foot and Bridge Feet on one screen
- Adjustable Glide Feet (glide offers 1" of adjustability)



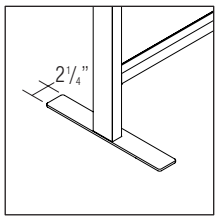
Monolithic Flex Screen with Flat/Bridge Feet



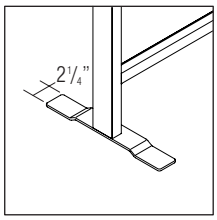
Monolithic Flex Screen with Adjustable Glide Feet



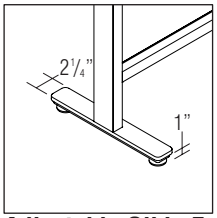
Segmented Flex Screen with Flat/Bridge Feet (also available with adjustable glide feet)



Flat Plate Foot



Bridge Plate Foot



Adjustable Glide Foot

Spine Screen

Planning Guidelines

Tattoo Spine Screens are offered in monolithic core only. Spine Screen is delivered without vertical trim. Spine Screen will be assembled with top cap in the factory, except if "no top cap" is specified. Frame trim is ordered separately and is installed after the spine has been leveled and connected. Spine Screens are only intended for straight run applications.

NOTE: A spine screen may not be used as a freestanding screen on its own. The spine screen must always be mechanically attached to another Spine Screen (with or without electrical).

Frame: Extruded aluminum, 2½" thick, powder-coated frame, double-sided panel core in the center.

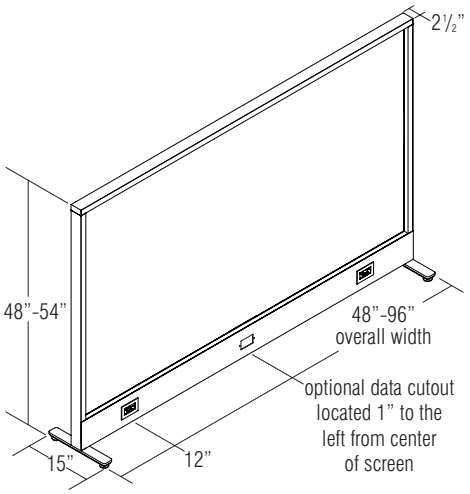
Widths: 48", 54", 60", 66", 72", 78", 84", 90" & 96"
Heights*: 48" & 54"

***Note:** No segmentation available.

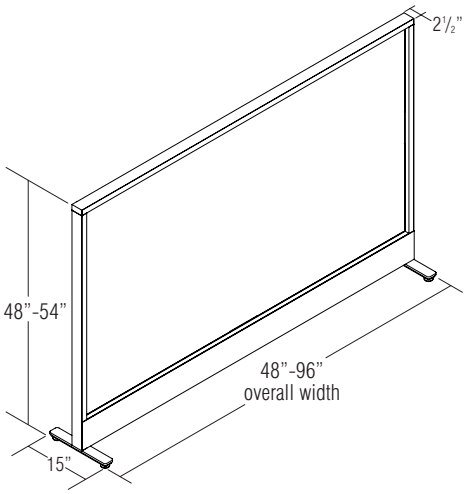
Core: The core has the same finish on both sides. Available core options: magnetic dry erasable steel & thermally fused laminate only.

One foot style is available:

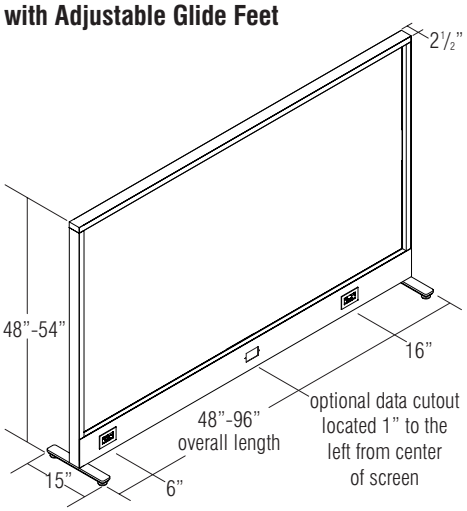
- Adjustable Glide Feet only (glide offers 1" of adjustability).



Spine Screen with 10-Wire Power & Data with Adjustable Glide Feet

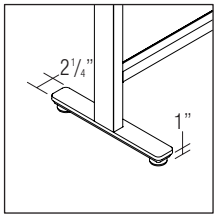


Spine Screen No-Power with Adjustable Glide Feet



Spine Screen with Hardwired Electrical (Chicago Code) & Data with Adjustable Glide Feet

Note: Data cabling, mounting plates and accessories are not provided by KI. Data mounting plates must have ports oriented at 45°.

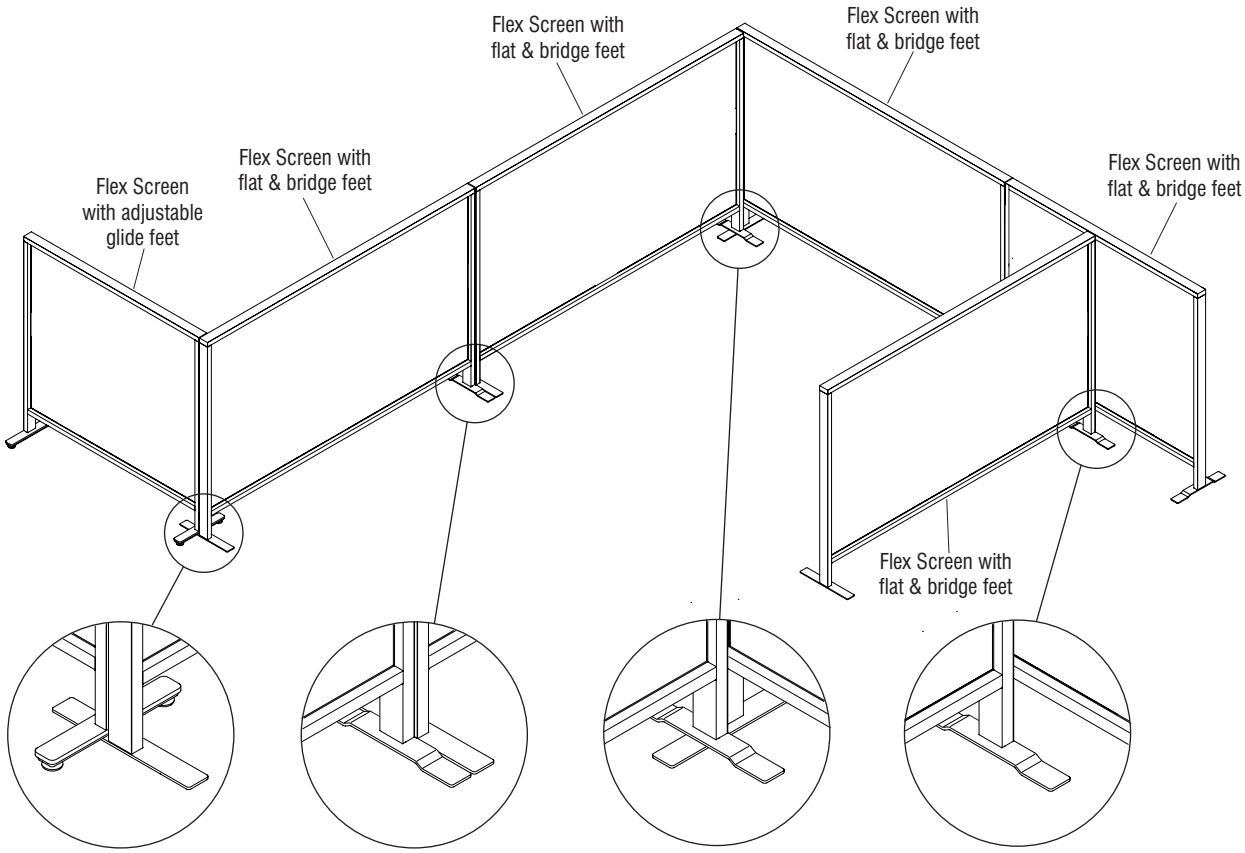


Adjustable Glide Foot

INTERSECTIONS

Product Overview & Guidelines

Tattoo Screen units are easy to specify and assemble together. Flex Screens are free standing and can butt-up (no attachments) to each other and to Spine Screens. Spine Screens are used in straight row applications. A series of "typicals" for Flex and Spine Screens can be seen below.



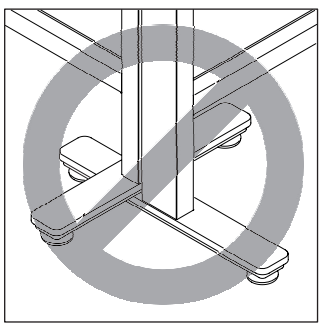
Flex Screen 90° 2-Way Intersection (adjustable glide foot over flat foot)
Note: Adjustable glide foot can also go over a bridge foot.

Flex Screen Inline Intersection (bridge foot to flat foot)

Flex Screen 90° 2-Way Intersection (bridge foot over flat foot)

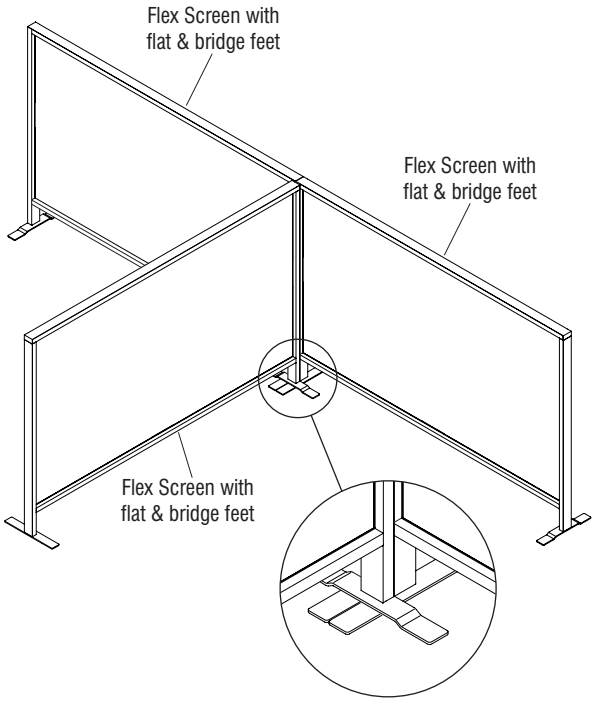
Flex Screen Off-Module Intersection

Typical A - Flex Screen



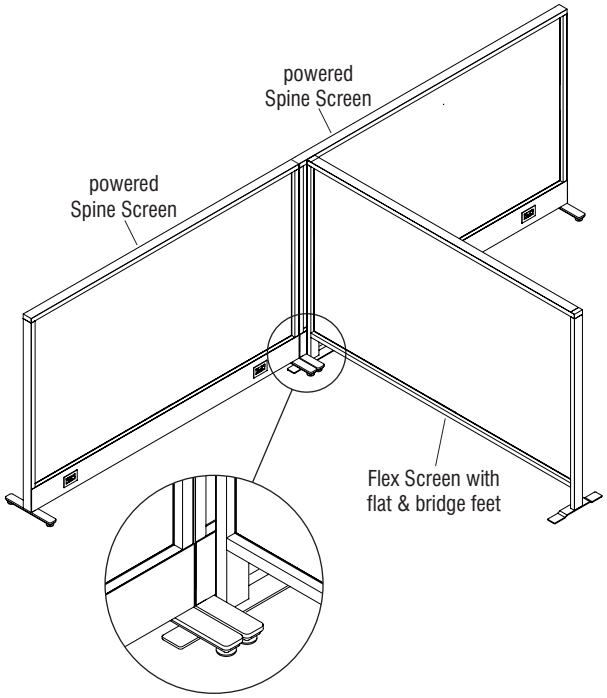
Foot Detail - Note: Adjustable Glide Feet cannot go over each other.

INTERSECTIONS (cont.)



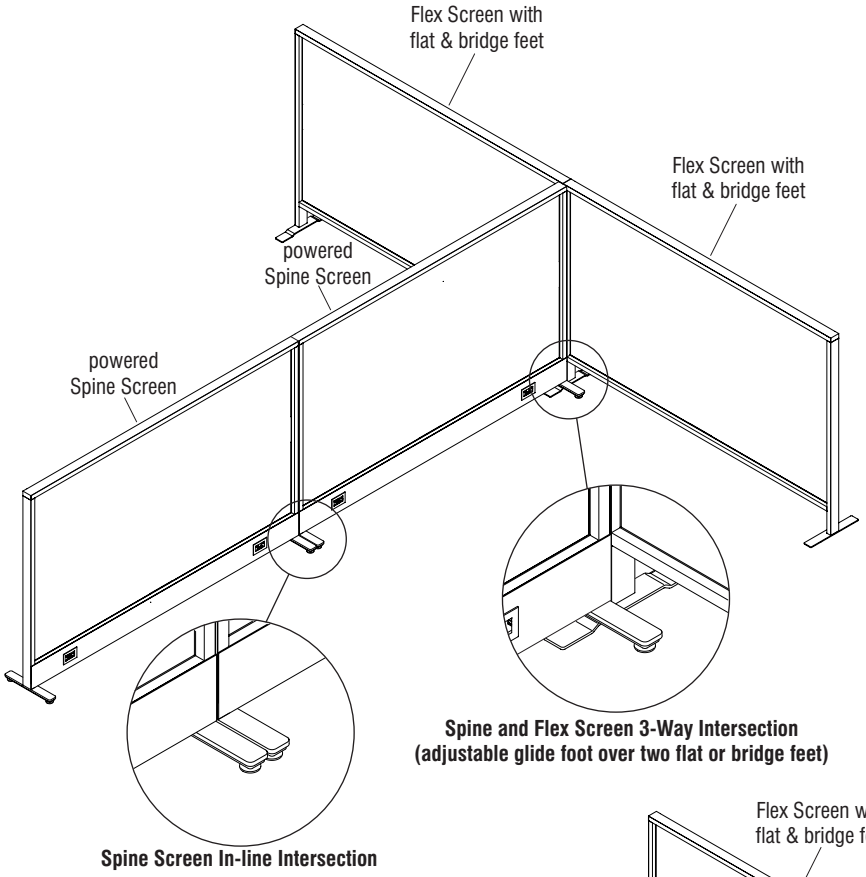
Flex Screen 3-Way Corner Intersection (bridge foot over flat feet)

Typical B - Flex Screen

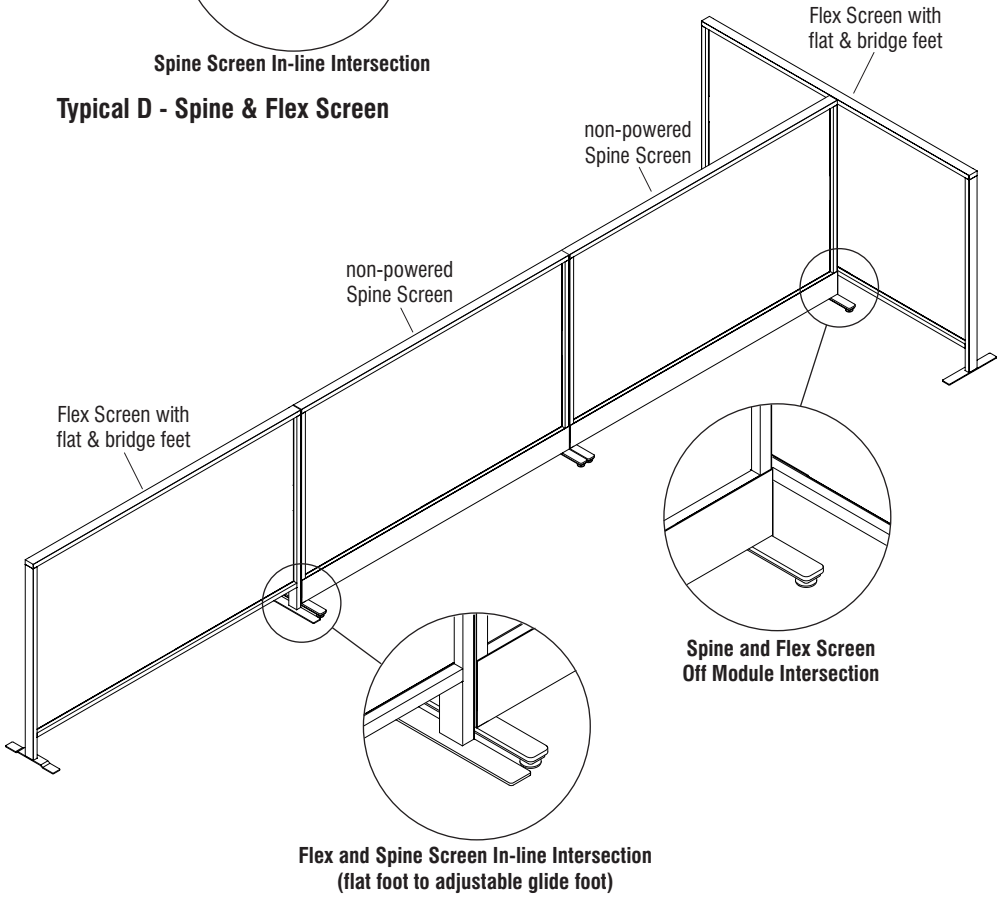


Spine and Flex Screen 3-Way Intersection (Note: The Flex Screen must be placed to one side of the two adjustable feet)

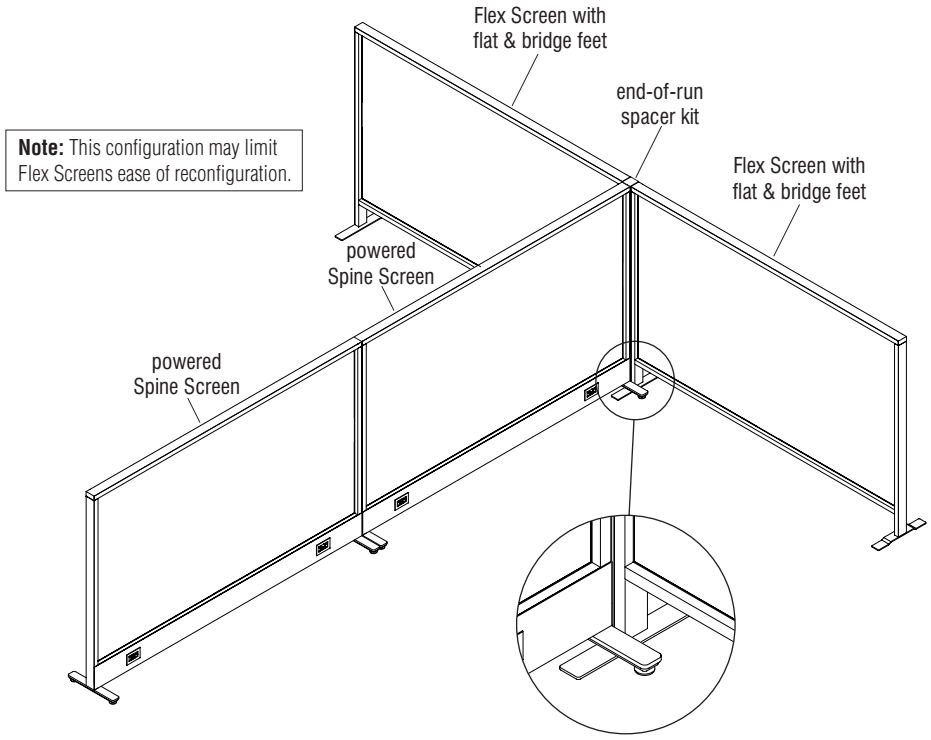
Typical C - Spine & Flex Screen



Typical D - Spine & Flex Screen



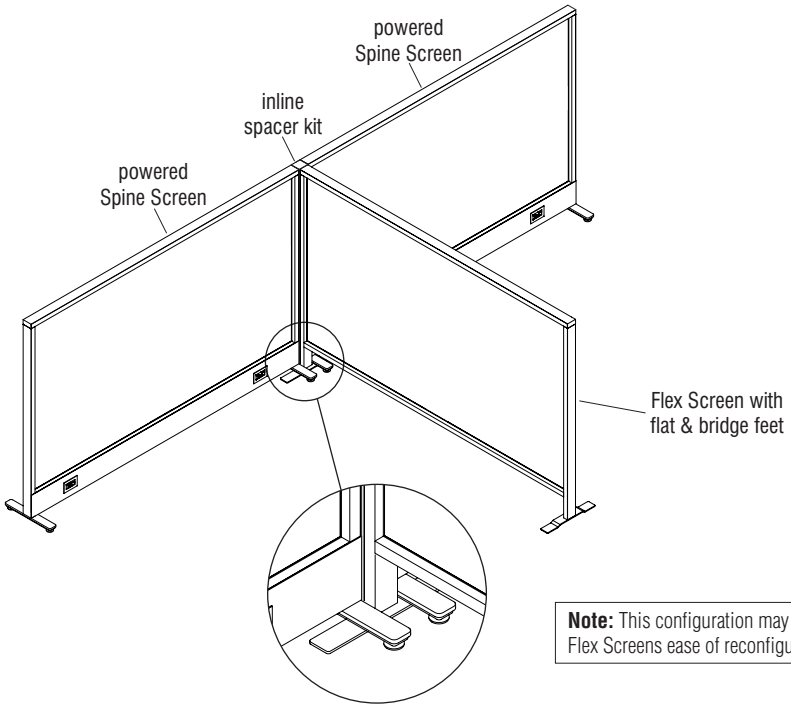
Typical E - Spine & Flex Screen



Note: This configuration may limit Flex Screens ease of reconfiguration.

Spine and Flex Screen 3-Way Intersection with End-of-Run Spacer
(one adjustable glide foot over flat or bridge foot)

Typical F - Spine & Flex Screen with End-of-Run Spacer



Note: This configuration may limit Flex Screens ease of reconfiguration.

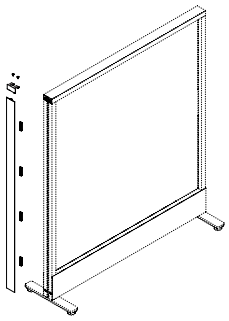
Spine and Flex Screen 3-Way Intersection with In-line Spacer
(two adjustable glide feet over flat or bridge foot)

Typical G - Spine & Flex Screen with In-line Spacer

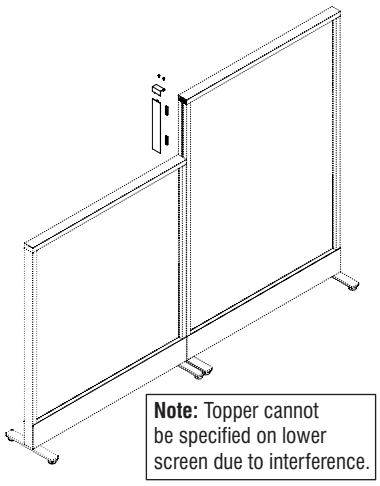
SPINE SCREEN TRIM & SPACER KITS

Product Overview & Guidelines

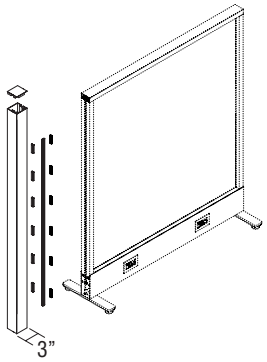
Spine Screen assembly includes powder-coated aluminum frame, core, adjustable glide feet, base and raceway cover. Top caps will be assembled when specified. End-of-run, change-of-height, and spacer trim kits can and must only be specified with Spine Screen.



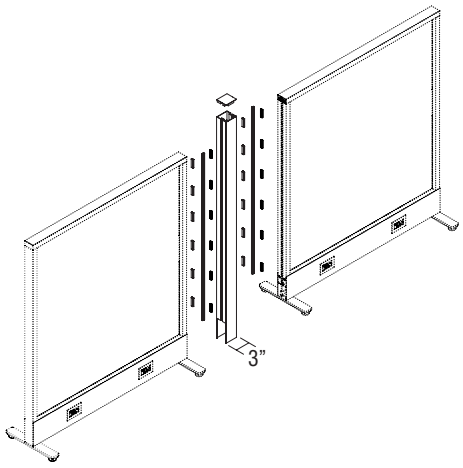
End-of-Run Trim Kit



Change-of-Height Trim Kit



End-Of-Run Spacer Kit



In-line Spacer Kit

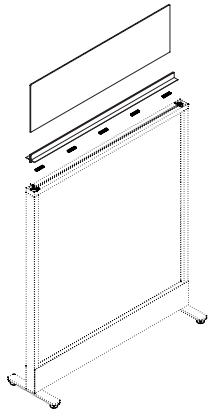
SPINE AND FLEX SCREEN TOPPER KITS

Planning Overview & Guidelines

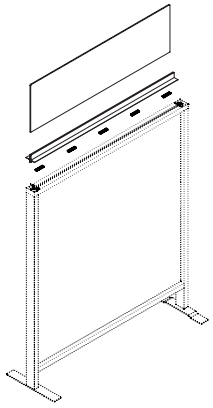
Topper Kits are always ordered separately from screens, and are specified to match the width of the screen they install onto. Topper kits must be installed onto screens on site. The Screen receiving the topper will not require a top cap, so "no top cap" must be selected when ordering the screen that will receive a Topper. Optional Toppers are available in polyester felt or acrylic.

Widths: 42"-96"
Heights: 12"

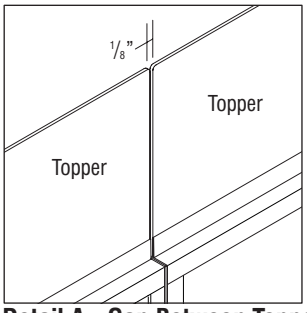
Note: Topper cannot exceed a 96" width.
Note: Topper cannot be specified on lower screen due to interference.
Note: Toppers span screen widths only and cannot span spacer kits.
Note: Toppers can span multiple screens, but it can limit the flexibility of individual screens.



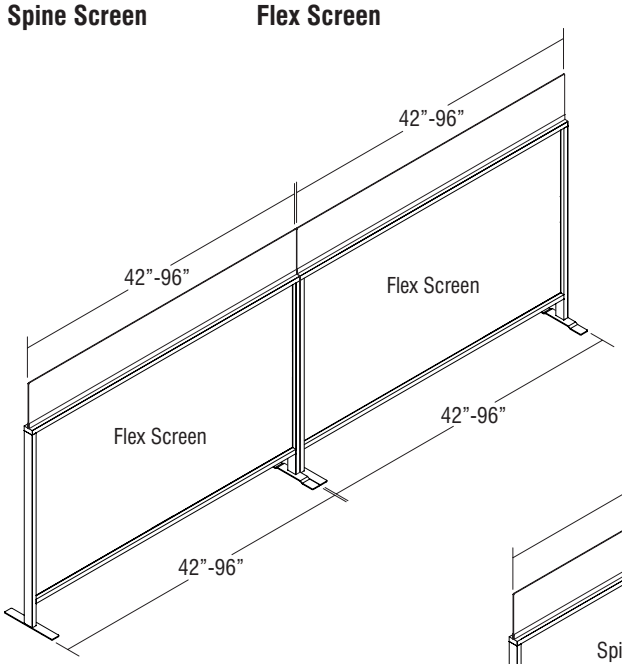
Spine Screen



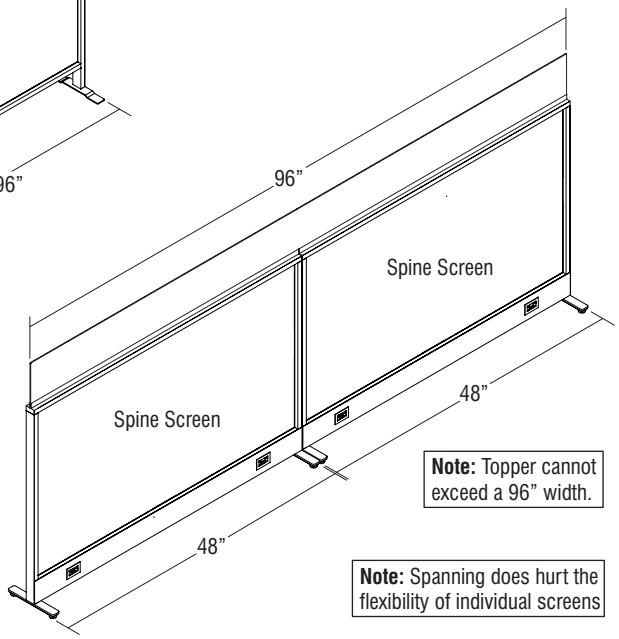
Flex Screen



Detail A - Gap Between Toppers



Typical A - Individual Topper

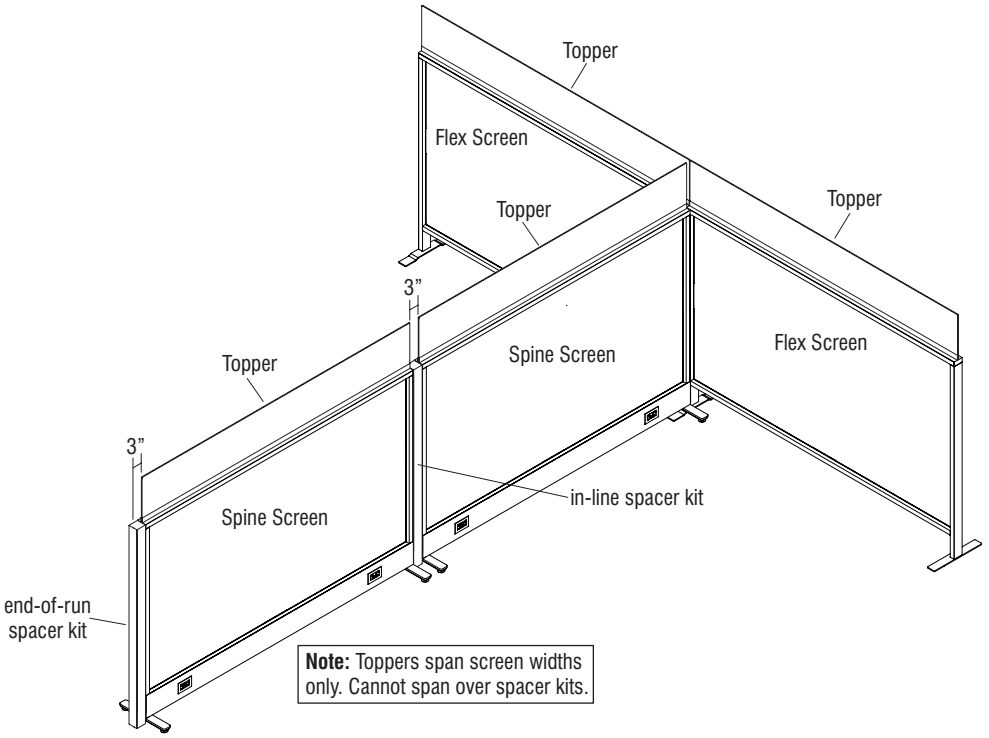


Note: Topper cannot exceed a 96" width.

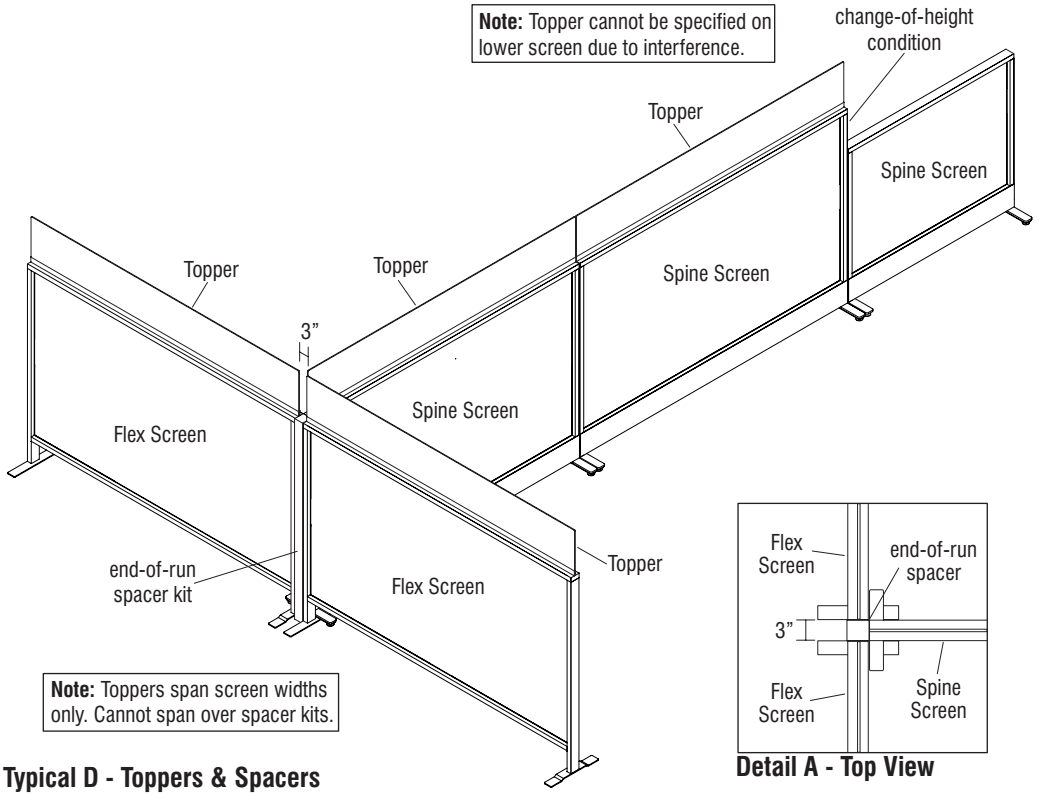
Note: Spanning does hurt the flexibility of individual screens

Typical B - Spanning Topper

SPINE AND FLEX SCREEN TOPPER KITS (cont.)



Typical C - Toppers & Spacers



Typical D - Toppers & Spacers

Detail A - Top View

ELECTRICAL

Product Overview

NOTE: Only Spine Screen with a powered base is capable of carrying and distributing power and data. Spine Screen with a non-powered base is capable of passing power cables through and/or distributing data. Flex Screen with no base does not carry or distribute power or data.

10-Wire: Spine Screen with a powered base includes a fully modular 10-wire electrical system. The factory-installed system consists of two short rigid wireways, one mounted at each end of the screen's base, and connected together with a flexible jumper between them. Each rigid wireway provides two back-to-back locations for duplex receptacles, for a maximum of four receptacles per screen regardless of size.

Workstation Planning

The pre-wired electrical utilizes the 810 10-wire system in 6-2-2 configuration UL 1286 Listed: The 6-2-2 system provides 6-circuits (20 amps each); 3-convenience and 3-isolated ground circuits (sometimes referred to as a 3 + 3 configuration). The six circuits share two oversized neutral wires. The 6-2-2 system allows multiple workstations to feed from one power supply.

A duplex receptacle (ordered separately) has two "plug-in" openings which accept 15-amp three-prong grounded plugs.

Duplex receptacles are also available as a Controlled Receptacle. The controlled receptacle is used with a circuit control device (supplied by others) and helps comply with various energy codes. A controlled receptacle has two "plug-in" openings, which accept 15-amp three-prong grounded plugs and is stamped with a controlled symbol (⏻) along with the word "controlled".

Screen-to-screen electrical is accomplished by jumpers (ordered separately).

The system is energized by either a Base Infeed (liquid-tight covered flexible conduit) or a Top Infeed (metal flexible conduit housed in an extruded aluminum pole).

To determine a screen's electrical needs, the draw of each powered device being used must be identified and accounted for.

A tag is attached to every UL listed electrical appliance which specifies how many amps that particular appliance will draw (ex: 1.5A = $1^1/_2$ amps). The total number of amps specified per circuit will determine how many appliances each infeed circuit can accommodate (recall: 6-2-2 has 6 circuits). One infeed supplies six, 20-amp circuits.

The National Electrical Code recommends loading a circuit with up to 80% of the 20-amp rating, or 16 amps.

Layouts with heavy electrical needs can be specified with more than one power infeed.

New York City 10-Wire Infeeds: Electrical trim kit with New York City infeed may be specified when an electrician is required to hardwire the power entry box to the power source.

Data Cable Management: Spine Screens can carry and distribute data via a top feed, or base feed. Data wires can enter the top feed aluminum pole the same as power. Data wires can enter the base of the screen through the opening in the bottom of trim, or through an opening in the bottom of the screen's floor channel. **Note:** Data cabling, mounting plates and accessories are not provided by KI. Data mounting plates must have ports oriented at 45°.

Hardwired Electrical: Spine Screens with "hardwired electrical" may be specified where code, such as City of Chicago Code, requires that screens be supplied with no modular power distribution. Screens specified as hardwired will have factory installed junction boxes in the base. Raceway covers for the base will have cut-outs aligning to the installed junction boxes. All electrical hardware must follow NEC requirements and must be hard wired by a licensed electrician. The electrician is responsible for all receptacles, flexible conduit, wiring and fittings.

NOTE: A single Spine Screen may not be used as a freestanding screen on its own. The spine screen must always be mechanically attached to another Spine Screen (with or without electrical).

10-Wire Electrical

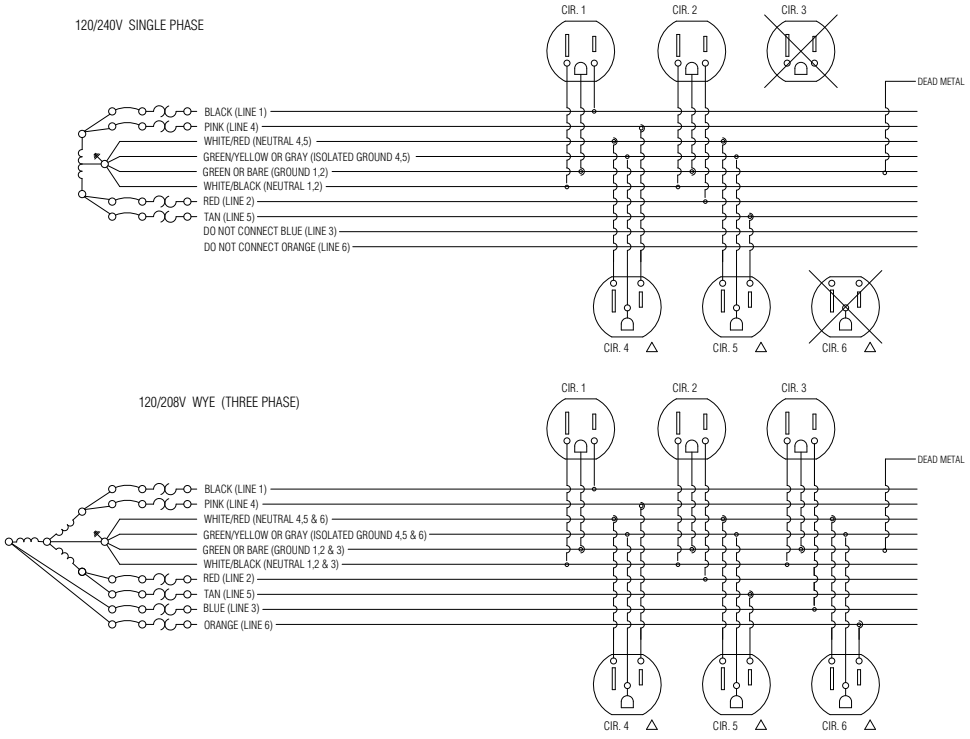
Planning Guidelines

Electrical Requirements and Compliance

Plan circuits based on the actual amperage draw of known equipment.

- Be aware of the NEC requirement that limits circuit capacity to 80 percent (16 amps for a 20-amp circuit) for circuits with continuous operating loads (more than 3 hours, e.g.; lighting, computers, etc).
- Never exceed maximum capacities or local code limitations.
- KNOW YOUR LOCAL CODES! They always take precedence.
- Determine the equipment needs for any dedicated or isolated ground circuits and plan circuit loading and power feeds accordingly.
- Circuit loading should be balanced. Plan a circuit load that is within 50 percent of the loads on the other circuits. (Balance does not apply to dedicated circuit).
- Place receptacles for known equipment only, never exceeding maximums allowed per code (13 duplexes per circuit, or local code restrictions, whichever is smaller).
- If any single piece of equipment draws more than 60 percent of the available amperage of a circuit, it must be the only device connected to that circuit. Example: A device draws 15 amps on a 20-amp circuit (75%); therefore, nothing else can be connected to the circuit the device is on.
- Always have your electrical space plans reviewed by a licensed electrician or electrical inspector to ensure that they meet all code requirements.
- Controlled receptacles in limited circuits are available to meet ASHRAE 90.1-2010 & other relevant codes.

10-wire electrical
6-2-2 connection diagram



10-Wire Electrical (cont.)

Receptacle Locations

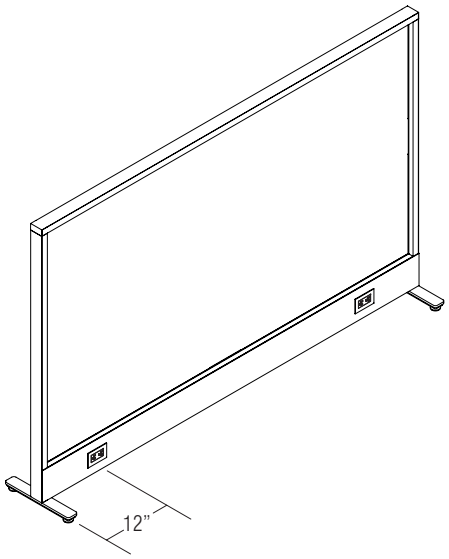
Pre-wired electrical rigid wireways are used to distribute power.

- Powered Spine Screen can be specified to support two access points per side (four total) allowing up to four duplex receptacles per screen.

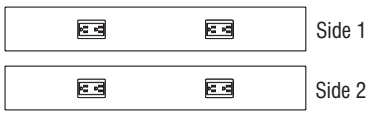
- Specify single sided 10-wire power option for receptacle cutouts on one side.

Spine Screen Power Offerings

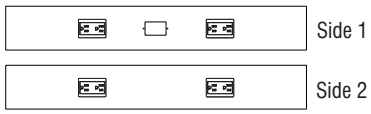
- **DP:** 10-wire power cutouts only (both sides).
- **2D:** 10-wire power cutouts only (both sides); data cutout on one side only.
- **DD:** 10-wire power & data cutouts (both sides).
- **IP:** 10-wire power cutouts on one side only; no cutouts on side two.
- **ID:** 10-wire power & data cutouts on one side only; no cutouts on side two.
- **CP:** Hardwire power cutouts only (both sides).
- **CD:** Hardwire power & data cutouts (both sides).



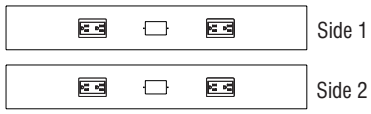
Receptacle Location



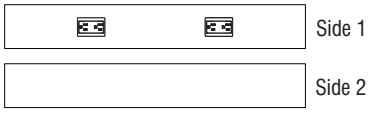
Designation Code - DP



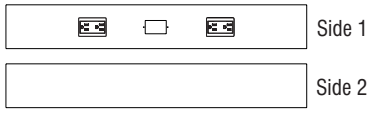
Designation Code - 2D



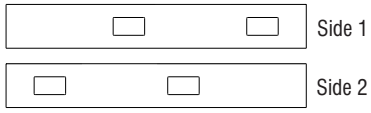
Designation Code - DD



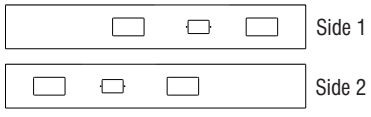
Designation Code - IP



Designation Code - ID



Designation Code - CP

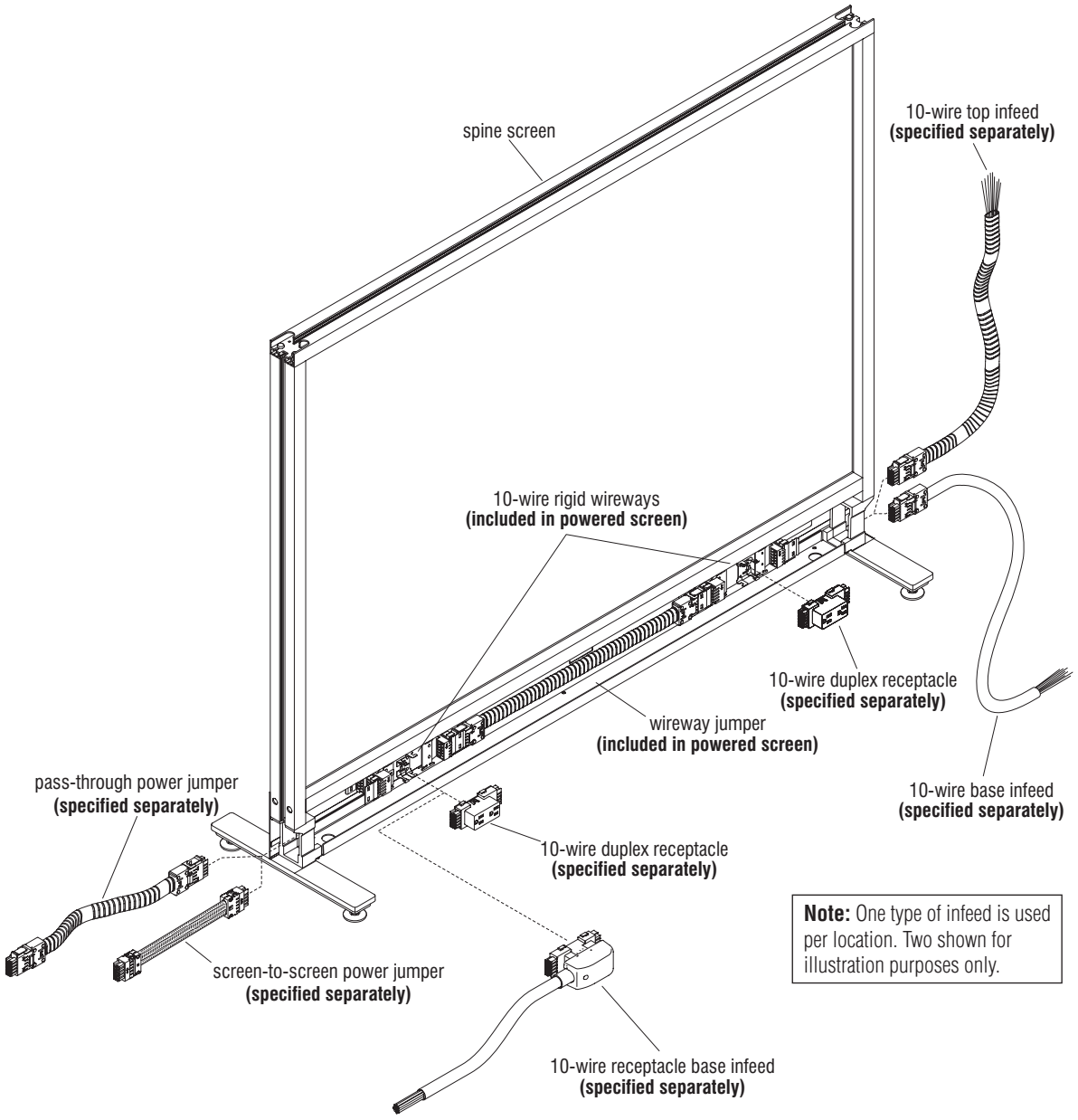


Designation Code - CD

10-Wire Electrical (cont.)

Spine Screen 10-Wire Electrical Component Layout

Each powered screen requires the use of 10-wire rigid wireways to pass power to receptacles. Wireways are factory mounted at the base of the screen. Each screen includes two wireways mounted with the center line of the receptacle 12" inches from the end of the screen. The wireway design allows for snap connection of one screen's 10-wire rigid wireway to another screen's wireway through the use of common wireway power jumpers (pass-through & screen-to-screen). Two port locations are back-to-back on each rigid wireway.

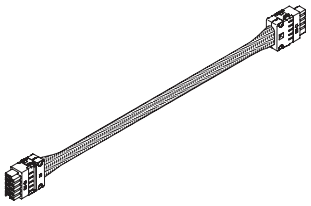


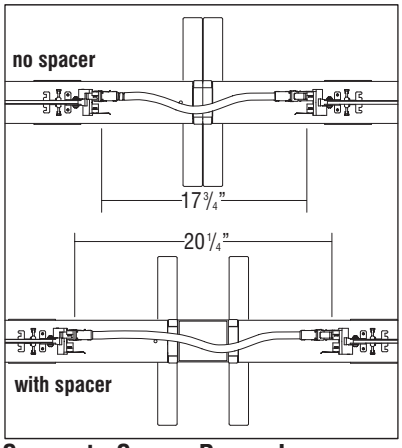
Spine Screen 10-Wire Component Layout

10-Wire Electrical (cont.)

Jumpers

A jumper is used to pass power from either one rigid wireway to another within a screen, or from one powered Spine Screen to another powered Spine Screen.

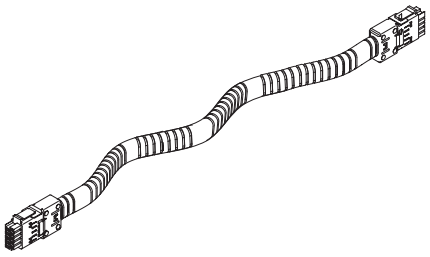




Screen-to-Screen Power Jumper

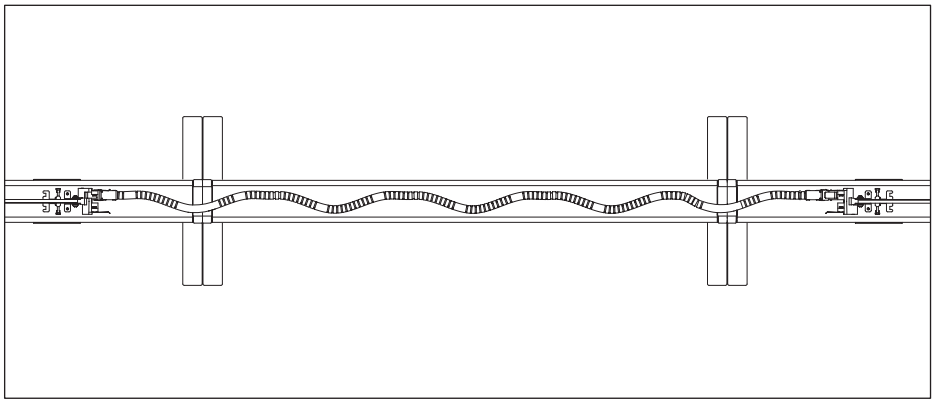
Screen-to-Screen Power Jumper (specified separately)

- Used for all powered spine to powered spine connections.
- 17¾" jumper used without spacer, and 20¼" jumper used with spacer.



Pass-Through Power Jumper (specified separately)

- Pass-through jumpers continue power through a non-powered Spine Screen unit.
- A single pass-through jumper is used to replace the rigid wireways and wireway jumper.
- Sizes offered: 48"-96". Specify size to match screen width.
- Actual jumper size offered is panel width + 17¾".



Pass-Through Power Jumper

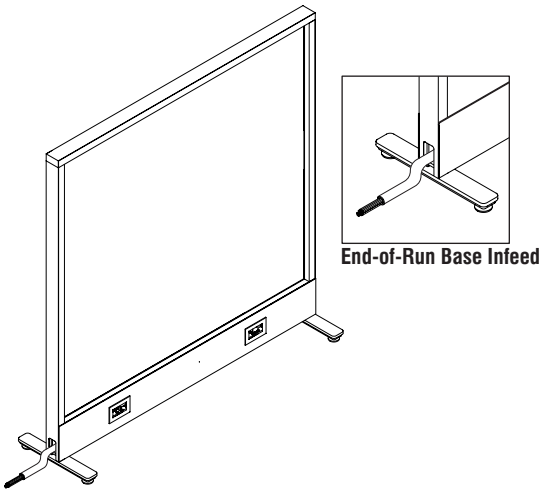
10-Wire Electrical (cont.)

Spine Screen Base Infeed

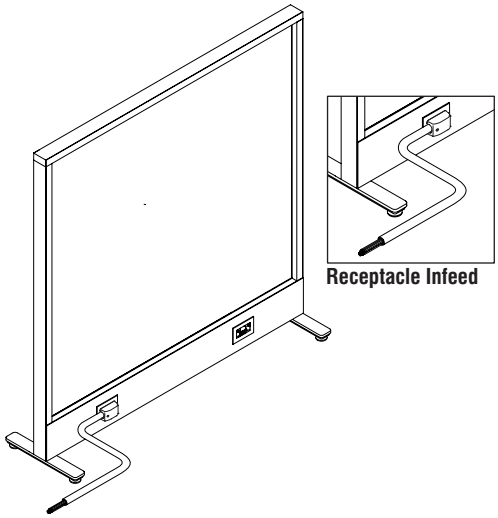
A 10-Wire Base Infeed is a liquid-tight power conduit that delivers electricity to the rigid wireways. The base infeed enters the screen through a "mouse hole" cut into end-of-run trim and connects to the rigid wireway. Sometimes referred to as a "whip", a base infeed is specified when power is delivered from the floor or wall.

The base infeed cover may be used without a 10-wire base infeed, if the cover is to exclusively route data cables (see data section).

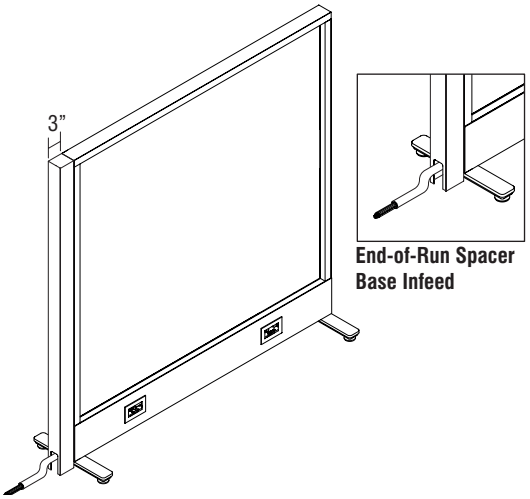
- All 10-wire base infeeds plug either into the end of a rigid wireway or a receptacle opening.
- Receptacle infeeds utilize a 72" long infeed compared to other base infeeds which are 96" long.
- Liquid-tight conduit color must be specified.
- Do not specify end-of-run trim at the location of an end-of-run base infeed.



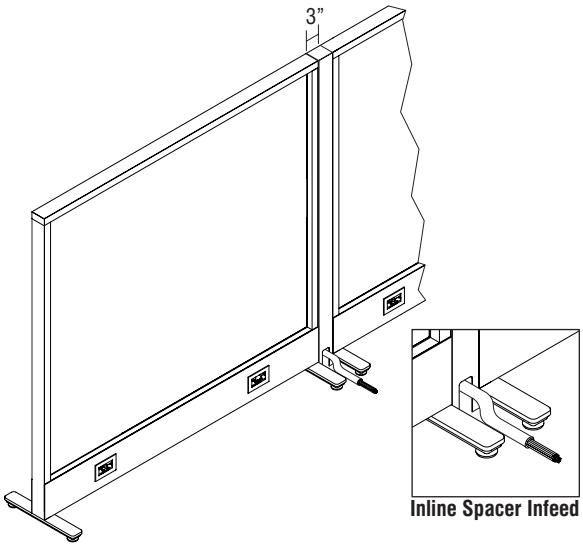
10-Wire End-of-Run Base Infeed Kit



10-Wire Receptacle Base Infeed (end-of-run trim ordered separately)



10-Wire End-of-Run Spacer Base Infeed Kit



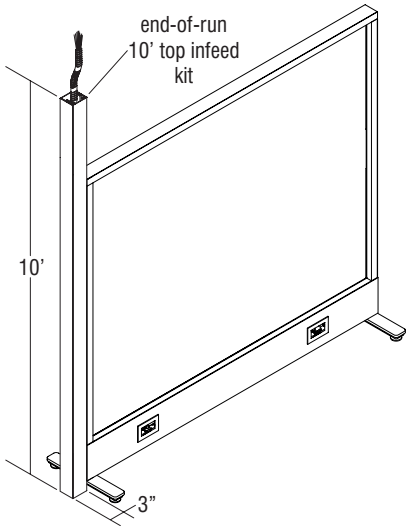
10-Wire In-line Spacer Base Infeed Kit

10-Wire Electrical (cont.)

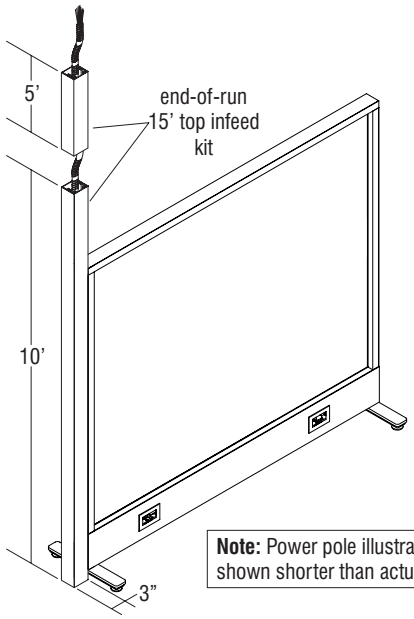
10-Wire Top Infeed

Top infeed is accomplished through a 3" square, extruded aluminum power pole which extends from floor to ceiling, to bring power from at or above ceiling level, down to a screen's 10-wire electrical system (in the base of the screen). Two kits are available, one at 10-foot tall, and another at 10-foot tall plus a 5-foot extension (15' total height for taller ceilings) with splice plate and hardware. Top infeed kits may be specified as end-of-run, or in-line. Ceiling trim plates are not used on poles.

- A top infeed kit must be ordered which is at least 12" higher than the ceiling height.
- The 10-foot top infeed kit pole consists of a 10' extruded aluminum pole, two side covers and vertical end cover. Pole and trim covers are painted and must be field-cut to size.
- The 15-foot top infeed kit pole consists of a 10' extruded aluminum pole, two side covers and vertical end cover, plus a 5' extension pole with covers, a splice plate and hardware. Poles and trim covers are painted and must be field-cut to size.
- Power for both top infeed kits utilize a ½" liquid-tight flexible metal conduit containing ten wires and having a modular connector end for the 810 Electrical System. The 10-foot kit gets a 12' long whip and the 15-foot kit gets a 18' long whip. The connector end plugs into the Spine Screen's 10-wire rigid wireway, while the exposed 10-wires are connected to the source power by a qualified electrician.
- Both the 10-, or 15-foot top infeed kits may be ordered without 10-wire power conduit, if pole is to be used exclusively for data cables or for Chicago Code Hardwired installations.
- All 10-wire top infeed's connector end plugs into the end of a rigid wireway.
- Top infeeds at end-of-run locations include all necessary trim. Do not specify end-of-run trim separately.
- Pole color must be specified.



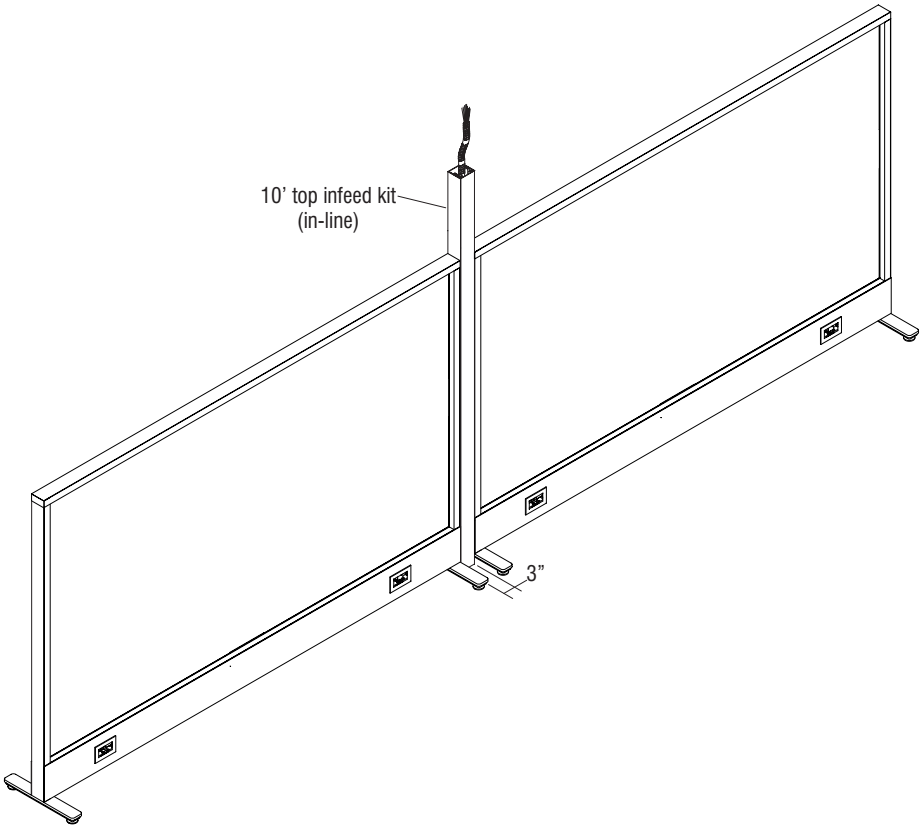
10-Wire Top Infeed Kit (End-of-Run, 10-Foot)



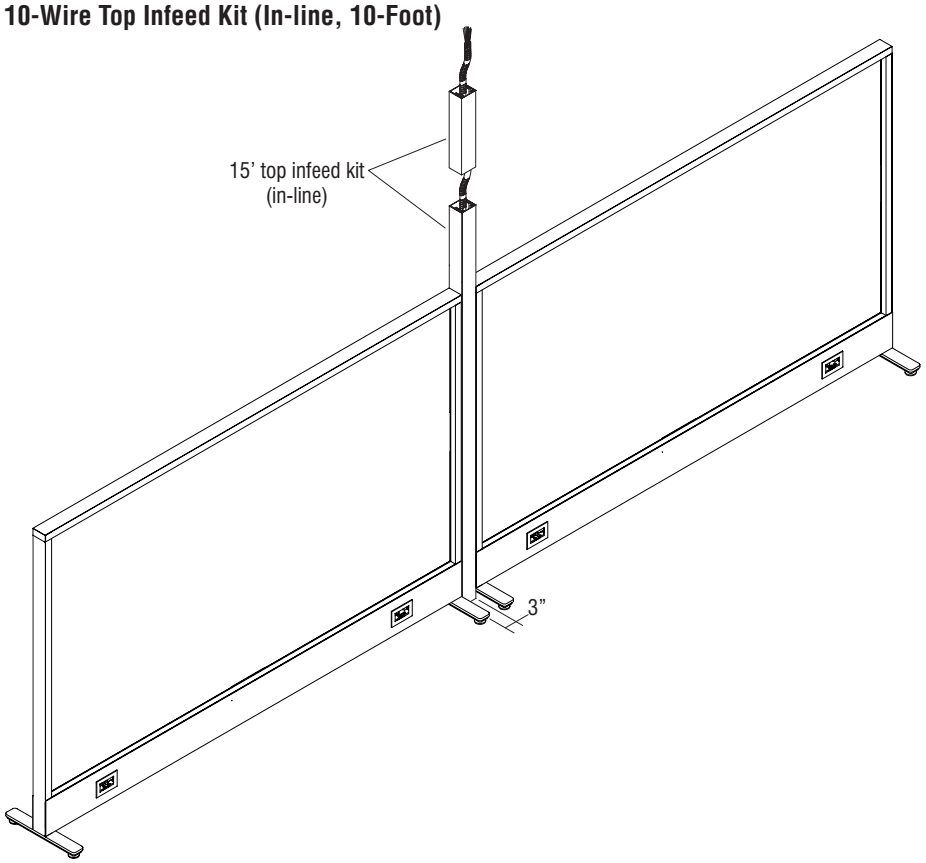
10-Wire Top Infeed Kit (End-of-Run, 15-Foot)

Note: Power pole illustrations are shown shorter than actual product.

10-Wire Electrical (cont.)



10-Wire Top Infeed Kit (In-line, 10-Foot)



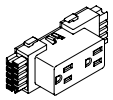
10-Wire Top Infeed Kit (In-line, 15-Foot)

10-Wire Electrical (cont.)

Duplex Receptacles

15-amp duplex receptacles plug into rigid wireways and provide access to power.

- Bezels are included with powered Spine Screens, but the color must be specified.
- Receptacles are molded plastic and available in standard colors.
- Receptacles are labeled with circuit identification numbers 1 to 6.
- Isolated ground circuit receptacles (4I, 5I & 6I) are labeled with an open orange triangle after the orange lettered circuit number for easy identification.



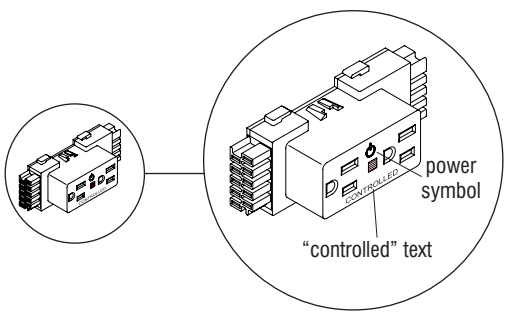
- Rated 15 amps at 120 volts.
- 6-2-2 available in circuits 1, 2, 3, 4I, 5I, 6I.

15-Amp Duplex Receptacle

Controlled Receptacles

Duplex receptacles are also available as a Controlled Receptacle. The controlled receptacle is used with a circuit control device (supplied by others) and helps comply with various energy codes. A controlled receptacle has two "plug-in" openings, which accept 15-amp three-prong grounded plugs and is stamped with a controlled symbol (⏻) along with the word "controlled".

- Bezels are included with powered Spine Screens, but the color must be specified.
- Receptacles are molded plastic and available in Warm Grey, Black, Light Tone and Sand.
- Receptacles are labeled with power symbol and text that says "Controlled".
- Also requires a circuit control device (typically a timer or motion sensor, supplied by others). Customer is responsible for wiring the circuit control device at the infeed.
- Controlled receptacles when used in conjunction with a circuit control device (supplied by others) save energy by utilizing motion sensor technology to shut off power to those receptacles.
- Additional colors/circuits are available as custom options. Contact KI Customer Service.
- Receptacles plug into rigid wireways and provide access to power.
- Receptacles are labeled with circuit identificaction numbers 1 to 3.



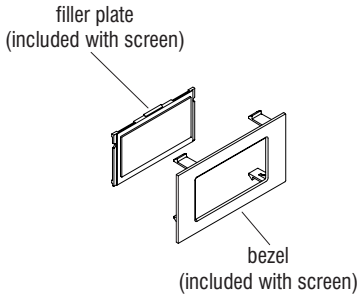
- Rated 15 amps at 120 volts.
- Controlled 6-2-2 receptacles available in circuits 1, 2, 3.

15-Amp Controlled Receptacle

10-Wire Electrical (cont.)

Receptacle Filler Plates

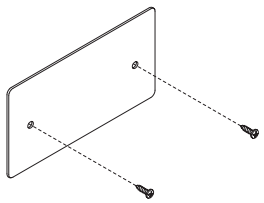
- Filler plates are included with powered screens to replace a receptacle location on the base cover when a receptacle is not used in that location.
- Filler plate color will match the bezel color selection.



Receptacle Filler Plate

Data Cover Plates

- Data cover plates are ordered separately to replace a data cutout location on the base cover when a data port is not used in that location. Includes attachment hardware.



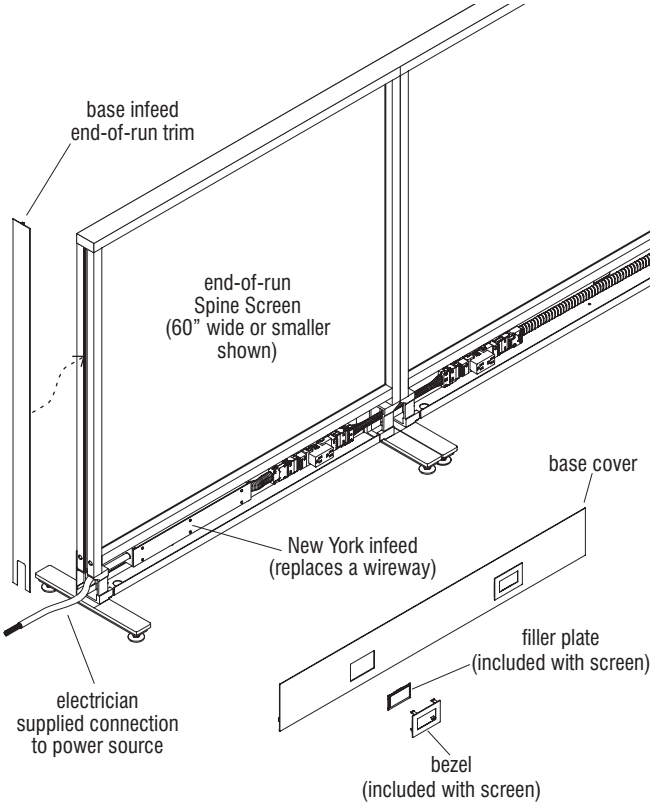
Data Cover Plate

10-Wire Electrical (cont.)

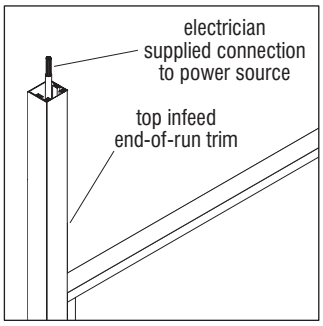
New York City 10-Wire Infeed

The City of New York, 10-wire power infeed consists of a service entry box sized for the 10-wire power distribution system. Building source power wires enter the box and are hard wired to the 10-wire ends in the box. Power exits the box through flexible conduit with a 10-wire modular connector end. The connector end feeds to the factory-installed 10-wire power distribution system. Service entry box is specified separate from Tattoo Screens and is field installed.

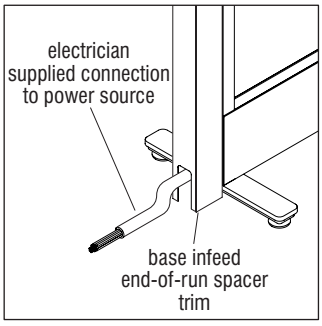
- New York Infeed can be used at end-of-run conditions only.
- The electrician supplied connection to power source with the New York City Infeed can enter through a base infeed end-of-run trim (figure below), may enter at ceiling level through a top infeed end-of-run trim (detail below), or through a base infeed end-of-run spacer trim (detail below).
- 48", 54" & 60" wide screens will lose the use of one wireway and the associated two receptacles.
- For screens 66" or wider, the New York Infeed box sits in between the two wireways. Wireway jumper runs under the New York Infeed box.
- Filler plate must be used on un-used receptacle location on 48", 54" & 60" wide screens.
- All electrical wiring, connections, and components are to be installed by a licensed electrician.
- Screen is ordered with standard 10-wire electrical.



New York Infeed on 60" Wide or Smaller Screen

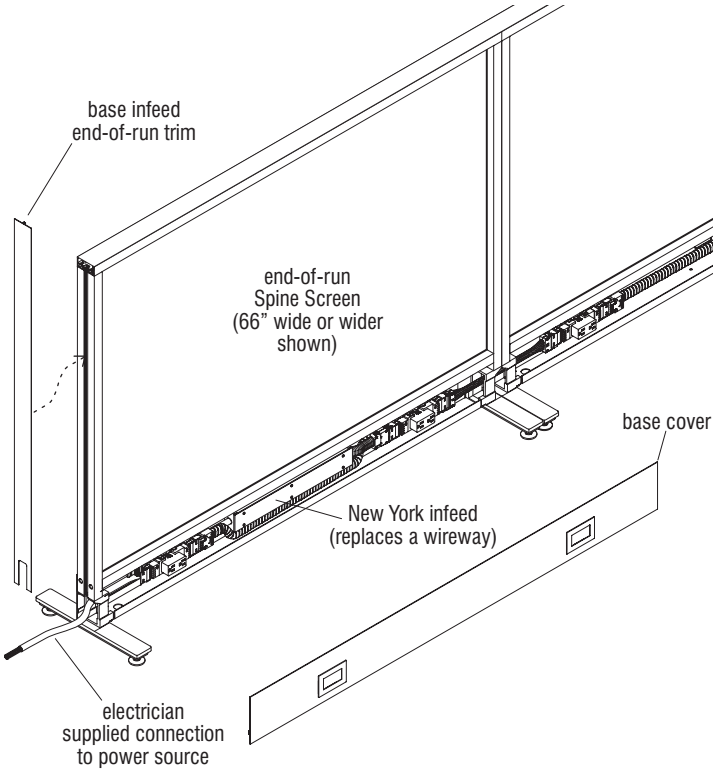


EOR Top Infeed Detail

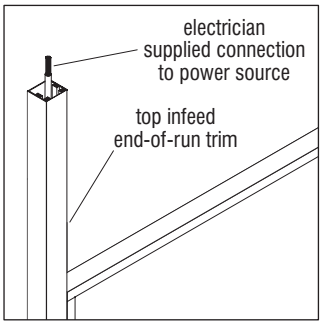


EOR Base Infeed Spacer Detail

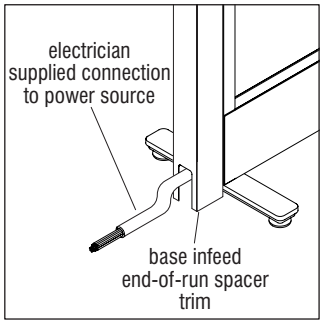
10-Wire Electrical (cont.)



New York Infeed on 66" Wide or Larger Screen



EOR Top Infeed Detail



EOR Base Infeed Spacer Detail

Data Management

Planning Guidelines

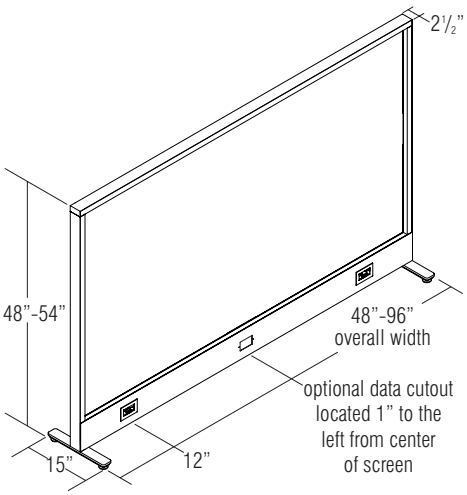
Note: Calculations for data cable capacity assume the following size ranges:
- CAT6 = .21" to .25" diameter
- CAT5/5E = .19" to .22" diameter

CAT6 cables are manufactured with larger copper conductors (lower insertion loss = less noise + stronger signal) than CAT5 and may include an internal divider called a "cross-web" that serves to separate the pairs and reduce cross-talk noise.

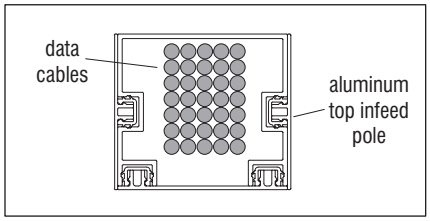
Data Top Infeeds
- Utilizes the same infeed kits as the 10-wire power.
- The 10-foot top infeed kit pole consists of a 10' extruded aluminum pole, two side covers and vertical end cover. Pole and trim covers are powder-coat painted and must be field-cut to size.
- The 15-foot top infeed kit pole consists of a 10' extruded aluminum pole, two side covers and vertical end cover, plus a 5' extension pole with covers, a splice plate and hardware. Poles and trim covers are powder-coat painted and must be field-cut to size.
- Top Infeed aluminum pole can manage up to 36 CAT6 data cables (see detail below).
- Top infeeds at end-of-run locations include all necessary trim. Do not specify end-of-run trim separately.
- Pole paint color must be specified.

Data Base Infeeds
- Utilize same infeed kits as 10-wire power, except for the receptacle infeed which does not carry data.
- Capacity for data cable lay-in within the screen is approximately 24 CAT6 or 5/5E data cables (see detail below).
- Capacity for data cable grouping is one 2.5" diameter bundle of CAT6 or 5/5E data cables. **Caution:** Do not over fill. Over filling can exert pressure on the base trim and prevent it from closing properly.
- Optional data cutout is 2.88" wide by 1.82" tall and can be specified on one or both sides of a Tattoo Spine Screen.

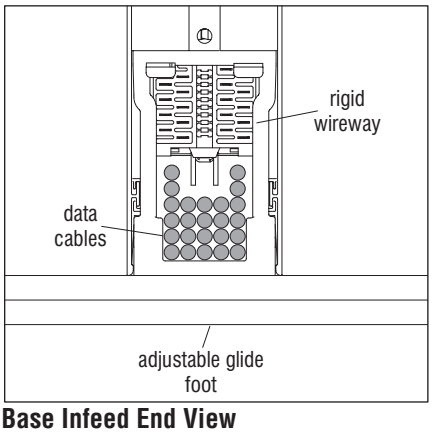
Note: Data cabling, mounting plates and accessories are not provided by KI. Data mounting plates must have ports oriented at 45°.



Spine Screen with 10-Wire Power & Data



Top Infeed Top View

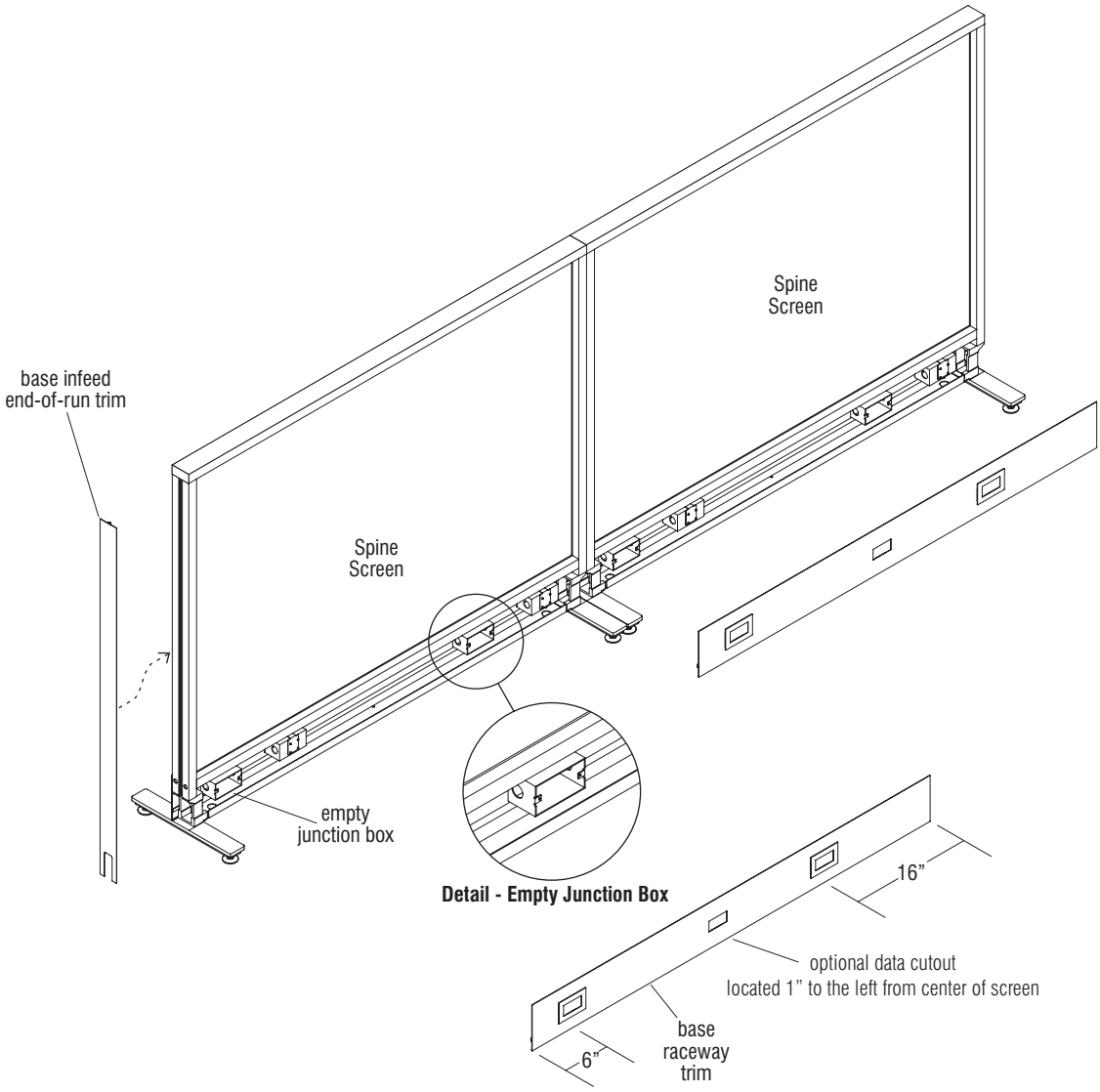


Base Infeed End View

Hardwired Electrical (Chicago Code)

Spine Screen Hardwired Electrical (Chicago Code) Component Layout

Hardwired electrical components may be specified for use in installations where required by local code (such as Chicago). Tattoo Spine Screens so specified are shipped only with receptacle enclosures, are absent of other electrical components, but are ready to receive field-added electrical to the receptacle enclosure by the customer's licensed electrician. Receptacle enclosures are constructed of 14-gauge galvanized metal in accordance with the National Electrical Code. Openings are located on both sides of the screen for dual-sided applications. Infeeds, wiring, connections and all other electrical accessories are provided and connected by a licensed electrician.

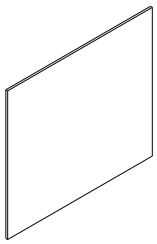


Spine Screen Hardwired Electrical (Chicago Code) Layout

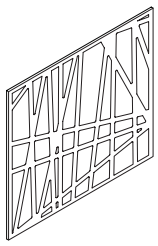
ACCESSORIES

Product Overview

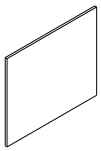
Paper management as well as tackable and markerboard surfaces work with all magnetic surfaces. Coat hooks and sliding dual-purpose board hang from the top frame of the screen.



Solid Polyester Felt Magnetic Insert



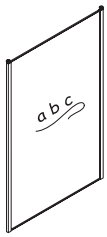
Patterned Polyester Felt Magnetic Insert



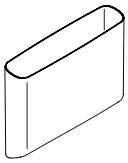
Magnetic Tackboard Tiles



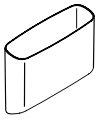
Coat Hook



Sliding Dual-Purpose Board



Binder Bin



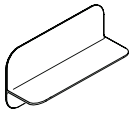
File Bin



Low Bin



Pencil Cup



Shelf

Magnetic Inserts & Tackboard Tiles

Polyester Felt Magnetic Inserts

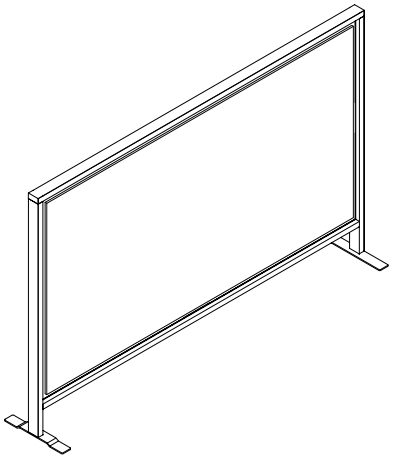
Polyester felt magnetic inserts are constructed from ½" thick tackable, 100% polyester felt and are available in a variety of colors. The inserts have a density of 0.5 lb/ft² and are sound absorbing with an acoustic rating of 0.45-0.90 NRC (acoustic range varies due to size and space relation). The panels are in accordance with ASTM-E84 and achieve a Class A Flame Spread. Magnetic strips are applied to one side using adhesive. Nominal thickness is ½". Not offered on 42" height screens and can only be used on monolithic screens with a dry-erasable steel core. Specify size to match screen size.

Widths: 40", 46", 52", 58", 64", 69", 75", 81", 87" & 93"
Heights: 39" (used on 48" height screen) & 45" (used on 54" height screen)

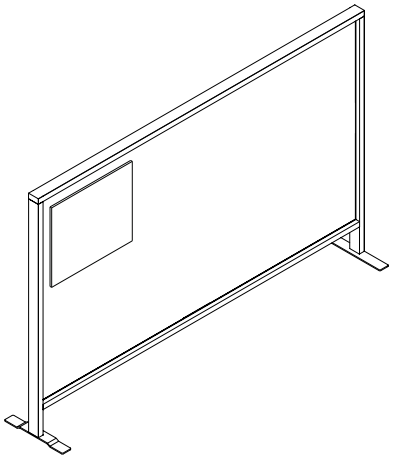
Magnetic Tackboard Tiles

Magnetic tackboard tiles are constructed of a wood fiber core upholstered on one side using adhesive. Magnetic strips are applied to the non-upholstered side using adhesive and can only be used on screens with a dry-erasable steel core. Nominal thickness is ½".

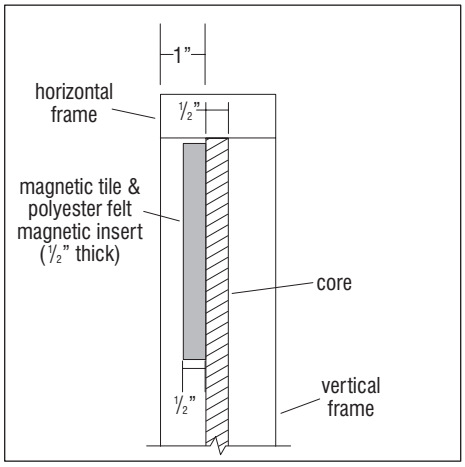
Sizes Offered**:** 18" x 18", 18" x 24" & 24" x 24".



Polyester Felt Magnetic Inserts



Magnetic Tackboard Tile



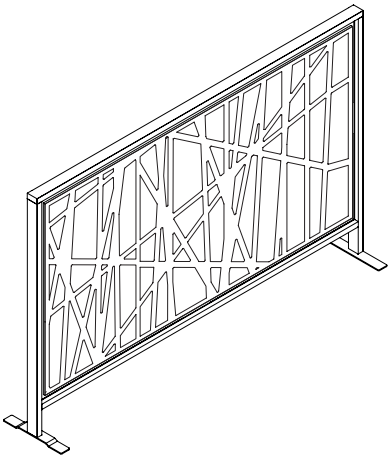
Screen Side View Cut-Away

Magnetic Inserts & Tackboard Tiles (cont.)

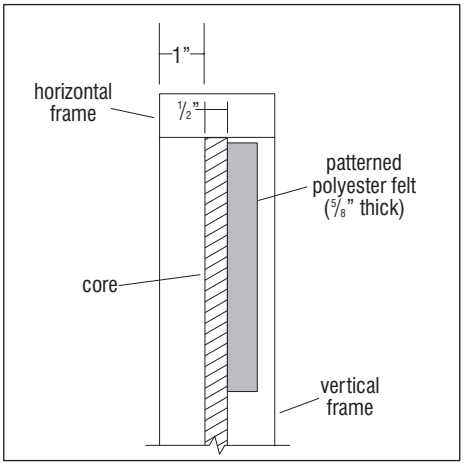
Patterned Polyester Felt Magnetic Inserts

Patterned polyester felt magnetic inserts are constructed from two layers of 100% polyester felt and are available in a variety of colors. The inserts are sound absorbing with an acoustic rating of 0.35-0.90 NRC. Magnetic strips are applied to one side using adhesive. Nominal Thickness is 5/8". Not offered on 42" height screens and can only be used on screens with a dry-erasable steel core. Specify size to match screen size. **Note:** For custom patterns and sizes, contact KI Customer Service for pricing and sample pattern drawings.

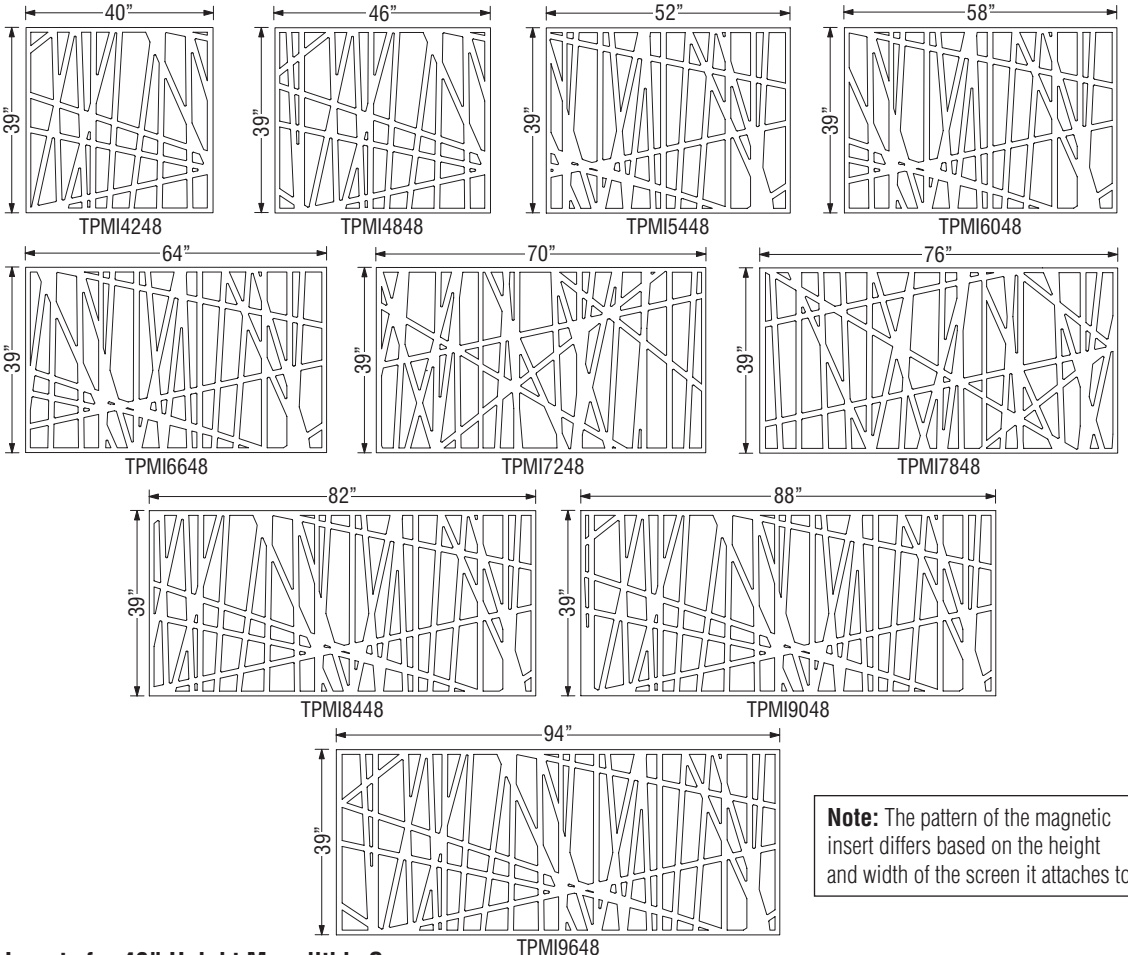
Widths: 40", 46", 52", 58", 64", 70", 76", 82", 88" & 94"
Heights: 39" (used on 48" height screen) & 45" (used on 54" height screen)



Patterned Polyester Felt Magnetic Inserts



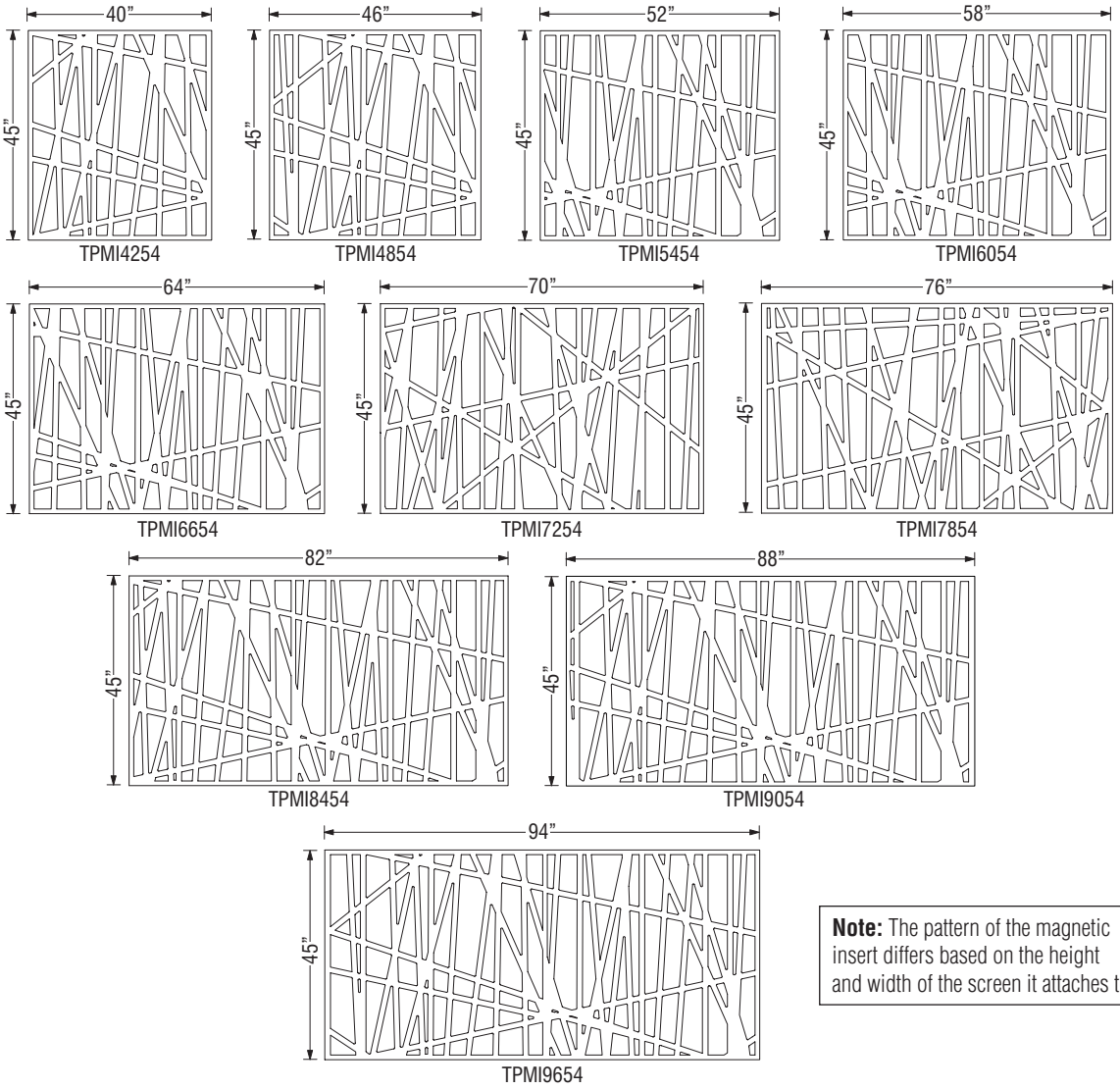
Screen Side View Cut-Away



Inserts for 48" Height Monolithic Screens

Note: The pattern of the magnetic insert differs based on the height and width of the screen it attaches to.

Magnetic Inserts & Tackboard Tiles (cont.)



Note: The pattern of the magnetic insert differs based on the height and width of the screen it attaches to.

Inserts for 54” Height Monolithic Screens

Coat Hook & Sliding Dual-Purpose Board

Coat Hook

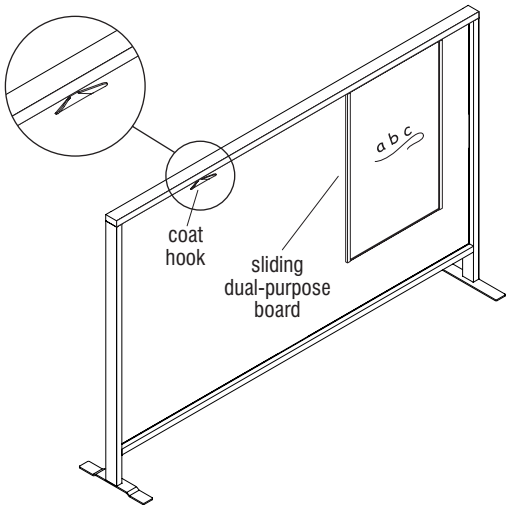
Formed 11-gauge bent steel unit is powder-coat painted in a variety of colors. Coat hook comes with a nylon glide which is attached to the hook using a ½" cap screw. The nylon glide fits into an access opening under the top frame of Spine & Flex Screens, allowing the coat hook to slide into location. **Note:** The coat hook does work on screens specified with a magnetic insert.

Sliding Dual-Purpose Board

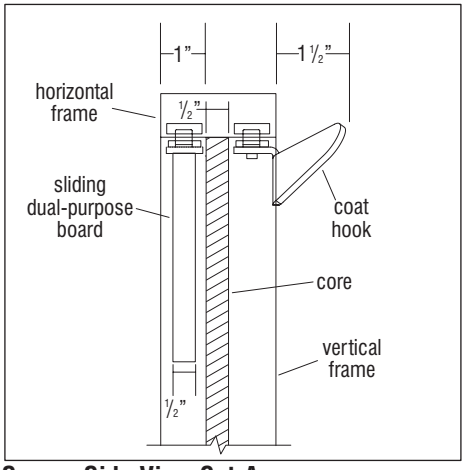
The sliding boards are constructed of a fiberglass core, upholstered on one side and adhered to a 28-gauge steel pan on the other. The steel is covered in a polyester film, creating a writable and dry-eraseable surface. The fabric is always railroaded. The core is trimmed on two sides by extruded aluminum. Attached nylon glide fits into access opening in top frame of Spine & Flex Screens allowing the Sliding Dual-Purpose Board to adjust smoothly to various locations.

Note: Sliding Dual-Purpose Board cannot be specified for use on segmented Flex Screens.

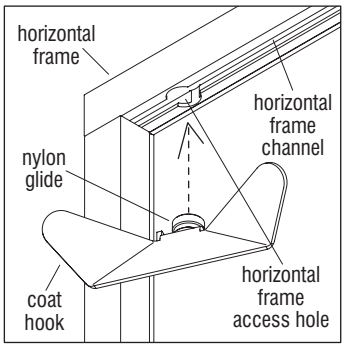
Dimensions: 24" Width by 38½" Height by ½" Depth.



Coat Hook & Sliding Dual-Purpose Board



Screen Side View Cut-Away



Screen Horizontal Frame Channel (sliding panel installs the same)

Magnetic Storage

Magnetic Storage & Shelving

ABS plastic bins provide storage for a range of office and personal items. All plastic bin accessories include vinyl magnets, powder-coated steel mounts, and work on almost any magnetic surface. Magnetic storage and shelving are available in slate or white.

Binder Bin
- Holds up to 10 lbs.
- 10" Width by 13" Height by 3" Depth

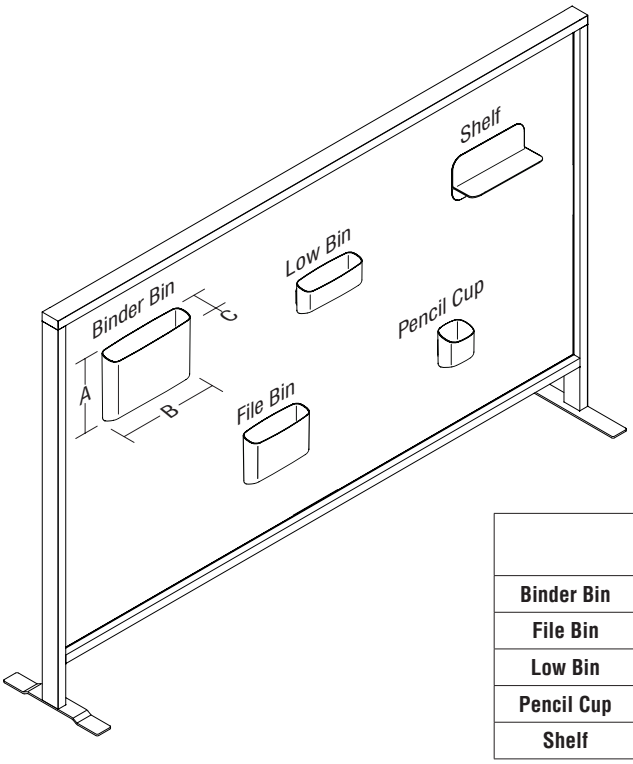
File Bin
- Holds up to 10 lbs.
- $9\frac{1}{2}$" Width by $9\frac{1}{2}$" Height by $3\frac{1}{2}$" Depth

Low Bin
- Holds up to 5 lbs.
- $9\frac{3}{8}$" Width by $4\frac{1}{4}$" Height by $3\frac{5}{8}$" Depth

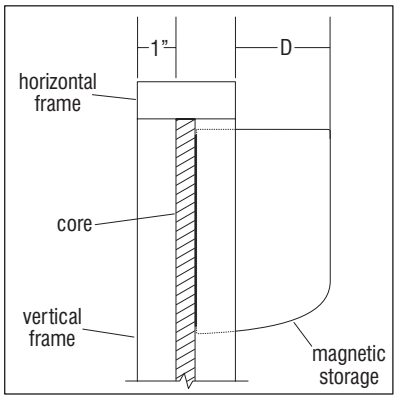
Pencil Cup
- Holds up to 1.5 lbs.
- 3" Width by 4" Height by 3" Depth

Shelf
- Holds up to 10 lbs.
- 10" Width by 5" Height by 4" Depth

Caution: Storage and shelving should not be placed directly above height-adjustable tables.



Magnetic Storage and Shelving



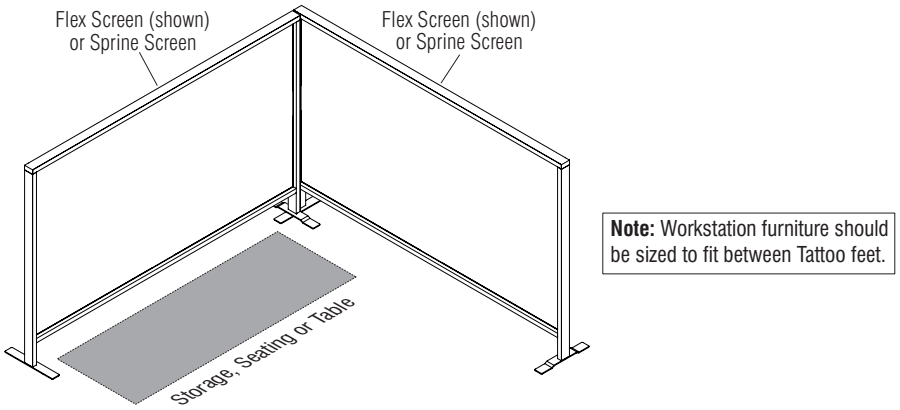
Screen Side View with Storage

	Width (A)	Height (B)	Depth (C)	Protrusion (D)
Binder Bin	10"	13"	3"	2"
File Bin	$9\frac{1}{2}$"	$9\frac{1}{2}$"	$3\frac{1}{2}$"	$2\frac{1}{2}$"
Low Bin	$9\frac{3}{8}$"	$4\frac{1}{4}$"	$3\frac{5}{8}$"	$2\frac{3}{8}$"
Pencil Cup	3"	4"	3"	2"
Shelf	10"	5"	4"	3"

SEATING

Product Overview & Guidelines

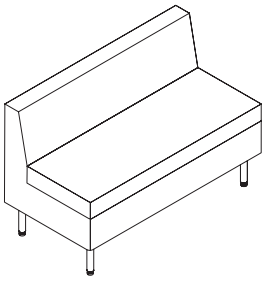
Note: When workstation furniture is used with Tattoo Screens, it is recommended to oversize screens or undersize the furniture so that furniture does not interfere with the screen's feet. This is to ensure flexibility for reconfiguration should the desire arise. Please be mindful when corner conditions are present, because the overlapping feet will decrease the space between the screen.



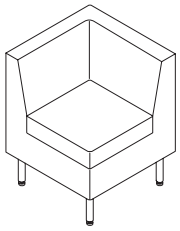
Workstation Furniture

Tattoo seating is light scale, clean, and efficiently designed for user control of elements related to placement, purpose, accessibility and power.

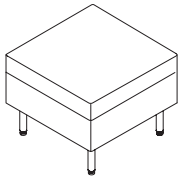
- Unique space saving design maximizes a limited footprint.
- All Tattoo seating is the same overall height as Tattoo vanity storage, creating consistent sightlines.
- Tattoo seating components all have the same depth for modular configurations, and ease of rearrangement.
- Available with glides (shown) or casters.
- Optional USB and 120V power module.
- Optional laminate table surface is integrated into Tattoo Slim Seat.



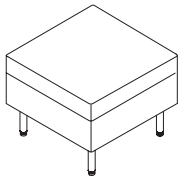
TLS/TLSQ/TLSR
Slim Seat



TLT
Slim Corner



TI3
Ottoman

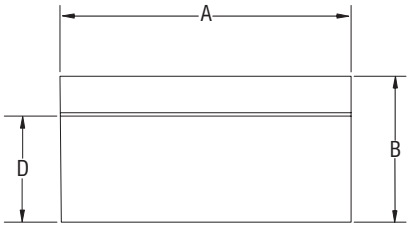


TLE
Table

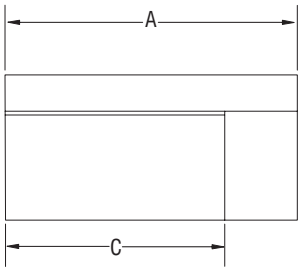
SEATING (cont.)

Dimensions

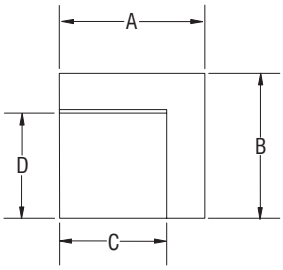
Overall Dimension							
Model	A (width)	B (depth)	C (seat width)	D (seat depth)	E (overall height)	F (seat height)	G (leg length)
Ottoman (TL3)	22"	22"	22"	22"	18"	18"	7"
Table (TLE)	22"	22"			18"		7"
Slim Seat (TLS)	44"	22"	44"	16"	29"	18"	7"
Slim Seat with Integrated Table (TLSQ/TLSR)	44"	22"	33"	16"	29"	18"	7"
Slim Corner (TLT)	22"	22"	16"	16"	29"	18"	7"



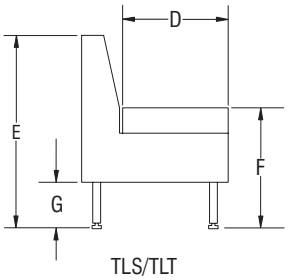
TLS
Slim Seat (top view)



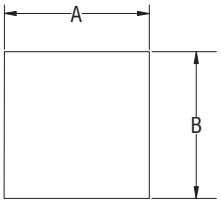
TLSQ/TLSR
Slim Seat with Integrated Table (top view)



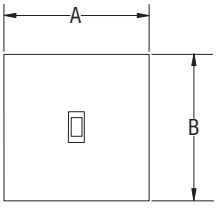
TLT
Slim Corner (top view)



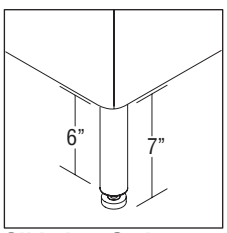
TLS/TLT
Slim Seat/Slim Corner (sideview)



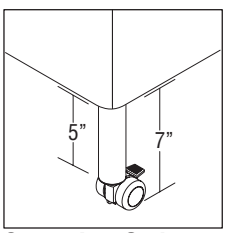
TL3
Ottoman (top view)



TLE
Table (top view)



Glide Leg Option



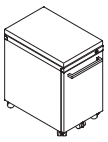
Caster Leg Option

STORAGE

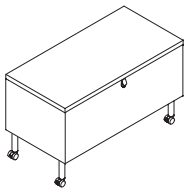
Product Overview & Guidelines

Tattoo storage collection encourages users to be and do their best work. This storage line offers mobility and user-control that adapts to at-the-moment needs for privacy and interaction.

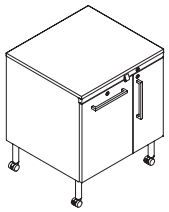
- Unique leg placement is inset from the edge to allow for perfect placement anywhere within the work space. Available with casters or glides.
- 7" leg provides easy access to power when using spine screens. Same leg aesthetic as the Tattoo seating pieces for a cohesive design.
- Store the things that matter most. Tattoo storage offers a balance of work and personal storage with plenty of space to store your purse, gym bag or a change of shoes as well as files.
- Overlay fronts for a clean design across the entire line.
- Modern style large square pull and unique strap pulls are optional on all Tattoo storage units offering self-expression.
- User-controlled privacy integrated into several storage pieces.
- User customization of workspace with integrated white boards and tackable materials.



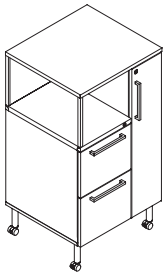
TSPD
Pedestal



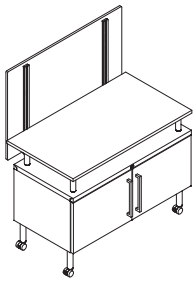
TSCH
Chest



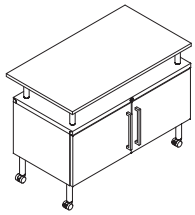
TSVA
Vanity



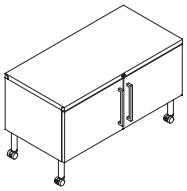
TSTW
Tower



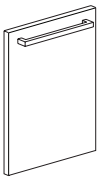
TSCB CWS
Low Cupboard



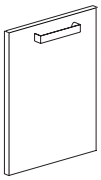
TSCM CW
Low Cupboard with Raised Worksurface



TSCB CS
Low Cupboard with Adjustable Screen



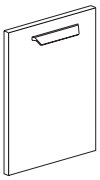
224mm
Satin Chrome
Square Pull



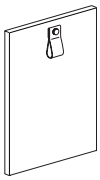
128mm
Nickle
Connection Zone Pull



128mm
Nickle
Curved Pull

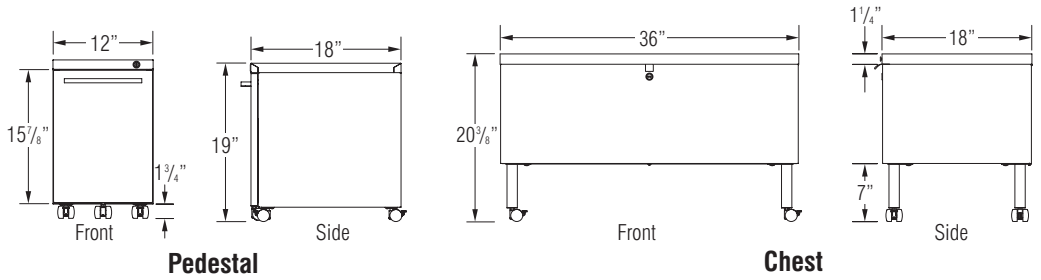


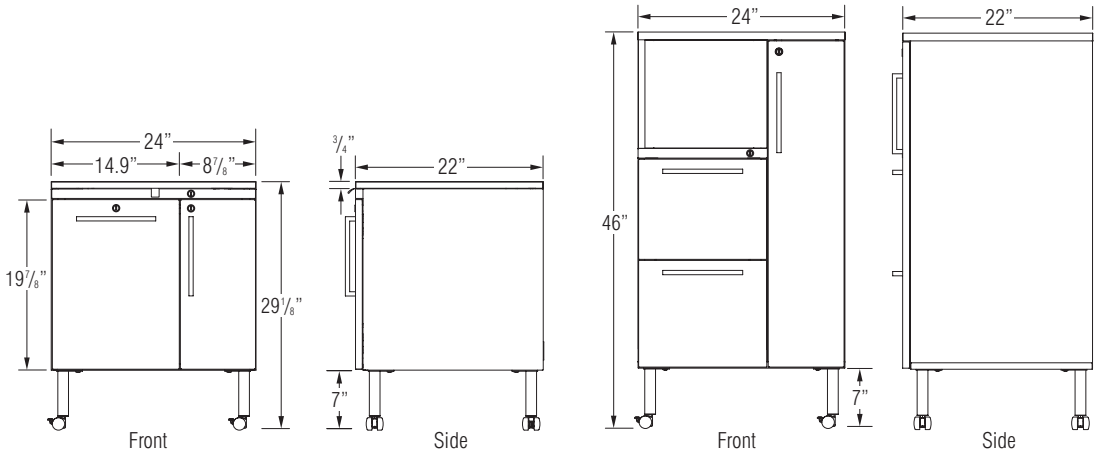
128mm
Black or Satin Chrome
Beveled Pull

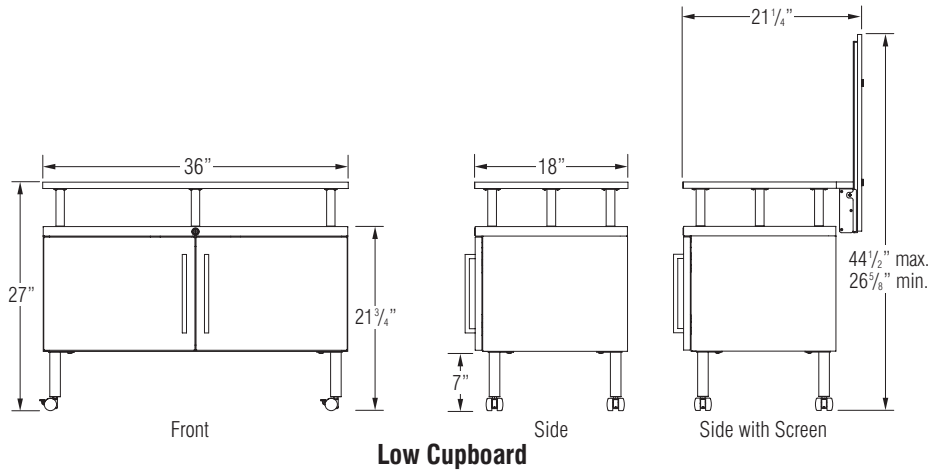


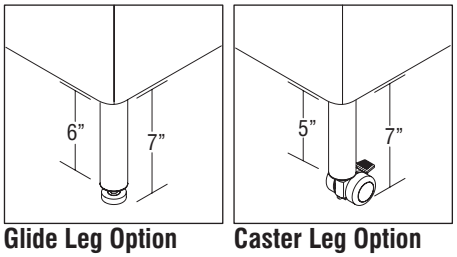
38mm W x 83mm L
Black or Silver
Strap Pull

STORAGE (cont.) **Dimensions**







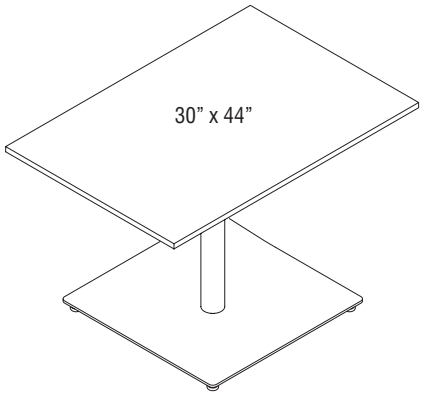


TABLE

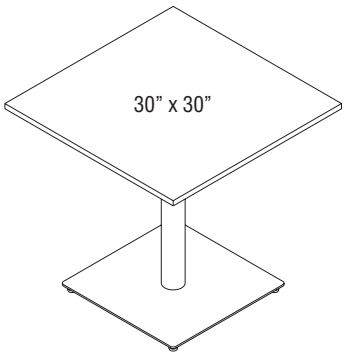
Product Overview & Guidelines

Tattoo Tables is a collection of tables designed to fit proportions of the Tattoo lounge collection.

- Booth style pedestal tables accentuate interactive and regenerative zones.
- Thin ¾" top coordinates with Tattoo storage pieces with integrated worktops.
- Single column design maximizes leg room and eases ingress and egress.
- Large square base provides maximum stability.
- Available in 29" and 18" heights.
- Available in 30" x 30" and 30" x 44" top sizes which pair well with Tattoo seating.

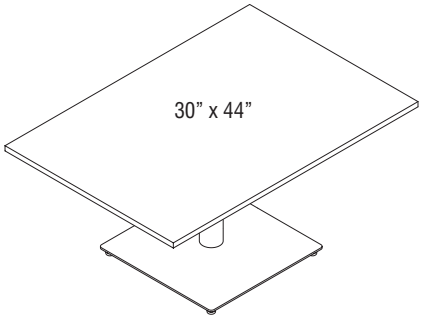


TADAA3044

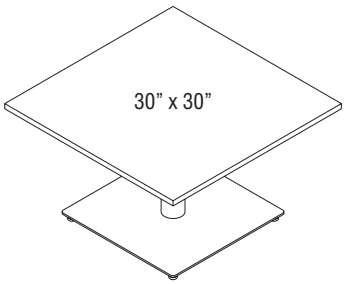


TADAC30

29" Height Tables



TADDA3044

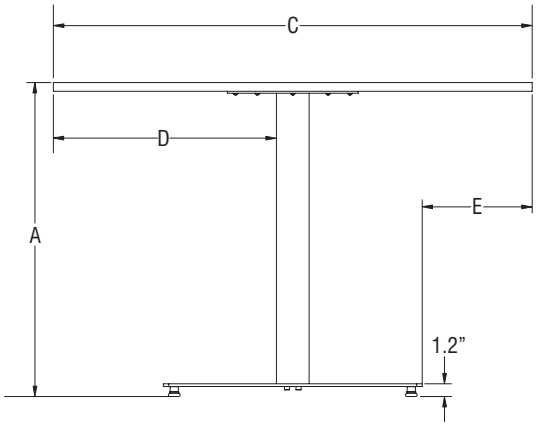


TADDC30

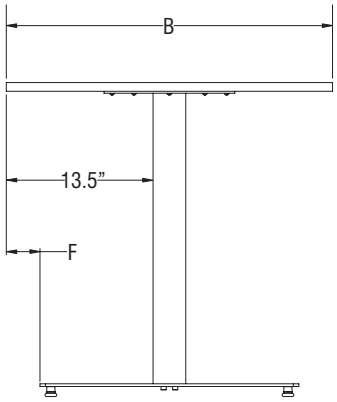
18" Height Tables

TABLE (cont.) **Dimensions**

Overall Dimension						
Table Model	A Height	B	C	D	E	F
TADAA3044	29"	29.93"	43.93"	20.5"	10"	3"
TADDA3044	18"	29.93"	43.93"	20.5"	10"	3"
TADAC30	29"	29.93"	29.93"	13.5"	5"	5"
TADDC30	18"	29.93"	29.93"	13.5"	5"	5"



Front



Side

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

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