

freedomRail® Installation Training



Updated July 2, 2025

Table of Contents

Features and Benefits.....	3
Warranty/Color Matches.....	4
Product Descriptions	5-18
Rails and Uprights.....	5
Brackets	6
Rod Clips, Clothes Rods	7
Shelving	8
OBoxes.....	9-11
OBox	9
Double Hang OBox	9
Big OBox.....	10
Double Hang Big OBox.....	10
OBox and Big OBox Accessories.....	11
Reveal.....	12-13
freedomRail Accessories	14-16
Over The Door	17-18
Hardware	19-20
Traditional Planning - versus - freedomRail Planning	21
Take-offs	22-25
Basic Rules for Designing with freedomRail	22-25
Hanging Rail	22
Hanging Uprights	22-23
Shelving Brackets	24
Shelves/Chrome Rods/Rod Clips	24
Tips for Using Pre-cut Lengths.....	25
Types of Closets and Closet Terms	26
Clothing Measurements and Spacing	27
Tools	28
Installation Instructions	29-31

Features & Benefits

freedomRail is a comprehensive, truly adjustable storage system that offers durable ventilated shelves, wood shelves and solid cabinetry to create beautiful, high efficiency storage solutions.

freedomRail has many unique components, including the OBox, short for Organizational Box, which is a unique off-the-floor storage concept that provides solid cabinet options within an easy-to-install closet. OBoxes are easily added to any freedomRail closet design and can be placed exactly where they are needed – they simply snap and lock into the freedomRail uprights.

Feature	Benefit
Easy to install	Quick project, doesn't require high skill level or fancy tools
Easy to adjust	Adjust during installation for no wasted space; easily changes after installation for a lifetime of storage freedom
Easy to Customize and Upgrade	Add accessories where needed. Or start with the basics and add options as budgets/needs change
Varied Styles and Prices Options	Style and price options to fit different tastes and budgets
Numerous OBox styles	OBoxes provide easy to assemble, off-the-floor storage for items that aren't on hangers or shelves, and can be located exactly where needed along the uprights
Secure, durable rail as heart of the system	Hold the heaviest loads without bending or sagging. Full assurance that this product will last a lifetime; support patented anchors hold tremendous weight

Item	Size	Spacing	Weight Load
freedomRail Ventilated Shelving	9"/12"/16"/20"	24"	100lbs per lineal foot
	9"/12"/16"/20"	30"	75lbs per lineal foot
	9"/12"/16"/20"	36"	50lbs per lineal foot
freedomRail Melamine Shelving	8"/12"/14"/21"	24"	100lbs per lineal foot
	8"/12"/14"/21"	30"	75lbs per lineal foot
	8"/12"/14"/21"	36"	50lbs per lineal foot
freedomRail OBoxes/ Big OBoxes/GoBoxes	16" x 24" x 14"	24"	40lbs per drawer/150lbs total
	20" x 30" x 16"	30"	50lbs per drawer/200lbs total

freedomRail® and Activity Organizers Ten Year Limited Warranty

Organized Living warrants to the original purchaser of properly installed Organized Living products, that its products will remain free of any defects in material and workmanship for a period of ten (10) years from the date of purchase. The word "defects", as used in this warranty, is defined as imperfections which impair the utility of the product. This warranty applies only to properly installed Organized Living products used for domestic and consumer purposes.

In the case of installation of Organized Living products used for industrial, commercial or business purposes, these same products are warrantied to be free of defects in materials and workmanship for a period of two (2) years from the date of purchase.

THIS WARRANTY EXCLUDES PRODUCT DAMAGE DUE TO IMPROPER INSTALLATION (INCLUDING USE OF UNAUTHORIZED PARTS) OR PRODUCT ABUSE OR MISUSE, WHETHER INFLECTED BY INSTALLING CONTRACTOR, SERVICE COMPANY, OR OTHERS. ORGANIZED LIVING WILL NOT BE RESPONSIBLE FOR LABOR, INSTALLA-

TION OR FREIGHT CHARGES AND/OR ANY DAMAGE INCURRED IN INSTALLATION, REPAIR OR REPLACEMENT, NOR FOR INCIDENTAL OR CONSEQUENTIAL DAMAGES. NO IMPLIED WARRANTY SHALL EXCEED IN LENGTH THE SPECIFIC WARRANTY GIVEN.

Some states, provinces and nations do not allow the exclusion or limitation of implied warranties, or of incidental or consequential damages so the above limitations or exclusions may not apply in every case. This warranty gives the owner specific legal rights, and the owner may also have other rights which may vary from state to state, province to province, and nation to nation.

WARRANTY INSTRUCTIONS

In the event of a warranty claim, send a written notice of any defect occurring within the warranty period to Organized Living, 3100 E. Kemper Rd., Cincinnati, Ohio 45241 or e-mail it to customerservice@organizedliving.com. The written notice must include:

- A. Name(s) and address(s) of the owner and installer.
- B. A detailed description of the defect.
- C. A photograph of the defect.
- D. Proof of purchase.

If Organized Living determines that the part is defective within the terms of the warranty, Organized Living will repair or furnish a replacement part at no cost.

Maintenance and Cleaning: Organized Living products may be cleaned with a dusting cloth or with a non-abrasive, mild household cleaner.

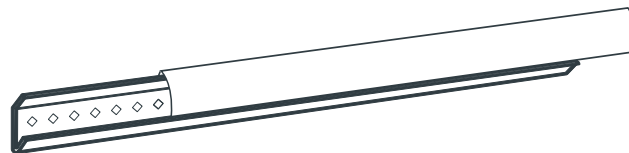
Revised 10/05/2017

Dealer Support: 1-513-277-3700
Dealersupport@OrganizedLiving.com

Rails and Uprights

Rail with Cover

- The Rail is the primary support component of the freedomRail system.
- Once the Rail is mounted to the wall, all other components simply hang from it.
- Constructed of heavy duty, 12 gage steel with a durable baked-on epoxy finish.
- Bevelled at the top to allow optional mounting into sill plate at ceiling height.
- Hold 500 lbs per 40" of Rail into drywall alone — recommended to install into studs to support greater loads.
- Installed Rail Cover allows for Uprights to be adjusted without removal.
- Rail Cover hides the screw heads — it replacing the stickers used with the past Rail.)
- Available in 24",30",36",42",60", and 78" lengths.
- Available in White and Nickel.
- 36" Rail Covers are also sold separately.

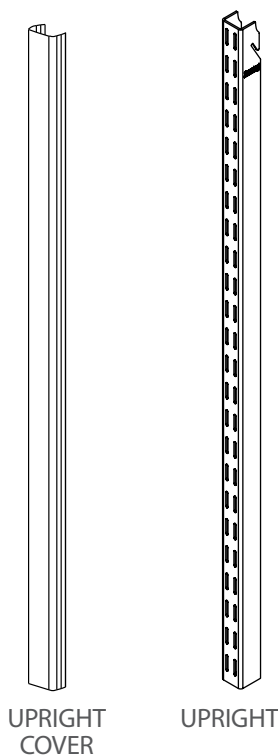


Upright

- Uprights are hung from the Hanging Rail.
- Double-slotted design accepts Brackets along 1" increments.
- Constructed of heavy duty, 12 gage steel with a durable baked-on epoxy finish.
- Uprights may be permanently attached to the wall at the bottom (optional) using 7935-9205-50 Upright Clip, or left unattached for greater adjustability.
- Available in 30", 48", 78" or 90" lengths.
- Available in White and Nickel.

Upright Cover

- Upright Covers are available as an option to conceal Uprights.
- Upright Covers come in 41" height and are cut to fit.
- Available in White and Nickel.

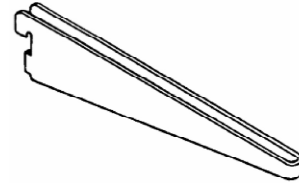
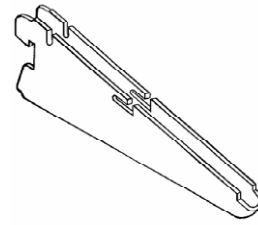


freedomRail

Brackets

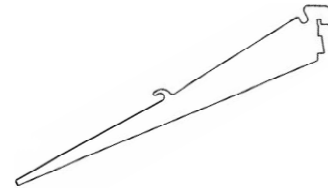
Shelving Bracket

- Shelving Brackets come in two types:
 - Ventilated Shelving Brackets (VSBs)
 - Solid Shelving Brackets (SSBs)
- Brackets lock securely into the Uprights.
- freedomRail Ventilated Shelves lock into VSB's allowing them to be moved while the shelf is still attached.
- Shelves may be securely fastened to SSBs with one of several available hardware items.
- Brackets are specially designed to receive Rod Clips that support Clothes Rods.
- Constructed of heavy duty steel in a double-body design.
- Available in White and Nickel.



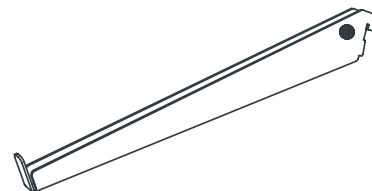
Ventilated Angled Bracket

- Used to create an Angled Shoe Shelf out of a freedomRail-Ventilated Shelf.
- Upside down freedomRail Ventilated Shelf locks into Bracket.
- Usable with any length 12" Deep Shelf.
- Used with Tiered freedomRail Ventilated Shelf to create Versatile Storage Shelf.
- Available in White or Nickel.



Angled Wood Shelf Bracket

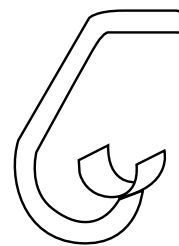
- Used to create an Angled Shoe Shelf out of a Melamine shelf.
- Shelf attaches with Shelf Locators or Shelf Screws.
- Uses a 24" or 30" - 14" deep Melamine shelf and Shoe Fence.
- Available in White or Nickel.



Clothes Rods and Accessories

Rod Clip

- Rod Clips are inserted into 12" and 16" VSBs and 12 1/2" SSBs in order to support clothes rods.
- Patented open-slide design allows easy passage of hangers.
- Rod Clips are simply inserted into the opening on the underside of the brackets and then snap into place.
- Available in Chrome or Nickel plated.



Clothes Rod

- Clothes Rods simply snap into Rod Clips to provide a continuous-slide Clothes Rod anywhere within the closet.
- Constructed of heavy gage 1" tubing.
- Available in Chrome or Nickel plated.



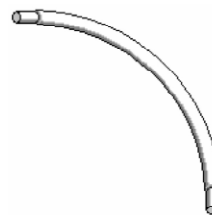
Rod Stops

- Rod Stops provide a convenient and secure "stop" for hangers gliding along the Clothes Rod.
- Snap easily into open ends of Clothes Rod, secured with a simple twist.
- Available in Chrome or Nickel plated.



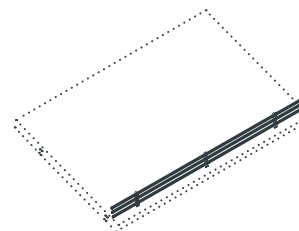
Corner Clothes Rod

- Clothes Rod for 90 degree corner applications.
- Round-plated, steel rod with tapered ends to fit into normal clothes rod.
- Requires 24" of room into a corner & at least 24" of clothes rod attached to it.
- Requires another upright in the corner to hold up the shelf that goes into the corner.
- Available in Chrome and Nickel plated.



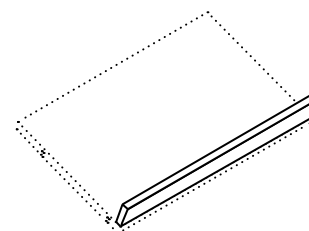
Metal Shoe Fence

- Low Profile Shoe Fence.
- Used with any 24" or 30" Shelf and Angled Shoe Bracket.
- Installs by drilling into Shelf with Shoe Fence Template (sold separately) or into Pre-drilled Low Profile Shoe Shelf.
- Available in Chrome and Nickel plated.



Wood Shoe Fence

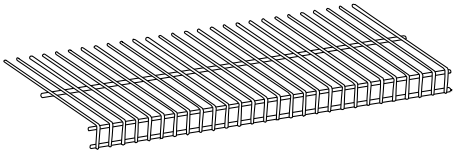
- Available in 18", 24", 30" and 36" lengths.
- Use with 18", 24", 30" and 36" Shelves and Angled Shoe Bracket. Pre-drilled Shelves are available in 24" and 30" lengths — other shelf lengths require drilling into the shelf to add Fence.
- 5/8" thick material.
- Installs by drilling into Shelf with Shoe Fence Template (sold separately) or into Pre-Drilled Low Profile Shoe Shelf. Use wood screws to install on to shelf.
- Available in White, Century Gray, Chocolate Pear, Slate, Snowdrift Live, and Driftwood Live.



Shelving

freedomRail Ventilated Shelving

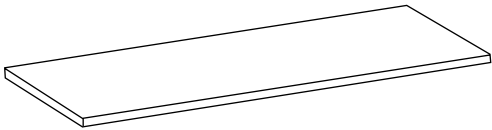
- freedomRail Ventilated Shelves are constructed of heavy gage steel with a durable, baked-on epoxy finish.
- The low “profile” front lip allows more storage space between shelves.
- Each shelf has double bars both front and rear for added strength.
- freedomRail Ventilated shelves snap securely into VSBs and are used either as storage shelves or as hanging shelves with the addition of Rod Clips and Clothes Rod in 12" and 16" depths.
- Available in White and Nickel plated.



Depth	Length
9"	96"
12"	24", 30", 36", 48", 72" and 96"
16"	24", 30", 36", 48", 72" and 96"
20"	96"

Wood Shelving

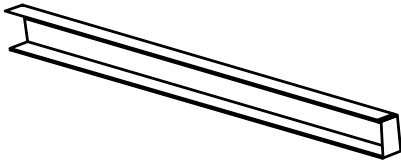
- 5/8" Wood Shelving is constructed of melamine laminated particle board with 1.4 mm radius edgeband on three sides.
- Wood Shelves are supported by SSBs and are used either as storage shelves or as hanging shelves with the addition of Rod Clips and Clothes Rod in 14" depth.
- Shelves attach to brackets with available hardware items.
- Available in White, Century Gray, Chocolate Pear, Slate, Snowdrift Live, and Driftwood Live.



Depth	Length
8"	24", 48" and 96"
12"	24", 36", 48" and 96"
14"	24", 30", 36", 42", 48", 54", 60", 66", 72" and 96"

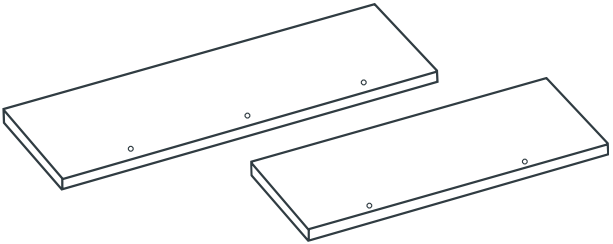
Field-Cut Cover

- Available in 14" deep.
- Attaches to the field-cut side of a Movable Shelf.
- Available in White.



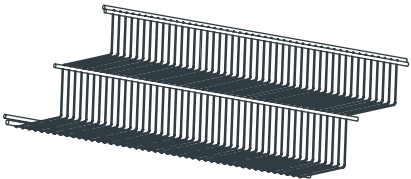
Pre-Drilled Wood Shoe Shelf

- Available in 24" or 30" lengths and 14" deep.
- Use with 24" or 30" Wood or Metal Shoe Fence.
- Fence should be installed on to shelf, then shelf is installed on to Angled Shoe Bracket.
- Available in White, Century Gray, Chocolate Pear, Slate, Snowdrift Live, and Driftwood Live.



Tiered freedomRail Ventilated Shelf

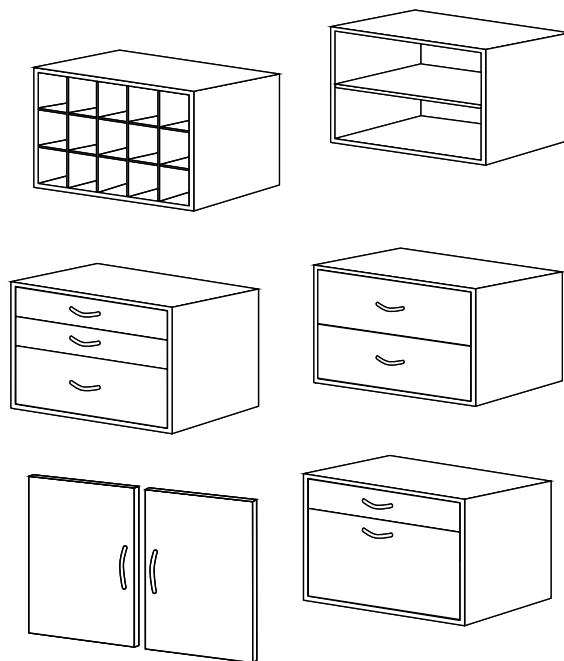
- Used on either Ventilated Angled Bracket or Ventilated Shelf Bracket.
- Comes in 24" and 30" lengths.
- Available in White or Nickel.



OBox® and Double Hang OBox

OBox

- OBox – short for "Organization Box"—is a modular cabinet that is 24" W x 16 $\frac{1}{4}$ " H x 14" D for OBoxes.
- Recessed brackets allow OBoxes to be mounted directly to Hanging Uprights.
- OBoxes may be positioned side-by-side horizontally or stacked vertically within any closet, pantry, linen or laundry configuration.
- Each OBox is packaged separately with all hardware needed for assembly and installation.
- OBoxes are constructed of $\frac{5}{8}$ " furniture grade melamine.
- Available in White, Century Gray, Chocolate Pear, Slate, Snowdrift Live, and Driftwood Live.

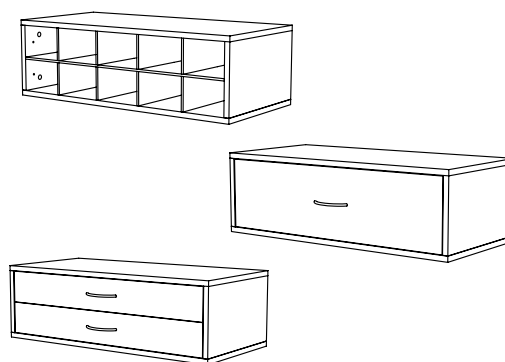


Components

- 1 Shelf OBox
- Shoe Cubby OBox
- 2 Drawer OBox (two 6" drawers)
- 3 Drawer OBox (6" drawer and two 3" drawers)
- File Drawer OBox (3" and 9" drawers with built-in lock)
- Doors for OBox (For OBox Shelf Unit)
- Doors include soft close hinges.

Double Hang OBox

- Double Hang OBox – short for "Double Hang Organization Box"— is a modular cabinet that is 24" W x 9 $\frac{1}{2}$ " H x 14" D
- Recessed brackets allow OBoxes to be mounted directly to Hanging Uprights.
- Double Hang OBoxes are placed in between Double Hang sections to give homeowners access to storage in a previously unused portion of the closet.
- Each OBox is packaged separately with all hardware needed for assembly and installation.
- OBoxes are constructed of $\frac{5}{8}$ " furniture grade melamine
- Available in White, Century Gray, Chocolate Pear, Slate, Snowdrift Live, and Driftwood Live.



Components

- Double Hang Cubby OBox
- 1 Drawer Double Hang OBox
- 2 Drawer Double Hang OBox

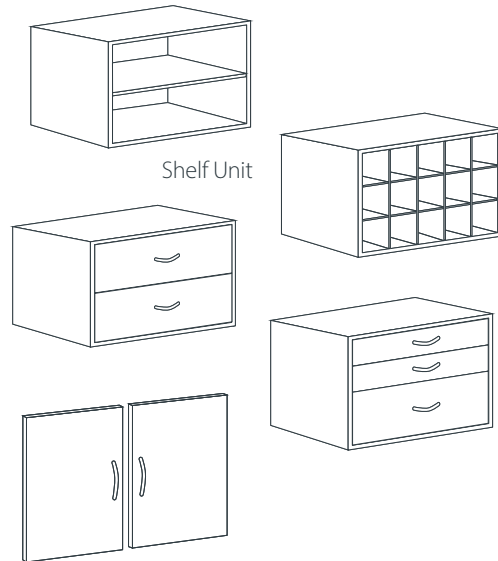
Big OBox and Double Hang Big OBox

Big OBox

- Big OBox – short for “Big Organization Box”— is a modular cabinet that is 30” W x 20” H x 16” D.
- Recessed brackets allow Big OBoxes to be mounted directly to Hanging Uprights.
- Big OBoxes may be positioned side-by-side horizontally or stacked vertically within any closet, pantry, linen or laundry configuration.
- Each Big OBox is packaged separately with all hardware needed for assembly and installation.
- Big Oboxes are constructed of $\frac{5}{8}$ ” furniture grade melamine.
- Available in White, Century Gray, Chocolate Pear, Slate, Snowdrift Live, and Driftwood Live.

Components

- 1 Shelf Big OBox (Doors sold separately.)
- Big Shoe Cubby OBox
- 2 Drawer Big OBox (two $6\frac{1}{2}$ ” drawers)
- 3 Drawer Big OBox (two $4\frac{3}{4}$ ” and a $6\frac{1}{2}$ ” drawers with built-in lock.)
- Big OBox Doors (For Big OBox Shelf Unit and Big OBox Cubby) Doors include soft close hinges.

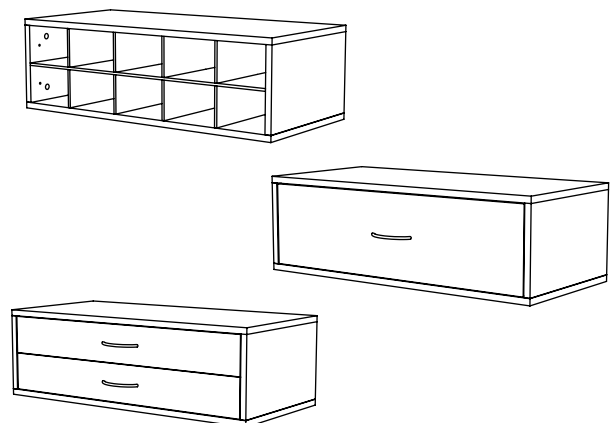


Double Hang Big OBox

- Double Hang Big OBox—short for “Double Hang Big Organization Box”— is a modular cabinet that is 30” W x 9 $\frac{1}{2}$ ” H x 14” D
- Recessed brackets allow Big OBoxes to be mounted directly to Hanging Uprights.
- Double Hang OBoxes are placed in between Double Hang sections to give homeowners access to storage in a previously unused portion of the closet.
- Each Big OBox is packaged separately with all hardware needed for assembly and installation.
- Big OBoxes are constructed of $\frac{5}{8}$ ” furniture grade melamine.
- Available in White, Century Gray, Chocolate Pear, Slate, Snowdrift Live, and Driftwood Live.

Components

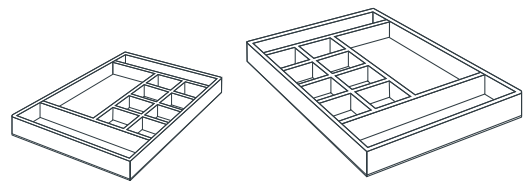
- Double Hang Cubby Big OBox
- 1 Drawer Double Hang Big OBox
- 2 Drawer Double Hang Big OBox



OBox and Big OBox Accessories

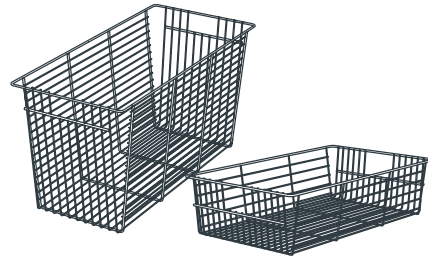
Jewelry Insert, Black for OBox and Big OBox

- Used in the top drawers of a three Drawer OBox, three Drawer Big OBox and two Drawer Double Hang OBox.
- Black Jewelry Insert fits snugly in drawer.



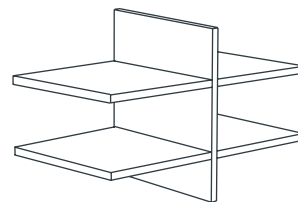
Chrome Baskets for OBox and Big OBox

- Fits in OBox and Big OBox Shelf Unit.
- Comes with all hardware.
- Available in 6", 13" and 16" sizes.



OBox Paper Sorter

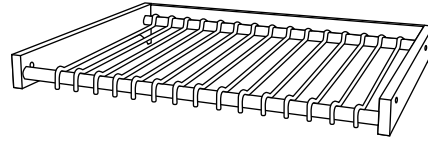
- Fits in OBox Shelf Unit.
- Comes with all hardware.
- Available in White, Century Gray, Chocolate Pear, Slate, Snowdrift Live, and Driftwood Live.



Reveal

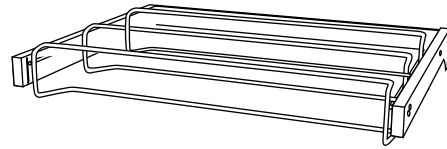
Pant Rack

- 23" W X 17³/₄" D X 2" H.
- Holds up to 15 pairs of pants on re-moveable chrome hanger.
- Built in brackets that mount directly to Hanging Uprights.
- Uses full extension Ball Bearing glides.
- Can be mounted side by side and can share and uprights or stacked vertically.
- Packaged separately with all hardware needed for assembly.
- Holds 50lbs.
- Constructed of heavy duty steel and are available in white and nickel finishes.



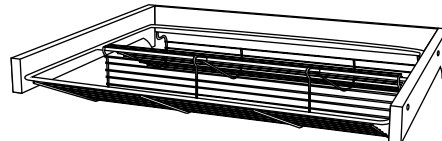
Women's Shoe Rack

- 23" W X 17³/₄" D X 4" H.
- Holds up nine pairs of shoes.
- Built in brackets that mount directly to Hanging Uprights.
- Uses full extension Ball Bearing glides.
- Can be mounted side by side and can share and uprights or stacked vertically.
- Packaged separately with all hardware needed for assembly.
- Holds 50lbs.
- Constructed of heavy duty steel and are available in white and nickel finishes.



Shoe Shelf

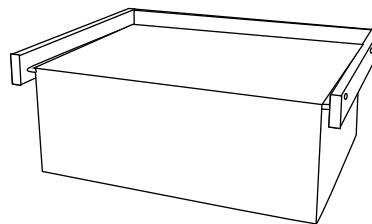
- 23" W X 17³/₄" D X 4" H
- Holds up to six pairs of shoes.
- Built in brackets that mount directly to Hanging Uprights.
- Uses full extension Ball Bearing glides.
- Can be mounted side by side and can share and uprights or stacked vertically.
- Packaged separately with all hardware needed for assembly.
- Holds 50lbs.
- Constructed of heavy duty steel and are available in white and nickel finishes.



Reveal – continued

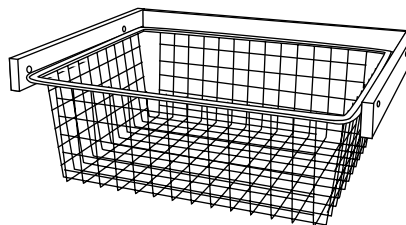
Canvas Basket

- 23" W X 17³/₄" D X 10" H.
- Non removable; spot clean.
- Built in brackets that mount directly to Hanging Uprights.
- Uses full extension Ball Bearing glides.
- Can be mounted side by side and can share and uprights or stacked vertically.
- Packaged separately with all hardware needed for assembly.
- Holds 50lbs.
- Constructed of heavy duty steel and are available in white and nickel finishes.



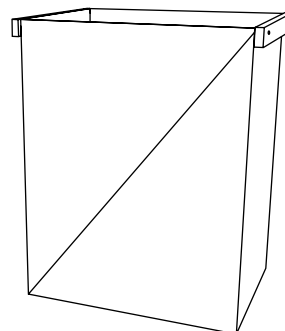
Wire Basket

- 23" W X 17³/₄" D X 8¹/₂" H.
- Removable.
- Built in brackets that mount directly to Hanging Uprights.
- Uses full extension Ball Bearing glides.
- Can be mounted side by side and can share and uprights or stacked vertically.
- Packaged separately with all hardware needed for assembly.
- Holds 50lbs.
- Constructed of heavy duty steel and are available in white and nickel finishes.



Hamper

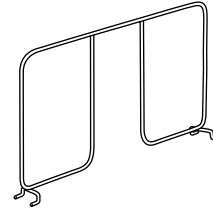
- 23" W X 17³/₄" D X 24¹/₂" H.
- Removable; spot clean.
- Built in brackets that mount directly to Hanging Uprights.
- Uses full extension Ball Bearing glides.
- Can be mounted side by side and can share and uprights or stacked vertically.
- Packaged separately with all hardware needed for assembly.
- Holds 50lbs.
- Constructed of heavy duty steel and are available in white and nickel finishes.



freedomRail Accessories

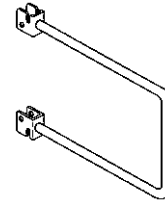
Wire Shelf Divider

- Used with 12" and 16" Profile Shelves.
- Clips on Profile Shelves.
- Available in White and Nickel.



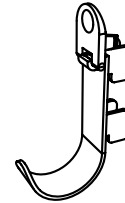
Book Ends

- Attaches to Uprights by clipping into place.
- Sold in pairs.
- Available in White.



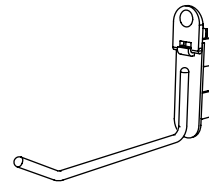
Single Hook with Lock

- Attaches securely to Upright or Spanner.
- Locks in place with patented locking mechanism.
- Multi-purpose Hook.
- Comes in pack of four.
- Available in White and Nickel.



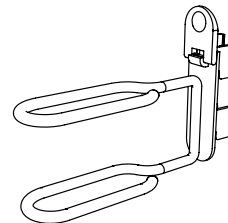
Utility Hook

- Easily attaches to both the Spanner and Uprights.
- Locks in place with patented locking mechanism.
- Versatile hook with unlimited storage uses.
- Comes in packs of four.
- Available in White and Nickel.



Tool Loop Hook

- Easily attaches to both the Spanner and Uprights.
- Locks in place with patented locking mechanism.
- Loop design holds tools in place.
- Comes in packs of four.
- Available in White and Nickel.



Work Baskets

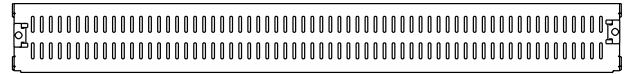
- Work Baskets are attached to uprights that are placed 30" apart.
- Baskets available in two sizes:
 - 30" W X 7 1/2" D X 6 1/2" H
 - 30" W X 17 1/2" D X 6 1/2" H
- Available in White.



freedomRail Accessories – continued

Spanner

- Available for either 24" or 30" increments.
- Allows accessories to be placed anywhere between uprights.
- Plastic Clips lock the spanner into place.
- Accepts "Akro" bins by attaching to the lip on top of the Spanner.
- Available in White and Nickel.



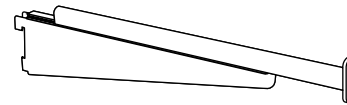
Ventilated Shelf Hook

- Attaches securely to Profile Shelf.
- Multi-purpose Hook.
- Comes in pack of four.
- Available in White and Nickel.



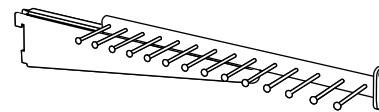
Valet Rod

- Mounted on a Solid Shelf Bracket.
- Used to display clothes already picked out for later time.
- Available in White and Nickel.



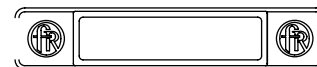
Tie Rack

- Mounted on a Solid Shelf Bracket.
- Pegs on one side only for use close to walls.
- Available in White and Nickel.



Label Holder

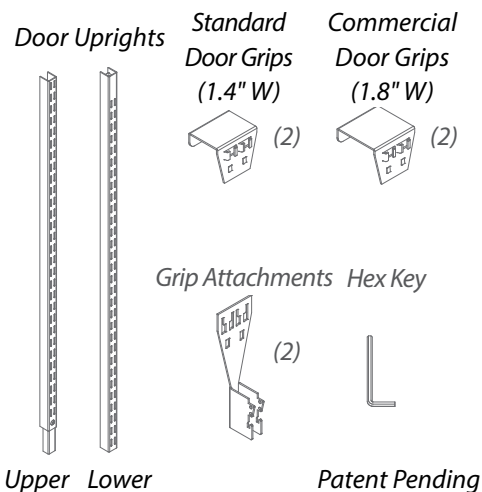
- Attaches with adhesive to the front of shelves.
- Has removable paper inserts.
- Comes in packs of six.
- Available in Nickel and White.



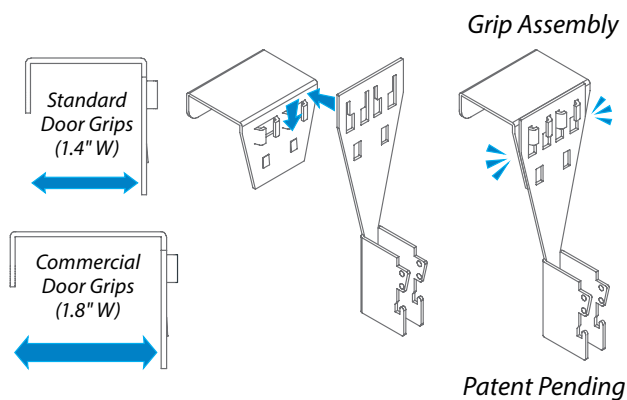
Over The Door

Over The Door Top/Bottom Capture

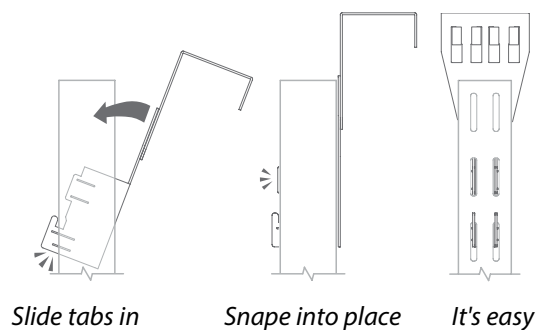
- Used to hold an adjustable upright onto a door by capturing the top and bottom of a door.
- Can be adjusted to fit most standard height doors.
- Holds accessories that attach to an adjustable upright.
- Available in White and Nickel.



Over the Door Capture

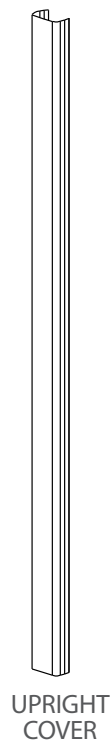


Easily Attaches to Upright



Upright Covers

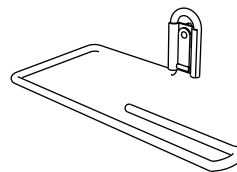
- Upright Covers are available as an option to conceal Uprights.
- Upright Covers come in 41" height and are cut to fit.
- Available in White and Nickel.



Over The Door – continued

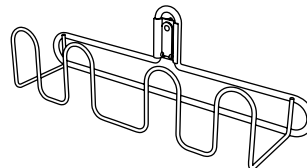
Paper Towel Holder

- Can be attached to the Spanner or a single Upright to allow versatility.
- Holds one roll of paper towels.
- Patented locking system ensures secure fit.
- Available in White.



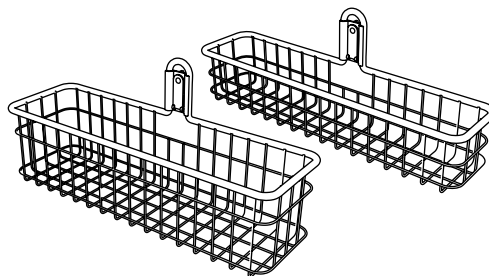
Shoe Rack

- Can be attached to the Spanner or a single Upright to allow versatility.
- Securely holds two pairs of shoes.
- Patented locking system ensures secure fit.
- Available in Nickel.



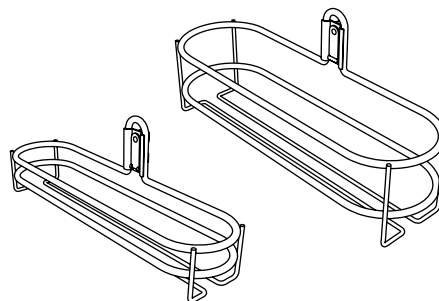
Basket

- Can be attached to the Spanner or a single Upright to allow versatility.
- Tight Mesh bottom keeps items from falling through the basket.
- 18" X 6" and 18" X 4" size.
- Patented locking system ensures secure fit.
- Available in White and Nickel.



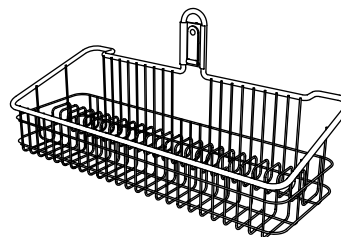
Can Holder

- Can be attached to the Spanner or a single Upright to allow versatility.
- Holds two different size cans and items in place.
- Patented locking system ensures secure fit.
- Available in White and Nickel.



DVD/CD Holder

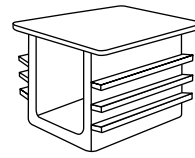
- Can be attached to the Spanner or a single Upright to allow versatility.
- Holds up to 26 CD's or DVD's.
- Patented locking system ensures secure fit.
- Available in White and Nickel.



Hardware

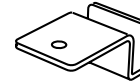
Shelf Loc

- Strong adhesive bond attaches shelf to keep shelf from pulling off.
- Patented design keeps Shelf Loc from pulling out of the bracket.
- Sold in retail or bulk.



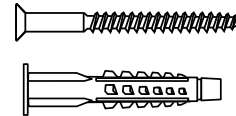
Heavy-Duty Shelf Locators

- Metal plate that screws to shelf and attaches to bracket with machine screw.
- Sold in retail packs only.



Strong-Loc Anchors and Screws

- Patented Anchors secure the Rail to the wall.
- Each of these heavy duty Anchors spirals into a tight, ½" plastic ball behind the drywall surface.
- Cover Caps included in package.
- Can be purchased in retail pack or bulk.



freedomRail Ventilated Shelf End Caps

- Finishes off the ends of any cut freedomRail Ventilated shelf.
- Sold in retail pack or bulk.



freedomRail Black Stud Screw

- Black #10 Screw for mounting Rail.
- Made of hardened steel with a sharp, piercing point to penetrate both wood and metal studs.
- Sold in retail pack or bulk.



Stud Screw

Hardware – continued

Floor-to-Ceiling Uprights

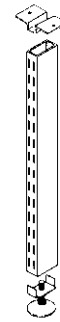
- Used in Peninsula applications.
- Attaches to stud in ceiling.
- Double-sided Uprights allow for storage on both sides.
- Available in White.

Wall Mount Uprights

- Used to create a stack of shelves.
- Not recommended for closets where the Hanging Rail would be much easier to install and level.
- Wall Mount Uprights are mounted into studs.
- Spacing: Every 32" for normal loads and every 16" for heavier loads, including pantry.
- Available in 16³/₄", 28", 39¹/₄", 48", 63", 78" and 94¹/₄" lengths.
- Available in White only.

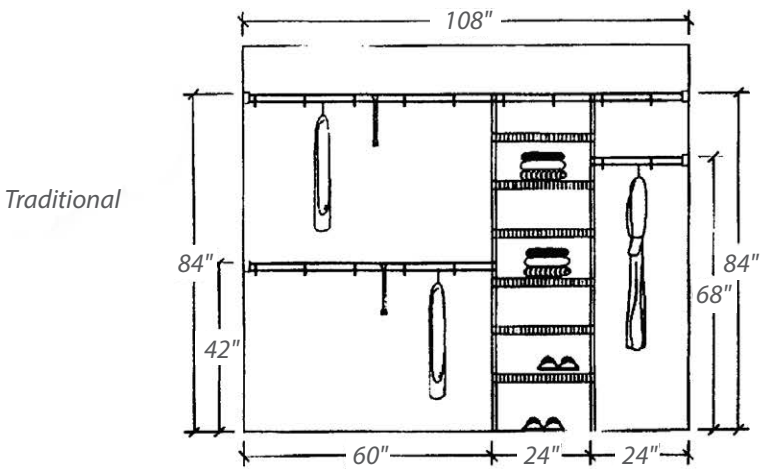
Upright Covers

- Upright Covers are available as an option to conceal Uprights.
- Upright Covers come in 41" height and are cut to fit.
- Available in White.

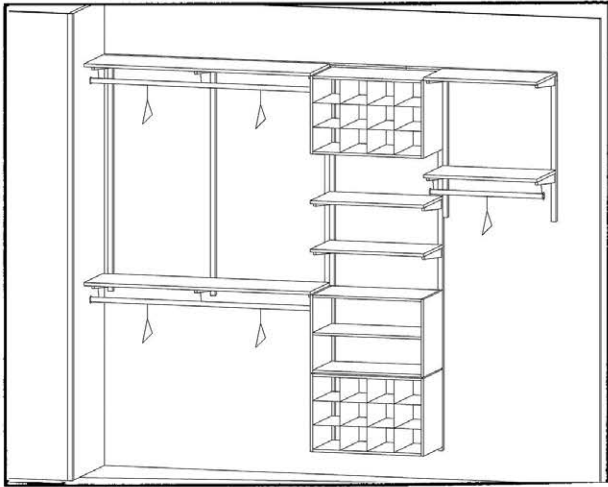
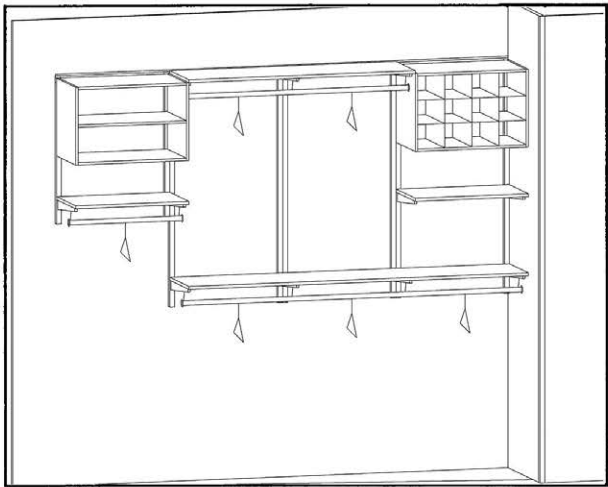
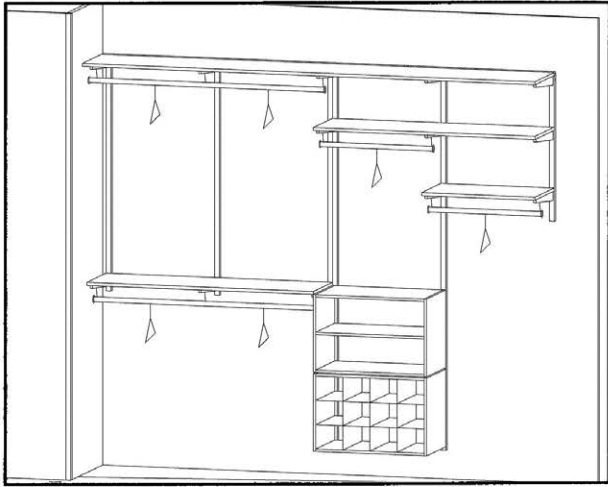
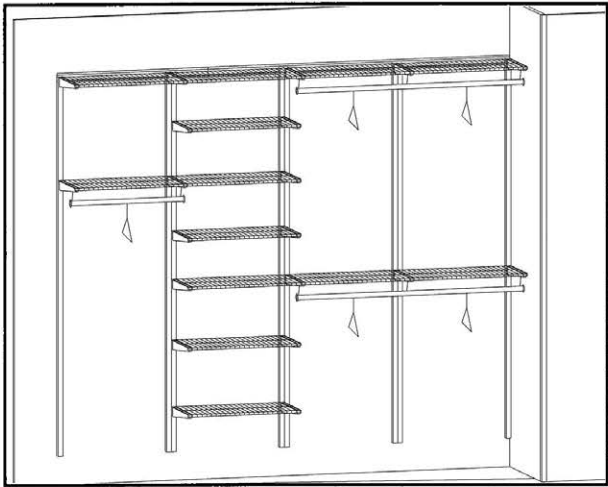


UPRIGHT
COVER

Traditional Planning - versus - freedomRail Planning



freedomRail



freedomRail

Take-offs

All take-offs need to be precisely measured. Be sure that all correct measurements are communicated to the person designing the closet, along with any obstructions present.

Basic Rules for Designing with freedomRail

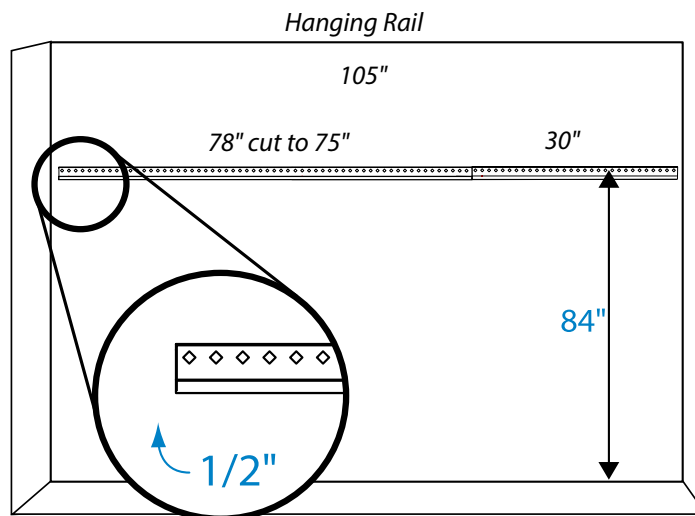
Hanging Rail

1. Mounting Heights

- Hanging Rails should be mounted at 84" and run wall-to-wall for the greatest storage capacity, adjustability and future expansion possibilities.
- For "extra tall" (over 6'2") wardrobes, you may mount the rail at 86". Use of 78" Uprights is recommended in this application.
- With 8' ceilings, the Hanging Rail may be pushed to the ceiling to simplify installation and maximize use of vertical space. Use of long Uprights (78" or 90") is recommended in this application.

2. Width of Rails

- To achieve wall-to-wall installation, combine different size Hanging Rails or cut Hanging Rails to fit.
- When cutting, subtract 1/2" from wall-to-wall measurement to allow for wall variation.



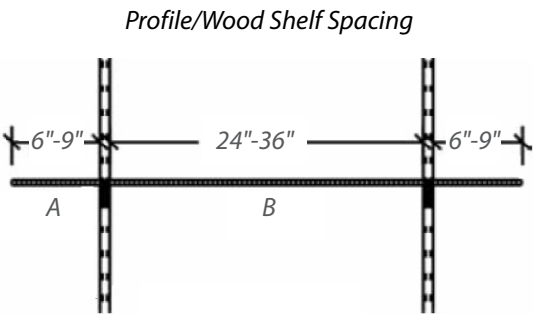
Hanging Uprights

1. Size of Uprights

- 78" Uprights provide the greatest storage capacity, adjustability and future expansion possibilities. Other size Uprights are available for specific use areas.
 - 30" Uprights – allow for short stacks of shelves or long hanging garments.
 - 48" Uprights – allow for double-hang.
 - 78" Uprights – ideal for total adjustability – short hang, long hang, shelves and OBoxes. 78" Uprights also provide more options for "extra tall" or "petite" wardrobes.
 - 90" Uprights – used in high ceiling applications for maximum flexibility.

2. Spacing of Uprights

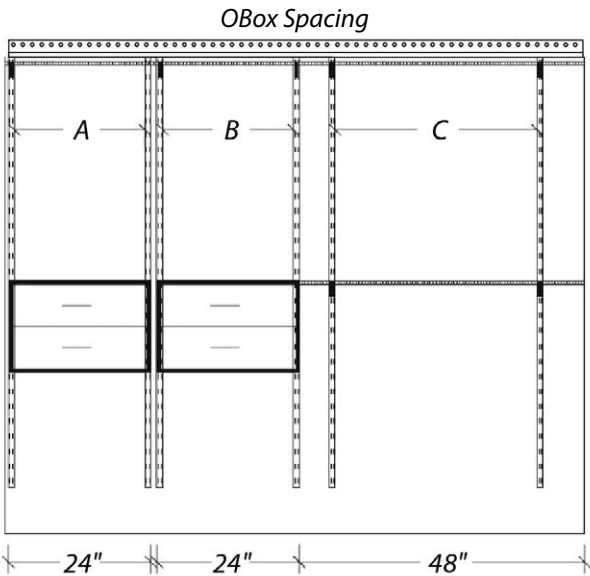
- Shelves may overhang the uprights by 15% or up to 9" (See "A" below).
- 36" maximum spacing for standard closet or linen applications – supports 50 lbs per linear foot (See "B" below).
- 30" maximum spacing for standard pantry or garage applications – supports 75 lbs per linear foot.
- 24" spacing for extra heavy-duty applications – supports 100 lbs per linear foot.



Item	Size	Spacing	Weight Load
freedomRail Ventilated Shelving	9"/12"/16"/20"	24"	100lbs per lineal foot
	9"/12"/16"/20"	30"	75lbs per lineal foot
	9"/12"/16"/20"	36"	50lbs per lineal foot
freedomRail Melamine Shelving	8"/12"/14"/21"	24"	100lbs per lineal foot
	8"/12"/14"/21"	30"	75lbs per lineal foot
	8"/12"/14"/21"	36"	50lbs per lineal foot
freedomRail OBoxes/ Big OBoxes/GoBoxes	16" x 24" x 14"	24"	40lbs per drawer/150lbs total
	20" x 30" x 16"	30"	50lbs per drawer/200lbs total

3. Spacing of Uprights for OBoxes

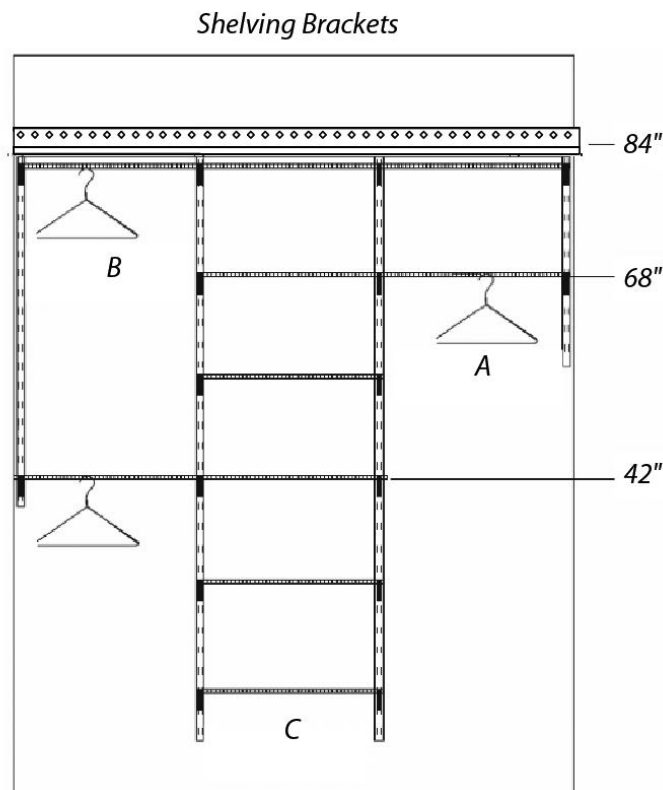
- 24" spacing (measured outside to outside) is required for OBoxes (See "A" below).
- 30" spacing is required for Big OBoxes.
- When OBoxes are placed side-by-side, each OBox requires its own set of Uprights (See "B" below).
- When Profile Shelving is directly next to an OBox, each requires its own set of Uprights (See "C" below).



Shelving Brackets

Before placing Shelving Brackets onto the Uprights, consider your storage needs as you plan your closet layout. What percentage of your wardrobe consists of long-hang? Short-hang? How much of the closet do you wish to devote to folded items, shoes, belts, ties, boxes or luggage? Once you have calculated these percentages, attach Brackets using the following heights as a general guideline, then simply add Rod Clips and Clothes Rods where applicable.

- 68" for long-hang (See "A" below).
- 84" and 42" for adult short-hang (See "B" below).
- 84", 68", 55", 42", 29", and 16" for shelf stack in closet, pantry or linen (See "C" below).
- 84", 55" and 29" for child's triple-hang.



Shelves/Chrome Rods/Rod Clips

Depth:

Shelving is offered in different depths to satisfy different requirements. 12" and 14" deep shelving has wide applications, including many clothes closets. For large spaces, such as walk-in closets and pantries, 16" deep shelving offers greater storage capabilities.

Length:

Allow 1" clearance so that shelving and chrome rods fit comfortably within your wall-to-wall measurement. For example, in a 73"-wide closet, center a 72" shelf and leave 1/2" gap on each side.

- Shelving is available in pre-cut sizes of 24", 30", 36", 48", 60", 7" and 96". In order to minimize cutting, design your closet using these sizes. For closets that are not in exact increments of 12", pre-cut shelves may be trimmed to fit (see "Cutting" for further information).

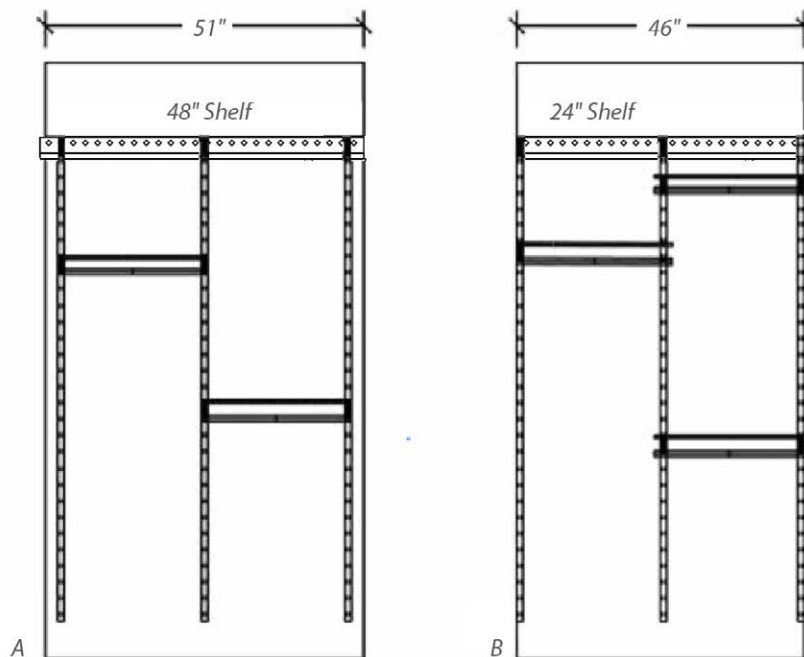
Tips for Using Pre-cut Lengths

Acceptable gaps:

Allow up to 1½" of gap between the shelf and each return wall so a 51" closet could use one 48" shelf or two 24" shelves (See "A" below).

Overlaps:

Allow shelves to overlap by as much as 2". For example, a 46" closet could be designed using two 24" shelves that overlap 2" rather than having to cut down a 48" long shelf (See "B" below).



Types of Closets and Closet Terms

Reach-in

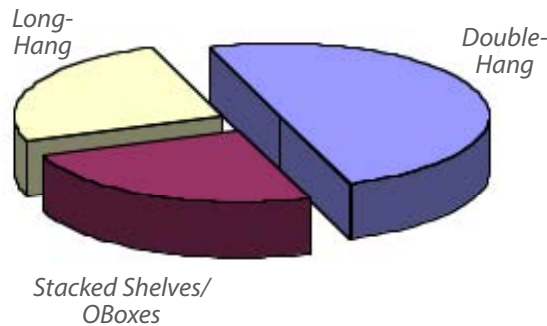
A reach-in closet is generally designed to accommodate one row of shelving and is often 24" deep. It typically has sliding or bi-fold doors. When measuring for a reach-in closet, you need to know the width, depth, height of header and width of return walls. These measurements help determine the depth and width of shelving you use. Typically, 12" deep shelving is used in reach-in closets where the shelving must fit behind the "header".

A 50/25/25 rule is a good start.

50% for Double-hang

25% for Long-hang

25% for stacked Shelves/OBoxes



Using this rule for a typical 8' reach-in closet, you would allow 4' for double hang, 2' for long hang, and 2' for stacked shelves or OBoxes.

However, with freedomRail, it is very easy to move beyond the 50/25/25 rule. For example, in a man's closet, there may be little need for long hang spaces, so revise your plan to accommodate a higher percentage of short hang garments.

Walk-in

A walk-in closet has enough depth to allow the user to walk inside. A variety of door styles may be used. While you may start with the 50/25/25 rule, the extra space in most walk-in closets gives you more freedom to accommodate different wardrobe requirements – custom designs are easy with the adjustability of freedomRail.

Pre-Teen Reach-in

A pre-teen's closet is similar to a normal reach-in, except that the hanging sections can be shorter which allows more room for shelving. If you position the shelving at 32" and 64", then you can put a storage shelf at 84" from the floor, providing double-hang and added storage.

Child's Reach-in

In a child's reach-in closet, you may choose to create a triple hang space because of the small size of the clothing. Mount shelves at 29", 55" and 84" from the floor. As the child grows, the adjustability of freedomRail allows the consumer to easily adjust components. A pre-teen may use shelving at 32", 64" and a storage shelf at 84" from the floor providing two short hanging areas and added storage above. Children's closets should include a large percentage of shelving space for folded clothes, games, toys and books.

Bypass Doors

There are several different types of doors: Folding doors, Sliding/Bypass Doors, Swinging Doors and Pocket Doors. For Sliding/Bypass Doors, leave the center of the closet somewhat difficult to access. Do not put a tower in the center. Instead, consider long hang in the center. Also consider the location of Pocket Doors and do not install on that location.

Types of Closets and Closet Terms –continued

Return Walls

Reach-in closets often have return walls on either side of the door. These walls may interfere with access to OBoxes or Stor-Drawer units.

Headers, or Above Doors

A closet with a tall inside and a normal size door poses other problems. Once you reach a point in the height of the shelving that it is at or above the doors, a normal depth shelf may not be the best choice. If the closet is 22" deep, once you are above the door height (80"), a 16" deep shelf will only leave 6" of space to access the shelf. Use 8", 9" or 12" deep shelving instead.

Other Obstacles

Any obstruction on a wall that may interfere with the design needs to be identified as well as the location of the obstruction on the wall which includes the following information: the distance between the sides of the walls and the obstruction, the distance between the ceiling and floor of the obstruction and the measurements of the obstruction itself. Obstructions include, but not limited to, the following: windows, light switches, central vac hookups, electrical outlets, heating/cooling vents, access panels, access doors, pocket doors and recessed vanity mirrors that are on the other side of the wall to name a few.

Clothing Measurements and Spacing

The best-designed storage space considers the customer's available space and an inventory of the items to be stored. Ask the homeowner to organize his or her items into three groups; long hanging, short hanging, and items to be placed on shelves or in drawers. This inventory will assist in determining how much space should be allocated to each type of storage. Below you will find a chart of general space guidelines.

- The width and length measurements found in the chart are approximates and should be adjusted to fit the size of the individual.
- Plan ahead for future additions by adding 10-15% to the storage space required.

Men's Clothing	Thickness	Length	Women's Clothing	Thickness	Length
Jacket	2"	15"	Jacket	2"	36"
Long coat	2.5"	60"	Long coat	2.25"	60"
Bathrobe	1.5"	54"	Short coat	2"	42"
Suit	2-4"	42"	Bathrobe	1.5"	51"
Slacks over hanger	1.5"	39"	Suit	2-1"	36"
Slacks hung over cuff	1"	54"	Slacks over hanger	1.5"	36"
Shirt	1.25"	39"	Slacks hung over cuff	1.5"	51"
Shoes (pair)	9"	12-16"	Skirt	1.75"	36"
Ties	6"	30"	Dress	2"	60"
Folded Clothes	14"	12"	Blouse	1.25"	36"
			Folded clothes	12"	10-12"
			Shoes	7"	12"

Tools

Required Tools:

- 9.6 v or greater cordless drill with an extra charged battery
- Plastic hardware case with divided sections for bulk hardware
- #2 Phillips Screwdriver
- 24" levels
- 1/8" drill bit for studs
- 5/16" Bit for anchors
- Bolt cutters
- Tape Measure
- Stud finder
- Pencil
- Pliers
- Tool belt
- Portable circular saw
- Razor knife
- Mallet
- Tubing cutter
- Awl
- Hack saw

Highly Recommended:

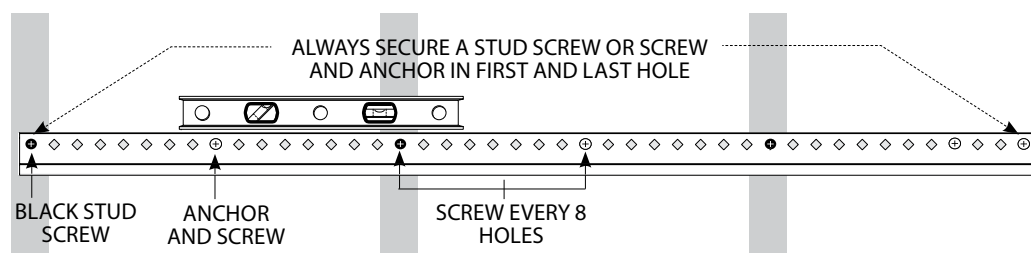
- Heavy Duty Pneumatic cutting head
- Cutting table
- Replacement jaws
- Balancer
- Portable band saw
- Air compressor
 - Professional compressor. 25 gallon, 3 1/2" HP, vertical, 2-stage, oil free pump, 175 psi max or similar compressor

Installation Instructions

Installing the Rail

1. To install Rail, first measure up 84" from the floor and mark a horizontal line.
2. Use a stud finder to lightly mark the beginning and end of the first 2 to 3 studs closest to the corner. *Note: Make sure the marks will be visible when the Rail is on the wall.*
3. Hold Rail at the correct height and with the end in the corner, use a #2 Driver and drive a black Stud Screw through the Rail into the first stud. Use the hole that is closest to the center of your stud marks. *Note: Always start your Screw at the center of the diamond shaped hole.*
4. Next, while leveling the Rail, drive a black Stud Screw through Rail into the second stud.
5. The Rail should now be stable and level. *Note: If you have a longer Rail that covers more than two studs, use stud finder to find the remaining studs and drive a black Stud Screw into each stud.*
6. In the first and last hole in the Rail (if neither lined up with a stud), use a $\frac{5}{16}$ " drill bit to drill a hole for the Anchor. If 8 or more inches of the Rail extend past the first or last stud, drill for an Anchor halfway between the end of the Rail and the stud. Insert an Anchor into each hole and use a #2 Philips Driver to drive a zinc Anchor Screw into each Anchor. Fully engage the Anchor by drilling a couple of seconds past when the Screw hits the Rail.

See diagram below for proper Stud Screw and Anchor and Anchor Screw placement.



Note: If your freedomRail design includes 2 Rails, repeat these steps while holding the second Rail flush with the first Rail and level.

Special Considerations:

For metal studs 16" apart — add an anchor between every stud.

For wood or metal are 24" apart — add two anchors evenly spaced between every stud.

Cutting the Rail

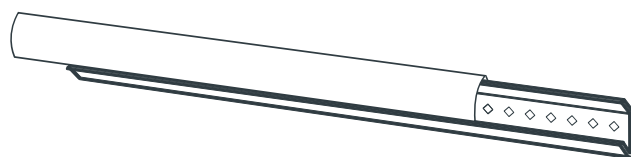
If a Rail needs to be cut — measure then cut Rail. We recommend using a battery-powered band saw, sawzall, or hacksaw.

Adding a Second Rail

When adding a second Rail, mark the first two studs. While holding the Rail flush and level with the first Rail, drive a black Stud Screw into the center of the diamond hole at the first and second stud. Continue with the same process as above to complete the installation.

Rail Cover

1. Place Cover on Rail, aligning Cover slot with Rail edge.
2. Place both hands on Cover with thumb on the bottom of the Rail. Firmly press downwards start at one end sliding your hands the entire length of the Cover and back. *Note: Do not try to snap the Cover in place one spot at a time.*
3. If Cover needs to be cut, measure the Rail and cut the Cover to match. We recommend using a pex cutter or heavy-duty scissors.



BLACK STUD SCREW



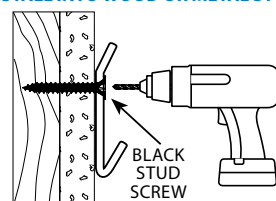
ANCHOR



ZINC ANCHOR SCREW

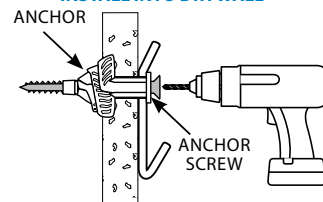


INSTALL INTO WOOD OR METAL STUD



BLACK STUD SCREW

INSTALL INTO DRYWALL



ANCHOR

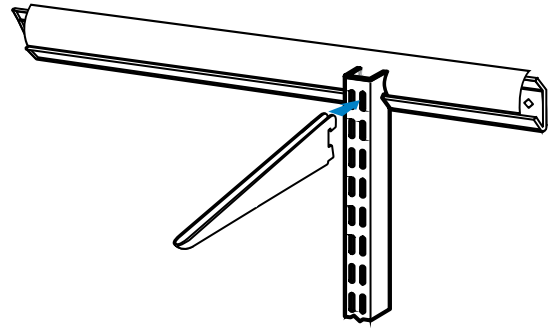
ANCHOR SCREW

freedomRail

Uprights and Brackets

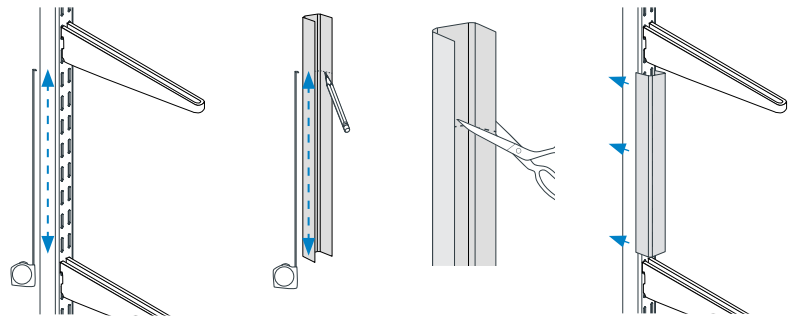
Uprights hang from the Rail and provide a track to install freedomRail components.

1. Place Uprights at appropriate spacing intervals on the Rail according to your design.
2. Insert Brackets into Uprights at appropriate shelf heights.



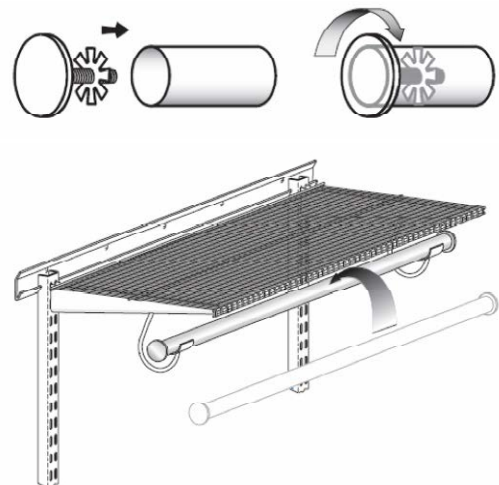
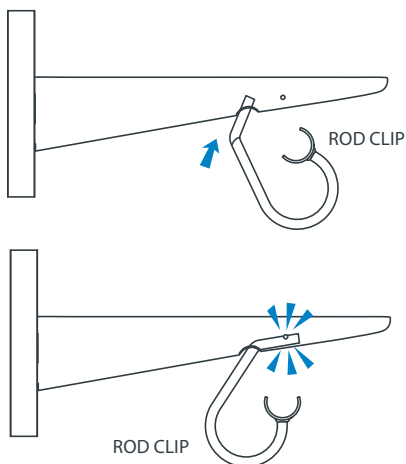
Upright Cover

1. Measure length of Upright to be covered.
2. Measure and mark the cut line on inside of Cover.
3. Use Pex Cutters or Heavy Duty Scissors to cut along mark.
For Best Results: Cut from one side, across middle to other side.
4. Align Cover on Upright. Press into place.



Rod Clips and Clothes Rods

1. Insert a Rod Clip into the large holes on the underside of each Bracket that will support a Clothes Rod. The Bracket should already be installed onto an Upright.
2. Snap Rod Clips securely to the dimple inside the Bracket.
3. The Clothes Rod securely mounts onto Rod Clips by forcing the Clothes Rod into the Rod Clip. Once in place, mount Rod Stops at the end of the Clothes Rods to keep clothes hangers from sliding off of the Clothes Rod.



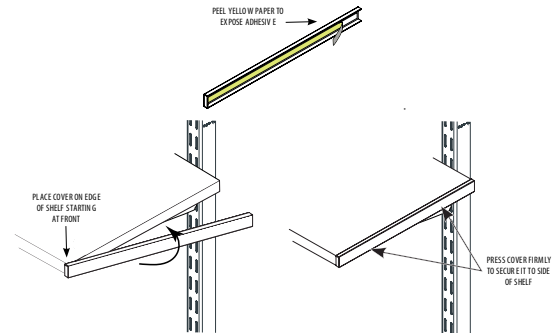
Install Wood Shelving

Use any of the appropriate Wood Shelf mounting methods to secure and stabilize Shelves in the Brackets.

1. For Shelf-Locs, place two in each bracket (one front and back) and then remove the double stick tape and place a Shelf on top.
2. For Shelf Screws, place the shelf at the appropriate height and run the screws through the brackets and into the underside of the Shelves.
3. For Heavy Duty Shelf Locators, Mount the metal locator to the bracket with the metal screw, place the shelf in the desired location and then mount the locator to the shelf with button head screws

Install Field Cut Cover

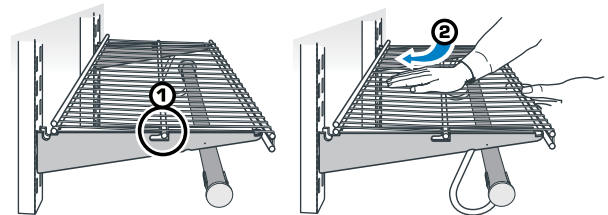
Once the shelf is secured into place, add a field cut cover to the cut end. Peel off the yellow paper and firmly press the cover onto the exposed end. Make sure the cover is properly aligned with the front of the shelf.



Install Ventilated Shelving

Ventilated Shelves are supported by Ventilated Shelf Brackets.

- To install, place Brackets in Uprights according to design.
- Then, place Ventilated Shelves on Brackets. The middle Shelf rod should be clipped under the lip in the middle of the bracket. The front Shelf rod should be lifted over the lip on the front of the bracket and the back Shelf rod clips in to the back of the bracket.
- Once the shelf is lined up properly on the Bracket, it will snap in to place. Shelves can then be rearranged when needed without removing the bracket.



Build And Install OBoxes

OBoxes, or Organization Boxes, are storage units that are packaged separately with all necessary hardware for assembly and installation.

1. Assemble the OBox according to the instructions inside the box.
2. Insert OBox brackets into the inside slot of each Upright. You may need to adjust the Uprights by tapping them into the correct position.
3. If you are installing a stack of OBoxes, install the bottom one first.
 - For OBoxes with drawers or baskets, attach the OBox to the Upright before putting the drawers and baskets into the OBox. This way the OBoxes are easier and lighter to install.

