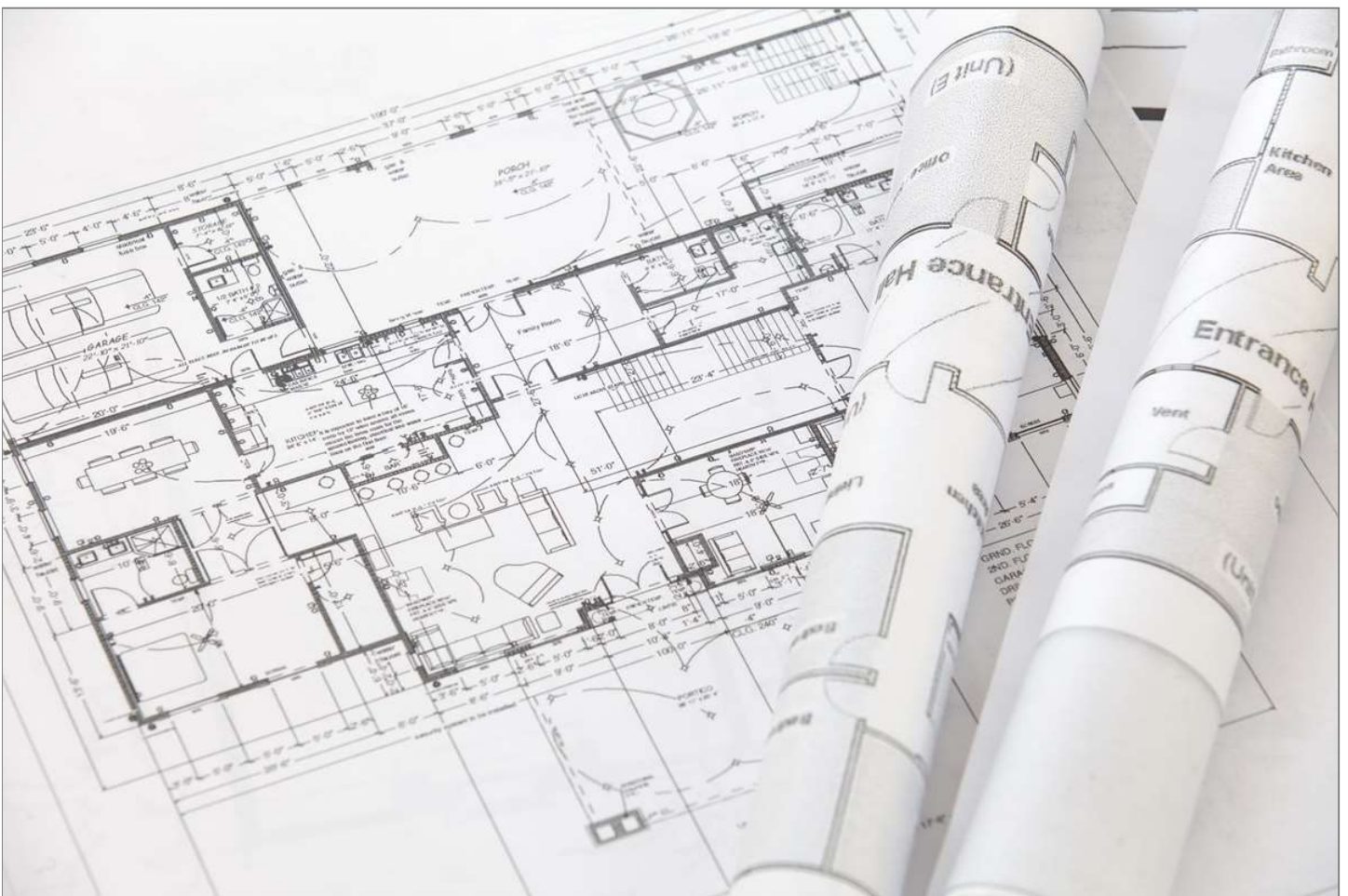


# Design Guidebook



# Measuring your Space

## Getting Started

If you have a reach-in closet you will need to measure the length along the back of your wall. If you have a walk-in closet, you will need to measure each wall that you want to have closet systems on.

Before you start to measure, do you have baseboards?

If you do have baseboards, we recommend removing them if it is possible. It will make for a nicer installation with our furniture-like system placed right up against the wall. Note: our system will cover over any existing baseboards.

If you prefer to keep your baseboards, you will still be able to use our system.

Baseboards will create a gap between our frames and your back wall equal to the thickness of your baseboards. We have wall brackets that you can use to secure the upper portion of any of our frames even with a gap.

If you keep your baseboards, measure the distance between the inside of your boards.

If you remove your baseboards, measure the distance between the side walls themselves (Typically drywall).

TIP: Measure from the very back corner as this will usually be the shortest dimension. This is to allow the right amount of space for frames.

## Filling your space with frames

Now that you have your measurement, you need to determine quantity and widths of frames to place within that measurement. You will always begin with a starter frame and then attach add on frames to fill your space. We have 7 widths to choose from: 18", 24", 30", 32", 36", 42" and 48" wide. The exact width of each frame is impacted by the type of upright. An upright is the side of the frame that the cross rails attach to. For more clarification on this, you can visit page titled "Specifications". Note: our standard frames have uprights (sides) that are open. If you want closed ends on any part of your closet it is important to know the difference in widths. Closed end uprights are thicker than open uprights and therefore the frame width will be wider. In addition, you cannot connect an add on frame to a closed end. In this case you would use two starter frames next to each other. You will find more details regarding this on the following pages. You will also find additional details on working with corners.

To determine the width of any combination of frames take the nominal size of any Starter Frame or Add On Frame (This will be 18", 24", 30", 32", 36", 42" or 48") and add the additional dimension(s) noted below based on closed or open uprights:

Starter Frame  
w/2 open ends



Add 1- 1/4"

A 24" frame would be 25-1/4" wide

Starter Frame  
w/1 closed end



Add 1- 7/8"

A 24" frame would be 25-7/8" wide

Starter Frame  
w/2 closed ends



Add 2 3/8"

A 24" frame would be 26-3/8" wide

Add On Frame  
w/1 open end



Add 0"

A 24" frame would be 24" wide

Add On Frame  
w/1 closed end



Add 1/2"

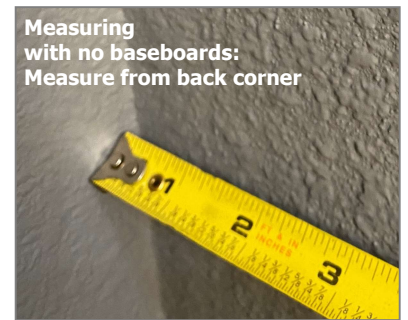
A 24" frame would be 24-1/2" wide



Gap between wall and frame



Measuring with baseboards:  
Measure from back corner

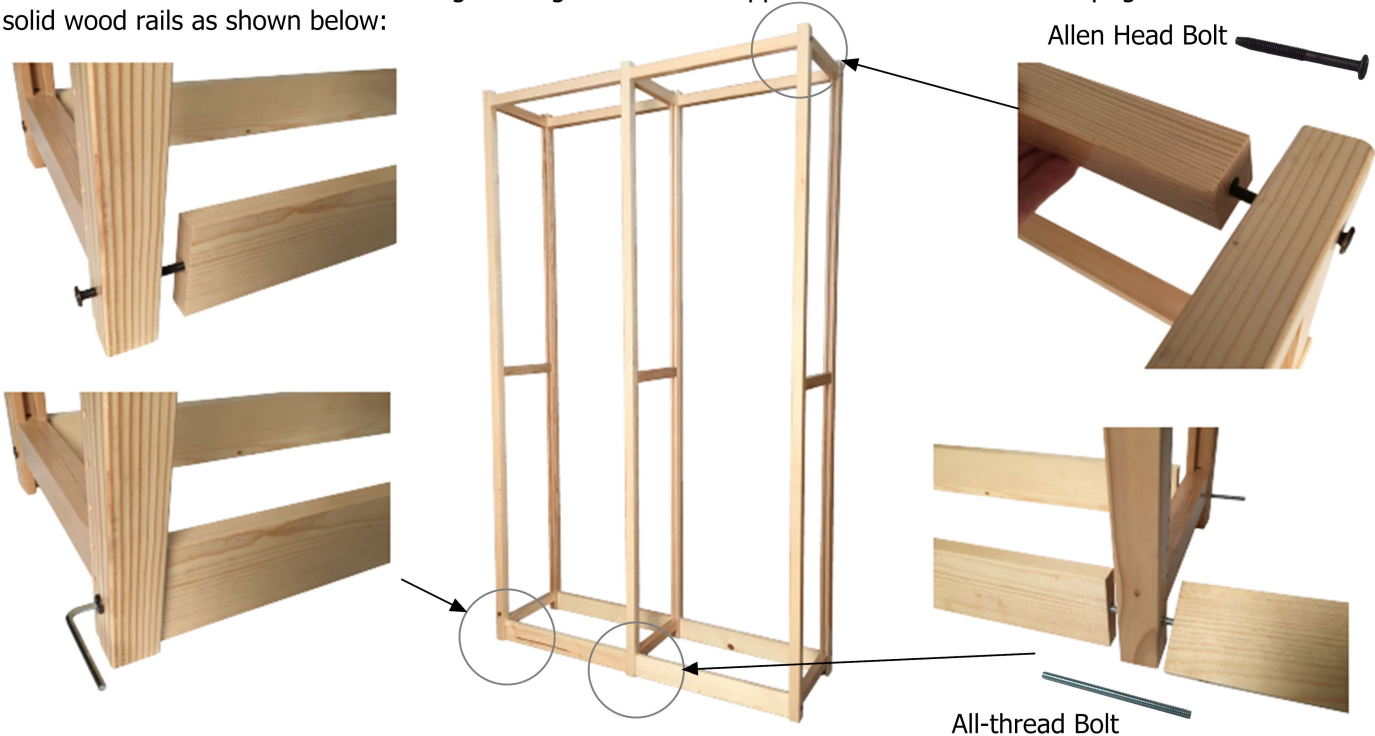


Measuring with no baseboards:  
Measure from back corner

# Working with Frames

## Connecting Frames

Frames are assembled with bolts that go through holes in the upper and lower sides of the uprights and connect to solid wood rails as shown below:



Important: Because our frames are bolted together, you will need a small gap between the final frame and your side wall to access installation of the final set of bolts. We recommend a gap of 1 3/4" or more. Once the frames are assembled (No components installed yet), you can easily move the entire frame assembly to center it within your space. The gaps on each side will then be less than 1" and not be any issue. If you want a tighter fit, you can use our End Frame Connection Kit to assemble the last frame (See kit images below). We also offer optional trim boards to fill any gaps for a more built-in look if that is desired.

## End Frame Connection Kit

Our End Frame Connection Kit allows you to connect the last upright to the upper and lower cross rails from the inside of your frame. Normally you would bolt the last upright using our Allen Head bolts. If there is not enough gap or room for the bolt, this kit is the solution.



# Working with Frames

## Frame Selection

When determining your frame selection, here a few tips to consider:

\*If you want drawers, you will need to have frame(s) that are 36"wide or less as we do not make drawers for 42" or 48"wide frames.

\*If you want taller frames, please be sure to allow at least a 1"high gap to install the frames. For example, if your ceiling is 96"high, you cannot use our 96"high frames. You would need at least 97"height to accommodate our 96"high frames.

\*Reminder: we do not make custom height frames.

## Top and Bottom on Frame sold separately

\*Frames come with the upright(s), cross rails and bolts to assemble the frames. They do not come with a top or bottom. You create the top or bottom using our standard shelves. Our standard shelf will sit neatly on top of the upper rails and lower rails ("Specifications" page will show an image of this). Because everything is solid wood, you will have no problem storing items on the top shelf of your frame.

## Certain Restrictions you need to know

Add On Frames **ONLY** connect to open ends. You cannot connect an Add On Frame to a closed end. If you want closed ends next to each other, you need to use 2 Starter Frames side by side.



Closed end frames are only available up to 96"high. Therefore, if you want to use our 108"high frame or taller, these are only available with open frame uprights.

## Hardware and optional backs

Although our system sits on the floor like a piece of furniture, for safety reasons you will still need to anchor it to your walls. If you are using drawers, it is required that you secure your frames to the wall. This is to prevent any possible tip-over when opening our full extension drawers. We offer several wall attachment methods noted below:

Drill a pilot hole in the cross rails and secure with long screws into studs or anchors



Use our L Bracket Kit to secure when you have baseboards

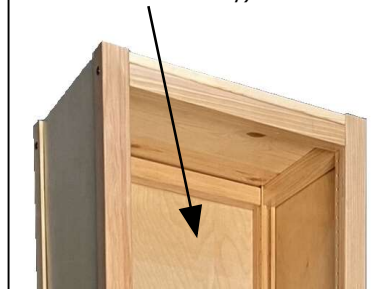


Use our standard brackets when you have no baseboards



## Optional Backs

Backs  
(Backs are not needed for our system. Used for aesthetics only)



We do offer backs up to 96"high. These are for aesthetics only. They have no structural purpose. Backs are not available to purchase online. You will need to contact us via email or phone for pricing and details.

# Working with Corners

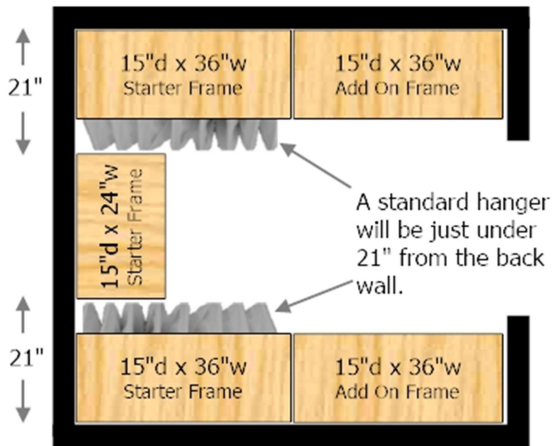
## We have several options for corners

If you have a walk-in closet and are working around corners, here are several ways to handle corners with our system:

The key here is allowing for hanging clothes. If you are using our industry standard 15" deep frames you have to allow space in front of the frame to accommodate hanging garments (See photo). This space is typically an extra 5 1/2" (or more). Therefore, you will want to leave at least 20 1/2" of space between the first wall and the adjoining frame that is next to it on the corner wall (We recommend 21" to 22").

## Our most common solution:

Use the back wall as a feature unit for drawers or shoes.



For hanging, we recommend 21" to 22" of space from the back wall to the next frame. In this photo we are showing 22" from the wall on the right to the frame with drawers.

## Use shelves in the corner.

If you want to have frames that go up against each other (See photos below), you need to have shelves at least on one wall. If both units have matching shelving it's easy to access the back corners with our open frames. If you want any hanging, you must have hanging on the unit that is fully open from the front to allow your garments to properly hang.

You can use shelves in this frame as shown, or you can use hang bars as you will have room for clothes to protrude out from the 15" deep frame. Reference this photo below as an example.

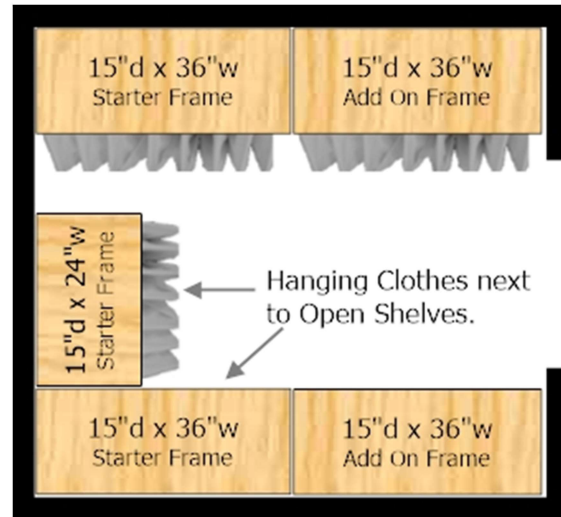
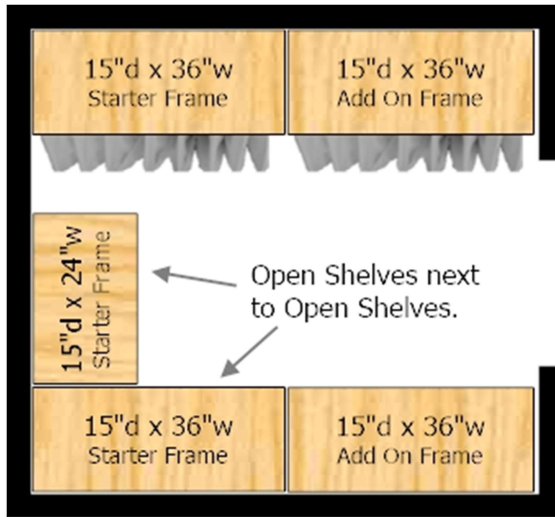


Hanging in this frame is not possible using our industry standard 15" deep frame. You can either allow a gap, or use our deeper 18" or 24" units or use only shelves here as shown.

# Working with Corners

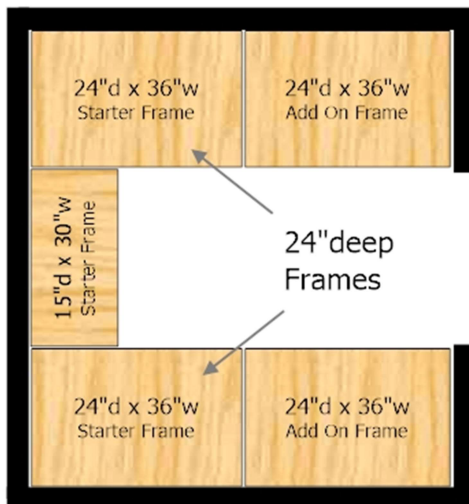
## More options for corners

Here are two more examples of closets using standard 15" deep systems with and without hanging in the corner:



## Using our deeper systems

another option for corners is to use our deeper systems (18" or 24" deep).



### **Important:**

Using our 18" deep systems, most garments will still protrude beyond the frame by approximately 2 1/2". We have had clients use 18" up against other units (See image below). However, your hanging clothes will most likely hit the adjoining frame. We recommend using 24" deep units to be certain no clothes will extend beyond the front of the frame. This is especially important if you are adding doors in front of hanging units.



### 24" deep Frame

You must use 24" deep units whenever you are adding doors and want to use hang bars inside.

### 18" deep Frame

Clothes hanging in the back corner can still hit the adjoining frame on the right.



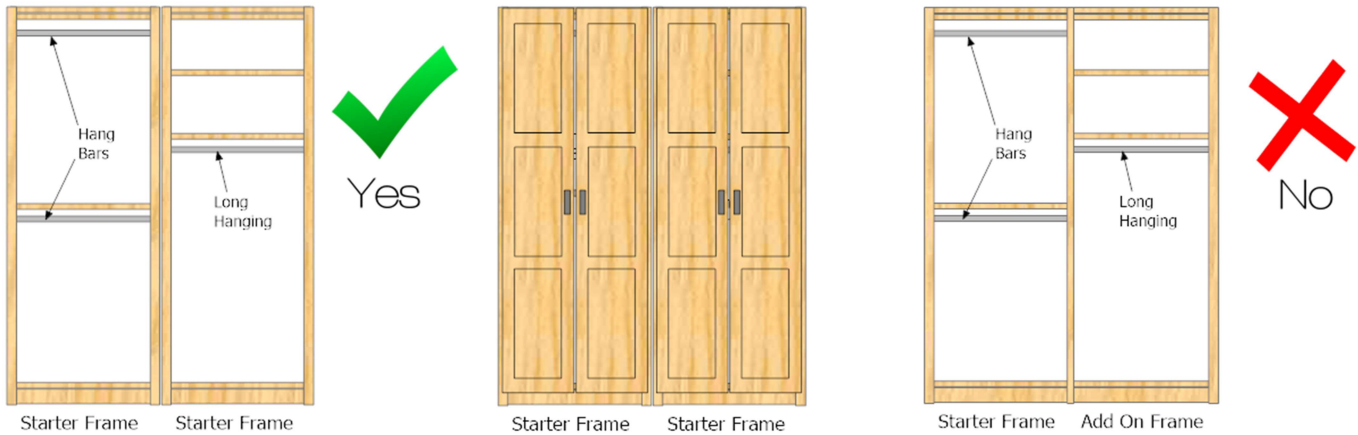
# Adding Doors

## Using Doors with Frames

If you want to add doors to any frame, there are important restrictions you need to be aware of:

### Doors can ONLY be used on Starter Frames

You cannot use doors on any Add On Frames



## Door Heights

Doors are available 18"high to 84"high in ANY finish, including Unfinished. Doors are available from 18"high to 96"high in ANY Clear or Tinted Finish. Unfinished doors are NOT available at 96"high.

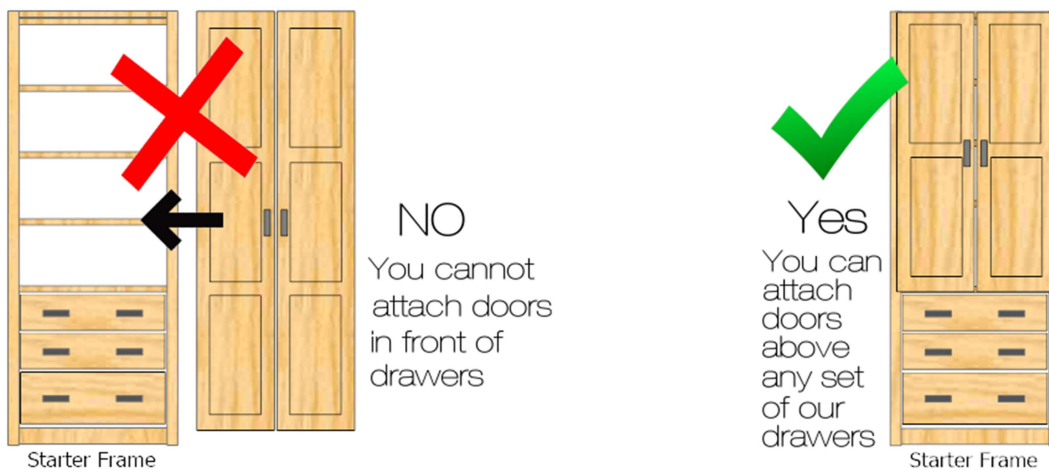
We do not make doors any higher than 96".

If you are ordering partial height doors, choose from our Partial Height door selection and in the checkout notes write the height that you want. We always review any door orders and will confirm with you so you can be assured of getting the size door you want.



## Doors cannot go in front of drawers

Doors cannot go in front of drawers. They will interfere with door handles. In addition, drawers interfere with mounting of door hinges.



# Adding Components

## Adding Shelves

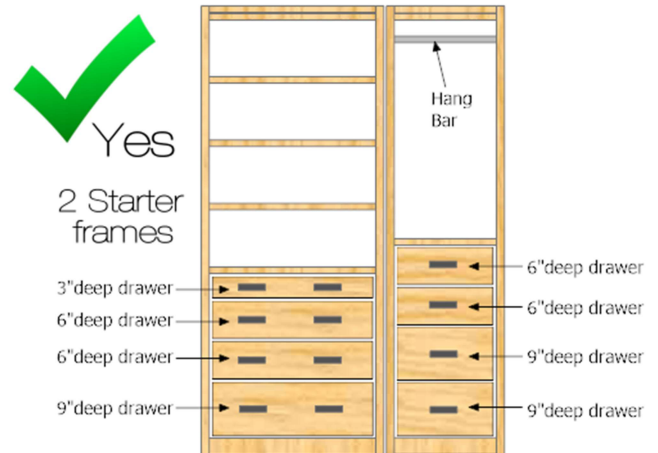
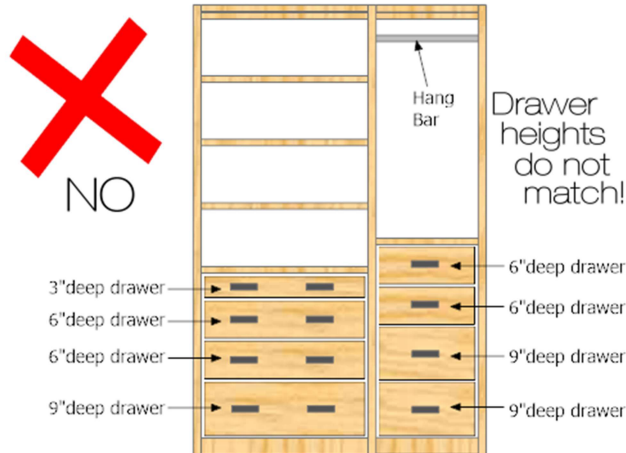
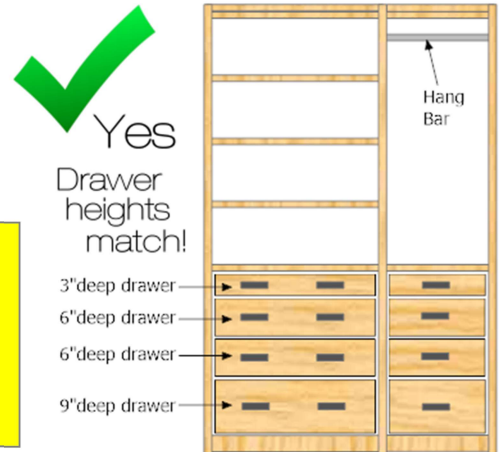
Please note that our frames do not come with a top or bottom shelf. You will need to add that to your order by simply using one standard shelf at the bottom and one standard shelf at the top. You can store anything you want on the top shelf (capable of holding plenty of weight). You do not have to use a shelf on top or bottom.

## Adding Drawers

Our drawers are available up to 36" wide. We do not make 42" or 48" wide drawers. If you have drawers side by side (see images) they must match in height when using a "Shared Upright". If you want to use different height drawers side by side, you will need to use two Starter Frames instead of a Starter and an Add On.

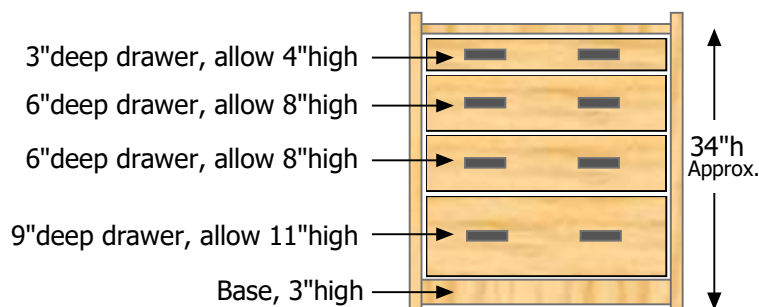
### VERY IMPORTANT

When you have 4 or more drawers stacked there are a few limitations on selections. Our uprights have a fixed center rail that can interfere with a few drawer arrangements. Be sure to visit our Drawer Configurations page on our website:  
[http://www.lundiausa.com/drawer\\_configurations.htm](http://www.lundiausa.com/drawer_configurations.htm)



## Drawer Fronts:

Drawer fronts are taller than the drawer box. Take note of this when stacking drawers. A stack of drawers that is 9", 6", 6", 3" is much higher off the ground than it would appear. Instead of 24" high (Total of those numbers), the actual height from the floor would be 34". This includes the approximate 1/8" gap between drawer fronts.





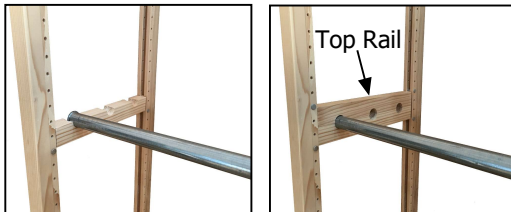
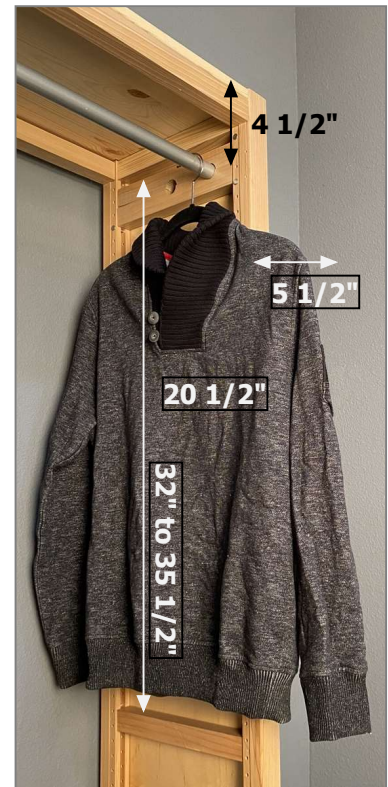
# Adding Components

## Hanging Clothes

Our standard 84"high frame provides for double hanging. A typical shirt or top will fit within a 32" to 35 1/2"high space. A top hang bar will be 4 1/2" from the top of a frame. This provides approximately 36" to the middle of the frame, leaving more than 36" of height below for a second row of hanging. If you are using a frame for single hanging or long hanging you can add additional shelves above or below. Reminder: We have taller frames if more height is desired.

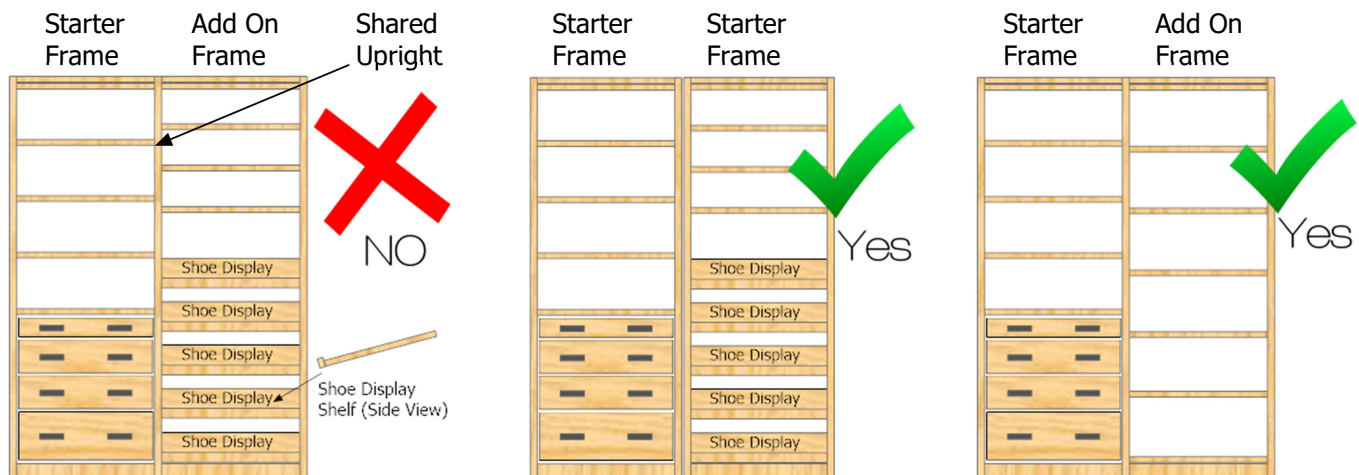
## Hang Bar Rail Supports

You do not always have to use the top wood rail on the hang bar supports. The upper hang bar rail was originally designed to lock in the bar on commercial projects that were 144"high. If you are setting a hang bar above 5' high, we do recommend using the top rail. However, if you are setting a hang bar below 5' high then it is optional. This is very helpful as on occasion when using a shared upright you may not have enough room to insert the top rail.



## Working with components on shared uprights:

Whenever you have an Add On Frame you are using a shared upright. This means components are being supported by the same upright between frames. This can have an impact on adjusting components that are next to each other. Most of the time this is not an issue. However, if you are using display shelves on a shared upright next to a set of drawers, we recommend two Starter Frames next to each other. Display shelves are angled and require more room to adjust.



Shared upright is supporting drawer rails on the left. Display shelves are meant to be at an angle and the drawer rails will restrict the space to do this. We recommend using 2 Starter Frames.

Using 2 Starter Frames allows you to position the display shelves on the right to any location at any angle.

Shared uprights work great with standard shelves and hang bars. No need to use 2 Starter Frames when you have shelves or hang bars next to drawers.

# Specifications



**Steel Pins**  
Pins are used to support all components. Adjustable on 1" high increments.

**Upper Cross Rails**  
Set of 2 (Front & Back)  
Approx. 1 3/8" h  
Solid Hemlock

**Standard Shelf Top**  
Non-Structural. Our Standard shelf used for a finished look and storage on top of frame.



**Doors**  
Solid Wood Frames  
Shaker style only as shown  
Soy Ply panel



**Standard Shelf**  
Approx. 3/4" thickness  
Solid Pine. 24" w shelf  
can hold over 500 lbs.



**Display Shelf**  
Approx. 3/4" thickness  
with 1 1/4" h front ledger  
Solid Pine

**Open Back**  
Standard Open Back  
Back Panels are available for aesthetics only. No structural purpose for backs.

**Lower Cross Rails**  
Set of 2 (Front & Back)  
Approx. 3" h Solid Hemlock



**Open Upright**  
Approx. 1 3/8" thickness  
Solid Hemlock

**Standard Shelf Bottom**  
Standard shelf set on 3" h Cross Rails

**Hang Bar**  
Steel Bar (Powdercoat Gray Finish)  
Rated to hold over 150 lbs.

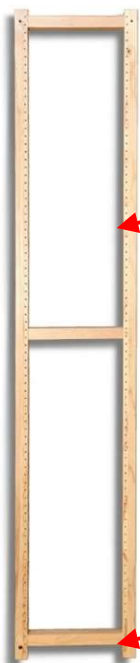
**Closed Upright**  
Approx. 1 7/8" thickness



**3" Drawer**  
Approx. 3 3/4" h Solid Hemlock Front

**6" Drawer**  
Approx. 7 3/4" h Solid Hemlock Front

**9" Drawer**  
Approx. 10 3/4" h Solid Hemlock Front



**Uprights**  
Solid Hemlock



Holes are spaced on 1" increments to accept steel pins that support all of our components.

Holes are drilled top and bottom in the upright for bolting to cross rails.

**Cross Rails**  
Solid Hemlock



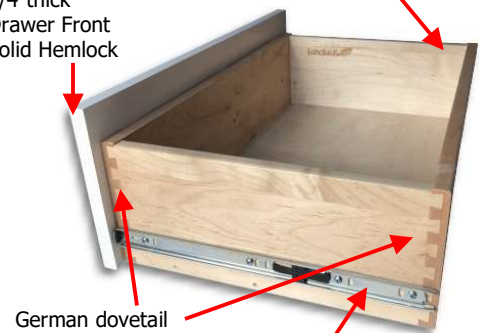
Cross rails bolt to uprights to form frames. Two rails at 3" high are used on the bottom. Two rails at 1 3/8" are used at the top. Uprights on ends use Allen Head Bolts to connect. Shared uprights in the middle use All-thread bolts to connect.

**Drawers**

Solid Hemlock Drawer Front  
Solid Maple Drawer Box

3/4" thick  
Drawer Front  
Solid Hemlock

5/8" Thick  
solid wood sides



German dovetail joints on all 4 sides.

Accuride Full Extension Smooth Closing Slides

**NOTE:**  
Drawer Boxes ONLY come in Clear Finish.  
Drawer fronts available in 9 finish options.

# Frequently Asked Questions

## What type of wood/material is our system made out of?

All vertical surfaces are made of solid Hemlock. This includes the entire frame, cross rails, drawer fronts and interior rails. Basically, this is everything that you can see when facing an installation. There are little to no knots in our Hemlock wood. Horizontal surfaces are made of solid Pine. This includes all of our shelves (standard or display). There are knots in our Pine wood, but they are sanded smooth and filled on larger knots. Hemlock and Pine are of the same species source and are regarded as one of the most environmentally sustainable woods in the world. All of our solid wood comes from FSC certified forests. Visit our website for more details on this, including the actual forests we harvest our lumber from.

## What Finishes are your systems available in?

We offer 9 finish choices: We have 7 tinted or painted finishes including White Wash, Painted White, Gray Wash, Cherry, Pecan, Cordovan and Painted Black. This is our Category 3 level. We also offer Clear Finish, which is our Category 2 level. This will show off the natural beauty of the wood and is less in cost than Category 3. Lastly, we offer Unfinished, which is Category 1 and our lowest cost.

## Can we use Unfinished material in our closet?

Our unfinished wood is often used for clients that want to finish it themselves. However, you can install our system in your closet unfinished. The issues will be that the material will darken over time as it ages and it is more difficult to clean. However, it will be just as durable. Currently, there is more than 250,000 lineal feet of "Unfinished" Lundia in thousands of commercial installations including Macy's, JC Penny, Ann Taylor, Polo Ralph Lauren, Cost Plus World Market and Government Installations throughout the country.

## Do you offer custom finishing?

We do not offer custom finishing. If you want a custom finish, simply choose our Unfinished selection and have it finished yourself. This is a very common solution for many of our customers.

## What type of finish material do you use?

We use Low VOC, water based finishes by Sherwin Williams. Visit our Material Safety Data Sheets section for detailed specifications on all of our materials (Even our glue).

## What type of finish material do you use?

We use Low VOC, water based finishes by Sherwin Williams. Visit our Material Safety Data Sheets section for detailed specifications on all of our materials (Even our glue).

## Do you offer installation services?

We do not offer installation services. However, our system is easy to install yourself. You can install our entire system without any power tools. We get rave reviews on how easy it is to install. If you do not want to install it, we recommend any handyman service that is readily available on the Internet and nearby to your location.

## Can we install Lundia on carpet, tile or wood floors?

Yes, our systems can be installed on any surface.

## How much weight can your shelves hold?

There is no closet system in the world that is stronger than our Lundia Solid Wood Systems. Our shelves are rated to hold well over 500 lbs. Our shelves will not break. If you are loading very heavy materials like hardbound books, we do recommend using shelves that are less in width (24", 30" or 36" wide). If you overload our 42" wide or 48" wide shelves with heavy books or records, they will NOT break, but they can deflect depending on the amount of weight.

## How much weight can your hang bars hold?

Our hang bars are heavy gauge steel with a gray powder coat finish. There is no stronger hang bar than Lundia's. These are the same hang bars used in thousands of commercial applications that are 12" high (3 levels of hanging). Lundia is used in nearly every Macy's store across the country to hold garments in massive stockrooms for customer inventory. Hang bars have been tested to hold well over 150 lbs.

## Can we mount Lundia on the wall?

No, Lundia is designed to be installed like a piece of furniture. It sits on the floor. However, it does require attachment to your walls to prevent any possible tip over.

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# Frequently Asked Questions

## What is your Warranty?

Lundia comes with a limited Life Time Warranty. Visit our website for detailed information on our warranty. NOTE: No other similar product has been time tested like Lundia. Lundia was first created in the 1940's in Europe. Brought to America in the 1950's, Lundia has been around longer than most major corporations. In fact, there is a Used Market for Lundia. Visit eBay and you will find used Lundia for sale every day (Much of this used Lundia is over 30 years old). Solid wood lasts forever.

## What is your return policy?

Even though we have standard sizes, it is impossible for us to stock our product. With 5 depths, 13 heights, 7 widths, and 9 finish options there are thousands of possible combinations. Because of that, everything is made to order. Your order is being made specifically for you. We cannot restock this product. Therefore, we do not offer returns. If you have any issues with your order, please contact us immediately and we will make it right!

## How do you ship?

Depending on the size of your order we will ship via UPS truck or by freight carrier. All of our shipments are carefully packaged in boxes, with each boxed labeled with what's inside. We do not over pack our boxes. The average person will be able to carry any box into your home. If you have any special requirements, call us.

## Will your Lundia work with the Lundia I bought at the Container Store or in Europe?

Lundia purchased at the Container Store was called Skandia and made in Europe. Any Lundia made in Europe was made in centimeters. Lundia made in the U.S. is made in inches. The product is the same design and construction methods. However, because European Lundia is made in centimeters it will not interchange or fit our Lundia made in the U.S. As close as our sizes are, they will not interchange with each other in any way. You can match your existing European Lundia with an entirely new Lundia made in the U.S.

## Can I get additional parts or components for my Lundia at a later time?

Yes, that is one of the advantages of our modular system. You can add and/or change your system at any time. In addition, any new product introductions are reverse engineered so that they will work with your existing Lundia. Lundia systems and parts made today will still work with authentic Lundia made in the 1960's and 1970's

## Do you offer Soft Close Drawer Slides?

We use soft closing Accuride ball bearing, full extension slides (The finest in the business). However, we also offer SELF Closing glides that will grab your drawer and close it for you when you push it in part way. There is no extra charge to switch to self-closing. FYI...in testing, more people liked our Soft closing smooth drawers over Self Closing. Nonetheless, we are happy to provide either. If you order online, you can write in the order instructions that you want to switch to Self-Closing drawer slides.

## Do you make custom sizes?

We can make custom widths ONLY. WE cannot make custom depths or heights. There are restrictions on the custom widths we can manufacture. We only allow custom widths in 1" increments from our standard sizes. You cannot get a custom width in a fractional difference. We do not make custom width drawers or hang bars. You can only get custom width shelves and frames. There is a set up fee for making custom widths. Call us for more details.

## Can you stack a smaller frame on top of a larger frame?

Yes, but it must be done with a custom countertop. For example, you could have a 24"deep x 30"wide x 36"high frame. You would then add a 12"deep x 30"wide x 48"high upper frame as long as you include a custom countertop on the 24"deep lower frame (Call for pricing on countertops). The upper frame MUST be securely attached to the wall.

## Is it possible to connect a lower height Add On Frame to a taller Starter Frame?

Yes, you can attach lower height Add On Frames to taller Starter Frames. For example, you can attach a 72"high add on frame to an 84"high starter frame. We will drill special holes in the Starter Frame upright to match the height of the lower frame upright.

## Is it possible to connect different depths?

You cannot connect different depths to each other. The simple solution is to use two Starter Frames next to each other. For example, you could have an 18"deep frame next to a 15"deep frame as long as they were both Starter Frames.

## How long will it take to receive my order?

Please call us or reference our website to get our current manufacturing lead times.

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