

Installation Instructions

Important

Installing your wood ventilated closet system is not difficult if you are prepared. Please read instructions thoroughly and completely prior to starting your project. If necessary, make sure your closet walls are repaired, patched, and painted prior to your install. Your closet will come together beautifully in four easy steps – Design, Prepare, Cut and Install. If you need assistance at any time throughout this project, please call 800-809-2423 and ask for installation assistance.

Closet layouts can range from standard to completely custom, but most include some combination of single hang, double hang, and storage stacks. Below are standard heights for Cope Closet Concepts 12" deep shelving. Use these standards as common sense guidelines - For example, if your client is 6' 2" tall, you may consider topping out at 86" instead of 84". In any case, there is room for some adjusting, but do not veer too far from the standards, as other unforeseen problems could occur.

SHELF	HEIGHT FROM FLOOR	TYPICAL USE
Top Shelf	84 inches	Upper Double Hang
5 th Shelf	70 inches	Single Hang
4 th Shelf	56 inches	Storage
3 rd Shelf	42 inches	Lower Double Hang
2 nd Shelf	28 inches	Storage
Bottom Shelf	14 inches	Storage

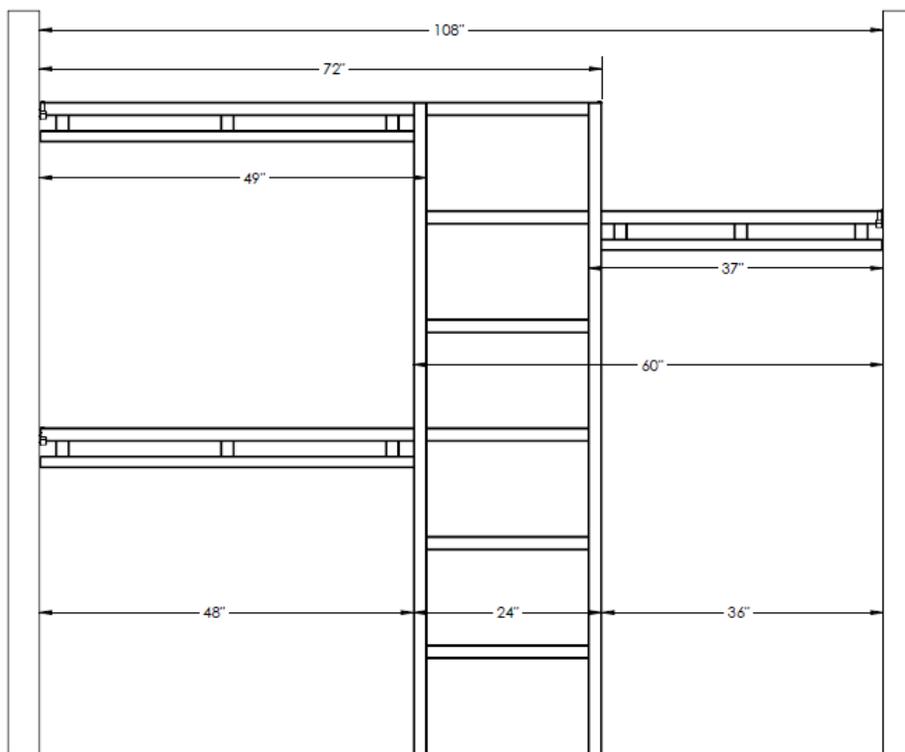
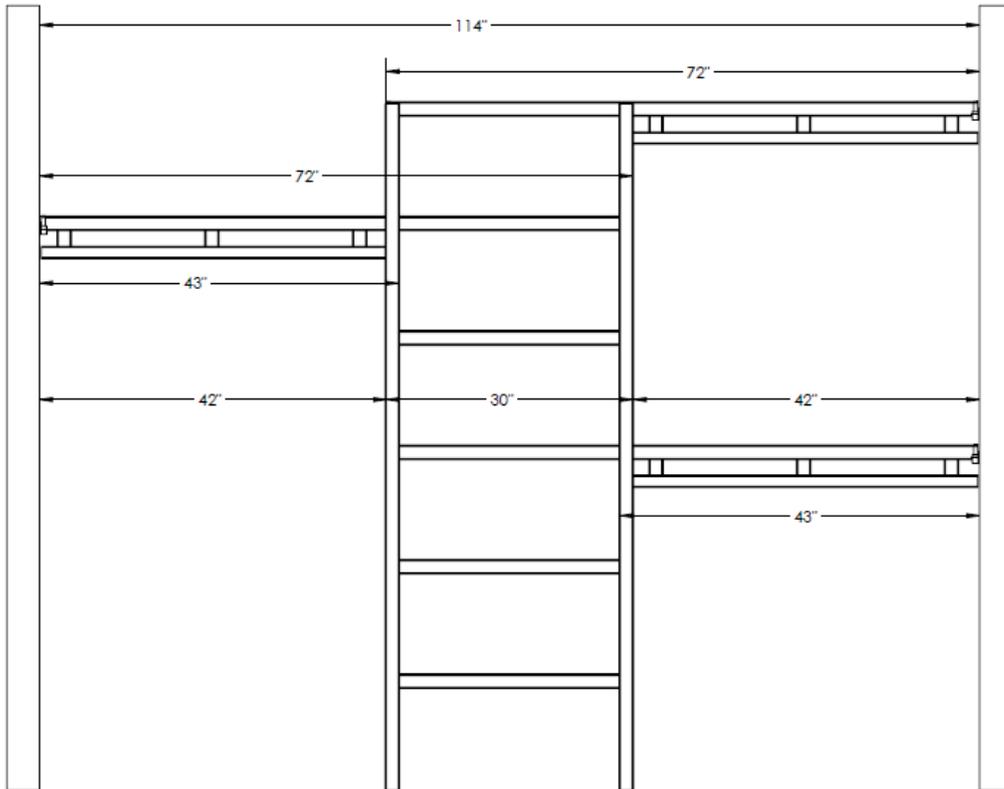
Tools Required

Miter Saw
Cordless Drill
#2 square driver for screws
#3 square driver for anchors
Snips for BAC anchor removal

Level
Tape Measure
1/4", 1/8", & 1/16" drill bits
Stud locator
Hammer

Design - Plan the space based on the exact size of the closet and your client's personal storage needs. Check out these examples:

(C-1)

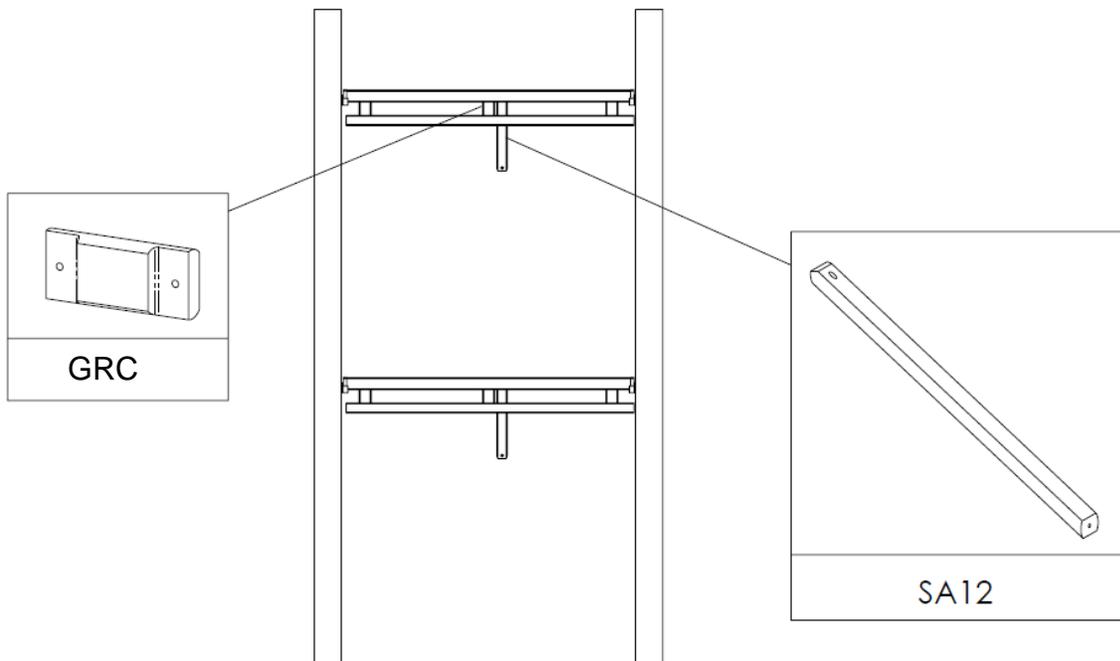


(C-3):
C-3 is a combination of double hang, single hang, and storage, but maximizes double hang

Using graph paper, design your closet. This design will become your “installation map”. You may want to start out on scratch paper and when you have it worked out completely, transfer it to the graph paper. Write in the measurements of each shelf and each rod on your design. Below are a couple more finishing touches for your “installation map”/design.

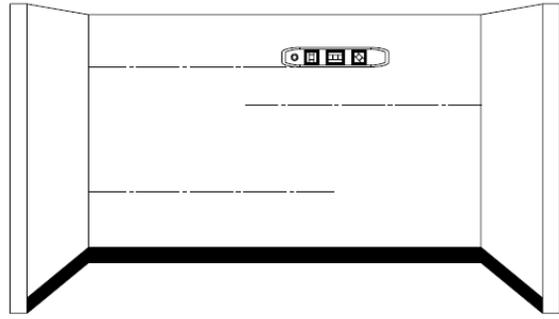
Mark location of GRC (garment rod connectors): Now that you have your design on paper, mark the exact location of each garment rod connector on the design. Garment rod connectors will be attached 2” from each end of the rod and then at intervals not to exceed 30” throughout the length of the rod (24” for CSC).

Mark location of any additional diagonal support needed: You most likely included your support *poles* in your design already, but if you have shelving runs that are greater than 42”, you will need to add additional diagonal support. For design purposes, draw the diagonal support centered as diagramed below. Remember this is your installation “map”. Keep it handy throughout your project. *Please note, however, actual placement of your diagonal support is on the stud nearest the location on your design.*



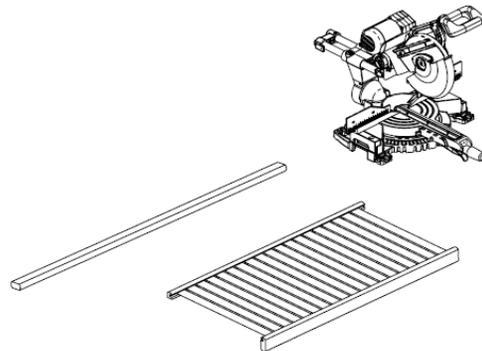
Prep

Now that your Design is ready, let's verify, one last time, that your closet is ready for shelf installation and double check the measurements. Using tape measure and level, pencil a level line for the *shelving* in your design on back wall of closet – exactly. Begin with the highest shelf in your design and continue marking level pencil lines at desired heights for all other shelving to be installed on that wall. DO NOT mark lines on side walls. Do NOT draw in garment rod or vertical pole locations. Locate studs and mark along level lines.



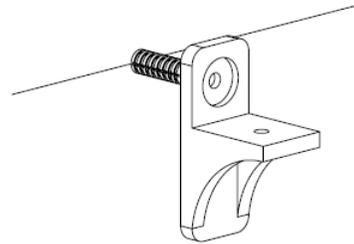
Cut

Using a chop saw, trim each shelf and garment rod to the desired length. Please note: If your exact measurement falls on a slat, increase the length so that the saw blade comes down between slats. Also note that if your shelf or rod is wall to wall you must cut them 5/8" shorter than the actual measurement to allow for wall end brackets.



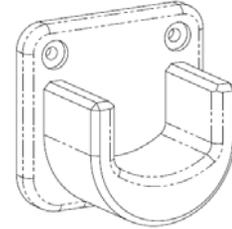
Install

Back Clips: Back clips secure the shelf to the back wall. They are installed on the back wall, along the level lines that you have drawn. They should be installed at each end and then every 12" where studs are not located, directly into studs if they can be located. When installing back clips into studs, clip the wall anchor off the back of the part and install using a #8 x 1/1/2" screw. To maximize strength, we recommend locating and installing



back clips into studs as much as possible. For back clips installed into drywall without stud, drill a ¼” hole in the wall, insert back clip anchor into each hole and secure using a #8 x 1 ½” screw.

Wall End Brackets: Using a level and tape, measure and find two “points” on side wall at every place your shelving will attach to the side wall. The “points” should be level with the lines drawn on the back wall. The location of the first mark is 11 ¼” from back wall; the second 12 ½” from back wall.

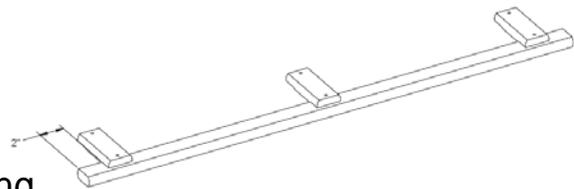


Use extra care when positioning WEB. Do not draw a line on the side walls, as the shelf will not cover it up completely. Please note that the WEB and BAC are attached to wall on the same plane. To install Plastic Spiral Anchor (PSA) a pilot hole is not necessary. Position a PSA on each mark and screw into drywall using a Phillips head screwdriver. Use #8 x 1 ½” plated screws to install WEB.

In most cases, hardware alone is not sufficient to support your shelving. Additional support can be achieved using vertical pole supports, diagonal wall supports or a combination of the two, as outlined in this guide.

Garment Rod Attachment

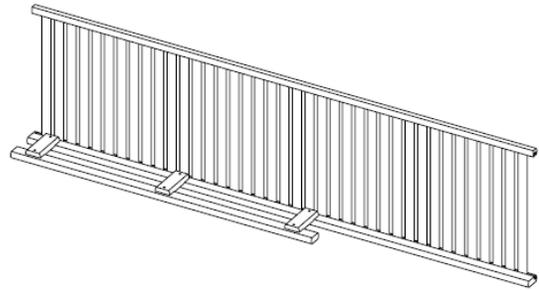
Garment Rod Connectors (GRC) are used to attach Garment Rod to shelving.



GRC are attached 2” from each end of Garment Rod. Additional interior connectors are necessary to achieve spans no more than 30” between GRC. Remember, you have already done the work of locating all GRC when you designed your closet. Refer to your design to find the location of all additional garment rod connectors. Place contoured side of GRC on Garment rod at proper location. Using a 1/8” drill bit, drill thru the connector into the back of the garment rod to create pilot hole. Attach with #8 x 1 ¼” screw. Following this same procedure, attach all connectors to garment rods.

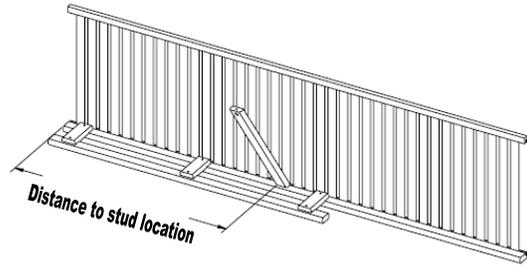
A word about pre-drilling: Your beautiful wood shelving is made in the USA of Ash wood (same as for baseball bats) – for ultimate strength and durability. Pre-drilling is necessary to prevent wood this strong and hard from splitting.

To attach the rod to the shelf, place the other contoured end of GRC on shelving as shown and attach in same fashion as above... remembering to pre-drill to prevent splitting.



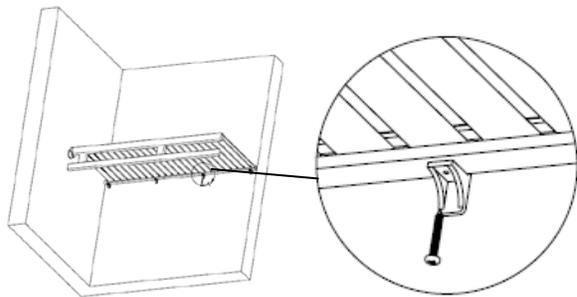
Diagonal Support Attachment

Should your closet call for diagonal support, your design will indicate only the *approximate location* of the support. Refer to actual lines drawn on the back wall of closet for the *exact location* of this support arm. The exact location is the nearest stud to your *approximate* design location. Measure this point from the end wall, deducting 5/8" for the wall end bracket. Find this point on backside of front rail of shelf and place diagonal support arm (SA12) as shown. Using 1/8" drill bit, pre-drill pilot hole thru the diagonal support into the back of the front rail. Attach using #8 x 1" screw. Follow this procedure for all diagonal support.

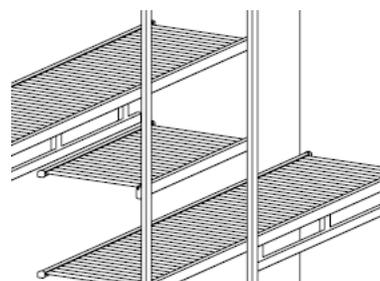


Shelf Installation

Apply shelf and rod end caps to all shelving and garment rod if desired. Set top shelf into hardware. After pre-drilling pilot hole, attach shelf to back clip (BAC) using # 6 x 5/8" screws provided, holding shelf firmly in place while attaching. In same manner, continue down, installing all shelving that has at least one side wall attachment.

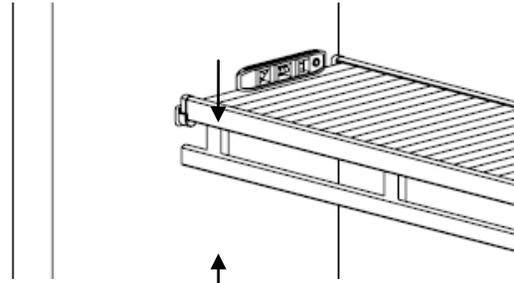


Attach vertical support poles at design locations. Vertical supports are



fastened to the shelf face, preferably from the back to conceal the screws.

Level the top shelf front to back, then drill a 1/8" hole from the back side of the shelf, thru the shelf and into the vertical pole. Fasten with 1 1/2" screw. Continue this procedure, leveling both the shelving and the pole, until all previously installed shelves are level and attached to vertical support poles. Install all open ended shelving beginning with highest in same fashion, attaching to poles as you go along. Last attach any diagonal supports to wall using #8 x 1 1/2" screws.



And now your closet is complete and ready to be filled!