Vigilant

VIGILANT

Custom Wine Cellar Instructions

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Thank You for Your Vigilant Purchase

Congratulations on your new wine cellar! Vigilant has created this step-by-step manual to help guide you through the installation. We recommend that a copy of this guide be available on site and if you or your installer has any questions about the process please feel free to reach out to our customer service professionals at (888) 812-4427.

When your wine cellar arrives, it is important to inspect the shipment for any visible damage. We take great pride when packaging our products, however, shipping damage that's out of our control can happen.

ANY ITEMS THAT APPEAR DAMAGED SHOULD BE REPORTED TO VIGILANT WITHIN 7 DAYS OF DELIVERY OR THE DAMAGE CLAIM CANNOT BE HONORED

To report any damage, please contact us at (888) 812-4427

When unloading the shipment, try to place all items in an area outside of the wine cellar. This allows for the least amount of clutter in the room you will be working in and reduces over handling which could cause damage.

It is important to understand that the assembly and installation of a wine cellar is NOT a project for a beginner. A good understanding of finish carpentry and trim work is required in order to achieve the polished look that Vigilant products deliver. The following assembly instructions will provide steps for Vigilant's most common wine cellar items. Please review the contents of this guide, prior to starting, so that you have a better understanding of Vigilant product assembly. We recommend viewing some informative 'How-To' videos featured on the Vigilant YouTube channel prior to installation.

For instructional videos visit: https://www.youtube.com/user/VigilantWineCellars

Understanding the Shipping Manifest and the Itemized Assembly Components

The Shipping Manifest (generated for all kit items) and/or the Itemized Assembly Components (generated for all custom items) combined will outline the number of boxes you've received as well as detail the contents of each box. Use these documents during the assembly process to locate parts, validate quantities and sizes, and assemble each of the cellar's individual components. Please note the items described below should be contained in the instruction box included in your shipment labeled as 'Box 1'. If you have trouble locating any of these items, please call Vigilant customer service at 888-812-4427 for assistance.

Custom Wine Racking Components

First, review the 'Wine Cellar Component Summary' sheet, for an overview and description of your custom cellar components. This sheet specifies items and any unique material and finish selections when the order was placed (See Figure 1A). Note: Each custom item is assigned an item letter designation.

Figure 1A: Wine Cellar Component Summary Example

WINE CELLAR COMPONENT SUMMARY

SALES ORDER	9876	SPECIES	MAHOGANY
ORDER DATE	1/1/2001	FINISH	HARVEST W/ LACQUER
SALES PERSON		HOLES	NO
		BRANDING	YES

BILL TO:		SHIP TO:	
Business		Business	
Name	JOHN DOE	Name	JOHN DOE
Name		Name	
Address	123 MAIN ST.	Address	123 MAIN ST.
City / State	ANYTOWN USA	City / State	ANYTOWN USA
Phone		Phone(alt)	

ITEM	QTY	DESCRIPTION
A	1	LADDER RACKING W/ HIGH REVEAL
B	1	DIAMOND BIN
B-F	1	FACE FRAME
B-T	1	TABLE TOP
C	1	CROWN MOLDING
D	1	BASE MOLDING
E	1	FILLER STRIPS

SEE SHIPPING MANIFEST FOR ADDITIONAL KIT ITEMS

To locate the boxes of the custom wine racking items, review the 'Itemized Assembly Components' document included in the instructions within Box 1. The column at the far left indicates a Box # for each of the individual custom wine racking items. As an example, in Figure 1B below, the items to assemble the entirety of Rack A (Ladder Racking w/ High Reveal) are in boxes 6 and 9.

Figure 2B: Itemized Assembly Components Example

ITEMIZED ASSEMBLY COMPONENTS

SALES ORDER	SELECTIONS
9876	MAHOGANY HARVEST W/ LACQUER, NO HOLES, W/BRANDING

SPACER BARS

BOX #	ITEM ID	COLUMNS	CENTERLINE	LENGTH	SPACING	QTY
6	A	5	4 1/2	23 1/4	BURGUNDY	0

LIGHT VALANCES

BOX #	ITEM ID	THICKNESS	WIDTH	LENGTH	QTY
6	A	3/4	1 1/2	21 3/4	1

LADDERS

BOX #				QUANTITY			
	RACK ID	HEIGHT	DEPTH	LEFT	RIGHT	DOUBLE	STYLE
9	A	52	12	1	1	4	FULL

Kit Wine Racking Components

If the wine cellar also contains kit racking items, please refer to the 'Shipping Manifest' document (See Figure 1C) included in the instruction Box 1 to properly locate the boxes that those items were shipped in. The column at the far left of the document indicates a Box # for each of the kit items. As an example, in Figure 1C below, the items to assemble the entirety of all the kit items have been shipped in a total of 4 boxes.

Figure 3C: Shipping Manifest Example

Box #	SKU	Product Description	Box Contents
1	HARDWARE	All Hardware	Hardware and all Instructions
2	A-K-LED-3	3 BULB ACCENT LIGHTING KIT,4FT (LED)	4' 3-Bulb Display Lighting Kit
3	R-CM-HR-2	Classic 2 Column with HR Display	(1) Left Ladder, (1) Right Ladder, (1) Double Ladder, (12) Spacer Bars, (1) valance
4	R-CM-RB #1	Classic Solid Rectagular Bin	(1) Top Panel, (1) Bottom Panel, (1) Left Side, (1) Right Side, (2) Nailers

Located at the end of this guide is a set of drawings that includes a plan view and elevations (wall views) of your wine cellar. When looking at the drawings, the overlaid letters identify each of the separate racks. The other drawings provided are labeled "cutlists" and are used by our production team during manufacturing. These drawings will serve as a common reference document between the Vigilant customer service team and your installer, should any questions arise during the assembly or installation process. For this reason, please keep a copy of this guide onsite.

Preparing for Assembly

It's time to prepare for assembling your wine cellar components. This process can take quite a bit of time depending on the size and intricacy of your wine cellar. The first thing you'll want to do is create a workspace, preferably elevated, so that you can comfortably assemble the individual components. Next, you'll need to gather some tools and materials.

Items you will need for assembly:

- Tape Measure
- Electric Screwdriver
- Pneumatic Brad Gun (18 gauge)
- Soft Faced Rubber Mallet or Hammer
- Various Drill Bits and Countersinks
- Wood Screws - 1 1/4" and 1 1/2"
- Wood Glue
- Clamps
- Wood Filler

Items you will want for installation:

- 4 Foot Level
- Torpedo Level
- Chalk Line
- Wood Shims
- Chop and Table Saws
- Coping Saw
- Framing Square

Now that you're ready to start assembling. We recommend starting with the focal point of the wine cellar but site conditions like unleveled flooring, sump pump and electrical outlet locations may cause you to start in other locations. Vigilant recommends that you start off by reviewing the instructions in this manual to help your construction go more smoothly.

Assembly Instructions

Straight Ladder Racking

Figure 4: Assembled 2-Column Ladder Wine Rack

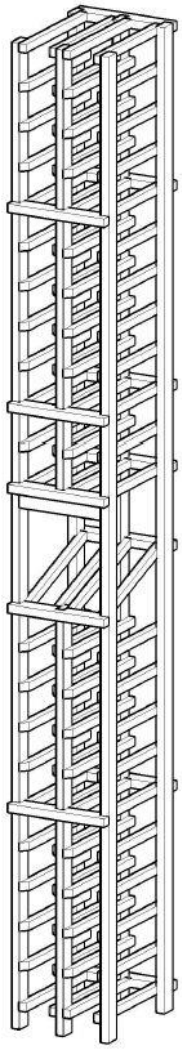
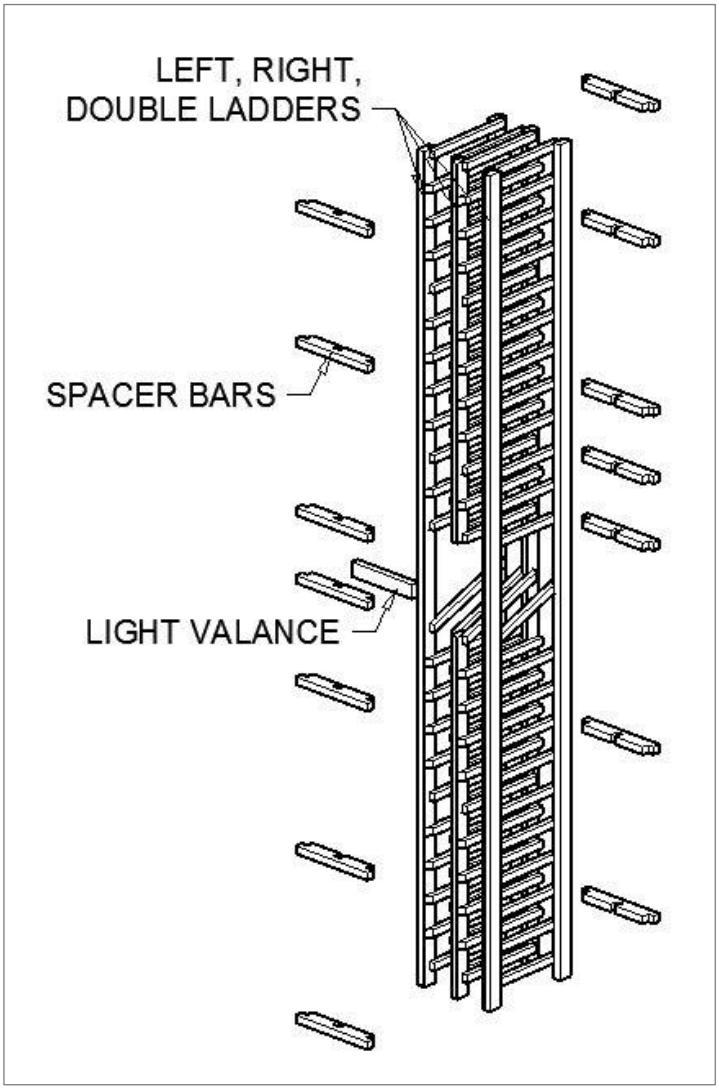


Figure 5: Wine Rack Components

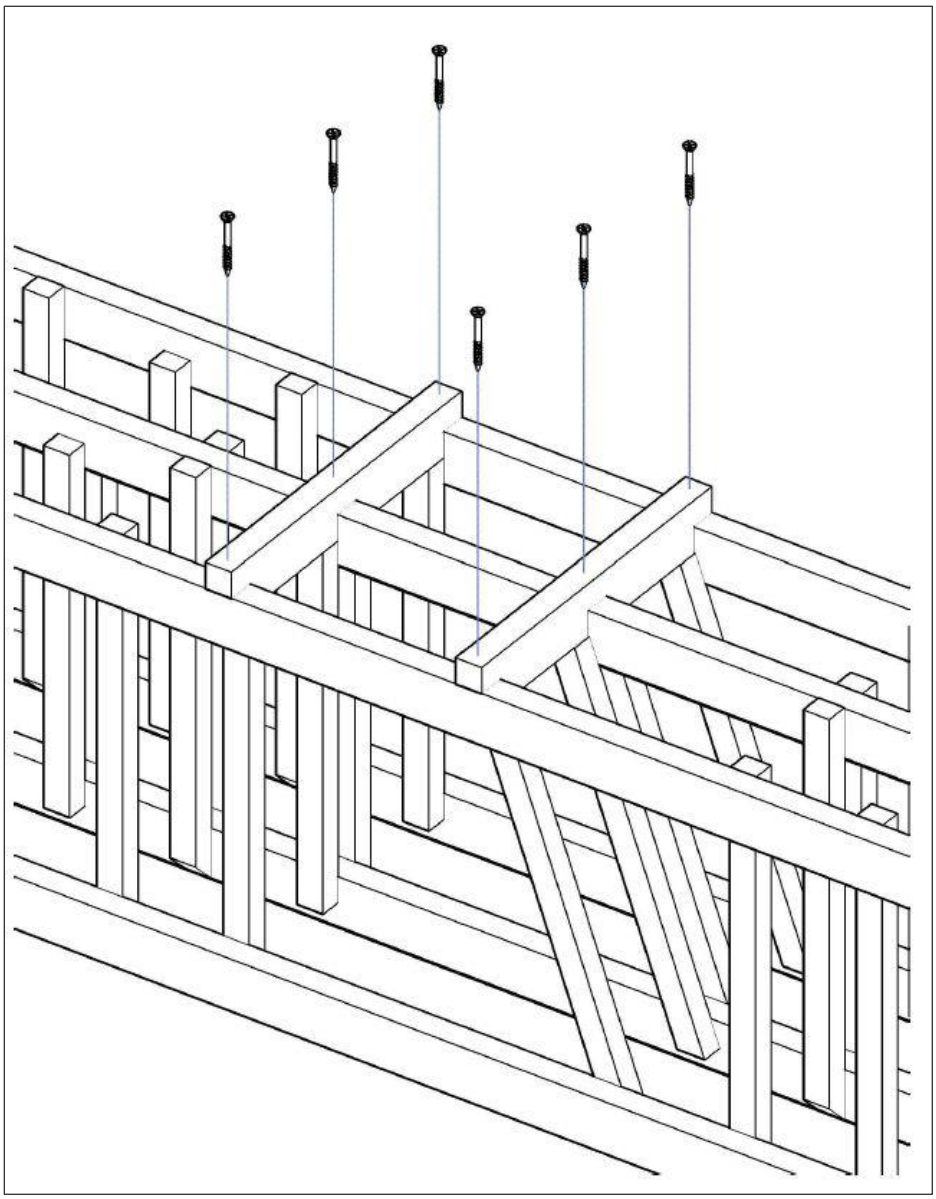


Vigilant ladder racks are simplistic in design with only three components making up their construction. The first piece is a ladder constructed from uprights and slats. Ladders are the vertical components of wine racking and have a top and bottom. The second component runs horizontally across the wine rack and is called a spacer bar. Lastly, there is a light valance which runs horizontally above the high-reveal display row. If you did not order your wine racking with a high-reveal display row you do not have a light valance.

Note: Wine racking that runs from floor to ceiling may have to be assembled in the upright position as there may not be enough ceiling clearance to raise your rack into position.

1. Locate all ladders, spacer bars, and the light valance. Select the best looking spacer bars to apply to the front of your wine racks and set them aside.
2. Starting with the back of the rack first, line up the right and left ladders with slats facing in. Attach spacer bars in the rabbet slots using a brad nail or screws (See Figure 6). If screwing, it is important to pre-drill all holes to ensure the wood does not split. For multi-column racks, make sure all double ladders are lined-up between the single left and right ladders when attaching the spacer bars.

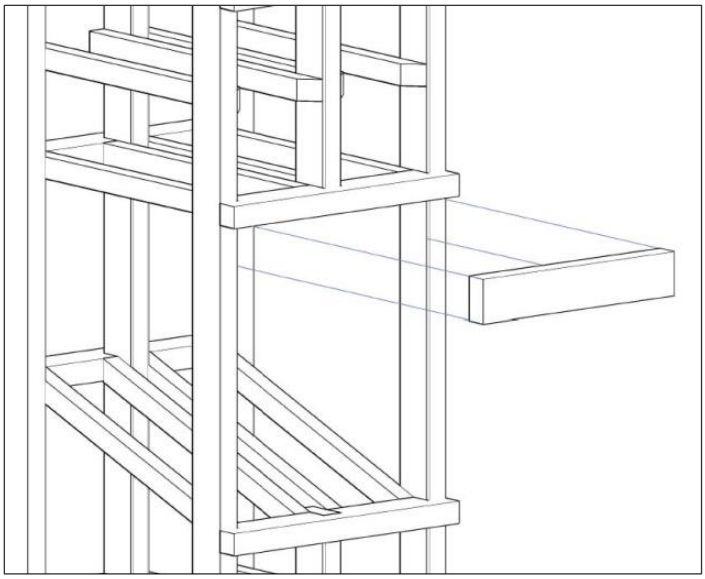
Figure 6: Affix Spacer Bars with Brad Nails or Screws



3. Repeat step 2 until all back spacer bars are attached at all locations.
4. Carefully turn the rack over (2 people may be required).
5. Repeat steps 2 through 3 on the face of the rack working out from the middle to the top and bottom of the rack. If the racking you're assembling does not include a high-reveal display row, your assembly is complete.

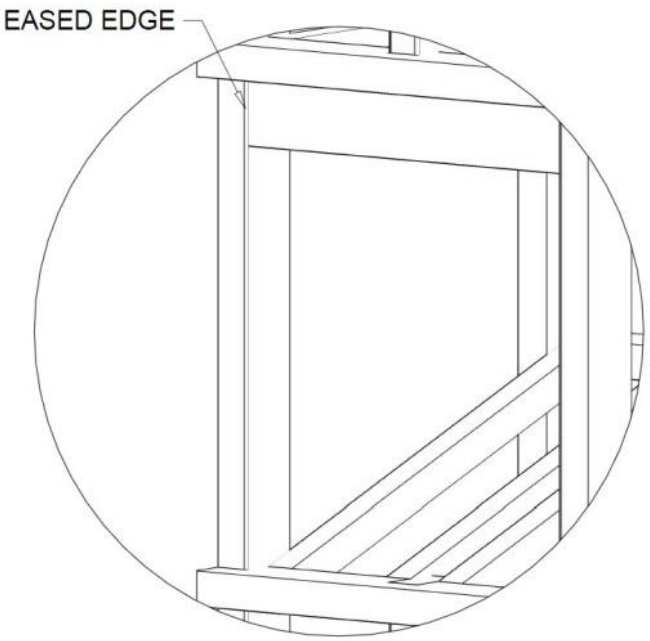
6. Locate the light valance and check its fit in the wine rack by positioning it between the left and right ladders, trim if necessary (See Figure 7). **Note the countersunk holes on the bottom edge of the light valance.**

Figure 7: Check the fit of each Light Valance – trim if necessary



7. Place the light valance set back from the eased edge of the front upright and fasten by screwing or bradding through the upright into the end of the valance. For additional support, screw through the countersunk holes on the bottom of the light valance into the spacer bar located above (See Figure 8).

Figure 8: Affixing the light Valance location



8. Congratulations the Straight Ladder Rack assembly is complete.

Radius Ladder Racking

Figure 9: Curved/Radius Corner Rack

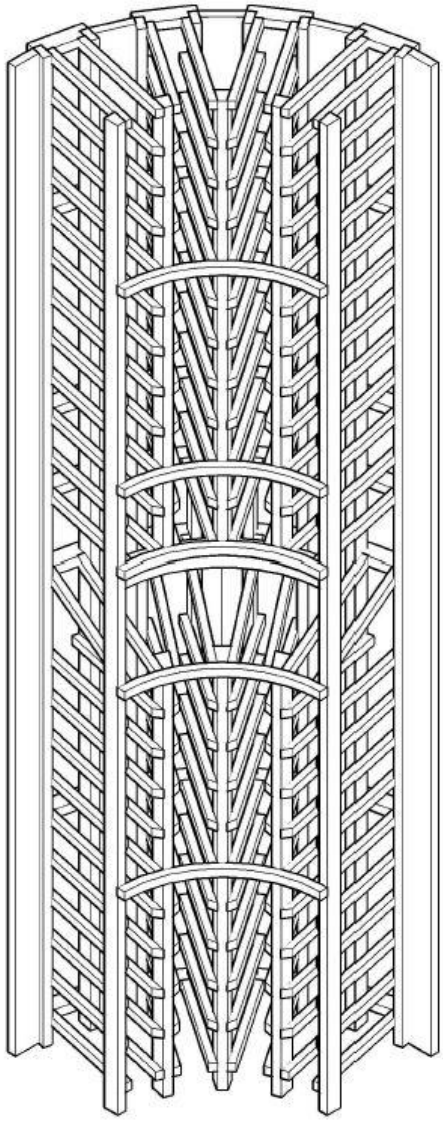
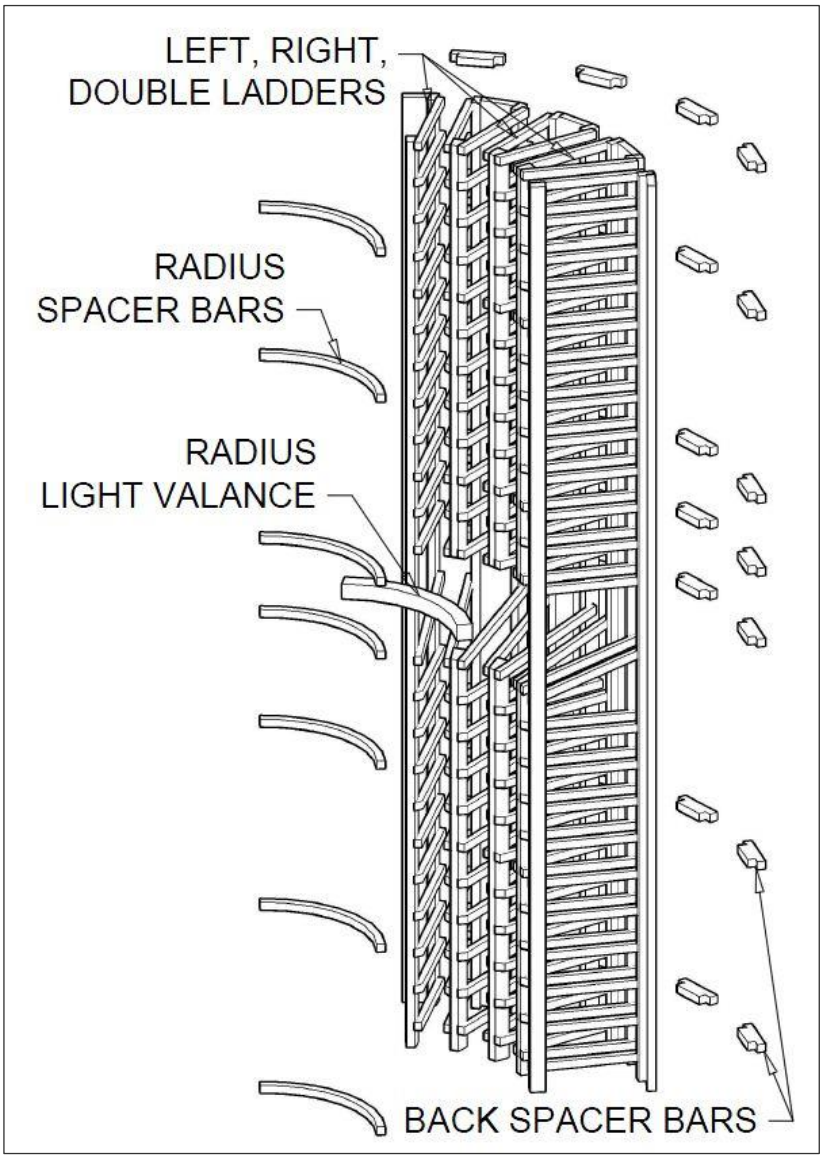


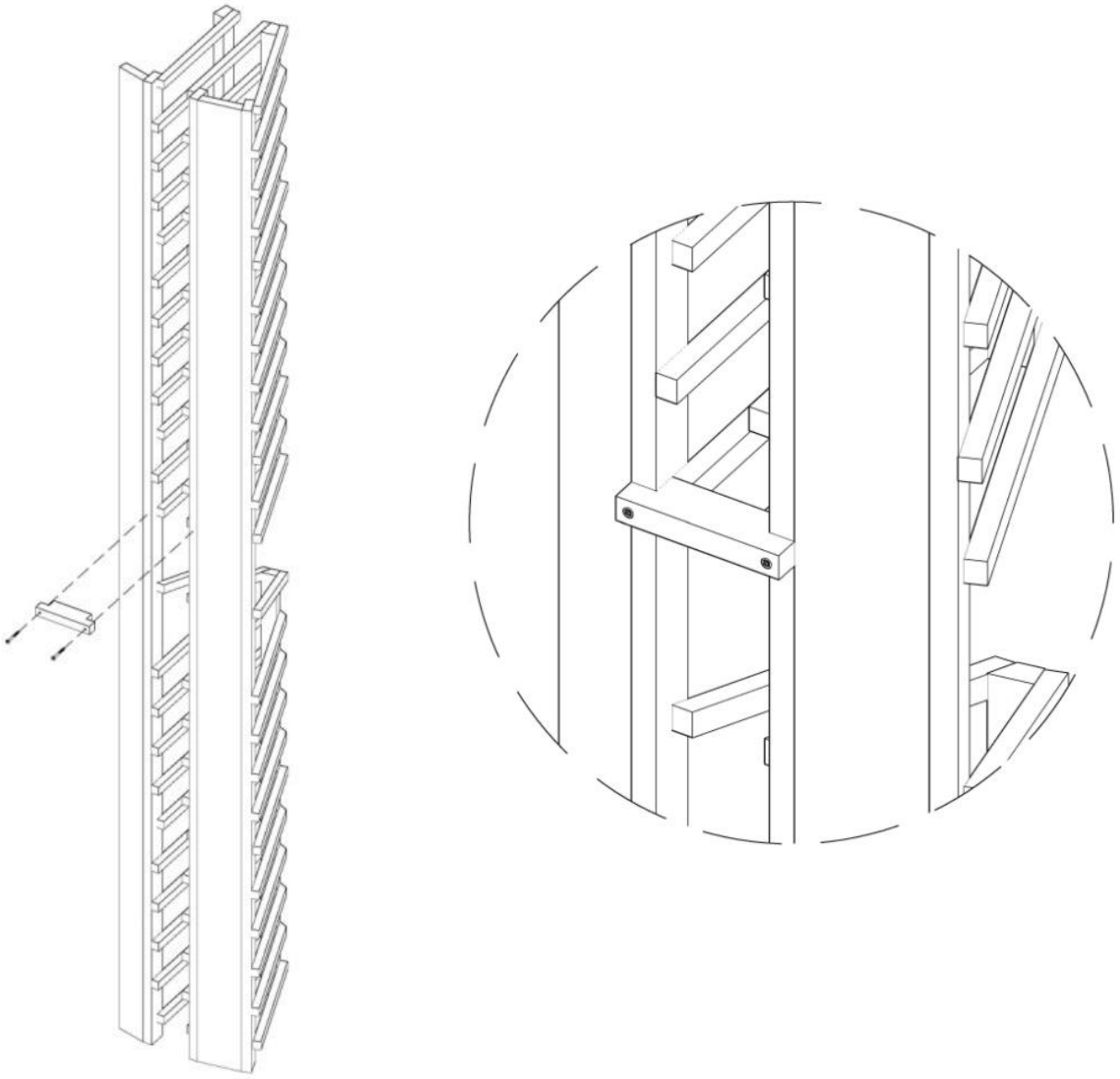
Figure 10: Curved/Radius Wine Rack Components



Vigilant Radius Racks are a bit challenging and not recommended for beginners. We suggest that you familiarize yourself with Vigilant's straight ladder racking before tackling this item. The radius rack includes left, right and double ladders, radius and back spacer bars and a radius light valence. It's important to note that this item will require cutting the radius spacer bars to the proper size for assembly.

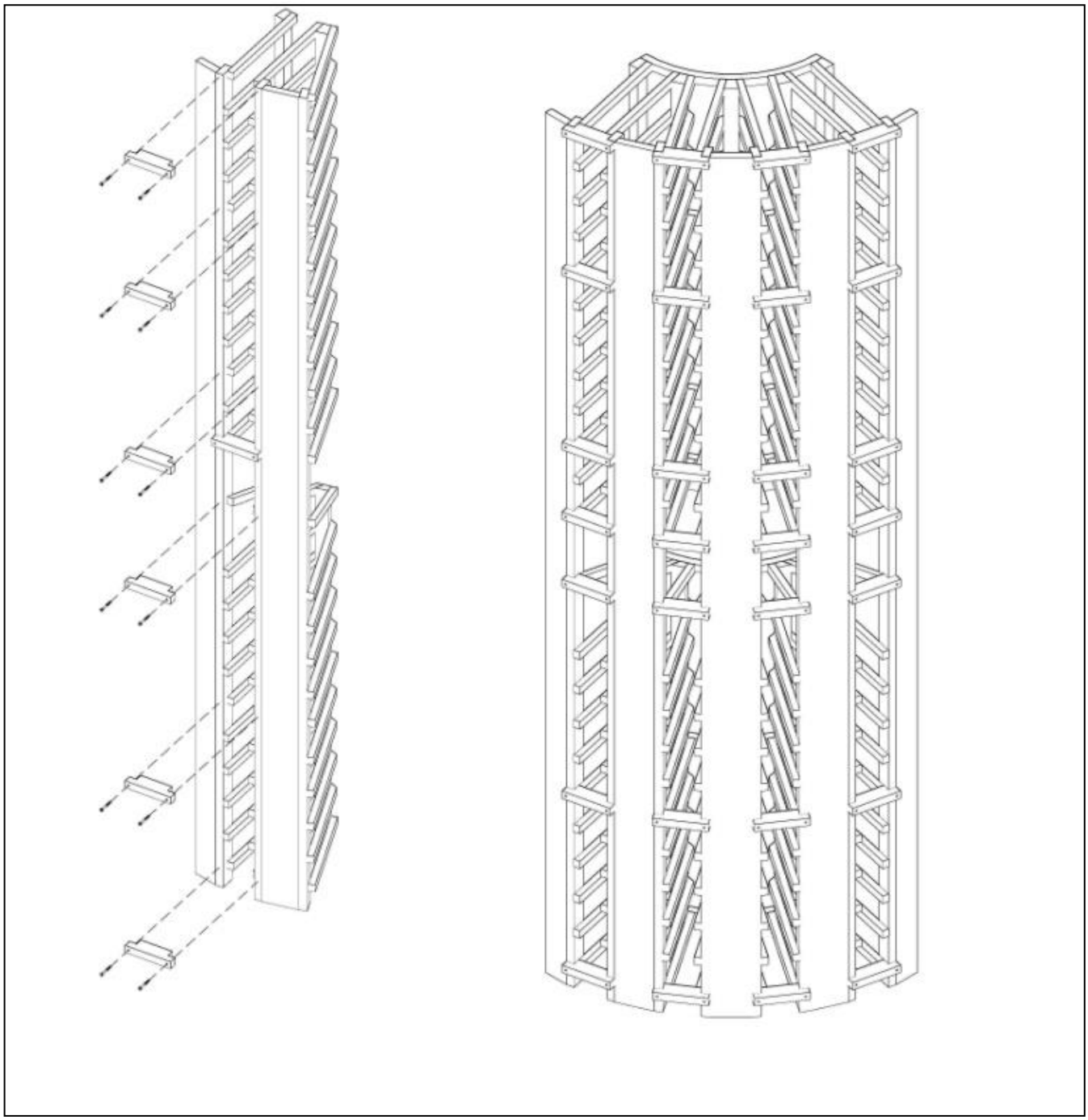
1. Locate all the parts identifying all ladders, back spacer bars, radius light valance, and radius spacer bars.
2. With ladders standing up, attach a back spacer bar to the back of the ladders using the supplied screws (See Figure 11). It is important to pre-drill the holes before screwing into the wood to avoid splitting the ends of the spacer bars.

Figure 11: Affix a back Spacer Bar to the back of the Ladders with Screws



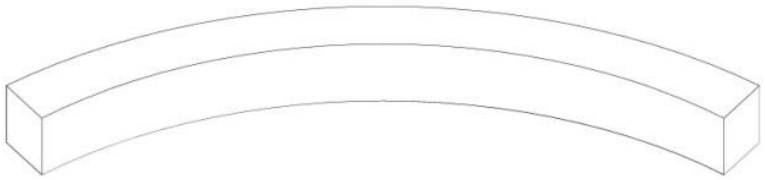
3. Repeat step 2 until all back spacer bars are affixed at all locations.

Figure 12: Affix all back Spacer Bars to the back of the Ladders with Screws



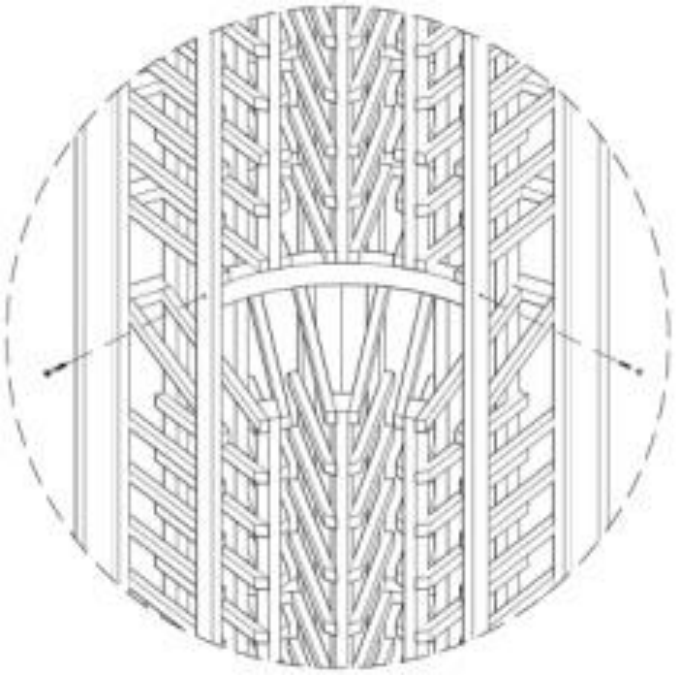
4. Now it's time to assemble the front of the rack. To do this, locate the radius light valance. Its measurements are 1 1/2" square ends and should measure approximately 15" across the face of the piece from point to point. (See Figure 13). **Note: This piece has been cut to fit and requires no additional trimming, doing so will result in a wine rack that does not open 90 degrees**

Figure 13: Radius Light Valance



5. Holding the radius light valance between the left and right ladder with its face flush to the front edge of the uprights, pre-drill through the uprights of the ladder and into the ends of the radius light valance. Screw valance into place (See Figure 14).

Figure 14: Attach the Radius Light Valance to Left & Right Ladders

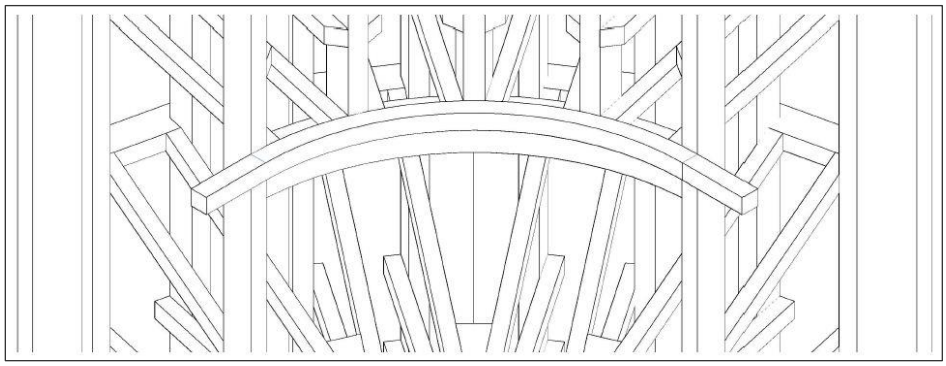


6. The width of the front of your rack has now been determined. Take this measurement and write it down as you will need it to ensure the face of your rack measures equally at the top, middle, and bottom locations.
7. Pre-drill a hole through the bottom of the radius light valance at the center ladder location and screw into the bottom of the middle ladder. Verify the middle ladder is centered before pre-drilling by measuring from the left and right ladder. You may have to push the ladder forward or backward to make the radius light valance flush with the front upright.

8. Repeat step 6 for the middle ladders verifying their center location by measuring between a side ladder and the previously attached middle ladder. You may have to push these ladders forward or backward to make the radius light valance flush with the front upright.

9. Position one of the radius spacer bars at the spacer location just above the radius light valance (See Figure 15). Using a clamp, squeeze it tight to the face of the rack and mark where the outside edge of the left and right ladders are. Remove the spacer bar from the face of the ladder and cut at the marked locations.

Figure 15: Position a Radius Spacer Bar Placement above Light Valance



10. Using the spacer bar cut to length in step 9 as a template, mark and cut the remaining spacer bars.

11. Attach the cut spacer bar with brad nails or screws. If screwing, pre-drill through the face of the spacer bar first to ensure you don't split the wood.

12. Repeat step 11 at all other radius spacer bar locations**. Note: it is common that the very top and bottom locations do not get spacer bars, this is where you will attach trim.**

13. Congratulations the Radius Ladder rack assembly is complete.

Diamond Bins

Figure 16: Assembled Diamond Bin

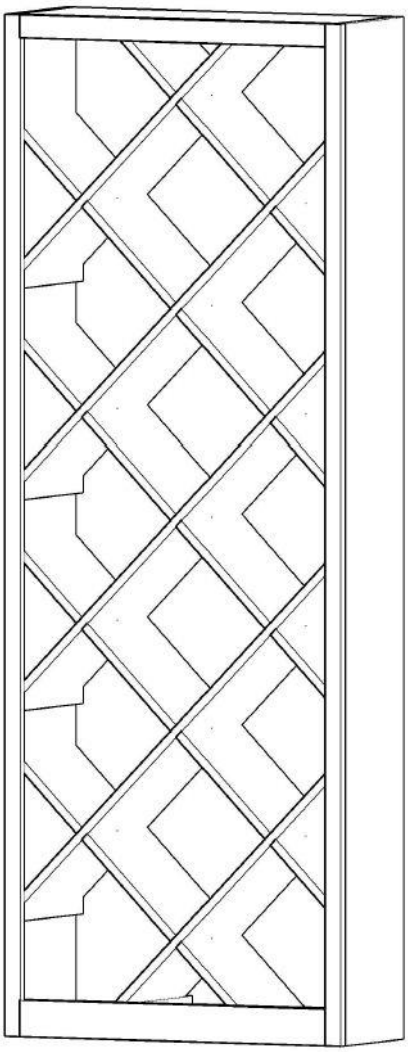
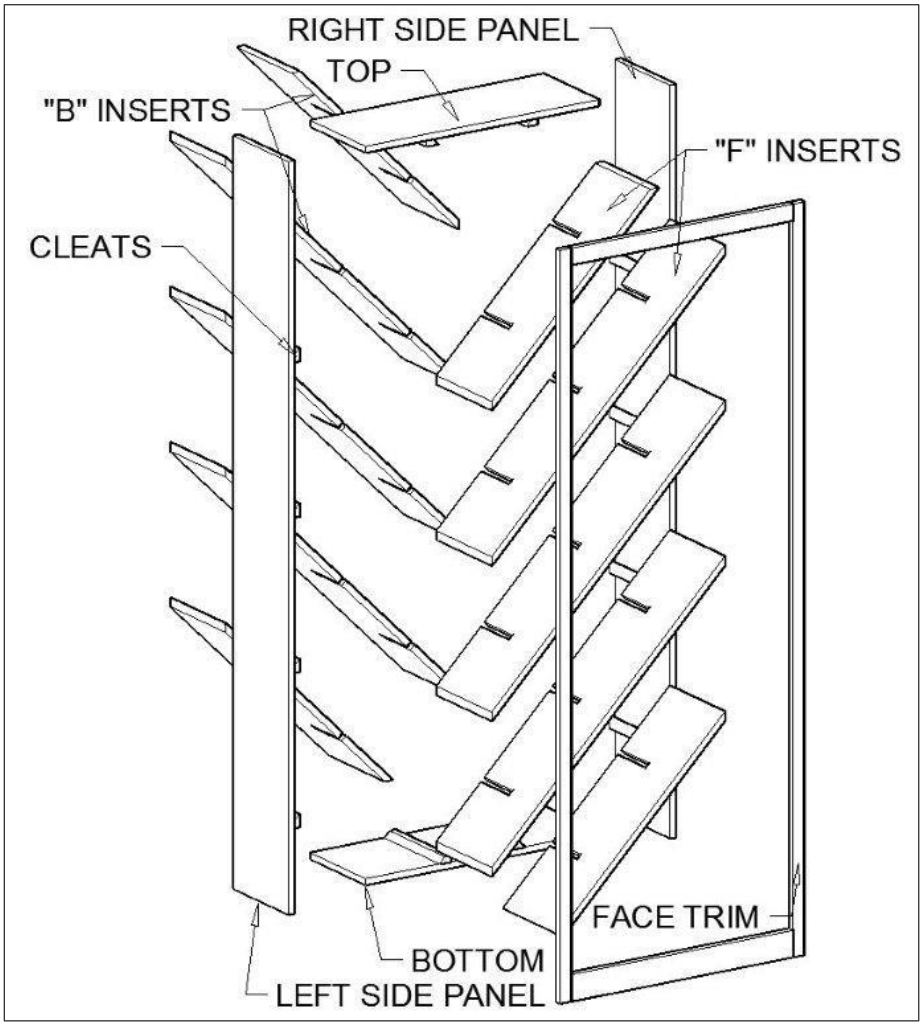


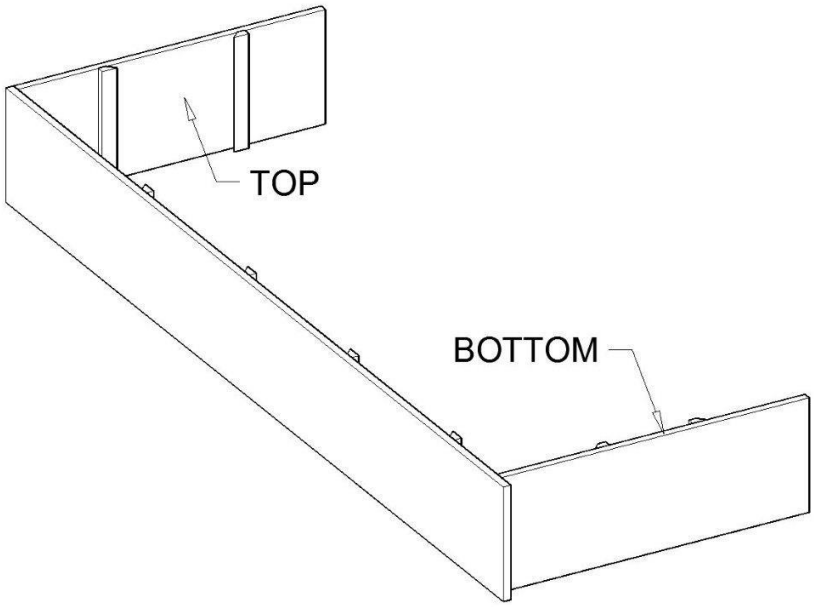
Figure 17: Diamond Bin Components



Diamond Bins are constructed using a top, bottom, side panels, inserts, and face frame. Using the diagram above familiarize yourself with the parts. Please note the "F inserts" have a solid edge band and travel from lower left to upper right corner. The "B inserts" have a broken edge band and travel from lower right to upper left corner. The cleats attached to the carcass panels help hold the inserts in place. The inserts will fit in the carcass tightly and no cutting is required to make them fit.

1. Locate the top, bottom, and side panels.
2. Position one side panel on its back edge (non-edge banded) and with the top and bottom panels positioned correctly, pre-drill through the side panel into the ends of the top and bottom panels and screw into place (See Figure 18).

Figure 18: Connecting the Diamond Bin Panels



3. Repeat step 2 for the other side panel.
4. Stand the diamond bin up making sure the bottom panel is on the bottom.
5. Locate your "B" inserts and verify their measurements and orientation to your cutlist drawing.
6. Carefully slide them into the carcass so that banded edges are flush. Affix them to the carcass by bradding through the ends of the inserts into the carcass (See Figure 18 on next page).
7. Locate your "F" inserts and verify their measurements and orientation to your cutlist drawing.
8. Carefully slide them into the carcass so that banded edges are flush. The "F" insert will slide into broken edge bands of the "B" inserts. Affix them to the carcass by bradding through the ends of the inserts into the carcass (See Figure 19 on next page).

Figure 19: Slide ‘B’ Inserts into the Bin Carcass

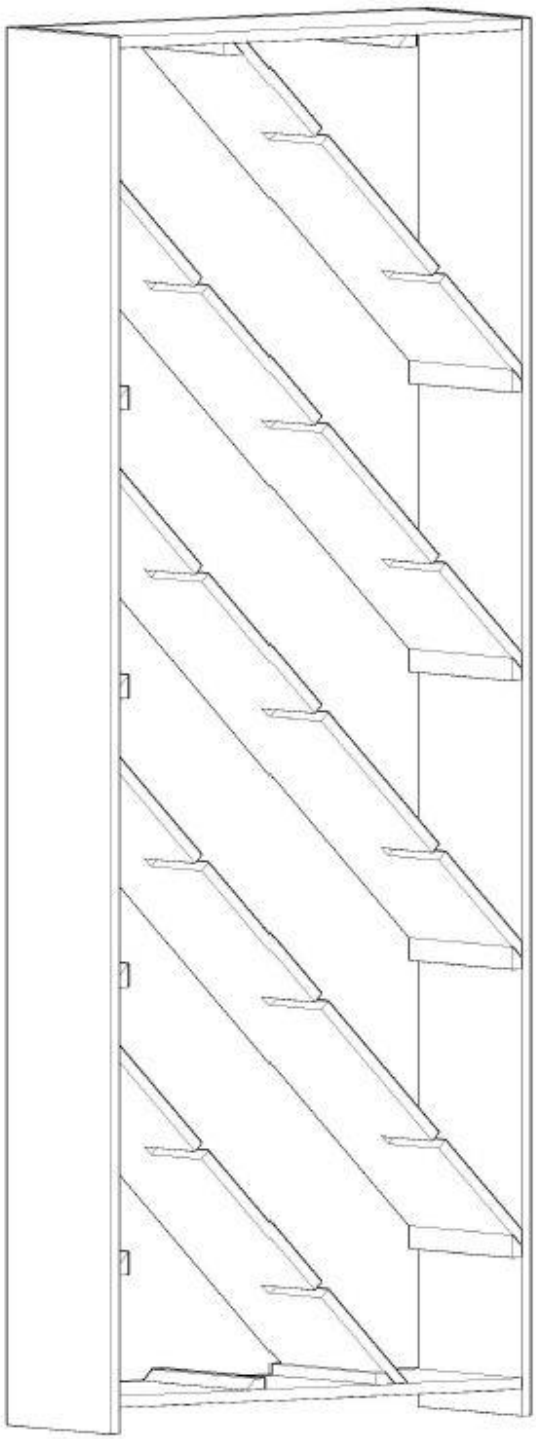
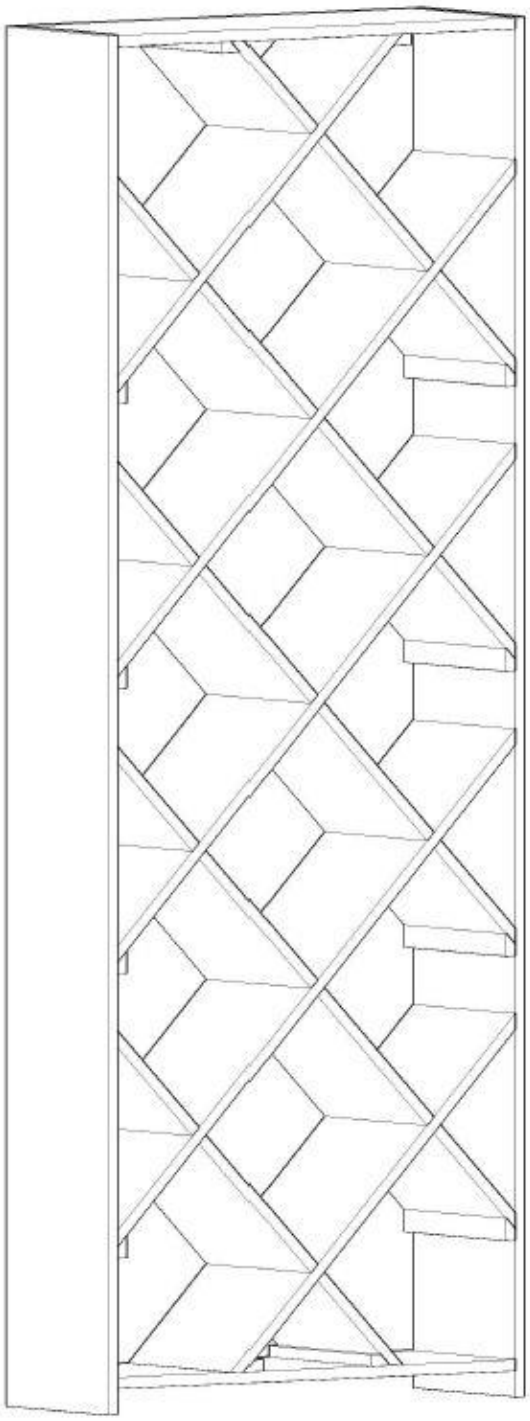
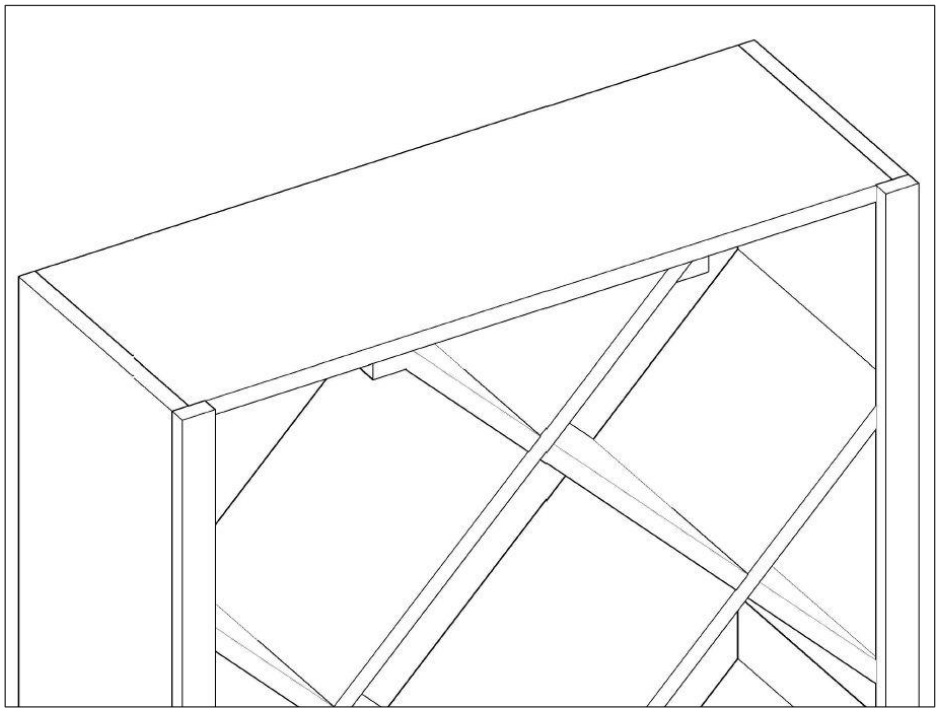


Figure 20: Slide ‘F’ Inserts into the Bin Carcass & ‘B’ Inserts



9. Locate and verify the face trim pieces.
10. Using a brad nailer, affix side face frame pieces to the face of the diamond bin (See Figure 21).

Figure 21: Affix Face Trim Pieces



11. Repeat step 10 for the top and bottom pieces. **Note: Trimming the top and bottom pieces is typically required.**
12. Congratulations the Diamond Bin assembly is complete.

Solid Rectangular Bins and Diamond Cubes

Figure 22: Solid Rectangular Bin

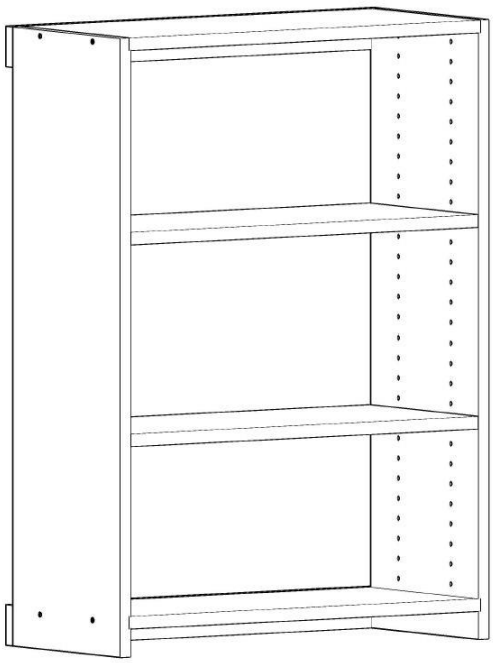


Figure 23: Solid Rectangular Bin Components

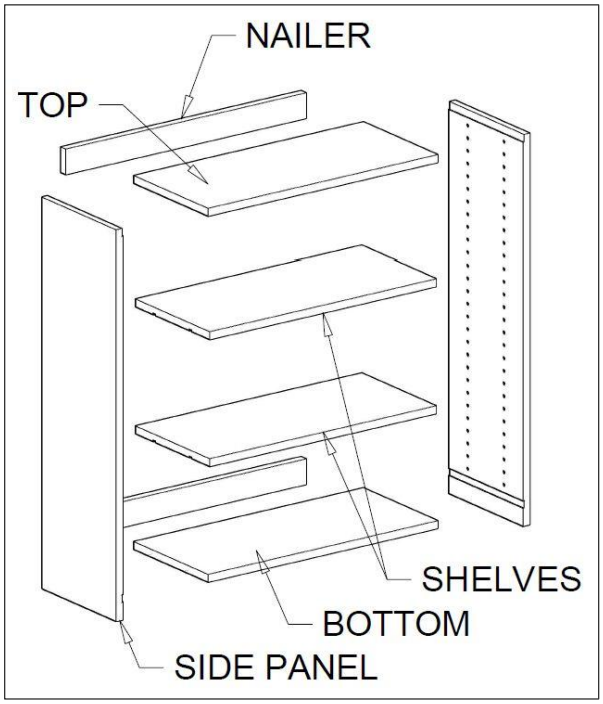


Figure 24: Diamond Cube

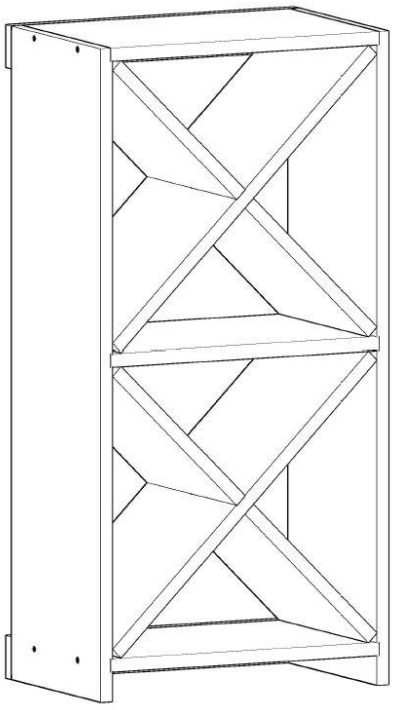
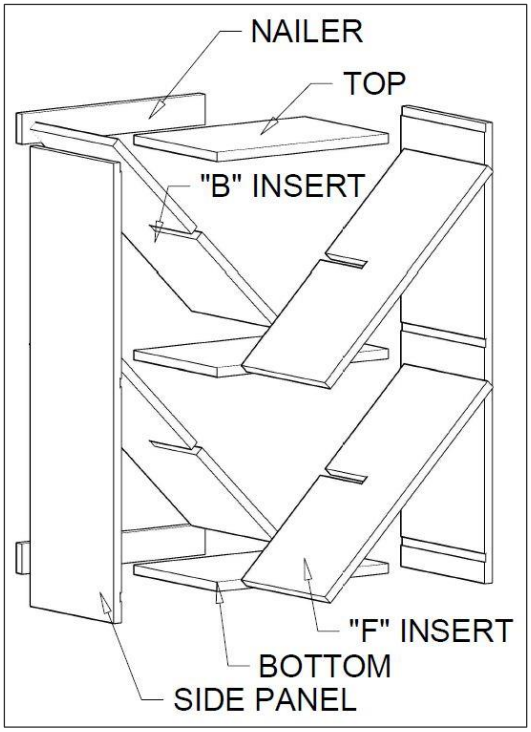


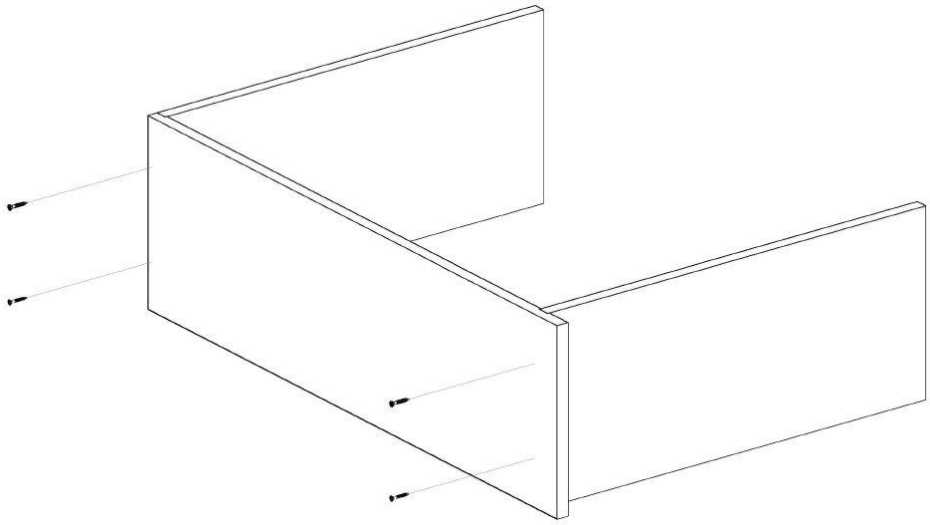
Figure 25: Diamond Cube Components



These two components are very similar in construction and have been grouped together to minimize redundancy. Please familiarize yourself with the parts in the images above. The instructions will detail the assembly of a Solid Rectangular Bin and call out the Diamond Cube steps as needed.

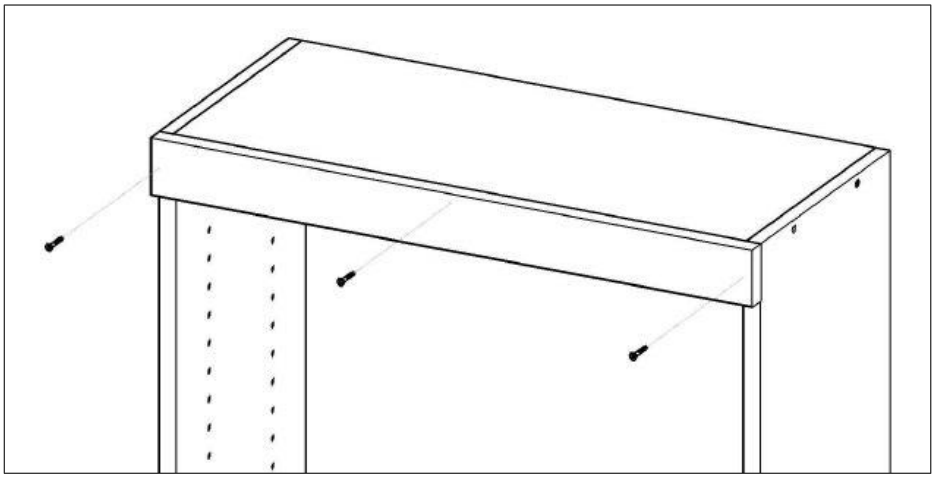
1. Locate the top, bottom, and side panels.
2. Position one side panel on its back edge (non-banded edge) and with the top and bottom panels positioned correctly, pre-drill through the side panel into the ends of the top and bottom panels and screw into place (See Figure 26). For Diamond Cubes, insert mid-shelf panel into dado (groove) and secure with screws.

Figure 26: Attach Top and Bottom Panels to Side Panel



3. Repeat step 2 for the other side panel.
4. Stand the Solid Rectangular Bin up on its feet.
5. Locate the nailers and while holding them to the back of the bin, pre-drill them in three locations and affix with screws (See Figure 27).

Figure 27: Affix Nailers to back of Bin with Screws



6. After the unit has been constructed, insert supplied shelf pins at desired pre-drilled holes and place shelves on top of four even pins. For Diamond Cubes, insert and overlap pieces "F" and "B" once the unit has been installed.
7. Congratulations the Solid Rectangular Bin or Diamond Cube assembly is complete.

Bottle Cubbies

Figure 28: Bottle Cubbie with nailers only

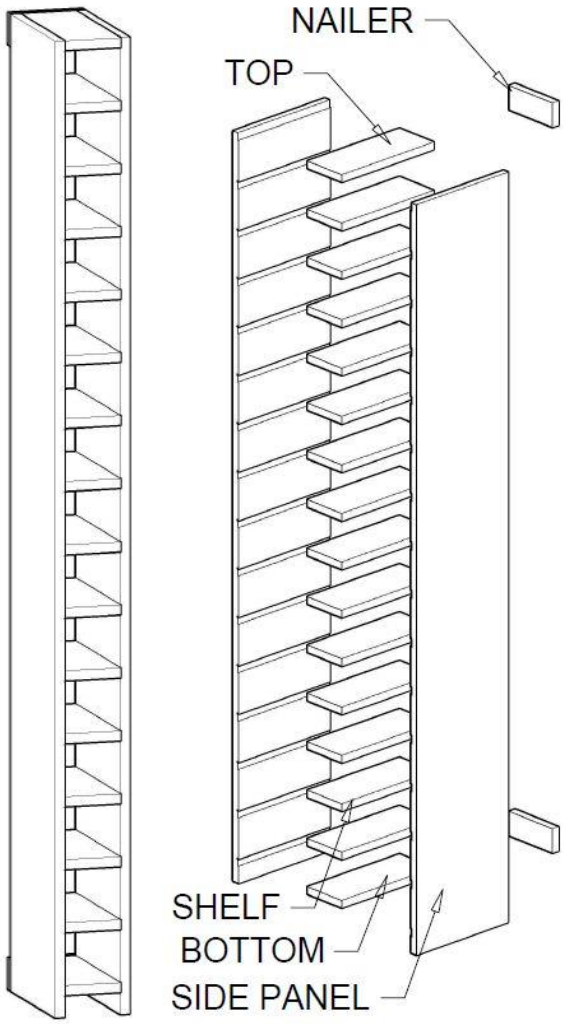
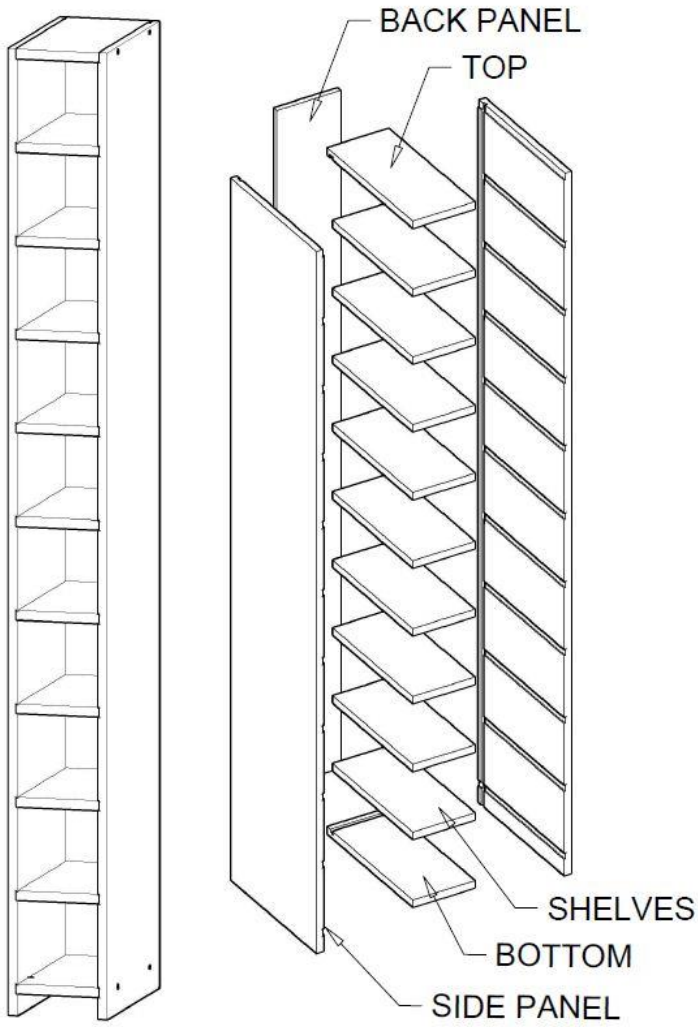


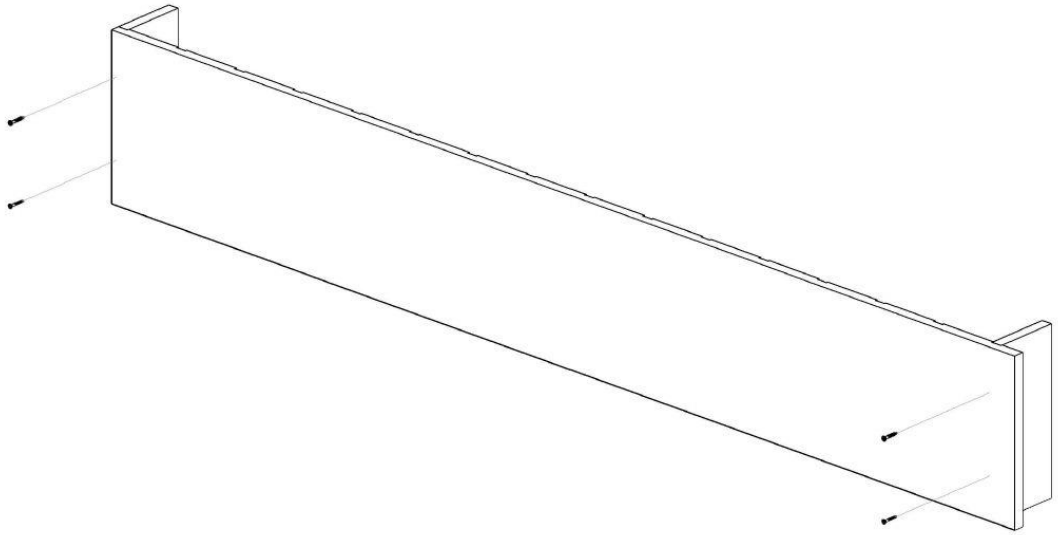
Figure 29: Bottle Cubbie with a solid back panel



Bottle Cubbies can vary in design based on the aesthetic that was chosen. Some have a solid back panel where others incorporate smaller nailer pieces that attach to the wall. Please familiarize yourself with the parts in the images above for the cubbie you are assembling. The following instructions will detail the assembly of a Bottle Cubbie with nailers and will make references to the solid backed panel version as needed.

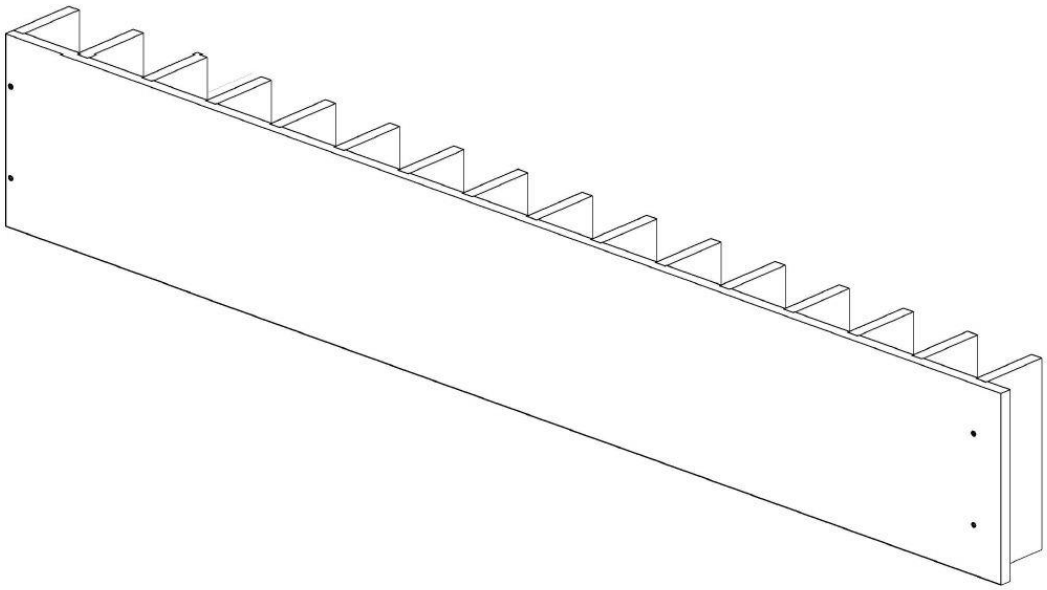
1. Locate the top, bottom, and side panels.
2. Position one side panel on its back edge (non-banded edge) and with the top and bottom panels positioned correctly, pre-drill holes through the side panel into the ends of the top and bottom panels and screw into place (See Figure 30).

Figure 30: Attach Top and Bottom Panels to Side Panel



3. Locate all shelves and using a brad nailer or screws, affix them through the side panel (See Figure 30).-

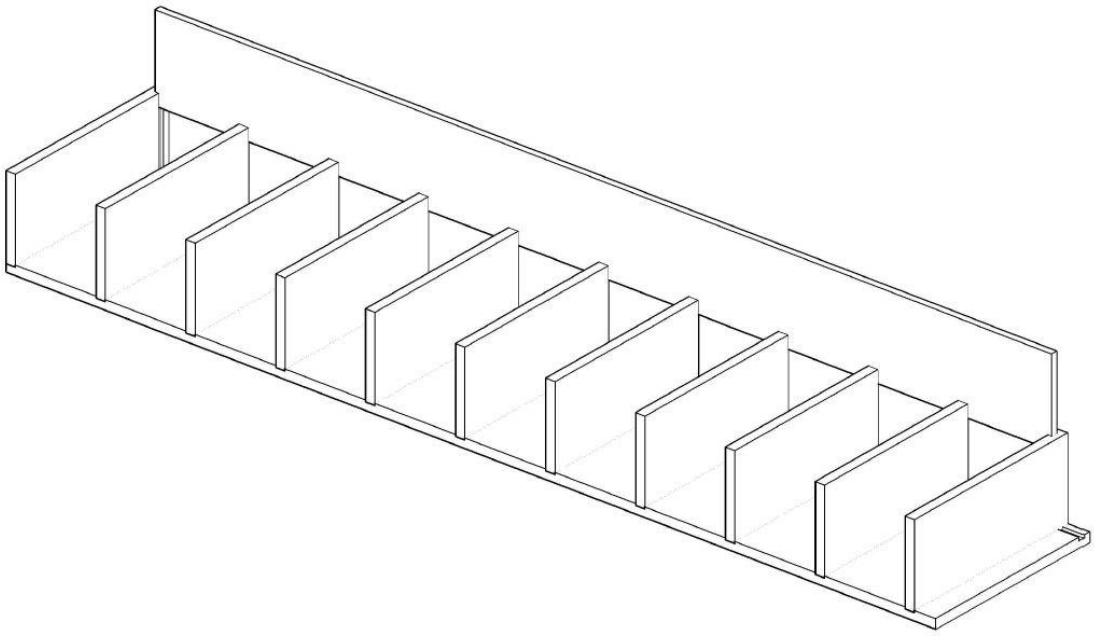
Figure 31: Attach Top and Bottom Panels to Side Panel



4. Turn the unit onto the side that you just assembled everything to.

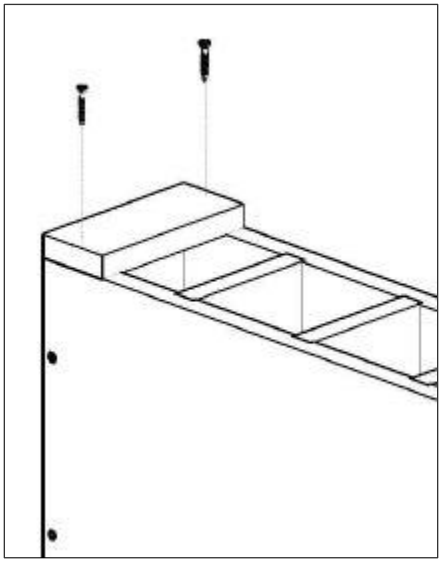
5. If you have a Bottle Cubbie with a back panel slide it into the pre-existing dado. (See Figure 32).

Figure 32: Attach Bottle Cubbie Back Panel (if supplied)



6. Repeat steps 2 and 3 with the assembly laying on its side.
7. Locate the nailers and while holding them to the back of the bin, pre-drill each in two locations and affix with screws (See Figure 33).

Figure 33: Attach Top & Bottom Nailers



8. Congratulations the Bottle Cubbie assembly is complete.

Vertical Displays and Angled Vertical Displays

Figure 34: Vertical Display

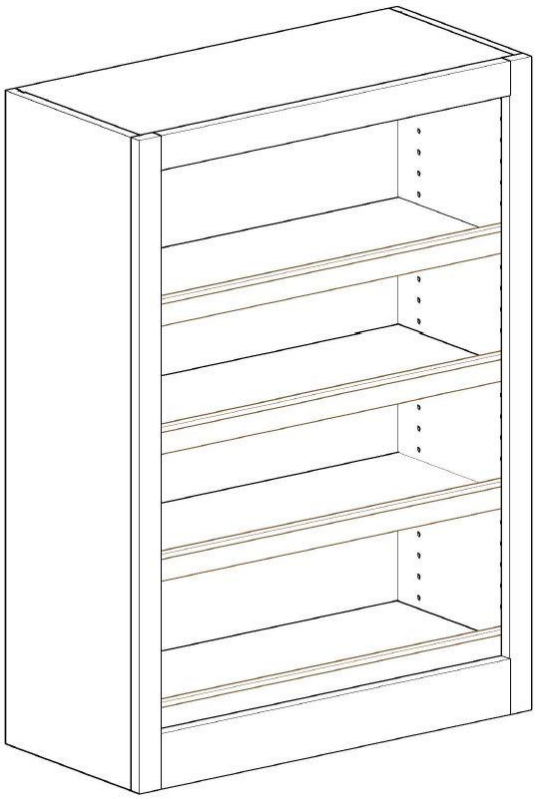


Figure 35: Vertical and Angled Display Components

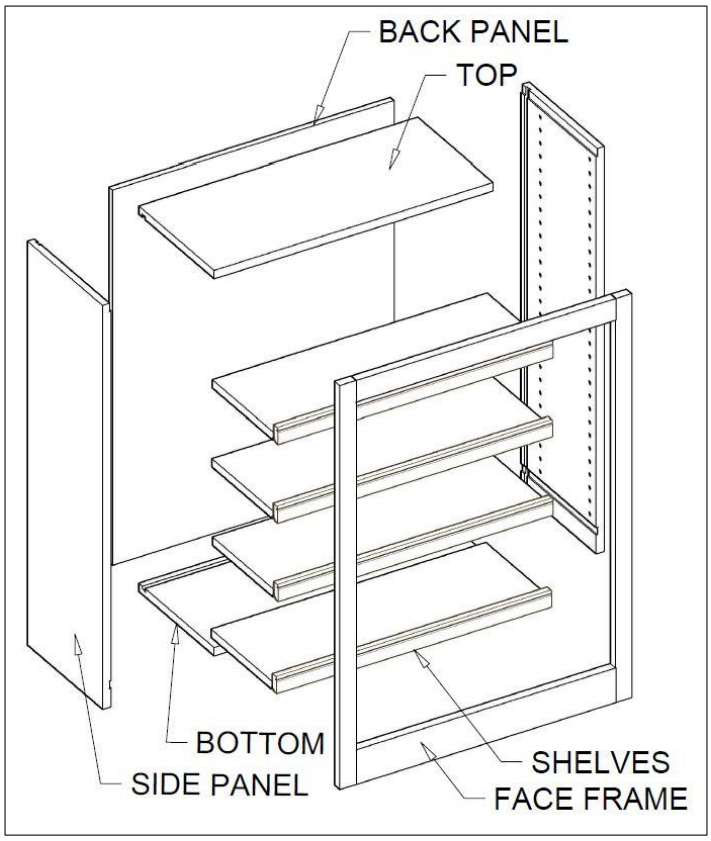
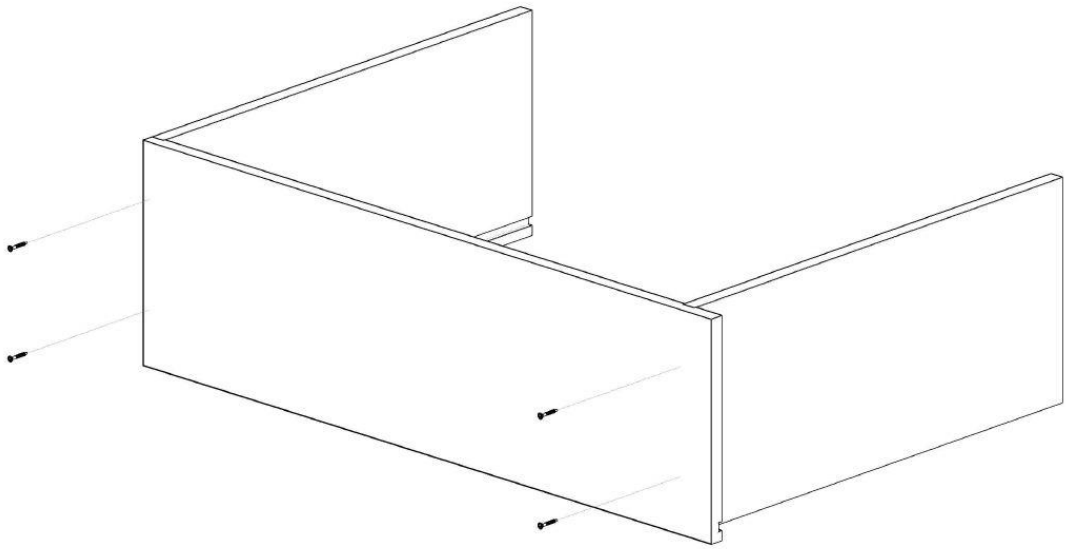


Figure 36: Angled Vertical Slotted Display Shelves

Vertical and Angled Vertical Displays are similar except as the name suggests, an Angled Vertical Display has slotted shelves that get angled at the time of installation. Both have adjustable shelves, a captured back panel, and face frame.

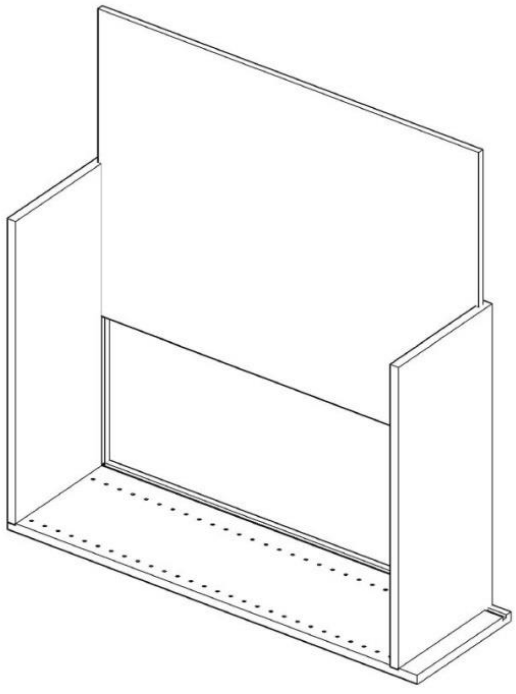
1. Locate the top, bottom, and side panels.
2. Position one side panel on its back edge (non-banded edge) and with the top and bottom panels positioned correctly, pre-drill through the side panel into the ends of the top and bottom panels and screw into place (See Figure 37).

Figure 37: Attach Top and Bottom Panels to Side Panel



3. Turn the unit onto the side that you just assembled and insert the back panel (See Figure 38).

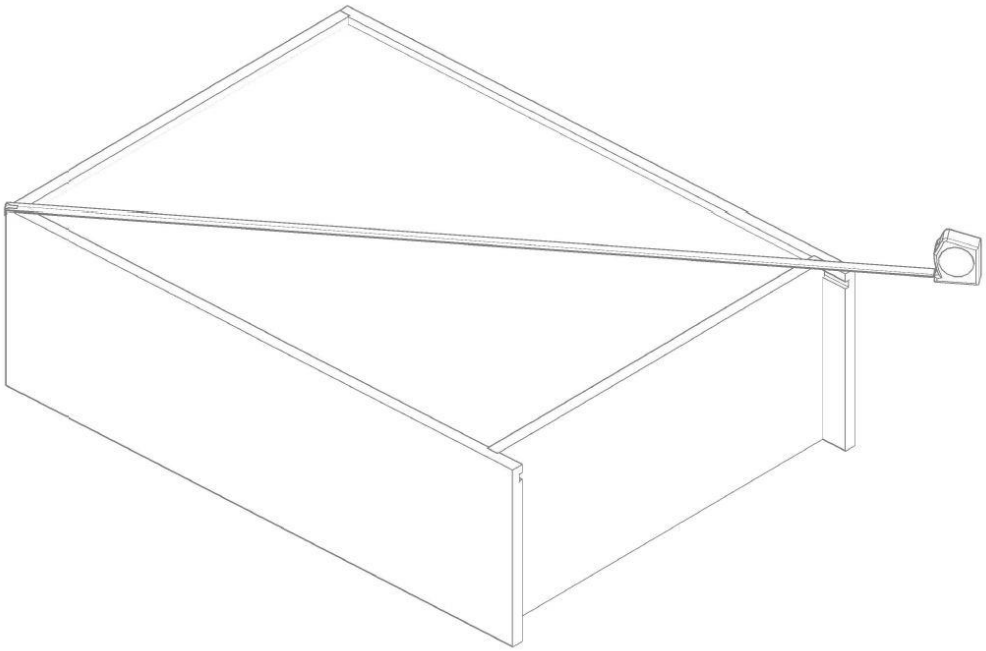
Figure 38: Insert Back Panel



4. With the unit positioned on its side, repeat step 2 for the other side panel.

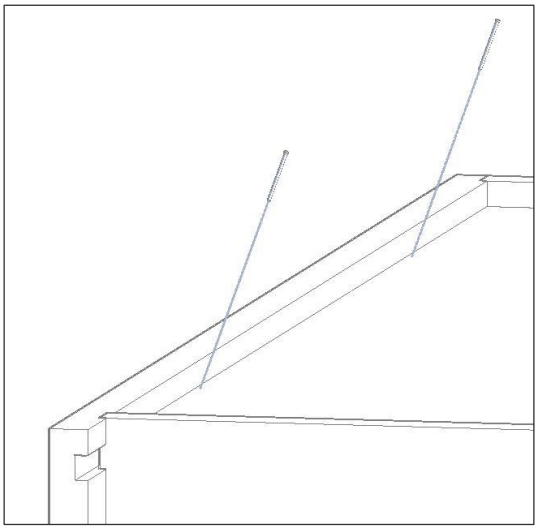
5. Turn the unit onto its face edge and square up the carcass by applying pressure to opposing corners until the two diagonal measurements are equal. (See Figure 39).

Figure 39: Measuring Carcass Diagonally



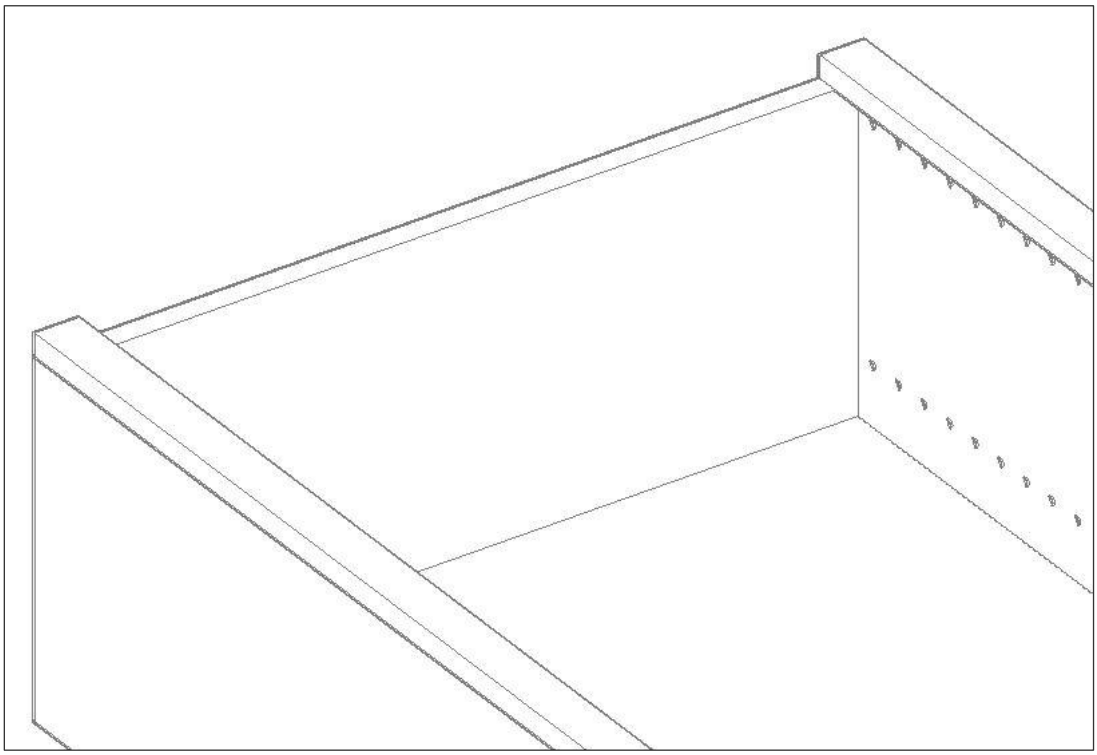
6. Fix the back panel into place by bradding at an angle through the back panel into the side panels. This should be done as needed on each vertical and horizontal edge (See Figure 40). Be careful not to brad through the side panel. Also, verify the cabinet's overall width before bradding the opposing side to make sure it will fit.

Figure 40: Bradding Back Panel into Place



7. Turn the unit onto its back and apply the side face frame pieces by bradding them to the front of the unit (See Figure 41). **Note: Trimming the top and bottom pieces is typically required.**

Figure 41: Brad Side Face Frames to Front of Unit



8. Locate the top and bottom face frame pieces and repeat step 7.
9. Fill visible brad holes with wood filler.
10. Insert the supplied shelf pin hardware into desired holes and place shelves on top of pins.
11. Congratulations the Vertical or Angled Vertical Display assembly is complete.

Quarter Round Displays

Figure 42: Quarter Round Display

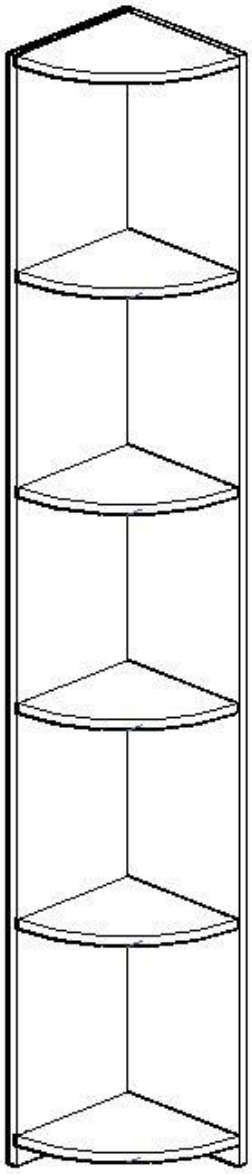
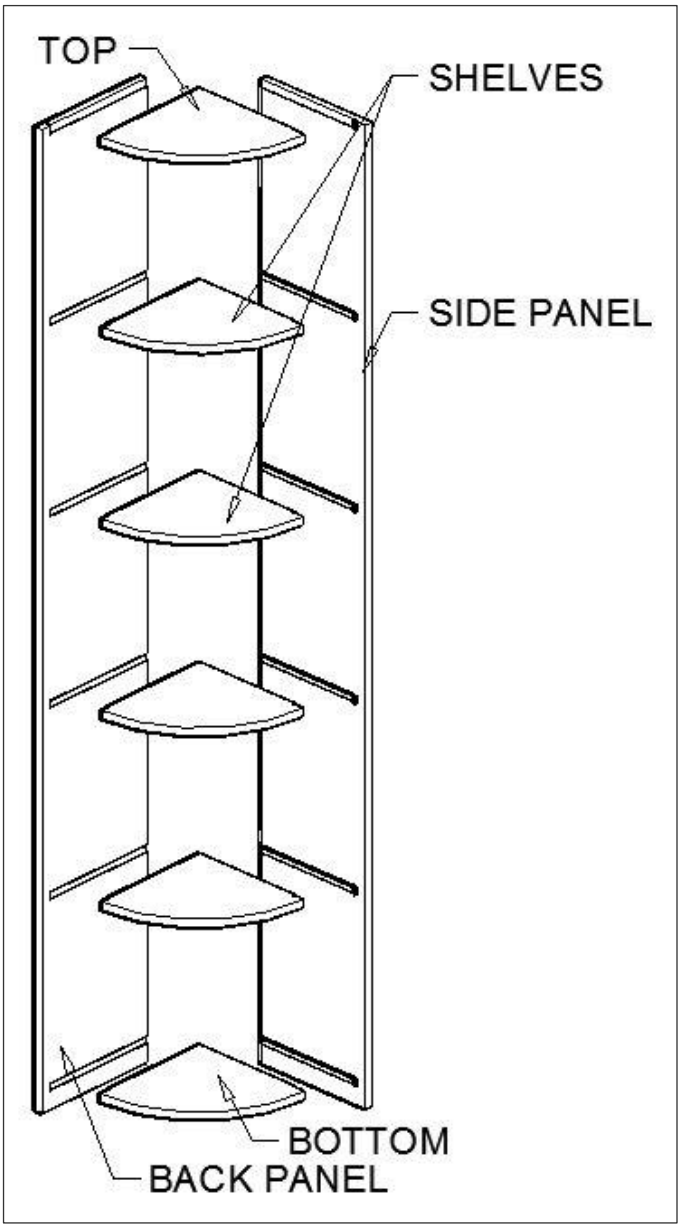


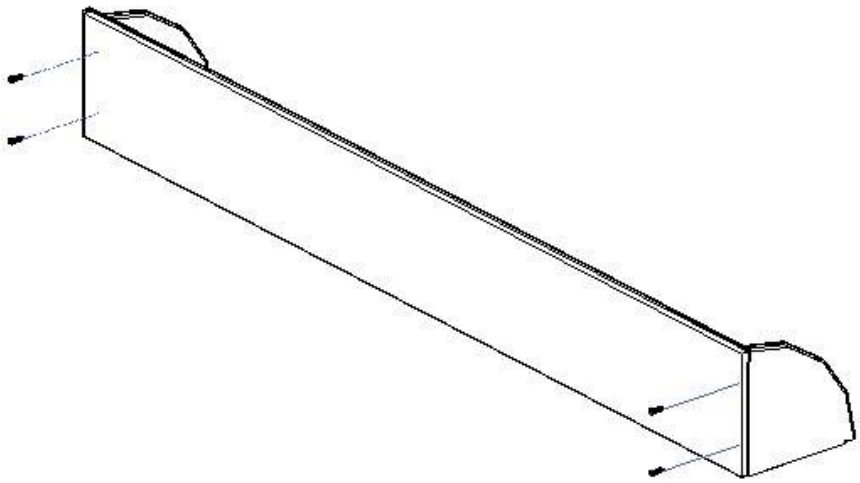
Figure 43: Quarter Round Display Components



Quarter Round Displays consist of side and back panels, top panel, bottom panel, and shelves. The side panel is applied to the wider back panel. The shelves have a smaller radius than the top and bottom panels which create a 1/4" reveal to the side and back panels.

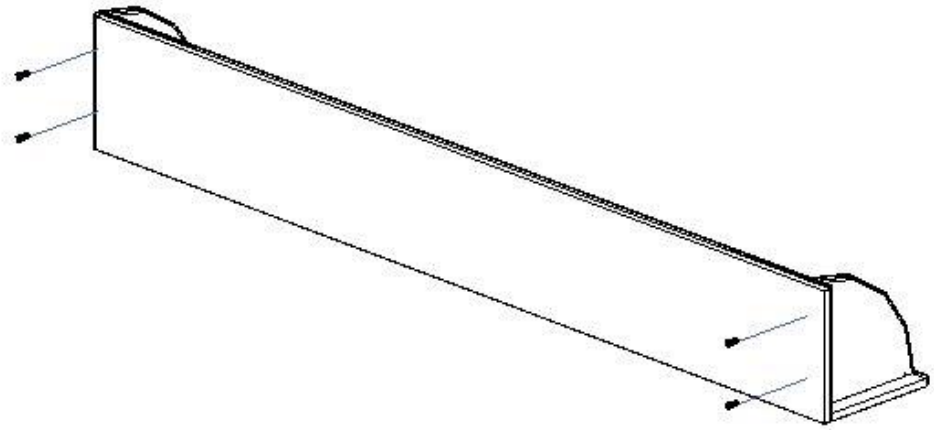
1. Locate the side panel (narrower width) and affix the top and bottom panels (See Figure 44). **Note: the face edges should be flush and 1/8" proud/protrude at the back edge.** Pre-drill before screwing to avoid material splitting.

Figure 44: Affix Top and Bottom Panels to Side Panel



2. Turn the unit onto the side you just affixed and screw the back panel (wider width) to the top and bottom panel (See Figure 45).

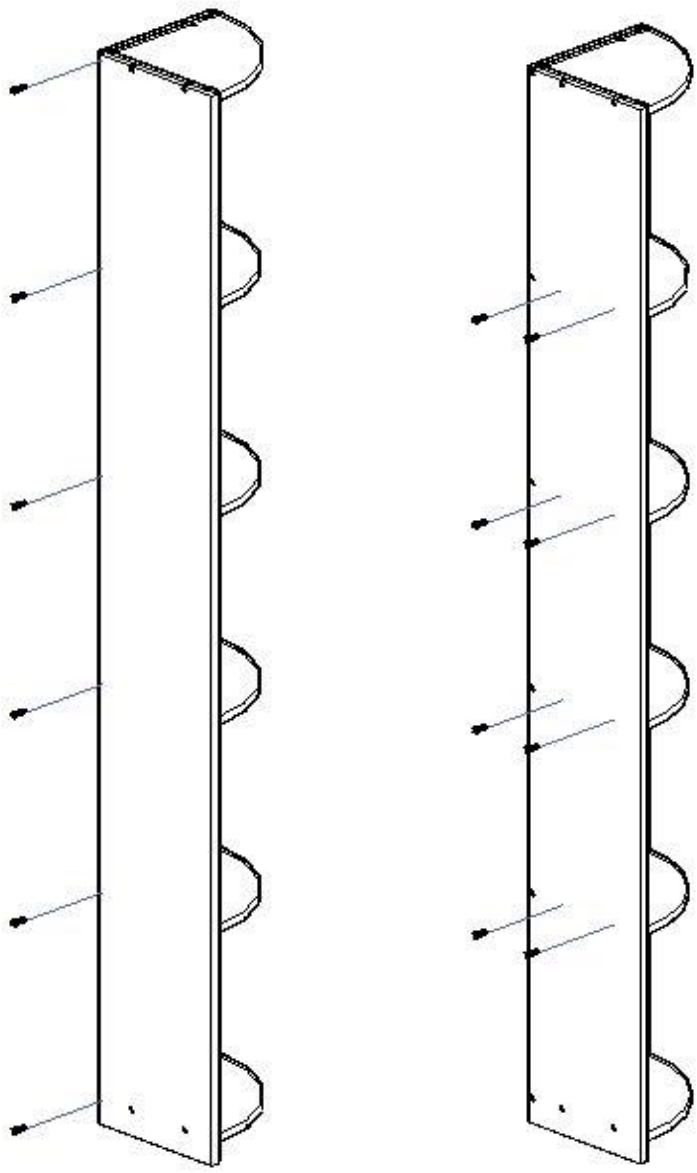
Figure 45: Affix Back Panel to previously attached Top and Bottom Panels



3. Stand the unit up on its feet. **Note: Be careful, it may be a little tippy.**

4. Affix the side panel to the back panel along the spine of the unit using the pre-drilled holes.

Figure 46: Affix Side Panel to Back Panel along Spine and Affix Shelves to Side and Back Panels



5. Locate all shelves and, one at a time, affix them to the side and back panels.
6. Congratulations the Quarter Round Display assembly is complete.

Arch Tops

Figure 47: Slatted Soffit Arch Top

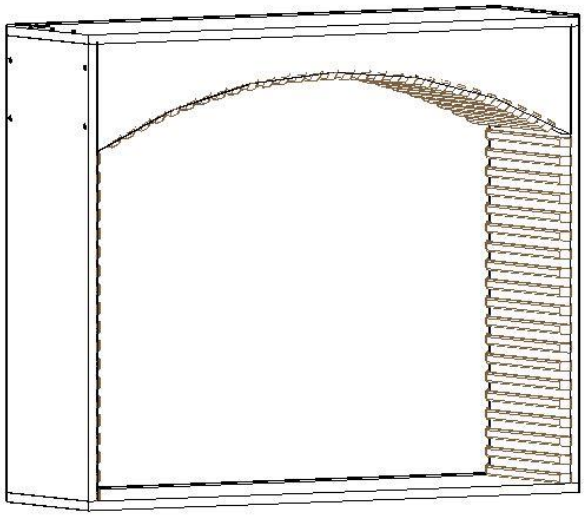


Figure 48: Bead Board Arch Top

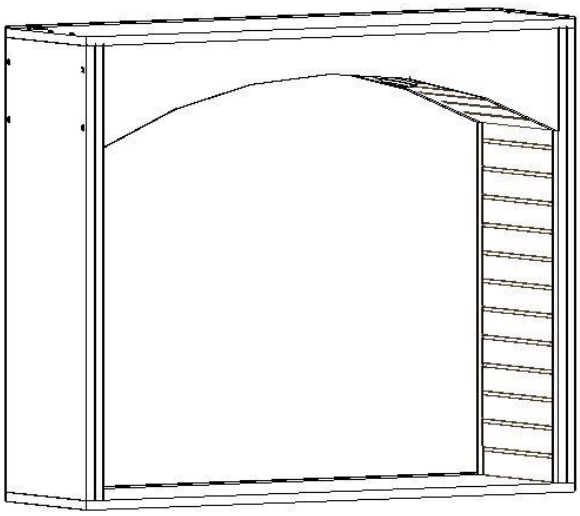
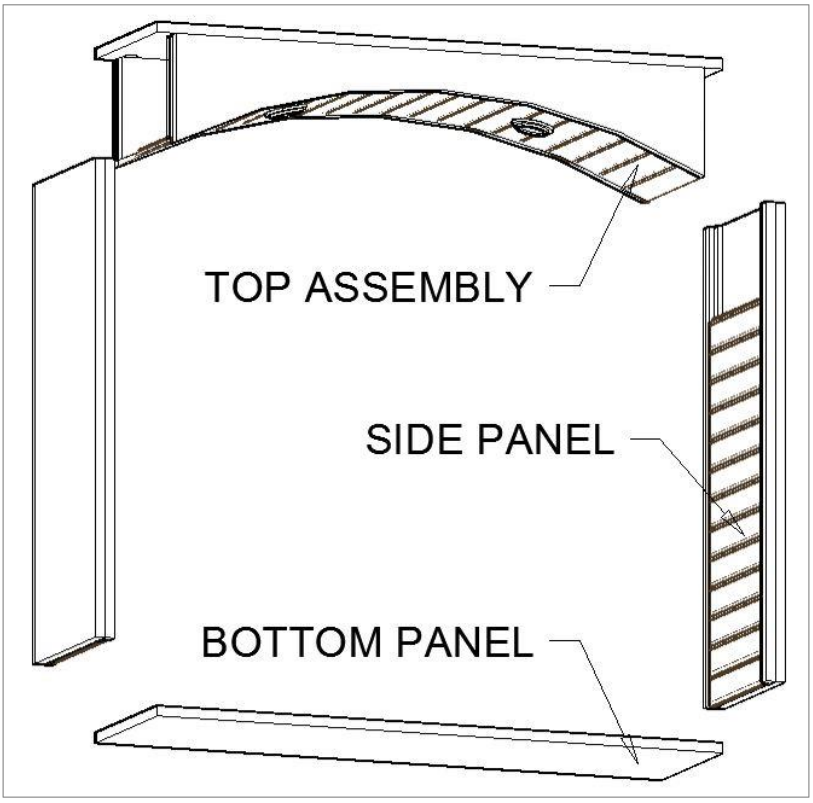


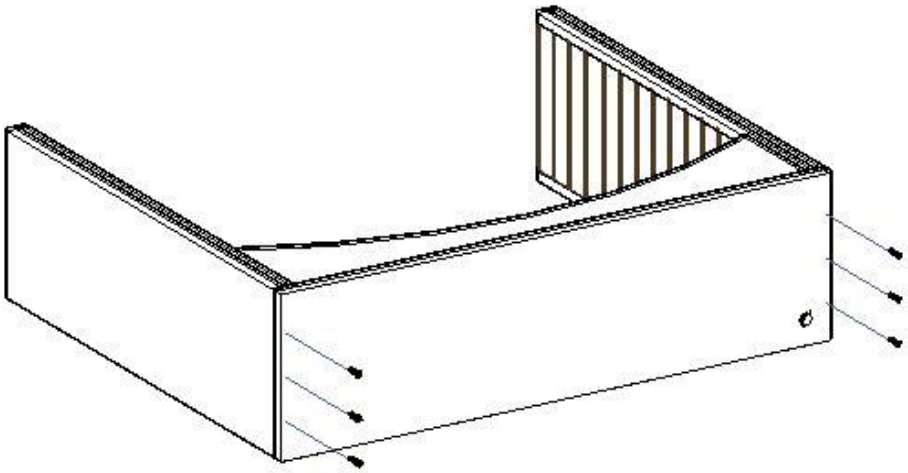
Figure 49: Arch Top Components



Arch Tops are constructed from 2 side panels, a top assembly and a back panel. **Note: There will be no bottom panel if you already have a predetermined table top the arch is connecting too.** If you have ordered an arch top with installed lighting please make note of the transformer location. Another hole may need to be drilled depending on the location of the outlet the transformer will plug into. Vigilant recommends the use of a licensed electrician when making all electrical connections.

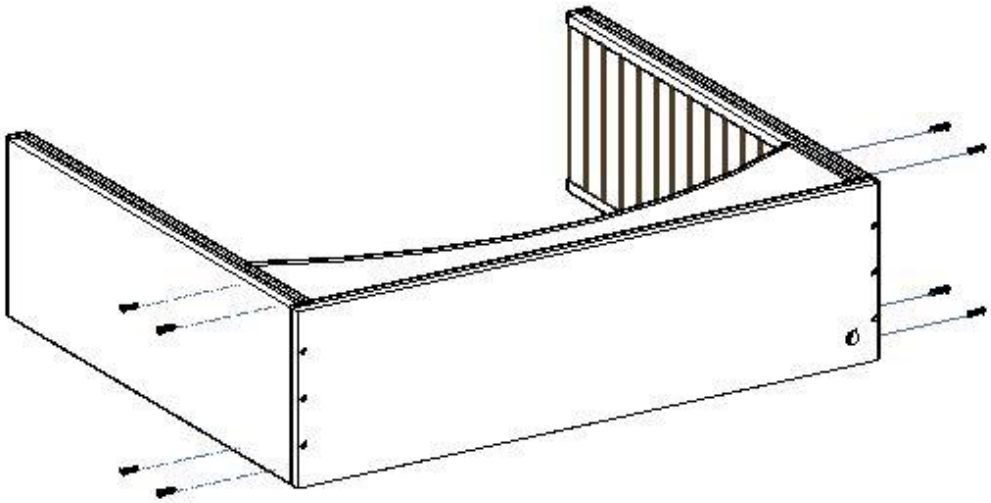
1. Locate the top assembly and 2 side panels.
2. If a pre-installed lighting kit was ordered, address all wiring in the arch before proceeding.
3. With the top assembly face side up, position the side panels so their face edges are flush with the top assembly face. Affix side panels by screwing through the top assembly into the ends of the side panels (See Figure 50).

Figure 50: Affix Side Panels to Archtop



4. Screw through the side panels into the ends of the top assembly (See Figure 51).

Figure 51: Attach Side Panels to Archtop



5. Repeat step 3 if a bottom panel was designed, if not the arch will sit directly on top of the finished table surface (separate component).
6. Congratulations the Arch Top assembly is complete.

Cabinetry

Figure 52: Cabinetry

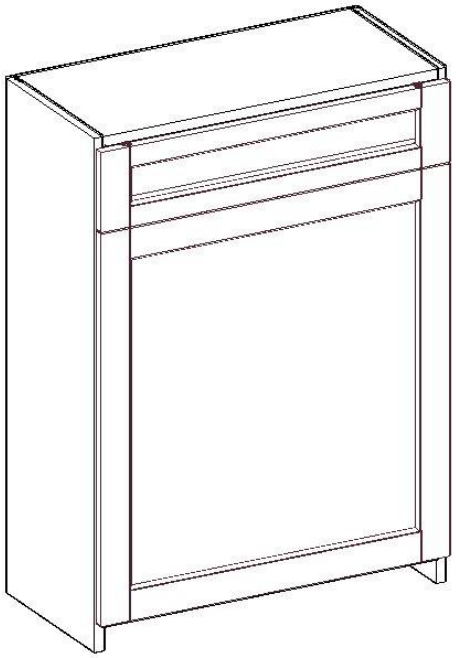
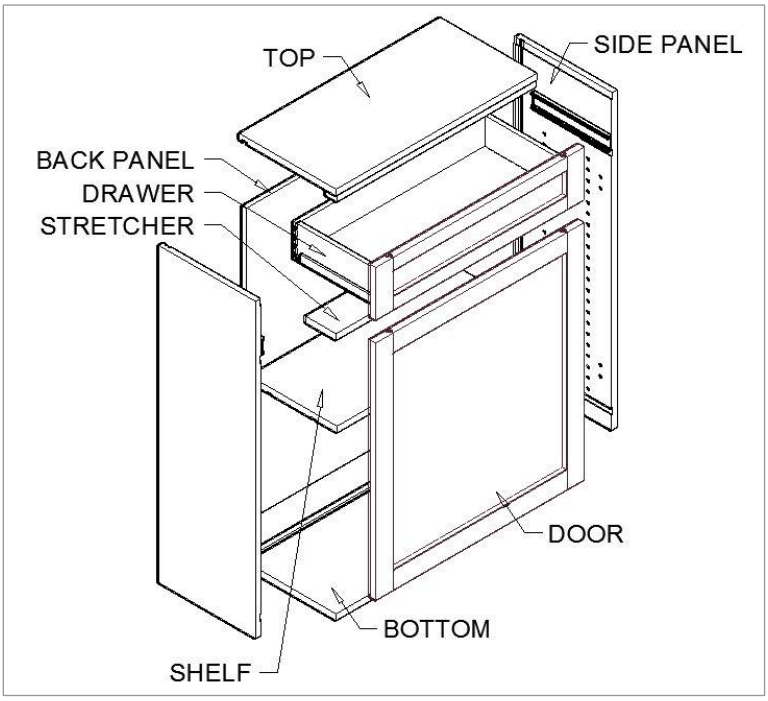


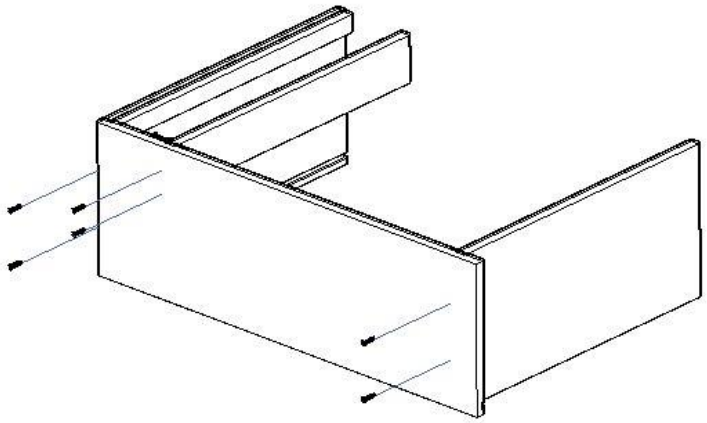
Figure 53: Cabinetry Components



This section will outline the basics of Vigilant cabinetry assembly. Take a moment to familiarize yourself with the parts and hardware before starting. Refer to other assembly instructions in this guide if your cabinetry incorporates different inserts other than a shelf. If you have questions feel free to call the Vigilant customer service team at (888) 812-4427.

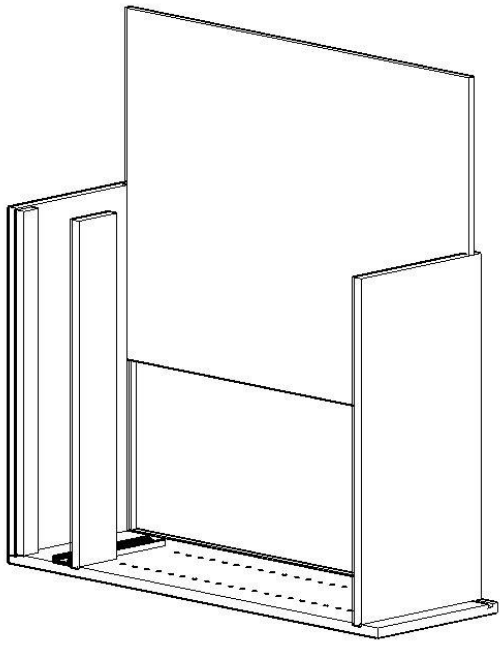
1. Locate the stretcher, side, top, and bottom panels.
2. With the side panel on its back edge position and affix the stretcher, top and bottom panels by pre-drilling through the side panel and screwing them together (See Figure 53).

Figure 54Figure 54: Affix Stretcher to Top and Bottom Panels



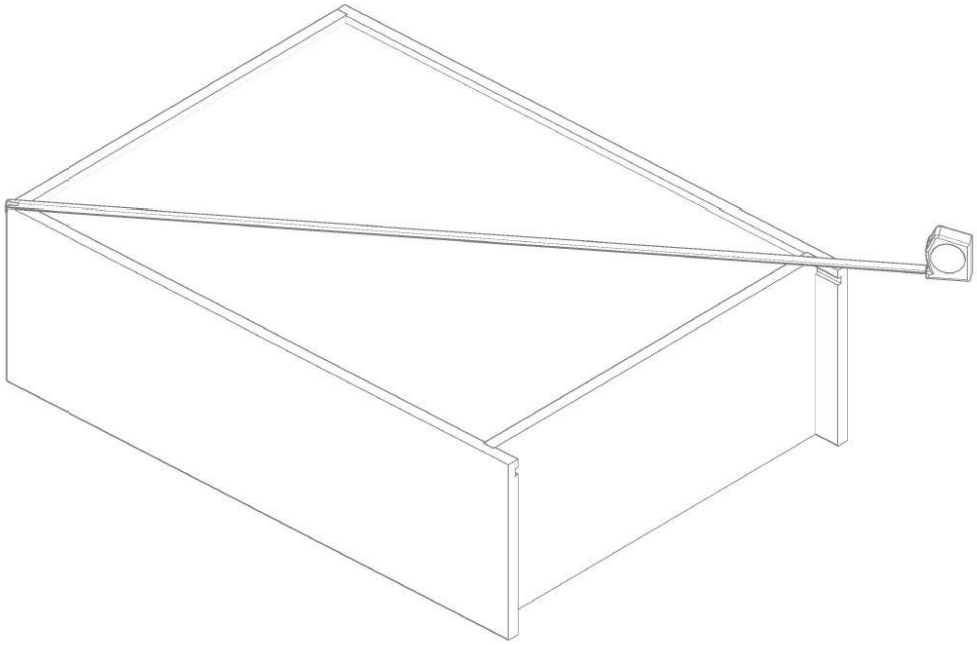
3. Carefully turn the unit onto the side panel. Locate the back panel and insert it (See Figure 55).

Figure 55: Insert Back Panel



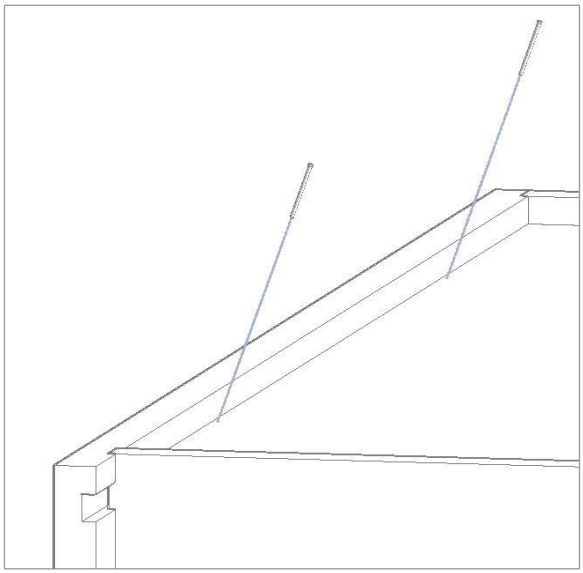
4. With the unit in the same position repeat step 2 for the other side of the cabinet.
5. Turn the unit onto its face edge and square up the carcass by taking 2 diagonal measurements on the back of the cabinet (See Figure 56). If they're not square apply pressure to opposing corners until both measurements are equal.

Figure 56: Squaring up the Cabinet



6. Fix the back panel into place by bradding at an angle through the back panel into the side panels (See Figure 57). This should be done as needed on each vertical and horizontal edge. Be careful not to brad through the side panel. Also verify the cabinet's overall width before bradding the opposing side.

Figure 57: Brad Back Panel into Side Panels



7. Stand the unit upright and verify the hinge locations. Insert the hinge wing plates into the hinge holes and snap the wing plates towards the side panel (See Figure 58 and Figure 59). This will lock the wing plates into position.

Figure 58: Insert Hinge Wing Plates

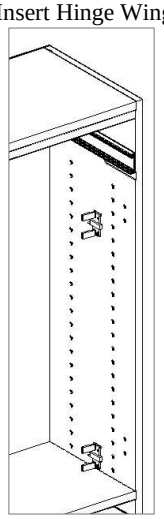
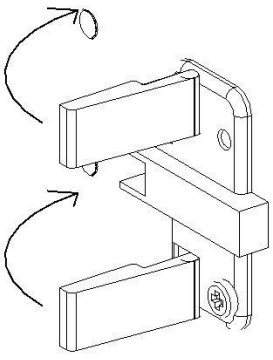


Figure 59: Snap Wing Plates Toward Side Panel



Install the cabinet door.

8. Insert the hinge arm into the door with the door face down (See Figure 60 and Figure 61).

Figure 60: Insert Hinge Arm into Door

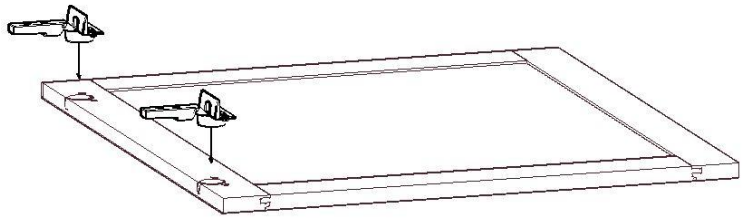
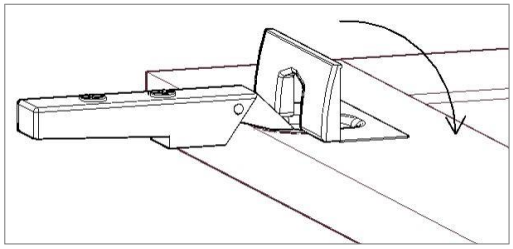
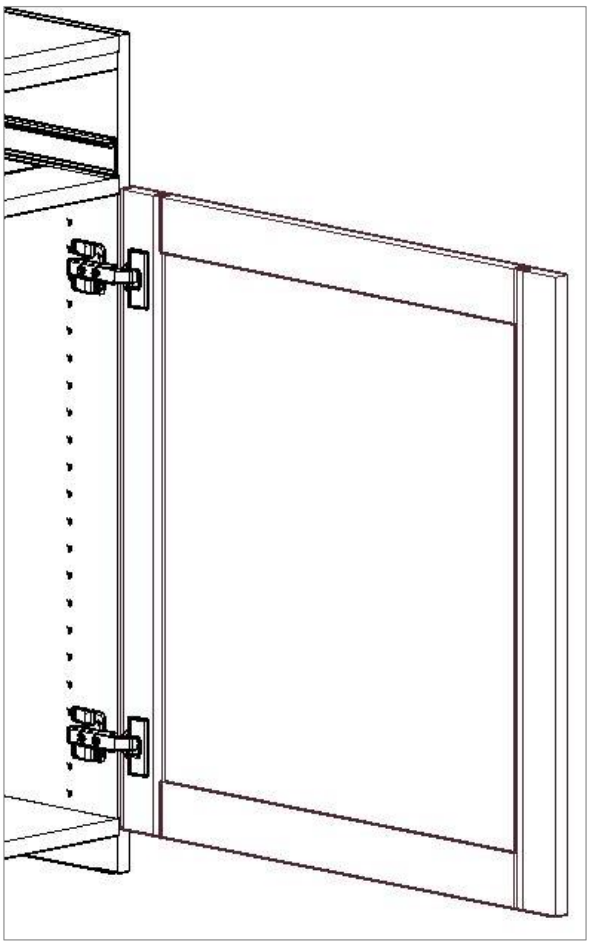


Figure 61: Snap Wing Plates toward Door Interior



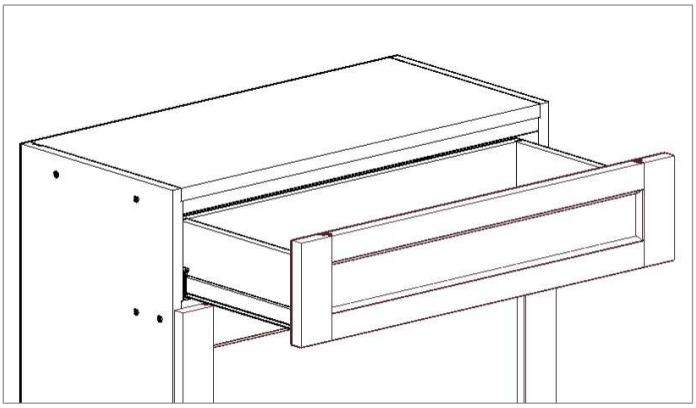
9. Hang the door on the cabinet by pivoting the hinge arms over the wing plates (See Figure 62).

Figure 62: Hang Door onto Cabinet



Insert the Drawer

Figure 63: Insert Cabinet Drawer



10. Slide drawer glide through the face frame until it reaches the end. Make sure the glider is level and attach with screws.
11. Once the glider is in place slide the drawer into place.
12. Install the pull hardware at your desired locations.
13. Congratulations the Cabinetry assembly is complete.

Installation

Getting Started

Now that you've assembled your wine cellar components it's time to evaluate how to best fit it into your prepared area. Installing a wine cellar is not a beginner's project and requires a good amount of finish carpentry knowledge.

Verify Measurements

By now you should be familiar with the drawings that were supplied as part of this guide. The first step is to measure the room and verify that it matches the measurements on the supplied drawings. If any dimensions are off, make note of these on the drawings as you may need to make adjustments during the installation process.

Locate Studs and High Floor Spots

At this time you will want to mark any wall stud locations to make it easier for attaching racking components. Now determine if there are any high spots in your wine cellar floor. If so, Vigilant recommends installing the wine racking components that will reside on a high spot first as the adjacent racking can be shimmed up to match its height. If there are no high spots Vigilant recommends starting the installation at the focal point of your cellar.

Gaps and Filler

You may find that your wine racking products may not cover the entire length of a wall. That's okay, the Vigilant design team has designed your cellar with filler scribe to compensate for inconsistent measurements on site. The filler is used to cover gaps of space between racking components. Typically, the gaps occur near the wall corners, to compensate simply cut the filler strip(s) to the height of your racking and affix to the rack.

Installing Your Wine Storage Components

Make sure all your wine storage components are shimmed to plumb and level before affixing them to each other and the walls. To affix them to each other, Vigilant recommends using 1 1/4" wood screws (not supplied) in concealed locations. A general rule is to fasten all components to each other, and each elevation (see supplied drawings) be fastened to the wall at least every 2 stud locations or as your design warrants.

Vigilant has provided some images for typical installation of racking and casework. Also depicted is how the filler scribe and base trim should be applied in relation to the wine units. Locate the filler scribe pieces provided with your cellar, measure, and cut them to fit the gap areas. Corner gaps will be addressed with the same filler scribe, however you will need two pieces to construct an L-shape (See Figures 63 – 66).

Figure 63: Filler for Wine Racking

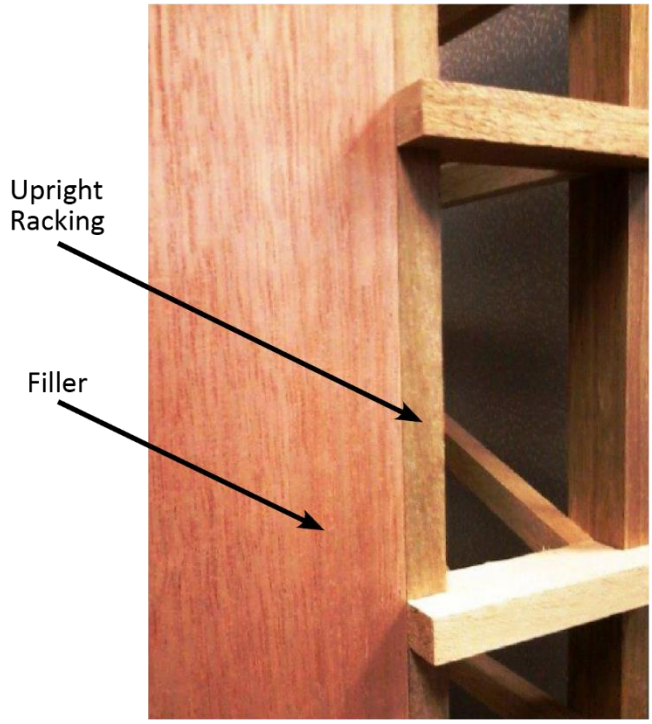


Figure 64: Filler for Racking at the Base

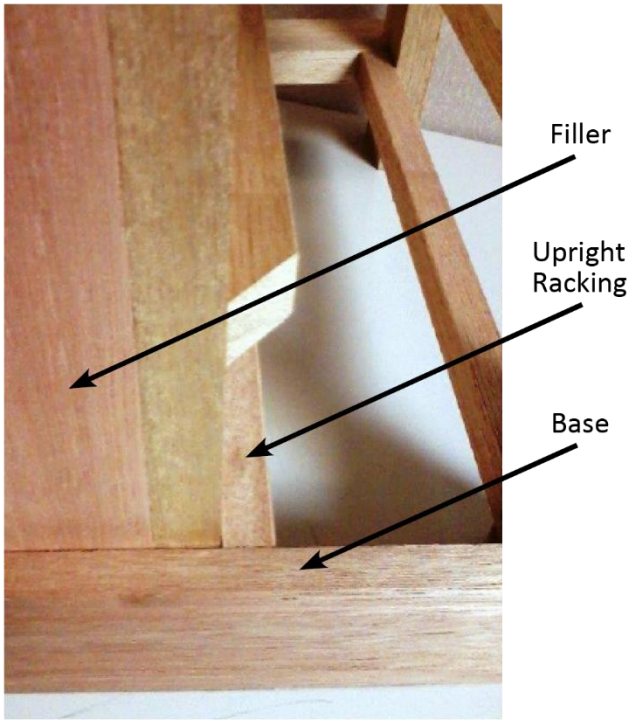


Figure 65: Casework with Racking

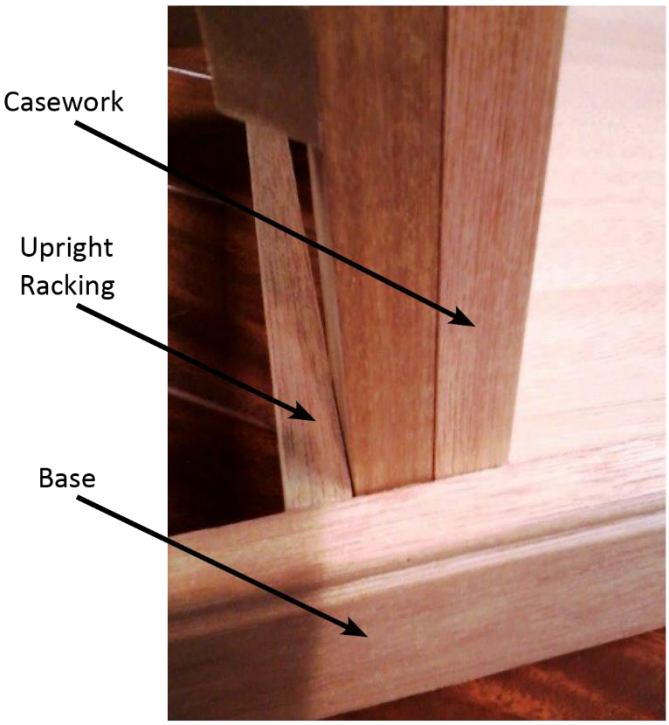
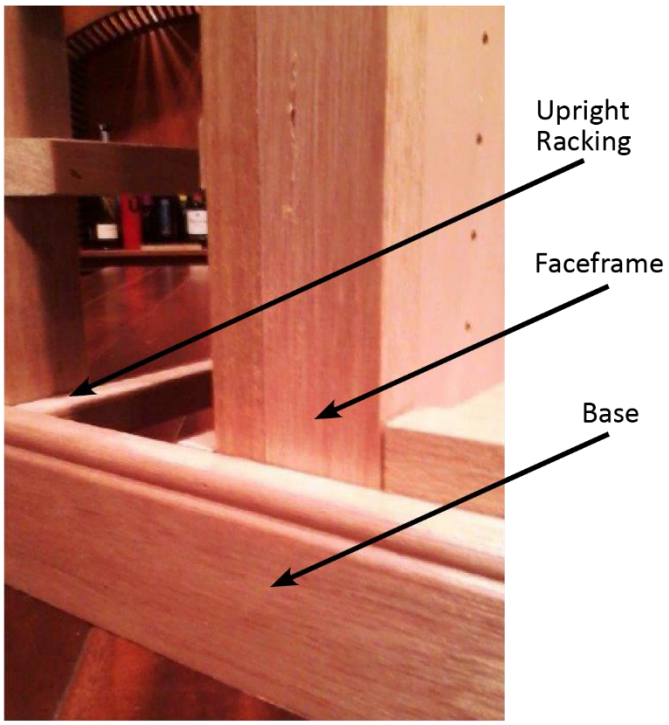


Figure 66: Faceframe with Racking



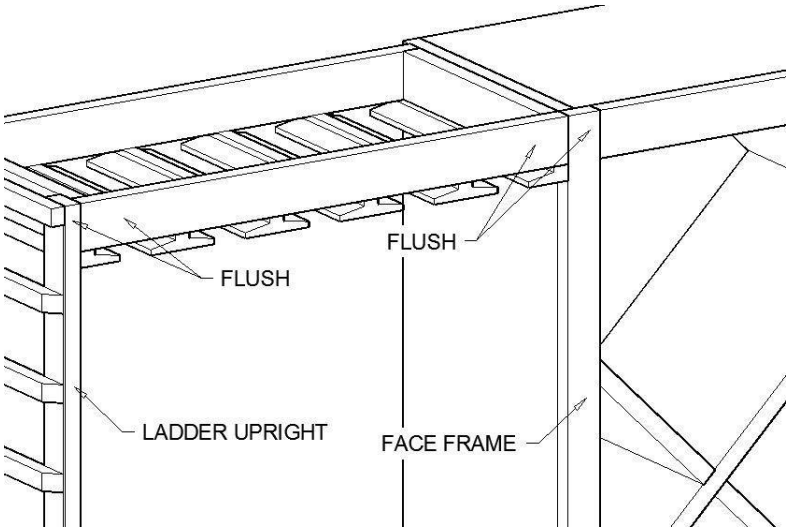
Installing Accessory Components

Many wine cellars incorporate accessory units for additional storage, aesthetics, or structural necessity. This section will cover how these components should be installed in relation to adjacent pieces.

Stemware Racking / Beam Supports / Cooling System Covers

1. Position the piece in its final location by flushing the face of it to the face edge of the adjacent front uprights, casework edge, or face frame. Temporarily clamp the unit when positioned correctly (See Figure 67).

Figure 67: Stemware Shelf between Case Work and Ladder



2. Pre-drill through the adjacent unit(s) into the sides of the unit. Affix with screws, and remove clamps.
3. Congratulations, the stemware rack, beam support or cooling system cover installation is complete.

Table Tops

The supplied table tops are identified by the racking pieces they get installed above. For instance, **Rack A** would be capped by **Table A-T**. By mapping out the table locations prior to installation, you will avoid having to un-install any components that were prematurely installed. You should also notice that all the edges are raw or unfinished, this is intended. Vigilant has supplied table nosing, typically 1 1/2" beaded profile, which is intended to be cut and applied to all exposed edges once the tabletops are in place. Vigilant tries its best to minimize the seams or keep them away from focal points, but it's not always possible. Vigilant suggests using biscuits (not supplied) and wood glue when seaming two tables together.

Trimming Your Cellar

Now that your elevations (see supplied drawings) are in place and fastened to the wall and each other, it's time to finish it with trim. To trim your cellar, first locate the top or crown and base molding pieces. Take a count of how many pieces you've received and their lengths. Once you've verified the amount of trim you have you should also consider where to begin. Vigilant's recommendation is to start at the focal point of your wine cellar for both the top and base trim, this will ensure there are no seams at the focal point of the cellar. If you have radius trim it is important to seam the trim off of the radius. If you are unfamiliar with finish trim carpentry take

a moment to familiarize yourself by using online resources and guides. Vigilant offers video tutorials to help with some installation steps on a YouTube channel at: https://www.youtube.com/user/VigilantWineCellars.

When measuring and cutting the lengths of trim it is always good to measure twice before cutting. In addition, many finish carpenters will use a piece of scrap wood to test the miter cuts before cutting the actual trim. This will allow you to be as exact as you need without wasting valuable trim pieces. Once your trim pieces have been cut and fit into place, affix them to the front of your elevations as seen previously using a pneumatic brad gun. After the trim has been applied it is now time to go back and fill in the holes with some colored wood filler. To do this simply apply the wood filler and wipe it off with a dry towel or rag.

Finishing Touches

The finishing details greatly impact the overall beauty of your new wine cellar. Below is a list of tasks that help complete your wine cellar's finished look.

- ☐ Install lighting (if ordered). Use the instructions provided with the light kit.
- ☐ Fill all brad holes with colored wood putty.
- ☐ Use a Vigilant touch up stain stick to address any visible raw wood.
- ☐ Vacuum the cracks and crevices for any installation debris.
- ☐ Clean all exposed surfaces.

Congratulations on the installation of your wine cellar! We hope you love your wine cellar as much as we loved handcrafting each component for you. If you have any questions don't hesitate to contact us (888) 812-4427.