



**Mahogany Wine Rack
Assembly Instructions**

**Four Column Segmented Corner
with Display Row**



Classic Series



Estate Series

Congratulations! You have purchased the finest wine racking available anywhere. Properly assembled, these solid mahogany Vigilant wine racks will outlast even your finest wines. Please call toll free **888-812-4427** if you have any questions or problems.

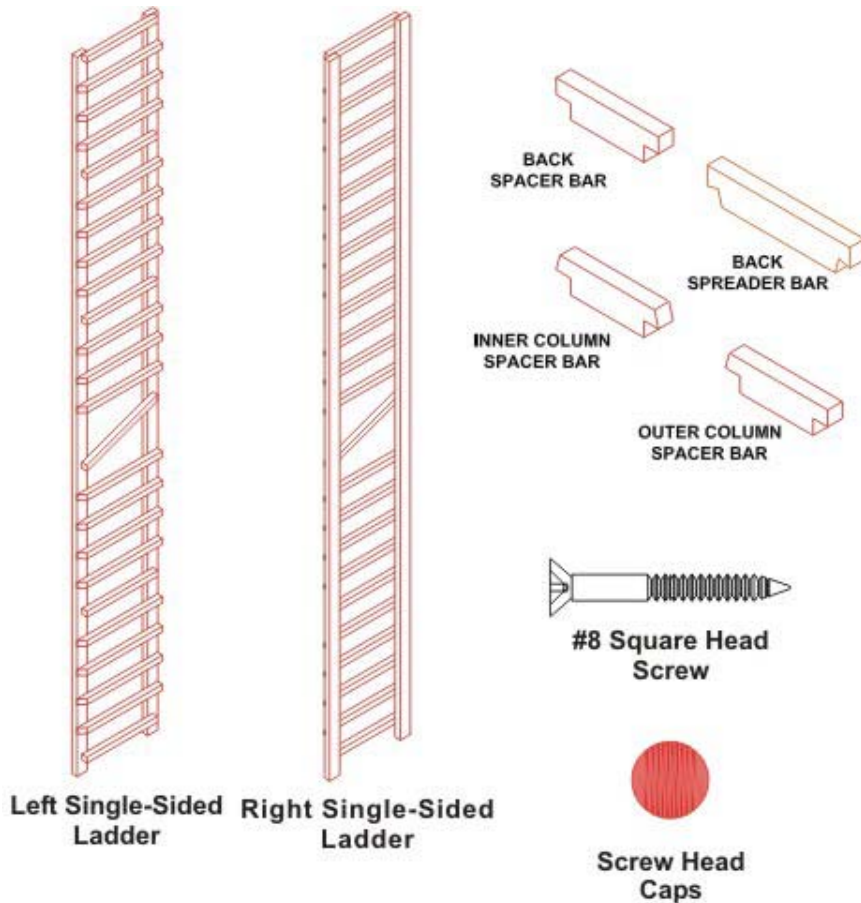
Tools Required for Assembly:

- Electric drill or cordless screw gun
- 9/64" drill bit
- Phillips Head Screwdriver
- #2 Square drive bit
- Hammer, preferably rubber or soft-faced

Note: If you have chosen your wine rack to be finished without pre-drilled holes, you will need a pneumatic nail gun to properly assemble your rack

Parts List:

Before starting, carefully review the parts and quantities against the parts list to make sure you have everything you need. Then read through the instructions, taking time to familiarize yourself with the pieces and steps.



Classic Series (77 ½" high)

- 4 Single-Sided Left Ladders (77 ½" long)
- 4 Single-Sided Right Ladders (77 ½" long)
- 107 #8 Square Head Screws (1 ½" long)
- 40 Screw Head Caps
- 10 Inner Column Spacer Bars
- 10 Outer Column Spacer Bars
- 20 Back Spacer Bars
- 9 Back Spreader Bars

Estate Series (92 ½" high)

- 4 Single-Sided Left Ladders (92 ½" long)
- 4 Single-Sided Right Ladders (92 ½" long)
- 123 #8 Square Head Screws (1 ½" long)
- 48 Screw Head Caps
- 12 Inner Column Spacer Bars
- 12 Outer Column Spacer Bars
- 24 Back Spacer Bars
- 9 Back Spreader Bars

Parts List



Tips: For Building Your Wine Racks

Before assembling your rack, line up all of your spacer bars. If any spacer bars have blemishes from shipping they can be used as back spacer bars, where they will not be seen.

If you are using a powered screw gun that has a clutch, make sure to set it at a low setting first until you find the right setting. If you have it set high it may over tighten and then split the wood.

Pre-drill all screw holes with a 9/64" drill bit. This makes it less likely for your wood to split. (The easiest way to do this is to follow the pre-drilled holes provided on certain pieces as your guide.)

When you screw through the spacer bar and into the ladder upright do not over tighten, especially on the end locations. Over tightening can cause your spacer bar to split.

Make sure you align the top of your spacer bar to the top of the spacer slat.

When drilling your rack into the wall it is easiest to drill through your top back spacer bar and into the wall stud.

When attaching racking to adjacent racking we recommend using clamps to hold the adjacent racks together before securing with screws.

The best placement for your screws, to secure adjacent racks is under all spacer bar locations. This keeps the screws hidden and keeps your rack secure and steady.

How to Care for Your Stained & Lacquered Wine Racks

Your Vigilant wine racks are built using the highest quality mahogany wood and finish available. When properly cared for, your wine racks will last longer than your finest bottles of wine. Here are a few tips on maintaining the quality and consistency of your racking.

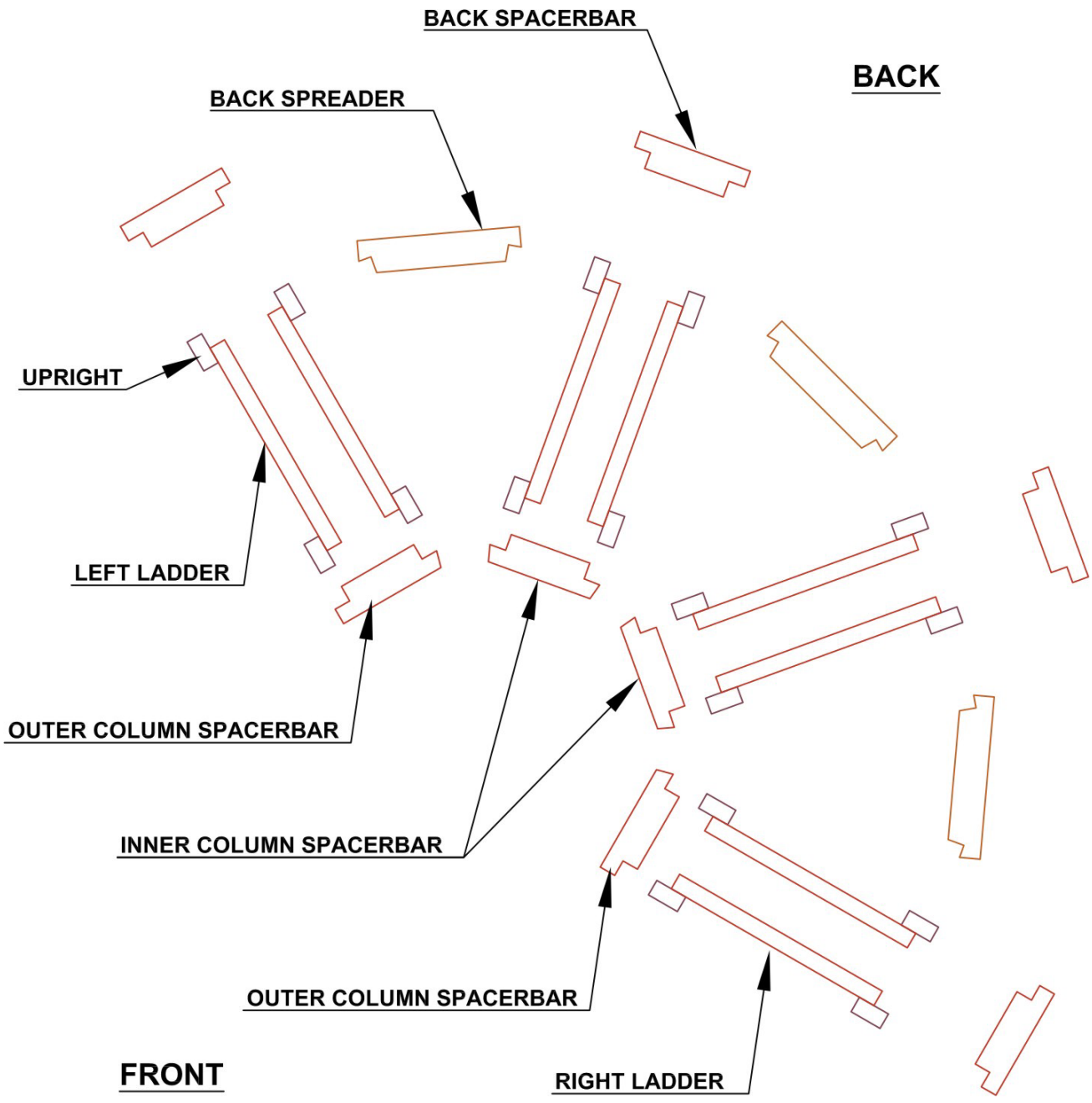
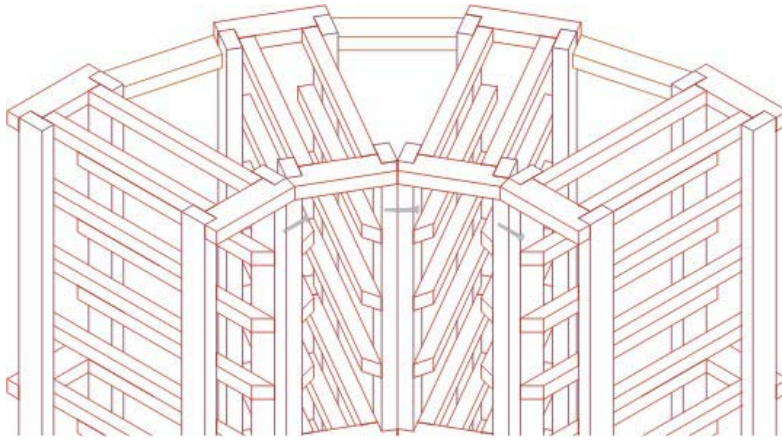
Remove Dust: Dust build up from small airborne particles may scratch the surface if not removed correctly. Simply wipe the surface with a cloth dampened with a cleaning polish or mild detergent.

Clean: Fingerprints, cooking fumes, smoking residue, etc., accumulate on any surface. None of these contaminants will harm our Clear Guard™ finish, but they should be periodically removed to restore the finish to its original luster. Just wipe the surface with a cloth dampened with a non-wax containing polish or mild detergent solution. Avoid the use of ammonia based products or silicone oil, as they may cause damage if used over a long period of time.

Our Clear Guard™ finish is durable and resistant to most household spills. However, spills should be wiped up promptly to avoid potential problems.

Excessive prolonged exposure to direct sunlight, high temperatures and high humidity can cause damage to both the finish and the wood itself. These should be avoided.

Following these simple steps will keep your finished wine racks looking like new for many years.



Overhead Exploded View

Steps to Assembly

Please see notes in instructions for special steps on assembling racking without pre-drilled holes.

1. Locate a right and left side ladder. You will notice that the top of the ladder has horizontal slats flush with the top of the uprights, while the bottom slats are set in $1\frac{3}{4}$ " from the bottom of the uprights. The ladder fronts are distinguished by slats that have an angled face, while the backs show the square ends of the horizontal slats (**See Parts List**). The other piece you will need to find is your spacer bar. Notice that you have four different types of spacer bars. Your first column will require an outer column spacer bar (**Figure 1**).

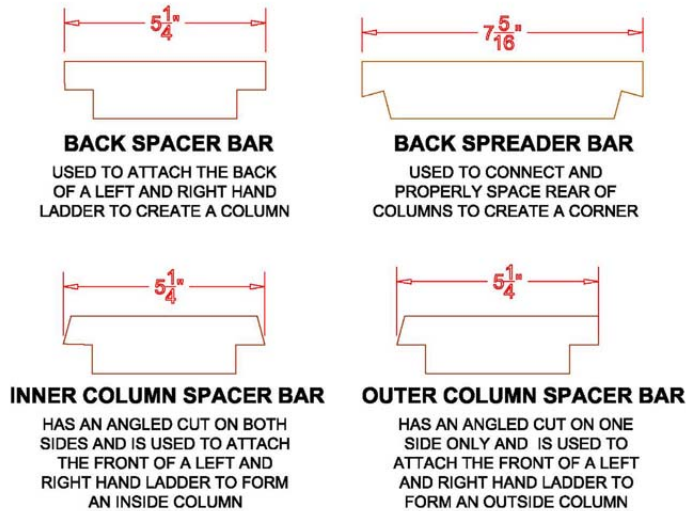


Figure 1

2. Set your ladder with the back on the floor (angled slats facing up). Insert the spacer bar by placing the two rabbets (or slots) at each end of the spacer bar over the ladder uprights at the spacer bar slat location at the bottom of your ladder as seen in (**Figure 2**). Be sure to have the angled side of the spacer bar facing inward.

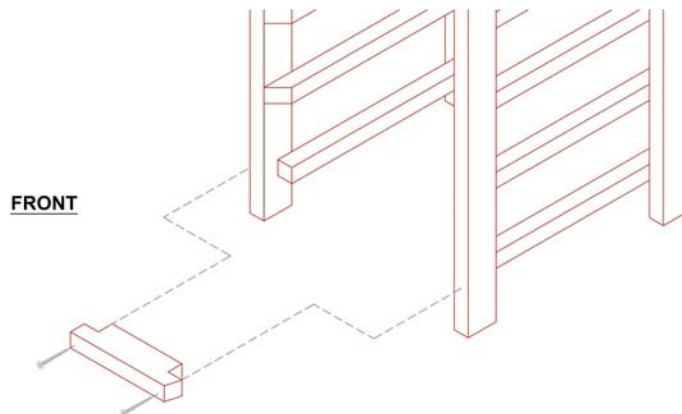


Figure 2

3. Pre-drill a screw hole through the existing hole in the spacer bar and into the front upright using a 9/64" drill bit. Change to the square drive bit and drive a screw into the pre-drilled hole. Be sure that the screw head sinks below the surface.

Note: For racks without pre-drilled holes, attach spacer bar using nail gun in step 3.

4. Repeat step 3 for the opposite side ladder.

5. At this point both ladders should be attached to the first spacer bar (**Figure 3**). Set another spacer bar (make sure that you have the angled side of the front outer column spacer bar facing the same direction as the first spacer bar) over the next spacer slot location. Attach using the same method as in steps 2 and 3. Repeat for the remaining front spacer bar locations.

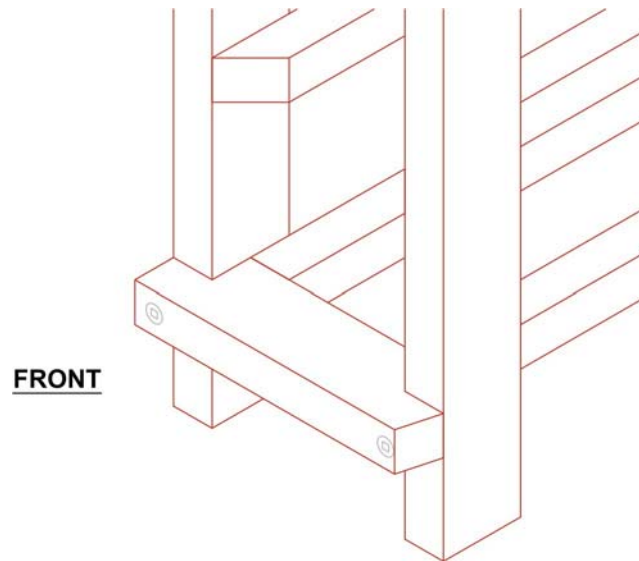


Figure 3

6. Carefully flip the assembly onto its front. Attach the back spacer bars to the back of the assembly in the same manner as used for the front. All back spacer bars have two squared sides (**Figure 1**).

7. Take another right and left side ladder and repeat steps 2 thru 6 to create your other end column. You will now use your other outer spacer bar with the angled side facing in.

8. Now you have the two end columns of your segmented corner rack. Locate another set of ladders (a right and left piece); repeat steps 2 thru 6 using your front inner column spacer bars (**Figure 1**).

9. Repeat the same steps for your second inner ladder.

10. Now that you have all four columns built, take the two middle columns that you created in steps 8 and 9 and stand them next to each other with the front uprights touching (**Figure 4**). The back uprights should be spread out approximately 6" (**Figure 5**).

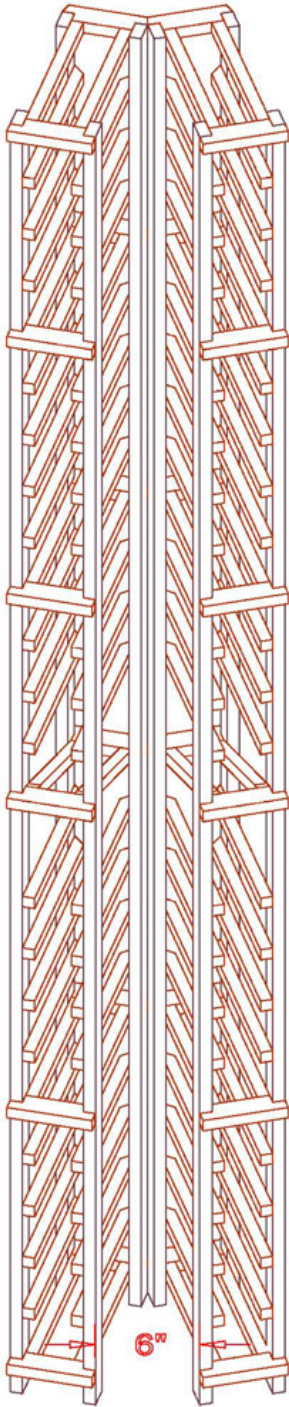


Figure 4

Back

Overhead View

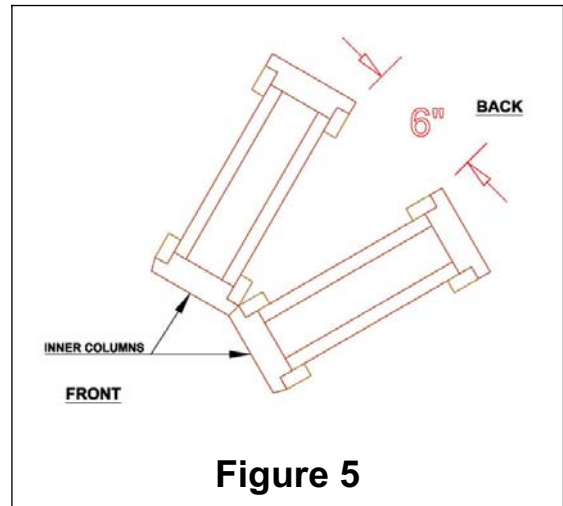


Figure 5

11. Take three of your back column spreader bars and fit one between the back uprights just above the 3rd spacer bar from the bottom (**Figure 6**). **Pre-drill and screw the same way you attached your other spacer bars (**Figure 7**). Attach the other two spreaders just above the bottom spacer bar and just below the top spacer bar. Pre-drill and secure with screws.

****Note: For racks without pre-drilled holes, attach spacer bar using nail gun in step 11.**

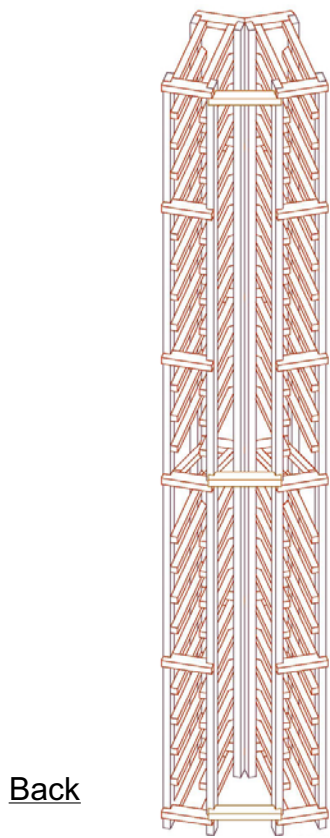
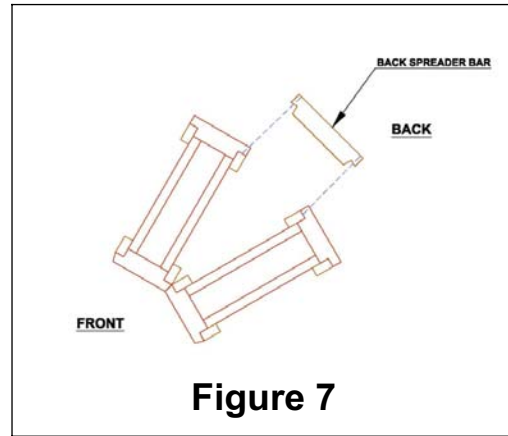


Figure 6

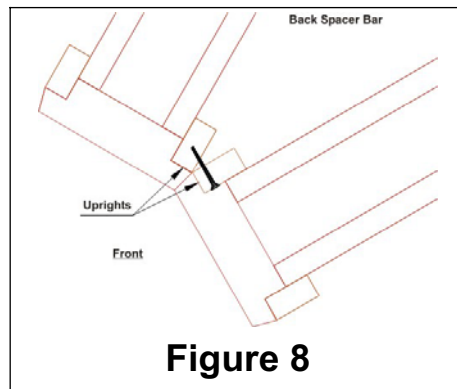
Overhead View



12. Carefully hold the front uprights together with the front edges aligned, **pre-drill and screw together at the top, middle, and bottom (**Figure 8**) to secure the two inner columns. Be aware that there are no pilot holes in the upright.

****Note: For racks without pre-drilled holes, attach spacer bar using nail gun in step 12.**

Overhead View



13. Set the two outer columns that you built in steps 6 and 7 on each end and insert the back column spreader bars the same way you did in step 11 (**Figure 8**).

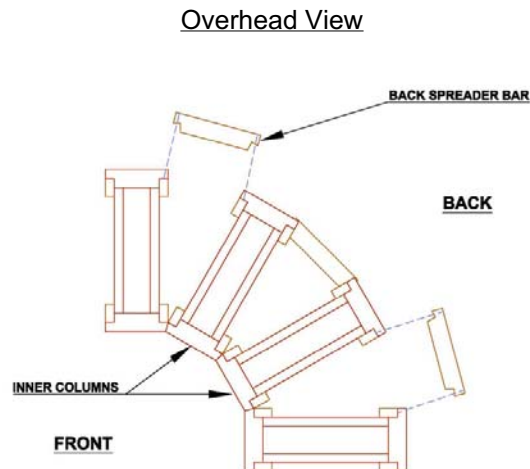


Figure 9

14. Align the remaining spreader bars at the top, middle and bottom locations as done on the inner columns and attach by **pre-drilling and screwing into the back uprights.

****Note: For racks without pre-drilled holes, attach spacer bar using nail gun in step 14.**

15. Once all the back uprights of all the columns are connected using spreader bars, repeat step 12 for the remaining front uprights (**Figure 10**),

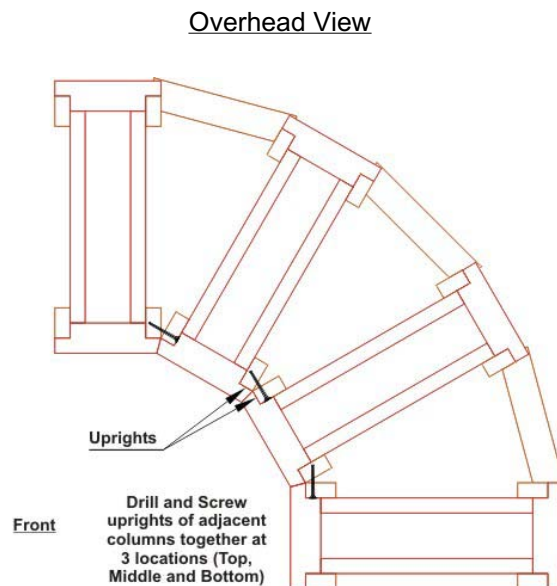


Figure 10

16. Once you have attached the front uprights to each other, the top of your rack should resemble **(Figure 11)**.

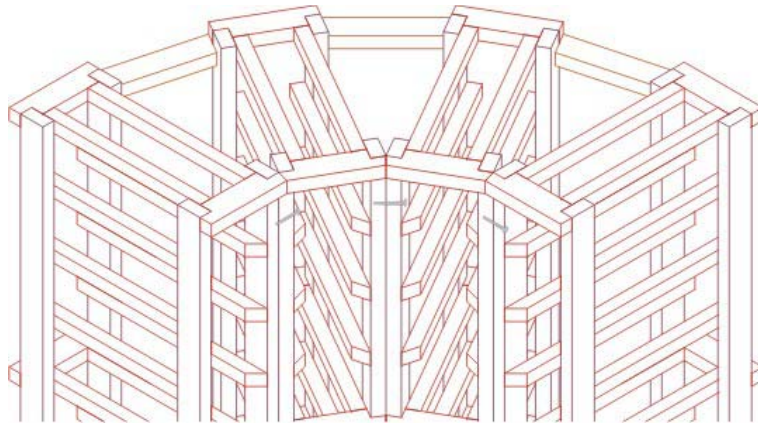


Figure 11

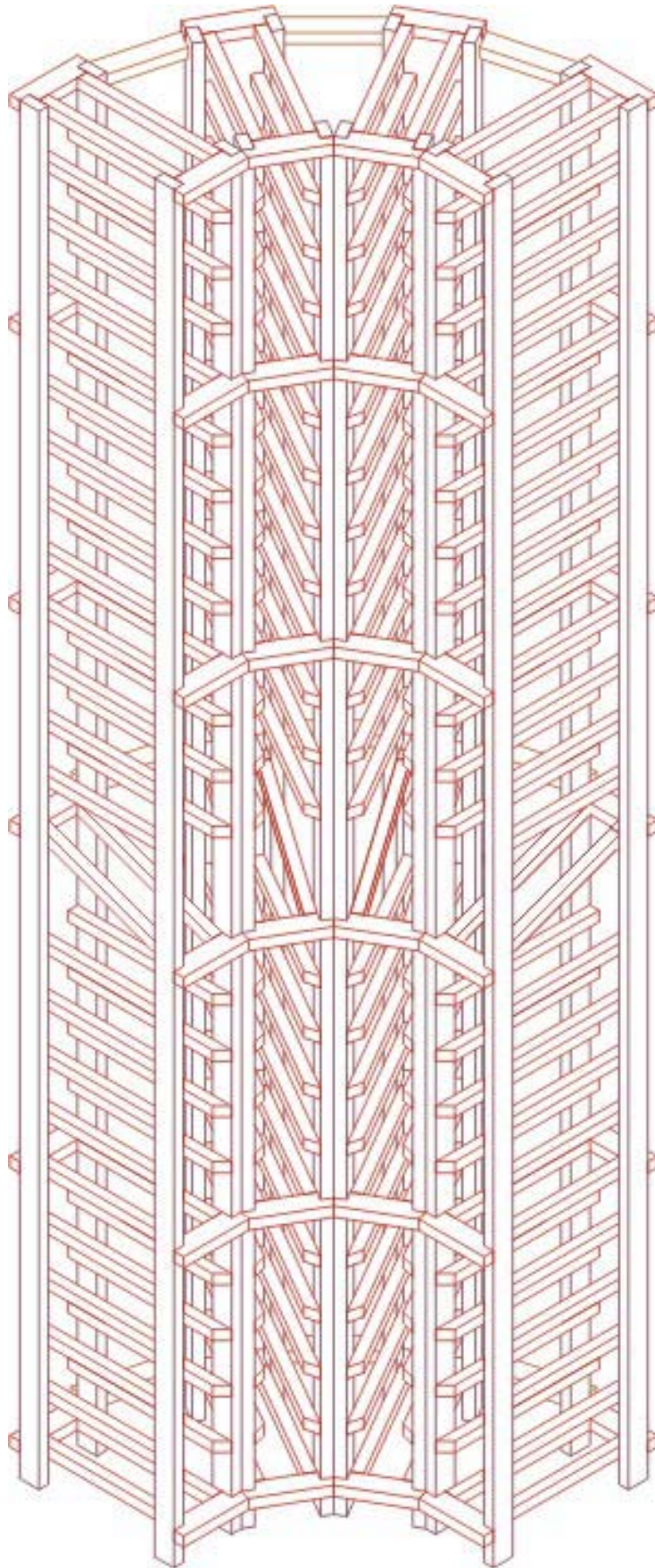
17. Stand your assembly up and place screw caps over the heads of all screw heads showing on the front of your rack.

Note: No screw caps are needed when nail gun is used.

18. Your rack is now complete and ready to be moved to its final location. The rack should be placed with its back against a wall and be shimmed to level, front to back and side to side.

19. Attach your rack to each wall by drilling through the top back spacer bar and into at least two wall stud locations then fasten securely with wood screws (not provided).

***Failure to attach the rack to the wall could result in the rack tipping over. When fully loaded with wine your rack will weigh 240lbs. for the Classic Series and 300lbs. for the Estate Series.*



Finished Four Column Segmented Corner

Additional installation questions?
Contact us:



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