
Air Conditioner Dresser Plan



Supplies

(4) 1x2x8
(2) 1x8x8
1/2" plywood 24" x 24"
1/4" plywood 24" x 24"
3/4" brad nails
1" pocket screws
1-1/4" pocket screws
2" wood screws
Wood glue
Rust-Oleum Dark Walnut Ultimate Wood Stain
4 knobs or handles

Tools

Stanley FatMax Tape Measure
Miter saw
Table saw
DeWALT Drill
Kreg Jig
Countersink drill bit

Step 1. Cut the Stiles. Cut 6 pieces of 1×2 to 21-1/4". 2 stiles will be used for the front and 4 will be used on the sides.

Step 2. Cut the Front Rails. Cut 3 pieces of 1×2 to 23-3/4". Drill one pocket hole in each end of the rail.

Step 3. Cut the Drawer Fronts. Cut 2 pieces of 1×8 to 23-3/4" and rip to 6-7/8". Drill 2 pocket holes in each end. Drill 3 pocket holes in the top and bottom edge.



On the front side drawer, roundover the edges with sandpaper. This will make the drawer front look more like a real drawer.



Step 4. Assemble the Front. Layout 2 stiles, place a rail at the top, then a drawer front, then a rail, then the last drawer front, the final rail and clamp together.



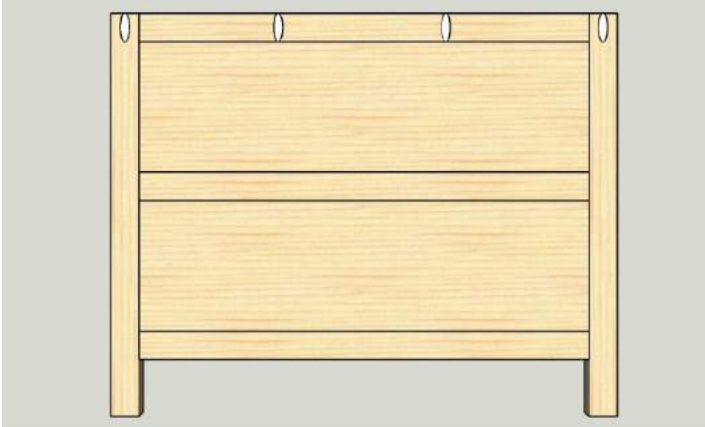
Flip the assembly to the front side and gently remove the drawer fronts.



With the drawer fronts removed, roundover the drawer openings. Just like rounding over the drawer fronts, this will give the illusion that it's an actual drawer.

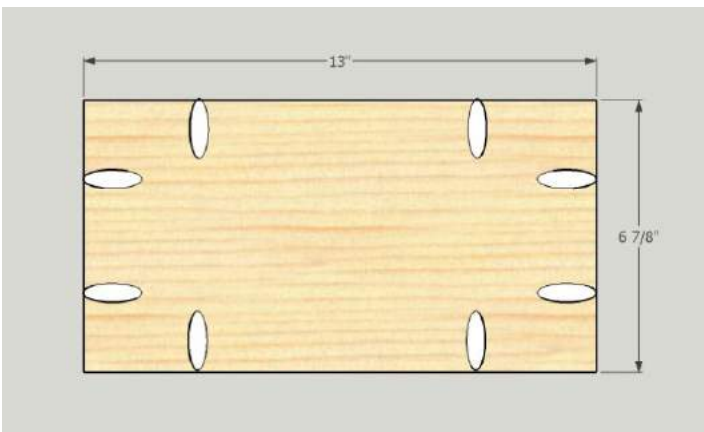


Step 4. (continued) Replace the drawer fronts. Attach the rails to the stiles using 1-1/4" pocket screws. Then attach the drawer fronts to the rails and stiles using 1-1/4" pocket screws. On the back (same side as the other pocket holes) drill 4 pocket holes along the top edge. These pocket holes will be used to attach the front to the top.



Step 5. Cut the Side Rails. Cut 6 pieces of 1x2 to 13" and drill a pocket hole in each end.

Step 6. Cut the Side Panels. Cut 4 pieces of 1/2" plywood to 13" x 6-7/8". Set your Kreg jig to drill into 1/2" material and drill a few pocket holes around the edges. *Note: For my side panels, I used 1x8 pine that I resawed on my band saw and then planed to 1/2". If you have access to a band saw and a planer, you can do it just like I did. If not, use the plywood method described above.*



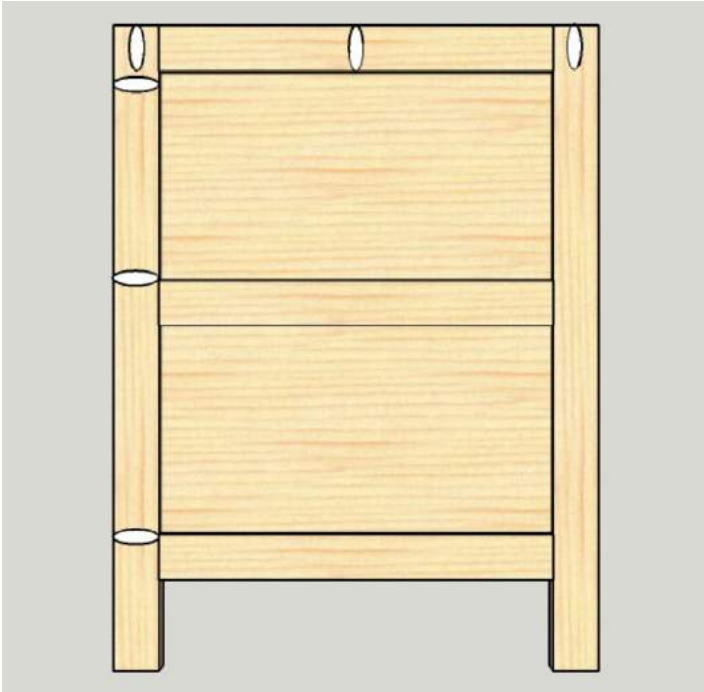
Step 7. Assemble the Sides. Place side parts face up on your workbench. Layout 2 stiles, place a rail at the top, then a side panel, then a rail, then the second side panel, the final rail and clamp together. Note: the side panels set in about 1/4" from the front edge of the stiles and rails.



Flip the side assembly over and attach the rails to the stiles using 1-1/4" pocket screws. Then attach the panels to the rails and stiles using 1" pocket screws.



Step 7. (continued) On the back (same side as the other pocket holes) drill pocket holes in the top of each stile and the middle of the rail. These pocket holes will be used to attach the side to the top. Also drill 3 pocket holes in the front stile. These pocket holes will be used to attach the side to the front. Be sure to make a right and left side panel. Repeat Step 7 for the second side.



Step 8. Attach the Sides to the Front. Clamp the side to the front making sure the pocket hole screws in the side stiles face the front assembly. Attach using 1-1/4" pocket screws.



Step 9. Cut and Install the Back Brace. Cut a 1x2 to 25-1/4" and drill a pocket hole in each end. Clamp at the top of the sides and attach using 1-1/4" pocket screws.



Step 10. Make the Top. Cut 3 pieces of 1x8 to 28" and rip to 5-3/4". Drill pocket holes in the edge of 2 pieces. Clamp pieces and attach using 1-1/4" pocket screws.



Step 11. Attach the Top. Place the top on the cabinet with the back of the top flush with the back of the cabinet and center top side to side on the cabinet. Clamp the top to the cabinet and attach using 1-1/4" pocket screws. Drill a few countersink holes in the bottom of the back brace and attach using 2" wood screws.



Step 12. Cut and Attach the Toe Kicks. Cut 2 pieces of 1/4" plywood to 3-1/2" x 16" and 1 piece to 3-1/2" x 24-3/4". Attach the 16" toe kick to each side with 3/4" brad nails, then attach the 24-3/4" to the front with 3/4" brad nails. *Note: For my toe kicks, I used 1x4 pine that I resawed on my band saw and then planed to 1/4". If you have access to a band saw and a planer, you can do it just like I did. If not, use the plywood method described above.*



Step 13. Sand, Stain and Finish. I sanded the piece using 120 grit sandpaper and stained with Rust-Oleum Dark Walnut Ultimate Wood Stain. The piece was finished with a few applications of Bob's Miracle Finish (recipe on www.sawsonksates.com).

