



How to Build a 3-Tier Pipe Shelf (Part #8702)

This beautiful pipe shelving kit will make a statement in any industrial style home. This easy-to-assemble product can be constructed in multiple ways giving you the ability to make it your own unique piece. These steps will show you how to use the pipe shelving kit to make a three-tiered shelf that can sit flat against the wall or be positioned in a corner of the room.

What's Included in the Kit:

- A. (4) Disk plates
- B. (4) Support connectors
- C. (2) Bolt heads
- D. (6) Curved corner pipes
- E. (4) T-Connector Pipes
- F. (1) 12 3/8" Pipe
- G. (2) 10 1/2" Pipes
- H. (2) 4 7/8" Pipes
- I. (4) 3 1/2" Pipes
- J. (4) 2 1/8" Pipes
- K. (6) 1 3/8" Pipes
- L. (12) Screw anchors
- M. (12) 1 5/16" screws
- N. (2) 13 3/4" long wooden shelves
- O. (1) 15 3/4" long wooden shelf



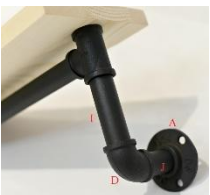
Additional Tools Required:

Note: The entire shelf can be assembled by hand twisting the parts together. The following tools are not needed until the last step of mounting the shelf to the wall.

- Pencil
- Power drill
- Mallet or hammer

Installation instructions:

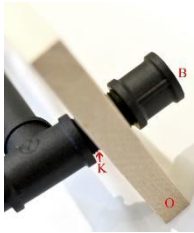
1. First, we must put together the bottom shelf.
 - o **Materials:** G x 1, D x 2, E x 1, K x 2, C x 1, B x 1, N x 1, I x 1, J x 1, A x 1.
 - o Take one of the 10 1/2" pipes (G) and attach a curved corner pipe (D) by twisting it onto the left side of the pipe facing up. On the right side, twist to attach a T-connector pipe (E) utilizing the middle hole.
 - o Take two 1 3/8" pipes (K) and attach a bolt head (C) to one, and a support connector (B) to the other. Then, place them into the pre-drilled holes on your 13 3/4" wooden shelf (N). The bottom threads will attach to the piece you made in the previous step.
 - o Line up the D/G/E piece with the K pipes underneath the shelf. Twist to tighten both sides.
 - o Complete the first wall attachment by screwing a 3 1/2" (I) pipe to the bottom of the T-connector on the right side of the shelf. On the other end of the I pipe, attach a curved corner pipe (D) facing the wall. Then, connect a 2 1/8" pipe (J) with a disk plate (A) on the end. This will mount to the wall later.



2. Next, we will build the middle shelf.
 - o **Materials:** H x 1, E x 2, F x 1, I x 2, D x 2, J x 2, A x 2, O x 1, K x 2, B x 2
 - o Attach a 4 7/8" pipe (H) to the top of the support connector.
 - o Use a T-connector (E) to attach a 12 3/8" pipe (F). Place another T-connector (E) on the opposite side utilizing the middle hole.

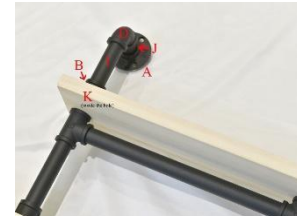


- o On the right side, we will create another wall attachment by screwing a 3 1/2" (I) pipe to the bottom of the T-connector. Then attach a curved corner pipe (D) facing the wall. Connect a 2 1/8" pipe (J) with a disk plate (A) on the end. This will mount to the wall later.



- o Next, grab the 15 3/4" shelf (O) and place a 1 3/8" pipe (K) into each pre-drilled hole with a support connector (B) on top of each one to hold them in place. Align the shelf with the rest of the assembly and tighten the support connectors, ensuring the K pipe is also tightened on the bottom side.

- o On the top left side of the shelf, we will create another wall attachment by twisting on a 3 1/2" pipe (I) to the support connector. Then, attach a curved corner pipe (D) facing the wall. Use a 2 1/8" pipe (J) with a disk plate (A) on the end and it will be ready to mount to the wall later.



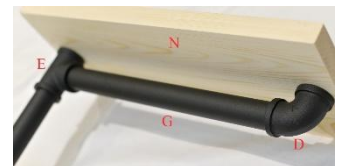
3. Now we will complete the top shelf.

- o **Materials:** H x 1, E x 1, G x 1, D x 2, N x 1, K x 2, C x 1, B x 1, I x 1, J x 1, A x 1

- o On the right side of the shelf, twist a 4 7/8" pipe (H) to the top of the support connector.



- o On top of the H pipe, use a T-connector (E) to attach a 10 1/2" pipe (G). Add a curved corner pipe (D) to the other end of the G pipe utilizing the middle hole. Grab a 13 3/4" wooden shelf (N) and align the pre-drilled holes on top of the pipe assembly.



- o Tighten the shelf down by inserting a 1 3/8" pipe (K) into each pre-drilled hole. On top of the left side, attach a support connector (B). On the right side, use a bolt head (C).



- o On the left side of the shelf, we will create a third and final wall attachment. To do so, twist a 3 1/2" pipe (I) onto the top of the support connector. Then, attach a curved corner pipe (D) facing the wall. Use a 2 1/8" pipe (J) with a disk plate (A) on the end. This piece is now ready to be mounted on the wall.



4. Mount your shelf to the wall!

- o **Materials needed:** Pencil, power drill, mallet or hammer, L x 12, M x 12

- o Hold up your completed shelving to the wall and make pencil marks in the pre-drilled holes on the disk plates.

- o Use your markings to go ahead and drill holes into the wall.

- o Now, use a mallet or hammer to insert a screw anchor (L) into each of the holes.

- ### 5. Aligning your shelving to the wall, you will be able to install the 1 5/16" screws (M) through each designated hole on the disk plate. You have now completed your 3-tier pipe shelf! This build can be mounted parallel to the wall or in the corner of a room by rotating the bottom or top shelf in a 90-degree angle with the wall attachment facing the adjoining wall.

