

Rotating Rack Instructions

BABYSTEP 1: SHELVES

STEP 1:

Look at the shelf diagram (see next page) and determine what size of shelf you want to make.

STEP 2:

Take a large cardboard box and measure out the pieces. The easiest way with the least cuts and gluing is to measure for the entire length of both sides and back. For the vegetable can, this would be a total of 31-1/8" by 10". We used a carpenter's square to measure, mark, and cut, but any ruler will work.

STEP 3:

Cut out all of your pieces using an exacto-knife or other sharp blade or even some scissors. If you used a long piece for the side/back pieces then you'll need to bend the side pieces in to the right shape. We used our carpenter's square (ruler) to help bend a straight line.

STEP 4:

Take the side and back pieces (or the one large piece) and make sure the can fits properly. If not, back to the measuring board! Mark the shelf lines on the side pieces so that you will know where the shelves need to go when you glue them on. All measurements will vary with the size of unit you're building, so make sure to get them right!

STEP 5:

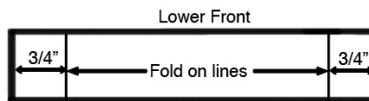
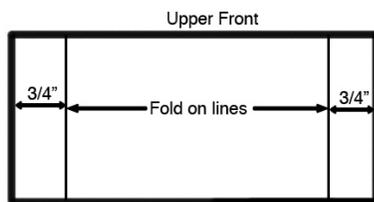
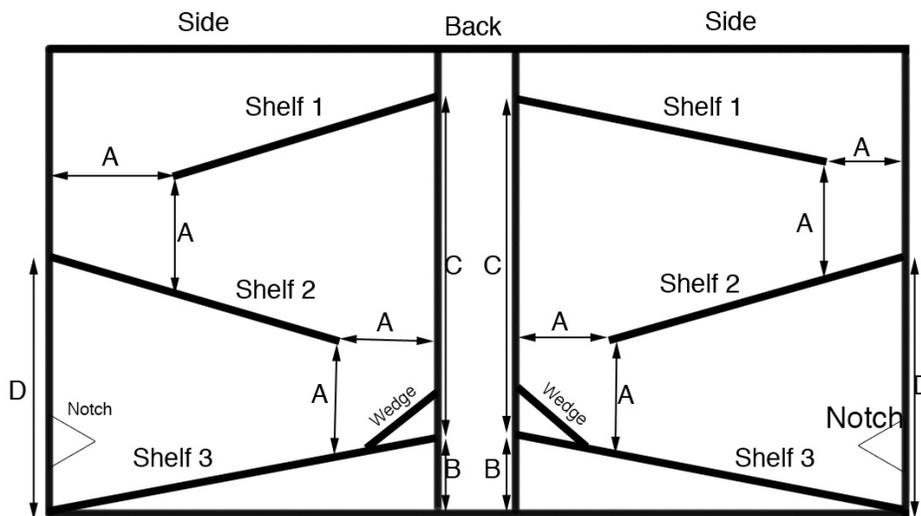
Glue the pieces together. Hot glue is fabulous for this step! We used a low temp craft gun and the glue started to set a little too quickly, but it was still workable. With the big piece open, glue each shelf in place. Then glue them to the back. Don't forget to put in your wedge, and make sure a can will still pass between the wedge and shelf 2. The other side is the hardest part, because with our gun the glue started to set before it was all in place. After the other side is on, take the front pieces, with the edges bent in $\frac{3}{4}$, and glue them into place, one side at a time.

STEP 6:

Cut some little notches out of the side pieces near the bottom to enable you to pull the cans out more easily. At this point you can paint the whole thing with white latex paint if you want to strengthen them.

Rotating Rack Diagram

BABYSTEP 1: SHELVES



Measurements

Description	Fruit Can <small>4 1/2 x 3 3/8</small>	Vegetable Can <small>4 3/8 x 3</small>	Evap Milk Can <small>4 x 3</small>	Soup Can <small>4 x 2 5/8</small>
Sides	F 9 1/4 x B 10 x 11 1/2	10 x 13	10 x 13	F 9 x B 10 1/2 x 12
Back	5 1/4 x 9 1/4	5 1/8 x 10	4 5/8 x 10	4 3/8 x 10 1/2
Shelf 1 & 2	5 1/8 x 8	5 x 9 3/4	4 1/2 x 9 3/4	4 1/4 x 9 1/8
Bottom Shelf	5 1/8 x 11 5/8	5 x 13 1/8	4 1/2 x 13 1/8	4 1/4 x 12 1/8
Upper Front	6 3/4 x 4 3/8	6 5/8 x 4 3/4	6 1/8 x 4 3/4	5 7/8 x 3 1/8
Lower Front	6 3/4 x 1 1/4	6 5/8 x 1 1/4	6 1/8 x 1 1/4	5 7/8 x 1 1/4
Wedge	5 1/8 x 2 1/8	5 x 2 1/8	4 1/2 x 2 1/8	4 1/4 x 2 1/8
A	3 1/2	3 1/4	3 1/4	2 3/4
B	3/4	1 1/4	1 1/4	1 3/4
C	7 5/8	7 3/4	7 3/4	7 7/8
D	4 7/8	5 1/4	5 1/4	5 7/8