



PROJECT PLANS

ROLLING LAUNDRY SORTER



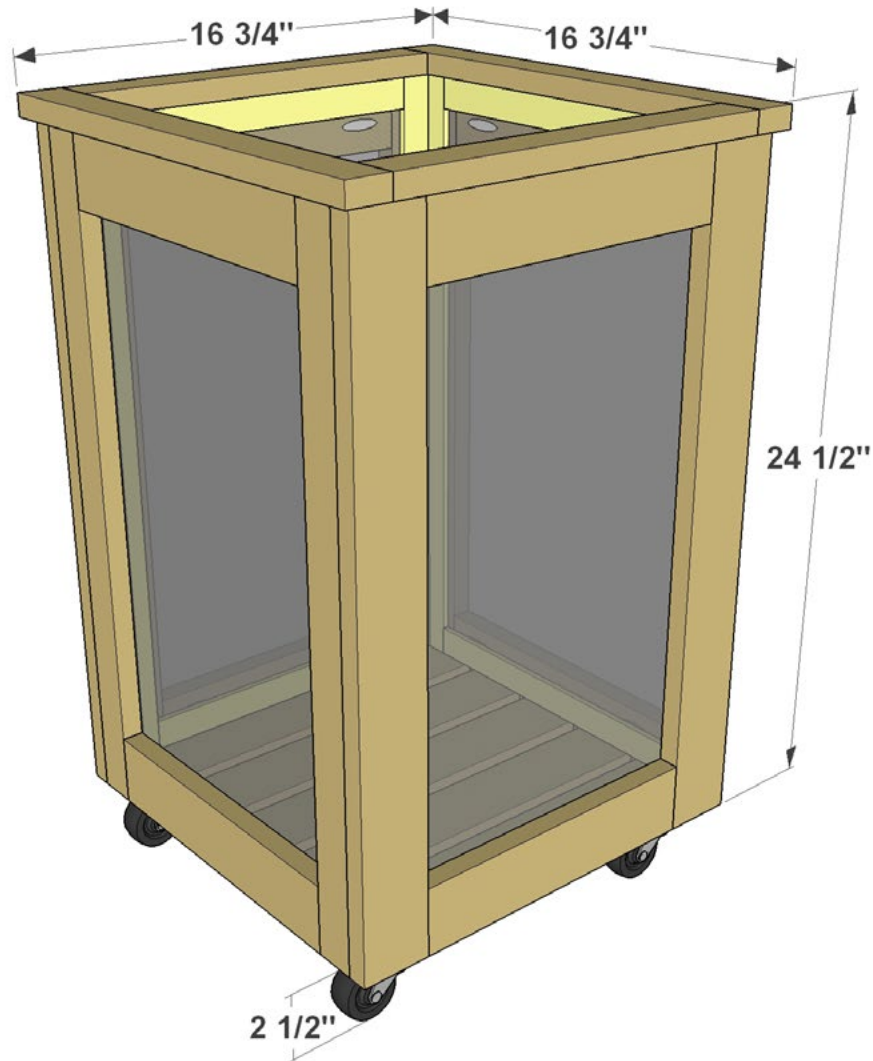
Sorting laundry certainly doesn't rank high on anyone's list. So, anything that makes this task easier is welcome. If that functionality can be mixed with a bit of style, then it's all the better still. This laundry sorter does both of those things and more—it holds lots of laundry, it fits easily into a closet, and it looks good doing it.

The laundry sorter is built using off-the-shelf boards, some window screen, a few nails, and Kreg Joinery™. Thin boards—actually lath made for wall plaster—hold the screen in place. Swiveling casters allow the sorter to be rolled in and out of the closet easily.



Safety:

Attention: Almost any do-it-yourself project involves risk of some sort. Your tools, materials, and skills will vary, as will the conditions at your project site. Kreg® Tool Company ("Kreg") has made every effort to be complete and accurate in the instructions and other content contained in this document. However, Kreg® will not assume any responsibility or liability for damages or losses sustained or incurred in the course of your project or in the use of the item you create. Always follow the manufacturer's operating instructions in the use of tools, check and follow your local building codes, and observe all commonly accepted safety precautions. We strive to be accurate, but reserve the right to correct any errors.



Materials:

Qty	Description
(62)	1 1/4" coarse-thread pocket hole screws
(4)	2" swivel casters
(16)	#8 x 5/8" panhead wood screws
(48)	18-gauge 1 1/2" brad nails
(88)	18-gauge 3/4" brad nails
(88)	3/8" staples
(1)	36" x 84" roll of pet-proof window screen
	wood glue
	wood filler
	paint or stain

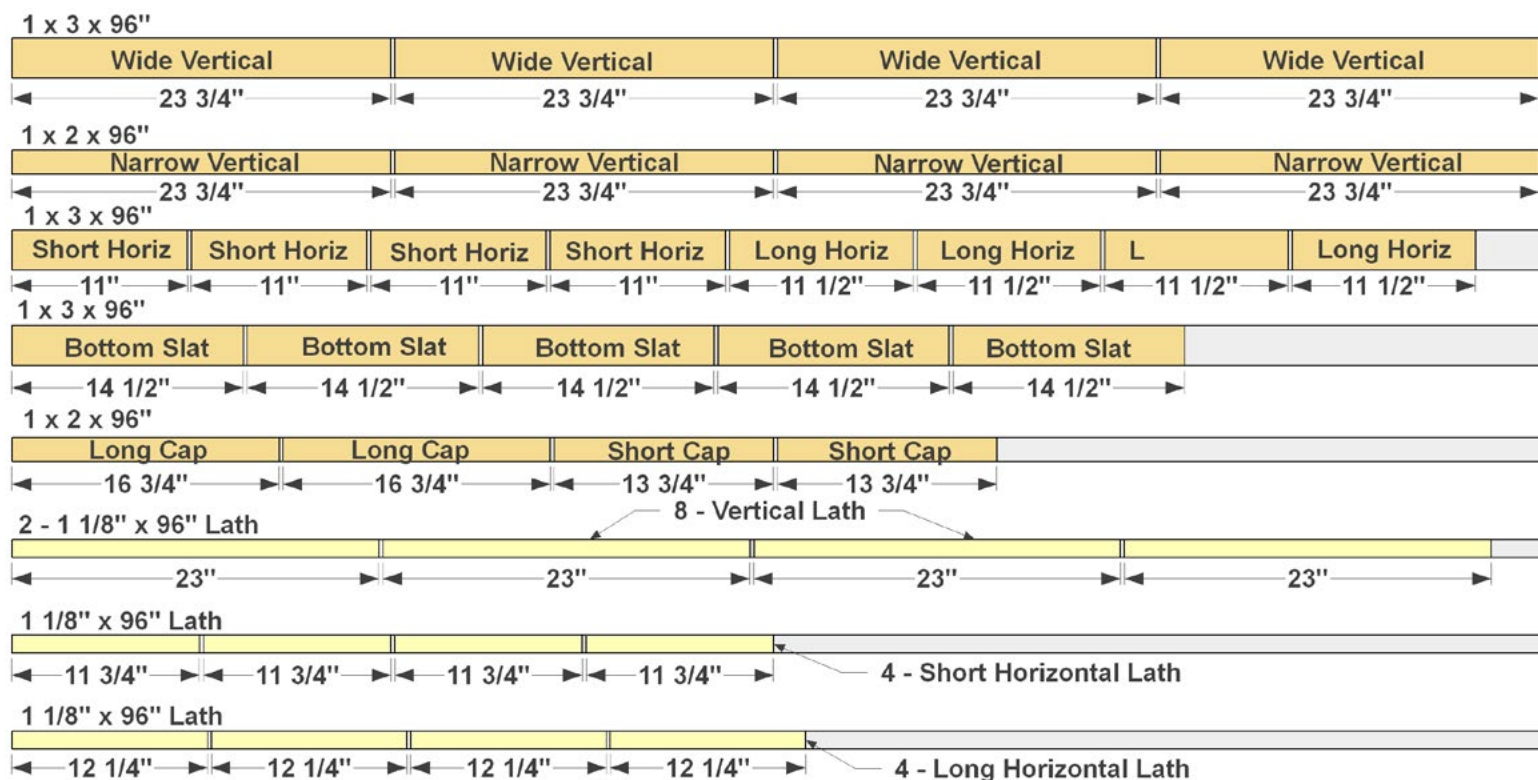
Tools:

Drill/Driver
Kreg Jig®
Miter Saw
Tape Measure
Sandpaper and Sander
Brad Nailer
Staple Gun

Optional Tools:

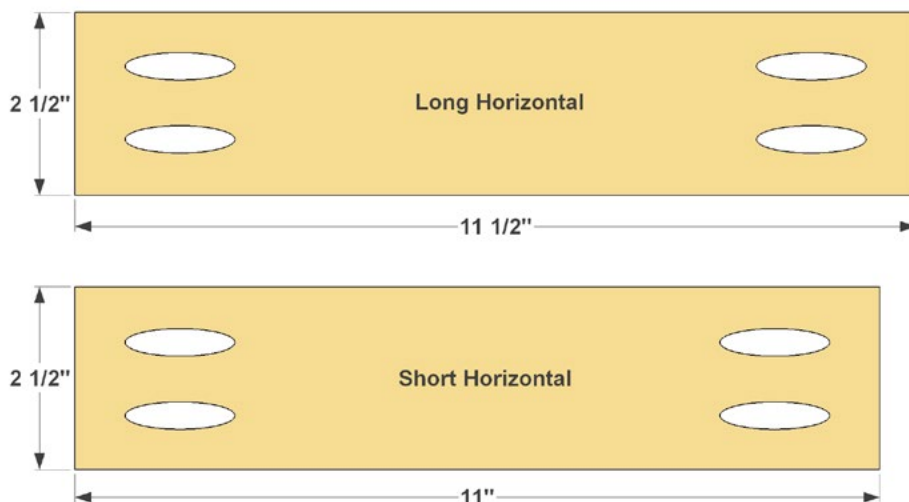
Kreg Square-Cut™
Hammer

Cutting Diagram:



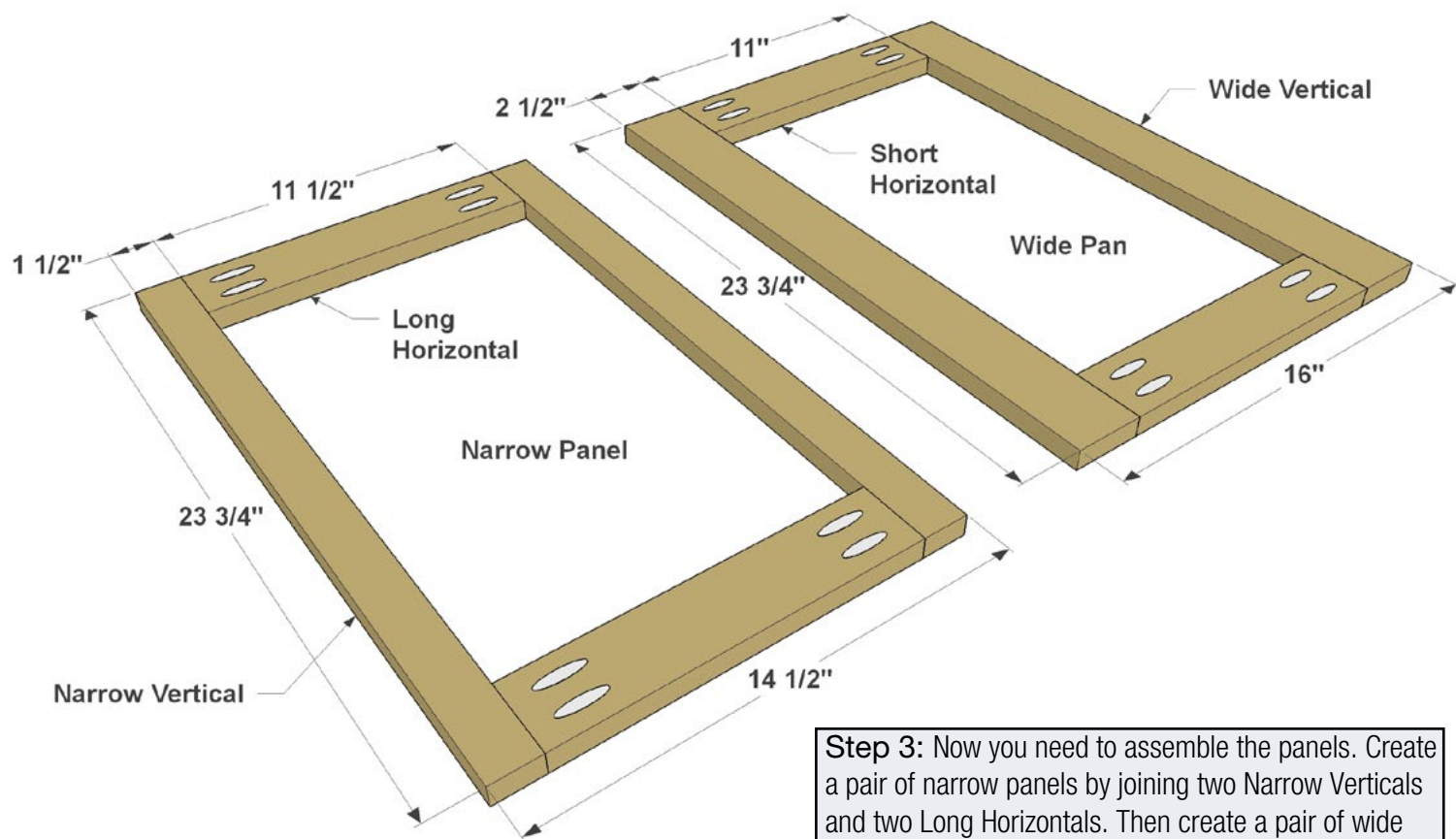
Step 1: Cut four Wide Verticals from a 1x3 board and four Narrow Verticals from a 1x2 board, as shown in the cutting diagram.

Step 2: Cut four Short Horizontals (11" long) and four Long Horizontals (11 1/2" long) parts from 1x3 boards, as shown in the cutting diagram. With your Kreg Jig® set for 3/4" material, drill two pocket holes in each end of all of the Horizontals.



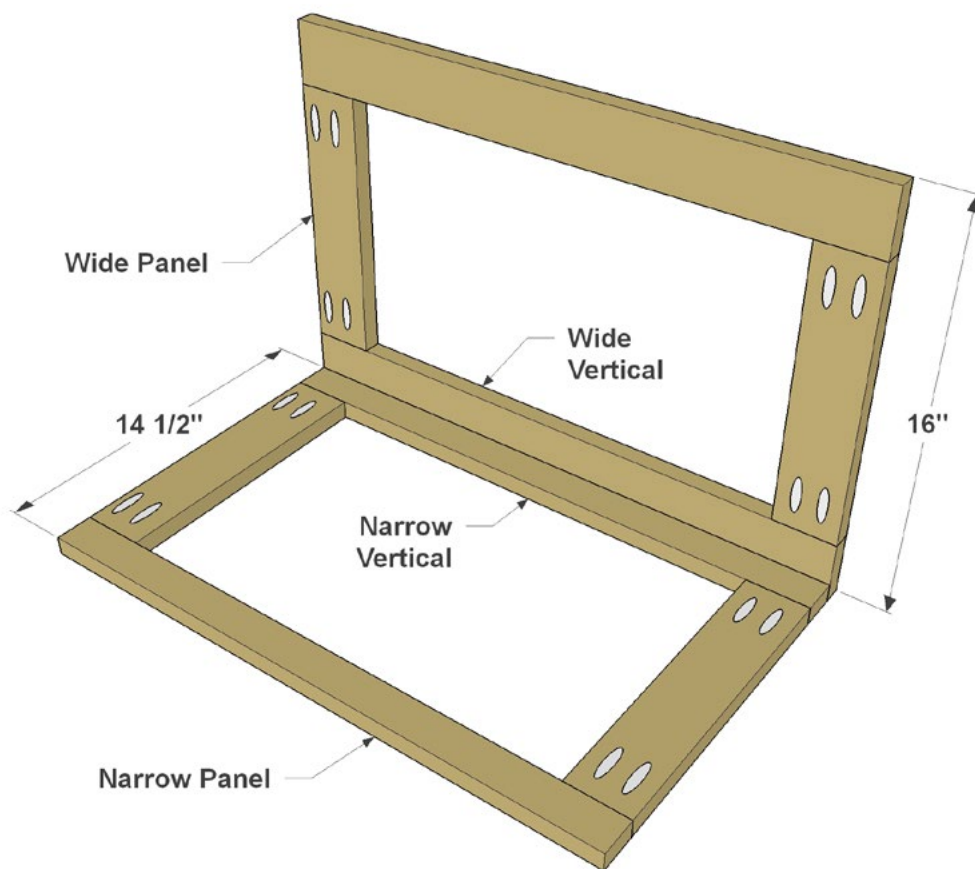
Project Tip: Mark the Parts to Prevent Confusion

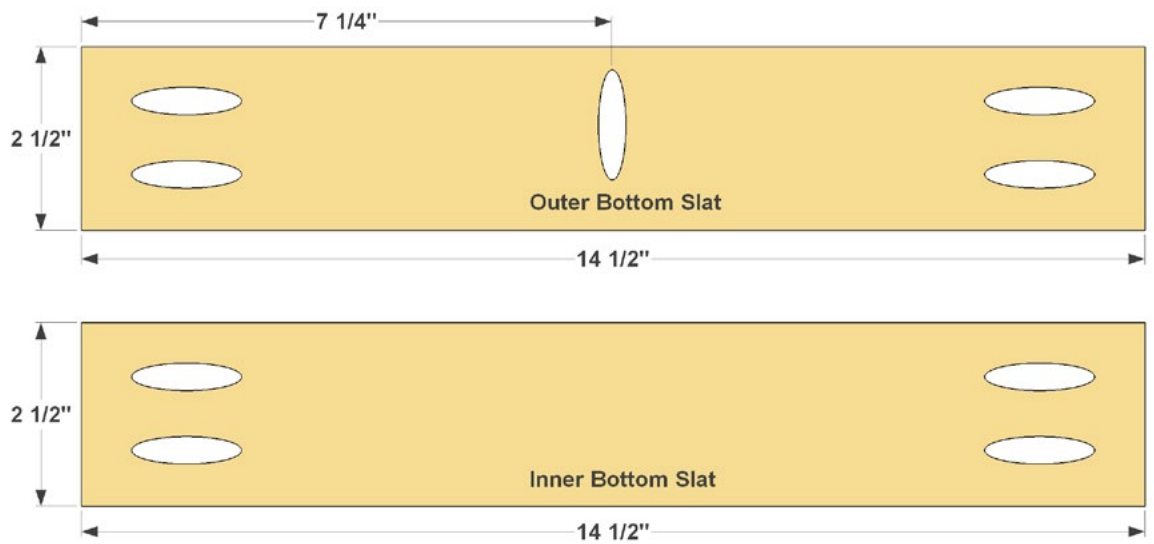
This project is made up of multiple parts that look similar, but actually have slightly different lengths or widths. To keep everything straight, it's a good idea to mark each part with its name. If you're planning to paint, you can simply write the name on with pencil. If you are worried about the pencil marks, apply masking tape, and then write the part name on the tape.



Step 3: Now you need to assemble the panels. Create a pair of narrow panels by joining two Narrow Verticals and two Long Horizontals. Then create a pair of wide panels that are made up of two Wide Verticals and two Short Horizontal boards. Secure the panels with 1 1/4" coarse-thread Kreg® Screws.

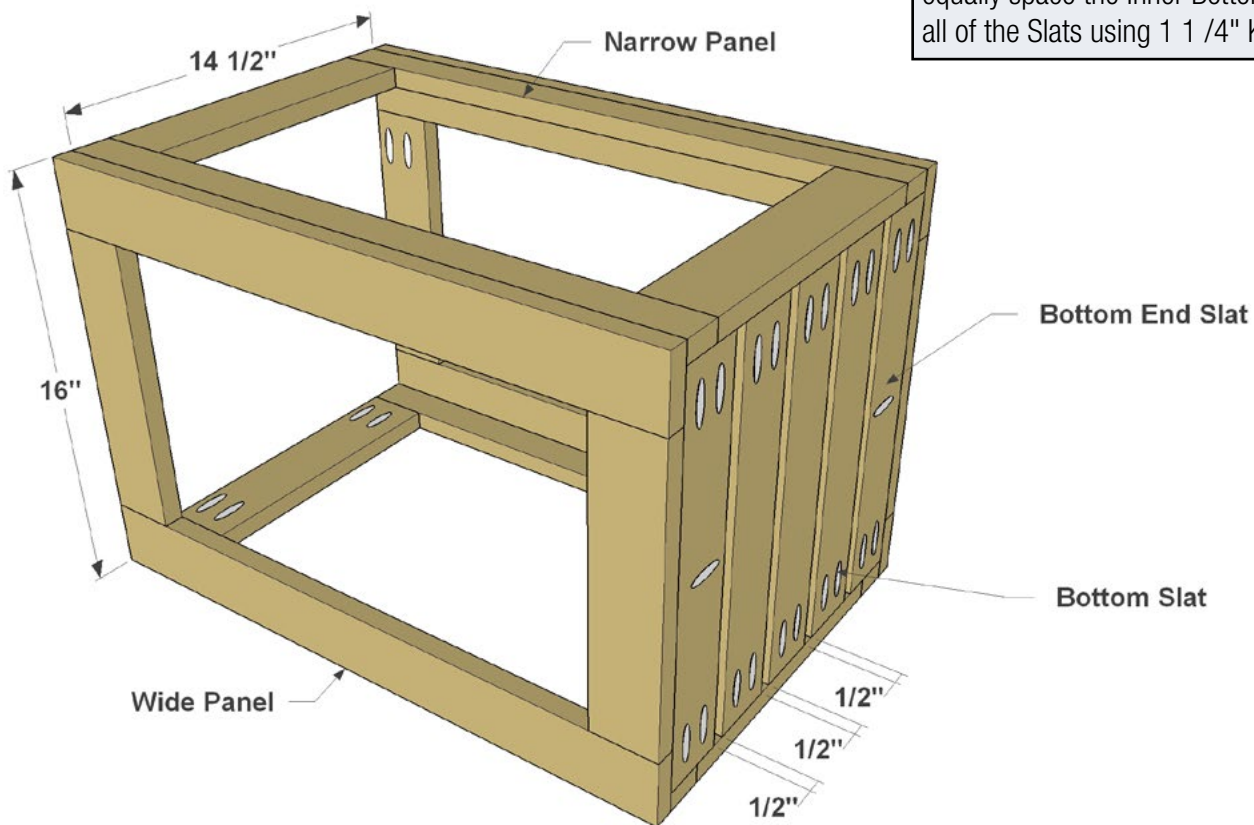
Step 4: Now you can assemble the frame by joining the panels together. Start with one narrow panel and one wide panel. Glue and nail them together as shown (7 or 8 nails should be plenty). A brad nailer works best for this. If you don't have access to one, you can use 1 1/2" brads and a hammer. If you're using a hammer and nails, drill pilot holes first to prevent splitting. Add the two other panels to complete the frame.



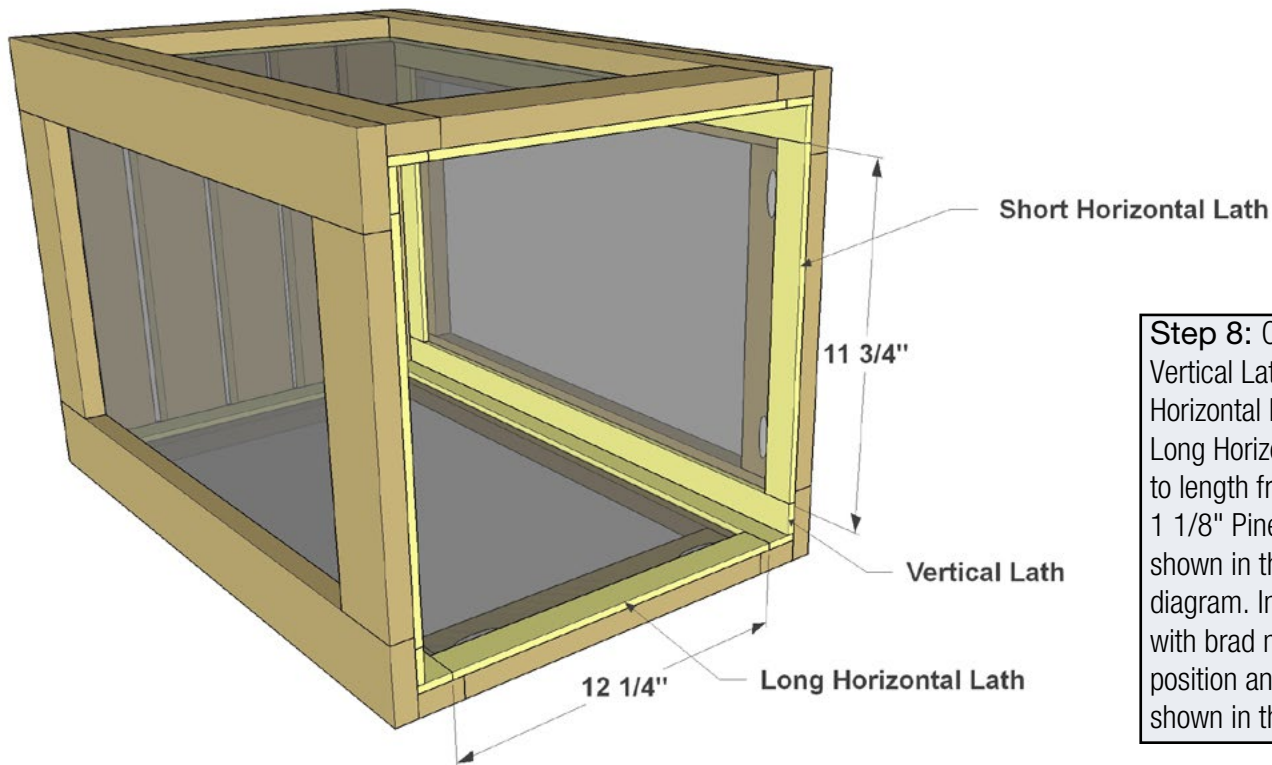
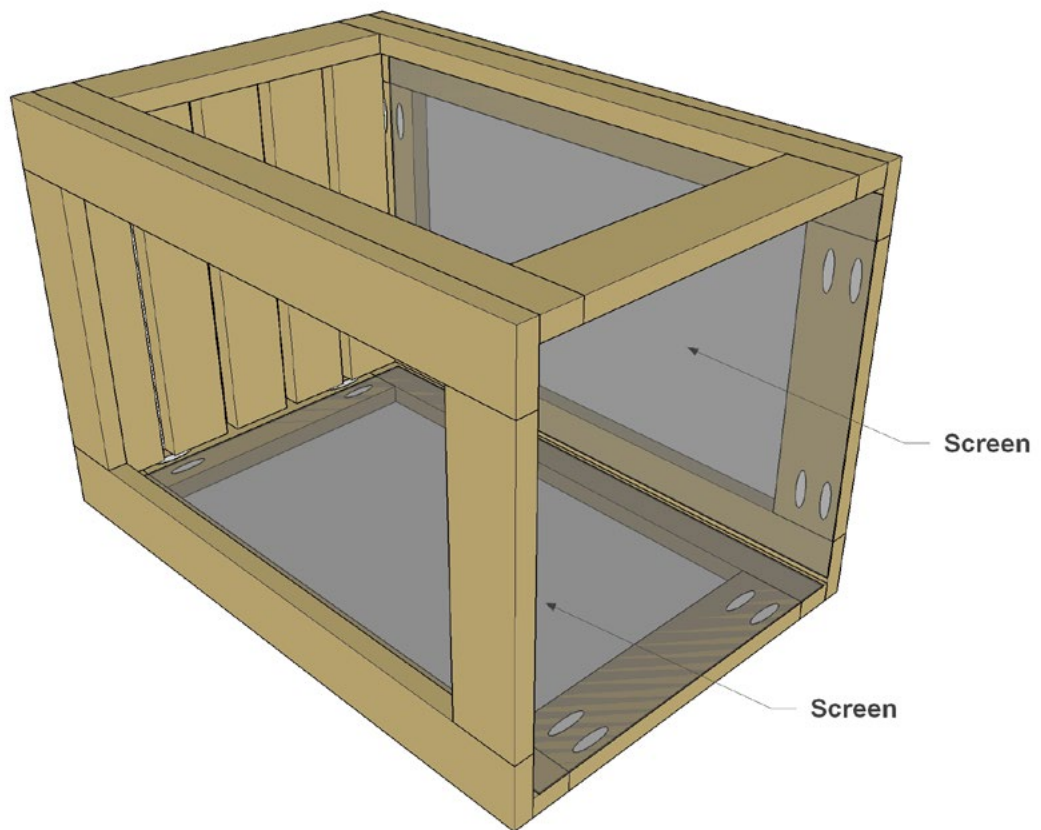


Step 5: Cut two Outer Bottom Slats and three Inner Bottom Slats to length from 1x3 boards. Drill pocket holes in the ends of all the boards. Then, in just the Outer Bottom Slats, drill one pocket hole along the center of one edge as shown.

Step 6: Attach the five Bottom Slats in place on one end of the Frame. Set the two Outer Bottom Slats tight to each side, and equally space the Inner Bottom Slats. Attach all of the Slats using 1 1/4" Kreg® Screws.



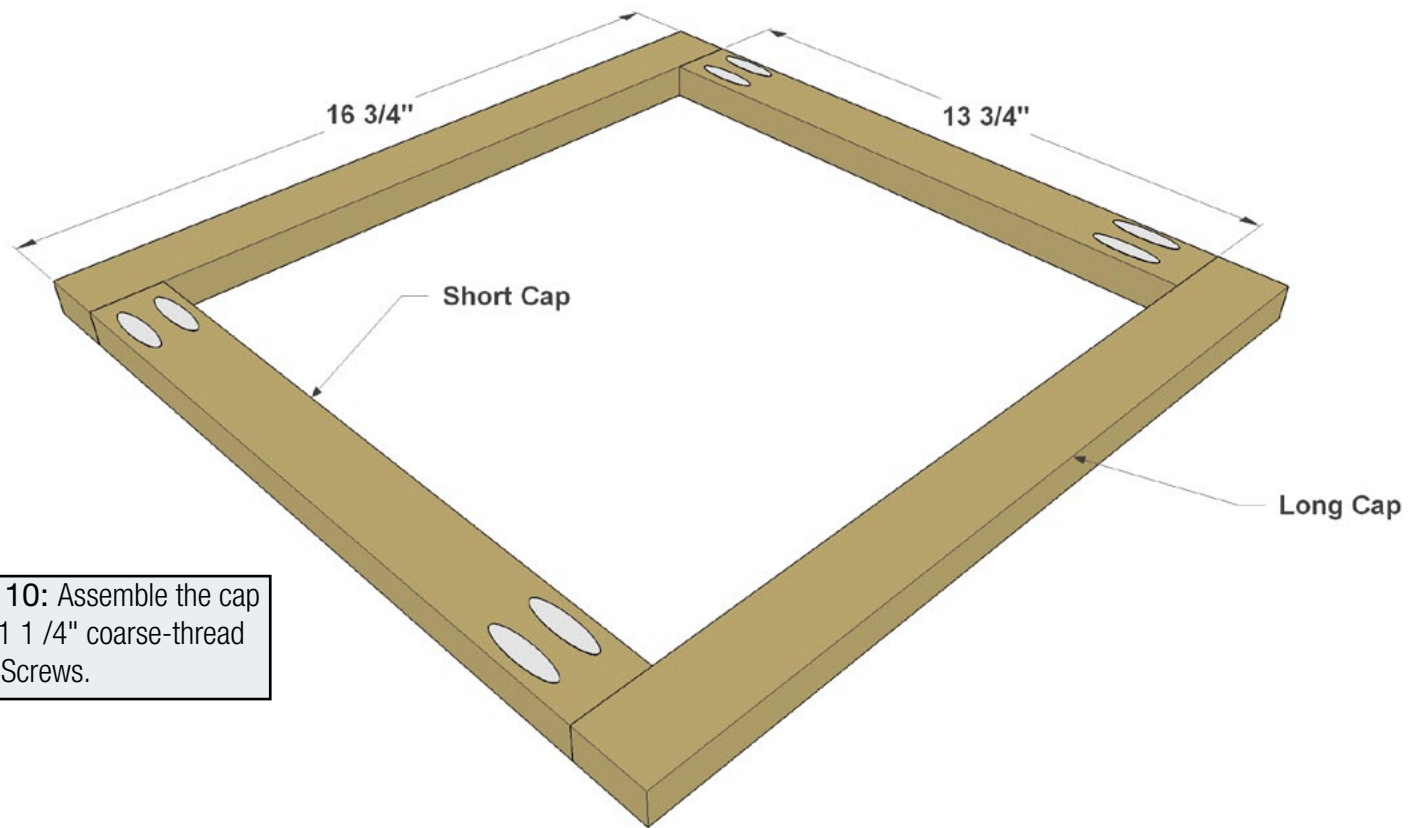
Step 7: Cut four Screen Panels to 14" x 22 1/2" from a roll of pet proof screen 36" x 84" using a straight edge and a sharp utility knife. Install the Screen Panels with a staple gun and 3/8" staples, placing a staple about every four inches. Double check the staples are flat before proceeding to the next step. If not, tap them down with a hammer.



Step 8: Cut eight Vertical Lath, four Short Horizontal Lath and four Long Horizontal Lath to length from 1/4" x 1 1/8" Pine Lath, as shown in the cutting diagram. Install the lath with brad nails in the position and sequence shown in the illustration.

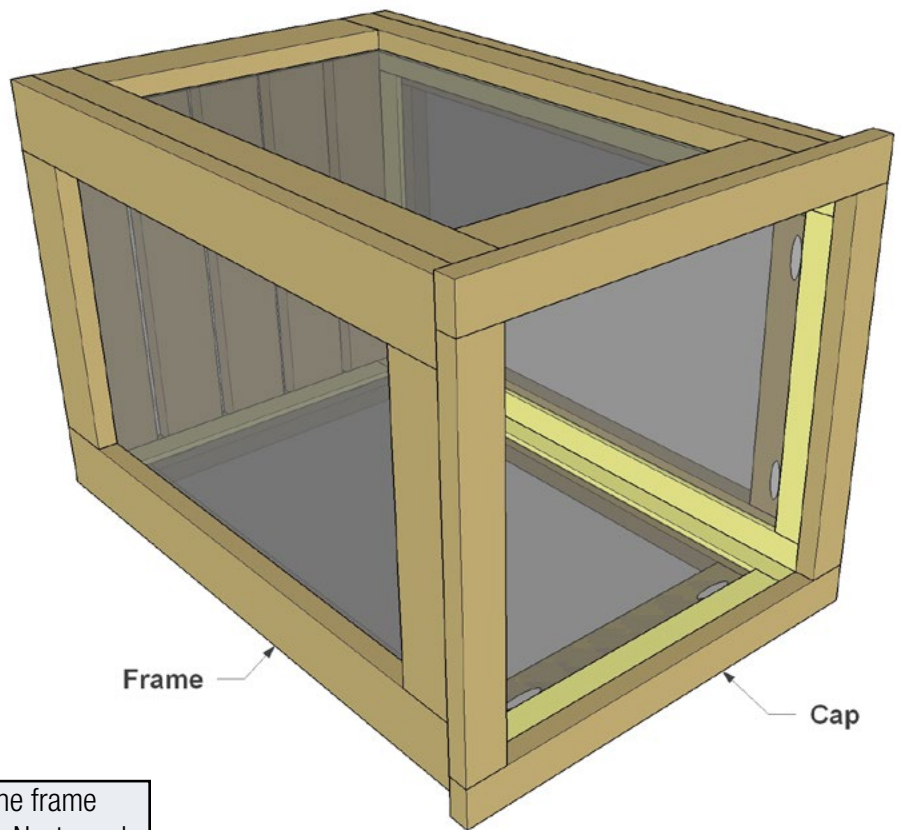
Step 9: Cut two Long Caps and two Short Caps to size from 1x2 boards, as shown in cutting diagram. Drill pocket holes on both ends of the Short Caps.





Step 10: Assemble the cap using 1 1/4" coarse-thread Kreg® Screws.

Step 11: Spread glue on the top edge of the frame, and then position the Top Cap so it overhangs the frame equally on all sides. Secure the cap using 1 1/2" brad nails.



Step 12: Fill any nail holes on the outside of the frame with wood filler, and then sand the filler smooth. Next, apply masking tape around the perimeter of the screens — both outside and inside — to protect them. Then paint or stain with your favorite finish. When the finish is dry, attach the casters with #8 x 5/8" panhead wood screws.