The Canned Food Rotator®

Ever noticed that the can of rice you are looking for is under someone's bed or hidden in a closet under five boxes of wheat and sugar? This shelf unit is designed to put 14 varieties of the cans you use most often in your reach for easy rotation. Each variety has its own shelf and the next can rolls towards you as you remove a can for use. This simple storage system makes rotating your food storage simple and affordable.

This brochure shows the basic ideas and elements of a large-scale fixed shelf unit for No. 10 food storage cans. It is not a complete parts list or set of plans. While plans and parts lists may be posted at a future date on our website, www.kirkhams.org/rotator.htm, we encourage everyone to find a way to store substantial food sources in your home, and use and replenish these staples regularly.

Kirkham Design Services

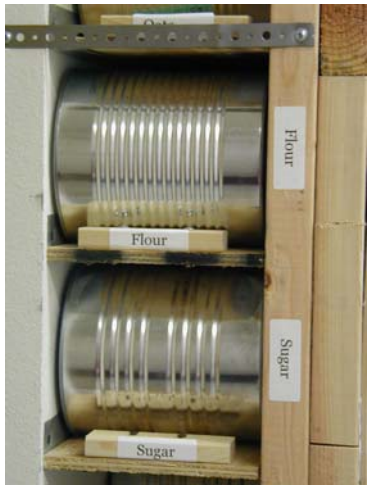
VANDAN CONSTRUCTION

The Canned Food Rotator®

The Canned Food Rotator®

Overview & Installation Guide

Store it to Use it! ™



www.kirkhams.org/rotator.htm

The Canned Food Rotator® — Store it to Use it!™

Designed for maximum storage, this shelf unit holds nearly 200 #10 cans in an 8 ft. by 8 ft. by 10 inch area of your garage or spare room.

Step One:

Build a framed support wall the size of your existing fixed wall. Standard two-by-four construction is best .

Step Two:

Install the lightweight steel flashing rails to the wall, pre-drilling each hole. Seven inch vertical spacing is designed to comfortably hold the can and supporting shelf. Rails should be installed at an incline so that the cans roll toward the front of the unit. A minimum 2% drop is suggested.

Step Three:

Stand framed support wall into position and mark location of opposing rails to be installed.

Step Four:

Install flashing rails to support wall. Pre-drilling holes in the sheet metal helps installation.

The support wall is made of upright supports spaced two feet apart and fastened by multiple screws. Horizontal members are added on the top, middle and bottom for stability. Additional blocking can be added for adhering pegboard. The blocking is illustrated under Step One. In this example lightweight metal flashing was used as shelf support rails. These rails are found in the roofing or window sections of most home improvement stores.

The completed support wall is now ready to be anchored into place. It is designed to fit snugly against the ceiling drywall and the floor. It is fastened securely to ceiling joists and floor where possible. Water heater strapping should be placed at the top, middle and bottom of the shelf unit to secure the support wall to the fixed wall. Be sure strapping does not interfere with the removal of cans. See photo on front cover for placement.

Step Five:

Once secured to wall, the 7 1/4 inch wide by 1/2 inch plywood shelves can be loaded. Simply slide into place. The weight of the filled cans secures the plywood on flashing rails.

Step Six:

The completed shelf is now ready to store your cans. Optional finishing elements include paint, wood stains, drywall, hinged can-stoppers, end doors, and pegboard.