



Melamine Storage System

Installation Guide

Installation Introduction

Overview

No two installations are the same and no installation guide can cover every situation you may encounter. This guide will explain general guidelines and offer tips to help make the job easier.

A good closet sketch with an easy to read design is essential to every installation. A sketch can be completed using the Wood Closet Design Worksheet (Item #11Y500), the Rubbermaid Design Service, or the Rubbermaid Closet Design Software.

Installation time at the job site can be reduced if some of the following preparation is done in the shop:

- Assemble drawers
 - Attach drawer and basket glides to vertical panels
 - Cam locks are placed into fixed shelves
 - Suspension brackets are attached to wall mount vertical panels
 - Floor mount vertical panels are notched for baseboard.
 - Custom cut boards are completed
 - Closet is free of existing shelving
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Chapter 2

Recommended Tool List

Tools Needed for Closet System Assembly

- Cordless Drill with extra batteries and charger
- #2 Phillips bits (magnetic)
- Levels- Torpedo, 24" and 48"
- Hammer
- Rubber mallet
- Drill bit set (Irwin Brad Point Set* recommended)
- #2 Phillips screwdriver- "stubby", regular and large
- Flathead screwdriver
- Stud finder
- Utility Knife
- Framing Square
- Pliers
- 4 ft. step ladder
- Measuring tape
- 2" drywall screws
- Safety goggles
- Putty knife
- Spackle
- Shop vac
- Extension cord
- Common wood cleaner

Tools Needed for Cutting Shelves

- Circular saw
- Triple-chip carbide saw blade (Irwin Marathon 10" 80 tooth blade* recommended – Item #14076)
- Rubbermaid cam hole jig with drill bit
- 60 or 80 grit sandpaper with sanding block
- Coping or jig saw

Tools Needed for Cutting Chrome Hang Rod

- Hack Saw
- Miter box
- Metal file

*More information on the Irwin items can be found by visiting Irwin.com or by calling 1-800-GO-IRWIN.

Chapter 3

Installation of Wall Mount Units

Install the Wall Mount Rail

- 1) Measure 81" from the floor and draw a level line across the wall where the system is to be installed. (The bottom of the rail should measure 81" from the floor.)
 - Installing the rail at that point will make the top of the system 84" high. Adjust accordingly if a different height is needed. Reach-in closets with lower headers may need a lower line.
- 2) Locate and mark all studs in the wall. If no stud is within 6" of the ends of the rail, mark the wall to install Toggle bolt #FG3F79H1WHT in the last hole. Be sure to stay in even inch increments from the nearest stud.
- 3) Cut the mounting rail and plastic cover $\frac{1}{2}$ " shorter than the wall span to make the rail easier to fit on the wall and for the holes to line up with the studs. (Note: Cover should be cut to length of rail. Wall brackets will hang over cover.)
- 4) Remove the plastic cover and attach the rail to the studs with 2" screws (Item #FG3F70H1STEEL). It is easier to start at the center and work out.
- 5) Snap on plastic rail cover



Hang Vertical Panels

- 1) Attach suspension brackets to vertical panels using Euro screws. The bracket needs to be on the inside of the panel. On vertical panels in the center of a run, the suspension bracket can be installed on either side, **but not both**. The panels are pre-drilled for ease of installation.
- 2) Hang vertical panels in their approximate location on the wall. The hook of the suspension bracket should hang over the rail and plastic rail cover.



Attach Fixed Shelves

- 1) Insert cam bolts (Item #FG3F66H1BCHRM) into the top hole of both rows of each vertical panel. If a panel is a “common panel” (i.e. it has fixed shelves on both sides) use a double end dowel (Item #FG3F82H1BCHRM) instead of the cam bolt.
- 2) Insert the cam locks (Item #FG3F61H1BCHRM) into all predrilled holes of the fixed shelves.
- 3) Starting with the top shelf in each section and working left to right, align the fixed shelf onto all four cam bolts and tighten the locking mechanism. Cam locks only require 20lbs of force and a clockwise turn of 180 degrees. Excessive force or over tightening may result in improper assembly or damage to cam lock.

- 4) All vertical panels should now be in their correct locations.
- 5) Attach other fixed shelves as designed.

Note: Each section must have at least two fixed shelves. Shelf tower sections should have three fixed shelves.



Cam Lock



Cam Bolt

Level the Unit

- 1) Using the adjustment screws on the suspension bracket draw the vertical panel as tight to the wall as possible. Then adjust 'in and out,' and 'up and down' as necessary to level and create the proper alignment between units.
- 2) Snap the suspension bracket plastic cover over the bracket to give the system a finished look.



In and out adjustment Up and down adjustment



Plastic bracket cover

- 3) For added strength and stability, use a plastic angle bracket (Item #FG3F67H1WHT/ MAPLE/CHERY) to secure the bottom of the vertical panel to the wall. Use a toggle bolt if no stud is present.

Install Hang Rod

- 1) Place brushed chrome pole cups (Item #FG3F72H1BCHRM) in desired locations.
- 2) Cut oval hang rod 5/16" shorter than the length needed to allow for the pole cups. (i.e. a 24" section would use a 23 11/16" pole)
- 3) Drop hang rod into pole cups



Pole Cup

Install Adjustable Shelves

- 1) Place adjustable shelves into sections as noted on design by placing four shelf pins (Item #FG3F80H1CHROM) into system holes.
- 2) Push pins in far enough so shelf rests evenly on tops of flat end of the four pins.



Shelf Pin

Accessory Installation

- Follow the instructions included with the kits for the assembly of drawers, doors, baskets, and hampers

Final Touches

- Clean the system using a common wood cleaner. Then vacuum the area thoroughly. Maintaining a professional image will drive referral sales.

Installation of Floor Mount Units

Overview

The installation of floor mount units is very similar to wall mount units. The major difference is in how the first section is assembled.

- 1) Work from one end of the closet to the other by laying the first two vertical panels on the floor with the edgebanded side touching the floor. If possible, position the section as close to its position on the wall as possible.
 - 2) If base molding is present, the back of the vertical panels must be notched to allow for clearance.
 - 3) Attach the fixed shelves as designed. Every floor mount section must have at least three fixed shelves for stability.
 - 4) If a toe kick is called for, place the bottom cam bolts four holes up from the bottom and attach them to the cam locks imbedded in the fixed shelf. Install the toe kick bracket (plinth) in the second and third holes from the bottom.
 - 5) Pick the section up and place it as close to the sidewall as possible.
 - 6) Square the unit and attach it to the wall by using a metal angle bracket (Item #3F84H1WHT). Secure one side of the bracket to the top shelf and the other side to a stud. If no stud is available, use a toggle bolt.
 - 7) Continue along the wall by joining the top fixed shelves to each vertical panel. Then attach the other fixed shelves as designed.
 - 8) Once all fixed shelves are in place, secure each section to the wall with the metal angle brackets.
 - 9) Hang rods, adjustable shelves, and accessories are installed in the same manner as in the wall mount system.
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Chapter 5

Custom Cuts

Overview

A custom cut section is usually needed to fit the system within a storage area. By using the Rubbermaid cam hole jig, this process is simple.

- 1) Select a stock sized board that is larger than the required width (i.e. use a 30" board for a 28 ½" custom section.)
- 2) Make the appropriate cut using a circular saw with a triple chip, carbide blade designed for cutting melamine.
- 3) For fixed shelves, use the template to professionally bore the cam lock holes.
- 4) Assemble the section as previously described.



Chapter 6

Drawer Positioning

Overview

Learning how to attach drawer runners correctly can save a great amount of installation time. For experienced installers, it is easier to install the runners to vertical panels prior to mounting the vertical panels to the wall.



10" Drawers

- 1) Start from the bottom drawer and work up. The lowest runner should be placed in the 5th hole above the lowest fixed shelf. Attach drawer runners to the vertical panels with Euro screws ensuring the runner marked "CR" is on the right and "CL" is on the left.
- 2) Attach the other drawer runners in a similar manner, spacing every 8th hole, and every 6th hole for a transition to a 5" high drawer.
- 3) A fixed shelf must be installed above the top drawer. If a 10" drawer is the top drawer, the cam bolts should be placed 5 holes above the top runner.

5" Drawers

- 1) Start from the bottom drawer and work up. The lowest runner should be placed in the 3rd hole above the lowest fixed shelf, or in the 6th hole above a 10" drawer runner. Attach drawer runners to the vertical panels with Euro screws ensuring the runner marked "CR" is on the right and "CL" is on the left.
 - 2) Attach the other drawer runners in a similar manner, spacing every 4th hole.
 - 3) A fixed shelf must be installed above the top drawer. If a 5" drawer is the top drawer, the cam bolts should be placed 1 hole above the top runner.
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Tie and Belt Racks

Overview

Follow the diagram below for easy installation of tie and belt racks. They are attached to the vertical panels with Euro screws.

