

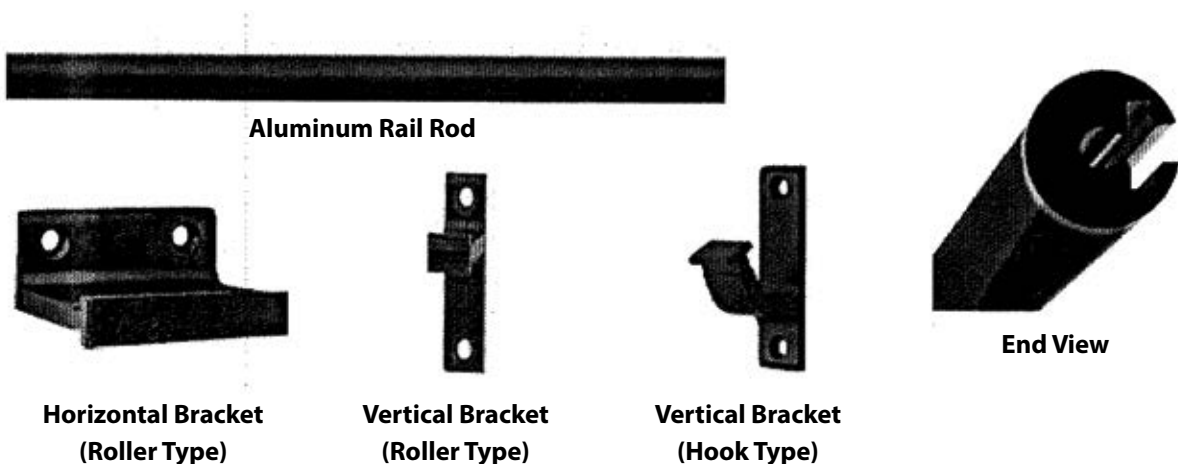
## ROLLING LADDER GENERAL INSTALLATION/SPECIFICATION GUIDE

### TOOLS:

- 4mm & 5mm Allen wrenches.
- #2 Phillips & #2 Square screwdriver.
- 1/4" x 20 thread tap.

### STEP 1:

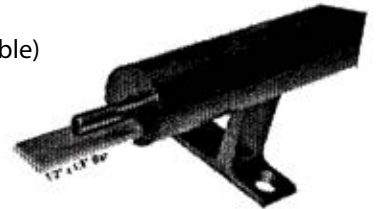
**(A)** Slide the brackets into the rail. The recommended maximum spacing is 32 inches apart. The brackets for the end of the rail should be placed flush at the ends. Pre-drill holes in the wood if needed and screw the brackets in place.



**(B)** Use the Alignment Pin and Alignment Bar to connect the rails together. (If applicable)

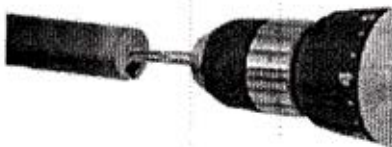


Alignment Pin and Bar inserted into rail to connect another section of rail.



**(C)** Tap the end of the rail with a 1/4" x 20 tap (not supplied) to screw in the end stop finial (done before installation of rail). Install end stop with the screw provided.

**NOTE: Leave at least a 7 inch clearance above the rail for the top guide hardware to operate properly, and allow the ladder to move against the wall for storage.**



## STEP 2:

Pre-drill 23/64" holes for rung support rods below rung and screws for rung installation.



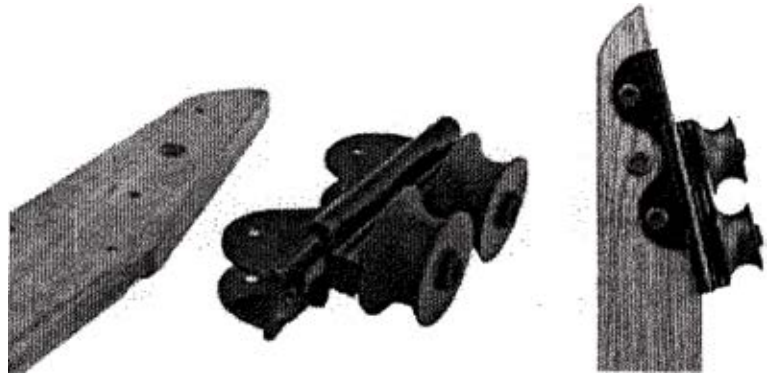
Install rung with screws provided #8 x 2",

Install rung support rods.



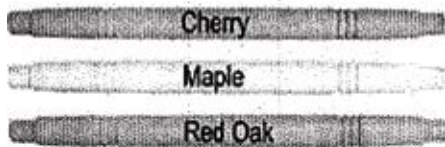
## STEP 3:

Drill holes and install the top guides to the ladder centering the top dowel (top dowel recommended) of the ladder. The placement of the holes will allow for a small adjustment to the of height of the ladder, either up or down.



## STEP 4:

Drill holes and install the Round Top Support Dowel.



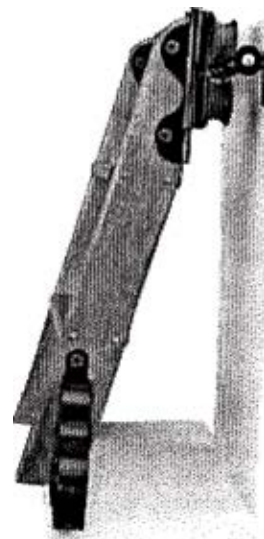
### Round Top Support Turning

16 1/4" long x 1 1/4" dia., 7/8" dia. ends.

14 3/8" Inside Width Unfinished

## STEP 5:

Line up the bottom rollers vertical to the floor when the ladder is in the climbing position. Pre-drill holes and install the bottom rollers.

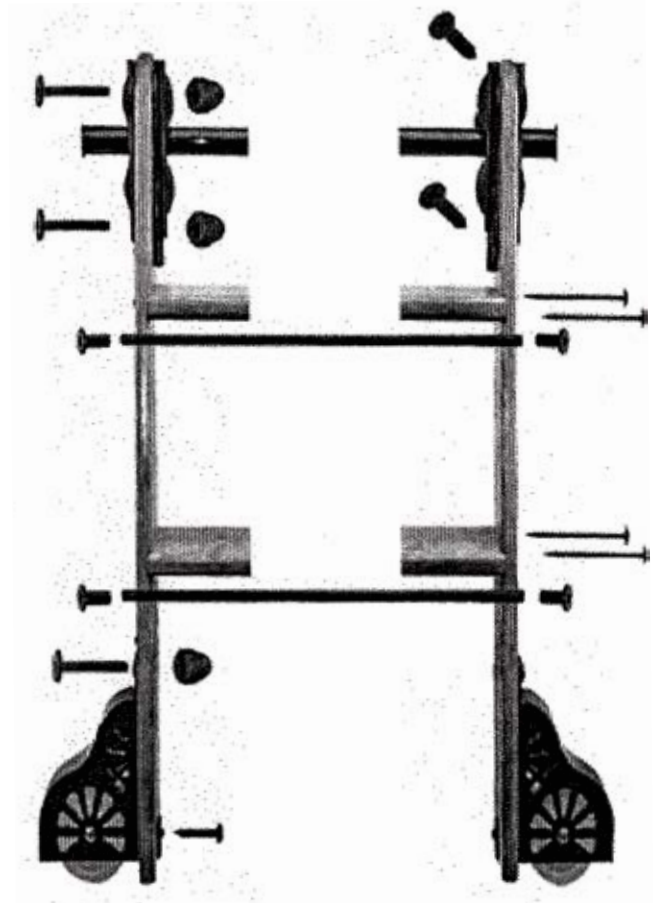
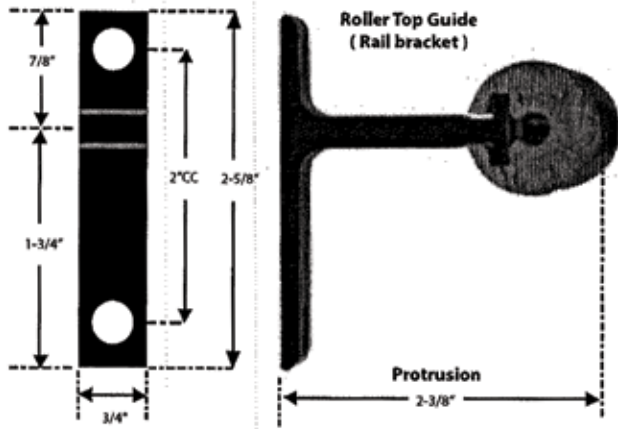


Ladder in the climbing position

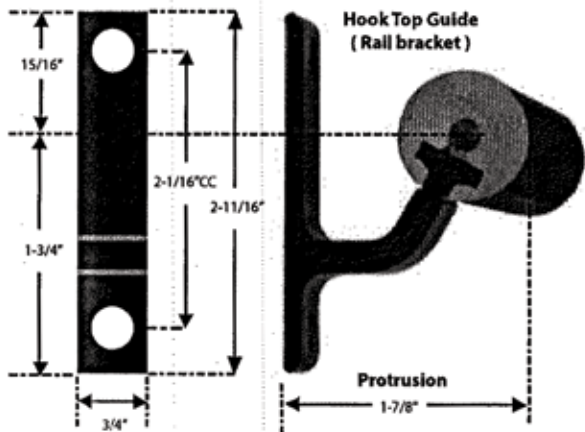


Ladder in the stored position

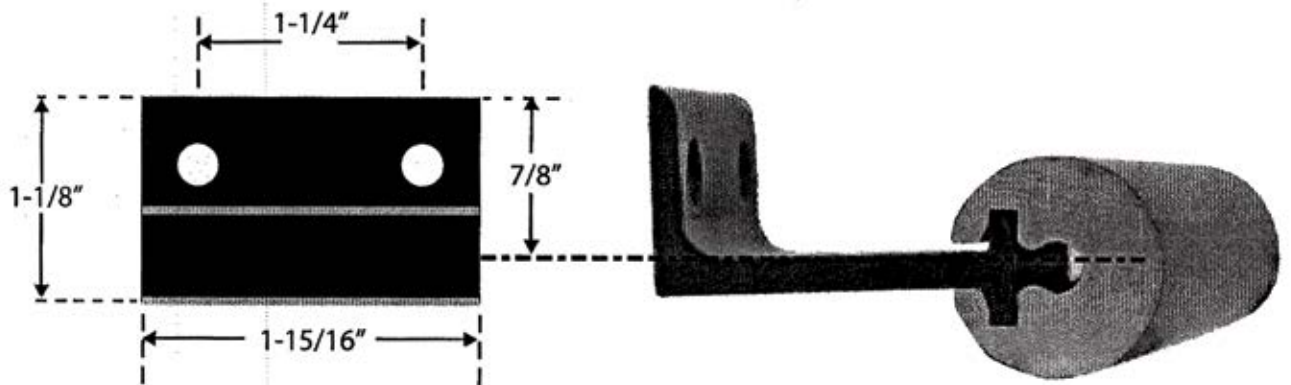
**RAIL BRACKET - ROLLER TYPE**



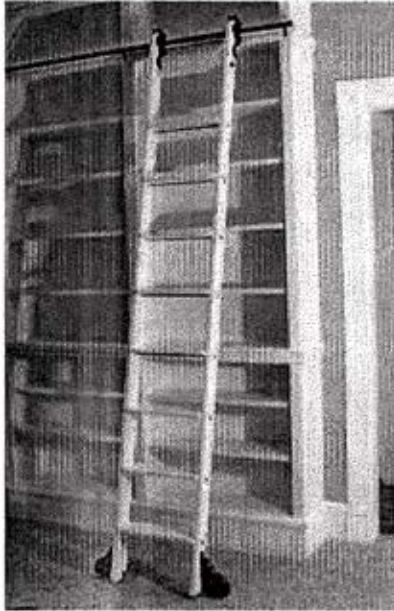
**RAIL BRACKET - HOOK TYPE**



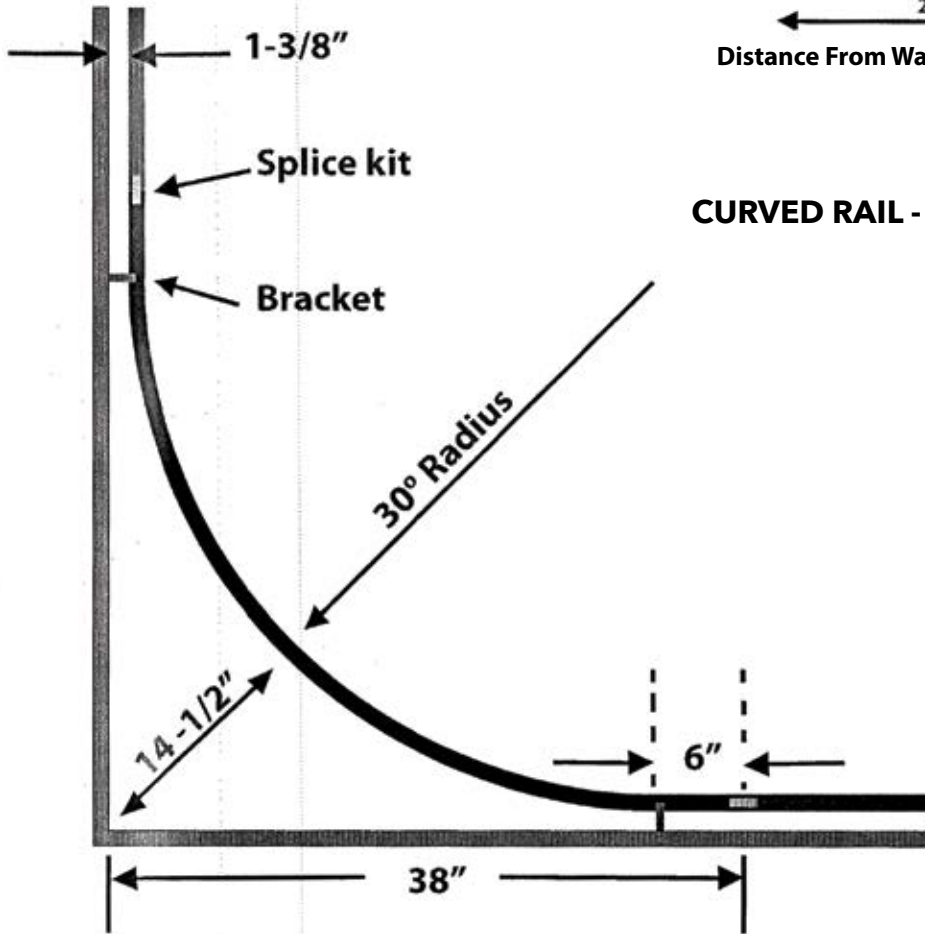
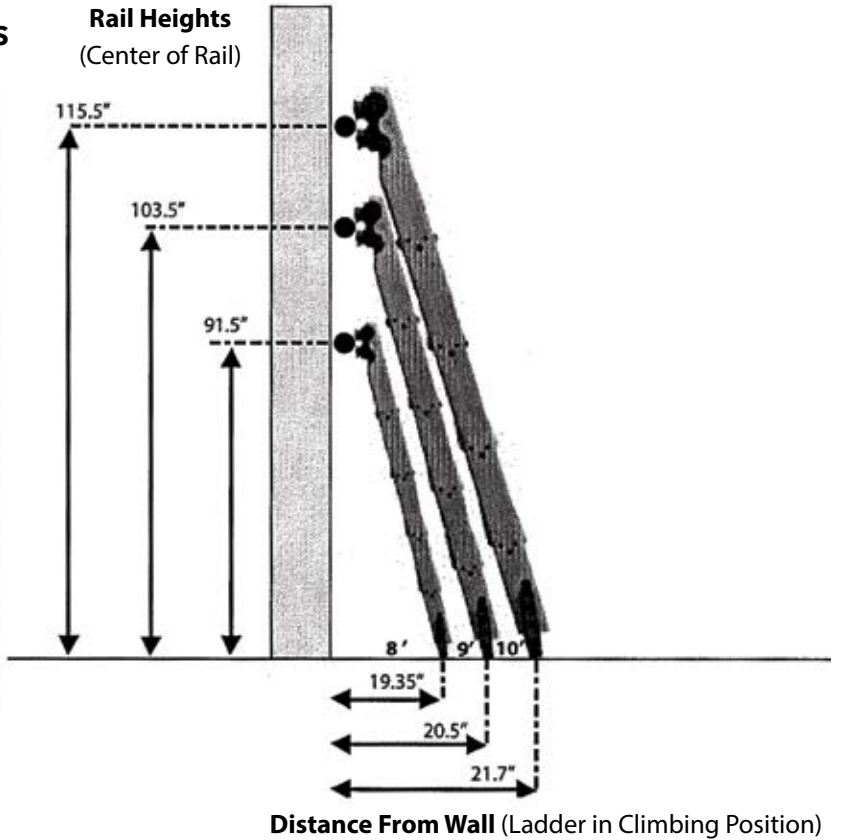
**RAIL BRACKET - HORIZONTAL ROLLER**



**RAIL HEIGHT AND DISTANCE  
FOR 8', 9', 10' STANDARD LADDERS**



**Rail Heights  
(Center of Rail)**

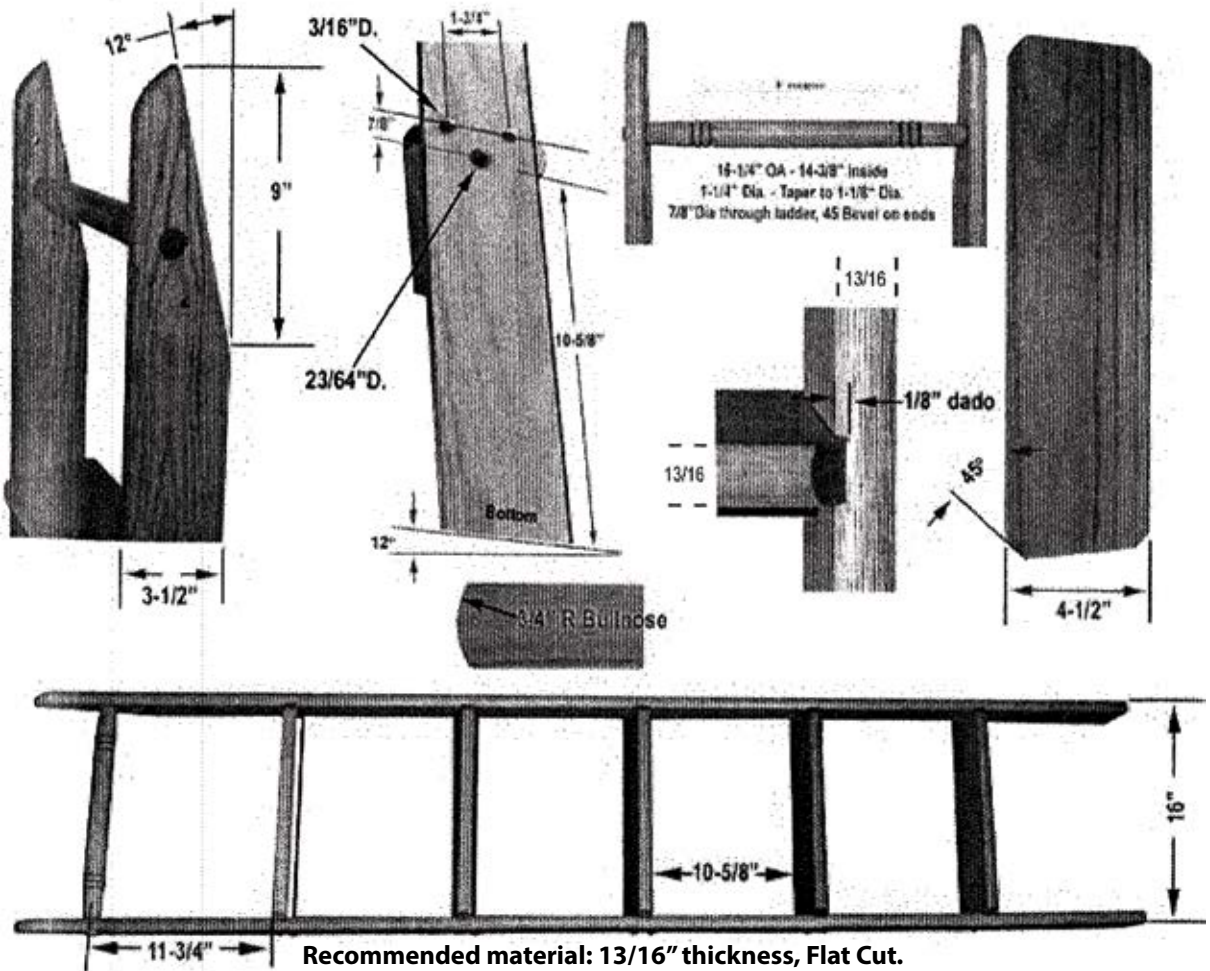


**CURVED RAIL - RADIUS DIMENSIONS**

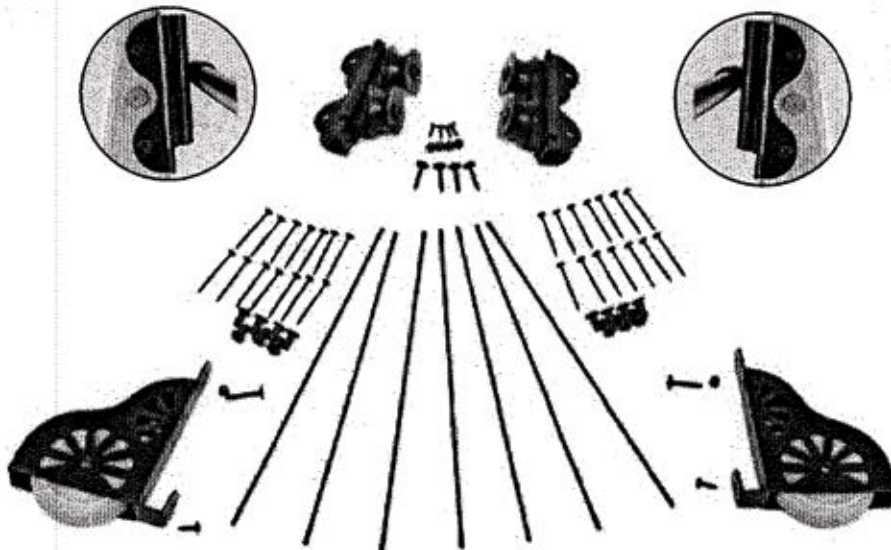


## MAKE YOUR OWN LADDER

To determine the length of the ladder: Measure from the center of the rail to the floor, then add five inches to the measurement.



## ROLLING LADDER HARDWARE KITS



Outwater Industries, Inc. assumes no liability for improper installation.