

# *Groves Incorporated*

## Ready Rack Red Rack Wall Mounted Rack RRWM-(Number of Compartments)/18, 20 or 24 Assembly Instructions & Parts List

### Parts List



BF-18, 20 or 24



DP-20



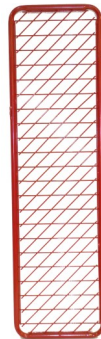
HBS-18, 20 or 24



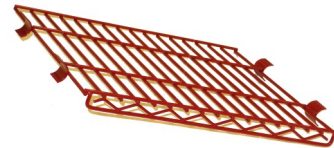
HP



SP-18, 20 or 24



RD-18, 20 or 24



SS-18, 20 or 24



PEC



EPS



HWGR



BPH



LAB



ECP



DKH-C or O



GDH



HH



WMK



PC-4



HLBS



## Step 1

Start with a box of back frames (BF-18,20 or 24). On each back frame there is a square finished side and a tapered side. The finished side will be on the left. It is easier to start with one back frame for placement. Hold the frame against the wall and find your desired height. We recommend at least six inches off the ground. Once you have decided on a height you will want to mark your bracket placement.

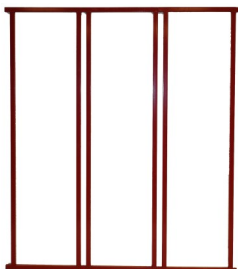
## Step 2

The wall mount clips (WMK) are what hold the rack to the wall. Slide one of the clips over the top and bottom rails of the back frames. There will be a hole in the center of the wall mount clips. Use a marker to make a dot on the wall through the hole. These two spots will be where you drill your first two holes.



## Step 3

Drill holes using a 3/8" masonry bit and power drill (a hammer drill is recommended). Once the holes are drilled you can install the first back frame. Hold the frame against the wall and line up the holes on the wall mount clip with the holes you just drilled. You may use any suitable masonry wall anchor that is 3/8" diameter. Make sure anchors are installed tight and back frame is snug against wall. Now you can install the remaining back frames.



## Step 4

If your wall mount unit has an odd number of compartments. You will use two wall mount clips in every other compartment. If you have an even number of compartments you will still use two clips every other compartment plus two on the end unit. You will install these clips the same way that you did on the first back frame in step 3.

## Step 5 - If you have the Security Option use Step 5A

Once you have all of your back frames installed you can install the divider panels (DP-20). Each divider panel has two bolts attached to it. These bolts will be used to install the panels to the back frames. When installing the divider panels be sure that the grid pattern on all panels is going the same way. Slide the divider panel into the opening between the back frames. When the panel is in place slide the bolts down through the hole in the top and bottom of the back frame and into the divider panel. Use a 9/16" wrench to tighten the bolt into the divider panel. You will need to repeat this process for the bottom of the divider panel.

### Step 5A

Once you have all of your back frames installed you can install the divider panels (DP-20). Each divider panel has two bolts attached to it. These bolts will be used to install the panels to the back frames. When installing the divider panels be sure that the grid pattern on all panels is going the same way. Slide the divider panel into the opening between the back frames. When the panel is in place slide the bolts down through the hole in the top and bottom of the back frame and into the divider panel. Use a 9/16" wrench to tighten the bolt into the divider panel. You will need to repeat this process for the bottom of the divider panel. For security application do not over tighten the bolts. Once all security divider panels are in you can install the security shelves (SS-18, 20 or 24). The lip of the security shelf should face front and downward. Slide the half circle mount on the shelves over the circular tube at the top of the divider panel. Once both sides are in go back and tighten down the security divider panels to hold the shelf in place.



### Step 6

With the back frames and divider panels installed. You can move on to the helmet/boot shelves (HBS-18, 20 or 24). Determine your desired height for the shelves. To install, tilt the shelf at an upward angle and slide the downward facing hooks through the diagonal wires of the divider panel. Then lower the shelf and place so that hooks from both sides of the shelf are level. Repeat this process until the top layer of shelves and bottom layer of shelves are all at the same height and level.



## Step 7

At this point you may now install the hanging pole and closed loop hangers. You will need to install these items together. Feed the hanging pole through one side of the rack. Space out the hanging wire grommets (HWGR) evenly across the unit ensuring there is one at either end. As you slide the pole through each compartment, slide a hanger over the pole. Once complete, you will attach the hooks of the hanging wire to the helmet shelf above.

## Step 8 - If you have the Security Option use Step 8A

Finally, to install the name label holder slide the top of the holder over the front of the shelf and press down. At this point you may install the bunker pant hooks (BPH) and any other optional accessories you have purchased. Such as additional hangers, helmet holders or personal property boxes.



## Step 8A

Finally, to install the name label holder slide the top of the holder over the front of the shelf and press down. At this point you may install the bunker pant hooks (BPH) and any other optional accessories you have purchased. Such as additional hangers, helmet holders or personal property boxes. Starting at the far left locker compartment, attach the door latch to the middle set of pre-drilled holes on the first divider panel. Put the latch on the inside of the compartment and insert one nut into the latch. Insert the screw into the recessed hole on the other side of the divider panel and tighten with an allen wrench. Move to your right and install the hinge brackets on the second divider panel. Attach the hinge to the right side of the divider panel at the top set of pre-drilled holes and insert one nut. Now insert one screw on the other side and tighten with the allen wrench. Repeat the process with the other hinge bracket on the bottom set of holes. Keep repeating the entire process working your way to the right. Make sure you have all latch and hinge brackets attached before installing the security doors.



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