45 RMU OPEN RACK
4 Post Rack Assembly

Three hardware groups are included: Equipment Mounting Hardware, Main Rack Assembly Hardware, and Extension Hardware. Keep them separate during assembly.

EQUIPMENT MOUNTING HARDWARE
Smaller hardware set (for mounting equipment).

SCREW WASHER



#12-24 Phillips Head Screw - 40 pcs
For mounting compatible equipment onto the assembled rack

#12-24 Flat Washer - 40 pcs
Use with the #12-24 screws. Not used to assemble the rack frame

MAIN RACK ASSEMBLY HARDWARE
Larger hardware set (for assembling the rack frame).

BOLT NUT WASHER



3/8" × 1" UNF Black Bolt - 24 pcs
Main rack-frame assembly hardware

3/8" Nut - 24 pcs
Use with the 3/8" bolts

3/8" Flat Washer - 24 pcs
Use with the 3/8" bolts and nuts

EXTENSION HARDWARE

BOLT FLANGE NUT



Button-Head Extension Bolt - 4 pcs
Secures the adjustable extension pieces at the top and bottom of the rack

Serrated Flange Nut - 4 pcs
Use with the extension bolts at the connection points

TOOLS NEEDED



- **Included** Allen Key
- 14 mm Socket and Wrench
- 11 mm Socket or Wrench
- Phillips Head Screwdriver

QUICK REFERENCE

#12-24 Screws + Washers	3/8" Bolts + Nuts + Washers	Extension Bolts + Flange Nuts
Mount equipment ON the rack	Assemble the main rack frame	Secure adjustable extension pieces

Florida (HQ) 800-749-2447
California 951-696-7772
New York 845-391-8318
Texas 713-322-7242

verticalcable.com

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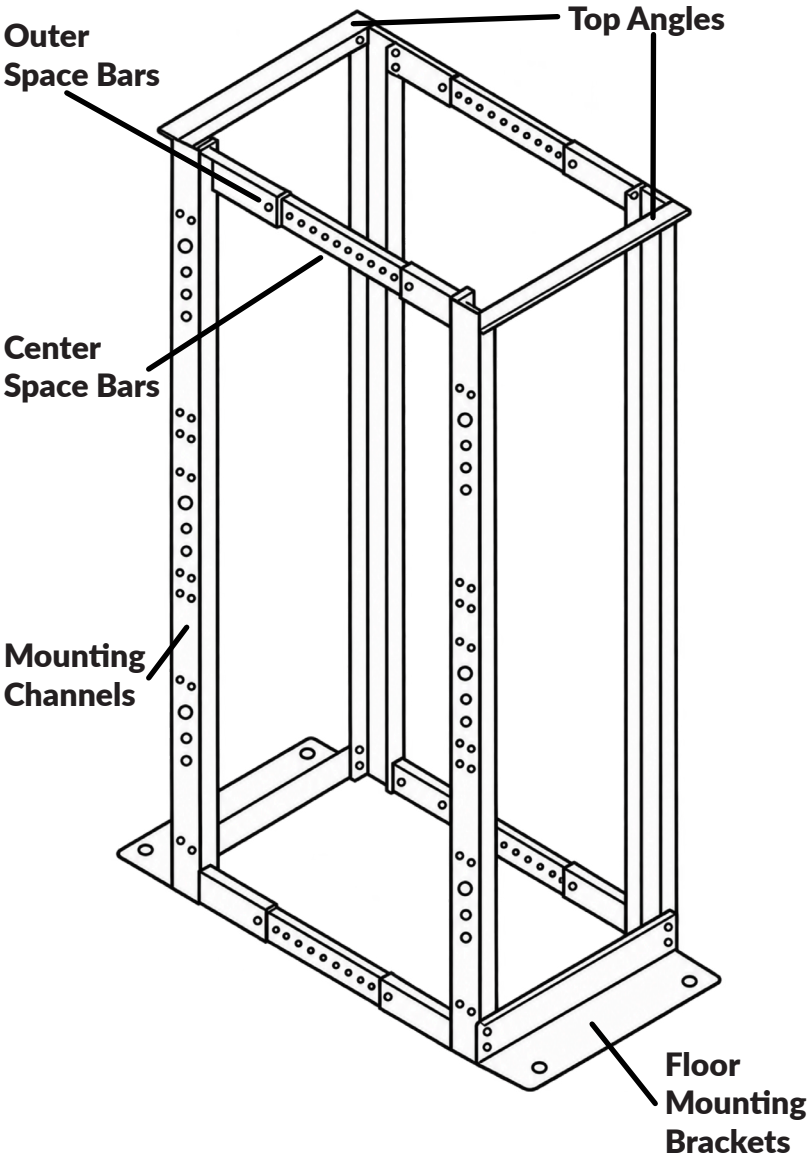
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45 RMU OPEN RACK

4 Post Rack Assembly

IMPORTANT: Do not fully tighten the rack-frame hardware until the rack is assembled, aligned, and square.



1 Attach Floor Mounting Brackets

HARDWARE: 3/8" Bolts + Nuts + Washers

Attach the front and back floor mounting brackets to the vertical mounting channels. Keep the connections slightly loose for alignment.

2 Install Outer Space Bars

HARDWARE: 3/8" Bolts + Nuts + Washers

Install the Outer Space Bars on each side immediately after the floor brackets. Keep the connections slightly loose. This helps the frame stand and makes the next steps more manageable.

3 Attach Top Angles

HARDWARE: 3/8" Bolts + Nuts + Washers

Attach the Top Angles of the open rack to the vertical mounting channels. Confirm the front and rear frames are oriented the same way.

4 Install Center Space Bars

HARDWARE: 3/8" Bolts + Nuts + Washers

Insert the Center Space Bars and set the desired depth. Keep both sides adjusted equally.

5 Secure Extension Pieces

HARDWARE: Extension Bolts + Flange Nuts

Use the 4 extension-bolt sets at the designated adjustable connection points on the top and bottom sections. Confirm alignment before tightening.

6 Square & Tighten

HARDWARE: All 3/8" Bolts + Extension Bolts

Check that all four mounting channels are straight, both sides are set to the same depth, and the rack sits flat. Once aligned, securely tighten all rack-assembly hardware.

7 Attach Floor Mounting Brackets

HARDWARE: 3/8" Bolts + Nuts + Washers

Attach the front and back floor mounting brackets to the vertical mounting channels. Keep the connections slightly loose for alignment.

FINAL CHECK

Verify all rack-frame connections are secure, all extension connections are tightened, both sides remain at the same depth, and the rack does not rock or twist.

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