

# APC® NetShelter®

## 4-Post Rack — AR202

### Unpacking and Inspection

Before unpacking:

1. Inspect the carton for damage. If you detect damage, notify the carrier.
2. Remove the components from the carton and inspect them for shipping damage.

**Note:** The mounting hardware is enclosed in a separate plastic bag located inside one of the packaging inserts glued to the main carton. Remove it before discarding the carton.

### Inventory

The following table lists the parts that are included with the NetShelter 4-Post Rack. Item numbers appear in parentheses ( ) in the installation procedure on the reverse side of this sheet.

**Inventory of the NetShelter 4-Post Rack**

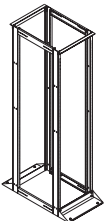
Item	Component	Quantity
<b>Rack</b>		
1	3" Extruded Upright	4
2	1½" × 1½" Extruded Top Angle	2
3	3½" × 5½" Extruded Reinforced Bottom Angle	2
4	Adjustable Spacers (27–32")	4
<b>Hardware</b>		
5	3/8"-16 × ¾" Hex Head Bolt	24
6	3/8" Split Lock Washer	24
7	#12-24 Screw (for installing equipment)	50
8†	¼"-20 × 5/8" Carriage Bolt	16
9†	¼"-20 Hex Nut	16
10†	¼" Flat Washer	16

† Part of adjustable spacer assembly.

### Tools Required

You will need the following tools to assemble the rack:

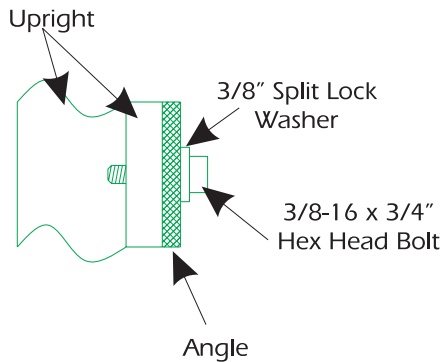
- 7/16" box-end wrench
- 9/16" box-end wrench



## Installation

Refer to the figure at right:

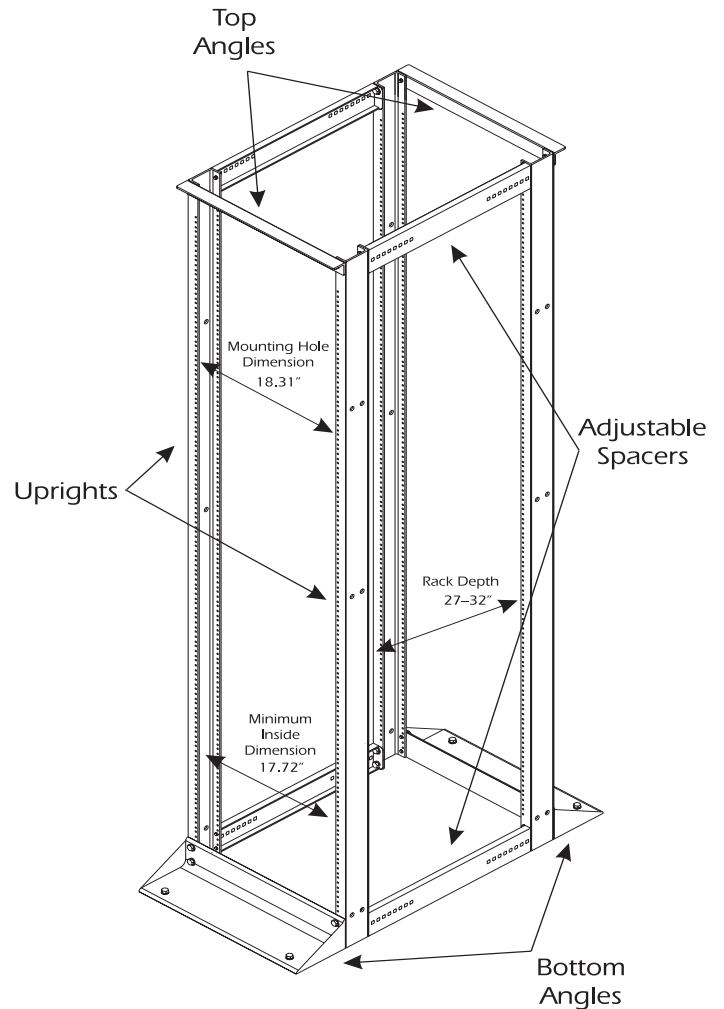
1. Place the uprights (1) on a flat surface, approximately 20" apart, with the larger face of each upright facing away from the other upright.
2. Place one bottom angle (3) at the base of each upright, aligning the four holes on the smaller face of the angle with the 3/8" tapped holes of each upright. Loosely attach using the 3/8" hex head bolts (5) and split lock washers (6), as shown in the figure below. Finger-tighten only.



3. Repeat step 2 for one top angle (2) at the top of each upright. Again, finger-tighten only.
4. Repeat steps 1–3 for the second pair of uprights.
5. Adjust the four spacers (4): set the length of the spacers 6" less than the overall depth required. (The two 3" uprights will account for the 6".)
6. Place the two upright assemblies from steps 1–4 parallel to each other on the floor, at the approximate depth of the adjustable spacers. Attach a spacer to the bottom of each upright by loosely fastening 3/8"-16 x 3/4" hex head bolt (5) and split lock washers (6) to the two tapped holes at the base of the uprights.
7. Attach another spacer to the top of the uprights connected in step 6, using one bolt and washer (not two).
8. Turn the assembly over and repeat steps 6 and 7 for the remaining spacers.
9. Tighten all screws.

**Caution:** Do not exceed 20 ft-lb of torque when tightening screws.

10. Stand the rack up and place it in the desired position and secure it to the floor (hardware not provided).



**Do not install equipment until the rack is secured to the floor.**

