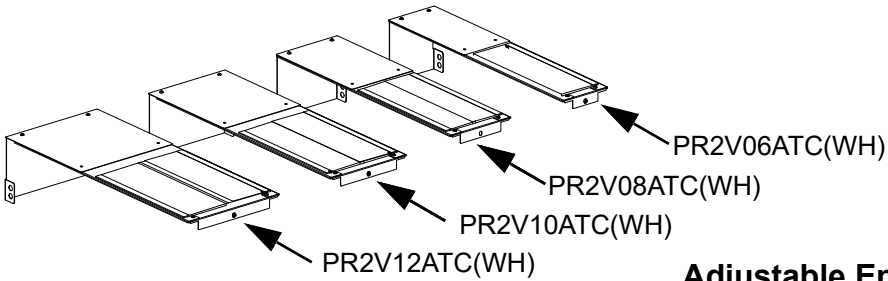
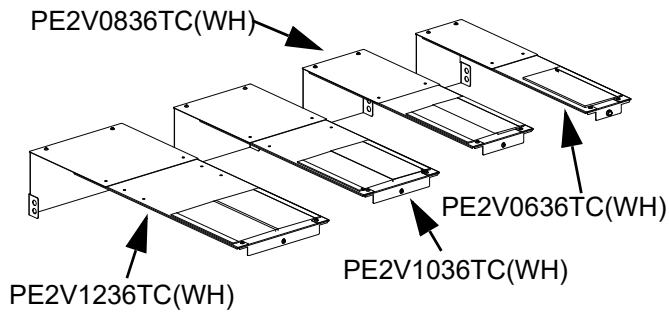


### PR2V Manager Top Caps

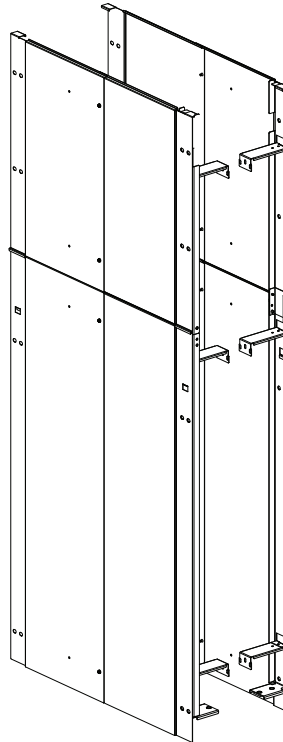


### PE2V Manager Top Caps



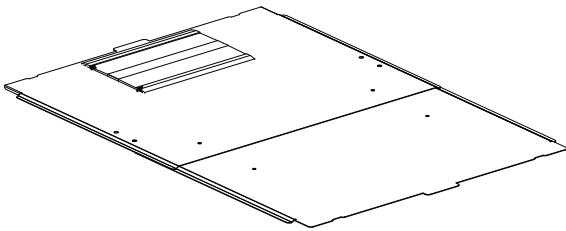
### Adjustable End Panel Kit

P2VAEP2(WH)  
P2V96AEP2(WH)



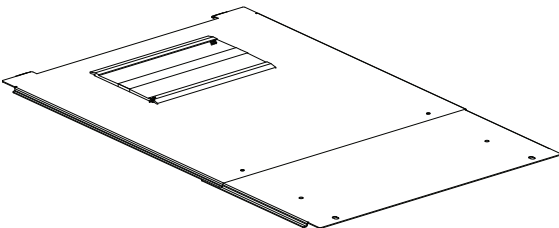
### R4P Top Cap

R4PATC(WH)



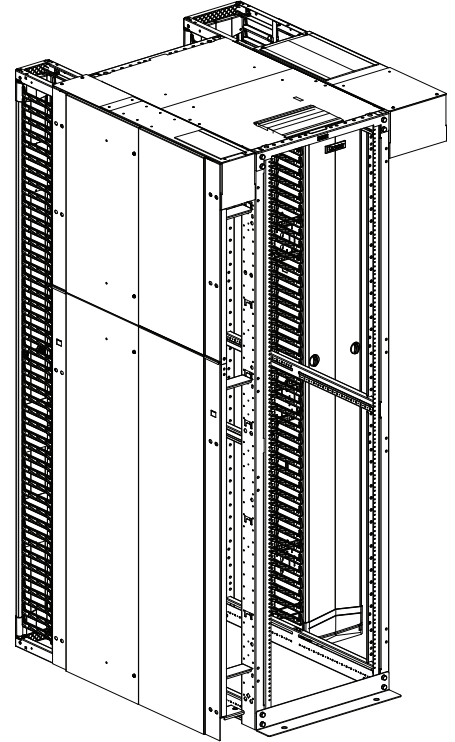
### AR4P Top Cap

AR4PATC(WH)

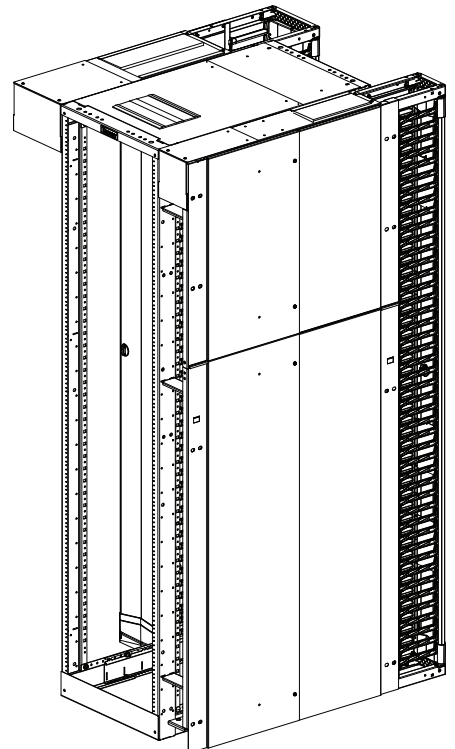


### Assembly view

R4P 4-Post Rack



AR4P 4-Post Rack



**Hardware - included****VCM Top Caps**

- (16) M10-16mm carriage bolts
- (16) M10 flange nuts
- (36) M5 screws
- (3) M5 flange nuts

**R4P Rack Top Caps**

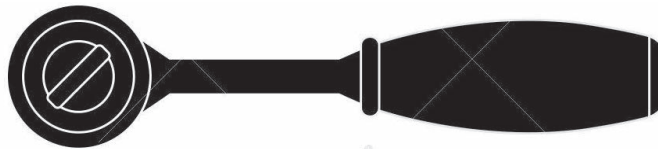
- (2) M6 x 1.25 pan head screws
- (2) M6-1.0mm hex nuts
- (2) Button plugs
- (2) M5 flange nuts

**End Panels**

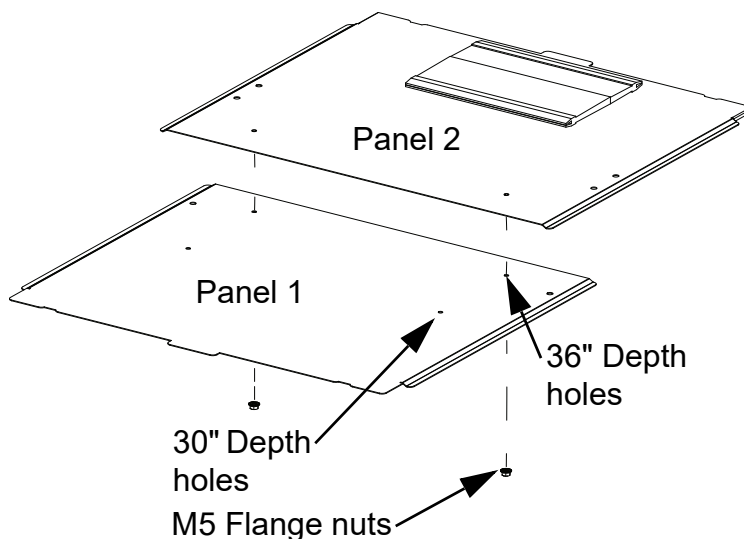
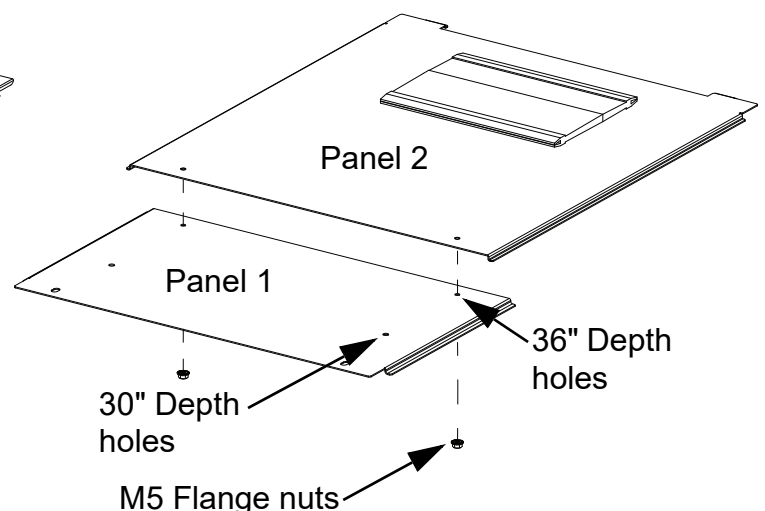
- (24) M6 x 12mm screws
- (16) M10-16mm carriage bolts
- (16) M10 Flange nuts
- (8) Button plugs
- (8) M5 x 0.8 Flange nuts

**AR4P Rack Top Cap**

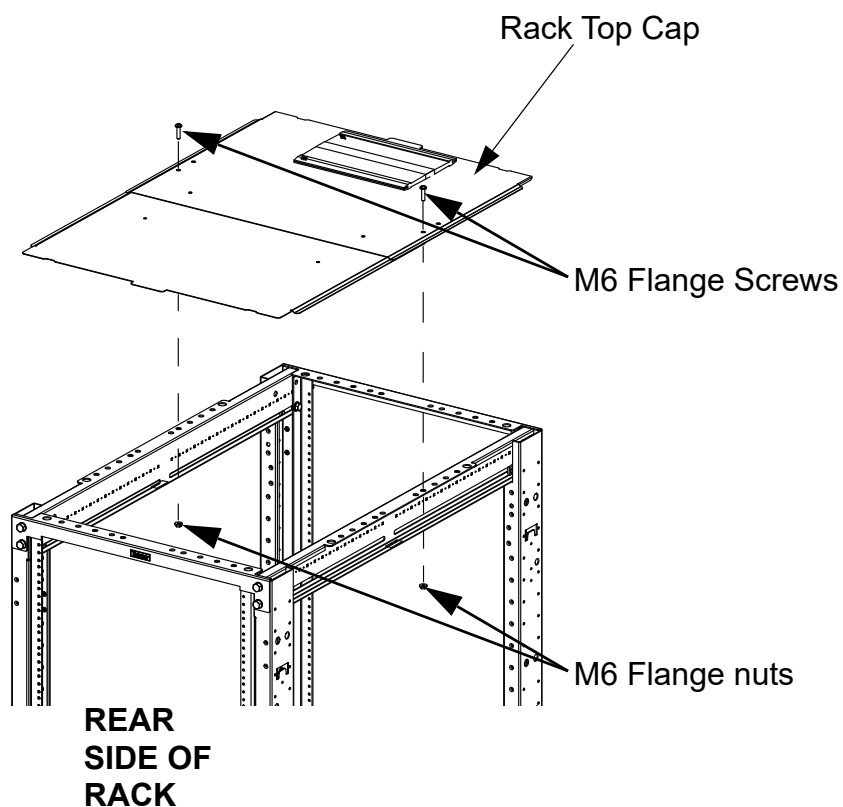
- (2) M6-1.0mm screws
- (2) Button plugs
- (2) M5 flange nuts

**Required tools - not included****RATCHET W/ M8, M10 & M17 SOCKET****Rack Top Cap Depth Adjustment**

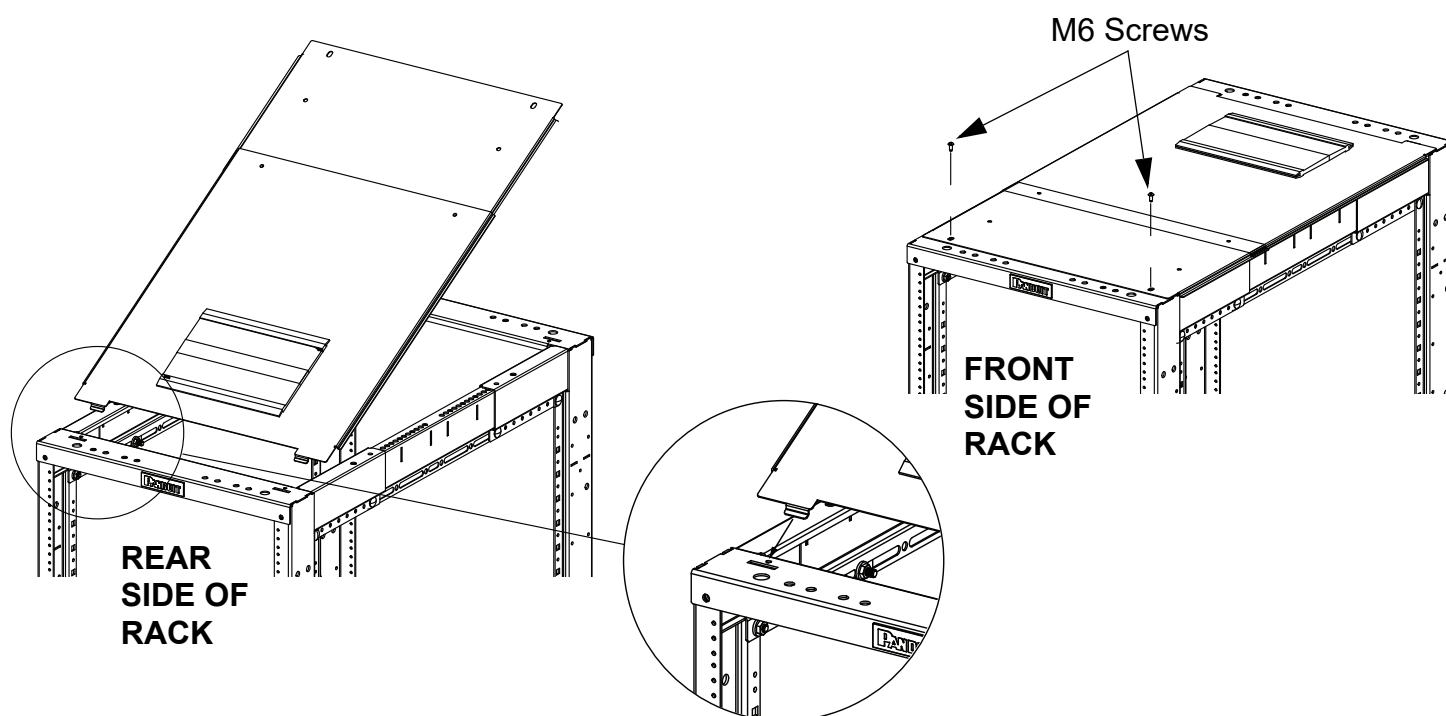
1. Insert the threaded stud of the panel 2 into the alignment holes of the panel 1. See below for the holes to use for your specific depth rack.
2. Install the M5 flange nuts on the threaded studs and tighten.

**R4P Rack Top Cap****AR4P Rack Top Cap**

## R4P Rack Top Cap Installation

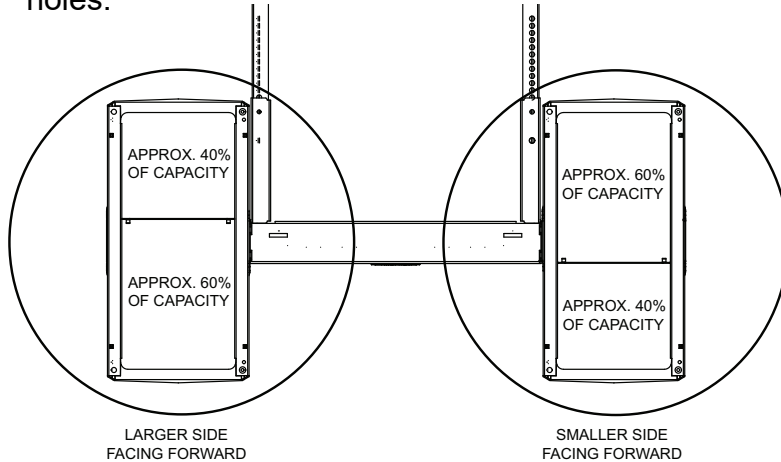


## AR4P Rack Top Cap Installation

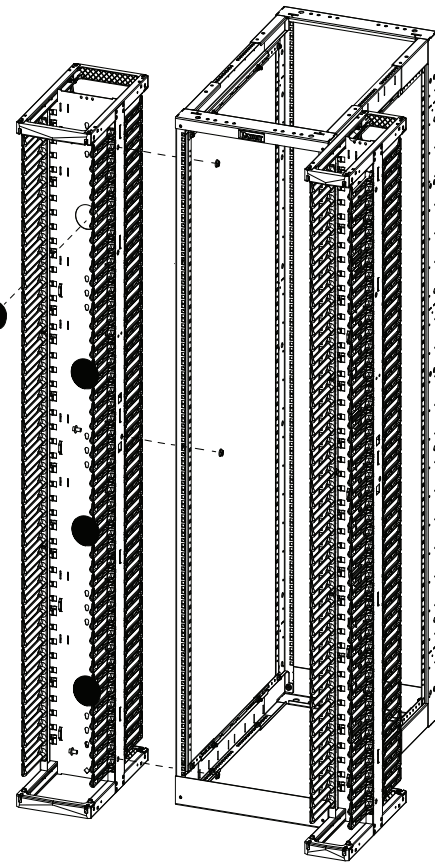


## Vertical Cable Manager Installation

1. Place Vertical Cable Manager in the proper orientation (shown below). Secure using (3) M10 serrated flange bolts & (3) M10 serrated flange nuts.
2. For PR2V\*\* managers, install blanking plugs (PR2VBPK sold separately) in the pass-through holes.

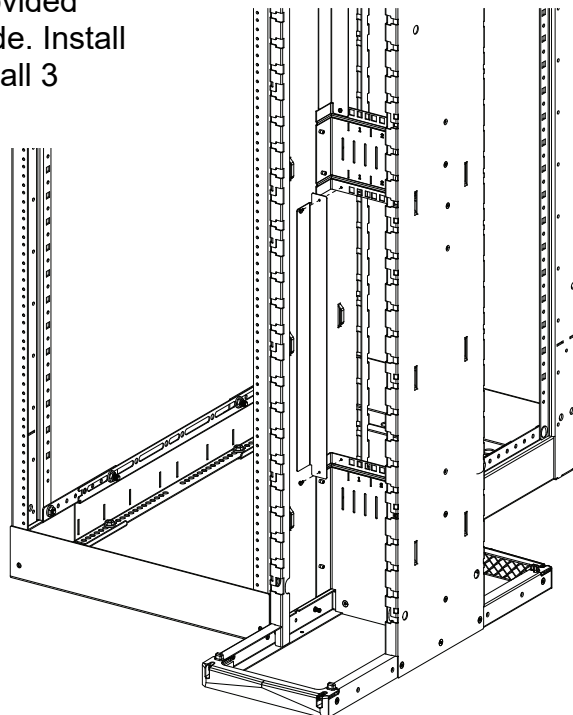


Blanking plugs



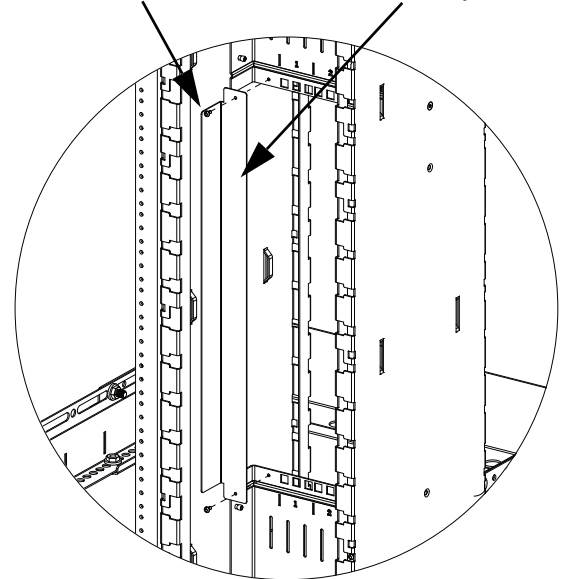
## PE2V Backbone panel Installation

1. Place Backbone panels in the proper orientation on both sides of the manager. (shown below). Secure using (2) provided push-in rivets per side. Install Backbone panels in all 3 manager openings.



Push-in rivets

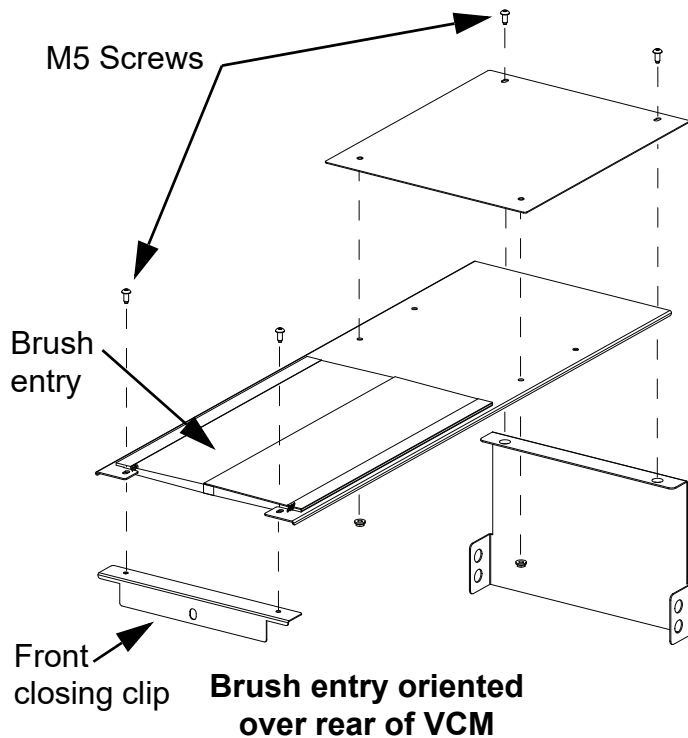
Backbone panel



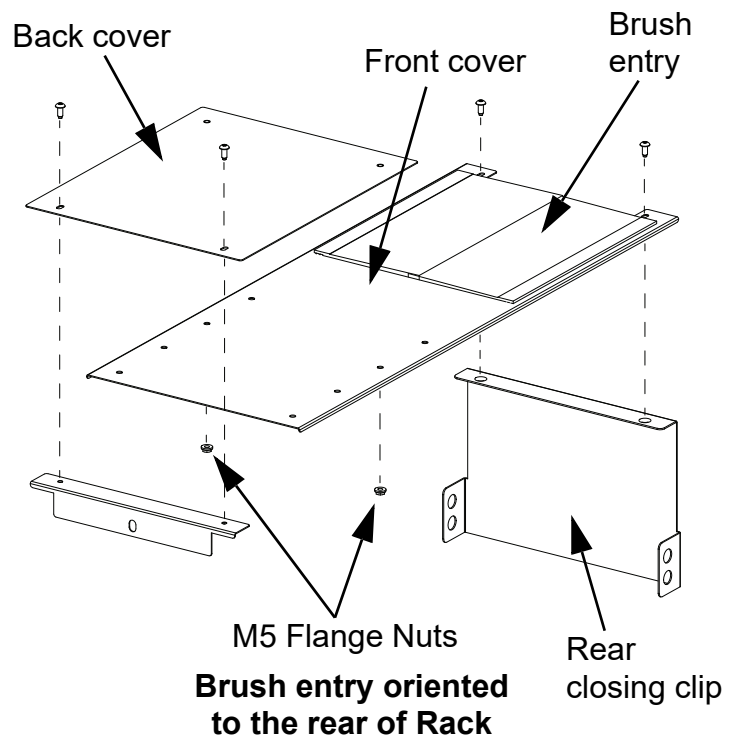
## Vertical Cable Manager Top Cap Installation (VCM Top Cap)

1. The VCM Top Cap can be oriented two ways. One is with the brush entry over the rear of the VCM. The other is with the brush entry to the rear of the rack.

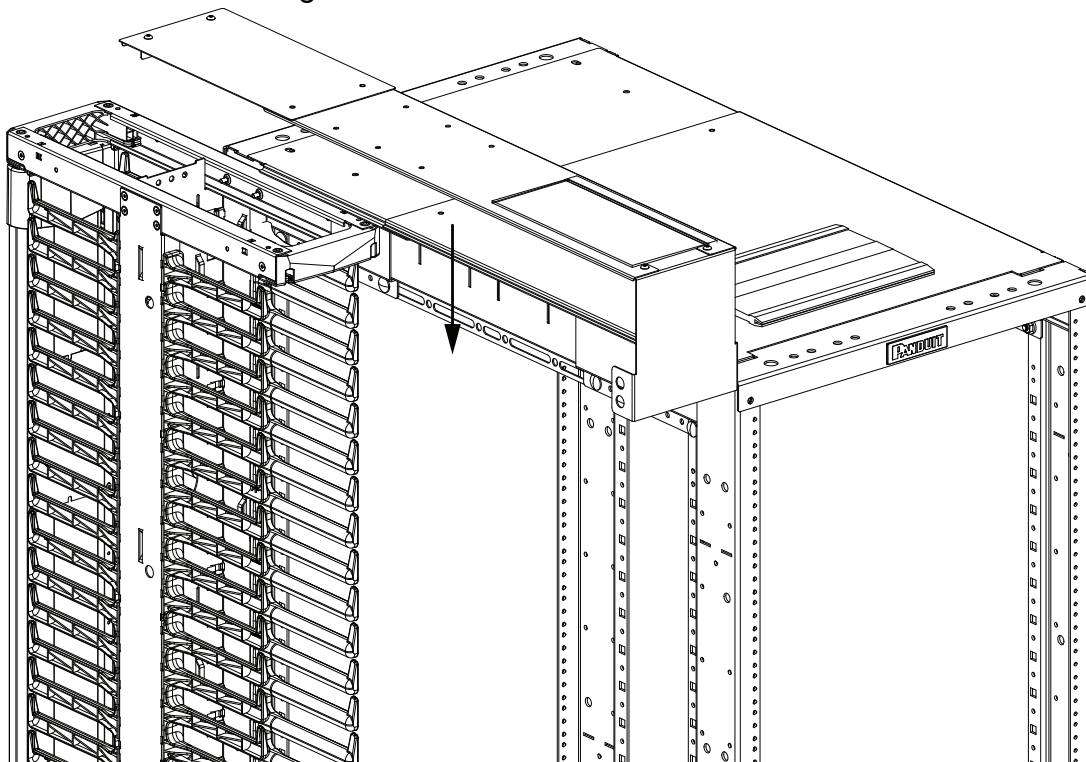
**PE2V\*\* Manager**



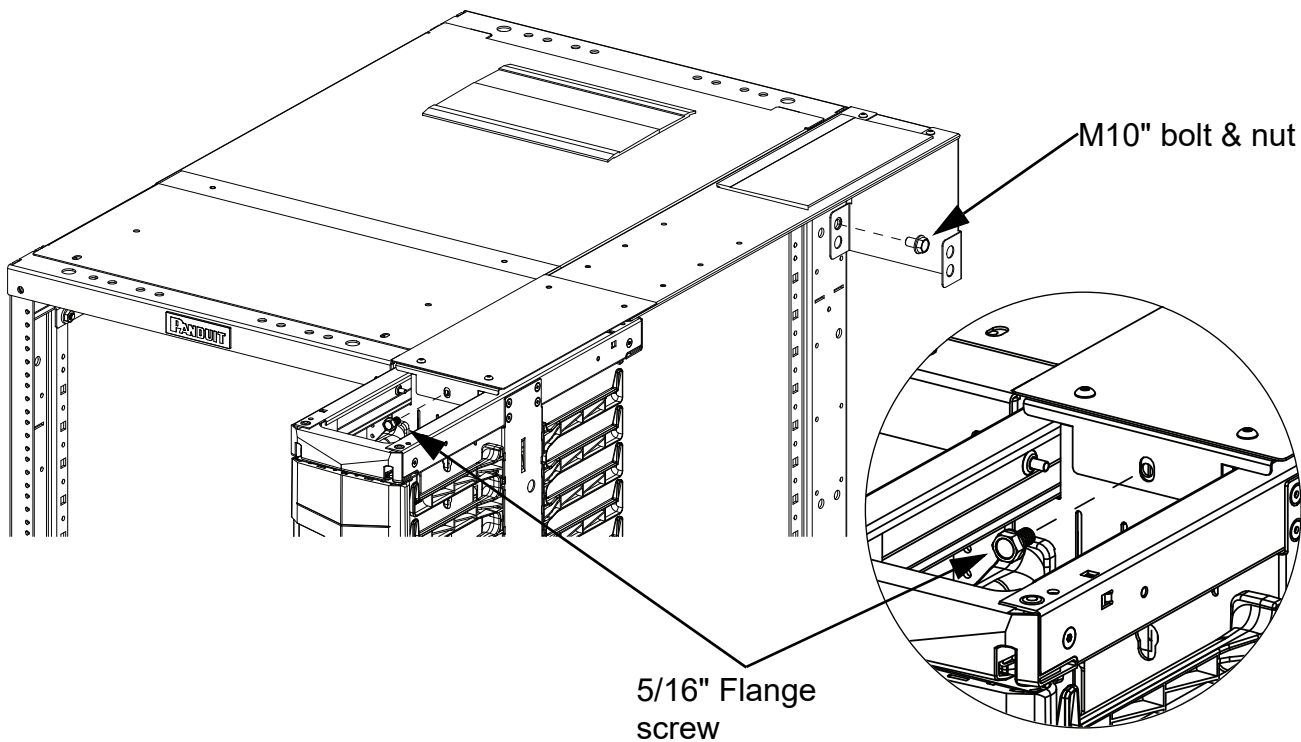
**PR2V\*\* Manager**



1. Install VCM Top Cap by positioning the front and closing clip with the VCM and the rear channel of the rack.
2. Secure VCM Top Cap to the front of the VCM using the 5/16" screw. Secure the rear closing clip to the rear channel of the rack using the M10 bolt and nut.

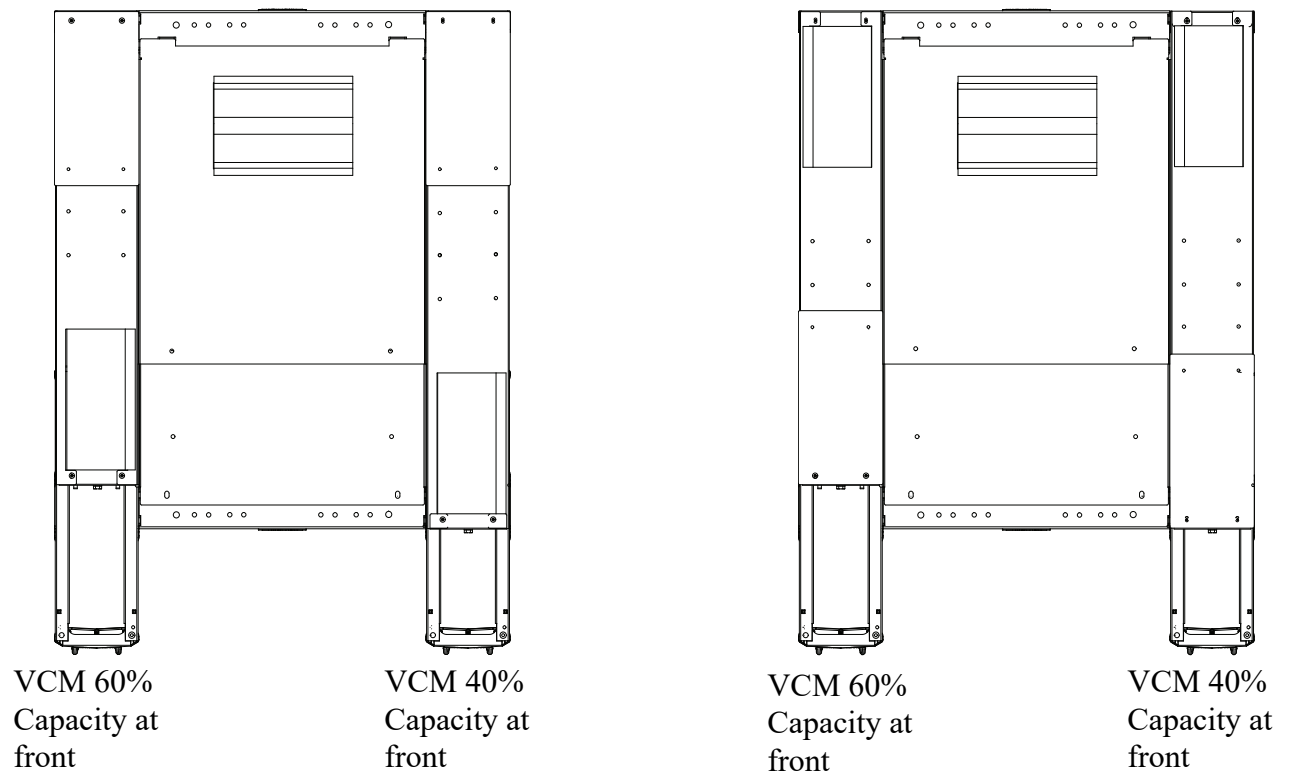


Vertical Cable Manager Top Cap Installation (VCM Top Cap) (cont.)



VCM Top Caps with Brush entry at the front of the rack

VCM Top Caps with Brush entry at the back of the rack



## End Panel assembly R4P rack

1. Install (3) Mounting Brackets by attaching brackets onto vertical channel of 4-post rack using the dimension shown below and securing them using (2) M6 screws. See fig. 1.

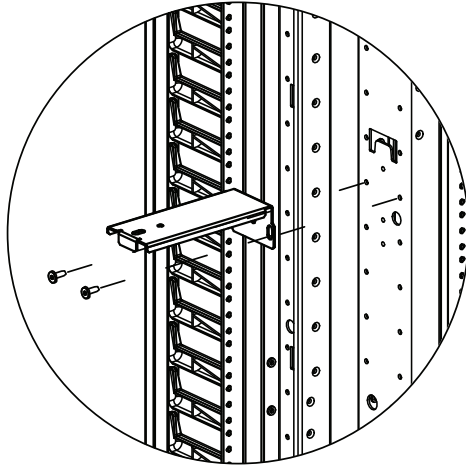
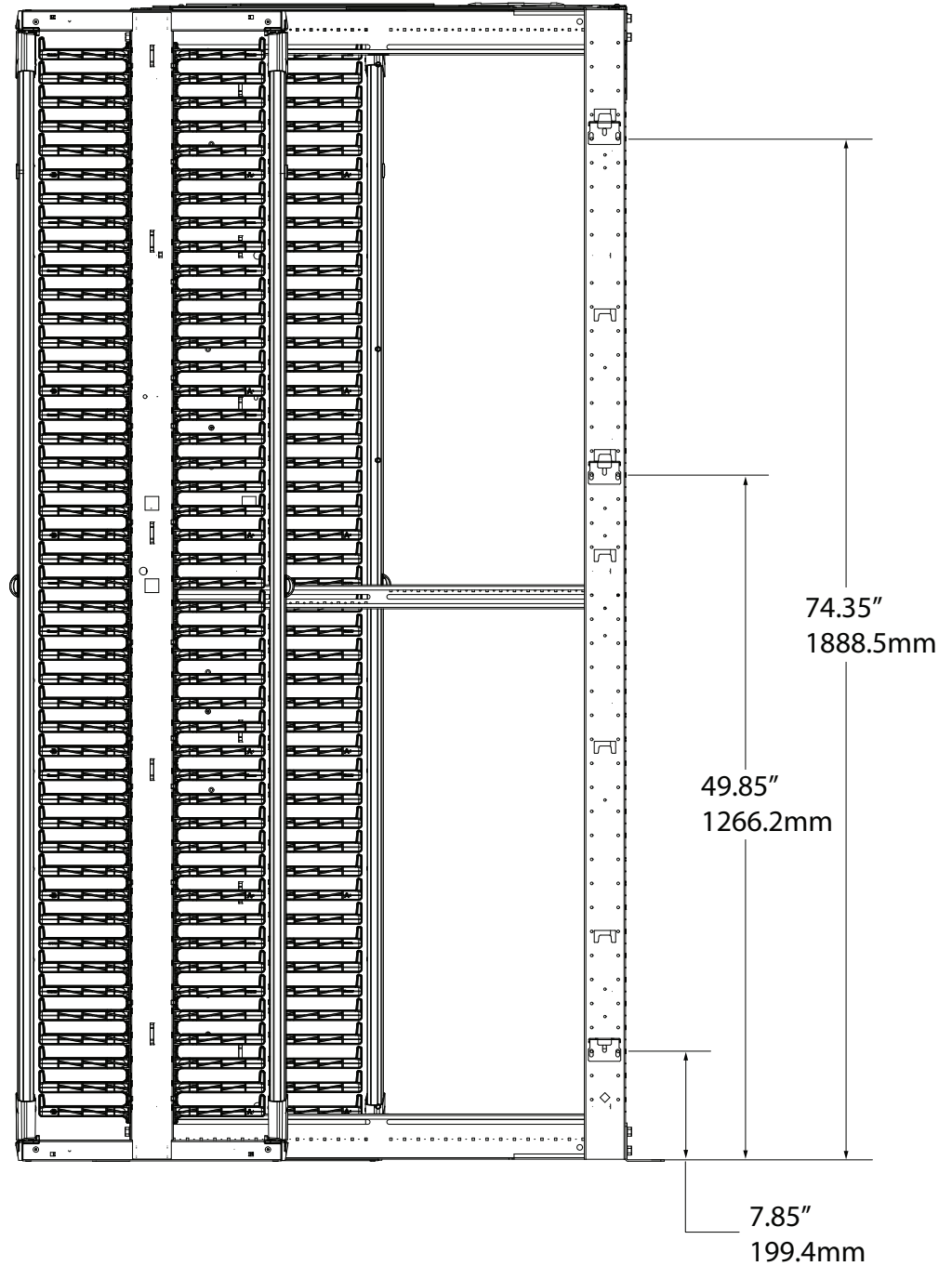


fig. 1



## End Panel assembly AR4P rack

1. Install (3) Mounting Brackets by attaching brackets onto vertical channel of 4-post rack using the dimension shown below and securing them using (1) M6 screws. See fig. 1.

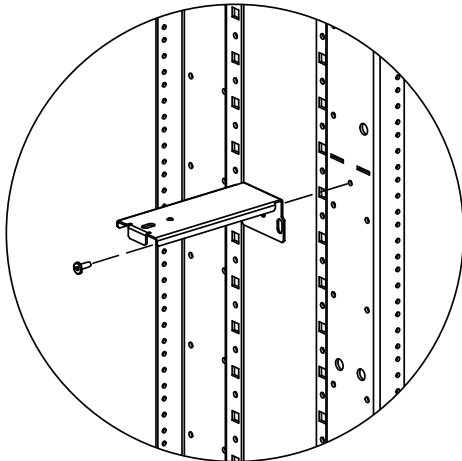
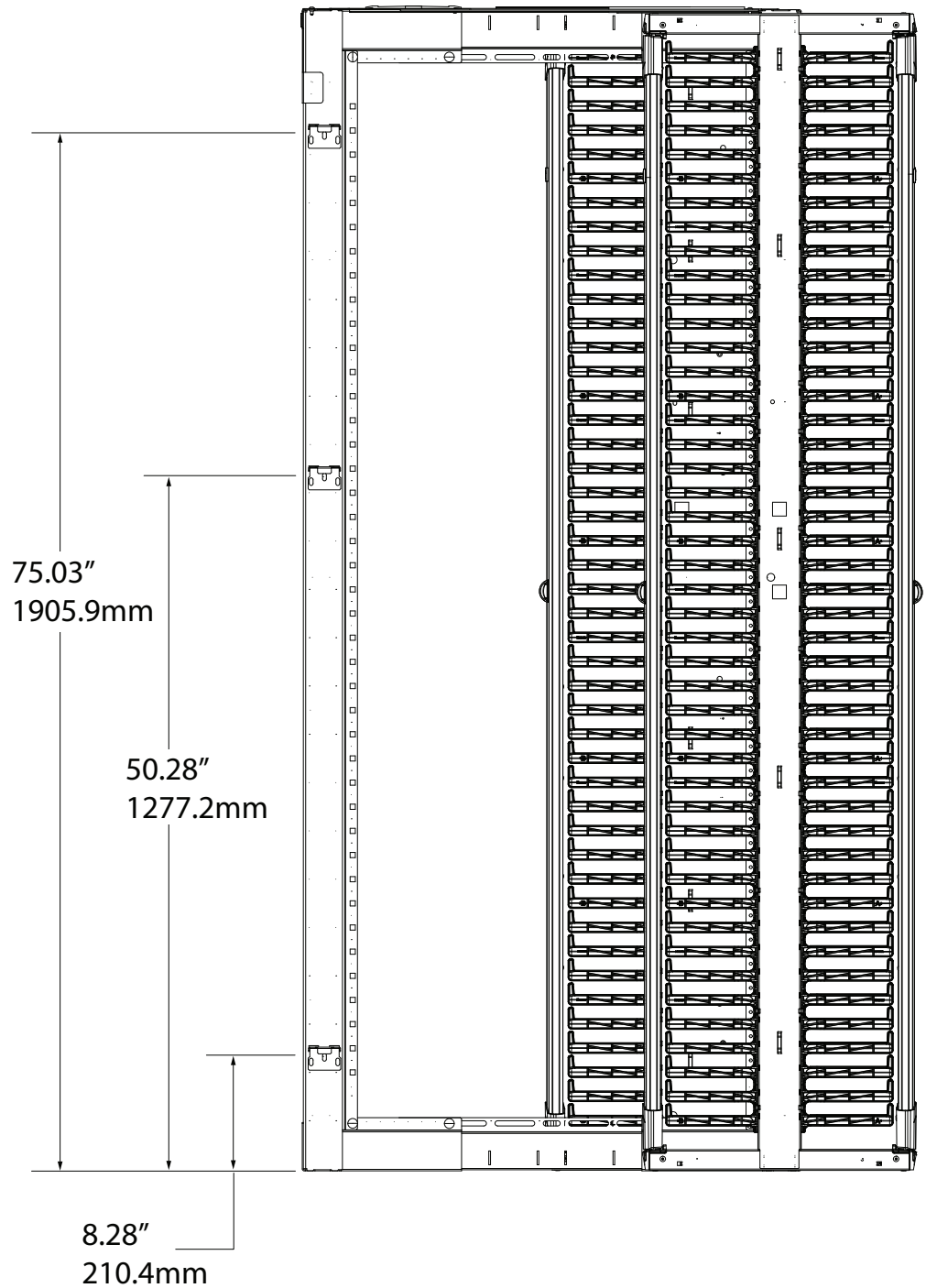


fig. 1



## End Panel assembly (cont.)

1. Assemble End Panel Channel by sliding the top channel into the bottom channel and securing with (2) M6 screws. See fig. 2.
2. Attach End Panel Channel to the mounting brackets by inserting the mounting bracket flange into the End Panel Channel. Secure each with (1) M6 screw. See fig. 3.

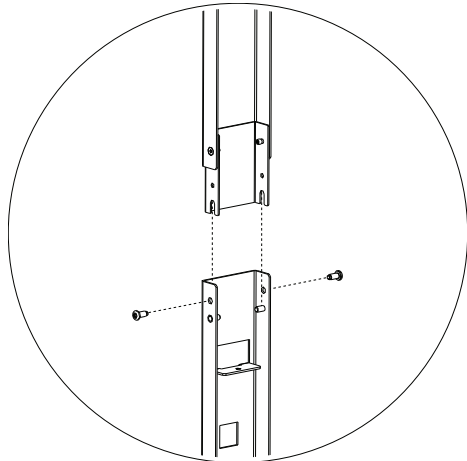


fig. 2

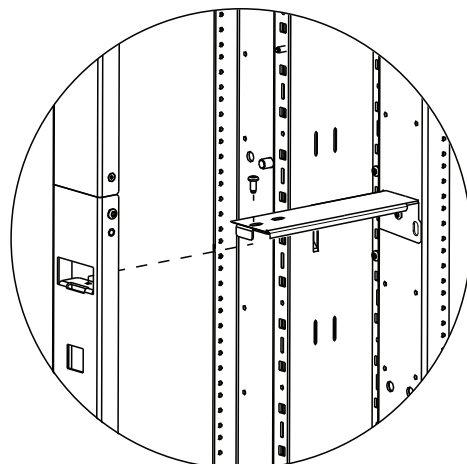


fig. 3

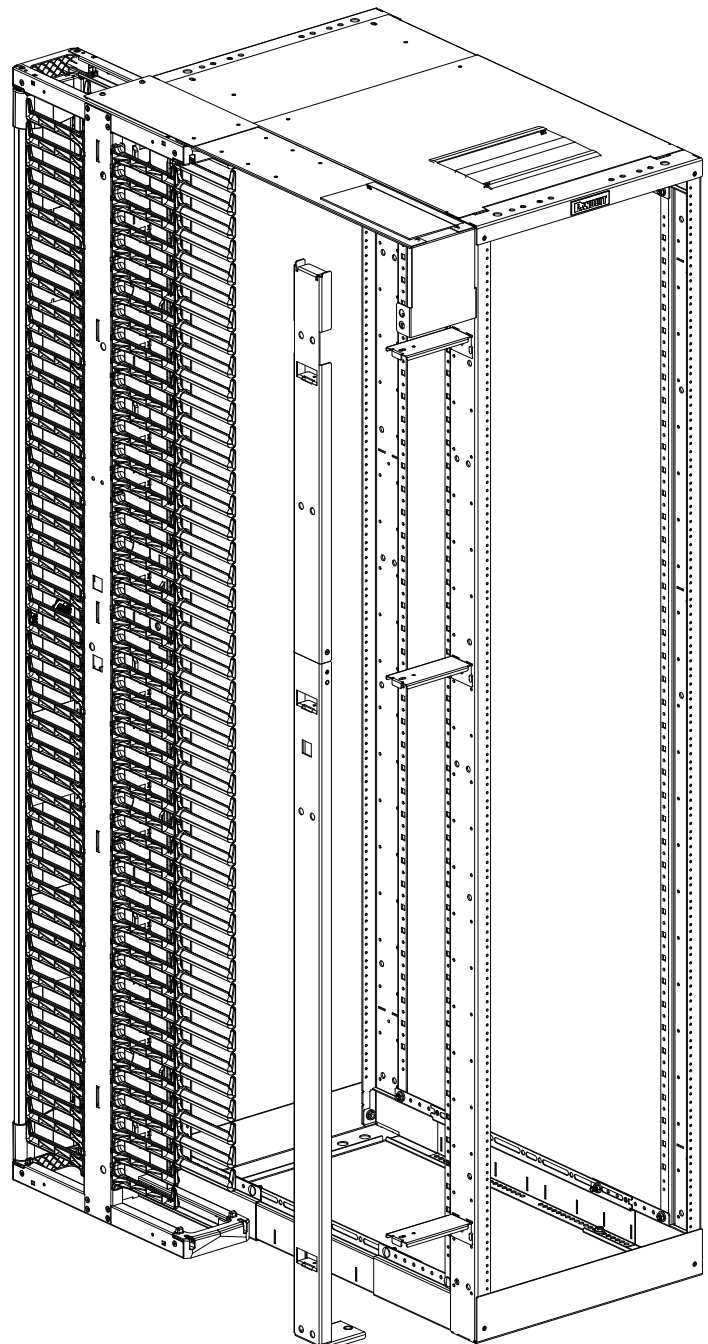
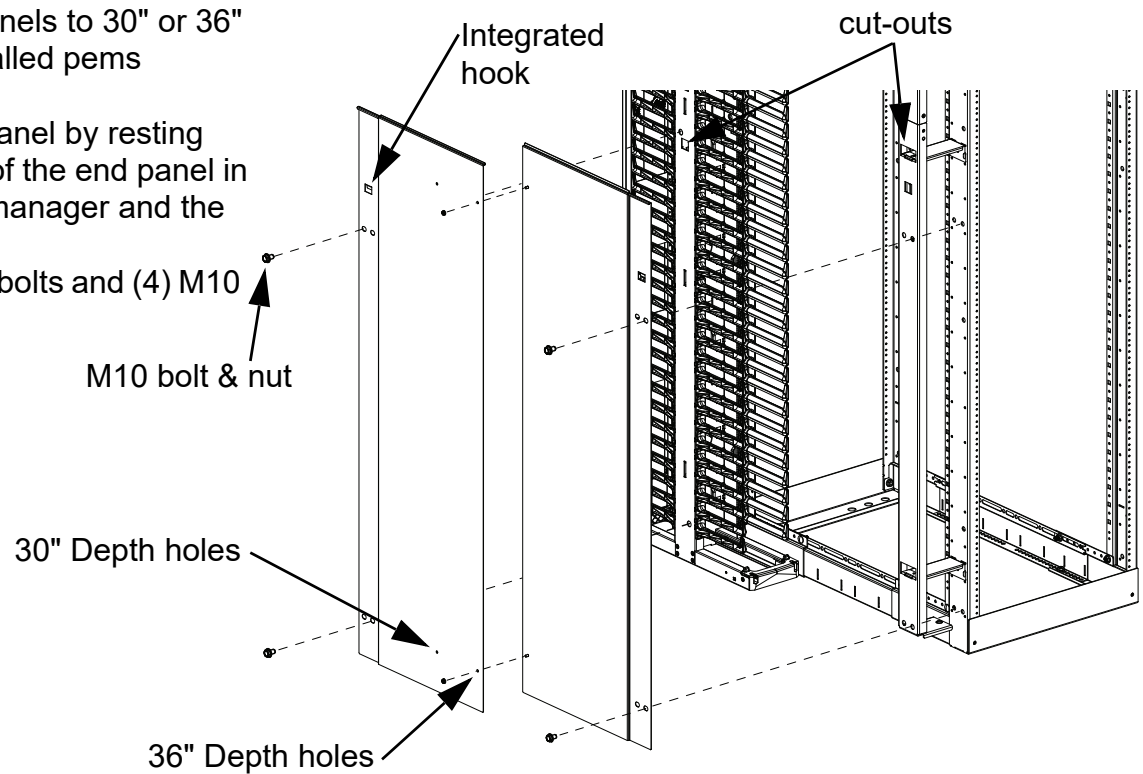


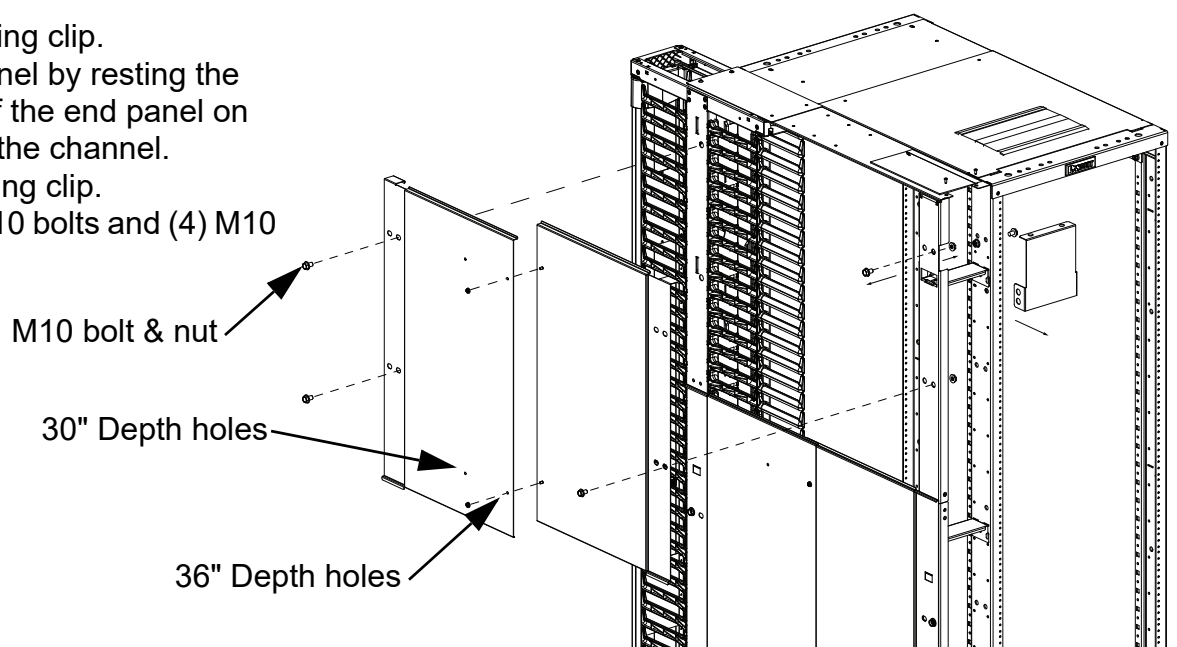
fig. 4

## End Panel assembly (cont.)

1. Assemble bottom panels to 30" or 36" depth using the installed pems secured by M5 nuts.
2. Install bottom End Panel by resting the integrated hook of the end panel in the cut-outs on the manager and the channel.
3. Secure with (4) M10 bolts and (4) M10 flange nuts.

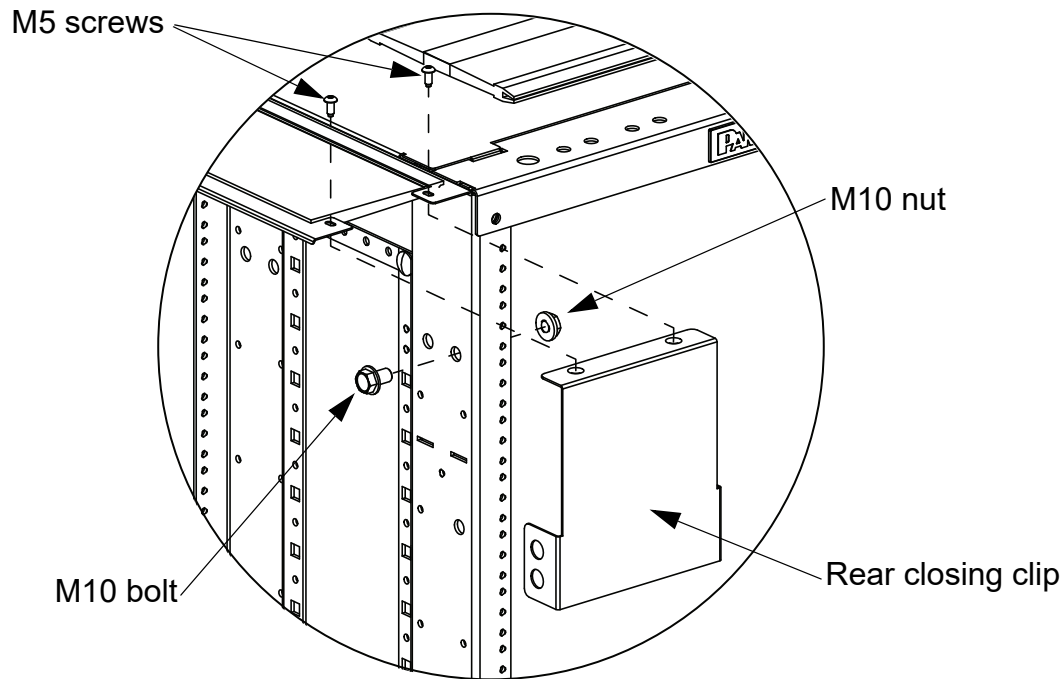


1. Remove rear closing clip.
2. Install top End Panel by resting the integrated hook of the end panel on the manager and the channel.
3. Replace rear closing clip.
4. Secure with (4) M10 bolts and (4) M10 flange nuts.



## Day 2 Cable installation preparation

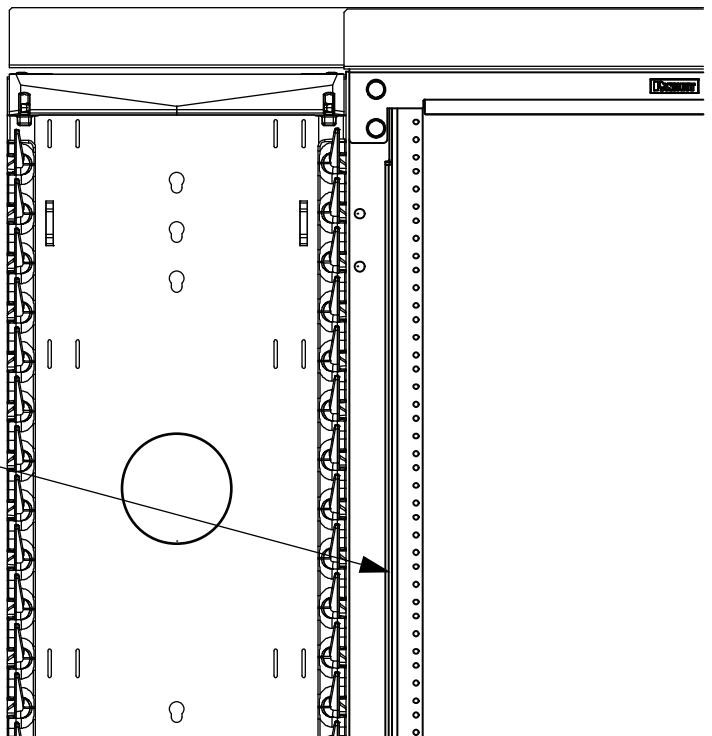
1. To install cables thru the Vertical Cable Manager Top Cap, remove (2) M5 screws from the topside of the Top Cap & the M10 nuts & bolts from the racks (as shown). Set hardware aside.
2. Remove the rear closing clip.
3. Route cables through brush entry.
4. Re-assemble in the opposite order of operation using original hardware.



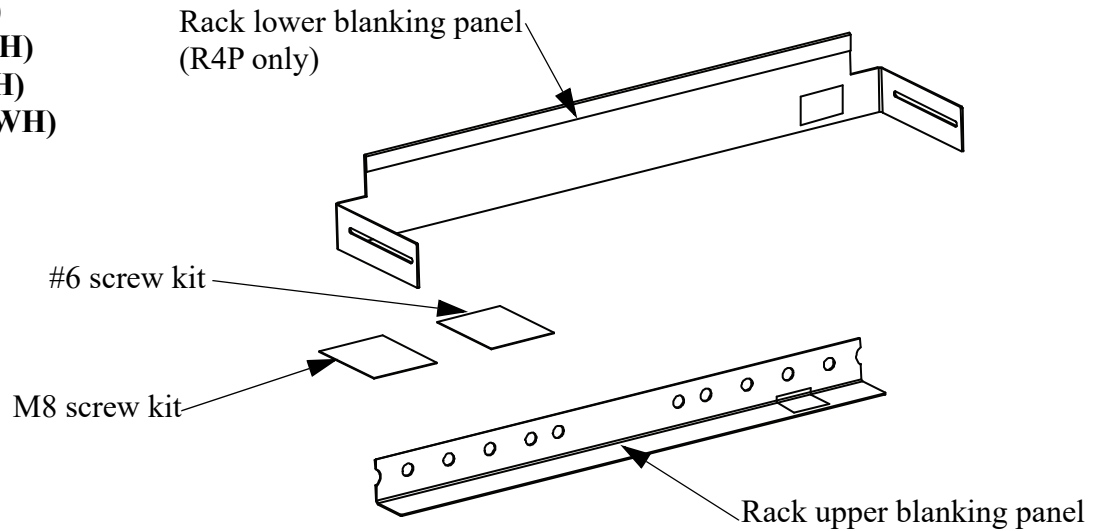
## Rack sealing installation

1. Apply adhesive backed foam strips to all areas on the rack where air can still pass through.

Air gap between the Rack frame, and the Equipment Rails.

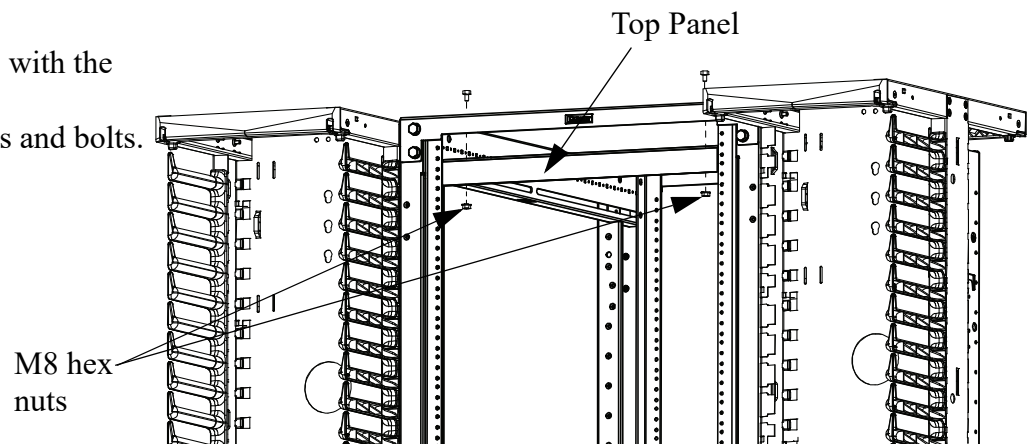


**R4P-AC-KIT(WH)**  
**R4P96-AC-KIT(WH)**  
**AR4P-AC-KIT(WH)**  
**AR4P96-AC-KIT(WH)**  
**INSTALLATION**  
**INSTRUCTIONS**



**STEP 1**

1. Align holes for the Top Panel with the rack top angle bracket.
2. Secure in place using M8 nuts and bolts.



**STEP 2 (R4P only)**

1. Align Bottom Panel with holes shown. Install (4) #6 self drilling screws. Do not tighten.
2. Move Bottom Panel to the up-most forward position and tighten screws.

