Adjustable Depth 4 Post Rack System

PANDUIT®
SPECIFICATION SHEET

specifications

The adjustable depth 4 post rack shall meet EIA/ECA-310-E standards, be 45 or 52 RU, constructed of steel and capable of accepting 19" wide EIA equipment. The rack shall have adjustable depth from 23" to 42" in 0.5" increments. The equipment mounting rails shall be #12-24 threaded or cage nut square opening style mounting. The equipment mounting rails shall include printed rack unit numbering from bottom up. The rack shall accept shelve units and equipment brackets. The front and rear structural posts of the rack shall be capable of mounting NetRunner™ or PatchRunner™ 2 Vertical Cable Managers and accessories such as power distribution units, waterfalls and vertical tie-off brackets. The construction method shall ensure an electrically bonded structure for ease of grounding. The rack shall contain eight masked grounding locations for ease of selection for lug connection position.

technical information

Part Number	RU	Height In.(mm)	Width In. (mm)	Depth In. (mm)
AR4P(WH)	45	84.13 (2136.9)	20.31 (515.9)	23.00 to 42.00 (584.2 to 1066.8)
AR4PCN(WH)	45	84.13 (2136.9)	20.31 (515.9)	23.00 to 42.00 (584.2 to 1066.8)
AR4P96(WH)	52	96.13 (2441.7)	20.31 (515.9)	23.00 to 42.00 (584.2 to 1066.8)
AR4PCN96(WH)	52	96.13 (2441.7)	20.31 (515.9)	23.00 to 42.00 (584.2 to 1066.8)

key features and benefits

Adjustable depth	Supports equipment mounting depths from 23" to 42" in 0.5" increments to provide greater flexibility with a single part number
Welded steel construction	UL listed, 2000 lbs. load capacity provides greater stability
Self-squaring	Front-to-back braces are installed in two axes, helping to maintain squareness of the rack during assembly
Inward facing feet	Reduces overall front-to-back footprint, aligning better to floor tiles
Color options	Available in Black and White
Numerical rack unit identification	Allows for quick location of rack spaces speeding installation of rack mount items, racks are numbered from bottom up
Fully bonded structure	Paint piercing hardware electrically bonds the rack when assembled, eliminating the need for additional bonding components
PEM stud and carriage bolt construction	Eliminates the need for a second wrench, increasing speed and ease of assembly
Multiple options for mounting accessories	Accessories such as PDU brackets, vertical tie-off brackets, waterfalls mount on posts or front-to-back braces for greater application flexibility
Integrated masked grounding locations	Eight masked grounding locations available for optimal lug connection position
7 foot and 8 foot versions	Allows maximum utilization of available vertical space

applications

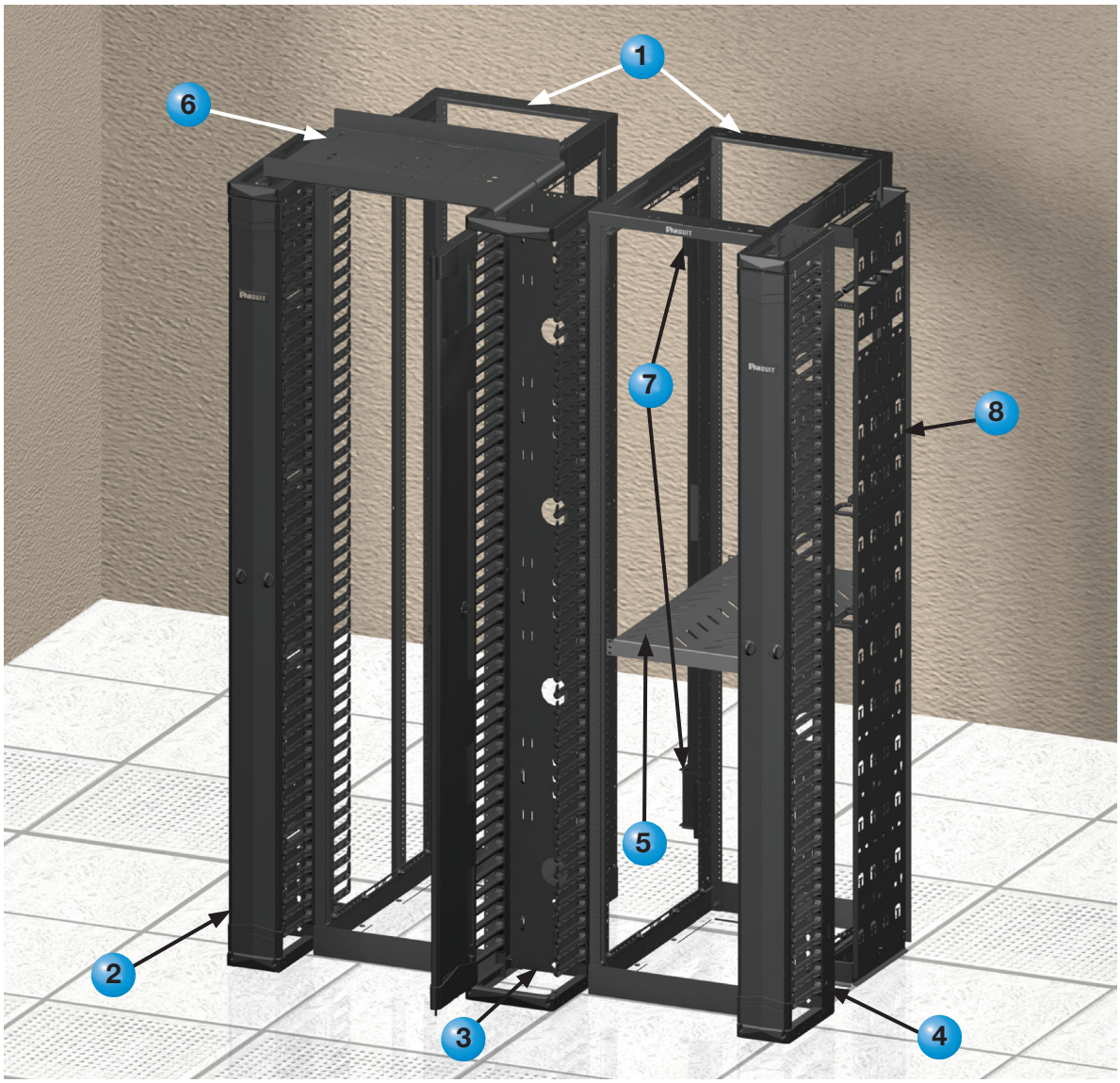
The Panduit Adjustable Depth 4 Post Rack System is designed to support network equipment found in data center, telecommunication room and lab environments. The rack combines the stability of a cabinet with the accessibility of an open rack to provide the user with maximum flexibility when designing the network layout. Front and rear weldments with adjustable front-to-back braces provide the required strength and flexibility needed to work with various types of active equipment. The open design allows for maximum airflow in and around the rack. The Adjustable Depth 4 Post Rack System is part of a complete rack and cable management system that manages, protects, and showcases your network investment.

Adjustable Depth 4 Post Racks 7 foot and 8 foot	
23" – 42" depth #12-24 threaded rails:	AR4P*^
Cage nut rails:	AR4PCN*^
4 Post Racks Accessories	
Vertical tie-off bracket:	V4PTOB^
Vertical PDU mounting brackets:	CVPDUB^
Top trough for use with PatchRunner™ 2:	PR2VWF^
Top trough for use with PatchRunner™ 2 Enhanced:	PE2VWF^
Shelves 19"W x 30"D:	RSHLF^
19"W x 23"D:	RSHLF23
19"W x 36"D:	RSHLF36^
Rack anchor kit for concrete floor:	RFAKIT
Rack anchor kit for raised floor:	RFA3KIT
100 cage nuts w/ M6 screws:	CNWSM6-C
100 cage nuts w/ #12-24 screws:	CNWS1224-C
100 #12-24 screws:	S1224-C
Fiber Storage Ring:	WMFS24
PatchRunner™ 2 Vertical Cable Managers with Doors – 7 foot and 8 foot	
6" W, front and rear:	PR2VD06*^
6" W, front only:	PR2VFD06*^
8" W, front and rear:	PR2VD08*^
8" W, front only:	PR2VFD08*^
10" W, front and rear:	PR2VD10*^
10" W, front only:	PR2VFD10*^
12" W, front and rear:	PR2VD12*^
12" W, front only:	PR2VFD12*^
NetRunner™ Vertical Cable Managers 7 foot	
4.9" wide front and rear:	WMPV45E
4.9" wide front only:	WMPVF45E
6.7" wide front and rear:	WMPVHC45E
6.7" wide front only:	WMPVHCF45E

*For part numbers 8 feet tall, add “96” to end of part number. Ex: AR4P96 or AR4PCN96

^For white product, add “WH” to end of part number. Ex: AR4PWH or AR4PCN96WH

Adjustable 4 Post Rack System



1 **AR4P*** – 4 Post Rack
#12-24 threaded rails
84.0"H x 20.3"W x 23" to 42"D, 45 rack units (RU)

AR4PCN* – 4 Post Rack
cage nut rails
84.0"H x 20.3"W x 23" to 42""D, 45 RU (not shown)

2 3 4 PatchRunner™ 2 Vertical Managers
Available in 6", 8", 10", and 12"
widths to fit both 7' and 8' racks

5 **RSHLF** – 4 Post Rack Shelf
19"W x 30"D

RSHLF23 – 4 Post Rack Shelf
19"W x 23"D (not shown)

RSHLF36 – 4 Post Rack Shelf
19"W x 36"D (not shown)

6 **PR2VWF** – Top Trough with waterfall
creates pathway above rack

7 **CVPDUB** – PDU Bracket (set of 2)

8 **V4PTOB** – Vertical Tie-Off Bracket creates
additional pathway on rear side
of rack

*For part numbers 8 feet tall, add “96” to end of part number. Ex: AR4P96 or AR4PCN96.

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