Middle Atlantic Products, Inc.®
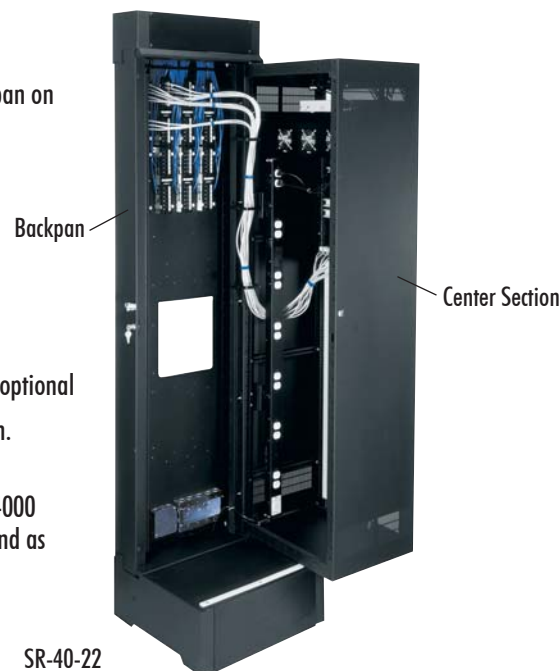
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SR Series
Pivoting Rack

EIA/TIA Compliant   C (UL) US LISTED

The SR Series pivoting rack enclosures are designed to mount to the wall, while the entire weight of the system is safely supported by the floor

Features

- Available in 22", 28" and 32" depths

- Tool-free Quick-Mount™ system allows for easy mounting of the center section to the backpan on the job site

- Optional zero clearance latch allows side-by-side or corner mounting to save room

- 16-gauge steel construction with 1/8" thick laser-cut corner braces

- Bottom cable entry platform supports weight of rack on floor and provides attractive shroud to conceal conduit stubs

- Low-friction wear strip on bottom platform allows rack to swing open easily

- Adjustable 10-32 threaded front rackrail with marked rackspace increments, rear rackrail optional

- Removable plates for low-voltage Decora® devices in face of center section, top and bottom. Additional Decora® cutouts in rear of center section, top and bottom

- Easily removable laser knockouts accommodate conduit, UHF/VHF antennas, Wiremold® 4000 Series raceways, Middle Atlantic Products Universal Connector Panels, electrical pull-box and as many as four 4-1/2" fans

- Durable black textured powder coat finish

- UL Listed in the US and Canada

Backpan

Center Section

SR-40-22

Architects' and Engineers' Specifications

EIA compliant 19" pivoting equipment rack shall be Middle Atlantic Products model # SR-__-__ (refer to chart) and shall have ___ useable rackspaces and a useable depth of ___ (refer to chart). Overall dimensions of rack shall be ___H x 23.56" W x ___D (refer to chart). SR shall have a 500 lb. weight capacity. Tool-free Quick-Mount™ system shall simplify installation. Rack shall be constructed of the following materials: top and base shall be 14-gauge steel, center section and backpan shall be 16-gauge steel and all structural elements shall be finished in a durable black powder coat. Rackrail shall be 11-gauge steel with tapped 10-32 holes in universal EIA spacing, finished in a durable black e-coat with marked rackspaces. Rack shall have 2", 3" and 4" electrical knockouts; removable plates for low-voltage Decora® devices in face of center section, top and bottom; additional Decora® cutouts in rear of center section and BNC knockouts for UHF/VHF antennas. Large laser knockout on backpan shall have a 12-1/2" x 12-1/2" opening for electrical pull-box. Fan knockouts on top and bottom shall allow installation of up to four 4-1/2" fans. Rack shall include 2", 3" and 4" knockouts for Wiremold® 4000 Series raceways and knockouts for Middle Atlantic Products Universal Connector Panels. Bottom shall have a cable entry platform with removable 4 rackspace front access cover, support weight of rack on floor and conceal conduit stubs.

Rack shall be UL Listed in the US and Canada. Rack shall be warrantied to be free from defects in material or workmanship under normal use and conditions for the lifetime of the rack.

OPTIONS

- Front doors shall be reinforced 16-gauge steel, model # FD-XX (solid), PFD-XX (plexi), VFD-XX (vented, 22% open area), LVFD-40 (vented, 68% open area), XX=# of rackspaces of SR rack

- Keyless latch to replace key lock on front door shall be model # LATCH

- Rear rail kit shall be model # DWR-RR24 (24 space), DWR-RR40 (40 space), model # DWR-RR46 (46 space), 11-gauge, 10-32 threaded, sold in pairs, hardware included

- Sub-plate mounting kit shall be model # SR-SUB. SR-SUB shall mount up to (4) 89-D type brackets, (4) 1900 boxes or (1) Raco 3 gang box. SR Series pivoting racks can mount up to 4 SR-SUB sub-plate mounting kits (2 for 24 space models)

- Zero clearance latch shall allow side-by-side or corner mounting, shall be model # DWRSR-ZL

- Gland grommet for 4" electrical knockouts at top of SR shall be model # GK-4G. 4 pieces

customizable specification clips available at middleatlantic.com

Engineered Mounting Solutions

SR Series basic dimensions

All dimensions in inches unless otherwise noted [All dimensions in brackets are millimeters]

Middle Atlantic Products, Inc.

LEFT SIDE VIEW

23.07 [586]
16.91 [429]
11.41 [290]
8.41 [214]

6x 2.88 [73]

2x 4" EKO

2x UCP single module KO

2x Wiremold® 4000 series raceway KO

4x 2.5 [64]
3" EKO
3" EKO spacing

4x 1/4-20 x 1 grounding / bonding stud center section

2x 1.81 [45.9]

2x 4.125" x8 cutout and cover for cable pass through and pivot pin install

25.67 [652]
19.51 [496]
14.00 [356]
11.00 [280]

.30 [8] front rail setback

useable depth

SR shown with optional PD-2415SC power strip installed (PD-815SC for 24 space model)

SR shown with optional zero clearance latch installed (DWRSR-ZL)

Mounting holes located 16" apart for stud alignment

FRONT VIEW

4x cutout for Decora® style devices (2 front with removable plate, 2 rear)

overall height

racking height

removable 4 space 7" rackmount panel

23.56 [598]

RIGHT SIDE VIEW

removable 3 space 19" rackmount panel

4.09 [104]
2.73 [69]

5.41 [137]

center section height

4x UHF / VHF antenna KO 5/8"

9.17 [233]

2x 2.5 EKO

4.50 [114]
2.50 [64]

22.34 [567] /
28.34 [720] /
32.34 [821]

TOP SIDE VIEW

2x 1.0 x 1.5 EKO
2x .5 x .75 EKO
2x 2.0 EKO
2x 3.0 EKO

4x UHF / VHF antenna KO 5/8

4x 1.5 fan knockouts

CENTER SECTION CLEARANCE

13.56 [344] / 19.56 [497] / 23.56 [598]

32.43 [824] /
36.46 [926] /
39.48 [1003]

TOP VIEW KNOCKOUTS

19.77 [502]
14.00 [356]
7.50 [191]

2x 2.63 [67]
2x 2.05 [52]

1.72 [44]

4x 1.31 [33]
2x 1.38 [35]
2x 1.81 [46]

SR-SUB optional sub-plate mounting kit

Each SR-SUB allows for the mounting of up to (4) 89-D type brackets, (4) 1900 boxes or (1) Raco 3 gang box. Hardware included.

Mount up to 4 SR-SUB (2 for 24 space models) sub-plate mounting kits to each SR back-pan using mounting holes and included hardware.
(Shown with main body of enclosure removed for clarity)

TOP VIEW OPEN POSITION
(with zero clearance latch installed)

74.53 [1893] / 86.53 [2198] / 94.53 [2401]

47.69 [1211]

Shown with zero clearance latch, part # DWRSR-ZL

Zero clearance latch adds an additional .52 [13] to the front of the rack

.57 [14] min. distance req'd between SR's using zero clearance latch

Part #	Overall Height	Center Section Height	Overall Depth	Useable Depth	Racking Height	Rack Spaces	3" EKO Spacing
SR-24-28	62.75 [1594]	46.13 [1172]	28.34 [720]	26.00 [660]	42.00 [1067]	24 spaces	N/A
SR-24-32	62.75 [1594]	46.13 [1172]	32.34 [821]	30.00 [762]	42.00 [1067]	24 spaces	N/A
SR-40-22	90.75 [2305]	74.13 [1883]	22.34 [567]	20.00 [508]	70.00 [1778]	40 spaces	14.00 [356]
SR-40-28	90.75 [2305]	74.13 [1883]	28.34 [720]	26.00 [660]	70.00 [1778]	40 spaces	14.00 [356]
SR-40-32	90.75 [2305]	74.13 [1883]	32.34 [821]	30.00 [762]	70.00 [1778]	40 spaces	14.00 [356]
SR-46-28	101.25 [2572]	84.63 [2150]	28.34 [720]	26.00 [660]	80.50 [2045]	46 spaces	17.50 [445]