WRK-SA SERIES STAND-ALONE RACK ENCLOSURES

Wide Stand-Alone Rack for Large Cable Bundles and Superior Convection

Select a WRK-SA when mounting equipment that demands space for substantial cable bundles. Solid design and stylish beveled corners are ideal when aesthetics are an issue.

Structural Features

✓ Fully welded construction provides a 2,500 lb. weight capacity

✓ 14-gauge steel tops and bottoms, 16-gauge seamless steel sides and 11-gauge thickness where the rail brackets are welded to the sides. Each model is equipped with laser cut ⅜" thick internal braces made from structural steel which enhance strength and provide more useable internal space

✓ Numbered rackspace increments speed equipment mounting

✓ Finished in a durable black textured powder coat

Thermal Management
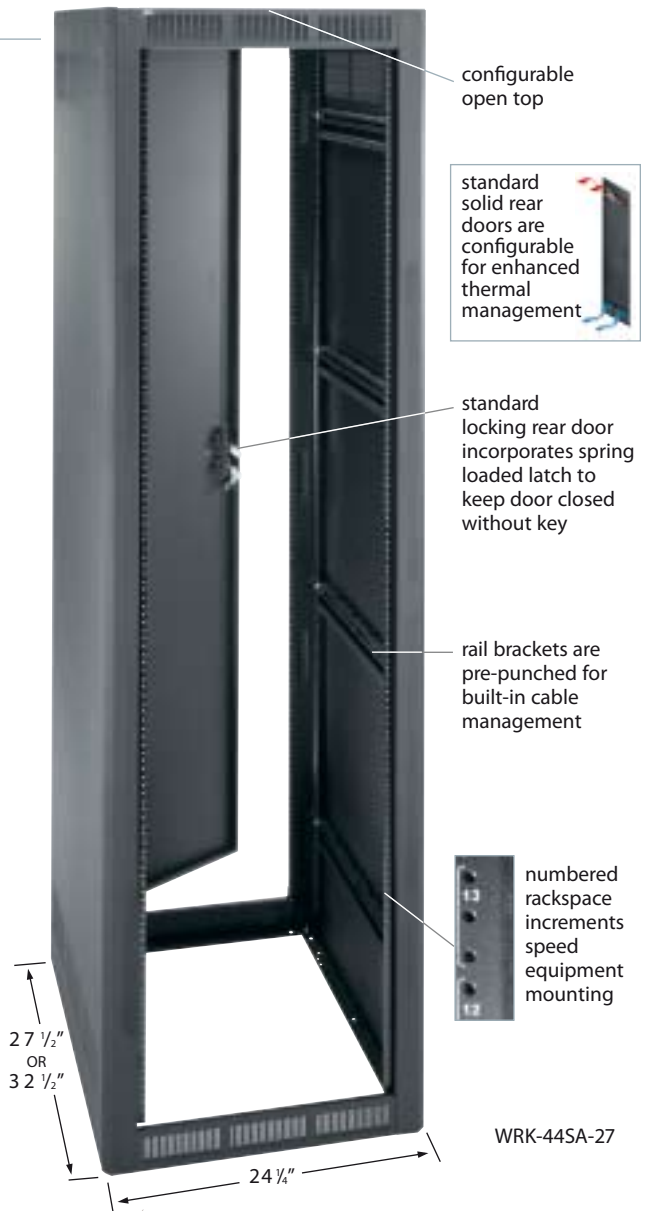
✓ Front and side ventilation locations optimize convective airflow

✓ Configurable open top accepts a number of options for thermal management

✓ Standard solid rear doors are configurable and accept a number of options for thermal management

Cable Management

✓ Cable pass-throughs located in the face of the standard front and rear adjustable 11-gauge, 10-32 threaded, extra-wide rackrail facilitate the passing of cable from the face of equipment to the rear

✓ 2", ¾", 1" and 1½" electrical knockouts found on removable split rear plates, top knockout plate additionally includes UHF/VHF antenna knockouts

✓ Removable split rear plates allow cable bundles to be easily passed over or under the WRK-SA's standard key-locking rear door

Code Compliancy

✓ Seismic Certified to the 1997 UBC and 2001 CBC Seismic Zone 4 and the 2000 IBC, 2003 IBC, 2002 ASCE Standard 7 and 2003 NFPA 5000 Seismic Use Group III lateral force requirements for protecting 900 lbs. of essential equipment in upper floor installations when used with optional MRK-Z4 seismic floor anchor brackets (see pg. 32) with an I p value of 1.5

✓ Stud in base of rack facilitates the proper grounding and bonding of electronic equipment, as per NEBS and NEC standards

✓ UL Listed in the US and Canada

configurable open top

standard solid rear doors are configurable for enhanced thermal management

standard locking rear door incorporates spring loaded latch to keep door closed without key

rail brackets are pre-punched for built-in cable management

numbered rackspace increments speed equipment mounting

27 ½"
OR
32 ½"

24 ¼"

WRK-44SA-27

optimized for Passive and Active thermal management

see pgs. 110-117 for thermal management products

Passive

visit middleatlantic.com for our thermal management white paper

Active

ENHANCED!

rear top and bottom knockout plates are split to allow enhanced cable pass-through

split EKO plates remove for cable entry

also available as a presentation enclosure, see pg. 37

27 ½" Outside Depth (25 ¾" Useable) Part #	32 ½" Outside Depth (30 ¾" Useable) Part #	Racking Height	Overall Height	Recommended Power
WRK-44SA-27**	WRK-44SA-32**	77" (44 space)	83 ⅛"	N P R T
WRK-40SA-27	WRK-40SA-32	70" (40 space)	76 ⅛"	N P T
WRK-37SA-27	WRK-37SA-32	64 ¾" (37 space)	70 ⅞"	E G
WRK-24SA-27	WRK-24SA-32	42" (24 space)	48 ⅛"	E G

**Available without rear door, suffix part number with 'LRD'. See pgs. 94-107 for complete list of power products.

WRK-SA SERIES STAND-ALONE RACK ENCLOSURE OPTIONS

see pgs. 28-33 for more information

Top Options   most top options feature a removable 2 rackspace service plate

| MW-ST solid MW-LVT large perf MW-VT slot pattern vented | MW-10FT mounts one 10" fan NEW MW-10FT-550CFM with fan MW-10FT-FC with fan + control | NEW MW-6FT mounts three 6" fans NEW MW-6FT-660CFM with fans | MW-4FT mounts four 4 1/2" fans NEW MW-4FT-380CFM with fans MW-4QFT-FC with quiet fans + control | MW-LA accepts 6", 9" and 12" cable ladders | MW-TR top-mounted rail option, 13 spaces | BR2 2 space brush grommet fits top option opening |

Door Options

		Front Doors				Rear Doors		
Rack Part #	Solid	Plexi	Regular Perf	Large Perf	Plexi Vented	Large Perf	Plexi Vented	Fully Perforated Split
WRK-44SA-xx	FD-44	PFD-44	VFD-44	LVFD-44	PVFD-44	MW-LVRD-44	MW-VRD-44	MW-CLVRD-44
WRK-40SA-xx	FD-40	PFD-40	VFD-40	LVFD-40	–	–	–	–
WRK-37SA-xx	FD-37	PFD-37	VFD-37	LVFD-37	–	–	–	–
WRK-24SA-xx	FD-24	PFD-24	VFD-24	LVFD-24	–	–	–	–

Door Knockout Panel Options

Fan Kit w/ 2 fans, 190 CFM	Vent Panel Kit	Filter Kit	Blank Panel Kit
KO-AWFP2	KO-VT3	KO-FILTER3	KO-WSB3

standard solid rear doors are configurable for enhanced thermal management

Power Distribution and Lighting

vertical and rackmount power and lighting available, please see pgs. 94-107

Vertical Lacer Strips

LACE-44LP 44 space 3 2 " wide lacer strip	LACE-P 45 space 2" wide lacer strip see pg. 91	LACE-40-OP 40 space 3 4 " wide lacer strip

Additional Rail, Caster Bases, Inner Platform Base

Rack Part #	Add'l 10-32 Threaded Rackrail	Add'l Cage Nut Rackrail	Commercial Grade Caster Base	Fine Floor Caster Base	Inner Platform Base
WRK-44SA-27	WRK-RR44	PROWRK-RR44	CBS-WRK-27	CBS-WRK-27R	BS-WRK-27
WRK-40SA-27	WRK-RR40	PROWRK-RR40	CBS-WRK-27	CBS-WRK-27R	BS-WRK-27
WRK-37SA-27	WRK-RR37	PROWRK-RR37	CBS-WRK-27	CBS-WRK-27R	BS-WRK-27
WRK-24SA-27	WRK-RR24	PROWRK-RR24	CBS-WRK-27	CBS-WRK-27R	BS-WRK-27
WRK-44SA-32	WRK-RR44	PROWRK-RR44	CBS-WRK-32	CBS-WRK-32R	BS-WRK-32
WRK-40SA-32	WRK-RR40	PROWRK-RR40	CBS-WRK-32	CBS-WRK-32R	BS-WRK-32
WRK-37SA-32	WRK-RR37	PROWRK-RR37	CBS-WRK-32	CBS-WRK-32R	BS-WRK-32
WRK-24SA-32	WRK-RR24	PROWRK-RR24	CBS-WRK-32	CBS-WRK-32R	BS-WRK-32

Rack Base Templates

Use for floor layout on multi-bay installations

WRK-TEMP-27 for 27" deep WRK-SAs
WRK-TEMP-32 for 32" deep WRK-SAs

Work Surfaces

see pg. 29

Electrical Isolation Knockout Panel

ISO-KOP
top or bottom mount Electrical Isolation Knockout Panel features non-conductive EKOs to isolate electrical conduit from the rack, see pg. 33