

MRK SERIES GANGABLE RACK ENCLOSURES

Narrow Design for Large-Scale Multi-Bay Jobs

Specify an MRK when multiple racks need to be joined, or when open sides are desirable for easy access to cables and components. Slim, space saving design is ideal when floor space is a consideration.

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 8" thick internal braces made from structural steel
- Standard front and rear adjustable 11-gauge, 10-32 threaded, wide rackrail with numbered rackspace increments to speed equipment mounting
- Racks gang together when fully loaded
- Finished in a durable black textured powder coat

Thermal Management

- Configurable open top accepts a number of options
- Standard solid rear doors are configurable and accept a number of options for thermal management

Cable Management

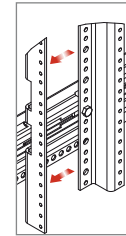
- Abundant lacing points throughout the interior facilitate cable management
- 2", w", 1" and 1 2" electrical knockouts found on removable split rear plates, top knockout plate additionally includes UHF/VHF antenna knockouts
- Rail brackets are pre-punched for built-in cable management
- Removable split rear plates allow cable bundles to be easily passed over or under the MRK's standard key-locking rear door

Code Compliance

- 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
- NEW** OSHPD approved for fixed equipment anchorage in California healthcare facilities
- UL Listed in the US and Canada

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

configurable open top



MV-ZRA-44 optional Z-rail adaptor converts standard rackrail to "Z" rail, for side mount applications

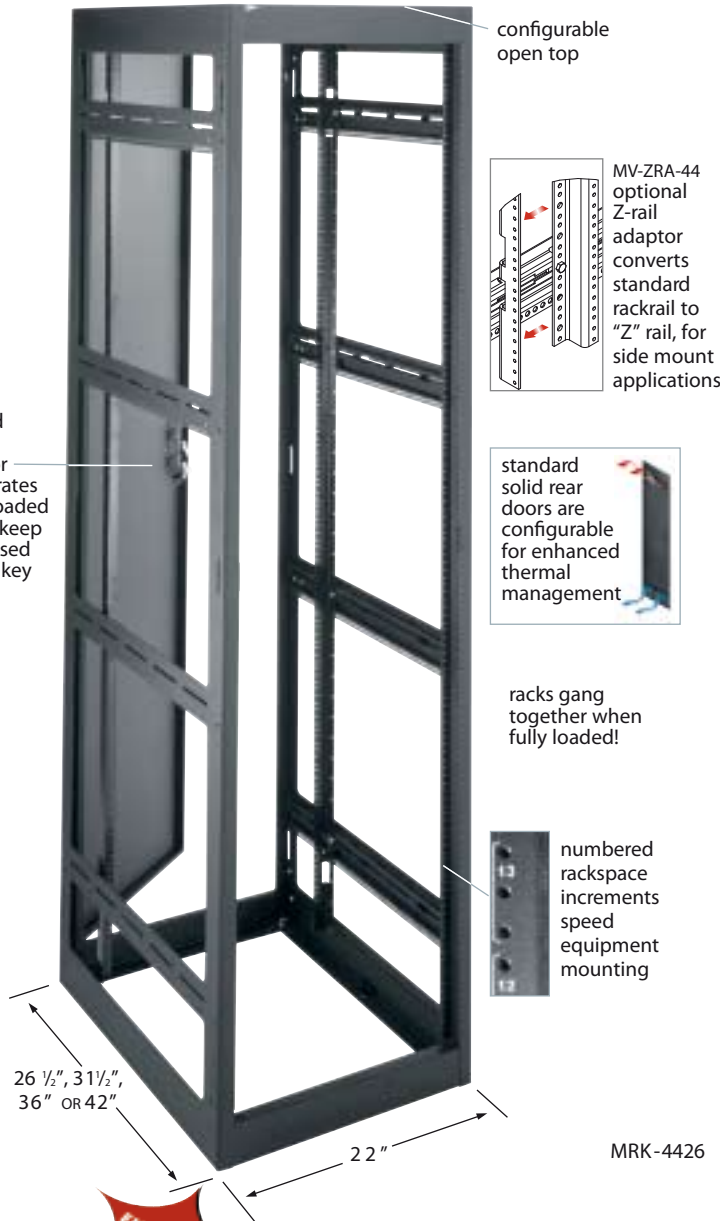


standard solid rear doors are configurable for enhanced thermal management

racks gang together when fully loaded!



numbered rackspace increments speed equipment mounting



MRK-4426

optimized for Passive and Active thermal management

Passive

Active

see pgs. 110-117 for thermal management products

visit middleatlantic.com for our thermal management white paper

ENHANCED!

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

split EKO plates remove for cable entry

26 1/2" Outside Depth (24" Useable) Part #	31 1/2" Outside Depth (29" Useable) Part #	36" Outside Depth (33 1/2" Useable) Part #	42" Outside Depth (39 1/2" Useable) Part #	Racking Height	Overall Height	Recommended Power
MRK-4426**	MRK-4431** MRK-4431PRO***	MRK-4436** MRK-4436PRO***	MRK-4442** MRK-4442PRO***	77" (44 space)	83 1/8"	N P R T
MRK-4026	MRK-4031	MRK-4036	MRK-4042**	70" (40 space)	76 1/8"	N P
MRK-3726	MRK-3731	-	-	64 3/4" (37 space)	70 7/8"	E G
MRK-2426	MRK-2431	-	-	42" (24 space)	48 1/8"	E G

Available without rear door, suffix part number with 'LRD'. *Configured with 2 pairs of cage nut style rackrail. See pgs. 94-107 for complete list of power products.

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A&E SPEC. # 96-039

MRK SERIES GANGABLE RACK ENCLOSURE OPTIONS

see pgs. 28-33 for more information

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

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Door Options

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

Side Panels, Cable Chase, additional Rail, Caster Bases, Inner Platform Base

*custom cable chases available, please call for details

Rack Part #	Keylocked Side Panels, Pair	Cable Chase* 4" Wide	Add'l 10-32 Threaded Rackrail	Add'l Cage Nut Rackrail	Commercial Grade Caster Base	Fine Floor Caster Base	Inner Platform Base
MRK-4426	SPN-44-267	CC-44-267	MV-RR44	PROMRK-RR44	CBS-MRK-26	CBS-MRK-26R	BS-MRK-26
MRK-4026	SPN-40-267	-	MV-RR40	PROMRK-RR40	CBS-MRK-26	CBS-MRK-26R	BS-MRK-26
MRK-3726	SPN-37-267	-	MV-RR37	PROMRK-RR37	CBS-MRK-26	CBS-MRK-26R	BS-MRK-26
MRK-2426	SPN-24-267	-	MV-RR24	PROMRK-RR24	CBS-MRK-26	CBS-MRK-26R	BS-MRK-26
MRK-4431	SPN-44-312	CC-44-312	MV-RR44	PROMRK-RR44	CBS-MRK-31	CBS-MRK-31R	BS-MRK-31
MRK-4031	SPN-40-312	-	MV-RR40	PROMRK-RR40	CBS-MRK-31	CBS-MRK-31R	BS-MRK-31
MRK-3731	SPN-37-312	-	MV-RR37	PROMRK-RR37	CBS-MRK-31	CBS-MRK-31R	BS-MRK-31
MRK-2431	SPN-24-312	-	MV-RR24	PROMRK-RR24	CBS-MRK-31	CBS-MRK-31R	BS-MRK-31
MRK-4436	SPN-44-36	CC-44-36	MV-RR44	PROMRK-RR44	CBS-MRK-36	CBS-MRK-36R	BS-MRK-36
MRK-4036	SPN-40-36	-	MV-RR40	PROMRK-RR40	CBS-MRK-36	CBS-MRK-36R	BS-MRK-36
MRK-4442	SPN-44-423	CC-44-423	MV-RR44	PROMRK-RR44	-	-	BS-MRK-42
MRK-4042	SPN-40-423	-	MV-RR40	PROMRK-RR40	-	-	BS-MRK-42

<h3>Rack Base Templates</h3> <p>Use for floor layout on multi-bay installations</p> <p>MRK-TEMP-26 for 26" deep MRKs MRK-TEMP-31 for 31" deep MRKs MRK-TEMP-36 for 36" deep MRKs</p>	<h3>Work Surfaces</h3> <p>see pg. 29</p>	<h3>Electrical Isolation Knockout Panel</h3> <p>ISO-KOP top or bottom mount Electrical Isolation Knockout Panel features non-conductive EKO's to isolate electrical conduit from the rack, see pg. 33</p>	<h3>RIB Series Riser Base</h3> <p>provides cable management below enclosures see pg. 28 for full details</p>	<h3>Rail Bracket Adaptors</h3> <p>allows for mounting of rack panels vertically between rackrail brackets on 44 sp. MRKs</p> <table border="1"> <thead> <tr> <th>Part #</th> <th>Description</th> </tr> </thead> <tbody> <tr> <td>RBA-MV44-1</td> <td>1 space</td> </tr> <tr> <td>RBA-MV44-2</td> <td>2 space</td> </tr> <tr> <td>RBA-MV44-3</td> <td>3 space</td> </tr> </tbody> </table>	Part #	Description	RBA-MV44-1	1 space	RBA-MV44-2	2 space	RBA-MV44-3	3 space
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