



# VMRK-54 EXTRA TALL RACK ENCLOSURE

## Narrow Design Multi-Bay Rack with Extra Height

TIA/EIA COMPLIANT SEISMIC CERTIFIED  US LISTED

A&E SPEC. # 96-178

Choose a VMRK to take full advantage of ceiling height when additional racking space is required. Extra height and slim, space saving design are ideal when floor space is an issue and additional components are desired.

### Structural Features

- Fully welded construction provides a 2,500 lb. weight capacity
- Superior strength results from the combination of laser cut 8" thick internal braces made from structural steel with 14-gauge steel top and bottom, 16-gauge steel sides and an 11-gauge structural thickness where rackrail brackets are welded to the sides
- Standard front and rear adjustable 11-gauge, 10-32 threaded "Z-Rail" with numbered rackspace increments to speed equipment mounting
- Racks gang together when fully loaded
- Finished in a durable black textured powder coat

### Thermal Management

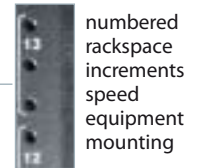
Configurable open top accepts a number of options for thermal management

### Cable Management

- 2", w", 1" and 1 2" electrical knockouts found on removable rear split 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 VMRK'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 600 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 the base of rack facilitates proper grounding and bonding of electronic equipment, as per NEBS and NEC standards  
UL Listed in the US and Canada

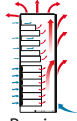


fully adjustable front and rear rackrail

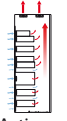


VRR-54  
2 pair standard Z-Rail for side mount applications

optimized for Passive and Active thermal management



Passive

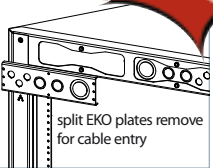


Active

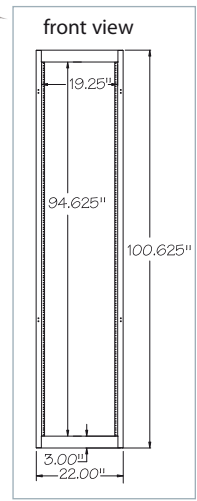
see pgs. 110-117 for thermal management products  
visit [middleatlantic.com](http://middleatlantic.com) for our thermal management white paper

ENHANCED!

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



split EKO plates remove for cable entry



Part #	Racking Height	Overall Height	Recommended Power
VMRK-54	94 1/2" (54 space)	100 5/8"	N P T V

See pgs. 94-107 for complete list of power products.

**Distributed by Multicom, Inc.**

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# VMRK-54 EXTRA TALL 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	MV-PVT31 vented pagoda top	MW-LA accepts 6" and 12" cable ladders	MW-TR top-mounted rail option, 13 spaces	BR2 2 space brush grommet fits top option opening

## Door Options, Side Panels, Additional Rail

Solid Front Door	Plexi Front Door	Vented Front Door	Keylocked Side Panels, Pair	Additional 10-32 Threaded Rail
FD-54	PFD-54	VFD-54	SPN-54-312	VRR-54

## 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, sold in packs of 6

LACE-P  
45 space 2" wide lacer strip, sold in packs of 6 see pg. 91

NEW! LACE-40-OP  
40 space 3 4" wide lacer strip, sold in packs of 6

## Copper Buss Bars

BB-40  
40 space 2" wide copper buss bar

BB-44-1  
44 space 1" wide copper buss bar

## Horizontal Lacer Bars

LBP-1.5  
1.5" offset round rod w/ flattened ends, sold in packs of 10

LBP-1R4  
4" offset round rod w/ flattened ends, sold in packs of 10

LBP-1S  
rectangular rod, sold in packs of 10

LBP-1R  
round rod, sold in packs of 10

LBP-1A  
"L" shaped lacer bar, sold in packs of 10 see pg. 90

LBP-2A  
"L" shaped 2" offset lacer bar, sold in packs of 10

LBP-4A  
"L" shaped 4" offset lacer bar, sold in packs of 10

LBP-6A  
"L" shaped 6" offset lacer bar, sold in packs of 10

LBP-LTF  
lacer panel sold in packs of 10

## 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

## Rack Screws

see pg. 132

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