



VRK VIDEO RACK ENCLOSURE

Narrow Multi-Bay Rack Optimized for Video Cable Bundles

TIA/EIA COMPLIANT SEISMIC CERTIFIED UL US LISTED

A&E SPEC. # 96-177

Select a VRK when looking for a stylish, modern broadcast-standard 22" wide enclosure. Horizontal lacing bars are ideal for quick tie-and-slide lacing of video cable bundles.

Structural Features

- Fully welded construction provides a substantial 2,500 lb. weight capacity
- Laser knockouts for a one-gang electrical box are found in the vented bottom face, front and rear
- 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 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 for thermal management

Cable Management

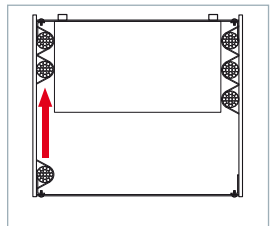
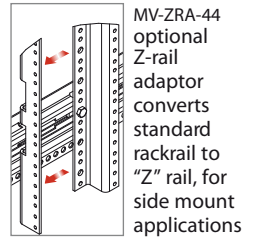
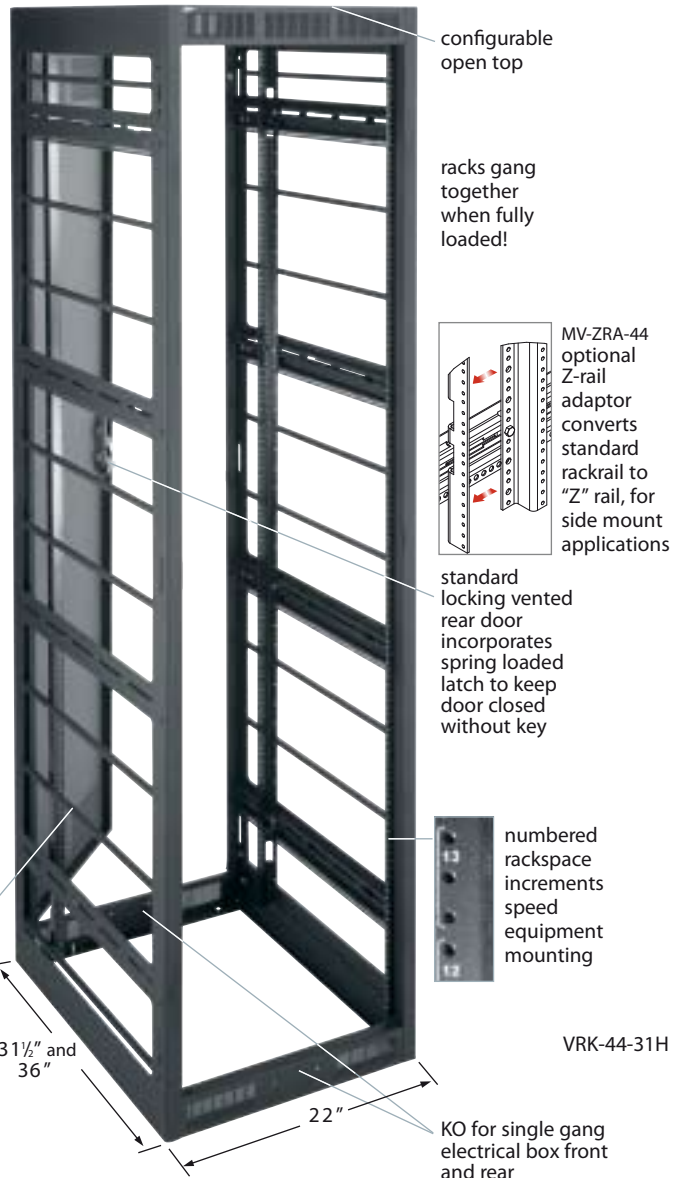
Horizontal lacing bars made from 2" square tubing on 7" centers facilitate quick tie-and-slide cable lacing

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 775 lbs. of essential equipment in upper floor installations when used with optional VRK-Z4 seismic floor anchor brackets (see pg. 32) with an I_p value of 1.5

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

UL Listed in the US and Canada



horizontal lacing bars facilitate convenient tie and slide lacing

31 1/2" and 36"

22"

VRK-44-31H

KO for single gang electrical box front and rear

optimized for Passive and Active thermal management

Passive

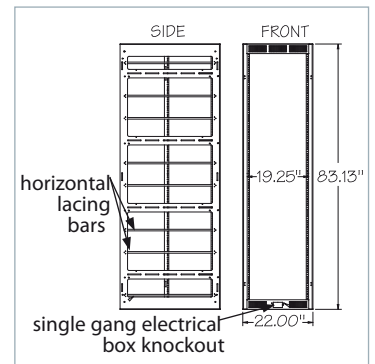
Active

see pgs. 110-117 for thermal management products

visit middleatlantic.com for our thermal management white paper

Model #	Description	Outside Depth	Useable Depth	Overall Height	Recommended Power
VRK-44-31H*	77" (44 space) video rack/horizontal bars	31 1/2"	29"	83 1/8"	N P R T
VRK-44-36H*	77" (44 space) video rack/horizontal bars	36"	33 1/2"	83 1/8"	N P R T

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



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VRK VIDEO 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

Front Doors					Rear Doors		
Solid	Plexi	Reg. Perf Vented	Large Perf	Plexi Vented	Large Perf	Vented	Fully Perforated Split
FD-44	PFD-44	VFD-44	LVFD-44	PVFD-44	MW-LVRD-44	MW-VRD-44	MW-CLVRD-44

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	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

Side Panels, Cable Chase, Rackrail

Keylocked Side Panels, Pair	Cable Chase* 4" Wide	Additional 10-32 Threaded Rackrail
SPN-44-312	CC-44-312	MV-RR44
SPN-44-36	CC-44-36	MV-RR44

Seismic Certified Riser Bases

Seismic Certified riser bases available for raised floor environments in seismic zones, see pg. 29

Rail Bracket Adaptors

allows for mounting of rack panels vertically between rackrail brackets

Part #	Description
RBA-MV44-1	1 space
RBA-MV44-2	2 space
RBA-MV44-3	3 space

Work Surfaces

see pg. 29

RIB Series Riser Base

provides cable management below enclosures see pg. 28 for full details

Z-Rail Adaptor

MV-ZRA-44
Z-Rail adaptor converts standard rackrail to "Z" rail for side mount applications, sold in pairs

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