



Middle Atlantic Products, Inc.

middleatlantic.com

VMRK-54 19" Video Rack Enclosure



SEISMIC CERTIFIED

EIA Compliant

Designed to maximize space and take full advantage of ceiling height, the VMRK-54 gangable broadcast video rack provides 54 spaces of racking height while still maintaining a slim 22" standard width

Features

- Fully welded construction provides a 2,500 lb. weight capacity
- 54 spaces of racking height - extra height allows for the mounting of additional equipment in the same floor space
- Fully adjustable, 10-32 threaded front and rear 'Z-Rail' style rackrail with numbered rackspace increments
- 1/8" thick standard steel internal braces
- 22" OD width, 31" OD depth
- 1/2", 3/4", 1", & 1-1/2", electrical knockouts on rear plates top & bottom easily removable for cable pass-through, top plate additionally includes UHF / VHF knockouts
- Latching rear door standard
- Optional keylocked split side panels available
- Optional solid, fully vented, & plexiglass front doors available
- Open top with configurable top panel options
- Top rail option available
- Seismic Certified (when used with MRK-Z4 option) with an Ip value of 1.5
- Durable black textured powder coat finish
- UL Listed in the US and Canada



VMRK-54

Enclosure Accessories
 ADDITIONAL RACKRAIL
 COPPER BUSS BAR
 DOCUMENT POCKET
 EQUIPMENT MOUNTING
 HARDWARE
 GANGING HARDWARE
 INNER PLATFORM BASE
 LEVELING FEET
 REMOVABLE SIDE PANELS
 UNIVERSAL FRONT DOORS
 VERTICAL AC POWER STRIPS
 WRINKLE TOUCH-UP PAINT

for details - see Master Catalog or
 visit www.middleatlantic.com

Architects' and Engineers' Specifications

EIA compliant 19" equipment rack shall be Middle Atlantic Products model # VMRK-54. Overall dimensions of rack shall be 100.625" H x 22" W x 31" D, with 54 useable rackspaces. Fully welded construction provides a 2,500 lb. weight capacity. Top and bottom shall be 14-gauge steel, sides shall be 16-gauge steel. Rack shall have 11-gauge structural thickness where rackrail brackets are welded to sides, internal braces shall be made from laser cut 1/8" thick structural steel, rear door shall be 18-gauge steel, rackrail shall be 11-gauge steel with tapped 10-32 holes in universal EIA spacing. Rackrail shall have numbered spaces. VMRK-54 shall be of fully welded construction, phosphate pre-treated and finished in a durable black powder coat. The VMRK-54 shall have a solid latching rear door. Grounding and bonding stud shall be 1/4-20 threaded, installed in base of enclosure. VMRK-54 enclosure shall satisfy the 1997 UBC and 1998 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 in conjunction with MRK-Z4 seismic floor anchor brackets with an Ip value of 1.5. Rack shall be UL Listed in the US and Canada.

OPTIONS

- Front doors shall be of 16-gauge steel, model # FD-54 (solid), VFD-54 (vented), PFD-54 (plexi)
- Keylocked side panels shall be of 16-gauge steel, model # SPN-54-312 (side panels are split into 2 panels per side and come in 4 pieces)
- Top panels, 16-gauge steel, in 4 styles - model # MW-ST (solid top), # MW-VT (vented top), # MW-4FT (accepts four 4 1/2" fans), # MW-10FT (accepts one 10" fan) # MW-LA (accepts 6" & 12" wide cable ladders)
- Additional 'Z-Rail' style rail kit, 54 space 10-32 threaded pair, model # VRR-54
- Lacer strip, heavily perforated, 77" long, 11-gauge steel, model # LACE
- Vertical power strips
- Top rail option, 13 space - model # MW-TR
- Riser bases, model # RIB-X-MRK-31 (X= number of bays)
- Horizontal lacer bars
- Seismic compliance floor anchor brackets shall be model # MRK-Z4

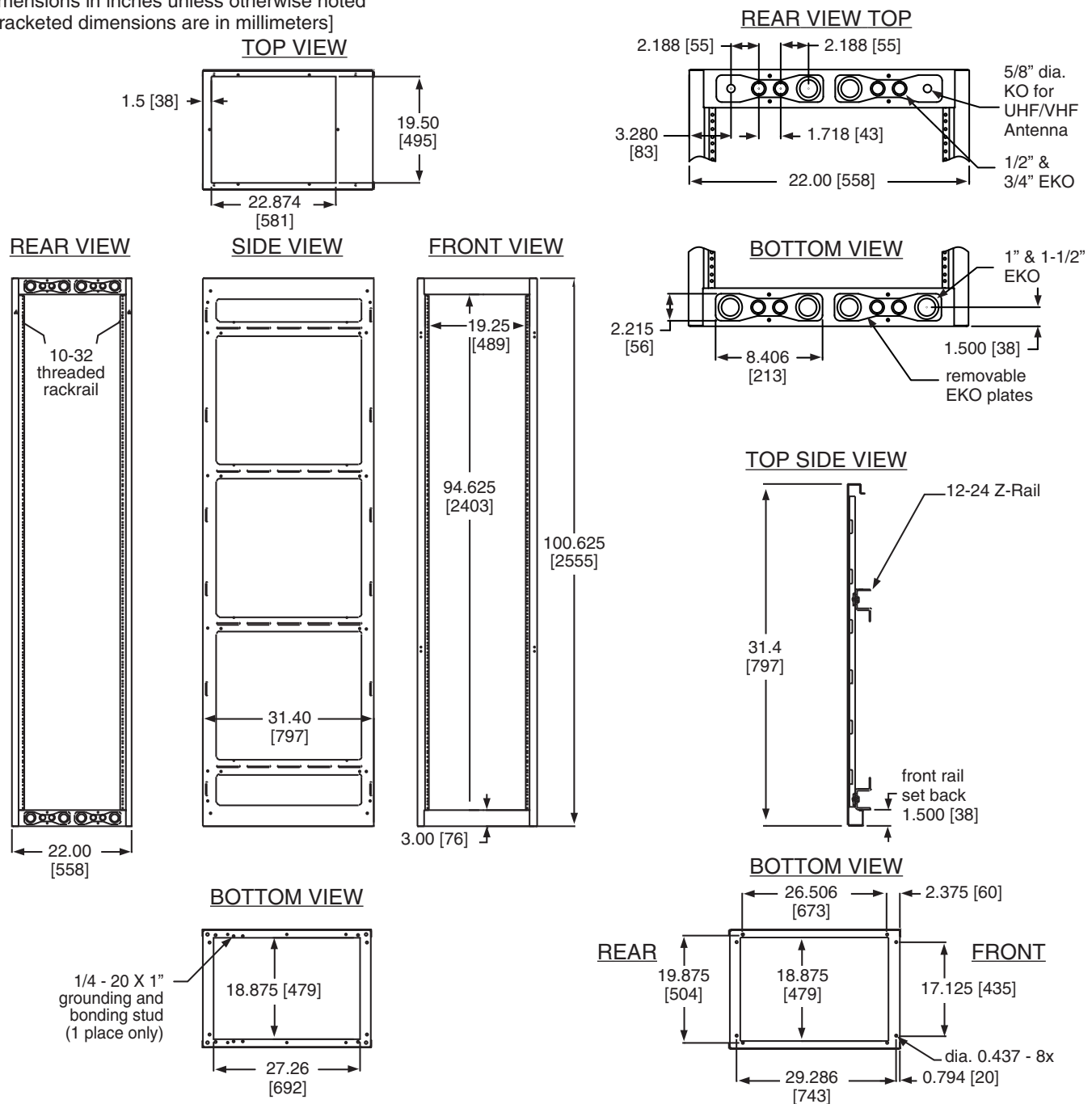
electronic version available at middleatlantic.com

Engineered Mounting Solutions

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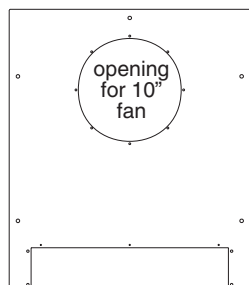
VMRK-54 basic dimensions

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

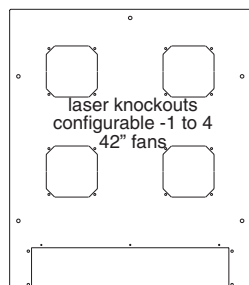


VMRK-54 top options

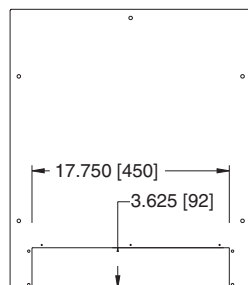
(removable plate opening accommodates 2 space rack panel)



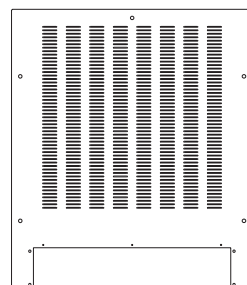
MW-10FT



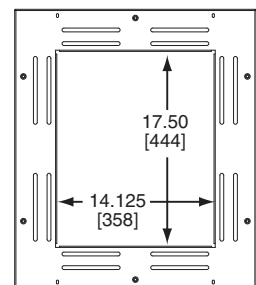
MW-4FT



MW-ST



MW-VT



MW-LA