

# VMRK Series

## 19" video rack enclosure

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 the following weight capacities - UL Listed load capacity: 2,500 lbs. - Seismic certified load capacity: 640 lbs.
- 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 rackrail with numbered rackspace increments
- 1/2", 3/4", 1", & 1-1/2", electrical knockouts on split rear plates top & bottom easily removable for cable pass-through, top plates additionally include UHF / VHF knockouts
- Latching rear door standard
- Optional keylocked split side panels available
- Optional solid, fully vented, & plexi 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



### specifications:

EIA compliant 19" equipment rack shall be Middle Atlantic Products model #VMRK-54 (-36). Overall dimensions of rack shall be 100.625" H x 22" W x \_\_\_\_" D (31.4", 36"), with 54 useable rackspace. Fully welded construction provides a UL Listed 2,500 lb. weight capacity. Rackrail shall be 11-gauge steel with tapped 10-32 holes in universal EIA spacing. Rack shall include a locking, latching rear door. Rackrail shall have numbered spaces. VMRK-54 shall be of fully welded construction, finished in a durable black powder coat. The VMRK-54 shall have a solid latching rear door. Rack shall have removable top and bottom split rear knockout panels with 1/2", 3/4", 1" and 1-1/2" electrical knockouts and BNC knockouts for UHF/VHF antennae in the top only. Grounding and bonding stud shall be 1/4-20 threaded, installed in base of enclosure. VMRK Series enclosures shall satisfy the 2007 & 2010 CBC; 2006, 2009 & 2012 IBC; ASCE 7-05 (2005 Edition) & ASCE 7-10 (2010 Edition) and the 2006 & 2009 editions of NFPA 5000 for use in areas of high seismicity, Seismic Use Group III, Zone 4 or Seismic Design Category (SDC) "D" with lateral force requirements for protecting 640 lbs. of essential equipment in locations with the highest level of seismicity and top floor or rooftop installations with an Importance factor (Ip) of 1.5 when used with MRK-Z4 seismic floor anchor bracket. Rack shall be UL Listed in the US and Canada. VMRK shall be GREENGUARD Gold Certified. VMRK shall be RoHS EU Directive 2011 / 65 / EU compliant. VMRK shall be manufactured by an ISO 9001 and ISO 14001 registered company. Rack shall be warrantied to be free from defects in material or workmanship under normal use and conditions for the lifetime of the rack.

Customizable specification clips available at [middleatlantic.com](http://middleatlantic.com)



PRODUCT CERTIFIED FOR  
LOW CHEMICAL EMISSIONS  
UL.COM/GG  
UL 2818

SEISMIC CERTIFIED



PEP  
eco  
PASS  
PORT®

### options:

- Front doors shall be model # FD-54 (solid), VFD-54 (vented), PFD-54 (plexi)
- Keylocked side panels shall be model # SPN-54-(312,36) (side panels are split into 2 panels per side and come in 4 pieces)
- Top panels, multiple styles available including model # MW-ST (solid top), MW-VT (vented top), MW-4FT (accepts four 4 1/2" fans), MW-6FT (accepts three 6" fans), MW-10FT (accepts one 10" fan) # MW-LA (accepts 6" & 12" wide cable ladders) and MV-PVT (31, 36) (vented pagoda adds 1.41" to top of rack) See A&E spec 96-01063 for more details
- Additional rail kit, 54 space 10-32 threaded pair, model # VRR-54
- Lacer strip, heavily perforated, 77" long, 11-gauge steel, model # LACE
- Top rail option, 13 space - model # MW-TR
- Riser bases, model # RIB-X-MRK-(31,36) (X= number of bays)
- Seismic compliancy floor anchor brackets shall be model # MRK-Z4

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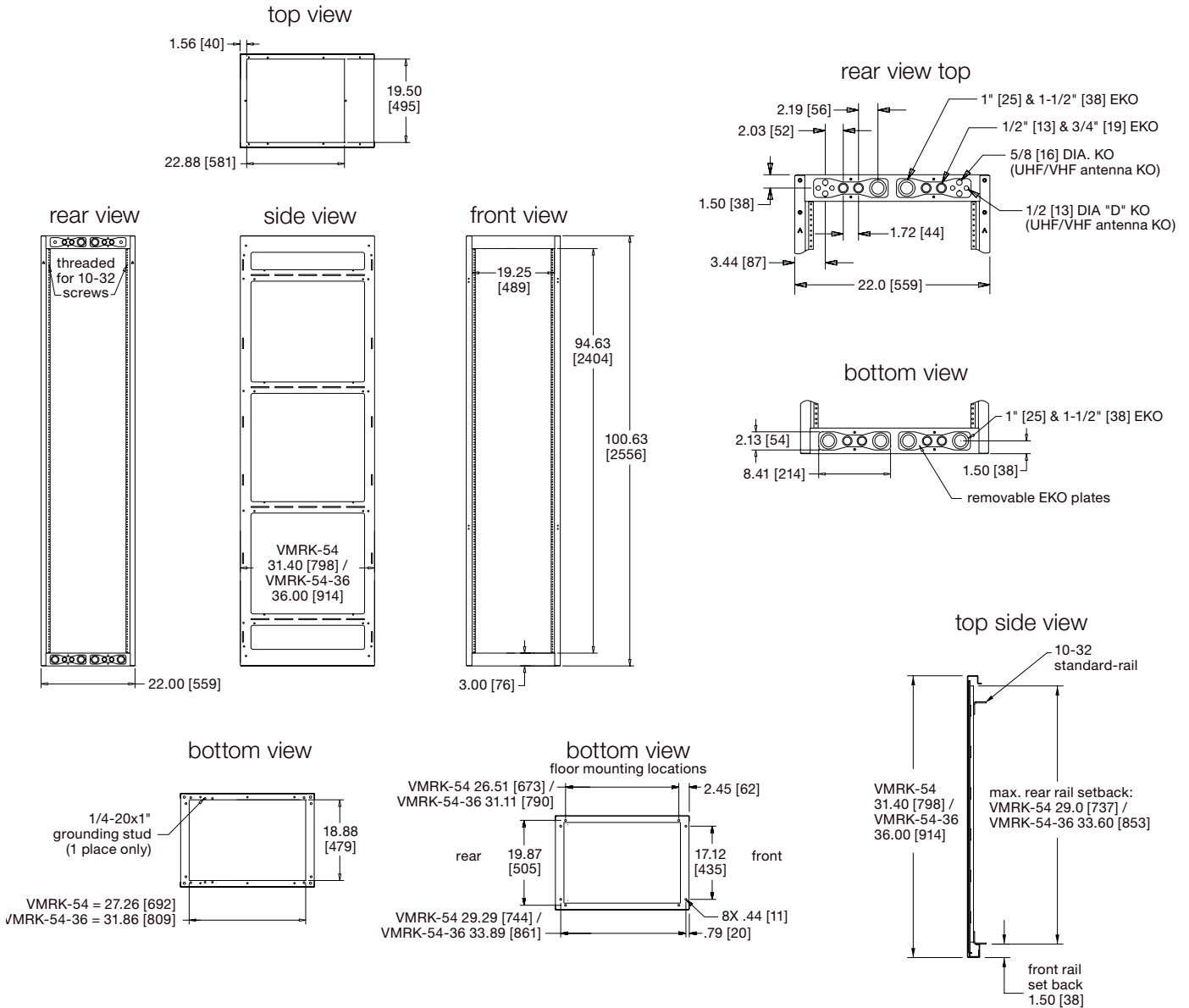
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96-178 / rev i / 1-19-17

# VMRK Series

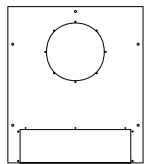
## basic dimensions

all dimensions in inches unless otherwise noted [all dimensions in brackets are in millimeters]

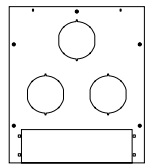


### Top Options

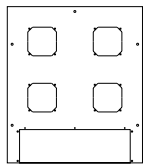
(removable plate opening accommodates 2 space panel)



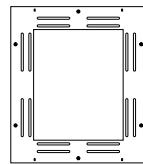
MW-10FT accepts 10" fan  
 MW-10FT-550CFM includes 10" fan  
 MW-10FT-FC includes 10" fan and fan controller



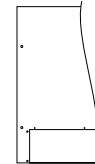
MW-6FT accepts 6" fans  
 MW-6FT-660CFM includes 6" fans



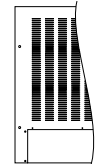
MW-4FT accepts 4-1/2" fans  
 MW-4FT-380CFM includes 4-1/2" fans  
 MW-4QFT-FC includes 4-1/2" quiet fans and fan controller



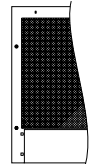
MW-LA accepts 6", 9" and 12" width cable ladder



MW-ST solid



MW-VT slot vent



MW-LVT 64% open area

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