



Middle Atlantic Products, Inc.

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# VRK Series Enclosure

EIA/TIA Compliant

SEISMIC CERTIFIED

UL US LISTED

## The VRK Series 19" gangable enclosures Narrow multi-bay rack optimized for video cable bundles

### Features

- Fully welded construction
- 2,500 lb. weight capacity
- 1/8" thick structural steel internal braces
- Features horizontal lacing bars made from 1/2" thick tubing on 7" centers, which facilitate quick tie-and-slide lacing
- 2 wide pairs of 11-gauge 10-32 threaded rackrail with numbered rackspace increments
- Optional solid, fully vented, plexiglass & vented plexiglass front doors available
- Open top with configurable top panel options
- Seismic Certified (when used with VRK-Z4 option) with an Ip value of 1.5
- Durable black textured powder coat finish
- UL Listed in the US and Canada



VRK-44-31H

#### Enclosure Accessories

ADDITIONAL RAIL KIT  
CONFIGURABLE TOPS  
COPPER BUSS BAR  
CRATING SERVICE  
DOCUMENT POCKET  
DOOR LATCH  
GANGING HARDWARE  
REMOVABLE SIDE PANELS  
TOP RAILS  
UNIVERSAL FRONT DOORS  
WRINKLE TOUCH-UP PAINT  
for details- see Master Catalog or  
visit [www.middleatlantic.com](http://www.middleatlantic.com)

### Architects' and Engineers' Specifications

EIA compliant 19" gangable equipment rack shall be Middle Atlantic Products model # VRK-44-\_\_ (31,36)H. Suffix of LRD shall indicate a model without the standard vented latching rear door. Overall dimensions of rack shall be 83-1/8"H x 22"W x \_\_ (31.4,36)"D. Useable height shall be 44 rackspace, useable depth shall be \_\_ (29,33.6)". Fully welded construction provides a 2,500 lb. weight capacity. Rack shall be constructed of the following materials: top and bottom shall be 14-gauge steel, horizontal braces shall be 16-gauge steel welded to uprights of 16-gauge steel giving an 1/8" thick structure, rear door shall be 18-gauge steel, all structural elements shall be finished in a durable black powder coat. Rack shall come equipped with two pairs of 11-gauge steel rackrail with tapped 10-32 mounting holes in universal EIA spacing. Rackrail shall be finished in black e-coat with numbered rackspace. Top and bottom of rack shall feature vertical slotted vent pattern. Sides of rack shall feature 16 pre-installed horizontal lacing bars. Grounding and bonding stud shall be 1/4-20 threaded, installed in base of enclosure. VRK Series enclosure shall satisfy the 1997 UBC and 2001 CBC Seismic Zone 4 and the 2000 IBC, 2003 IBC, 2002 ASCE Standard 7 and 2003 Ed. NFPA 5000 Seismic Use Group III lateral force requirements for protecting 775 lbs. of essential equipment in upper floor installations when used in conjunction with the VRK-Z4 seismic floor anchor brackets with an Ip value of 1.5. Rack shall be UL Listed in the US and Canada. Rack shall be warranted to be free from defects in material or workmanship under normal use and conditions for the lifetime of the product.

#### OPTIONS

- Front doors shall be reinforced 16-gauge steel, model # FD-44 (solid), VFD-44 (vented, 22% open area), LVFD-44 (vented, 63% open area), PFD-44 (plexi), PVFD-44 (vented plexi)
- Vented rear door shall be 16-gauge steel, model # MW-VRD-44 (vented, top and bottom), MW-LVRD-44 (vented, 63% open area)
- Removable keylocked side panels shall be constructed of 16-gauge steel with recessed lift handles, model # SPN-44-312/SPN-44-36
- Top panels, 16-gauge steel, in 8 styles - model # MW-ST (solid top), # MW-10FT (accepts 10" fan), # MW-4FT (accepts four 4 1/2" fans), # MW-VT (vented top), # MW-LA (accepts 6" & 12" wide cable ladders), #MW-PVT (pagoda vented top adds 1.41" to top of rack), MW-10FT-FC (10" fan with integrated fan control), MW-4QFT-FC (four 4-1/2" quiet fans with integrated fan control)
- Keyless Latch, replaces keylock & fits front & rear doors, model # LATCH
- Lacer strip, heavily perforated, 77" long, 11-gauge steel, model # LACE
- Additional rail kit, 11-gauge, 10-32 threaded, sold in pairs, hardware included, model # MV-RR44
- Seismic compliancy floor anchor brackets shall be model # VRK-Z4

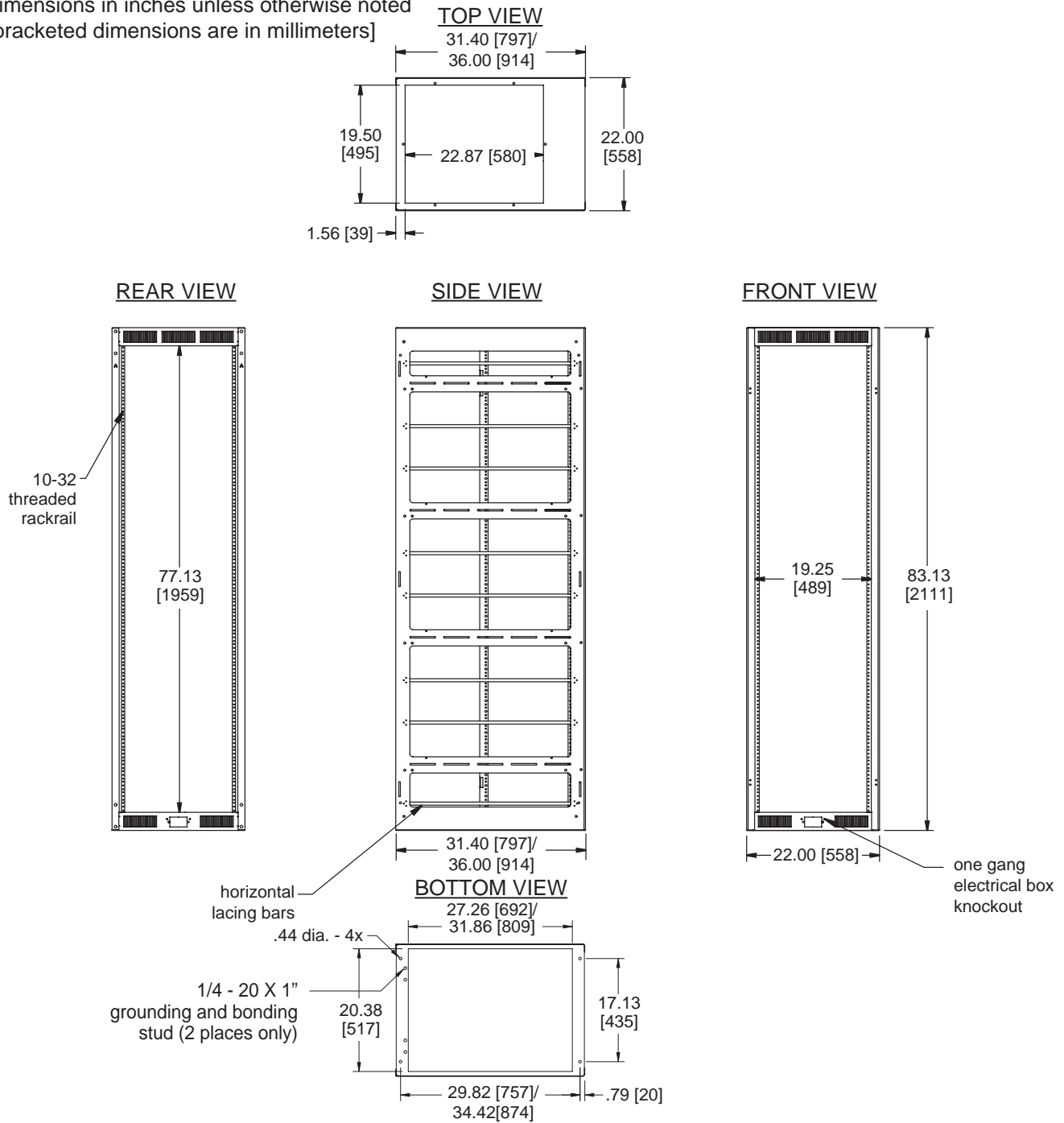
electronic version available at [middleatlantic.com](http://middleatlantic.com)

## Engineered Mounting Solutions

US: New Jersey ■ California ■ Illinois ■ Voice: 973-839-1011 Fax: 973-839-1976 ■ [middleatlantic.com](http://middleatlantic.com)  
Canada: Ontario ■ British Columbia ■ Voice: 613-836-2501 Fax: 613-836-2690 ■ [middleatlantic.ca](http://middleatlantic.ca)

# VRK-44-31H/VRK-44-36H basic dimensions

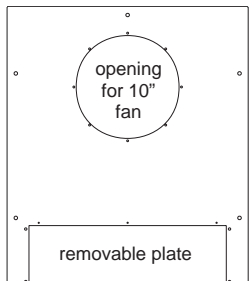
All dimensions in inches unless otherwise noted  
 [All bracketed dimensions are in millimeters]



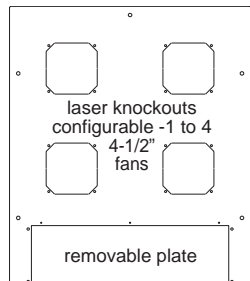
## VRK-44-31H/VRK-44-36H top options

(removable plate opening accommodates 2 space rack panel)

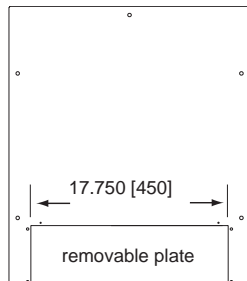
\* Includes fan and integrated fan control



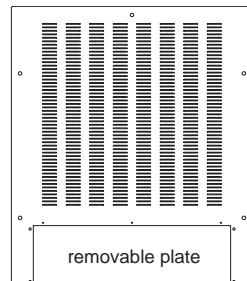
MW-10FT / MW-10FT-FC \*



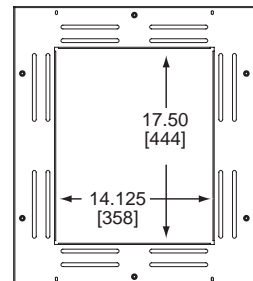
MW-4FT / MW-4QFT-FC \*



MW-ST



MW-VT



MW-LA