VRK Series enclosure

features:

- Fully welded construction provides the following weight capacities:
  - UL Listed load capacity: 2,500 lbs.
  - Seismic certified load capacity: 680 lbs.
- Features horizontal lacing bars made from 1/2" thick tubing on 7" centers, which facilitate quick tie-and-slide lacing
- 2 pairs of 10-32 threaded rackrail with numbered rakespace increments
- Optional solid, fully vented, plexi & vented plexi 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

EIA/TIA Compliant
Seismic Certified
UL Listed
Low Chemical Emissions
GreenGuard Gold Certified
Eco PassPort

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, 42)"D. Useable height shall be 44 rackspaces, useable depth shall be ___(29,33.6)". Fully welded construction provides a UL Listed 2,500 lb. weight capacity. Rack shall be constructed of steel, all structural elements shall be finished in a durable black powder coat. Rack rail shall be equipped with 1/4-20 threaded mounting holes in universal EIA spacing. Rack rail shall be finished in black e-coat with numbered rakespace increments.

VRK 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 680 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 VRK-Z4 seismic floor anchor bracket. Rack rail shall be UL Listed in the US and Canada. VRK series enclosure shall be GREENGUARD Gold Certified. VRK series enclosure 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

options:

- Front doors shall be reinforced steel, model # FD-44 (solid), VFD-44 (vented, 22% open area), LVFD-44 (vented, 64% open area), PFD-44 (plexi), PVFD-44 (vented plexi)
- Vented steel rear doors shall be model # MW-VRD-44 (vented top and bottom), MW-LVRD-x (vented, 64% open area, excludes 24 and 37 space rack) (x = # of rackspaces), MW-CLVRD-44 (split rear door, vented, 76% open area)
- Removable keylocked side panels shall be model # SPN-44-312/SPN-44-36
- Top panels, steel, multiple styles available including model # MW-ST (solid top), MW-10FT (accepts 10" fan), MW-4FT (accepts four 4 1/2" fans), MW-6FT (accepts three 6" fans), MW-VT (vented top), MW-LA (accepts 6" & 12" wide cable ladders), MW-PVT (31/36) ventilated pagoda adds 1.41" to top of rack
- 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

what great systems are built on.™
VRK Series
basic dimensions

all dimensions in inches unless otherwise noted (all dimensions in brackets are in millimeters)

<table>
<thead>
<tr>
<th>Part #</th>
<th>Overall Depth</th>
<th>A</th>
<th>B</th>
<th>C</th>
<th>Useable Depth</th>
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<tbody>
<tr>
<td>VRK-44-36H*</td>
<td>36.0 [914]</td>
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<td>31.86 [809]</td>
<td>33.6 [850]</td>
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<tr>
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<td>40.42 [1027]</td>
<td>37.86 [962]</td>
<td>39.6 [1006]</td>
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</tr>
</tbody>
</table>

*available without rear door, suffix #LRD*

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top options

(removable plate opening accommodates 2 space panel)