

WMRK Series Enclosure

OPTIMIZED FOR USE WITH SERVERS FROM LEADING MANUFACTURERS

Features

- Standard front and rear adjustable cage nut style rail with Z-rail adapters to accommodate most server-slide kits
- Fully welded construction provides the following weight capacities: UL Listed load capacity: 2,500 lbs., Seismic certified capacity: 1,090 lbs.
- 24" overall width optimized for use on raised floors
- Z-rail adapters accommodate most server-slide kits
- Configured for passive thermal management
- Designed to allow racks to be ganged when fully loaded
- Removable split bottom rear panel allows cable bundles to be easily passed over or under the WMRK's standard key-locking split rear doors (standard on configured racks only)
- Rack top includes five integral gland grommeted 4" cable pass-throughs (48" depth includes seven cable pass-throughs)
- Stud in base of rack facilitates the proper grounding and bonding of electronic equipment, as per NEBS and NEC standards
- Available configured, to simplify ordering and assembly, or as a rack frame only (rack frame only does not include rear door)

WMRK-4242SVR-AB



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

Specifications

EIA compliant 19" gangable multi-vendor server rack shall be Middle Atlantic Products model # WMRK-__ (refer to chart). Overall dimensions shall be __H x __W x __D (refer to chart). Useable height shall be __ rackspaces; useable depth shall be __ (refer to chart). Fully welded construction shall provide UL Listed load capacity of 2,500 lbs. Rack shall be constructed of the following materials: top and bottom shall be 14-gauge steel, horizontal braces shall be 16-gauge steel and all structural elements shall be finished in a durable black powder coat. Top shall include __ 4" cable pass-throughs with gland grommets (7 for 48" deep racks). Rack shall have removable split rear knockout panels with 1/2", 3/4", 1" and 1-1/2" electrical knockouts and top BNC knockouts for UHF/VHF antennae. Grounding and bonding stud shall be 1/4-20 threaded, installed in base of enclosure. WMRK 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 1,090 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 WMRK-Z4 seismic floor anchor bracket. Rack shall be UL Listed in the US and Canada. WMRK shall be GREENGUARD Indoor Air Quality Certified for Children and Schools. WMRK shall be manufactured by an ISO 9001 and ISO 14001 registered company. WMRK rack shall be warrantied to be free from defects in material or workmanship under normal use and conditions for 25 years.

Options (Standard on configured models)

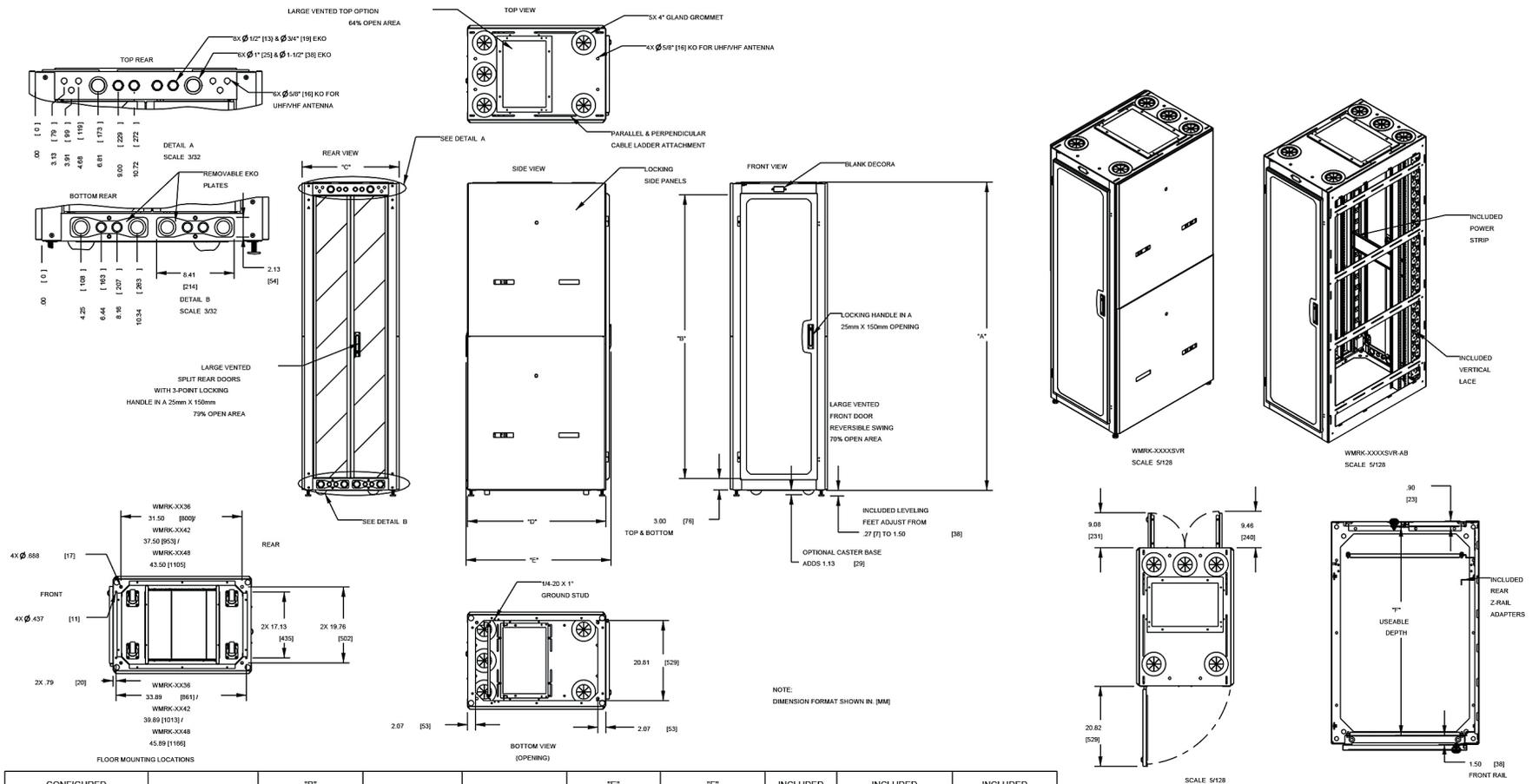
- Locking front door shall be Middle Atlantic Products model #LVFD-WMRK-x. Front door has a 70% open area
- Split rear door shall be Middle Atlantic Products model #MW-CLVRD-x x. Split rear door has a 79% open area
- Rack shall include corded 20 Amp power strip with 20 outlets Middle Atlantic Products model # PDT-2020C-NS (42 space models) or 10 outlets, Middle Atlantic Products model # PDT-1020C-NS (24 space models)
- 42 space model shall additionally include one 3-1/4" width vertical lacing strip, Middle Atlantic Products model # LACE-40-OP

Options (All Models)

- Vertical lacer strips, see master catalog for model #s
- Horizontal lacing bars, see master catalog for model #s
- Additional cage nut rackrail shall be model # PROWMRK-RRx (x = number of rackspaces)
- Additional Z-rail adapter shall be model # PROWMRK-ZRA-x (x = number of rackspaces)
- Seismic compliancy floor brackets shall be model # WMRK-Z4

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NOTE:
DIMENSION FORMAT SHOWN IN [MM]

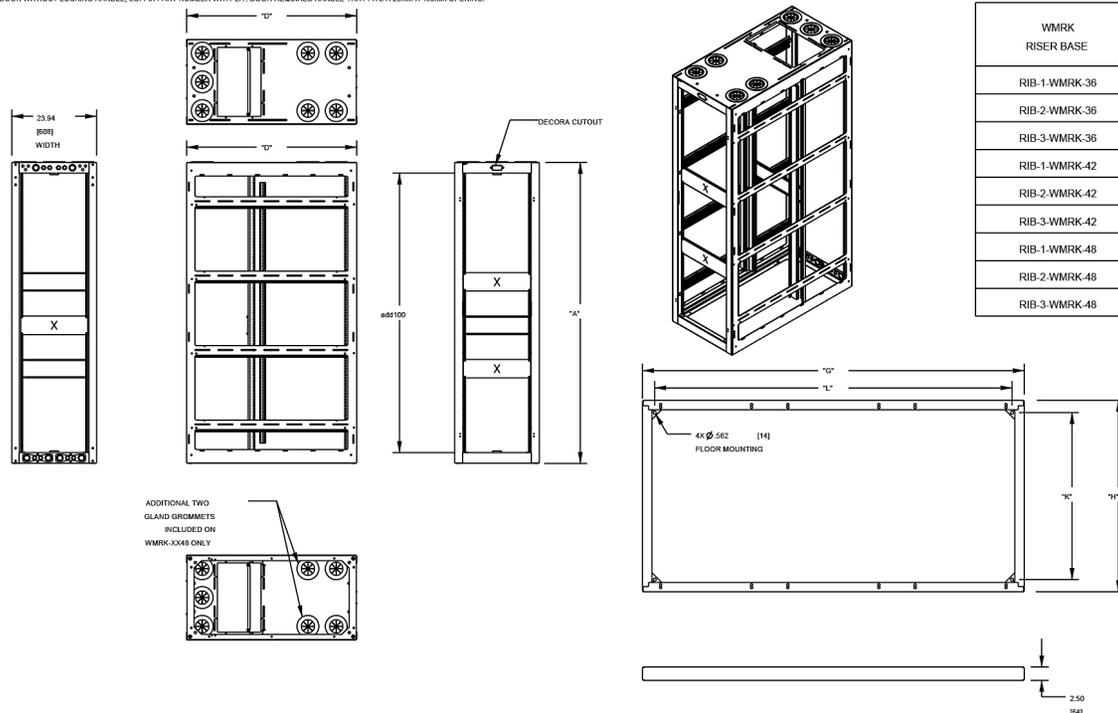
| CONFIGURED WMRK PART #S | "A" HEIGHT | "B" RACKING HEIGHT | "C" WIDTH | "D" DEPTH | "E" OVERALL DEPTH | "F" USEABLE DEPTH | INCLUDED SIDE PANELS | INCLUDED POWER STRIP | INCLUDED VERTICAL LACE |
|-------------------------|--------------|--------------------|-------------|--------------|-------------------|-------------------|----------------------|----------------------|------------------------|
| WMRK-2436SVR | 48.56 [1234] | 42.13 [1070] | 25.58 [650] | 36.00 [914] | 37.71 [958] | 33.60 [853] | YES | PDT-1020C-NS | -- |
| WMRK-2436SVR-AB | 48.56 [1234] | 42.13 [1070] | 23.94 [608] | 36.00 [914] | 37.71 [958] | 33.60 [853] | NO | PDT-1020C-NS | -- |
| WMRK-4236SVR | 80.06 [2034] | 73.63 [1870] | 25.58 [650] | 36.00 [914] | 37.71 [958] | 33.60 [853] | YES | PDT-2020C-NS | LACE-40-OP |
| WMRK-4236SVR-AB | 80.06 [2034] | 73.63 [1870] | 23.94 [608] | 36.00 [914] | 37.71 [958] | 33.60 [853] | NO | PDT-2020C-NS | LACE-40-OP |
| WMRK-4242SVR | 80.06 [2034] | 73.63 [1870] | 25.58 [650] | 42.00 [1067] | 43.71 [1110] | 39.60 [1006] | YES | PDT-2020C-NS | LACE-40-OP |
| WMRK-4242SVR-AB | 80.06 [2034] | 73.63 [1870] | 23.94 [608] | 42.00 [1067] | 43.71 [1110] | 39.60 [1006] | NO | PDT-2020C-NS | LACE-40-OP |

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| WMRK RACK FRAME PART #S | "A" HEIGHT | "B" RACKING HEIGHT | "D" DEPTH | "F" USEABLE DEPTH | OPTIONAL SIDE PANELS | OPTIONAL SOLID FRONT DOOR* | OPTIONAL PLEXIGLASS FRONT DOOR* | OPTIONAL VENTED FRONT DOOR* | OPTIONAL SOLID SPLIT REAR DOORS* | OPTIONAL VENTED SPLIT REAR DOORS* | OPTIONAL CASTER BASE | OPTIONAL PLENUM BASE | ADDITIONAL RACKRAIL | ADDITIONAL Z-RAIL ADAPTOR |
|-------------------------|--------------|--------------------|--------------|-------------------|----------------------|----------------------------|---------------------------------|-----------------------------|----------------------------------|-----------------------------------|----------------------|----------------------|---------------------|---------------------------|
| WMRK-2436 | 48.31 [1227] | 42.13 [1070] | 36.00 [914] | 33.60 [853] | SPN-24-36 | FD-WMRK-24 | PFD-WMRK-24 | LVFD-WMRK-24 | WMRK-CRD-24 | MW-CLVRD-24 | CBS-WMRK-36 | PBS-WMRK-36 | PROWMRK-RR24 | PROWMRK-ZRA-24 |
| WMRK-2442 | 48.31 [1227] | 42.13 [1070] | 42.00 [1067] | 39.60 [1006] | SPN-24-42 | FD-WMRK-24 | PFD-WMRK-24 | LVFD-WMRK-24 | WMRK-CRD-24 | MW-CLVRD-24 | CBS-WMRK-42 | PBS-WMRK-42 | PROWMRK-RR24 | PROWMRK-ZRA-24 |
| WMRK-4236 | 79.81 [2027] | 73.63 [1870] | 36.00 [914] | 33.60 [853] | SPN-42-36 | FD-WMRK-42 | PFD-WMRK-42 | LVFD-WMRK-42 | WMRK-CRD-42 | MW-CLVRD-42 | CBS-WMRK-36 | PBS-WMRK-36 | PROWMRK-RR42 | PROWMRK-ZRA-42 |
| WMRK-4242 | 79.81 [2027] | 73.63 [1870] | 42.00 [1067] | 39.60 [1006] | SPN-42-42 | FD-WMRK-42 | PFD-WMRK-42 | LVFD-WMRK-42 | WMRK-CRD-42 | MW-CLVRD-42 | CBS-WMRK-42 | PBS-WMRK-42 | PROWMRK-RR42 | PROWMRK-ZRA-42 |
| WMRK-4248 | 79.81 [2027] | 73.63 [1870] | 48.00 [1219] | 45.60 [1158] | SPN-42-48 | FD-WMRK-42 | PFD-WMRK-42 | LVFD-WMRK-42 | WMRK-CRD-42 | MW-CLVRD-42 | CBS-WMRK-48 | PBS-WMRK-48 | PROWMRK-RR42 | PROWMRK-ZRA-42 |
| WMRK-4536 | 85.06 [2160] | 78.88 [2004] | 36.00 [914] | 33.60 [853] | SPN-45-36 | FD-WMRK-45 | PFD-WMRK-45 | LVFD-WMRK-45 | WMRK-CRD-45 | MW-CLVRD-45 | CBS-WMRK-36 | PBS-WMRK-36 | PROWMRK-RR45 | PROWMRK-ZRA-45 |
| WMRK-4542 | 85.06 [2160] | 78.88 [2004] | 42.00 [1067] | 39.60 [1006] | SPN-45-42 | FD-WMRK-45 | PFD-WMRK-45 | LVFD-WMRK-45 | WMRK-CRD-45 | MW-CLVRD-45 | CBS-WMRK-42 | PBS-WMRK-42 | PROWMRK-RR45 | PROWMRK-ZRA-45 |
| WMRK-4548 | 85.06 [2160] | 78.88 [2004] | 48.00 [1219] | 45.60 [1158] | SPN-45-48 | FD-WMRK-45 | PFD-WMRK-45 | LVFD-WMRK-45 | WMRK-CRD-45 | MW-CLVRD-45 | CBS-WMRK-48 | PBS-WMRK-48 | PROWMRK-RR45 | PROWMRK-ZRA-45 |

* TO ORDER DOOR WITHOUT LOCKING HANDLE, SUFFIX PART NUMBER WITH 'LH'. DOOR REQUIRES HANDLE THAT FITS A 25mm X 150mm OPENING.



| WMRK RISER BASE | NUMBER OF BAYS | "G" WIDTH | "H" DEPTH | "K" FLOOR MOUNTING | "L" FLOOR MOUNTING |
|-----------------|----------------|--------------|--------------|--------------------|--------------------|
| RIB-1-WMRK-36 | 1 | 23.94 [608] | 36.00 [914] | 31.40 [798] | 19.34 [491] |
| RIB-2-WMRK-36 | 2 | 47.91 [1217] | 36.00 [914] | 31.40 [798] | 43.31 [1100] |
| RIB-3-WMRK-36 | 3 | 71.87 [1826] | 36.00 [914] | 31.40 [798] | 67.27 [1709] |
| RIB-1-WMRK-42 | 1 | 23.94 [608] | 42.00 [1067] | 37.40 [950] | 19.34 [491] |
| RIB-2-WMRK-42 | 2 | 47.91 [1217] | 42.00 [1067] | 37.40 [950] | 43.31 [1100] |
| RIB-3-WMRK-42 | 3 | 71.87 [1826] | 42.00 [1067] | 37.40 [950] | 67.27 [1709] |
| RIB-1-WMRK-48 | 1 | 23.94 [608] | 48.00 [1219] | 43.40 [1102] | 19.34 [491] |
| RIB-2-WMRK-48 | 2 | 47.91 [1217] | 48.00 [1219] | 43.40 [1102] | 43.31 [1100] |
| RIB-3-WMRK-48 | 3 | 71.87 [1826] | 48.00 [1219] | 43.40 [1102] | 67.27 [1709] |

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