



Middle Atlantic Products, Inc.®

middleatlantic.com

WRK Series Enclosure

EIA/TIA Compliant

SEISMIC CERTIFIED

C(UL) US LISTED

The WRK Series 19" gangable enclosure accommodates large cable bundles

Features

- Fully welded construction with a 2,500 lb. weight capacity
- 1/8" thick structural steel internal braces
- 24-1/4" OD width, available 27-5/8" or 32-5/8" OD depth
- 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
- 2 extra-wide pairs of 11-gauge 10-32 threaded rackrail with numbered rackspace increments
- Keylocked solid rear door standard, optional vented rear doors available
- Optional solid, fully vented, plexi & vented plexi doors
- Open top with configurable top panel options
- Durable black textured powder coat finish
- Seismic certified (when used with WRK-Z4 option) with an Ip value of 1.5
- UL Listed in the US and Canada



WRK-44-32

Enclosure Accessories

ADDITIONAL RACKRAIL KIT
 CASTER BASE
 COPPER BUSS BAR
 CRATING SERVICE
 DOCUMENT POCKET
 DOOR LATCH
 GANGING HARDWARE
 INNER PLATFORM BASE
 LEVELING FEET
 TOUCH-UP PAINT
 SEISMIC FLOOR ANCHOR BRACKETS
 CONFIGURABLE TOPS
 TOP RAILS
 UNIVERSAL FRONT DOORS
 UNIVERSAL VENTED REAR DOORS
 for details - see Master Catalog or
 visit middleatlantic.com

Architects' and Engineers' Specifications

EIA compliant 19" gangable equipment rack shall be Middle Atlantic Products model # WRK-___ (see chart for available models). Overall dimensions of rack shall be ___" H x 24-1/2" W x ___" D (refer to chart). Useable height shall be ___ rackspaces, useable depth shall be ___" (refer to chart). Fully welded construction shall provide 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 integral structural side panels 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. Finished in black e-coat with numbered rackspaces. Top and bottom of rack shall have a vertical slotted vent pattern. The WRK shall have a solid locking rear door. Rack shall have removable split rear knockout panels with 1/2", 3/4", 1", and 1-1/2" electrical knockouts installed in base, and removable split rear knockout panels with 1/2", 3/4", 1", and 1-1/2" electrical knockouts, and BNC knockouts for UHF/VHF antennae installed in top. Grounding and bonding stud shall be 1/4-20 threaded, installed in base of enclosure. WRK series enclosures shall satisfy the 1997 UBC and 2001 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 900 lbs. of essential equipment in upper floor installations when used with optional WRK-Z4 seismic floor anchor brackets with an Ip value of 1.5. Rack shall be warrantied to be free from defects in material or workmanship under normal use and conditions for the lifetime of the rack.

OPTIONS

- Front doors shall be 16-gauge reinforced steel, model # FD-XX (solid), VFD-XX (vented, 22% open area), LVFD-XX (vented, 64% open area), PFD-XX (plexi), PVFD-44 (vented plexi) (X = # of rackspaces of WRK rack)
- Vented rear doors shall be 16-gauge steel model # MW-VRD-44 (vented, top and bottom), MW-LVRD-XX (vented 64% open area-excludes 24 and 37 space rack), (X = # of rackspaces of WRK rack), MW-CLVRD-44 (split rear door, vented, 76% open area)
- Removable keylocked side panels shall be constructed of 16-gauge steel with recessed lift handles, model # SPN-XX-YY (X = # of rackspaces, Y = cabinet depth)
- Top panels multiple styles available in model # MW-ST (solid), #MW-10FT (10" fan), MW-4FT (four 4-1/2" fans), MW-6FT (three 6" fans), MW-VT (vented) and MW-LA (accepts 6" & 12" wide cable ladders) see A&E spec 96-01063 for more details
- Caster base, four casters shall have a total weight capacity of 1300 lbs, model # CBS-WRK-YY (Y = cabinet depth)
- Inner platform base (inset base w/out casters) model # BS-WRK-YY (Y = cabinet depth)
- Leveling feet model # LF, shall be 3/8" threaded steel, adjustable from top or bottom, adds 1/4" min. to 1" max. to rack overall height
- Additional rail kit, 11-gauge, 10-32 threaded, sold in pairs, hardware included, model # WRK-RRXX (X = # of rackspaces)
- AXS slide out option available (See AXS Spec sheet 96-052S)

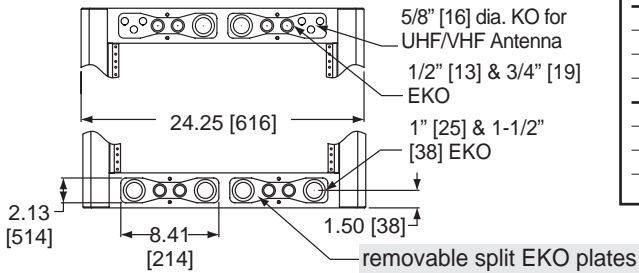
customizable specification clips available at middleatlantic.com

Engineered Mounting Solutions

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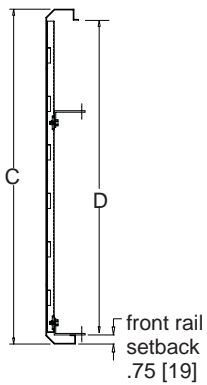
WRK basic dimensions

REAR VIEW, TOP & BOTTOM

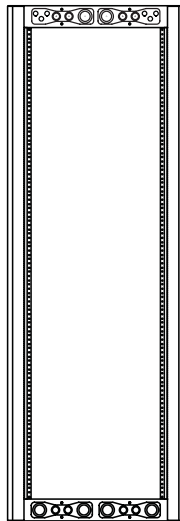


Part #	A OVERALL HEIGHT	B USEABLE HEIGHT	C OVERALL DEPTH	D USEABLE DEPTH	E BASE OPENING DEPTH
WRK-44-27	83.13 [2111]	77.13 [1959]	27.63 [702]	25.75 [654]	24.50 [622]
WRK-40-27	76.13 [1934]	70.13 [1781]	27.63 [702]	25.75 [654]	24.50 [622]
WRK-37-27	70.88 [1800]	64.88 [1648]	27.63 [702]	25.75 [654]	24.50 [622]
WRK-24-27	48.13 [1222]	42.13 [1070]	27.63 [702]	25.75 [654]	24.50 [622]
WRK-44-32	83.13 [2111]	77.13 [1959]	32.63 [829]	30.75 [781]	29.50 [749]
WRK-40-32	76.13 [1934]	70.13 [1781]	32.63 [829]	30.75 [781]	29.50 [749]
WRK-37-32	70.88 [1800]	64.88 [1648]	32.63 [829]	30.75 [781]	29.50 [749]
WRK-24-32	48.13 [1222]	42.13 [1070]	32.63 [829]	30.75 [781]	29.50 [749]

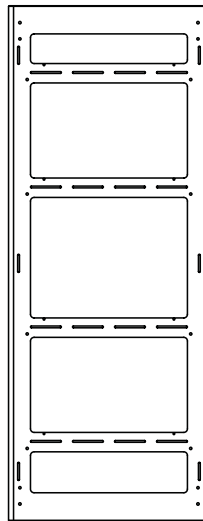
TOP SIDE SECTIONAL VIEW



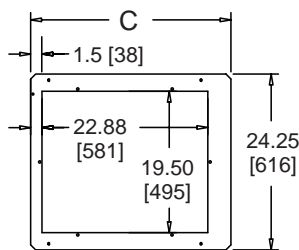
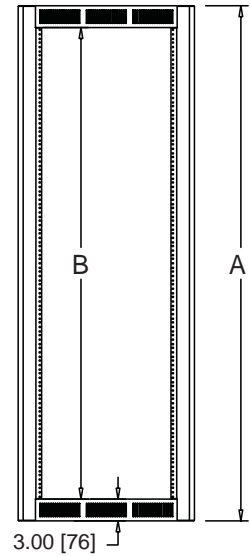
REAR VIEW



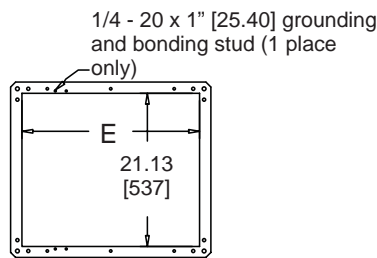
SIDE VIEW



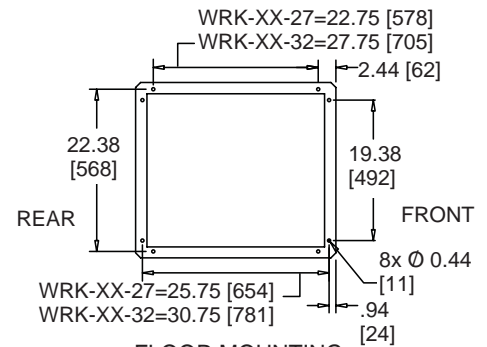
FRONT VIEW



TOP VIEW



BOTTOM VIEW

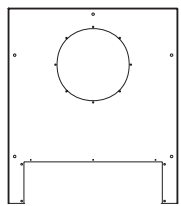


FLOOR MOUNTING LOCATIONS

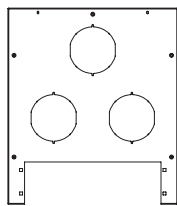


All dimensions in inches unless otherwise noted [All dimensions in brackets are in millimeters]

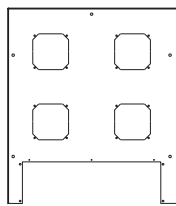
Top options (removable plate opening accommodates 2 space panel)



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

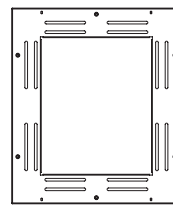


MW-6FT accepts 6" fans
MW-6FT-660CFM includes 6" fans

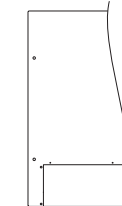


MW-4FT accepts 4-1/2" fans
MW-4FT-380CFM includes 4-1/2" fans
MW-4QFT-FC includes 4-1/2" quiet fans and fan controller

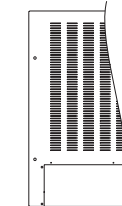
accommodates 12" and 6" width cable ladders



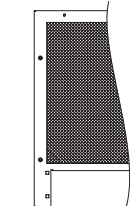
MW-LA accepts 6", 9" and 12" width cable ladder



MW-ST solid



MW-VT slot vent



MW-LVT large perf vent