advanced media technologies®

MODEL

MRK SERIES STAND-ALONE GANGABLE RACK ENCLOSURES

LARGE-SCALE MULTI BAY RACK

Middle Atlantic Products, Inc.

TIA/EIA COMPLIANT SEISMIC CERTIFIED c UL us LISTED

Specify an MRK when multiple racks need to be joined, or when open sides are desirable for easy access to cables and components. Slim, space saving design is ideal when floor space is an issue.

Structural Features

- ✓ Fully welded construction provides a 2,500 lb. weight capacity
- ✓ 14-gauge steel tops and bottoms, 16-gauge seamless steel sides and 11-gauge thickness where the rail brackets are welded to the sides, each model is equipped with laser cut ⅛" thick internal braces made from structural steel
- ✓ Standard front and rear adjustable 11-gauge, 10-32 threaded, wide rackrail with numbered rackspace increments to speed equipment mounting
- ✓ Finished in a durable black textured powder coat

Thermal Management

- ✓ Configurable open top accepts a number of options
- ✓ Standard solid rear doors are configurable and accept a number of options for thermal management

Cable Management

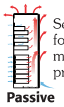
- ✓ Abundant lacing points throughout the interior facilitate cable management
- ✓ ½", ¾", 1" and 1½" electrical knockouts found on removable rear plates, top knockout plate additionally includes UHF/VHF antenna knockouts
- ✓ Rail brackets are pre-punched for built-in cable management
- ✓ Removable rear plates allow cable bundles to be easily passed over or under the MRKs standard key-locking rear door

Code Compliancy

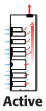
- ✓ Seismic Certified to satisfy the Uniform Building Code seismic zone 4 upper floor requirements for protecting 1,000 lbs. of essential equipment with optional MRK-Z4 mounting brackets, see pg. 26 (applies to 26", 31" and 36" deep MRKs).
- ✓ Grounding/bonding stud in base of rack facilitates the proper grounding and bonding of electronic equipment, as per NEBS and NEC standards
- ✓ UL Listed in the US and Canada

MRK-4426

Optimized for Passive and Active thermal management



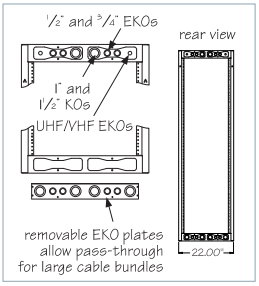
Passive



Active

See pgs. 94-97 for thermal management products

Visit middleatlantic.com for our thermal management white paper

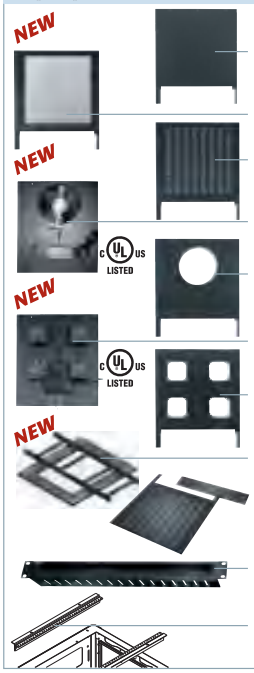


26½" Outside Depth (24" Useable) Part #	31½" Outside Depth (29" Useable) Part #	36" Outside Depth (33½" Useable) Part #	NEW 42" Outside Depth (39½" Useable) Part #	Racking Height	Overall Height	Power Strip•
MRK-4426**	MRK-4431**	MRK-4436** MRK-4436PRO***	MRK-4442**	77" (44 space)	83⅛"	XL L S
MRK-4026	MRK-4031	–	–	70" (40 space)	76⅛"	L M S XS
MRK-3726	MRK-3731	–	–	64¼" (37 space)	70⅞"	L S XS
MRK-2426	MRK-2431	–	–	42" (24 space)	48⅛"	M S

NOTE: will not accommodate XL Extra-Long power strip in conjunction with caster or inner platform base. *Will not accommodate power strip with J-Box. **Available without rear door, suffix part number with 'LRD'. ***Configured with 2 pairs of cage nut style rackrail. See pgs. 82-93 for complete list of power products.

Complete Your Installation With These Options:

Top Options



NEW **MW-ST** solid

NEW **MW-LVT** large perf vented

NEW **MW-VT** slot pattern vented

NEW **MW-10FT-FC** complete with 10" fan and fan control

MW-10FT mounts one 10" fan

NEW ***NEW*** **MW-4QFT-FC** complete with four 4-1/2" quiet fans and fan control

MW-4FT mounts four 4-1/2" fans

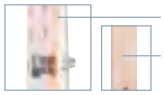
NEW ***NEW*** **MW-LA** accepts 6" and 12" cable ladders

top options feature a removable 2 rackspace service plate

BR2 2 space brush grommet, fits top option opening, ideal for cable pass through

MW-TR top-mounted rail option, 13 spaces

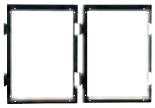
Copper Buss Bars



BB-40 40 space 2" wide copper buss bar

BB-44-1 44 space 1" wide copper buss bar

Rack Base Templates



Use for floor layout on multi-bay installations
MRK-TEMP-26 for 26" deep MRKs
MRK-TEMP-31 for 31" deep MRKs
MRK-TEMP-36 for 36" deep MRKs

NEW selectively vented rear doors are configurable for enhanced thermal management

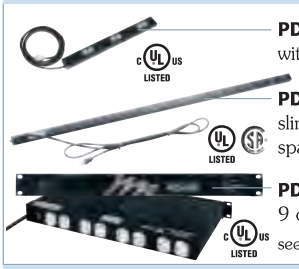
KO-AWFP2

KO-VT3

KO-FILTER3

Part #	Description
KO-AWFP2	fan kit, includes 2 fans
KO-VT3	vent panel kit
KO-FILTER3	filter kit
KO-WSB3	blank panel kit

Power Products



PD-620C-NS 6 outlet 20 amp vertical power strip with 9' cord fits 37 to 44 space MRKs

PD-2415SC-NS 24 outlet 15 amp high density slim power strip with 10' cord, fits 37 to 44 space MRKs

PD-915R rackmount 15 amp power strip, 9 outlets total

see pgs. 82-93 for full power products listing

NEW Rail Bracket Adaptors

Adaptors allow for mounting of blank or other panels vertically between rackrail brackets on 44 space MRKs.

Part #	Description
RBA-MV44-1	1 space
RBA-MV44-2	2 space
RBA-MV44-3	3 space

RIB Series Riser Base System

Provides cable management below the enclosure.

Riser Base System for 26", 31", 36" and 42" deep MRKs, see pg. 22 for full riser base system listing

NEW Seismic Certified riser bases now available for 31" and 36" deep MRKs see pg. 23

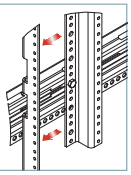
Caster Base and Inner Platform Base

Commercial Grade Caster Base Part #	*NEW* Fine Floor Friendly Caster Base Part #	Inner Platform Base Part #	Fits
–	–	BS-MRK-42	MRK 42" deep
CBS-MRK-36	CBS-MRK-36R	BS-MRK-36	MRK 36" deep
CBS-MRK-31	CBS-MRK-31R	BS-MRK-31	MRK 31" deep
CBS-MRK-26	CBS-MRK-26R	BS-MRK-26	MRK 26" deep

NEW **MW-LVRD-44** large perf door for 44 space MRKs. Use with MRKs without rear door.

MW-VRD-44 vented rear door for 44 space MRKs. Use with MRKs without rear door.

NEW **MV-ZRA-44** z-rail adaptor converts standard rackrail to "Z" rail for side mount applications



Part #	Solid Front Door	Plexi Front Door	Regular Perf Vented Front Door	*NEW* Large Perf Vented Front Door	Plexi Vented Front Door	Keylocked Side Panels, Pair	Cable Chase* 4" Wide	Add'l 10-32 Threaded Rackrail	Add'l Cage Nut Rackrail
MRK-4426	FD-44	PFD-44	VFD-44	LVFD-44	PVFD-44	SPN-44-267	CC-44-267	MV-RR44	PROMRK-RR44
MRK-4026	FD-40	PFD-40	VFD-40	–	–	SPN-40-267	–	MV-RR40	PROMRK-RR40
MRK-3726	FD-37	PFD-37	VFD-37	–	–	SPN-37-267	–	MV-RR37	PROMRK-RR37
MRK-2426	FD-24	PFD-24	VFD-24	–	–	SPN-24-267	–	MV-RR24	PROMRK-RR24
MRK-4431	FD-44	PFD-44	VFD-44	LVFD-44	PVFD-44	SPN-44-312	CC-44-312	MV-RR44	PROMRK-RR44
MRK-4031	FD-40	PFD-40	VFD-40	–	–	SPN-40-312	–	MV-RR40	PROMRK-RR40
MRK-3731	FD-37	PFD-37	VFD-37	–	–	SPN-37-312	–	MV-RR37	PROMRK-RR37
MRK-2431	FD-24	PFD-24	VFD-24	–	–	SPN-24-312	–	MV-RR24	PROMRK-RR24
MRK-4436	FD-44	PFD-44	VFD-44	LVFD-44	PVFD-44	SPN-44-36	CC-44-36	MV-RR44	PROMRK-RR44
NEW MRK-4442	FD-44	PFD-44	VFD-44	LVFD-44	PVFD-44	SPN-44-423	CC-44-423	MV-RR44	PROMRK-RR44

*Custom cable cases available, please call for details