



ERK SERIES STAND-ALONE/GANGABLE RACK ENCLOSURES

Aggressively Priced Stand-Alone Rack with Ganging Capabilities

Specify an ERK when economy is required and solid sides are preferable. Provides unparalleled quality at an aggressive price.

Structural Features

- Fully welded construction, combined with 16-gauge steel tops, bottoms, and sides, provides a 2,500 lb. weight capacity
- Standard front adjustable 11-gauge, 10-32 threaded rackrail with numbered rackspace increments to speed equipment mounting
- Finished in a durable black textured powder coat

Thermal Management

- Front and side ventilation locations optimize convection
- Configurable open tops on all 44, 40 and 35 space ERKs accept a number of options for thermal management while 27, 21 and 18 space models feature a solid top with 2 laser knockouts that accept 42" fans
- Standard solid rear doors are configurable and accept a number of options for thermal management


Cable Management

- 2", w", 1" and 1 2" electrical knockouts found on removable split rear plates, top knockout plate additionally includes UHF/VHF antenna knockouts
- Multiple lacing points and slotted rail brackets add cable management convenience to ERKs
- Removable split rear plates allow cable bundles to be easily passed over or under the ERK's standard key-locking rear door

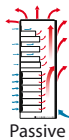
Code Compliance

- Seismic Certified to 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 600 lbs. of essential equipment in upper floor installations when used with optional ERK-Z4 seismic floor anchor brackets (see pg. 32) with an I p value of 1.5
- Stud in the base of rack facilitates proper grounding and bonding of electronic equipment, as per NEBS and NEC standards
- UL Listed in the US and Canada

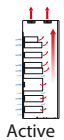
ERKs feature 4" laser EKO's on sides, providing cable pass-through and ganging holes, allowing the ERK to be used in a multi-bay configuration without drilling (44, 40, 35 space models only), use GK4 4" ganging grommet kit to protect cables




optimized for Passive and Active thermal management

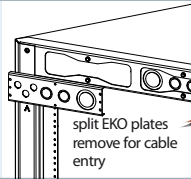


see pgs. 110-117 for thermal management products




visit middleatlantic.com for our thermal management white paper

rear top and bottom knockout plates are split to allow enhanced cable pass-through



AXS slide out system in ERK, see pg. 49



20" Outside Depth (18 15/32" Useable) Part #	25" Outside Depth (23 15/32" Useable) Part #	Racking Height	Overall Height	Recommended Power
ERK-4420 *	ERK-4425 *	77" (44 space)	81 1/8"	N P R T
ERK-4020 *	ERK-4025 *	70" (40 space)	74 1/8"	G N P
ERK-3520 *	ERK-3525 *	61 1/4" (35 space)	65 3/8"	G J N
ERK-2720 *	ERK-2725 *	47 1/2" (27 space)	51 3/8"	E G J
ERK-2120 *	ERK-2125 *	36 3/4" (21 space)	40 7/8"	E G
ERK-1820 *	ERK-1825 *	31 1/2" (18 space)	35 5/8"	C E

*available without rear door, suffix part # with 'LRD'.

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ERK SERIES STAND-ALONE/GANGABLE RACK ENCLOSURE OPTIONS

see pgs. 28-33 for more information

Top Options (44, 40, 35 space models)

				
ERK-ST solid	ERK-VT vented	ERK-10FT mounts one 10" fan NEW ERK-10FT-550CFM with fan ERK-10FT-FC with fan + control	ERK-6FT mounts two 6" fans NEW ERK-6FT-440CFM with fans	ERK-4FT mounts three 4 2" fans NEW ERK-4FT-285CFM with fans ERK-4QFT-FC with quiet fans + control

Door Options

Rack Part #	Front Doors					Rear Door
	Solid	Plexi	Regular Perf Vented	Large Perf Vented	Plexi Vented	Vented
ERK-44xx	FD-44	PFD-44	VFD-44	LVFD-44	PVFD-44	ERK-VRD-44
ERK-40xx	FD-40	PFD-40	VFD-40	LVFD-40	-	ERK-VRD-40
ERK-35xx	FD-35	PFD-35	VFD-35	LVFD-35	-	ERK-VRD-35
ERK-27xx	FD-27	PFD-27	VFD-27	-	-	ERK-VRD-27
ERK-21xx	FD-21	PFD-21	VFD-21	LVFD-21	-	ERK-VRD-21
ERK-18xx	FD-18	PFD-18	VFD-18	LVFD-18	-	ERK-VRD-18




vented rear door, for ERKs ordered without rear door

Power Distribution & Lighting





vertical and rackmount power and lighting available
please see pgs. 94-107

Vertical Lacer Strips

		
LACE-44LP 44 space 3 2" wide lacer strip, sold in pack of 6	LACE-P 45 space 2" wide lacer strip, sold in packs of 6 see pg. 91	LACE-40-OP 40 space 34" wide lacer strip, sold in packs of 6

Copper Buss Bars





	
BB-40 40 space 2" wide copper buss bar	BB-44-1 44 space 1" wide copper buss bar

Additional Rail, Caster Bases

Rack Part #	Add'l 10-32 Threaded Rackrail	Commercial Grade Caster Bases	Fine Floor Caster Base
ERK-4420	ERK-RR44	CBS-ERK-20	CBS-ERK-20R
ERK-4020	ERK-RR40	CBS-ERK-20	CBS-ERK-20R
ERK-3520	ERK-RR35	CBS-ERK-20	CBS-ERK-20R
ERK-2720	ERK-RR27	CBS-ERK-20	CBS-ERK-20R
ERK-2120	ERK-RR21	CBS-ERK-20	CBS-ERK-20R
ERK-1820	ERK-RR18	CBS-ERK-20	CBS-ERK-20R
ERK-4425	ERK-RR44	CBS-ERK-25	CBS-ERK-25R
ERK-4025	ERK-RR40	CBS-ERK-25	CBS-ERK-25R
ERK-3525	ERK-RR35	CBS-ERK-25	CBS-ERK-25R
ERK-2725	ERK-RR27	CBS-ERK-25	CBS-ERK-25R
ERK-2125	ERK-RR21	CBS-ERK-25	CBS-ERK-25R
ERK-1825	ERK-RR18	CBS-ERK-25	CBS-ERK-25R

1,300 lb. weight capacity
700 lb. weight capacity

Rear Door Knockout Panel Options

			
Fan Kit w/ 2 fans, 190 CFM KO-AWFP2	Vent Panel Kit KO-VT3	Filter Kit KO-FILTER3	Blank Panel Kit KO-WSB3

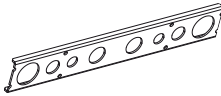
standard solid rear doors are configurable for enhanced thermal management

Grommets



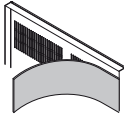
NEW GK-4G gland grommet. Hugs cables to reduce dust and control airflow within an enclosure, sold in packs of 4. Standard GK4 ganging grommet also available.

Electrical Isolation Knockout Panel



ISO-KOP
top or bottom mount Electrical Isolation Knockout Panel features non-conductive EKO's to isolate electrical conduit from the rack, see pg. 33

Vent Blocker



VBK
vent blockers available for Active thermal management, see pg. 115

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