



## Middle Atlantic Products 2011-2012 Master Catalog

- Racks and Enclosures
- Technical Furniture
- Power Distribution
- Thermal Management
- Cable Management
- Rack Accessories

# Integrated System Elements Approach



## The Power of the Integrated System

Complete, optimized and professional installations are the result of proper planning for a fully integrated enclosure system. A fully integrated enclosure system incorporates four essential values that work together to ensure system reliability: the mounting system, thermal management, cable management and power distribution.



### Racks and Enclosures

The mounting system is the foundation, and incorporates time and labor saving features, addresses space constraints, structural needs, is compliant with applicable construction/building codes, and meets the aesthetic needs of the environment.

- Floor, wall, and ceiling mount rack and enclosure systems, as well as unique slide out systems for space restricted environments
- Built-in cable management and time saving features simplify installation
- UL Listed and Seismic Certified mounting products available
- Solutions available to meet the aesthetic needs of any installation



### Technical Furniture

Middle Atlantic offers a selection of technical furniture that, unlike standard office furniture, incorporates specific technical features or capabilities that support a professional installation in a commercial application.



### Power Distribution

Power distribution is needed in every system, and proper planning to ensure that all grounding, protection, backup and distribution needs are met is critical to ensure that the system performs properly.



### Thermal Management

Maintaining an optimal internal operating temperature is the goal of thermal management, and is critical to system reliability.

- Enclosures are designed for proper thermal management, and feature engineered ventilation locations, top options and accessories, allowing the specifier or installer to design a passively or actively cooled system
- Cooling options, including a proportional speed thermostatic fan control, extend equipment life and reduce maintenance requirements



### Cable Management

The primary purpose of cable management is to maintain the integrity of the signal, and facilitate installation, upgrades & servicing of the system.

- Engineered enclosures accept an extensive selection of lacing options
- Removable knockouts provide for cable pass-through where needed
- Abundant cable lacing points simplify cable management
- Most rack top options feature a removable 2 rackspace service plate for easy removal of top option without disturbing cable bundles



### Rack Accessories

Middle Atlantic Products offers a complete line of engineered mounting solutions that come together to complete the integrated enclosure system.

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Image from the Savant Experience Center



## Racks and Enclosures Features and Benefits



Racks and Enclosures form the primary structure of an integrated system, and provide the “frame” that will support not only electronic equipment but also the power, cooling, and cable management elements of the job. Middle Atlantic racks are quite versatile, so there may be several models that will meet your needs depending on your work style and jobsite conditions, but choosing an appropriate model for the project will save time and trouble, and provide better results overall.

Here is a selection chart to help you quickly narrow down your choices. (Also see the “Rack Finder” tool on our website.) We support international sales - contact us for metric threaded offerings. If you need help, please call our technical support group for assistance:

Mounting Method	Style	Application	Series to Consider	
Floor Standing	Stand-Alone (solid sides)	Audio/Video	BGR-SA EGR ERK WRK-SA	RK/BRK OBRK/MBRK SRK OSR
	Multi-Bay (open sides*)	Audio/Video	BGR WRK VRK	VMRK MRK Slim 5
		Servers/Networking	WMRK	DRK
	Open Frame	Networking	R4 RL RLA	R2 MK DR
	Designer	Visible Audio/Video	RDR	
	Portable**	Audio/Video	ISRK PTRK	WRK-24MDK
Wall Mount	Sectional Wall Racks (hinged center section or cover)	All Types	SR DWR EWR SWR	WRP WRS HDR TOR
	Cabinets (hinged center section)	IDF/Networking	CWR	
	Enclosures (closed sides)	All Types	SBX DLBX	SPM
	Open Frame	All Types	VPM WM SFR	PPM HPM
	Ceiling Mount	Enclosures (closed sides)	Distributed Systems	IDF
Slide Out	Stand-Alone	All Types	WR	AXS (ERK, WRK-SA models)
	Multi-Bay	All Types	AXS (MRK, WRK models)	
	In Wall	Audio/Video	AXS	SRSR/SRS
	In Furniture	Audio/Video	SRSR/SRS ASR/ASR-HD	CFR REB
Specialty	Credenza Racks	Audio/Video	C5	
Desktop	Enclosures (closed sides)	All Types	Slim 2/2M	DTRK
	Open Frame	All Types	DR	Slim 2

\* Note that most open sided racks can be fitted with side panels. \*\* Note that most floor standing racks can be fitted with casters.





## Floor Standing Racks and Enclosures 6-29

 <b>NEW!</b>	 <b>NEW!</b>	 <b>NEW!</b>	 <b>NEW!</b>								
BGR 6-7	BGR-SA 8-9	BGR Options 10-11	EGR 12-13	ERK 14-15	WRK 16-17	WRK-SA 18-19	VRK 20-21	VMRK 22-23	MRK 24-25	WMRK 26-27	DRK 28-29

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					 <b>NEW!</b>
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				 <b>NEW!</b>	 <b>NEW!</b>	 <b>NEW!</b>
WR 37	AXS 38-40	SRSR and SRS 41	ASR and ASR-HD 42	CFR and REB 43	C5 44-45	RDR 46

<b>Configured Enclosure Systems</b>	<b>Slim 5 Series</b>	<b>Laminate Racks</b>	<b>Desktop Racks</b>	<b>Portable/Rolling Enclosures</b>
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 <b>NEW!</b>				 <b>NEW!</b>		
RDR, ERK, Slim 5, MRK and WMRK Series 47-49	Slim 5 50-51	RK/BRK and OBRK 52-53	OSR and ISRK 54	DTRK and Slim 2/2M 55	ISRK 56	PTRK and WRK-24MDK 57

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			 <b>NEW!</b>	 <b>NEW!</b>				
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<b>Wall Mount Racks <span style="float: right;">71-73</span></b>	<b>Floor Mount Open Frame Racks <span style="float: right;">74-77</span></b>
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WM and SPM 71	SFR 72	PPM and HPM 73	R4 74-75	RLA, RL, and R2 76	MK 77





EIA/TIA Compliant



Spec. #  
**96-01149**  
for full  
product  
info.



## BGR = Breakthrough Next-Generation Rack

This is the "Next Generation" Rack you have been wanting! BGR series racks have higher weight capacities, provide more useable rackspace, and incorporate more functionality than any other rack system on the market. Features the revolutionary patent-pending LeverLock™ system for tool free installation of cable management accessories. New options include brush grommet rear doors and problem-solving extender bays.

Choose a BGR enclosure for the highest level of space efficiency and strength available, and to enable the use of the latest options for installation flexibility.

### Structural Features

- Breakthrough design provides more useable rack height – for example, the 45 space version overall height is shorter than 44 space alternative models
- Accepts patent-pending LeverLock™ system accessories for fast, flexible cable management and mounting of small devices such as interface boxes, power supplies, and relay modules
- Unique new extender bay adds 3" of useable depth to the front or rear of the enclosure at any time. Extender bays allow the use of existing doors and can even be stacked for greater depths
- Pre-threaded ganging holes allow ganging while fully loaded
- Wide open bottom accepts multiple base options
- Standard front and rear adjustable wide, heavy-gauge, 10-32 threaded rackrail with numbered rackspace increments speeds equipment mounting
- Labels included to indicate rail position front to back
- Finished in a durable black textured powder coat

### Thermal Management

- Top options include solid, vented, and thermostatically controlled DC fan tops for efficiency
- Standard vented door accepts optional doors

### Cable Management

- Accepts LeverLock™ system tool free cable management accessories
- Cable entry choices include generous laser knockouts and choice of trade size openings and/or grommetted pass-throughs
- The generous 21" wide top opening provides for full-width cable and conduit entry, and includes vertical cable entry tie points on both sides
- Optional brush grommet rear door kit can be mounted top or bottom to provide a large cable passage with easy access to the cables without fishing

### Regulatory / Certifications

- Static load capacity - 12,000 lbs.
- UL Listed in the US and Canada. UL Listed load capacity - 3,000 lbs.
- Seismic certified to the following codes and standards: 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 – Zone 4 or Seismic Design Category (SDC) "D". These are designed for Mission Critical and/or High-Importance Installations in locations with the highest level of seismicity and top floor or rooftop installations including those within UBC and CBC Essential facilities or IBC, ASCE 7, and NFPA 5000 Seismic Use Group III facilities. For all codes, the Importance factor (Ip) is 1.5. Seismic Certified load capacity of 1,175 lbs. when used with BGR-Z4 or BGR-ISO-Z4 seismic floor anchor brackets.

BGR Series Gangable Rack Enclosures

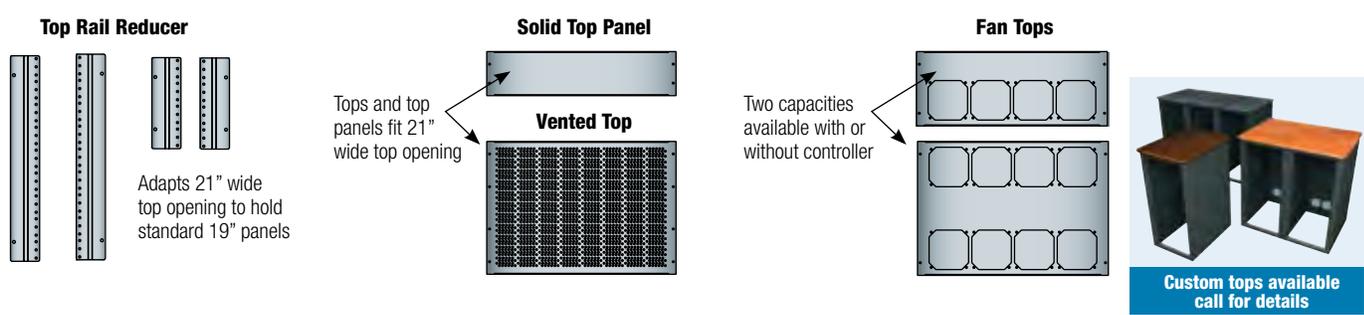
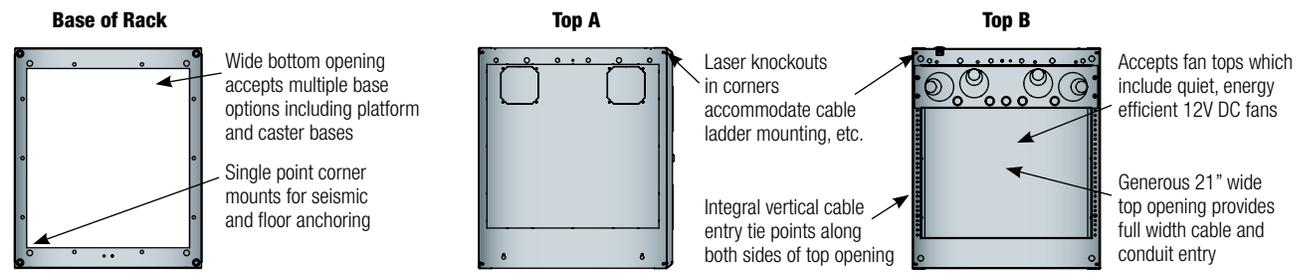
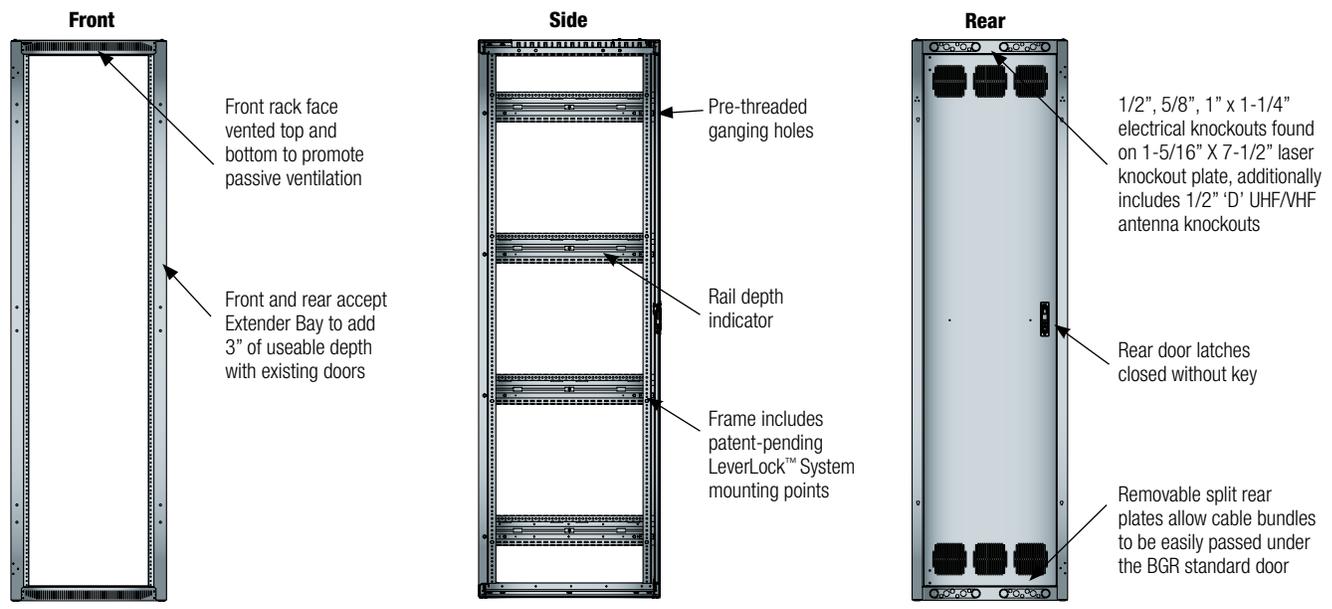
Part #*	Racking Height	Overall Height	Overall Depth	Useable Depth	Side Panels	Add'l 10/32 Threaded Rackrail (Pair)	Accent Trim	Recommended Power*
BGR-1927	33-1/4" (19 space)	37-3/8"	27"	24-3/8"	BSPN-19-27	BGR-RR19	BGR-TRIM19	C E G
BGR-2527	43-3/4" (25 space)	47-7/8"	27"	24-3/8"	BSPN-25-27	BGR-RR25	BGR-TRIM25	E G
BGR-2532	43-3/4" (25 space)	47-7/8"	32"	29-3/8"	BSPN-25-32	BGR-RR25	BGR-TRIM25	E G
BGR-3827	66-1/2" (38 space)	70-5/8"	27"	24-3/8"	BSPN-38-27	BGR-RR38	BGR-TRIM38	N* E G
BGR-3832	66-1/2" (38 space)	70-5/8"	32"	29-3/8"	BSPN-38-32	BGR-RR38	BGR-TRIM38	N* E G
BGR-4127	71-3/4" (41 space)	75-7/8"	27"	24-3/8"	BSPN-41-27	BGR-RR41	BGR-TRIM41	N P
BGR-4132	71-3/4" (41 space)	75-7/8"	32"	29-3/8"	BSPN-41-32	BGR-RR41	BGR-TRIM41	N P
BGR-4138	71-3/4" (41 space)	75-7/8"	38"	35-3/8"	BSPN-41-38	BGR-RR41	BGR-TRIM41	N P
BGR-4527	78-3/4" (45 space)	82-7/8"	27"	24-3/8"	BSPN-45-27	BGR-RR45	BGR-TRIM45	N P R T
BGR-4532	78-3/4" (45 space)	82-7/8"	32"	29-3/8"	BSPN-45-32	BGR-RR45	BGR-TRIM45	N P R T
BGR-4538	78-3/4" (45 space)	82-7/8"	38"	35-3/8"	BSPN-45-38	BGR-RR45	BGR-TRIM45	N P R T

\*available without rear door, suffix part # 'LRD'

•for more info refer to pgs. 96-117

\*excludes PD-2X1215TL-30CB





	Fits Part #	Front Doors					Rear Doors			Fan Tops*				
		Solid	Plexi	Vented	Curved Door Vented	Curved Door Plexi	Cable Entry Rear Door**	Solid Top	Top Rail Reducer	Vented Top	552 CFM	276 CFM	552 CFM with Controller	276 CFM with Controller
<b>Top A</b>	BGR-1927	BFD-19	BPFD-19	BVFD-19	VFD-19A	PFD-19A	BGR-RDC19	-	-	-	-	-	-	-
	BGR-2527	BFD-25	BPFD-25	BVFD-25	VFD-25A	PFD-25A	BGR-RDC25	-	-	-	-	-	-	-
	BGR-2532	BFD-25	BPFD-25	BVFD-25	VFD-25A	PFD-25A	BGR-RDC25	-	-	-	-	-	-	-
<b>Top B</b>	BGR-3827	BFD-38	BPFD-38	BVFD-38	VFD-38A	PFD-38A	BGR-RDC38	BGR-STP9	BGR-TRR9	BGR-LVT9	BGR-552FT	BGR-276FT	BGR-552FT-FC	BGR-276FT-FC
	BGR-3832	BFD-38	BPFD-38	BVFD-38	VFD-38A	PFD-38A	BGR-RDC38	BGR-STP9	BGR-TRR9	BGR-LVT9	BGR-552FT	BGR-276FT	BGR-552FT-FC	BGR-276FT-FC
	BGR-4127	BFD-41	BPFD-41	BVFD-41	VFD-41A	PFD-41A	BGR-RDC41	BGR-STP9	BGR-TRR9	BGR-LVT9	BGR-552FT	BGR-276FT	BGR-552FT-FC	BGR-276FT-FC
	BGR-4132	BFD-41	BPFD-41	BVFD-41	VFD-41A	PFD-41A	BGR-RDC41	BGR-STP9	BGR-TRR9	BGR-LVT9	BGR-552FT	BGR-276FT	BGR-552FT-FC	BGR-276FT-FC
	BGR-4138	BFD-41	BPFD-41	BVFD-41	VFD-41A	PFD-41A	BGR-RDC41	BGR-STP9	BGR-TRR9	BGR-LVT9	BGR-552FT	BGR-276FT	BGR-552FT-FC	BGR-276FT-FC
	BGR-4527	BFD-45	BPFD-45	BVFD-45	VFD-45A	PFD-45A	BGR-RDC45	BGR-STP9	BGR-TRR9	BGR-LVT9	BGR-552FT	BGR-276FT	BGR-552FT-FC	BGR-276FT-FC
	BGR-4532	BFD-45	BPFD-45	BVFD-45	VFD-45A	PFD-45A	BGR-RDC45	BGR-STP9	BGR-TRR9	BGR-LVT9	BGR-552FT	BGR-276FT	BGR-552FT-FC	BGR-276FT-FC
	BGR-4538	BFD-45	BPFD-45	BVFD-45	VFD-45A	PFD-45A	BGR-RDC45	BGR-STP9	BGR-TRR9	BGR-LVT9	BGR-552FT	BGR-276FT	BGR-552FT-FC	BGR-276FT-FC

\*All fan tops come with blank panels to close top of rack. \*\*Order with part # 'LRD'. For more info refer to pgs. 10-11





# BGR-SA Series Stand-Alone Rack Enclosures

**NEW!**



EIA/TIA Compliant



Spec. #  
**96-01153**  
for full  
product  
info.

## BGR = Breakthrough Next-Generation Rack

This is the "Next Generation" Rack you have been wanting! BGR series racks have higher weight capacities, provide more useable rackspace, and incorporate more functionality than any other rack system on the market. Features the revolutionary patent-pending LeverLock™ system for tool free installation of cable management accessories. New options include brush grommet rear doors and problem-solving extender bays.

Choose a BGR enclosure for the highest level of space efficiency and strength available, and to enable the use of the latest options for installation flexibility. This stand-alone version includes fixed vented side panels.

### Structural Features

- Breakthrough design provides more useable rack height – for example, the 45 space version is shorter than 44 space alternative models
- Accepts patent-pending LeverLock™ system accessories for fast, flexible cable management and mounting of small devices such as interface boxes, power supplies, and relay modules
- Unique new extender bay adds 3" of useable depth to the front or rear of the enclosure at any time. Extender bays allow the use of existing doors and can even be stacked for greater depth
- Standard front and rear adjustable wide, heavy-gauge, 10-32 threaded rackrail with numbered rackspace increments speeds equipment mounting
- Wide open bottom accepts multiple base options
- Finished in a durable black textured powder coat

### Thermal Management

- Top options include solid, vented, and thermostatically controlled fan tops
- Standard vented door accepts optional doors

### Cable Management

- Accepts LeverLock™ system tool free cable management accessories
- Cable entry choices include generous laser knockouts and choice of trade openings and/or grommetted pass-throughs
- The generous 21" wide top opening provides for full-width cable and conduit entry, and includes vertical cable entry tie points on both sides
- Optional brush grommet rear door kit can be mounted top or bottom to provide a large cable passage with easy access to the cables without fishing

### Regulatory / Certifications

- Static load capacity - 12,000 lbs.
- UL Listed in the US and Canada. UL Listed load capacity - 3,000 lbs.
- Seismic certified to the following codes and standards: 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 – Zone 4 or Seismic Design Category (SDC) "D". These are designed for Mission Critical and/or High-Importance Installations in locations with the highest level of seismicity and top floor or rooftop installations including those within UBC and CBC Essential facilities or IBC, ASCE 7, and NFPA 5000 Seismic Use Group III facilities. For all codes, the Importance factor (Ip) is 1.5. Seismic Certified load capacity of 1,175 lbs. when used with BGR-Z4 or BGR-ISO-Z4 seismic floor anchor brackets.
- GREENGUARD Indoor Air Quality Certified for Children and Schools (the most strict level)

BGR-SA Series Stand-Alone Rack Enclosures



**BGR-45SA-32**

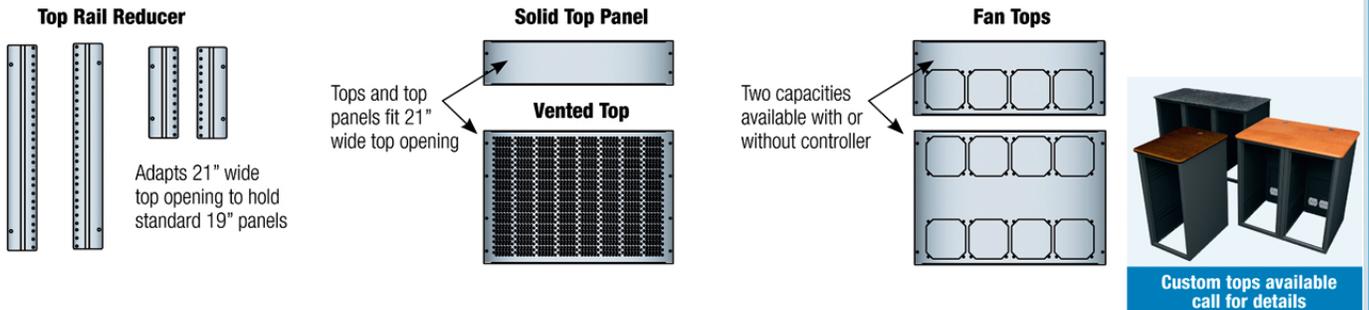
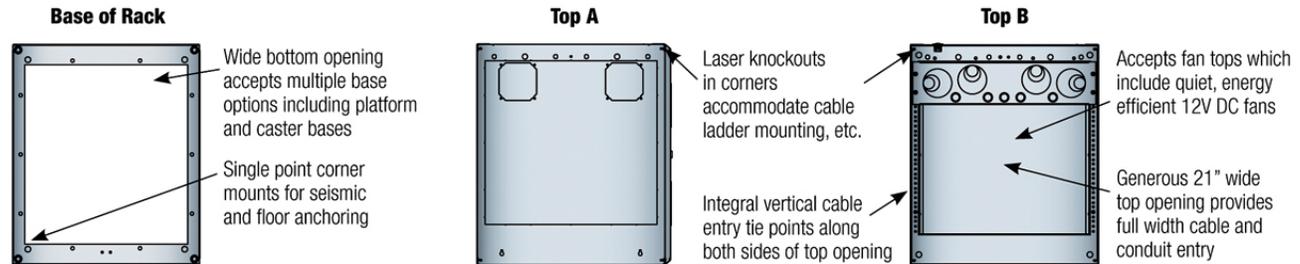
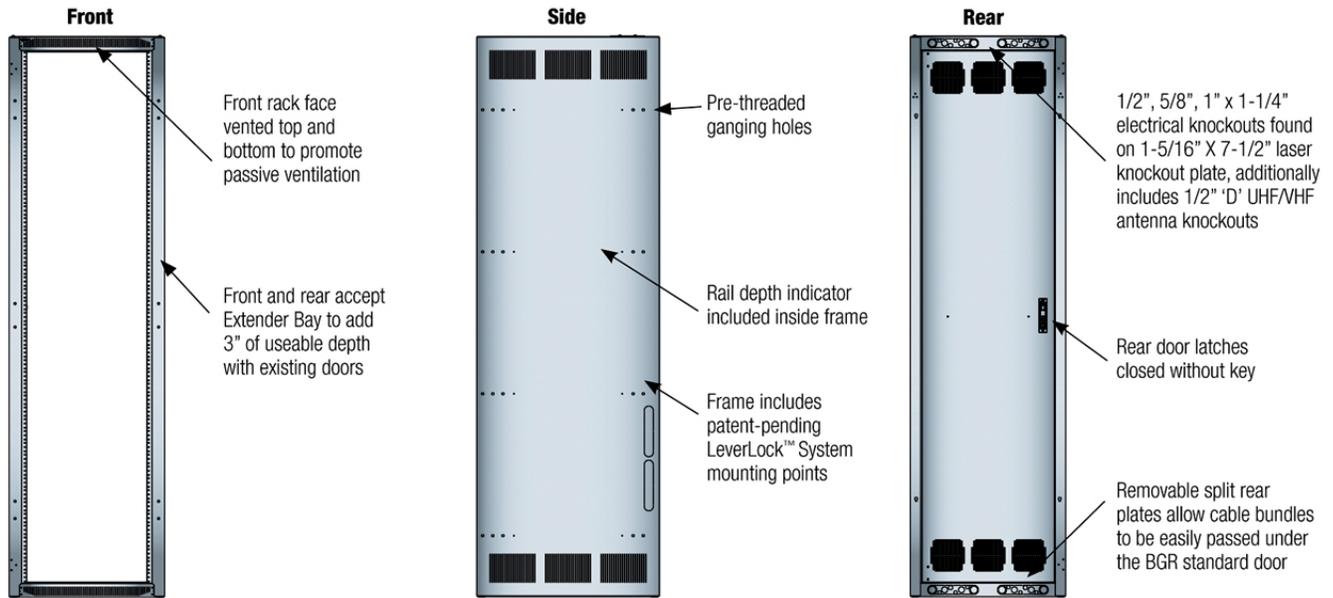
Part #*	Racking Height	Overall Height	Overall Depth	Useable Depth	Add'l 10/32 Threaded Rackrail (Pair)	Accent Trim	Recommended Power*
BGR-19SA-27	33-1/4" (19 space)	37-3/8"	27"	24-3/8"	BGR-RR19	BGR-TRIM19	C E G
BGR-25SA-27	43-3/4" (25 space)	47-7/8"	27"	24-3/8"	BGR-RR25	BGR-TRIM25	E G
BGR-25SA-32	43-3/4" (25 space)	47-7/8"	32"	29-3/8"	BGR-RR25	BGR-TRIM25	E G
BGR-38SA-27	66-1/2" (38 space)	70-5/8"	27"	24-3/8"	BGR-RR38	BGR-TRIM38	N* E G
BGR-38SA-32	66-1/2" (38 space)	70-5/8"	32"	29-3/8"	BGR-RR38	BGR-TRIM38	N* E G
BGR-41SA-27	71-3/4" (41 space)	75-7/8"	27"	24-3/8"	BGR-RR41	BGR-TRIM41	N P
BGR-41SA-32	71-3/4" (41 space)	75-7/8"	32"	29-3/8"	BGR-RR41	BGR-TRIM41	N P
BGR-45SA-27	78-3/4" (45 space)	82-7/8"	27"	24-3/8"	BGR-RR45	BGR-TRIM45	N P R T
BGR-45SA-32	78-3/4" (45 space)	82-7/8"	32"	29-3/8"	BGR-RR45	BGR-TRIM45	N P R T

\*available without rear door, suffix part # 'LRD'

\*for more info refer to pgs. 96-117

\*excludes PD-2X1215TL-30CB



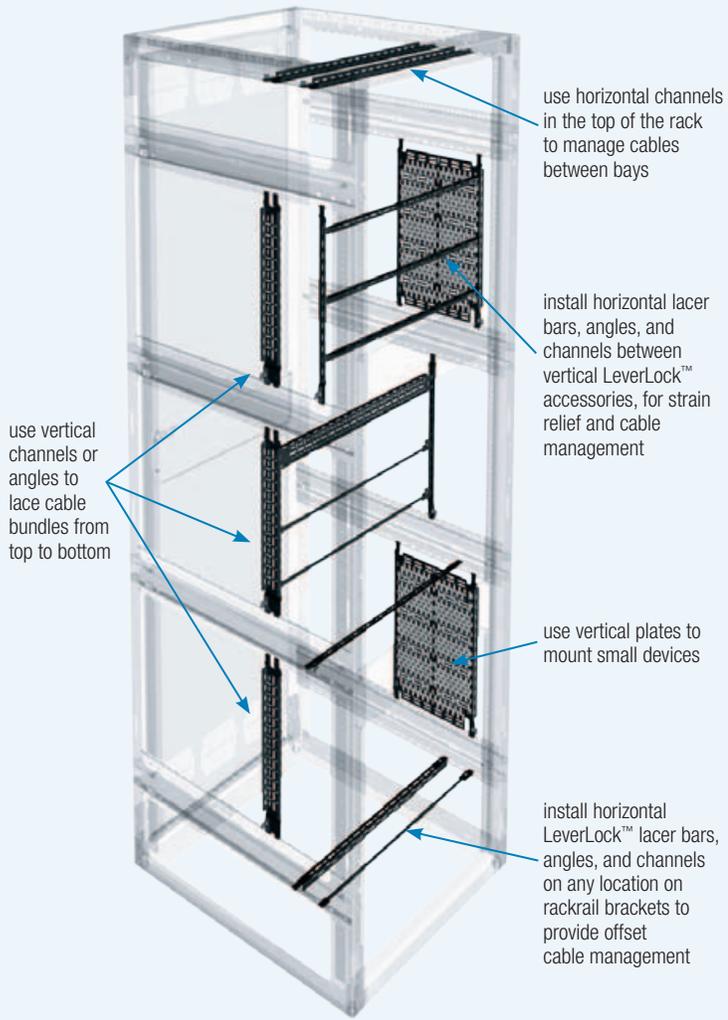


	Fits Part #	Front Doors				Rear Doors		Solid Top	Top Rail Reducer	Vented Top	Fan Tops*			
		Solid	Plexi	Vented	Curved Door Vented	Curved Door Plexi	Cable Entry Rear Door**				552 CFM	276 CFM	552 CFM with Controller	276 CFM with Controller
Top A	BGR-19SA-27	BFD-19	BPFD-19	BVFD-19	VFD-19A	PFD-19A	BGR-RDC19	-	-	-	-	-	-	-
	BGR-25SA-27	BFD-25	BPFD-25	BVFD-25	VFD-25A	PFD-25A	BGR-RDC25	-	-	-	-	-	-	-
	BGR-25SA-32	BFD-25	BPFD-25	BVFD-25	VFD-25A	PFD-25A	BGR-RDC25	-	-	-	-	-	-	-
Top B	BGR-38SA-27	BFD-38	BPFD-38	BVFD-38	VFD-38A	PFD-38A	BGR-RDC38	BGR-STP9	BGR-TRR9	BGR-LVT9	BGR-552FT	BGR-276FT	BGR-552FT-FC	BGR-276FT-FC
	BGR-38SA-32	BFD-38	BPFD-38	BVFD-38	VFD-38A	PFD-38A	BGR-RDC38	BGR-STP9	BGR-TRR9	BGR-LVT9	BGR-552FT	BGR-276FT	BGR-552FT-FC	BGR-276FT-FC
	BGR-41SA-27	BFD-41	BPFD-41	BVFD-41	VFD-41A	PFD-41A	BGR-RDC41	BGR-STP9	BGR-TRR9	BGR-LVT9	BGR-552FT	BGR-276FT	BGR-552FT-FC	BGR-276FT-FC
	BGR-41SA-32	BFD-41	BPFD-41	BVFD-41	VFD-41A	PFD-41A	BGR-RDC41	BGR-STP9	BGR-TRR9	BGR-LVT9	BGR-552FT	BGR-276FT	BGR-552FT-FC	BGR-276FT-FC
	BGR-45SA-27	BFD-45	BPFD-45	BVFD-45	VFD-45A	PFD-45A	BGR-RDC45	BGR-STP9	BGR-TRR9	BGR-LVT9	BGR-552FT	BGR-276FT	BGR-552FT-FC	BGR-276FT-FC
	BGR-45SA-32	BFD-45	BPFD-45	BVFD-45	VFD-45A	PFD-45A	BGR-RDC45	BGR-STP9	BGR-TRR9	BGR-LVT9	BGR-552FT	BGR-276FT	BGR-552FT-FC	BGR-276FT-FC

\*All fan tops come with blank panels to close top of rack. \*\*Order with part # 'LRD'. For more info refer to pgs. 10-11



## LeverLock™ Tool Free Internal Management System for BGR and BGR-SA Racks



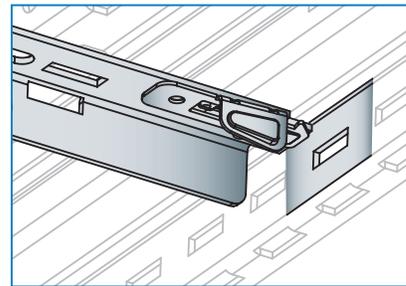
The patent-pending LeverLock™ internal management system facilitates cable management and device mounting within the rack interior through the use of unique tool free cable management bars and vertical accessory mounting plates. The LeverLock system is comprised of 2 types of accessories based on mounting orientation: vertical and horizontal, and all styles *install without tools or hardware*.

### Vertical LeverLock™ Accessories

Vertical lacing bars install between rackrail brackets on BGR and BGR-SA racks to facilitate cable lacing. There are 2 styles: angle and channel - each available in two lengths (17" and 21" - please be sure to order the correct size for your rack using the table below). Vertical mounting plates install between rackrail brackets (just like the vertical bars) and provide convenient mounting of small components in the sides of the rack. The unique tool free design allows for quick installation and removal for servicing - and maximizes space by saving between 2U - 4U per rack.

### Horizontal LeverLock™ Accessories

Horizontal lacing bars install inside the rack from side-to-side to manage cables and provide strain relief to connectors. Mount horizontal bars between rackrail brackets or between vertical bars for extremely flexible location choices. Available in 3 styles: round bar, channel, and angle.



LeverLock™ accessories lock in without tools or hardware when inserted into compatible slot



Gangable Part #	Stand-Alone Part #	Compatible LeverLock™ Accessories						Multi Packs (7 pieces total**)
		Vertical Angle*	Vertical Channel*	Horizontal Round*	Horizontal Channel*	Horizontal Angle*	Vertical 10" Deep Plate	
BGR-1927	BGR-19SA-27	LL-VA17	LL-VC17	LL-HR21	LL-HC21	LL-HA21	LL-VP1710	-
BGR-2527	BGR-25SA-27	LL-VA21	LL-VC21	LL-HR21	LL-HC21	LL-HA21	LL-VP2110	LL-MP21
BGR-2532	BGR-25SA-32	LL-VA21	LL-VC21	LL-HR21	LL-HC21	LL-HA21	LL-VP2110	LL-MP21
BGR-3827	BGR-38SA-27	LL-VA21	LL-VC21	LL-HR21	LL-HC21	LL-HA21	LL-VP2110	LL-MP21
BGR-3832	BGR-38SA-32	LL-VA21	LL-VC21	LL-HR21	LL-HC21	LL-HA21	LL-VP2110	LL-MP21
BGR-4127	BGR-41SA-27	LL-VA17	LL-VC17	LL-HR21	LL-HC21	LL-HA21	LL-VP1710	-
BGR-4132	BGR-41SA-32	LL-VA17	LL-VC17	LL-HR21	LL-HC21	LL-HA21	LL-VP1710	-
BGR-4138	-	LL-VA17	LL-VC17	LL-HR21	LL-HC21	LL-HA21	LL-VP1710	-
BGR-4527	BGR-45SA-27	LL-VA21	LL-VC21	LL-HR21	LL-HC21	LL-HA21	LL-VP2110	LL-MP21
BGR-4532	BGR-45SA-32	LL-VA21	LL-VC21	LL-HR21	LL-HC21	LL-HA21	LL-VP2110	LL-MP21
BGR-4538	-	LL-VA21	LL-VC21	LL-HR21	LL-HC21	LL-HA21	LL-VP2110	LL-MP21

\*Available in 4 packs. Please suffix part number with -4. \*\*Multi packs include (2) LL-VC21, (4) LL-HA21, and (1) LL-VP2110



## Options

Fits	3" Front or Rear Extender	Cable Chase Lift Off Front & Back Only	Cable Chase Top Only	Front Trim Kit (Silver)	Front Trim Kit (Black)	Front Doors					Cable Entry Rear Door
						Solid	Plexi	Vented	Curved Door Vented	Curved Door Plexi	
BGR 45 space racks	BGR-45-EXT3	BGR-CC-45FB	BGR-CC-38LT	BGR-TRIM45	BGR-TRIM45B	BFD-45	BPFD-45	BVFD-45	VFD-45A	PFD-45A	BGR-RDC45
BGR 41 space racks	BGR-41-EXT3	BGR-CC-41FB	BGR-CC-32LT	BGR-TRIM41	BGR-TRIM41B	BFD-41	BPFD-41	BVFD-41	VFD-41A	PFD-41A	BGR-RDC41
BGR 38 space racks	—	BGR-CC-38FB	BGR-CC-27LT	BGR-TRIM38	BGR-TRIM38B	BFD-38	BPFD-38	BVFD-38	VFD-38A	PFD-38A	BGR-RDC38
BGR 25 space racks	—	—	—	BGR-TRIM25	BGR-TRIM25B	BFD-25	BPFD-25	BVFD-25	VFD-25A	PFD-25A	BGR-RDC25
BGR 19 space racks	—	—	—	BGR-TRIM19	BGR-TRIM19B	BFD-19	BPFD-19	BVFD-19	VFD-19A	PFD-19A	BGR-RDC19

Commercial Caster Kit (adds 1")	Inner Platform Base	Leveling Feet*	Seismic Anchor Kit	Ground Isolation Kit	Seismic Ground Iso Kit	21" wide Solid Top Panels	Vented Top Panels	Top Rail Reducer Kits	Fan Tops	Thermostatically Controlled Fan Tops	Set of 2 BGR Drift Pins for Ganging Racks	Vent Blocker Kit	Rear Door Document Pocket
CBS-BGR	BS-BGR	LF-HD	BGR-Z4	BGR-ISO	BGR-ISO-Z4	BGR-STP3	—	—	BGR-276FT (276 CFM)	BGR-276FT-FC (276 CFM)	TDRIFT	VBK-BGR (for BGR)	DOC-SACK
—	—	—	—	—	—	BGR-STP4	—	BGR-TRR4	BGR-552FT (552 CFM)	BGR-552FT-FC (552 CFM)	—	VBK-BGR-SA (for BGR-SA)	—
—	—	—	—	—	—	BGR-STP9	BGR-LVT9	BGR-TRR9	—	—	—	—	—

\*Leveling Feet adjust from 7/8" to 2-3/4"

**Rail Depth Indicator**

front to rear markings on rail bracket allow for easy rail placement

Accommodates	Bays	Riser Bases	Raised Floor Riser Feet	Raised Floor Support Angles	Seismic Riser Bases	Seismic Brackets (1 Set Required Per Rack)	Rack Isolation Kit	Multi-Bay Floor Layout Template
BGR 27" depth racks	1	RIB-1-BGR-27	VFEET-1-12	BANGLE-1	—	—	—	BGR-TEMP-27
BGR 27" depth racks	2	RIB-2-BGR-27	VFEET-2-12	BANGLE-2	—	—	—	BGR-TEMP-27
BGR 27" depth racks	3	RIB-3-BGR-27	VFEET-3-12	BANGLE-3	—	—	—	BGR-TEMP-27
BGR 27" depth racks	4	RIB-4-BGR-27	VFEET-4-12	BANGLE-4	—	—	—	BGR-TEMP-27
BGR 27" depth racks	5	RIB-5-BGR-27	VFEET-5-12	BANGLE-5	—	—	—	BGR-TEMP-27
BGR 32" depth racks	1	RIB-1-BGR-32	VFEET-1-12	BANGLE-1	SRB-1-BGR-3224	BGR-Z4/BGR-ISO-Z4	BGR-ISO	BGR-TEMP-32
BGR 32" depth racks	2	RIB-2-BGR-32	VFEET-2-12	BANGLE-2	SRB-2-BGR-3224	BGR-Z4/BGR-ISO-Z4	BGR-ISO	BGR-TEMP-32
BGR 32" depth racks	3	RIB-3-BGR-32	VFEET-3-12	BANGLE-3	SRB-3-BGR-3224	BGR-Z4/BGR-ISO-Z4	BGR-ISO	BGR-TEMP-32
BGR 32" depth racks	4	RIB-4-BGR-32	VFEET-4-12	BANGLE-4	—	—	—	BGR-TEMP-32
BGR 32" depth racks	5	RIB-5-BGR-32	VFEET-5-12	BANGLE-5	—	—	—	BGR-TEMP-32
BGR 38" depth racks	1	RIB-1-BGR-38	VFEET-1-12	BANGLE-1-38	SRB-1-BGR-3824	BGR-Z4/BGR-ISO-Z4	BGR-ISO	BGR-TEMP-38
BGR 38" depth racks	2	RIB-2-BGR-38	VFEET-2-12	BANGLE-2-38	SRB-2-BGR-3824	BGR-Z4/BGR-ISO-Z4	BGR-ISO	BGR-TEMP-38
BGR 38" depth racks	3	RIB-3-BGR-38	VFEET-3-12	BANGLE-3-38	SRB-3-BGR-3824	BGR-Z4/BGR-ISO-Z4	BGR-ISO	BGR-TEMP-38
BGR 38" depth racks	4	RIB-4-BGR-38	VFEET-4-12	BANGLE-4-38	—	—	—	BGR-TEMP-38
BGR 38" depth racks	5	RIB-5-BGR-38	VFEET-5-12	BANGLE-5-38	—	—	—	BGR-TEMP-38

NOTE: Crating Services available, see web or call for details.





EIA/TIA Compliant



Spec. #  
96-01135  
for full  
product  
info.



This innovative rack features V-System™ compatibility for AV equipment mounting versatility (see next page) as well as new options including brush grommet rear doors and problem-solving extender bays.

Choose an EGR enclosure if you need to maintain maximum mounting flexibility for small items, cable routing, and on-site changes.

### Structural Features

- V-System™ brackets provide simple, flexible mounting of interface boxes, AC power strips, power supplies, relay modules and other items to the inner side walls of the rack
- Unique new extender bay adds 3" of useable depth to the front or rear of the enclosure at any time. Extender bays allow the use of existing doors and can even be stacked for greater depths
- Standard front fixed heavy-gauge, 10-32 threaded rackrail with numbered rackspace increments speeds equipment mounting
- Finished in a durable black textured powder coat

### Thermal Management

- Designed for passive thermal management with provision for active options
- Comes with standard solid rear door with top and bottom venting that accepts 4-1/2" fans
- Sides of enclosure include venting on top and bottom
- Standard vented rear door accepts optional fans
- Fan top options and rear door fan kits are available

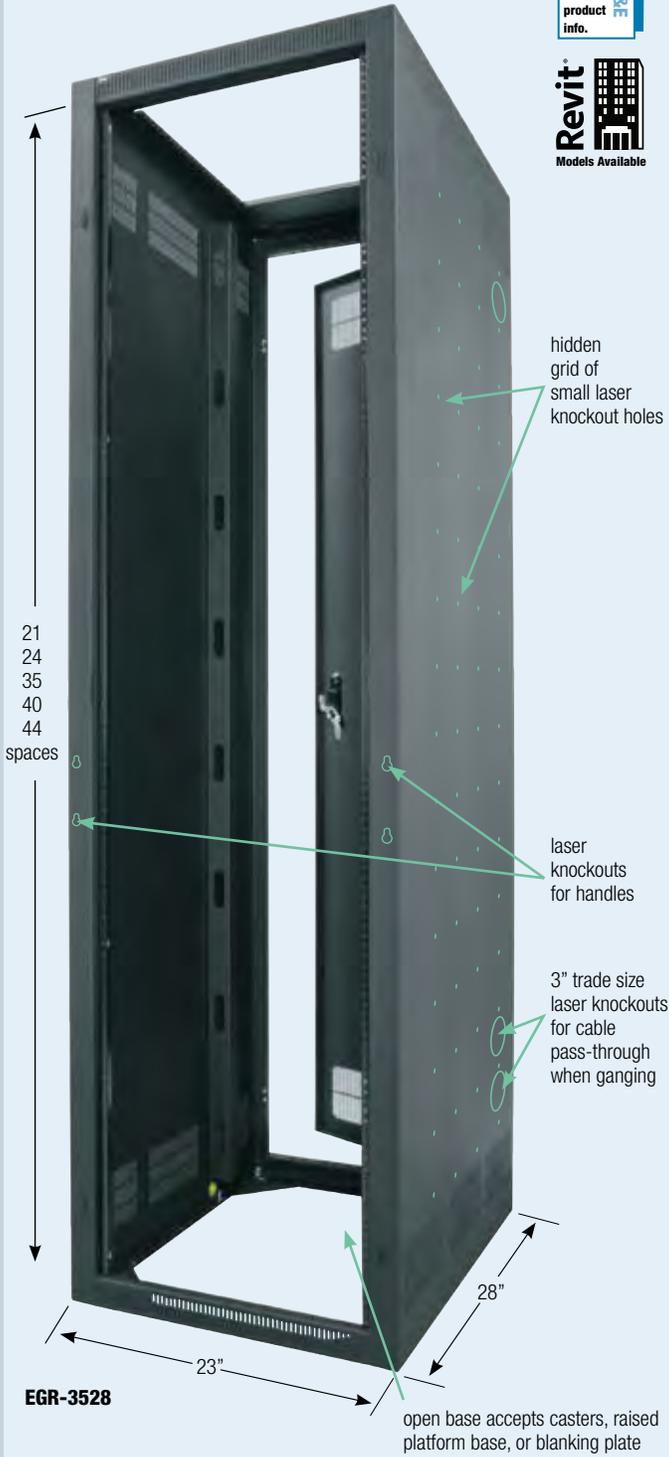
### Cable Management

- Cable entry choices include generous laser knockouts and choice of trade openings and/or pass-throughs which accept grommets
- V-system™ brackets provide new cable management options inner rack side wall areas
- A new option is Middle Atlantic's innovative brush grommet rear door kit, which allows the brush grommet to be mounted top or bottom to provide a large cable passage with easy access to the cables without fishing

### Regulatory / Certifications

- Static load capacity, - 8,000 lbs.
- UL Listed in the US and Canada. UL Listed load capacity - 2,000 lbs.
- GREENGUARD Indoor Air Quality Certified for Children and Schools (the most strict level)

EGR Series Versatile Stand-Alone/Gangable AV Rack Enclosure Options



Includes removable top closure panels – one with knockouts, 3 solid. No need to buy additional top!



The V-System plates & brackets can be used to route cabling in addition to mounting AV devices, power strips, & rackrail.



Rear cable entry brush grommet can be installed after cable bundles are routed and secured.



Extender bay adds 3" of useable depth to front or rear and allows use of existing doors.

Part#	Racking Height	Overall Height	Useable Depth	Overall Depth	Recommended Vertical Power Strip*
EGR-2128*	36-3/4" (21 space)	41"	27-1/4"	28"	<b>C G</b>
EGR-2428*	42" (24 space)	46-1/8"	27-1/4"	28"	<b>C G</b>
EGR-3528*	61-1/4" (35 space)	65-1/2"	27-1/4"	28"	<b>C G</b>
EGR-4028*	70" (40 space)	74-1/4"	27-1/4"	28"	<b>C G P</b>
EGR-4428*	77" (44 space)	81-1/4"	27-1/4"	28"	<b>C G P T</b>

\* Ships on small pallet for space savings. For large pallet, suffix part # with "L1", for less rear door, suffix part# with "LRD".  
•for more info refer to pgs. 96-117





## V-System™ Compatible Mounting Accessories

**EGR enclosures feature V-System-ready sides with small laser knockout holes on a 5-1/4" grid. V-System brackets and accessories use the grid to provide highly flexible mounting options for large and small AV components, power strips, cabling, and even rackrail. Brackets can be used in any combination, vertically or horizontally, to meet the needs of installers.**

V-System accessory brackets provide mounting points for equipment and other system elements such as rackrail and lacer bars. Models are available in fixed and slotted hole patterns, and with various standoffs, for flexibility. Here are some examples:



V-System sub-plates bridge the mounting grid to provide wider mounting surfaces and feature a versatile mounting pattern.

Cable Manager Brackets (6)	Cable Tie Points (15)	8" Cable/Wire Management Ties with Mounting Studs (12)	Pair of Accessory Brackets	Pair of Telescoping Accessory Brackets	Rackrail Brackets (4)	Aluminum Mounting Plate	L-Brackets	Pair of Pull Handles	4 Pack of Gland Grommets	Vent Blocker Kit
CMB-6	CTP-15	TW12-S	EGR-ACCB	EGR-ACCB-T	EGR-RRB	EGR-SUB	LBKT-1.5 (2) LBKT-1.5-8 (8) LBKT-2.5 (2) LBKT-2.5-8 (8)	EGR-HDL	GK-3G GK-1X7G	VBK-P28

Part #	3" Front or Rear Extender	Cable Entry Rear Door	Solid Front Door	Vented Front Door	Plexi Front Door	Rear Rail Kit (Pair)
EGR-4428	EGR-44-EXT3	EGR-RDC44	FD-44	LVFD-44	PFD-44	EGR-RR44
EGR-4028	EGR-40-EXT3	EGR-RDC40	FD-40	LVFD-40	PFD-40	EGR-RR40
EGR-3528	-	EGR-RDC35	FD-35	LVFD-35	PFD-35	EGR-RR35
EGR-2428	-	EGR-RDC24	FD-24	LVFD-24	PFD-24	EGR-RR24
EGR-2128	-	EGR-RDC21	FD-21	LVFD-21	PFD-21	EGR-RR21

3 Space Panel w/ Two 69 CFM Fans	3 Space Panel w/ Two 69 CFM Fans and Proportional Speed Thermostatic Controller	Fan Kit for EGR Rear Door (Two 69 CFM Fans)	Fan Kit for Rear Door w/ Controller (Two 69 CFM Fans)	Skirted Caster Base (adds 4")	Inner Platform Base	Solid Base w/ LKO	1, 2, or 3 Bay Thermolaminate Top	Chassis Support Angles	Wrinkle Powder Coat Finish Blank Panels
EFP-2DC	EFP-2DC-FC	FAN2-DC	FAN2-DC-FC	CBS-EGR-28	BS-EGR-28	SBS-EGR-28	EGR-T1-28*	EGR-CSA-28	WSB1 (1 space)
-	-	-	-	-	-	-	EGR-T2-28*	-	WSB2 (2 space)
-	-	-	-	-	-	-	EGR-T3-28*	-	WSB3 (3 space)
-	-	-	-	-	-	-	-	-	WSB4 (4 space)

\*Custom tops available call for details. Replace 'xx' with AG = Aged Cherry, DC = Dark Cherry, DP = Dark Pecan, DS = Darkstone, EA = Ebony Ash, GS = Graystone, PS = Pepperstone, HM = Honey Maple, LW = Light Walnut, MP = Maple, SG = Shark Gray, WG = Wenge.



# ERK Series Stand-Alone/Gangable Rack Enclosures



EIA/TIA Compliant



Spec. #  
96-038  
for full  
product  
info.



Models Available

## ERK = Economical Rack

This economical stand-alone rack can also be ganged to create partitioned multi-bay installations for thermal management control, future growth, or other purposes.

Specify an ERK when a strong, basic rack is required, and where seismic certification and solid sides are required or preferred.

### Structural Features

- Fully welded construction for strength
- Standard front adjustable heavy-gauge, 10-32 threaded rackrail with numbered rackspace increments speeds equipment mounting
- Finished in a durable black textured powder coat

### Thermal Management

- Comes with standard configurable rear door, compatible with optional cooling and filter kits
- Enclosure sides include top and bottom venting
- Solid, plexi, and vented front door options are available
- Vented and fan top options are available

### Cable Management

- Multiple lacing points and slotted rail brackets add cable management convenience to ERKs

### Regulatory / Certifications

- Static load capacity - 10,000 lbs.
- UL Listed in the US and Canada. UL Listed load capacity - 2,500 lbs.
- Seismic certified to the following codes and standards: 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 – Zone 4 or Seismic Design Category (SDC) "D". These are designed for Mission Critical and/or High-Importance Installations in locations with the highest level of seismicity and top floor or rooftop installations including those within UBC and CBC Essential facilities or IBC, ASCE 7, and NFPA 5000 Seismic Use Group III facilities. For all codes, the Importance factor (I<sub>p</sub>) is 1.5. Seismic Certified load capacity of 600 lbs. when used with ERK-Z4 seismic floor anchor brackets.
- GREENGUARD Indoor Air Quality Certified for Children and Schools (the most strict level)



ERK-4425

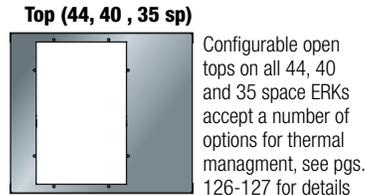
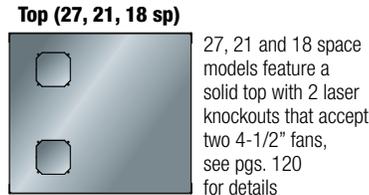
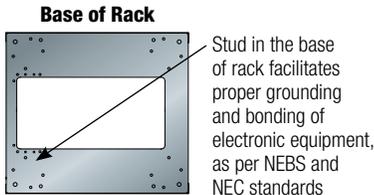
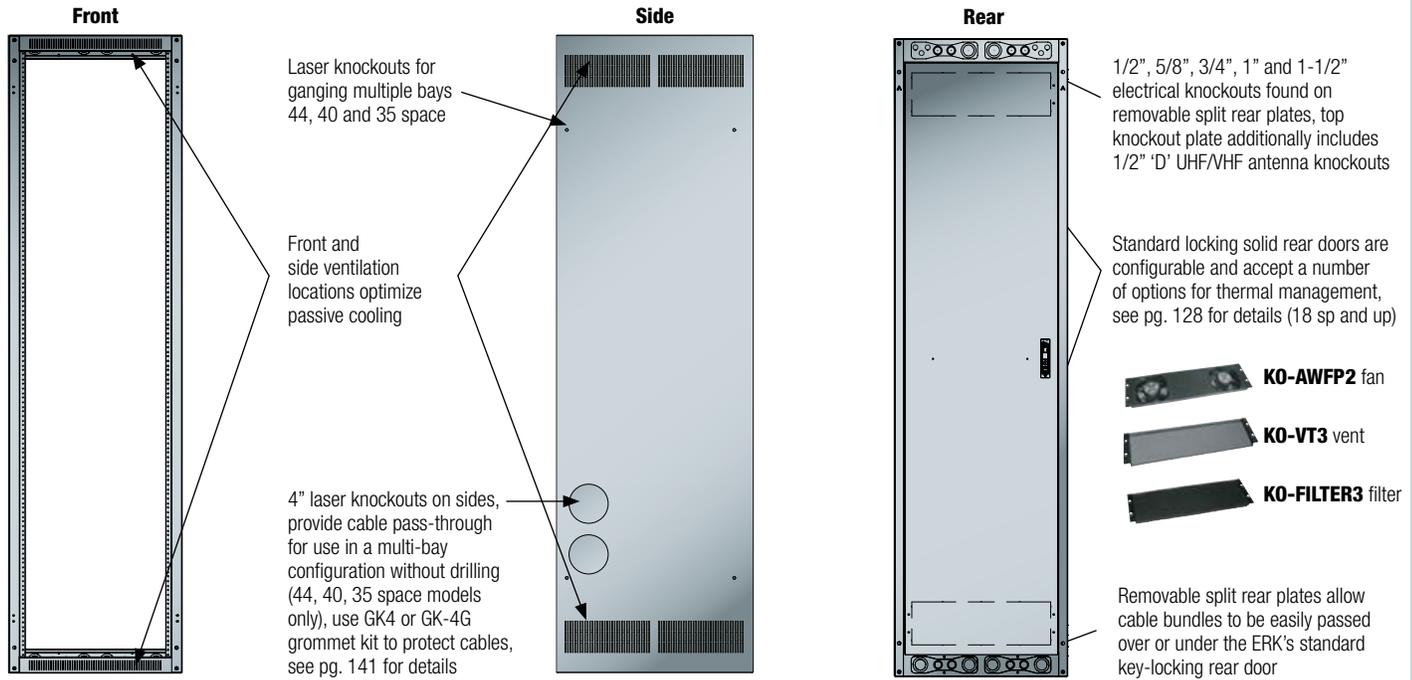
Part #	Racking Height	Overall Height	Useable Depth	Overall Depth	Skirted WheelBase (adds 3-3/4")	Additional Rackrail	Recommended Vertical Power Strip*
ERK-1820*	31-1/2" (18 space)	35-5/8"	18-1/2"	20"	CBS-ERK-20	ERK-RR18	<b>C E</b>
ERK-1825*	31-1/2" (18 space)	35-5/8"	23-1/2"	25"	CBS-ERK-25	ERK-RR18	<b>C E</b>
ERK-2120*	36-3/4" (21 space)	40-7/8"	18-1/2"	20"	CBS-ERK-20	ERK-RR21	<b>E G</b>
ERK-2125*	36-3/4" (21 space)	40-7/8"	23-1/2"	25"	CBS-ERK-25	ERK-RR21	<b>E G</b>
ERK-2720*	47-1/4" (27 space)	51-3/8"	18-1/2"	20"	CBS-ERK-20	ERK-RR27	<b>E G J</b>
ERK-2725*	47-1/4" (27 space)	51-3/8"	23-1/2"	25"	CBS-ERK-25	ERK-RR27	<b>E G J</b>
ERK-3520*	61-1/4" (35 space)	65-3/8"	18-1/2"	20"	CBS-ERK-20	ERK-RR35	<b>G J N</b>
ERK-3525*	61-1/4" (35 space)	65-3/8"	23-1/2"	25"	CBS-ERK-25	ERK-RR35	<b>G J N</b>
ERK-4020*	70" (40 space)	74-1/8"	18-1/2"	20"	CBS-ERK-20	ERK-RR40	<b>G N P</b>
ERK-4025*	70" (40 space)	74-1/8"	23-1/2"	25"	CBS-ERK-25	ERK-RR40	<b>G N P</b>
ERK-4420*	77" (44 space)	81-1/8"	18-1/2"	20"	CBS-ERK-20	ERK-RR44	<b>N P R T</b>
ERK-4425*	77" (44 space)	81-1/8"	23-1/2"	25"	CBS-ERK-25	ERK-RR44	<b>N P R T</b>

\*available without rear door, suffix part # 'LRD' - for ready to assemble models, suffix part # 'KD'

•for more info refer to pgs. 96-117



# ERK Series Stand-Alone/Gangable Rack Enclosures



**Complete your Rack System with the following options and accessories:**

<b>Power Distribution</b> pgs. 96-117	<b>Thermal Management</b> pgs. 118-129	<b>Cable Management</b> pgs. 130-143	<b>Rack Accessories</b> pgs. 144-169
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**Rack Options:** The options listed below are the most widely used accessories for this series of enclosure but are not inclusive of all available items. For additional options and/or more information on the items listed below reference the Enclosure Options section of the catalog.

Part #	Front Doors				Rear Door	64% Open Area Perf Top	Solid Top	Vented Top	Fan Tops		
	Solid	Plexi	25% Open Area Perf	64% Open Area Perf	Top & Bottom Slot Vented				w/ (3) 4-1/2" Fans (285 CFM Total)	w/ (2) 6" Fans (440 CFM Total)	w/ (1) 10" Fan (550 CFM Total)
ERK-1820	FD-18	PFD-18	VFD-18	LVFD-18	ERK-VRD-18	-	-	-	-	-	-
ERK-1825	FD-18	PFD-18	VFD-18	LVFD-18	ERK-VRD-18	-	-	-	-	-	-
ERK-2120	FD-21	PFD-21	VFD-21	LVFD-21	ERK-VRD-21	-	-	-	-	-	-
ERK-2125	FD-21	PFD-21	VFD-21	LVFD-21	ERK-VRD-21	-	-	-	-	-	-
ERK-2720	FD-27	PFD-27	VFD-27	-	ERK-VRD-27	-	-	-	-	-	-
ERK-2725	FD-27	PFD-27	VFD-27	-	ERK-VRD-27	-	-	-	-	-	-
ERK-3520	FD-35	PFD-35	VFD-35	LVFD-35	ERK-VRD-35	ERK-LVT	ERK-ST	ERK-VT	ERK-4FT-285CFM	ERK-6FT-440CFM	ERK-10FT-550CFM
ERK-3525	FD-35	PFD-35	VFD-35	LVFD-35	ERK-VRD-35	ERK-LVT	ERK-ST	ERK-VT	ERK-4FT-285CFM	ERK-6FT-440CFM	ERK-10FT-550CFM
ERK-4020	FD-40	PFD-40	VFD-40	LVFD-40	ERK-VRD-40	ERK-LVT	ERK-ST	ERK-VT	ERK-4FT-285CFM	ERK-6FT-440CFM	ERK-10FT-550CFM
ERK-4025	FD-40	PFD-40	VFD-40	LVFD-40	ERK-VRD-40	ERK-LVT	ERK-ST	ERK-VT	ERK-4FT-285CFM	ERK-6FT-440CFM	ERK-10FT-550CFM
ERK-4420	FD-44	PFD-44	VFD-44	LVFD-44	ERK-VRD-44	ERK-LVT	ERK-ST	ERK-VT	ERK-4FT-285CFM	ERK-6FT-440CFM	ERK-10FT-550CFM
ERK-4425	FD-44	PFD-44	VFD-44	LVFD-44	ERK-VRD-44	ERK-LVT	ERK-ST	ERK-VT	ERK-4FT-285CFM	ERK-6FT-440CFM	ERK-10FT-550CFM

for more info refer to pgs. 32-35





# WRK Series Gangable Rack Enclosures



EIA/TIA Compliant



Spec. # 96-0526 for full product info.



## WRK = Wider Rack

The wider footprint of this rack series was designed for mounting equipment that uses more substantial cable bundles than would fit easily in a basic rack, particularly in multi-bay installations, or for greater cooling airflow.

Choose a WRK when these capabilities are required, and where seismic certification and open or removable sides are required or preferred.

### Structural Features

- Fully welded construction for strength
- 24-1/4" overall width provides space for side cabling or cooling airflow
- Standard front and rear adjustable extra-wide, heavy-gauge, 10-32 threaded rackrail with numbered rackspace increments speeds equipment mounting
- Beveled outside curves for strength and striking appearance
- Finished in a durable black textured powder coat

### Thermal Management

- Comes with standard configurable rear door, compatible with optional cooling and filter kits
- Solid (steel or plexi) and vented front door options are available
- Solid, vented and fan top options are available

### Cable Management

- Standard front and rear adjustable, extra-wide rackrail features cable pass-throughs to facilitate front-to-rear cabling
- Multiple lacing points and slotted rail brackets for cable management flexibility

### Regulatory / Certifications

- Static load capacity - 10,000 lbs.
- UL Listed in the US and Canada. UL Listed load capacity - 2,500 lbs.
- Seismic certified to the following codes and standards: 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 – Zone 4 or Seismic Design Category (SDC) "D". These are designed for Mission Critical and/ or High-Importance Installations in locations with the highest level of seismicity and top floor or rooftop installations including those within UBC and CBC Essential facilities or IBC, ASCE 7, and NFPA 5000 Seismic Use Group III facilities. For all codes, the Importance factor (I<sub>p</sub>) is 1.5. Seismic Certified load capacity of 900 lbs. when used with WRK-Z4 seismic floor anchor brackets.
- GREENGUARD Indoor Air Quality Certified for Children and Schools (the most strict level)

WRK Series Gangable Rack Enclosures

WRK-44-32

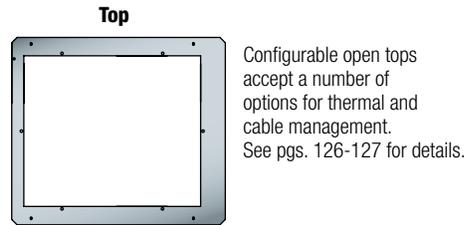
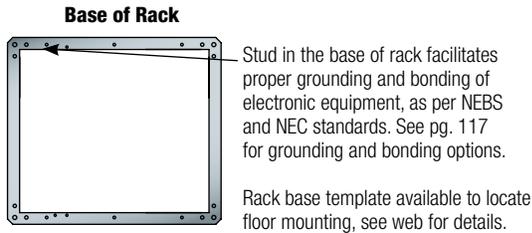
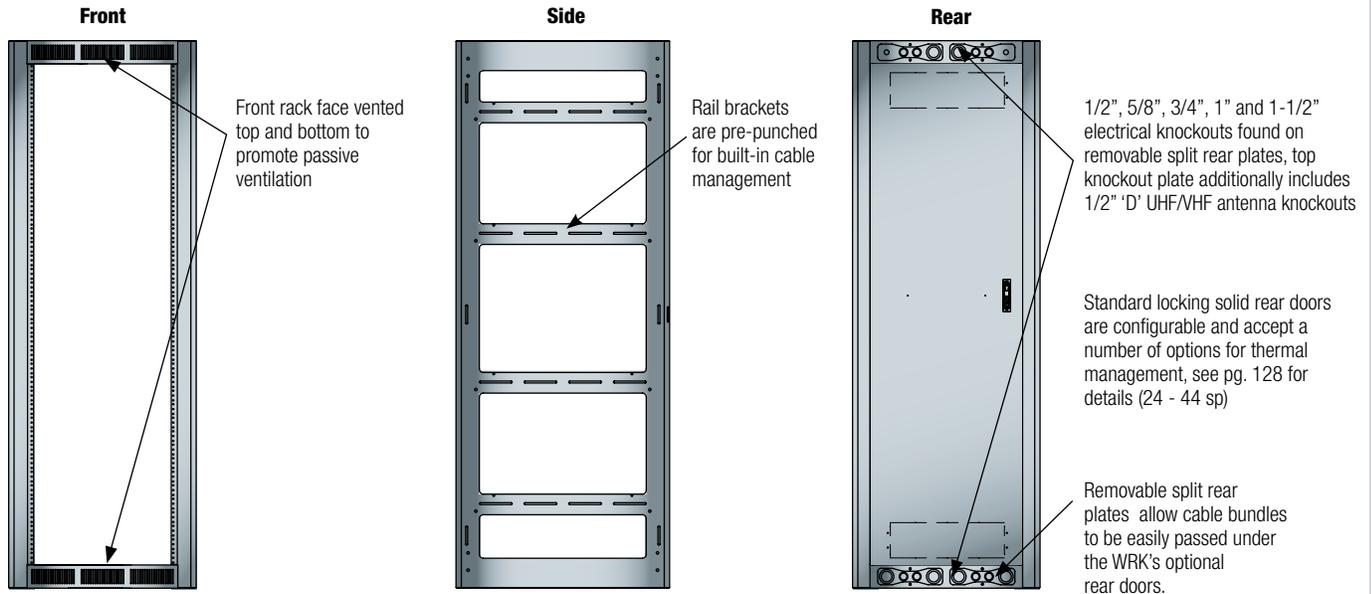
Part #	Racking Height	Overall Height	Useable Depth	Overall Depth	UL LISTED Caster Base	Add'l 10/32 Threaded Rackrail	Add'l Cage Nut Rackrail	Lockable Side Panels	Recommended Power*
WRK-24-27	42" (24 space)	48-1/8"	25-3/4"	27-5/8"	CBS-WRK-27	WRK-RR24	PROWRK-RR24	SPN-24-267	E G
WRK-24-32	42" (24 space)	48-1/8"	30-3/4"	32-5/8"	CBS-WRK-32	WRK-RR24	PROWRK-RR24	SPN-24-312	E G
WRK-37-27	64-3/4" (37 space)	70-7/8"	25-3/4"	27-5/8"	CBS-WRK-27	WRK-RR37	PROWRK-RR37	SPN-37-267	E G
WRK-37-32	64-3/4" (37 space)	70-7/8"	30-3/4"	32-5/8"	CBS-WRK-32	WRK-RR37	PROWRK-RR37	SPN-37-312	E G
WRK-40-27	70" (40 space)	76-1/8"	25-3/4"	27-5/8"	CBS-WRK-27	WRK-RR40	PROWRK-RR40	SPN-40-267	N P T
WRK-40-32	70" (40 space)	76-1/8"	30-3/4"	32-5/8"	CBS-WRK-32	WRK-RR40	PROWRK-RR40	SPN-40-312	N P T
WRK-44-27*	77" (44 space)	83-1/8"	25-3/4"	27-5/8"	CBS-WRK-27	WRK-RR44	PROWRK-RR44	SPN-44-267	N P R T
WRK-44-32*	77" (44 space)	83-1/8"	30-3/4"	32-5/8"	CBS-WRK-32	WRK-RR44	PROWRK-RR44	SPN-44-312	N P R T

\*available without rear door, suffix part # 'LRD'

•for more info refer to pgs. 96-117



# WRK Series Gangable Rack Enclosures



## Complete your Rack System with the following options and accessories:

 <b>Power Distribution</b> pgs. 96-117	 <b>Thermal Management</b> pgs. 118-129	 <b>Cable Management</b> pgs. 130-143	 <b>Rack Accessories</b> pgs. 144-169
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**Rack Options:** The options listed below are the most widely used accessories for this series of enclosure but is not inclusive of all available items. For additional options and/or more information on the items listed below reference the Enclosure Options section of the catalog.

Part #	Front Doors					Rear Doors*			Solid Top	Vented Top	Fan Tops		
	Solid	Plexi	25% Open Area Perf	64% Open Area Perf	Plexi Vented	64% Open Area Perf	79% Perf Split Door	w/ (4) 4-1/2" Fans (380 CFM Total)			w/ (3) 6" Fans (660 CFM Total)	w/ (1) 10" Fan (550 CFM Total)	
WRK-24-27	FD-24	PFD-24	VFD-24	LVFD-24	-	-	-	MW-ST	MW-LVT	MW-4FT-380CFM	MW-6FT-660CFM	MW-10FT-550CFM	
WRK-24-32	FD-24	PFD-24	VFD-24	LVFD-24	-	-	-	MW-ST	MW-LVT	MW-4FT-380CFM	MW-6FT-660CFM	MW-10FT-550CFM	
WRK-37-27	FD-37	PFD-37	VFD-37	LVFD-37	-	-	-	MW-ST	MW-LVT	MW-4FT-380CFM	MW-6FT-660CFM	MW-10FT-550CFM	
WRK-37-32	FD-37	PFD-37	VFD-37	LVFD-37	-	-	-	MW-ST	MW-LVT	MW-4FT-380CFM	MW-6FT-660CFM	MW-10FT-550CFM	
WRK-40-27	FD-40	PFD-40	VFD-40	LVFD-40	-	MW-LVRD-40	-	MW-ST	MW-LVT	MW-4FT-380CFM	MW-6FT-660CFM	MW-10FT-550CFM	
WRK-40-32	FD-40	PFD-40	VFD-40	LVFD-40	-	MW-LVRD-40	-	MW-ST	MW-LVT	MW-4FT-380CFM	MW-6FT-660CFM	MW-10FT-550CFM	
WRK-44-27	FD-44	PFD-44	VFD-44	LVFD-44	PVFD-44	MW-LVRD-44	MW-CLVRD-44	MW-ST	MW-LVT	MW-4FT-380CFM	MW-6FT-660CFM	MW-10FT-550CFM	
WRK-44-32	FD-44	PFD-44	VFD-44	LVFD-44	PVFD-44	MW-LVRD-44	MW-CLVRD-44	MW-ST	MW-LVT	MW-4FT-380CFM	MW-6FT-660CFM	MW-10FT-550CFM	

\*available without rear door, suffix part # 'LRD'

for more info refer to pgs. 32-36





# WRK-SA Series Stand-Alone Rack Enclosures



EIA/TIA Compliant



Spec. #  
96-052SA  
for full  
product  
info.



## WRK-SA = Stand-Alone Wider Rack

Like the WRK, the wider footprint of this rack series was designed for mounting equipment that uses more substantial cable bundles than would fit easily in a basic rack, or for greater cooling airflow. For stand-alone installations, this version features fixed solid sides.

Choose a WRK when these capabilities are required, and where seismic certification and solid sides are required or preferred.

### Structural Features

- Fully welded construction for strength
- 24-1/4" overall width provides space for side cabling or cooling airflow
- Standard front and rear adjustable extra-wide, heavy-gauge, 10-32 threaded rackrail with numbered rackspace increments speeds equipment mounting
- Beveled outside curves for strength and striking appearance
- Finished in a durable black textured powder coat

### Thermal Management

- Comes with standard configurable rear door, compatible with optional cooling and filter kits
- Enclosure sides include top and bottom venting
- Solid (steel or plexi) and vented front door options are available
- Solid, vented and fan top options are available

### Cable Management

- Standard front and rear adjustable, extra-wide rackrail features cable pass-throughs to facilitate front-to-rear cabling
- Multiple lacing points and slotted rail brackets for cable management flexibility

### Regulatory / Certifications

- Static load capacity - 10,000 lbs.
- UL Listed in the US and Canada. UL Listed load capacity - 2,500 lbs.
- Seismic certified to the following codes and standards: 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 – Zone 4 or Seismic Design Category (SDC) "D". These are designed for Mission Critical and/or High-Importance Installations in locations with the highest level of seismicity and top floor or rooftop installations including those within UBC and CBC Essential facilities or IBC, ASCE 7, and NFPA 5000 Seismic Use Group III facilities. For all codes, the Importance factor (I<sub>p</sub>) is 1.5. Seismic Certified load capacity of 900 lbs. when used with WRK-Z4 seismic floor anchor brackets.
- GREENGUARD Indoor Air Quality Certified for Children and Schools (the most strict level)

WRK-SA Series Stand-Alone Rack Enclosures



WRK-44SA-27

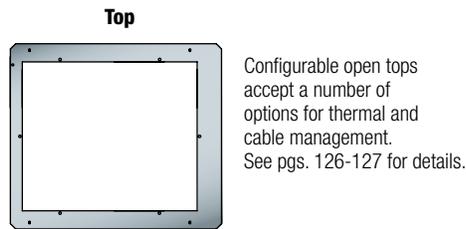
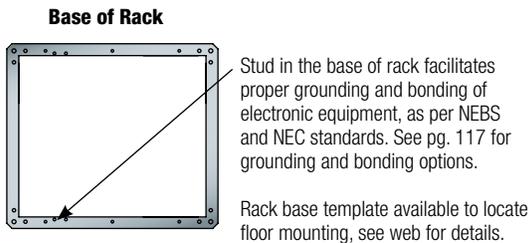
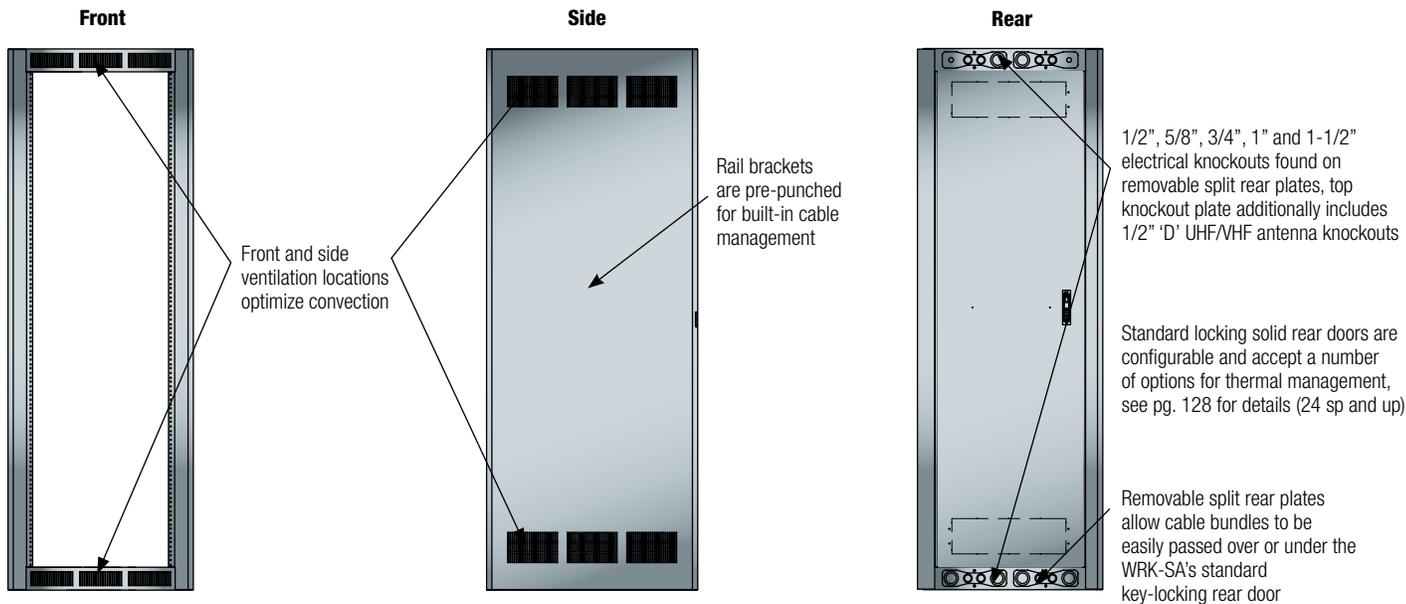
Part #	Racking Height	Overall Height	Useable Depth	Overall Depth	Overall Width	UL LISTED CASTER BASE	Add'l 10/32 Threaded Rackrail	Add'l Cage Nut Rackrail	Recommended Power*
WRK-24SA-27	42" (24 space)	48-1/8"	25-3/4"	27-5/8"	24-1/4"	CBS-WRK-27	WRK-RR24	PROWRK-RR24	E G
WRK-24SA-32	42" (24 space)	48-1/8"	30-3/4"	32-5/8"	24-1/4"	CBS-WRK-32	WRK-RR24	PROWRK-RR24	E G
WRK-37SA-27	64-3/4" (37 space)	70-7/8"	25-3/4"	27-5/8"	24-1/4"	CBS-WRK-27	WRK-RR37	PROWRK-RR37	E G
WRK-37SA-32	64-3/4" (37 space)	70-7/8"	30-3/4"	32-5/8"	24-1/4"	CBS-WRK-32	WRK-RR37	PROWRK-RR37	E G
WRK-40SA-27	70" (40 space)	76-1/8"	25-3/4"	27-5/8"	24-1/4"	CBS-WRK-27	WRK-RR40	PROWRK-RR40	N P T
WRK-40SA-32	70" (40 space)	76-1/8"	30-3/4"	32-5/8"	24-1/4"	CBS-WRK-32	WRK-RR40	PROWRK-RR40	N P T
WRK-44SA-27*	77" (44 space)	83-1/8"	25-3/4"	27-5/8"	24-1/4"	CBS-WRK-27	WRK-RR44	PROWRK-RR44	N P R T
WRK-44SA-32*	77" (44 space)	83-1/8"	30-3/4"	32-5/8"	24-1/4"	CBS-WRK-32	WRK-RR44	PROWRK-RR44	N P R T

\*available without rear door, suffix part # 'LRD'

•for more info refer to pgs. 96-117



# WRK-SA Series Stand-Alone Rack Enclosures



## Complete your Rack System with the following options and accessories:

<p><b>Power Distribution</b> pgs. 96-117</p>	<p><b>Thermal Management</b> pgs. 118-129</p>	<p><b>Cable Management</b> pgs. 130-143</p>	<p><b>Rack Accessories</b> pgs. 144-169</p>
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**Rack Options:** The options listed below are the most widely used accessories for this series of enclosure but is not inclusive of all available items. For additional options and/or more information on the items listed below reference the Enclosure Options section of the catalog.

Part #	Front Doors					Rear Doors			Solid Top	Vented Top	Fan Tops		
	Solid	Plexi	25% Open Area Perf	64% Open Area Perf	Plexi Vented	64% Open Area Perf	79% Perf Split Door	w/ (4) 4-1/2" Fans (380 CFM Total)			w/ (3) 6" Fans (660 CFM Total)	w/ (1) 10" Fan (550 CFM Total)	
WRK-24SA-27	FD-24	PFD-24	VFD-24	LVFD-24	-	-	-	MW-ST	MW-LVT	MW-4FT-380CFM	MW-6FT-660CFM	MW-10FT-550CFM	
WRK-24SA-32	FD-24	PFD-24	VFD-24	LVFD-24	-	-	-	MW-ST	MW-LVT	MW-4FT-380CFM	MW-6FT-660CFM	MW-10FT-550CFM	
WRK-37SA-27	FD-37	PFD-37	VFD-37	LVFD-37	-	-	-	MW-ST	MW-LVT	MW-4FT-380CFM	MW-6FT-660CFM	MW-10FT-550CFM	
WRK-37SA-32	FD-37	PFD-37	VFD-37	LVFD-37	-	-	-	MW-ST	MW-LVT	MW-4FT-380CFM	MW-6FT-660CFM	MW-10FT-550CFM	
WRK-40SA-27	FD-40	PFD-40	VFD-40	LVFD-40	-	MW-LVRD-40	-	MW-ST	MW-LVT	MW-4FT-380CFM	MW-6FT-660CFM	MW-10FT-550CFM	
WRK-40SA-32	FD-40	PFD-40	VFD-40	LVFD-40	-	MW-LVRD-40	-	MW-ST	MW-LVT	MW-4FT-380CFM	MW-6FT-660CFM	MW-10FT-550CFM	
WRK-44SA-27	FD-44	PFD-44	VFD-44	LVFD-44	PVFD-44	MW-LVRD-44	MW-CLVRD-44	MW-ST	MW-LVT	MW-4FT-380CFM	MW-6FT-660CFM	MW-10FT-550CFM	
WRK-44SA-32	FD-44	PFD-44	VFD-44	LVFD-44	PVFD-44	MW-LVRD-44	MW-CLVRD-44	MW-ST	MW-LVT	MW-4FT-380CFM	MW-6FT-660CFM	MW-10FT-550CFM	

for more info refer to pgs. 32-35





# VRK Series Gangable Video Rack Enclosure



EIA/TIA Compliant



Spec. # 96-177 for full product info.



## VRK = Video Rack

The VRK was designed specifically for mounting video and AV equipment in a broadcast-standard 22" wide enclosure. Built-in horizontal lacing bars are ideal for quick tie-and-slide lacing of video cable bundles.

Choose a VRK when a strong, narrow enclosure is required, and where seismic certification and open or removable sides are required or preferred.



VRK-44-31H

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



### Structural Features

- Fully welded construction for superior strength
- Standard front and rear adjustable heavy-gauge, 10-32 threaded rackrail with numbered rackspace increments speeds equipment mounting
- Racks gang together when fully loaded
- Finished in a durable black textured powder coat

### Thermal Management

- Includes partially vented locking rear door, optional vented rear doors available (suffix with LRD to receive with no rear door)
- Solid (steel or plexi) and vented front door options are available
- Solid, vented and fan top options are available

### Cable Management

- Built-in horizontal lacing bars on 7" centers for quick "tie-and-slide" lacing

### Regulatory / Certifications

- Static load capacity - 10,000 lbs.
- UL Listed in the US and Canada. UL Listed load capacity - 2,500 lbs.
- Seismic certified to the following codes and standards: 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 – Zone 4 or Seismic Design Category (SDC) "D". These are designed for Mission Critical and/or High-Importance Installations in locations with the highest level of seismicity and top floor or rooftop installations including those within UBC and CBC Essential facilities or IBC, ASCE 7, and NFPA 5000 Seismic Use Group III facilities. For all codes, the Importance factor (I<sub>p</sub>) is 1.5. Seismic Certified load capacity of 740 lbs. when used with VRK-Z4 seismic floor anchor brackets.
- GREENGUARD Indoor Air Quality Certified for Children and Schools (the most strict level)

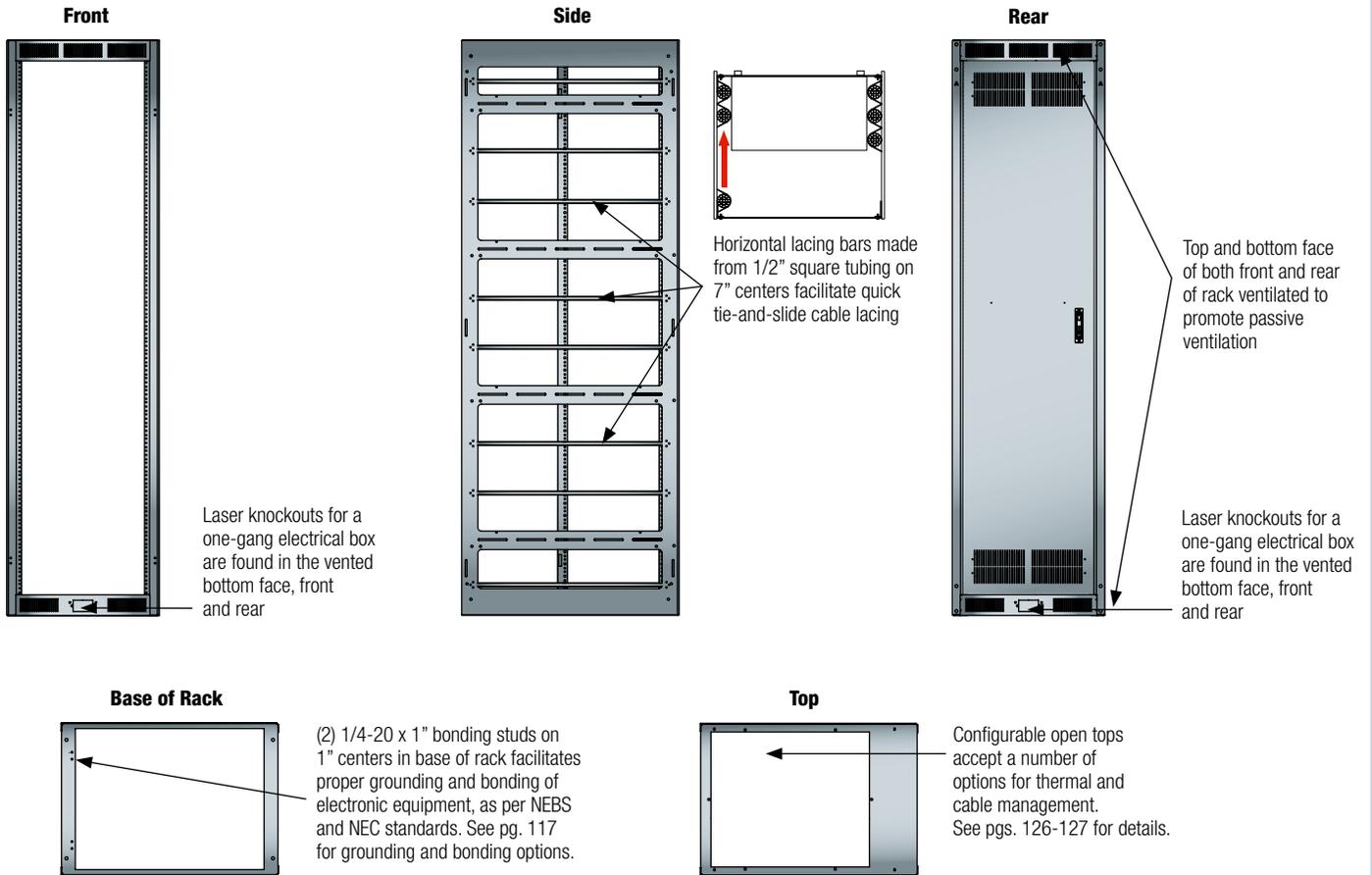
Part #	Racking Height	Overall Height	Useable Depth	Overall Depth	Overall Width	Lockable Side Panels	Add'l 10/32 Threaded Rackrail	Add'l Cage Nut Rackrail	Z-rail Adaptor	Recommended Power*
VRK-44-31H*	77" (44 space)	83-1/8"	29"	31-1/2"	22"	SPN-44-312	MV-RR44	PROMRK-RR44	MV-ZRA-44	<b>N P R T</b>
VRK-44-36H*	77" (44 space)	83-1/8"	33-1/2"	36"	22"	SPN-44-36	MV-RR44	PROMRK-RR44	MV-ZRA-44	<b>N P R T</b>

\*available without rear door, suffix part # 'LRD'

•for more info refer to pgs. 96-117



# VRK Series Gangable Video Rack Enclosure



**Complete your Rack System with the following options and accessories:**

 <p><b>Power Distribution</b> pgs. 96-117</p>	 <p><b>Thermal Management</b> pgs. 118-129</p>	 <p><b>Cable Management</b> pgs. 130-143</p>	 <p><b>Rack Accessories</b> pgs. 144-169</p>
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**Rack Options:** The options listed below are the most widely used accessories for this series of enclosure but is not inclusive of all available items. For additional options and/or more information on the items listed below reference the Enclosure Options section of the catalog.

Part #	Front Doors					Rear Doors			Solid Top	64% Open Area Perf Top	Fan Tops		
	Solid	Plexi	25% Open Area Perf	64% Open Area Perf	Plexi Vented	64% Open Area Perf	79% Open Area Perf Split	w/ (4) 4-1/2" Fans (380 CFM Total)			w/ (3) 6" Fans (660 CFM Total)	w/ (1) 10" Fan (550 CFM Total)	
VRK-44-31H	FD-44	PFD-44	VFD-44	LVFD-44	PVFD-44	MW-LVRD-44	MW-CLVRD-44	MW-ST	MW-LVT	MW-4FT-380CFM	MW-6FT-660CFM	MW-10FT-550CFM	
VRK-44-36H	FD-44	PFD-44	VFD-44	LVFD-44	PVFD-44	MW-LVRD-44	MW-CLVRD-44	MW-ST	MW-LVT	MW-4FT-380CFM	MW-6FT-660CFM	MW-10FT-550CFM	

for more info refer to pgs. 32-36





# VMRK Series Extra Tall Rack Enclosure



EIA/TIA Compliant



Spec. # 96-178 for full product info.



## VMRK = Very Tall Multi-Bay Rack

Like the VRK, the VMRK series has a rugged, space-saving design with a 22" broadcast standard width. This version adds extra height to take full advantage of taller spaces – delivering a full 54 rackspaces in the same floor space as a standard rack!

Specify a VMRK to maximize your racking capacity, and where seismic certification and open or removable sides are required or preferred.

### Structural Features

- Fully welded construction for strength
- 54 spaces of racking height
- Standard front and rear adjustable heavy-gauge, 10-32 threaded "Z-Rail" with numbered rackspace increments to speed equipment mounting
- Racks gang together when fully loaded
- Finished in a durable black textured powder coat

### Thermal Management

- Comes with standard solid locking rear door, optional vented rear doors available
- Solid (steel or plexi) and vented front door options are available
- Solid, vented and fan top options are available

### Cable Management

- Multiple lacing points and slotted rail brackets for cable management flexibility

### Regulatory / Certifications

- Static load capacity - 10,000 lbs.
- UL Listed in the US and Canada. UL Listed load capacity - 2,500 lbs.
- Seismic certified to the following codes and standards: 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 – Zone 4 or Seismic Design Category (SDC) "D". These are designed for Mission Critical and/or High-Importance Installations in locations with the highest level of seismicity and top floor or rooftop installations including those within UBC and CBC Essential facilities or IBC, ASCE 7, and NFPA 5000 Seismic Use Group III facilities. For all codes, the Importance factor (I<sub>p</sub>) is 1.5. Seismic Certified load capacity of 640 lbs. when used with MRK-Z4 seismic floor anchor brackets.
- GREENGUARD Indoor Air Quality Certified for Children and Schools (the most strict level)



VMRK-54

VRR-54

1 pair (2 pieces) standard Z-Rail for side mount and rear hanging applications



VMRK Series Extra Tall Rack Enclosure

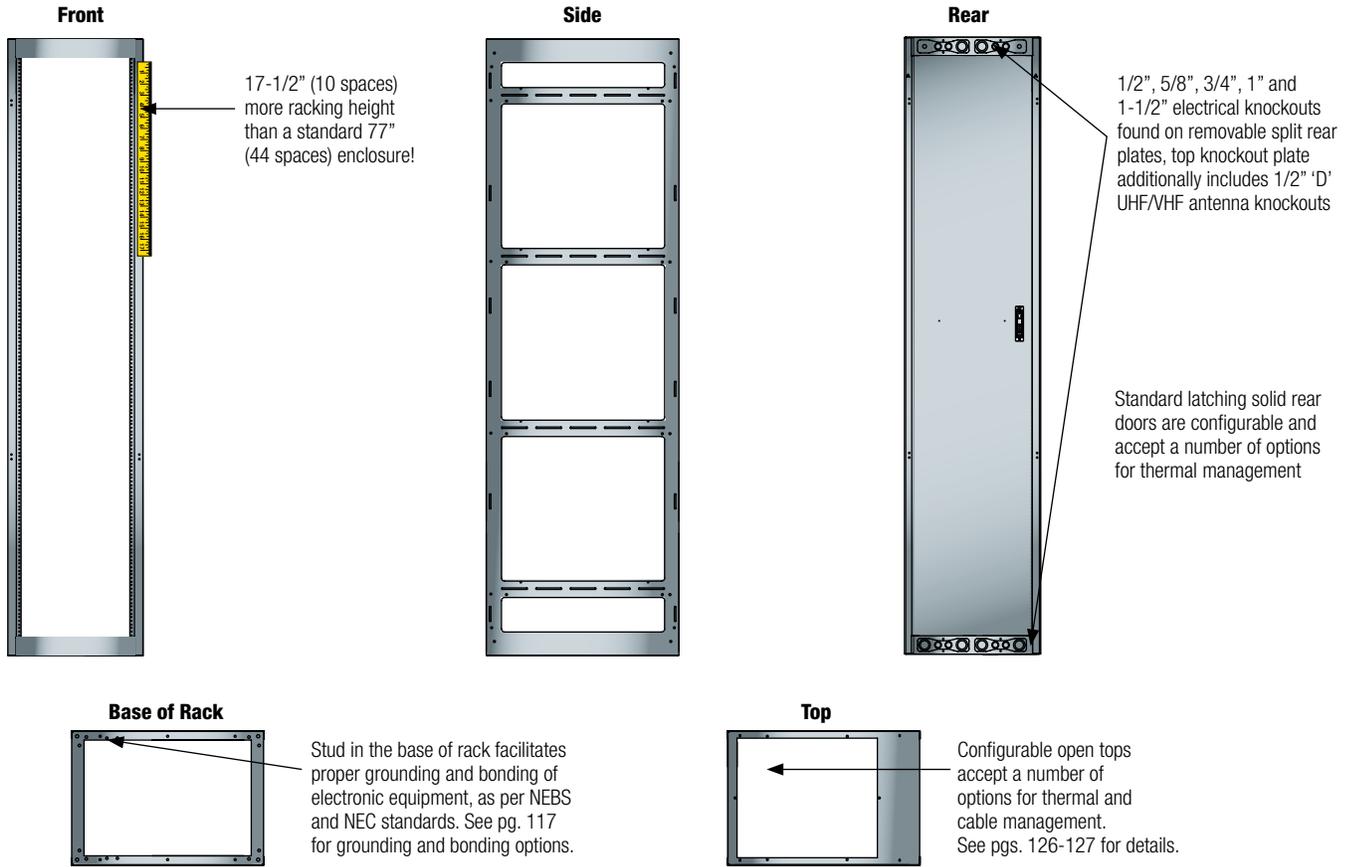
Part #	Racking Height	Overall Height	Useable Depth	Overall Depth	Overall Width	Side Panels	Add'l 10/32 Threaded Z-rail	Recommended Power*
VMRK-54*	94-1/2" (54 space)	100-5/8"	29"	31-1/2"	22"	SPN-54-312	VRR-54	N P T V
VMRK-54-36*	94-1/2" (54 space)	100-5/8"	33-1/2"	36"	22"	SPN-54-36	VRR-54	N P T V

\*available without rear door, suffix part # 'LRD'

•for more info refer to pgs. 96-117



# VMRK Series Extra Tall Rack Enclosure



## Complete your Rack System with the following options and accessories:

 <p><b>Power Distribution</b> pgs. 96-117</p>	 <p><b>Thermal Management</b> pgs. 118-129</p>	 <p><b>Cable Management</b> pgs. 130-143</p>	 <p><b>Rack Accessories</b> pgs. 144-169</p>
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**Rack Options:** The options listed below are the most widely used accessories for this series of enclosure but is not inclusive of all available items. For additional options and/or more information on the items listed below reference the Enclosure Options section of the catalog.

Part #	Front Doors			Rear Doors		Solid Top	64% open Area Perf Top	Fan Tops		
	Solid	Plexi	25% Open Area Perf	64% Open Area Perf	w/ (4) 4-1/2" Fans (380 CFM Total)			w/ (3) 6" Fans (660 CFM Total)	w/ (1) 10" Fan (550 CFM Total)	
VMRK-54	FD-54	PFD-54	VFD-54	MW-LVRD-54	MW-ST	MW-LVT	MW-4FT-380CFM	MW-6FT-660CFM	MW-10FT-550CFM	
VMRK-54-36	FD-54	PFD-54	VFD-54	MW-LVRD-54	MW-ST	MW-LVT	MW-4FT-380CFM	MW-6FT-660CFM	MW-10FT-550CFM	

for more info refer to pgs. 32-35





# MRK Series Gangable Rack Enclosures



EIA/TIA Compliant



Spec. #  
96-039  
for full  
product  
info.



## MRK = Multi-Bay Rack

The MRK series is a workhorse, with a rugged, space-saving design, as evidenced by its high seismic load rating. Its broad capabilities and wide range of options make it a favorite of installing contractors, particularly on larger-scale multi-bay jobs.

Specify an MRK when these capabilities are required, and where seismic certification and open or removable sides are required or preferred.

### Structural Features

- Fully welded construction for strength
- Standard front and rear adjustable heavy-gauge, 10-32 threaded rackrail with numbered rackspace increments to speed equipment mounting.
- Racks with PRO suffix include two pair cage nut style rackrail
- Racks gang together when fully loaded
- Finished in a durable black textured powder coat

### Thermal Management

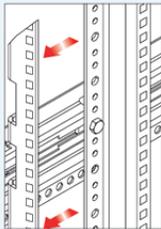
- Comes with standard configurable rear door, compatible with optional cooling and filter kits
- Solid (steel or plexi) and vented front door options are available
- Solid, vented and fan top options are available

### Cable Management

- Multiple lacing points and slotted rail brackets for cable management flexibility

### Regulatory / Certifications

- Static load capacity - 10,000 lbs.
- UL Listed in the US and Canada. UL Listed load capacity - 2,500 lbs.
- OSHPD approved for fixed equipment anchorage in California healthcare facilities
- Seismic certified to the following codes and standards: 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 – Zone 4 or Seismic Design Category (SDC) "D". These are designed for Mission Critical and/or High-Importance Installations in locations with the highest level of seismicity and top floor or rooftop installations including those within UBC and CBC Essential facilities or IBC, ASCE 7, and NFPA 5000 Seismic Use Group III facilities. For all codes, the Importance factor  $I_p$  is 1.5. Seismic Certified load capacity of 1,050 lbs. when used with MRK-Z4 seismic floor anchor brackets.
- GREENGUARD Indoor Air Quality Certified for Children and Schools (the most strict level)



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

**MRK-4426**

Part #	Racking Height	Overall Height	Useable Depth	Overall Depth	Overall Width	Side Panels	UL LISTED Caster Base (adds 15/16")	Add'l 10/32 Threaded Rackrail	Add'l Cage Nut Rackrail	Recommended Power*
MRK-2426	42" (24 space)	48-1/8"	24"	26-1/2"	22"	SPN-24-267	CBS-MRK-26	MV-RR24	PROMRK-RR24	E G
MRK-2431	42" (24 space)	48-1/8"	29"	31-1/2"	22"	SPN-24-312	CBS-MRK-31	MV-RR24	PROMRK-RR24	E G
MRK-3726	64-3/4" (37 space)	70-7/8"	24"	26-1/2"	22"	SPN-37-267	CBS-MRK-26	MV-RR37	PROMRK-RR37	E G
MRK-3731	64-3/4" (37 space)	70-7/8"	29"	31-1/2"	22"	SPN-37-312	CBS-MRK-31	MV-RR37	PROMRK-RR37	E G
MRK-4026	70" (40 space)	76-1/8"	24"	26-1/2"	22"	SPN-40-267	CBS-MRK-26	MV-RR40	PROMRK-RR40	N P
MRK-4031	70" (40 space)	76-1/8"	29"	31-1/2"	22"	SPN-40-312	CBS-MRK-31	MV-RR40	PROMRK-RR40	N P
MRK-4036*	70" (40 space)	76-1/8"	33-1/2"	36"	22"	SPN-40-36	CBS-MRK-36	MV-RR40	PROMRK-RR40	N P
MRK-4042*	70" (40 space)	76-1/8"	39-1/2"	42"	22"	SPN-40-423	CBS-MRK-42	MV-RR40	PROMRK-RR40	N P
MRK-4426*	77" (44 space)	83-1/8"	24"	26-1/2"	22"	SPN-44-267	CBS-MRK-26	MV-RR44	PROMRK-RR44	N P R T
MRK-4431*	77" (44 space)	83-1/8"	29"	31-1/2"	22"	SPN-44-312	CBS-MRK-31	MV-RR44	PROMRK-RR44	N P R T
MRK-4431PRO**	77" (44 space)	83-1/8"	29"	31-1/2"	22"	SPN-44-312	CBS-MRK-31	MV-RR44	PROMRK-RR44	N P R T
MRK-4436*	77" (44 space)	83-1/8"	33-1/2"	36"	22"	SPN-44-36	CBS-MRK-36	MV-RR44	PROMRK-RR44	N P R T
MRK-4436PRO**	77" (44 space)	83-1/8"	33-1/2"	36"	22"	SPN-44-36	CBS-MRK-36	MV-RR44	PROMRK-RR44	N P R T
MRK-4442*	77" (44 space)	83-1/8"	39-1/2"	42"	22"	SPN-44-423	CBS-MRK-42	MV-RR44	PROMRK-RR44	N P R T
MRK-4442PRO**	77" (44 space)	83-1/8"	39-1/2"	42"	22"	SPN-44-423	CBS-MRK-42	MV-RR44	PROMRK-RR44	N P R T

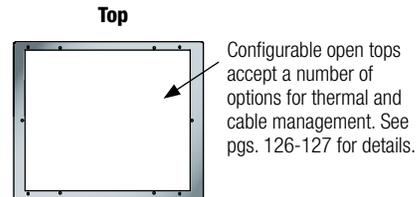
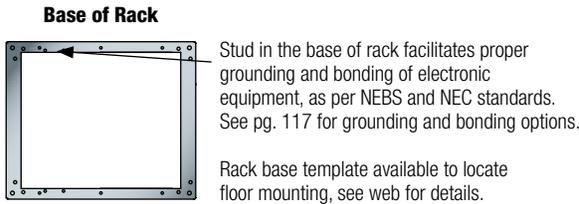
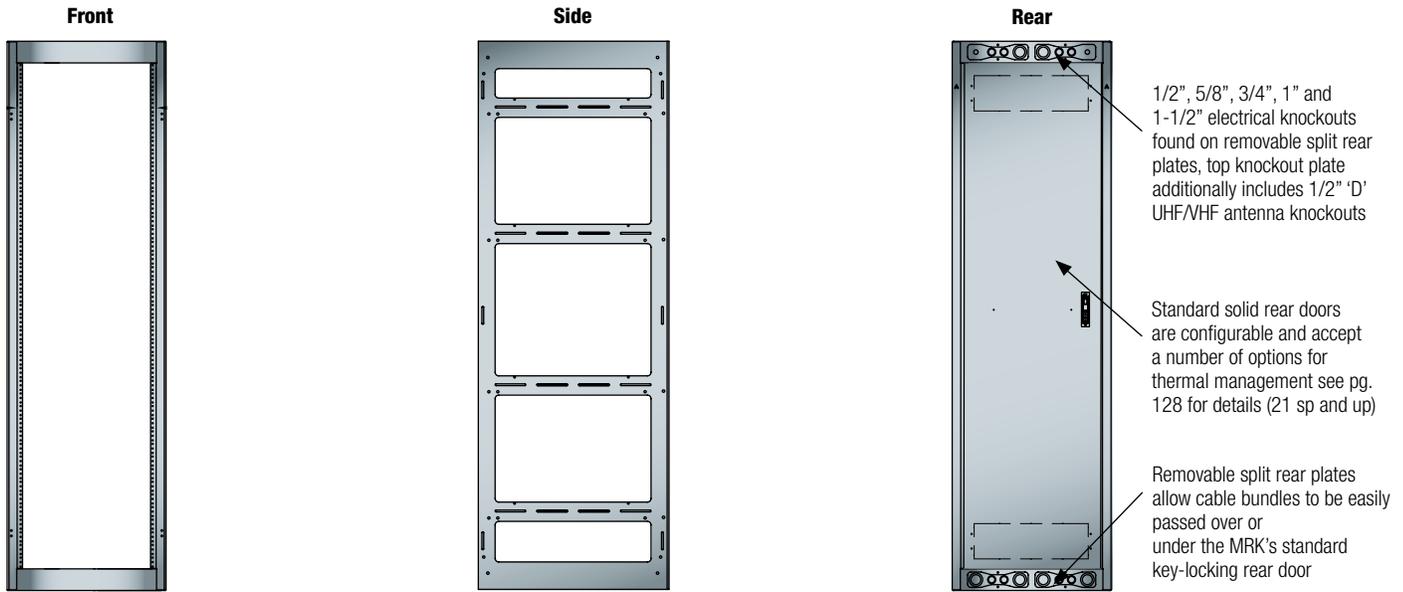
\*available without rear door, suffix part # with 'LRD'

\*\*configured with 2 pairs of cage nut style rackrail

•for more info refer to pgs. 96-117



# MRK Series Gangable Rack Enclosures



Custom tops available call for details

## Complete your Rack System with the following options and accessories:

<p><b>Power Distribution</b> pgs. 96-117</p>	<p><b>Thermal Management</b> pgs. 118-129</p>	<p><b>Cable Management</b> pgs. 130-143</p>	<p><b>Rack Accessories</b> pgs. 144-169</p>
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**Rack Options:** The options listed below are the most widely used accessories for this series of enclosure but is not inclusive of all available items. For additional options and/or more information on the items listed below reference the Enclosure Options section of the catalog.

Part #	Front Doors					Rear Doors			Solid Top	64% Open Area Perf Top	Fan Tops		
	Solid	Plexi	25% Open Area Perf	64% Open Area Perf	Plexi Vented	64% Open Area Perf	79% Open Area Split Perf	w/ (4) 4-1/2" Fans (380 CFM Total)			w/ (3) 6" Fans (660 CFM Total)	w/ (1) 10" Fan (550 CFM Total)	
MRK-2426	FD-24	PFD-24	VFD-24	LVFD-24	-	-	MW-CLVRD-24	MW-ST	MW-LVT	MW-4FT-380CFM	MW-6FT-660CFM	MW-10FT-550CFM	
MRK-2431	FD-24	PFD-24	VFD-24	LVFD-24	-	-	MW-CLVRD-24	MW-ST	MW-LVT	MW-4FT-380CFM	MW-6FT-660CFM	MW-10FT-550CFM	
MRK-3726	FD-37	PFD-37	VFD-37	LVFD-37	-	-	-	MW-ST	MW-LVT	MW-4FT-380CFM	MW-6FT-660CFM	MW-10FT-550CFM	
MRK-3731	FD-37	PFD-37	VFD-37	LVFD-37	-	-	-	MW-ST	MW-LVT	MW-4FT-380CFM	MW-6FT-660CFM	MW-10FT-550CFM	
MRK-4026	FD-40	PFD-40	VFD-40	LVFD-40	-	MW-LVRD-40	-	MW-ST	MW-LVT	MW-4FT-380CFM	MW-6FT-660CFM	MW-10FT-550CFM	
MRK-4031	FD-40	PFD-40	VFD-40	LVFD-40	-	MW-LVRD-40	-	MW-ST	MW-LVT	MW-4FT-380CFM	MW-6FT-660CFM	MW-10FT-550CFM	
MRK-4036	FD-40	PFD-40	VFD-40	LVFD-40	-	MW-LVRD-40	-	MW-ST	MW-LVT	MW-4FT-380CFM	MW-6FT-660CFM	MW-10FT-550CFM	
MRK-4042	FD-40	PFD-40	VFD-40	LVFD-40	-	MW-LVRD-40	-	MW-ST	MW-LVT	MW-4FT-380CFM	MW-6FT-660CFM	MW-10FT-550CFM	
MRK-4426	FD-44	PFD-44	VFD-44	LVFD-44	PVFD-44	MW-LVRD-44	MW-CLVRD-44	MW-ST	MW-LVT	MW-4FT-380CFM	MW-6FT-660CFM	MW-10FT-550CFM	
MRK-4431	FD-44	PFD-44	VFD-44	LVFD-44	PVFD-44	MW-LVRD-44	MW-CLVRD-44	MW-ST	MW-LVT	MW-4FT-380CFM	MW-6FT-660CFM	MW-10FT-550CFM	
MRK-4431PRO	FD-44	PFD-44	VFD-44	LVFD-44	PVFD-44	MW-LVRD-44	MW-CLVRD-44	MW-ST	MW-LVT	MW-4FT-380CFM	MW-6FT-660CFM	MW-10FT-550CFM	
MRK-4436	FD-44	PFD-44	VFD-44	LVFD-44	PVFD-44	MW-LVRD-44	MW-CLVRD-44	MW-ST	MW-LVT	MW-4FT-380CFM	MW-6FT-660CFM	MW-10FT-550CFM	
MRK-4436PRO	FD-44	PFD-44	VFD-44	LVFD-44	PVFD-44	MW-LVRD-44	MW-CLVRD-44	MW-ST	MW-LVT	MW-4FT-380CFM	MW-6FT-660CFM	MW-10FT-550CFM	
MRK-4442	FD-44	PFD-44	VFD-44	LVFD-44	PVFD-44	MW-LVRD-44	MW-CLVRD-44	MW-ST	MW-LVT	MW-4FT-380CFM	MW-6FT-660CFM	MW-10FT-550CFM	
MRK-4442PRO	FD-44	PFD-44	VFD-44	LVFD-44	PVFD-44	MW-LVRD-44	MW-CLVRD-44	MW-ST	MW-LVT	MW-4FT-380CFM	MW-6FT-660CFM	MW-10FT-550CFM	

for more info refer to pgs. 32-37



# WMRK Series Server Enclosures



EIA/TIA Compliant



Spec. #  
96-01079  
for full  
product  
info.



## WMRK = Wide Multi-Bay

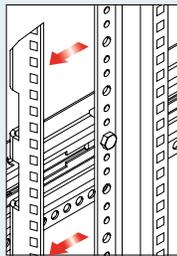
The WMRK was designed specifically for mounting deep equipment in a raised-floor standard 24" wide enclosure. Comes standard with cage nut mounting rails.

Choose a WMRK when mounting deep servers or similar equipment is required, and for easy installations in raised-floor environments. Configured models are also available – see pg. 49 for details.



**WMRK-4236**  
shown with optional  
front/rear doors

**PROWMRK-ZRA-xx**  
Z-rail adaptor converts  
standard rackrail to "Z"  
rail, for side mount  
applications



### Structural Features

- Fully welded construction for strength and stability
- 24" overall width optimized for use on raised floors
- Numbered rackspace increments speed equipment mounting
- Designed to allow fully integrated racks to be ganged
- Includes two pair of adjustable cage nut rackrail and one pair of z-rail sidemount adaptors configured to accept servers and slide kits from all leading manufacturers
- Includes leveling feet and 100 qty of 6mm cage nuts and hardware
- Finished in a durable black textured powder coat

### Thermal Management

- Includes perforated front and rear doors to meet most server manufacturer warranty specifications (for configured versions only)

### Cable Management

- 42 space model includes a pre-mounted vertical lacing strip

### Regulatory / Certifications

- Static load capacity - 10,000 lbs.
- UL Listed in the US and Canada. UL Listed load capacity - 2,500 lbs.
- Seismic certified to the following codes and standards: 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 – Zone 4 or Seismic Design Category (SDC) "D". These are designed for Mission Critical and/or High-Importance Installations in locations with the highest level of seismicity and top floor or rooftop installations including those within UBC and CBC Essential facilities or IBC, ASCE 7, and NFPA 5000 Seismic Use Group III facilities. For all codes, the Importance factor (I<sub>p</sub>) is 1.5. Seismic Certified load capacity of 1,090 lbs. when used with WMRK-Z4 seismic floor anchor brackets.
- GREENGUARD Indoor Air Quality Certified for Children and Schools (the most strict level)

### Caster and Plenum Bases

Optional caster base allows the rack to be wheeled into place, then raised via leveling feet. Caster base includes one 4 space and one 2 space blank panel. Optional Plenum Base accepts a variety of 19" panels for cable and thermal management including filters, brush grommets, vent panels, & blank panels.

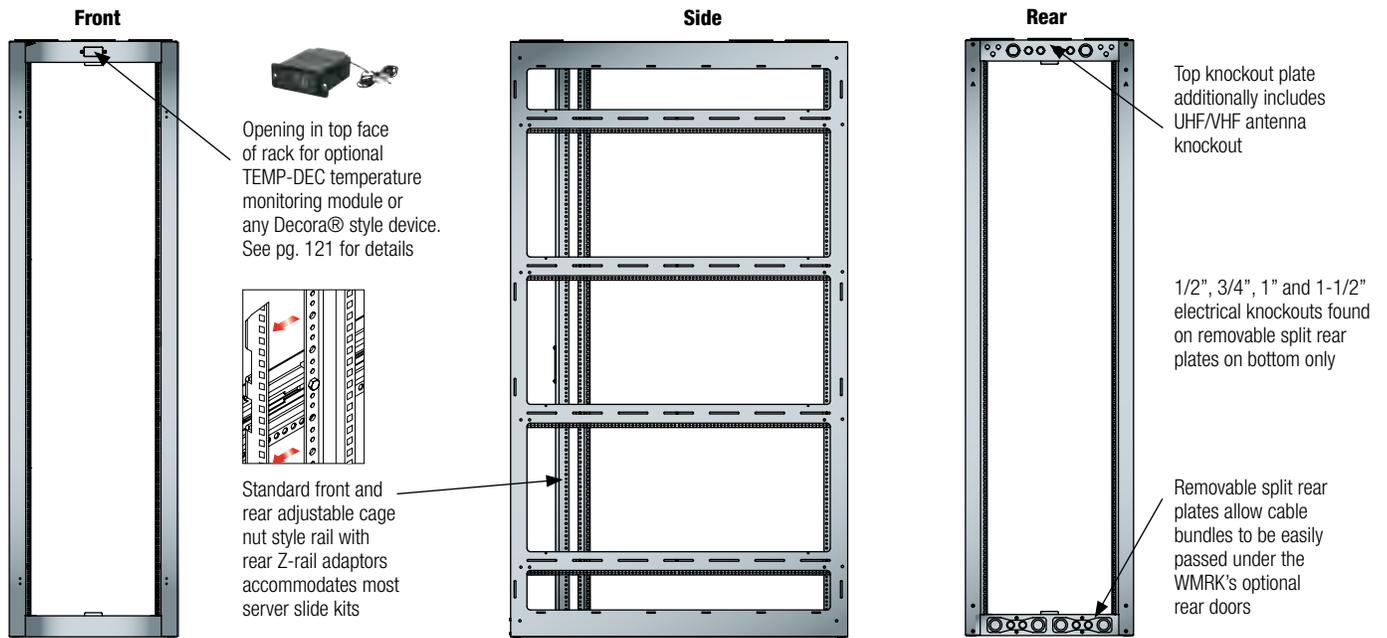
- 36" deep = 10 rackspace
- 42" deep = 14 rackspace
- 48" deep = 18 rackspace



Part #	Racking Height	Overall Height	Useable Depth	Overall Depth	Overall Width	Lockable Side Panels	UL LISTED Caster Base	Plenum Base	Add'l Cage Nut Rackrail	Add'l Z-rail Adaptor	Recommended Power*
WMRK-2436	42" (24 space)	48-5/16"	33-1/2"	36"	24"	SPN-24-36	CBS-WMRK-36	PBS-WMRK-36	PROWMRK-RR24	PROWMRK-ZRA-24	E G
WMRK-2442	42" (24 space)	48-5/16"	39-1/2"	42"	24"	SPN-24-42	CBS-WMRK-42	PBS-WMRK-42	PROWMRK-RR24	PROWMRK-ZRA-24	E G
WMRK-4236	73-1/2" (42 space)	79-13/16"	33-1/2"	36"	24"	SPN-42-36	CBS-WMRK-36	PBS-WMRK-36	PROWMRK-RR42	PROWMRK-ZRA-42	E G N P R T
WMRK-4242	73-1/2" (42 space)	79-13/16"	39-1/2"	42"	24"	SPN-42-42	CBS-WMRK-42	PBS-WMRK-42	PROWMRK-RR42	PROWMRK-ZRA-42	E G N P R T
WMRK-4248	73-1/2" (42 space)	79-13/16"	45-1/2"	48"	24"	SPN-42-48	CBS-WMRK-48	PBS-WMRK-48	PROWMRK-RR42	PROWMRK-ZRA-42	E G N P R T
WMRK-4536	78-3/4" (45 space)	85-1/16"	33-1/2"	36"	24"	SPN-45-36	CBS-WMRK-36	PBS-WMRK-36	PROWMRK-RR45	PROWMRK-ZRA-45	E G N P R T
WMRK-4542	78-3/4" (45 space)	85-1/16"	39-1/2"	42"	24"	SPN-45-42	CBS-WMRK-42	PBS-WMRK-42	PROWMRK-RR45	PROWMRK-ZRA-45	E G N P R T
WMRK-4548	78-3/4" (45 space)	85-1/16"	45-1/2"	48"	24"	SPN-45-48	CBS-WMRK-48	PBS-WMRK-48	PROWMRK-RR45	PROWMRK-ZRA-45	E G N P R T

\*for more info refer to pgs. 96-117





### Base of Rack

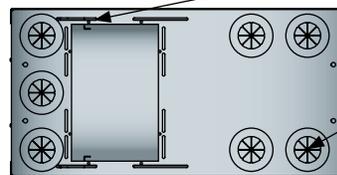
Stud in the base of rack facilitates proper grounding and bonding of electronic equipment, as per NEBS and NEC standards.



See pg. 117 for grounding and bonding options

### Top

Rack top includes integral mounting points for 6", 9", 12" and 18" wide cable ladders



Rack top includes 5/8" LKOs

Rack top includes five integral gland grommeted 4" cable pass-throughs (48" depth includes seven)

### Complete your Rack System with the following options and accessories:



**Power Distribution**  
pgs. 96-117



**Thermal Management**  
pgs. 118-129



**Cable Management**  
pgs. 130-143



**Rack Accessories**  
pgs. 144-169

**Rack Options:** The options listed below are the most widely used accessories for this series of enclosure but is not inclusive of all available items. For additional options and/or more information on the items listed below reference the Enclosure Options section of the catalog.

Part #	Front Doors			Rear Doors*		64% Open Area Perf Top	Solid Top	Vented Top	Fan Tops		
	Solid	Plexi	70% Open Area Perf	Solid Split	79% Open Area Perf Split				w/ (3) 4-1/2" Fans (285 CFM Total)	w/ (2) 6" Fans (440 CFM Total)	w/ (1) 10" Fan (550 CFM Total)
WMRK-2436	FD-24	PFD-24	LVFD-WMRK-24	MW-CRD-24	MW-CLVRD-24	ERK-LVT	ERK-ST	ERK-VT	ERK-4FT-285CFM	ERK-6FT-440CFM	ERK-10FT-550CFM
WMRK-2442	FD-24	PFD-24	LVFD-WMRK-24	MW-CRD-24	MW-CLVRD-24	ERK-LVT	ERK-ST	ERK-VT	ERK-4FT-285CFM	ERK-6FT-440CFM	ERK-10FT-550CFM
WMRK-4236	FD-42	PFD-42	LVFD-WMRK-42	MW-CRD-42	MW-CLVRD-42	ERK-LVT	ERK-ST	ERK-VT	ERK-4FT-285CFM	ERK-6FT-440CFM	ERK-10FT-550CFM
WMRK-4242	FD-42	PFD-42	LVFD-WMRK-42	MW-CRD-42	MW-CLVRD-42	ERK-LVT	ERK-ST	ERK-VT	ERK-4FT-285CFM	ERK-6FT-440CFM	ERK-10FT-550CFM
WMRK-4248	FD-42	PFD-42	LVFD-WMRK-42	MW-CRD-42	MW-CLVRD-42	ERK-LVT	ERK-ST	ERK-VT	ERK-4FT-285CFM	ERK-6FT-440CFM	ERK-10FT-550CFM
WMRK-4536	FD-45	PFD-45	LVFD-WMRK-45	MW-CRD-45	MW-CLVRD-45	ERK-LVT	ERK-ST	ERK-VT	ERK-4FT-285CFM	ERK-6FT-440CFM	ERK-10FT-550CFM
WMRK-4542	FD-45	PFD-45	LVFD-WMRK-45	MW-CRD-45	MW-CLVRD-45	ERK-LVT	ERK-ST	ERK-VT	ERK-4FT-285CFM	ERK-6FT-440CFM	ERK-10FT-550CFM
WMRK-4548	FD-45	PFD-45	LVFD-WMRK-45	MW-CRD-45	MW-CLVRD-45	ERK-LVT	ERK-ST	ERK-VT	ERK-4FT-285CFM	ERK-6FT-440CFM	ERK-10FT-550CFM

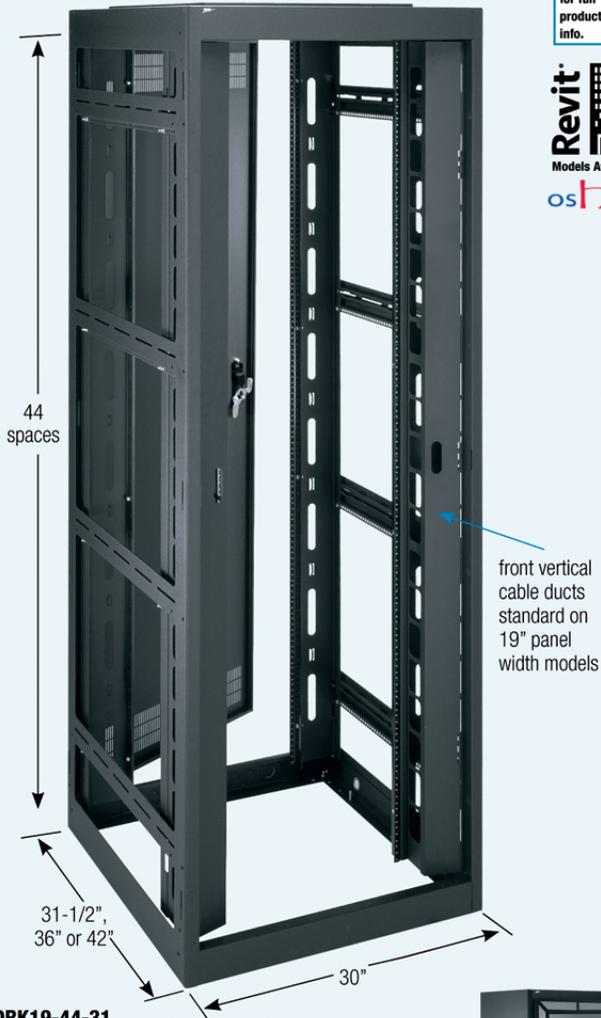
\*High CFM Rear Door available, see pg. 36





# DRK Series Gangable Cable Management Rack Enclosure

DRK Series Gangable Cable Management Rack Enclosure



**DRK19-44-31**



**DRK19-44-31K**  
shown with optional vented plexi front door (DPVFD-44) and side panels

front vertical cable ducts standard on 19" panel width models

## DRK = Data Networking Enclosure

The DRK was designed specifically to support high-density cable management. Wide 30" footprint provides generous amounts of internal cable space.

Specify a DRK for use in network patching and other high-density cable management applications, and where seismic certification and open or removable sides are required or preferred.

### Structural Features

- Fully welded construction for strength
- Standard front and rear adjustable 10-32 threaded or cage nut (with PRO suffix) rackrail with numbered rackspace increments to simplify equipment mounting
- Available in 19" panel widths
- Racks gang together when fully loaded
- Finished in a durable black textured powder coat
- Includes 100 rack screws

### Thermal Management

- Includes partially vented locking-rear door; suffix with LRD to receive with no rear door
- Solid (plexi) and vented front door options are available
- Solid, vented and fan top options are also available

### Cable Management

- Includes pre-installed cable ducts with hinged steel doors and magnetic closures
- Cable duct mounted in front standard, can also be mounted to rear
- Ducts accommodate copper and fiber equally well



For more info on Fiber/Cable Spools, see pg. 139

### Regulatory / Certifications

- Static load capacity - 10,000 lbs.
- UL Listed in the US and Canada. UL Listed load capacity - 2,500 lbs.
- OSHPD approved for fixed equipment anchorage in California healthcare facilities
- Seismic certified to the following codes and standards: 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 – Zone 4 or Seismic Design Category (SDC) "D". These are designed for Mission Critical and/or High-Importance Installations in locations with the highest level of seismicity and top floor or rooftop installations including those within UBC and CBC Essential facilities or IBC, ASCE 7, and NFPA 5000 Seismic Use Group III facilities. For all codes, the Importance factor (I<sub>p</sub>) is 1.5. Seismic Certified load capacity of 755 lbs. when used with MRK-Z4 seismic floor anchor brackets.
- GREENGUARD Indoor Air Quality Certified for Children and Schools (the most strict level)

Part #	Racking Height	Overall Height	Useable Depth	Overall Depth	Overall Width	Side Panels	UL LISTED Casterbase	Add'l 10/32 Threaded Rackrail	Add'l Cage Nut Rackrail	Recommended Power*
DRK19-44-31*	77" (44 space)	83-1/2"	24-1/4"	31-1/2"	30"	SPN-44-312	CBS-DRK-31	DRK19-RR44	DRK19-RR44PRO	N P R T
DRK19-44-31PRO*	77" (44 space)	83-1/2"	24-1/4"	31-1/2"	30"	SPN-44-312	CBS-DRK-31	DRK19-RR44	DRK19-RR44PRO	N P R T
DRK19-44-36*	77" (44 space)	83-1/2"	28-3/4"	36"	30"	SPN-44-36	CBS-DRK-36	DRK19-RR44	DRK19-RR44PRO	N P R T
DRK19-44-36PRO*	77" (44 space)	83-1/2"	28-3/4"	36"	30"	SPN-44-36	CBS-DRK-36	DRK19-RR44	DRK19-RR44PRO	N P R T
DRK19-44-42*	77" (44 space)	83-1/2"	35-3/8"	42"	30"	SPN-44-423	–	DRK19-RR44	DRK19-RR44PRO	N P R T
DRK19-44-42PRO*	77" (44 space)	83-1/2"	35-3/8"	42"	30"	SPN-44-423	–	DRK19-RR44	DRK19-RR44PRO	N P R T
DRK19-44-31K	77" (44 space)	83-1/2"	24-1/4"	31-1/2"	30"	included	CBS-DRK-31	DRK19-RR44	DRK19-RR44PRO	N P R T

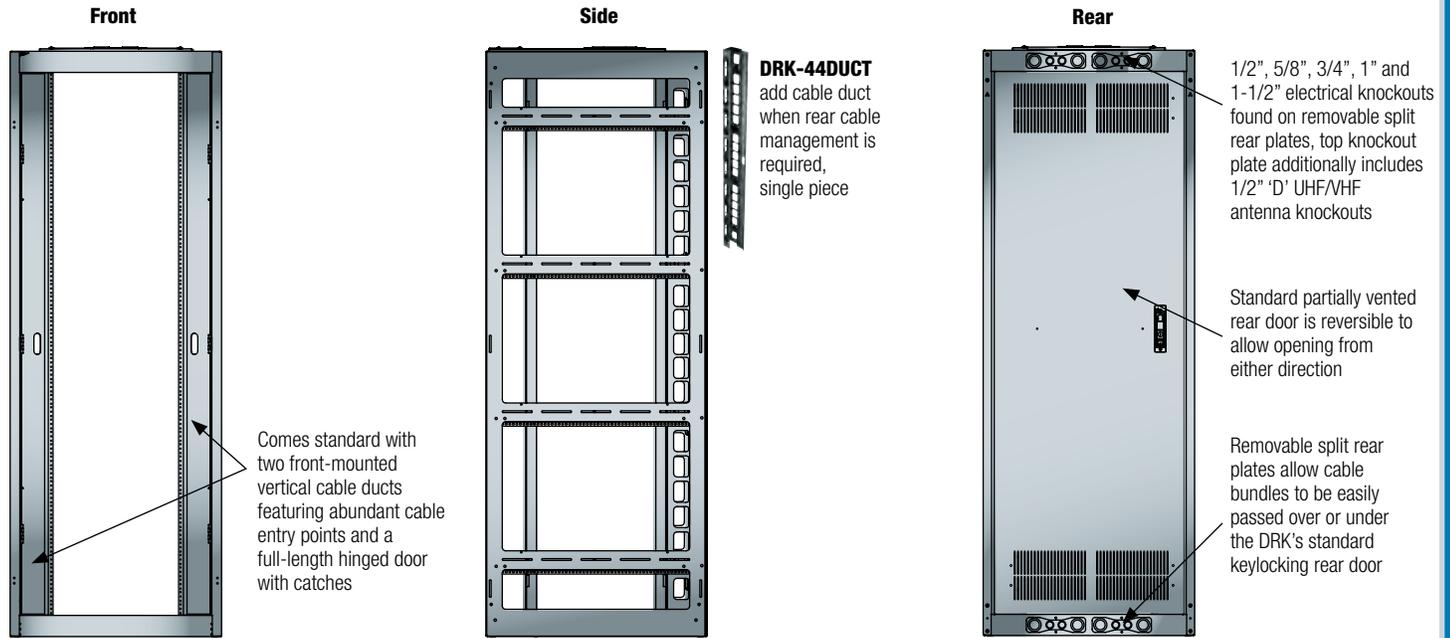
\*available without rear door, suffix part # 'LRD'

•for more info refer to pgs. 96-117

23" wide models are available by special order, please enquire.



# DRK Series Gangable Cable Management Rack Enclosure

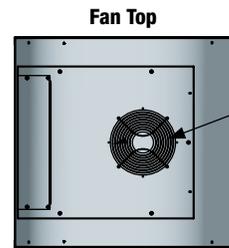


**Base of Rack**

Stud in the base of rack facilitates proper grounding and bonding of electronic equipment, as per NEBS and NEC standards.



See pg. 117 for grounding and bonding options



**Fan Top**

Standard 10" fan top comes with a fan guard, 10" fan optional. Or replace with one of many unique configurable top options see pgs. 126-127 for details.

**Complete your Rack System with the following options and accessories:**

 <p><b>Power Distribution</b> pgs. 96-117</p>	 <p><b>Thermal Management</b> pgs. 118-129</p>	 <p><b>Cable Management</b> pgs. 130-143</p>	 <p><b>Rack Accessories</b> pgs. 144-169</p>
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**Rack Options:** The options listed below are the most widely used accessories for this series of enclosure but is not inclusive of all available items. For additional options and/or more information on the items listed below reference the Enclosure Options section of the catalog.

Part #	Front Doors			Rear Doors				Solid Top	64% Open Area Perf Top	Fan Tops		
	Plexi	25% Open Area	Plexi Vented	Fully Vented	Solid Split	64% Open Area Perf	79% Open Area Split Perf			w/ (4) 4-1/2" Fans (380 CFM Total)	w/ (3) 6" Fans (660 CFM Total)	w/ (1) 10" Fan (550 CFM Total)
DRK19-44-31	DPFD-44	DVFD-44	DPVFD-44	DFVRD-44	DCRD-44	DLVRD-44	DCLVRD-44	MW-ST	MW-LVT	MW-4FT-380CFM	MW-6FT-660CFM	MW-10FT-550CFM
DRK19-44-31PRO	DPFD-44	DVFD-44	DPVFD-44	DFVRD-44	DCRD-44	DLVRD-44	DCLVRD-44	MW-ST	MW-LVT	MW-4FT-380CFM	MW-6FT-660CFM	MW-10FT-550CFM
DRK19-44-36	DPFD-44	DVFD-44	DPVFD-44	DFVRD-44	DCRD-44	DLVRD-44	DCLVRD-44	MW-ST	MW-LVT	MW-4FT-380CFM	MW-6FT-660CFM	MW-10FT-550CFM
DRK19-44-36PRO	DPFD-44	DVFD-44	DPVFD-44	DFVRD-44	DCRD-44	DLVRD-44	DCLVRD-44	MW-ST	MW-LVT	MW-4FT-380CFM	MW-6FT-660CFM	MW-10FT-550CFM
DRK19-44-42	DPFD-44	DVFD-44	DPVFD-44	DFVRD-44	DCRD-44	DLVRD-44	DCLVRD-44	MW-ST	MW-LVT	MW-4FT-380CFM	MW-6FT-660CFM	MW-10FT-550CFM
DRK19-44-42PRO	DPFD-44	DVFD-44	DPVFD-44	DFVRD-44	DCRD-44	DLVRD-44	DCLVRD-44	MW-ST	MW-LVT	MW-4FT-380CFM	MW-6FT-660CFM	MW-10FT-550CFM
DRK19-44-31K	included	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	MW-10FT (incl.)

for more info refer to pgs. 32-35





# Floor Standing Cabinet Options



EIA/TIA Compliant

Spec. #  
96-936  
for full  
product  
info.

ABE



BS-MRK-31

## Inner Platform Base [for MRK and WRK Series Racks]

Provides a handy platform, flush with bottom rackspace, for supporting heavy equipment and mounting electrical boxes. Fits inside rack.

Part #	Fits
BS-WRK-27	WRK 27" deep
BS-WRK-32	WRK 32" deep
BS-MRK-26	MRK 26" deep
BS-MRK-31	MRK 31" deep
BS-MRK-36	MRK 36" deep
BS-MRK-42	MRK 42" deep



component installation without inner platform base



component installation is simplified with inner platform base

BGR and EGR options are shown on rack series pgs.



**5W**  
set of 4  
commercial  
grade casters

**5WL**  
set of 4  
commercial  
locking  
grade casters

**5WR**  
set of 4  
fine floor  
casters

**5WLR**  
set of 4  
locking fine  
floor casters

## Swivel Casters [for ERK and Slim 5 Series Racks]

Bolt to bottom of all ERK & Slim 5 series rack systems. Adds 3-7/8" to overall height.

### Commercial grade casters

- 1,300 lb. weight capacity

### Fine floor casters

- 700 lb. weight capacity
- Constructed from synthetic rubber to protect fine flooring!

BGR and EGR options are shown on rack series pgs.



EIA/TIA Compliant

Spec. #  
96-936  
for full  
product  
info.

ABE



CBS-ERK-20R

## Skirted Caster Bases [for ERK and Slim 5 Series Racks]

Skirted base hides wheels for an improved aesthetic appearance, and bolt to bottom of ERK and Slim 5 Series rack systems. Skirted caster bases add 3-3/4" to overall rack height. Each base comes with its wheels pre-installed.

### Commercial grade casters

- Heavy duty non-locking 3" swivel wheels
- UL Listed in the US and Canada

### Fine floor casters

- 700 lb. weight capacity
- Constructed from synthetic rubber to protect fine flooring!

Commercial Grade Caster Base Part #	Fine Floor Caster Base Part #	Fits
CBS-ERK-20	CBS-ERK-20R	ERK 20" deep
CBS-ERK-25	CBS-ERK-25R	ERK 25" deep
CBS-5	CBS-5R	Slim 5 20" deep
CBS-5-26	CBS-5-26R	Slim 5 26" deep

BGR and EGR options are shown on rack series pgs.



EIA/TIA Compliant

Spec. #  
96-936  
for full  
product  
info.

ABE



CBS-MRK-31

## Recessed Caster Bases [for MRK, WRK and DRK Series Racks]

Recessed caster bases fit inside the rack and only increase the overall rack height by 15/16". Recessed Caster bases work with LF leveling feet, see pg. 31. Each base comes with its wheels pre-installed.

### Commercial grade casters

- Heavy duty non-locking 3" swivel wheels
- 1,300 lb. weight capacity
- UL Listed in the US and Canada

### Fine floor casters

- 700 lb. weight capacity
- Constructed from synthetic rubber to protect fine flooring!

Commercial Grade Caster Base Part #	Fine Floor Caster Base Part #	Fits
CBS-WRK-27	CBS-WRK-27R	WRK 27" deep
CBS-WRK-32	CBS-WRK-32R	WRK 32" deep
CBS-MRK-26	CBS-MRK-26R	MRK 26" deep
CBS-MRK-31	CBS-MRK-31R	MRK 31" deep
CBS-MRK-36	CBS-MRK-36R	MRK 36" deep
CBS-DRK-31	—	DRK 31" deep
CBS-DRK-36	—	DRK 36" deep



# Enclosure Options

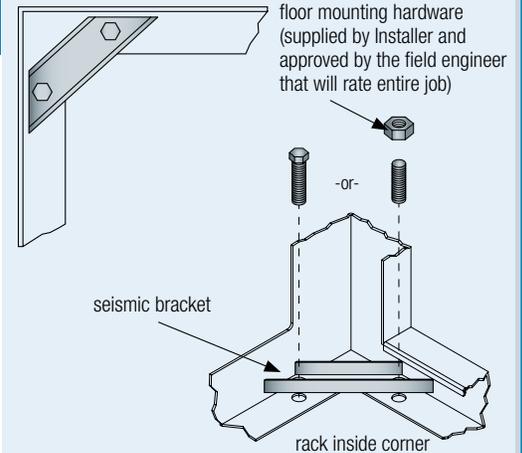
## Seismic Floor Anchor Brackets

When properly installed, seismic floor anchor brackets bring any Seismic Certified DRK, WRK, MRK, VMRK, VRK, ERK, SC, SCQ, SCRK, SCQRK and WMRK Series enclosure to applicable Zone 4, Seismic Design Category (SDC) "D" and Seismic Use Group III Upper Floor Essential Equipment rating and have an  $I_p$  rating of 1.5. Includes four brackets.

Part #	Fits
WRK-Z4	WRK Series
MRK-Z4	MRK, DRK, VMRK Series
VRK-Z4	VRK Series
ERK-Z4	ERK Series
SC-Z4	SC, SCQ, SCRK, SCQRK Series
WMRK-Z4	WMRK Series



**BGR and EGR options are shown on rack series pgs.**



## Leveling Feet

Adjustable leveling feet fit Middle Atlantic Products floor standing steel racks and enclosures (excludes VRK Series). Isolation Leveling Feet feature protective rubber cover to isolate racks from the floor. Flat-blade and hex drive allows for adjustment. Also can be used in conjunction with recessed caster bases for MRK, WRK & DRK Series racks. Set of four. NOTE: Raises enclosure from 1/8" to 1" off floor.

Part #	Description
LF	leveling feet
LF-ISO	isolation leveling feet
LF-WMRK	WMRK isolation leveling feet

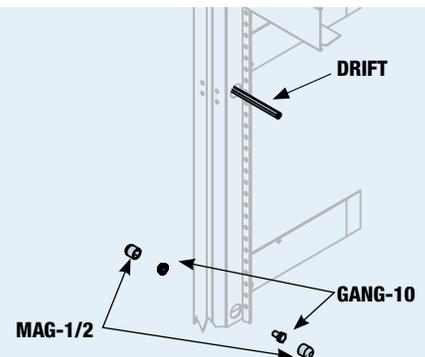
**BGR and EGR options are shown on rack series pgs.**



## Ganging Hardware

Time-saving ganging hardware provides easy field alignment and joining of multi-bay enclosures. Available hardware includes drift pins, 1/2" magnetized sockets and enough 5/16" flange nuts and bolts to gang up to 10 racks or consoles.

Part #	Description
DRIFT	set of two tapered drift pins
MAG-1/2	set of two 1/2" magnetic sockets
GANG-10	5/16" nuts/bolts to gang 10 racks or consoles
GANG-10T	5/16" bolts for ganging BGR via threaded inserts



## Side Panels

The new sides (37 spaces and above) are horizontally split with an easier to manage interlocking design. Same user-installed keylock option for additional security if desired – as is the standard on all our universal side panels. NOTE: Each side panel adds 5/8" to width of rack.

Part #	Description	Fits	Part #	Description	Fits
SPN-24-267	2 full-height panels	fits racks 24 space & 26" or 27" deep	SPN-42-48	4 half-height panels	fits racks 42 space & 48" deep
SPN-24-312	2 full-height panels	fits racks 24 space & 31" or 32" deep	SPN-44-267	4 half-height panels	fits racks 44 space & 26" or 27" deep
SPN-24-36	2 full-height panels	fits racks 24 space & 36" deep	SPN-44-312	4 half-height panels	fits racks 44 space & 31" or 32" deep
SPN-37-267	4 half-height panels	fits racks 37 space & 26" or 27" deep	SPN-44-36	4 half-height panels	fits racks 44 space & 36" deep
SPN-37-312	4 half-height panels	fits racks 37 space & 31" or 32" deep	SPN-44-423	4 half-height panels	fits racks 44 space & 42" or 43" deep
SPN-40-267	4 half-height panels	fits racks 40 space & 26" or 27" deep	SPN-45-36	4 half-height panels	fits racks 45 space & 36" deep
SPN-40-312	4 half-height panels	fits racks 40 space & 31" or 32" deep	SPN-45-42	4 half-height panels	fits racks 45 space & 42" deep
SPN-42-36	4 half-height panels	fits racks 42 space & 36" deep	SPN-45-48	4 half-height panels	fits racks 45 space & 48" deep
SPN-42-42	4 half-height panels	fits racks 42 space & 42" deep	SPN-54-312	4 half-height panels	fits racks 54 space & 31" deep



2 piece side panels (lock in top panel is not shown)



interlocking tabs

# Enclosure Options



## Did You Know??- Time Saving Feature



All MW Series top options are designed with a removable 2 rackspace panel.



This removable panel allows for removal of top options without disruption of cables.

## Solid and Vented Top Options

Select solid, slot pattern vented, or large perforated vented top options to address your thermal management needs.

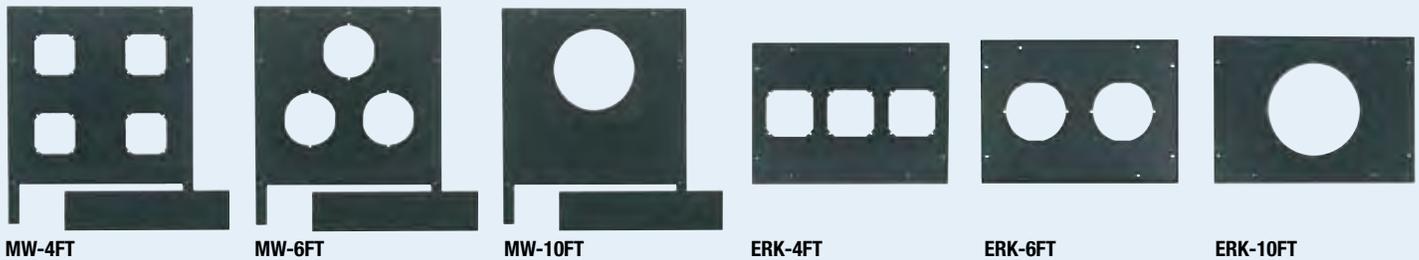


Fits WR, WRK, MRK, VRK, VMRK, DRK Part #	Fits ERK, WMRK, SCRK Part #	Style
MW-ST	ERK-ST	solid
MW-VT	ERK-VT	slot pattern vented
MW-LVT	ERK-LVT	vented, 64% open area

**BGR and EGR options are shown on rack series pgs.**

## Fan Top Options - Non-Populated

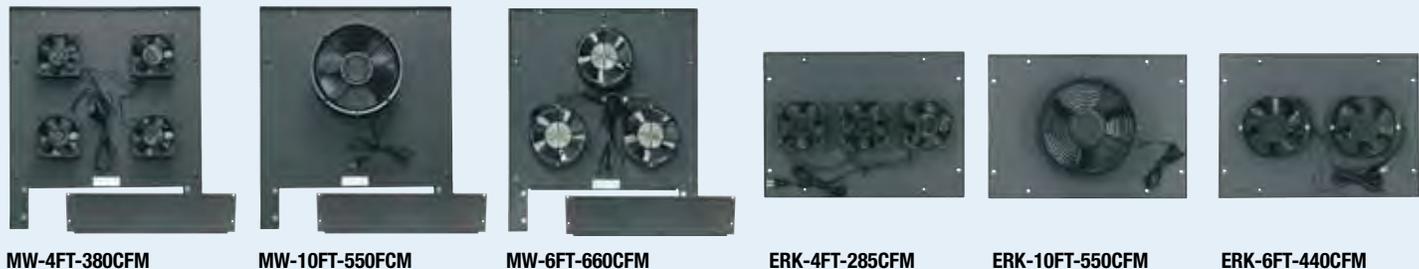
Top options accept 4-1/2", 6" or 10" fans for active thermal management. See pg. 118-129 for fan and air flow specs.



Fits WR, WRK, MRK, VRK, VMRK, DRK Part #	Fits WMRK, ERK, SCRK, Part #	Fan Openings	Style
MW-4FT	ERK-4FT	laser knockouts	mounts up to four 4-1/2" fans (MW-4FT) or three 4-1/2" fans (ERK-4FT)
MW-6FT	ERK-6FT	laser knockouts (MW-6FT) & finished holes (ERK-6FT)	mounts up to three 6" fans (MW-6FT) or two 6" fans (ERK-6FT)
MW-10FT	ERK-10FT	finished hole	mounts one 10" fan

## Top Options - Including Fans

Save time with Integrated Fan Tops! Ships assembled. Integrated fan tops include 4-1/2", 6" or 10" fans, fan guards.



Part #	# of Fans	Fits	Free Air CFM
MW-4FT-380CFM	four 4-1/2" fans	MRK, DRK, VRK, VMRK, WR, WRK Series	380
MW-6FT-660CFM	three 6" fans	MRK, DRK, VRK, VMRK, WR, WRK Series	660
MW-10FT-550CFM	one 10" fan	MRK, DRK, VRK, VMRK, WR, WRK Series	550
ERK-4FT-285CFM	three 4-1/2" fans	ERK, WMRK, SCRK Series	285
ERK-6FT-440CFM	two 6" fans	ERK, WMRK, SCRK Series	440
ERK-10FT-550CFM	one 10" fan	ERK, WMRK, SCRK Series	550



# Enclosure Options

## Thermostatically Controlled Integrated Fan Top Options

Thermostatically Controlled Integrated Fan Tops ships fully assembled and include 4-1/2", 6" or 10" fans, fan guards and proportional speed fan controller that increases fan life, reduces noise, saves energy, and reduces dust build up. ETL Listed in the US and Canada.



**MW-4QFT-FC**



**MW-10FT-FC**



**ERK-4QFT-FC**



**ERK-10FT-FC**



Part #	# of Fans	Fits	Free Air CFM
MW-4QFT-FC*	four quiet 4-1/2" fans	MRK, DRK, VRK, VMRK, WRK Series	220
MW-10FT-FC	one 10" fan	MRK, DRK, VRK, VMRK, WRK Series	550
ERK-4QFT-FC*	three quiet 4-1/2" fans	ERK, WMRK, SCRK Series	165
ERK-10FT-FC	one 10" fan	ERK, WMRK, SCRK Series	550

## Vented Pagoda Top Options

Vented pagoda tops maintain enclosure temperatures through natural convection while minimizing the amount of dust and debris that can fall into the rack, and adds 1-1/2" to the top of the rack.

Part #	Style
MV-PVTxx	vented pagoda top, MRK, VRK, VMRK only

xx = depth of MRK, VRK and VMRK only (26", 31", 36" or 42")



## Duct-Cool™ Adapter Top Options

Adapter top option to allow the Duct-Cool to be mounted to the top of select racks. Includes top and adapter only. Duct-Cool is a complete remote cooling solution that allows you to manage the heat in closets, racks or enclosed projectors quietly and effectively. See pg. 125 for additional details on the Duct-Cool system.

Fits DRK, WRK, MRK, VRK, VMRK, Part #	Fits ERK, WMRK, SCRK Part #	Style
MW-DT	ERK-DT	duct cool adapter



## Top Rail Kit

Convert the top of any WRK, MRK, VRK, VMRK, or DRK into useable rackspace with the MW-TR top rail kit. Can be used in conjunction with our connector panels to allow for customizable connections in the top of the rack. See pg. 162 for details on connector panels.

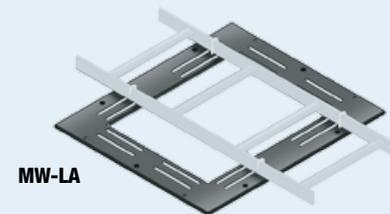
Part #	Description
MW-TR	13 space top rail kit



## Ladder Adapter Top Option

Adapter used to connect cable ladder to the top of racks or cabinets. See pg. 142 for cable ladder offering.

Part #	Cable Ladder Sizes	Fits
MW-LA	6", 9", 12"	WRK, MRK, VRK, VMRK, DRK Series
MK-LA	12"	MK, RLA, RL Series



## Door/Status Sensor

Mounts to any Middle Atlantic Products front and rear doors, and provides contact closure notification at door open/close events. Requires connection to system that senses contact closure.

Part #	Quantity	Part #	Quantity
DCS	1	DCS-10	10



## Locking Front Doors

Offered in lightly smoked plexi, 25% open area perf, 64% open area perf, plexi-vented and solid configurations. Beveled corners provide a stylish modern appearance while hinging either left or right. Black textured powder coat finish. Includes keylock.



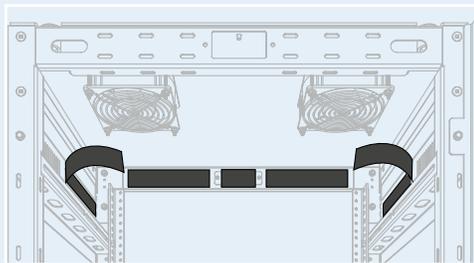
Front Door Part # (Fits MRK, VRK, VMRK, WRK, ERK, DWR, SR Series)

Solid	Plexi	25% Open Area Perf	64% Open Area Perf	Plexi Vented	# of Rackspace
FD-54	PFD-54	VFD-54	-	-	54
FD-46	PFD-46	VFD-46	LVFD-46	-	46
FD-45	PFD-45	VFD-45	LVFD-45	-	45
FD-44	PFD-44	VFD-44	LVFD-44	PVFD-44	44
FD-42	PFD-42	VFD-42	LVFD-42	-	42
FD-40	PFD-40	VFD-40	LVFD-40	-	40
FD-37	PFD-37	VFD-37	LVFD-37	-	37
FD-35	PFD-35	VFD-35	LVFD-35	-	35
FD-27	PFD-27	VFD-27	-	-	27
FD-24	PFD-24	VFD-24	LVFD-24	-	24
FD-21	PFD-21	VFD-21	LVFD-21	-	21
FD-18	PFD-18	VFD-18	LVFD-18	-	18
FD-16	PFD-16	VFD-16	LVFD-16	-	16
FD-12	PFD-12	VFD-12	LVFD-12	-	12
FD-10	PFD-10	VFD-10	LVFD-10	-	10
FD-8	PFD-8	VFD-8	-	-	8



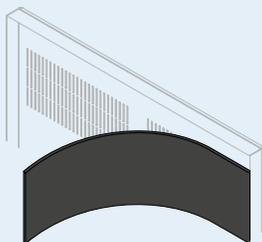
DVFD-44

DPVFD-44



vent blockers magnetized on one side only to eliminate stray magnetic fields

**Vent Blockers** mount to the inside of enclosures to direct airflow



Front Door Part # (Fits DRK Series)

25% Open Area	Plexi	Plexi Vented	# of Rackspace
DVFD-44	DPFD-44	DPVFD-44	44

## Vent Blockers

VBK Series Vent Blockers are used to promote active thermal management. Designed to prevent the re-circulation of hot air between top-mount fans and nearby vent openings, Vent Blockers should be placed over the enclosure's vents located on the upper front of the enclosure, upper sides, and upper rear door (depending on enclosure). This will ensure that heated enclosure air will be forced out through the top-mounted exhaust fans instead of re-circulating, keeping equipment cool.

Part #	Used On	Part #	Used On
VBK-W27-W32	WRK-xx27 & WRK-xx-32	VBK-SD22	SR-40-22, DWR-xx-22
VBK-WSA27	WRK-xxSA-27	VBK-S28	SR-xx-28
VBK-WSA32	WRK-xxSA-32, WR-xx-32*	VBK-S32	SR-xx-32, DWR-xx-32
VBK-E20	ERK-xx20, DWR-xx-26	VBK-S42	WR-xx-42*
VBK-E25	ERK-xx25	VBK-V	VRK Series
VBK-SCRK27	SCRK Series	VBK-DRK	DRK Series
VBK-D17	DWR-xx-17		

\* When WR is not flush against a wall, block the rear opening with the optional rear access panel, model #WR-RAP-xx

BGR and EGR options are shown on rack series pgs.



# Enclosure Options

## Thermal Management Kits for Rear Door

Middle Atlantic Products standard solid rear doors on WRK, MRK and ERK Series enclosures are configurable for achieving optimal active or passive thermal management. Fan, vent and filter kits are available to install after laser knockouts are removed. Fan and vent kits now available for solid split rear doors.



**KO-AWFP2**



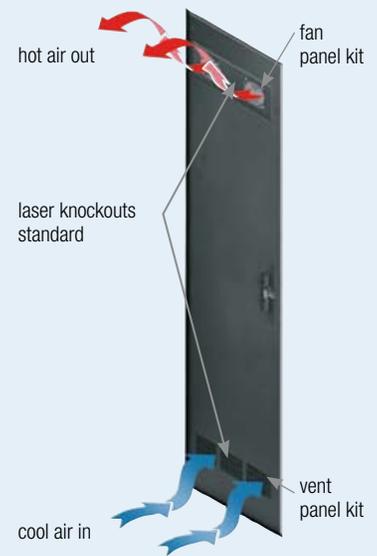
**KO-VT3**



**KO-FILTER3**

WRK, MRK, ERK Standard Solid Rear Doors	
Part #	Description
KO-AWFP2	fan kit with two fans, 190 CFM
KO-VT3	vent panel kit
KO-FILTER3	filter kit
KO-WSB3	blank panel kit

Solid Split Rear Doors	
Part #	Description
KO-CRD-FAN	fan kit with two fans, 190 CFM and two vents
KO-CRD-VT	filter kit



## Optional Doors

Substitute a vented rear door for a solid rear door in selected sizes. Black textured powder coat finish. See web for racks available 'less rear door' (LRD). Fully vented rear doors have 64% open area. Split rear doors with 3 point latch offer 79% open area and require less floor space when accessing rear equipment connections.



Rear Door Part # (Fits WMRK, MRK, VRK, VMRK, WRK Series)				Fits ERK Only	# of Rackspace
Top & Bottom Slot Vented	79% Open Area Split Perf	64% Open Area Perf	Solid Split	Top & Bottom Slot Vented	
-	MW-CLVRD-45	-	MW-CRD-45	-	45
MW-VRD-44	MW-CLVRD-44	MW-LVRD-44	MW-CRD-44	ERK-VRD-44	44
-	MW-CLVRD-42	-	MW-CRD-42	-	42
-	-	MW-LVRD-40	-	ERK-VRD-40	40
-	-	-	-	ERK-VRD-35	35
-	-	-	-	ERK-VRD-27	27
-	MW-CLVRD-24	-	MW-CRD-24	-	24
-	-	-	-	ERK-VRD-21	21
-	-	-	-	ERK-VRD-18	18

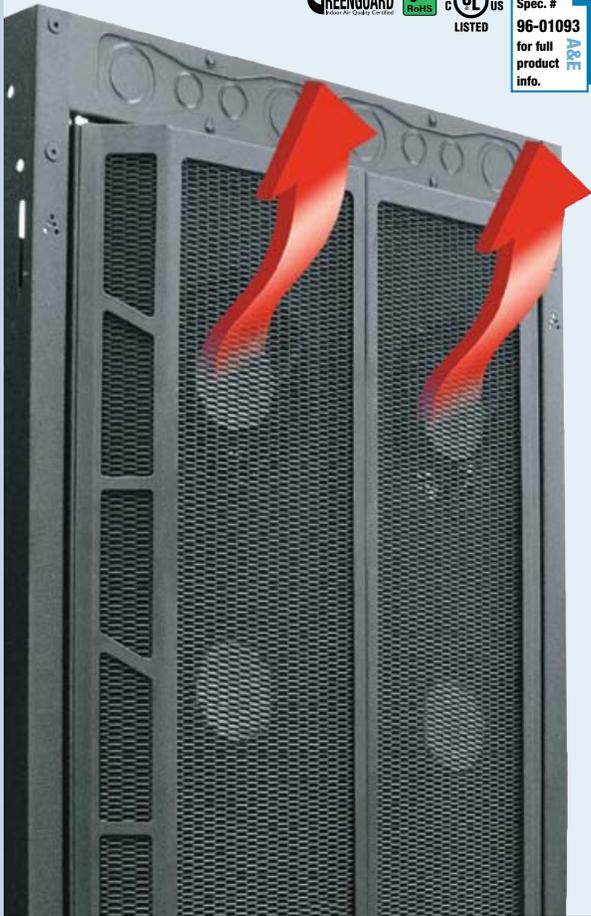


Rear Door Part # (Fits DRK Series)				
Slot Vents Fully Vented	Top & Bottom Slot Vented	64% Open Area Perf	79% Open Area Split Perf	Solid Split
DFVRD-44	DVRD-44	DSVRD-44	DCLVRD-44	DCRD-44





Spec. #  
**96-01093**  
for full  
product  
info.



**Removes hot air from densely populated server enclosures.**  
Great solution when top mounted fans are not enough to move the required CFM.

### Structural Features

- Ideal for hot aisle/cold aisle applications where air return is above hot aisle, because exhaust air is directed upward toward air returns
- Excellent when enclosure is highly populated with NVR's/DVR's or servers that are front intake/rear exhaust-type
- Finished in a durable black textured powder coat

### Thermal Management

- Pre-configured with six 6" fans. These fans have adjustable locations and can be arranged where they are most needed
- Additional fans can be added to increase total CFM. Doors can accept up to 16 total fans to boost total air movement up to 3,520 CFM for maximum cooling
- A high-capacity thermostatic fan controller is available – see below

### Cable Management

- Each door has a removable 48" SignalSafe™ IEC cord to allow for doors to be plugged into separate circuits. Shorter IEC cords can be substituted for improved cable management. For more on SignalSafe technology, see pg. 116

### Regulatory / Certifications

- GREENGUARD Indoor Air Quality Certified for Children and Schools (the most strict level)
- UL Listed in the US and Canada

Part #	Description	Fits	Additional 1/2 Blank Panels (Qty. of 4)	Free Air CFM
MW-CFRD-45	45 space split fan rear door	WMRK	MW-CFRD-1/2PNL-45	1,320
MW-CFRD-44	44 space split fan rear door	MRK, WRK, VRK	MW-CFRD-1/2PNL-44	1,320
MW-CFRD-42	42 space split fan rear door	WMRK	MW-CFRD-1/2PNL-42	1,320
D-CFRD-44	44 space split fan rear door	DRK	DCFRD-1/2PNL-44	1,320
MWCFRD-FKIT	additional 6" fan for MW-CFRD and D-CFRD			220
FC-CFRD	fan controller, 1 rackspace			

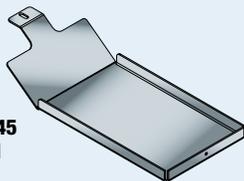
High CFM Configurable Rear Doors



adjustable fan panels  
(8 per half door)

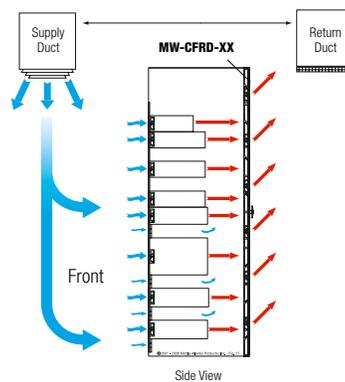


shorter IEC cords can be used to  
simplify cable management



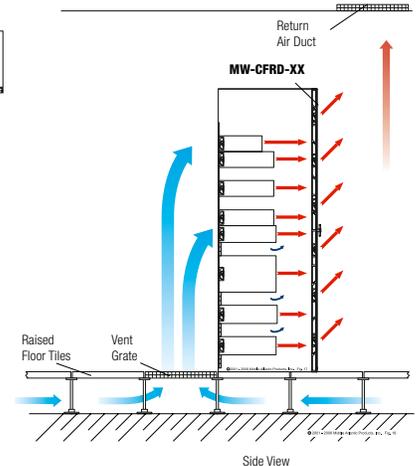
**MW-CFRD-1/2PNL-45**  
half-height blank panel

### High CFM Split Rear Door



Proper Air Conditioning  
Airflow and Rack Placement

### High CFM Split Rear Door



Proper Forced Air on Raised Floor,  
Vented Floor Grate Placement

## Heavy-Duty Fan Thermostatic Controller for High CFM Rear Doors

- One unit can power up to 16 fans in a fully populated system
- One rackspace; mounts at top or bottom with flexible mounting ears
- Setting for thermostatic temperature control
- Setting for proportional or snap action
- ETL Listed in the US and Canada

Part #

FC-CFRD



FC-CFRD





# WR Series Roll Out Rotating System In Steel Host Enclosure

The WR Series was designed to provide for rear access to equipment even when the equipment bays are placed up against a wall or back to back.

Factory-assembled in its own host enclosure, the rack frame pulls out and rotates for service access.

Specify a WR Series enclosure when easy access to rear equipment connections is required for larger audio, video and security equipment installations but an access aisle is not practical.

## Structural Features

- Standard front and rear heavy-gauge, 10-32 threaded rackrail with marked rackspace increments speeds equipment mounting
- Host enclosure can be pre-installed on-site while detachable rack frame is integrated with equipment off-site, simplifying installation
- Finished in a durable black textured powder coat
- Requires no additional accessories to roll out and rotate

## Thermal Management

- Engineered ventilation locations optimize passive thermal management
- Configurable open top accepts a number of options for active thermal management, see pgs. 32-33 for top options

## Cable Management

- Effective cable management system provided
- Slots in upper rack frame accommodate Velcro® ties
- Rack frame features pre-punched rackrail brackets for built-in cable management
- 4" laser knockouts provided for cable pass-through and ganging multiple racks

## Regulatory / Certifications

- UL Listed in the US and Canada
- 750 lb. weight capacity with proper weight distribution
- GREENGUARD Indoor Air Quality Certified for Children and Schools (the most strict level)

4" laser knockouts provided for cable pass-through



EIA/TIA Compliant



Spec. # 96-01005 for full product info.



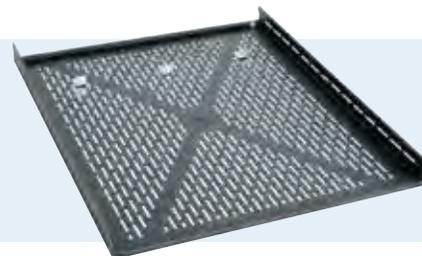
Models Available



WR-44-32

32-7/8" Overall Depth (26" Useable Depth)	42-7/8" Overall Depth (36" Useable Depth)	Useable Racking Height	Recommended Vertical Power Strip
WR-44-32	WR-44-42	77" (44 space)	<b>N P R T</b>
WR-37-32	WR-37-42	64-3/4" (37 space)	<b>E G</b>
WR-24-32	—	42" (24 space)	<b>E G</b>

**Zero Space Rackshelf**  
zero space full depth front and rear mount SH Series rack shelf, see pg. 157



Part #	3" Deep Solid Front Door*	3" Deep Plexi Front Door*	Additional Threaded Rackrail	Rear Access Panel
WR-24-xx	WRFD-24	WRPFD-24	WR-RR-24	WR-RAP-24
WR-37-xx	WRFD-37	WRPFD-37	WR-RR-37	WR-RAP-37
WR-44-xx	WRFD-44	WRPFD-44	WR-RR-44	WR-RAP-44

\*Doors provide 3" clearance from face of front rail.

NOTE: When multiple units are installed and doors swing the same way, additional cable chase is required for door opening clearance.

WR Series Roll Out Rotating System In Steel Host Enclosure





# AXS Slide Out System In Steel Host Enclosure



US Patent #5,443,312

EIA/TIA Compliant



Spec. #  
96-055S  
for full  
product  
info.

A&E



Models Available



**MRK-4426AXS**  
shown extending  
to service position

**A factory-assembled system in an MRK, WRK-SA or ERK enclosure, the patented pull-out design is ideal for access to rear equipment connections.**

Entire bays of equipment can be rolled out for service and installation flexibility. Select an AXS when space-limited environments require equipment bays to be placed up against a wall or back to back and a straight pullout is preferred.

### Structural Features

- Adjustable service stand elevates service tracks to bottom of AXS, allowing it to pull out
- Host enclosure can be pre-installed on-site while detachable rack frame is integrated with equipment off-site, simplifying installation
- Standard fixed front and rear heavy-gauge, 10-32 threaded rackrail with numbered rackspace increments speeds equipment mounting
- Finished in a durable black textured powder coat

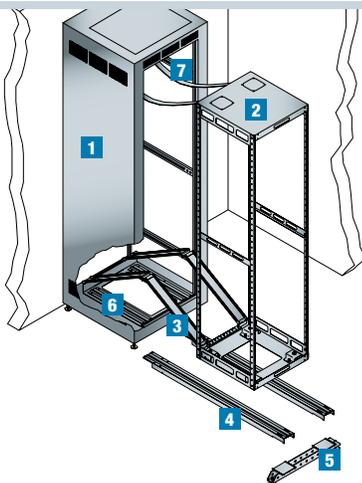
### Cable Management

- Articulating cable carriers attach to rack frame for effective cable management

### Regulatory / Certifications

- 650 lb. weight capacity with proper weight distribution
- Specified MRK-Series AXS racks are seismic certified to the following codes and standards: 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 – Zone 4 or Seismic Design Category (SDC) “D”. These are designed for Mission Critical and/or High-Importance Installations in locations with the highest level of seismicity and top floor or rooftop installations including those within UBC and CBC Essential facilities or IBC, ASCE 7, and NFPA 5000 Seismic Use Group III facilities. For all codes, the Importance factor  $I_p$  is 1.5. Z4 models have a Seismic Certified load capacity of 520 lb.
- GREENGUARD Indoor Air Quality Certified for Children and Schools (the most strict level)

Part #	Useable Racking Height	Overall Height	Frame Depth	Host Cabinet Depth	Overall Width	Seismic Certified	Recommended Power
MRK-4426AXS	71-3/4" (41 space)	83-1/8"	20"	26-1/2"	22"	No	N P R T
MRK-4026AXS	64-3/4" (37 space)	76-1/8"	20"	26-1/2"	22"	No	G J N
MRK-3726AXS	59-1/2" (34 space)	70-7/8"	20"	26-1/2"	22"	No	E G J
MRK-4431AXS-26	71-3/4" (41 space)	83-1/8"	26"	31-1/2"	22"	No	N P R T
MRK-4031AXS-26	64-3/4" (37 space)	76-1/8"	26"	31-1/2"	22"	No	G J N
MRK-3731AXS-26	59-1/2" (34 space)	70-7/8"	26"	31-1/2"	22"	No	E G J
MRK-4426AXS-Z4	71-3/4" (41 space)	83-1/8"	20"	26-1/2"	22"	Yes	N P R T
MRK-4026AXS-Z4	64-3/4" (37 space)	76-1/8"	20"	26-1/2"	22"	Yes	G J N
MRK-3726AXS-Z4	59-1/2" (34 space)	70-7/8"	20"	26-1/2"	22"	Yes	E G J
WRK-44SA-27AXS	71-3/4" (41 space)	83-1/8"	20"	27-1/2"	24-1/4"	No	N P R T
WRK-44SA-32AXS-26	71-3/4" (41 space)	83-1/8"	26"	32-1/2"	24-1/4"	No	N P R T
ERK-4425AXS	71-3/4" (41 space)	81-1/8"	20"	25"	22"	No	N P R T
ERK-3525AXS	56" (32 space)	65-3/8"	20"	25"	22"	No	E G J



**The following is included w/ each of the above**

Qty	Items Included
1	modified welded cabinet <b>1</b>
1	assembled rack frame <b>2</b>
2	triple hinged cable carriers <b>3</b>
1	internal system base <b>6</b>
2	top restraining leashes <b>7</b>

**4 Service Tracks - pair of removable service tracks (not included)**

Part # (pair)	Track Length	Rack Frame Extension Length
TRACK50	50"	48"

**5 Service Stand - supports & levels service tracks**

Part #	Height Range
TRACKL	2-1/4" to 3-1/4"



# AXS System For Millwork And In-Wall



**Specify an AXS when installing audio and video equipment flush into a wall or cabinet; ideal for larger systems.**

**The patented pull-out design provides access to rear equipment connections. Entire bays of equipment can be rolled out for service and installation flexibility.**

## Structural Features

- Unique mechanically interlocking corner joint provides exceptional strength & eases assembly
- Telescoping service stand elevates service tracks to bottom of AXS, allowing it to pull out
- Service tracks include built-in level to reduce installation and servicing time
- Removable rack frame can be integrated off-site to save time
- Standard fixed front and rear heavy-gauge, 10-32 threaded rackrail with numbered rackspace increments speeds equipment mounting
- Finished in a durable black textured powder coat

## Cable Management

- Articulating cable carriers attach to rack frame for effective cable management (non-rotating models only)

## Regulatory / Certifications

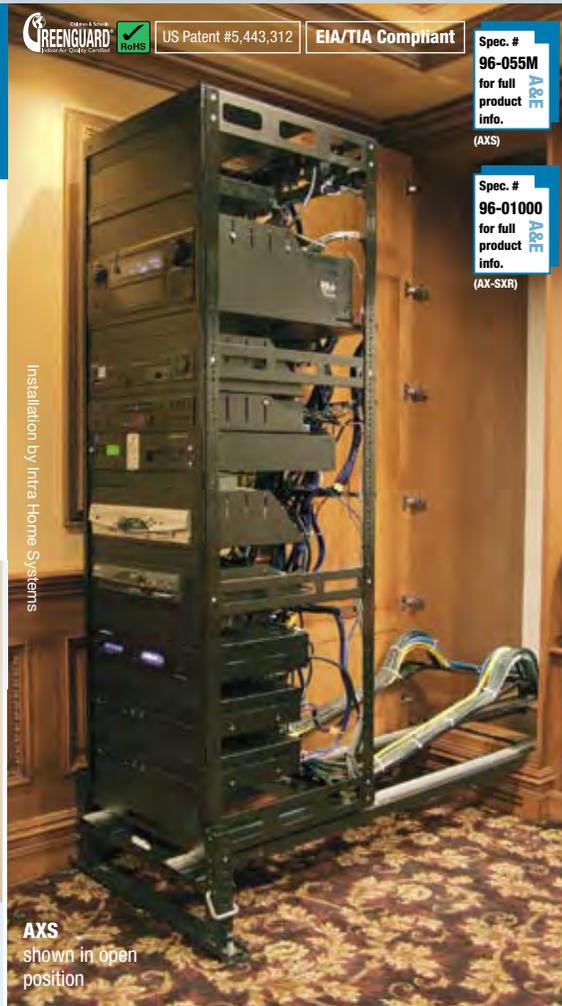
- Up to 650 lb. weight capacity with proper weight distribution
- GREENGUARD Indoor Air Quality Certified for Children and Schools (the most strict level)

Recommended Power Chart	
Power Strip*	Size
<b>C</b>	10 space and up
<b>C E</b>	17 space and up
<b>C E G</b>	21 space and up
<b>E G J</b>	25 space and up
<b>G J N</b>	35 space and up
<b>N P R T</b>	41 space and up

\*see pgs. 96-117



**AX-SXR**  
rotating slide out rack



Installation by Intra Home Systems

**AXS**  
shown in open position

Spec. #  
**96-055M**  
for full  
product  
info.  
(AXS)

Spec. #  
**96-01000**  
for full  
product  
info.  
(AX-SXR)

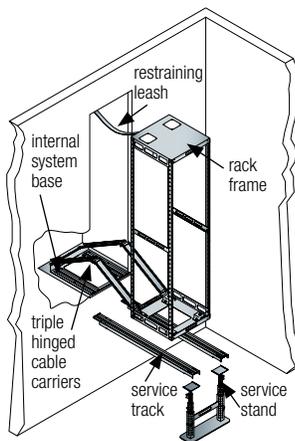
Part #		Ext. Length	Frame Depth	Weight Capacity	Rough Opening Width	Rough Opening Width When Using Gasket & Guide Kit	Rotating
AXS-xx-26	xx equals # of useable space (15 to 43 space)	48"	26"	650 lbs.	19-1/4"	19-5/8"	no
AXS-xx	xx equals # of useable space (15 to 43 space)	48"	20"	650 lbs.	19-1/4"	19-5/8"	no
AX-SXR-xx	xx equals # of useable space (15 to 43 space)	31"	20"	450 lbs.	19-1/4"	19-5/8"	yes
AX-SX-xx	xx equals # of useable space (10 to 43 space)	25"	20"	650 lbs.	19-1/4"	19-5/8"	no
SAX-xx	xx equals # of useable space (15 to 43 space)	48"	16-1/2"	650 lbs.	19-1/4"	19-5/8"	no
SSAX-xx	xx equals # of useable space (15 to 43 space)	25"	16-1/2"	650 lbs.	19-1/4"	19-5/8"	no

Service Tracks* - pair of removable service tracks			
Part #	Use With	Track Length	Rack Frame Ext. Depth
TRACK25	AX-SX, SSAX	25"	25"
TRACK31	AX-SXR	31"	31"
TRACK50	AXS, SAX, AXS-xx-26	50"	48"

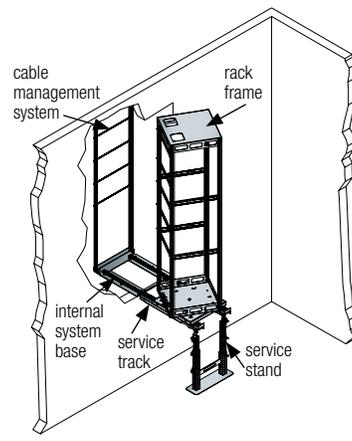
\*required for installing and servicing

Service Stands* - removable telescoping stand that supports & levels the service tracks	
Part #	Height Range Off the Floor
TRACKL	2-1/4" to 3-1/4"
TS310	3" to 11"
TS1022	10" to 22"
TS1640	16" to 40"

\*required for installing and servicing



**AXS, AX-SX, SAX, SSAX slide out rack**



**AX-SXR slide out rack**

AXS System For Millwork And In-Wall





# AXS System Options

Configured Enclosure Systems



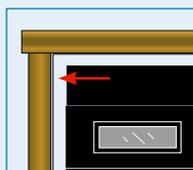
## Gasket & Guide Kit

Attach these guides to rack top on the AXS to ensure the smooth sliding of the rack frame into the millwork, wall or cabinet opening. Ensures frame will remain centered in opening, protecting millwork from damage. Requires a slightly larger rough opening for AXS System, see facing page. Includes BG17 brush gasket strip for front rackrail to fill any gap in wall or millwork opening. Brush gasket retrofits to existing installations. NOTE: requires 19-5/8" rough opening width.

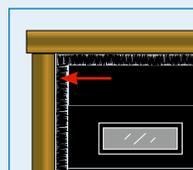
Part #	Description	Fits
AXS-GG16	Gasket & Guide Kit	16" deep AXS
AXS-GG20	Gasket & Guide Kit	20" deep AXS, AX-SXR
AXS-GG26	Gasket & Guide Kit	26" deep AXS
BG17	17" brush gasket	any AXS



Gasket & Guide Kit



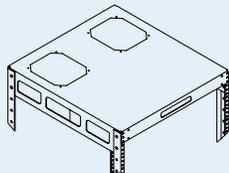
without brush gasket



with brush gasket\*

BG17 brush gasket is 1/2" wide, closes gaps  
\*NOTE: requires 19-5/8" rough opening

AXS-GG20 rack guide protects millwork



AXS-FAN, AXS-FAN-K  
top accepts up to 2 fans

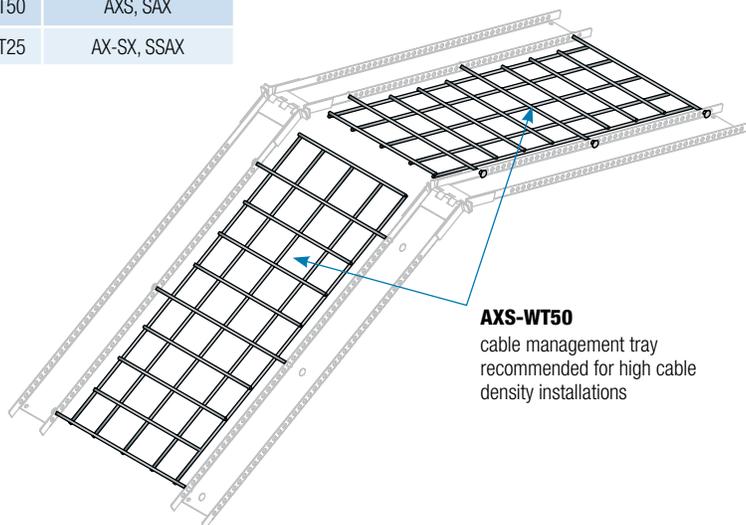
## Accessories

Part #	Description
AXS-FAN	1 slim-fan for AX-SXR rack, 57 CFM
AXS-FAN-K	2 slim-fans for AX-SXR rack, 114 CFM
AXS-TEXTTRIM	trim panel, textured finish

## AXS-WT Cable Management Tray

- Provides additional capacity for large cable bundles
- Mounts between cable carriers of any AXS Series slide out rack
- Fits all existing AXS systems\* \*NOTE: not for use with rotating AX-SXR

Part #	Fits
AXS-WT50	AXS, SAX
AXS-WT25	AX-SX, SSAX



AXS-WT50  
cable management tray  
recommended for high cable  
density installations





## SRSR Series Rotating Sliding Rail System

Specify an SRSR for easy rear access to equipment connections in millwork, cabinets and flush in-wall installations. Available with a 19" or 23" useable depth, the SRSR system extends and rotates 90° in either direction, making it ideal for smaller systems.

### Structural Features

- Standard front and rear heavy-gauge, 10-32 threaded rackrail with marked rackspace increments to speed equipment mounting
- Removable rack frame allows in-shop integration and on-site installation of equipment, saving time in the field
- Locks in the extended position for simplified equipment integration
- Rotating equipment bay locks in place at 0°, 60° and 90° for easy installation & servicing
- Self-centering mounting base makes it simple to align system within cabinet opening

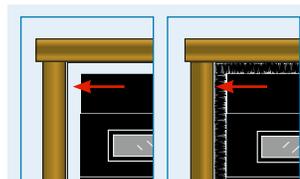
### Cable Management

- Rear cable support, when used in conjunction with rear rackrail, provides effective cable management

### Regulatory / Certifications

- Up to a 250 lb. weight capacity, depending on model
- GREENGUARD Indoor Air Quality Certified for Children and Schools (the most strict level)

Part #	Description	Useable Depth
SRSR-2-xx (# of useable spaces, from 12 to 24)	2 slide 125 lb. capacity	19"
SRSR-4-xx (# of useable spaces, from 12 to 30)	4 slide 250 lb. capacity	19"
SRSR-X-xx (# of useable spaces, from 12 to 30)	4 slide 200 lb. capacity	23"
BG17	17' roll brush gasket, requires 19-5/8" rough opening	



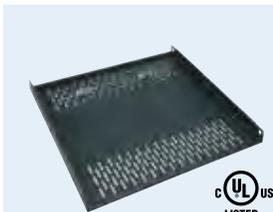
without brush gasket      with brush gasket\*

BG17 brush gasket closes gaps - retrofits to existing installations  
\*NOTE: requires 19-5/8" rough opening



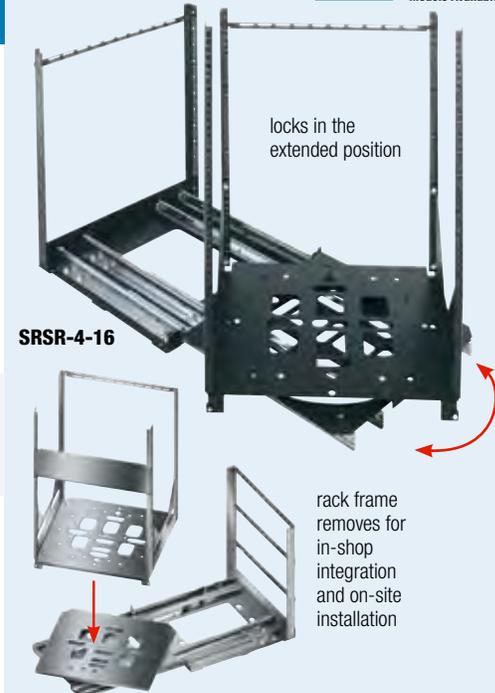
without trim strip installed      with trim strip installed

Trim Strips add the finishing touch to any installation, see pg. 147



SH-5A zero space full depth front and rear mount SH Series rackshelf, see pg. 157

GREENGUARD Indoor Air Quality Certified  
RoHS  
EIA/TIA Compliant  
Spec. # 96-985 for full product info.  
A&E  
Revit Models Available



SRSR-4-16

locks in the extended position

rack frame removes for in-shop integration and on-site installation



SRSR extends and rotates 90° in either direction for easy access to equipment connections

Installation by Intra Home Systems

## SRS Series Sliding Rail System

Specify an SRS for rear access to equipment connections in millwork & cabinets. System extends a full 19" but does not rotate. Good for smaller millwork and in-wall installations.

### Structural Features

- Trim panel secures unit closed
- Standard front (from 8 to 20 spaces) and rear (7 space) 10-32 threaded rackrail with marked rackspace increments to speed equipment mounting
- System pulls out a full 19", providing rear access to equipment with shallow depths

### Cable Management

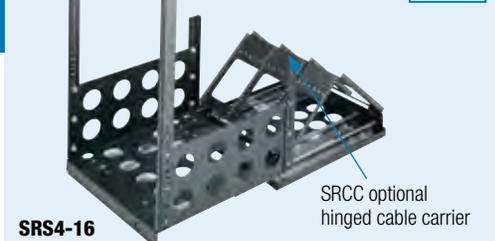
- Triple-hinged, full-width cable carrier offered for effective cable management

### Regulatory / Certifications

- Up to a 250 lb. weight capacity, depending on model
- GREENGUARD Indoor Air Quality Certified for Children and Schools (the most strict level)

Part #	Description
SRS2-xx (# of useable spaces, from 8 to 20)	2 slide 125 lb. capacity
SRS4-xx (# of useable spaces, from 8 to 20)	4 slide 250 lb. capacity
SRCC	optional cable carrier
BG17	17' brush gasket

GREENGUARD Indoor Air Quality Certified  
RoHS  
EIA/TIA Compliant  
Spec. # 96-042 for full product info.  
A&E



SRS4-16

SRCC optional hinged cable carrier



SRS2-14 with optional trim strip





# Rotating Slide Out Shelving Systems



EIA/TIA Compliant

Spec. # 96-01020  
for full product info.



vented shelves and top optimized for ventilation

ASR-60-HD

## ASR-HD Series Heavy Duty Rotating Slide Out Shelving System

Specify an ASR-HD when installing non-rackmount audio and video equipment in custom cabinetry, entertainment centers and in walls, when an open shelf system is desired.

Slide out and rotating functionality provides enhanced access to rear equipment connections.

- Designed for more visible installations where aesthetics are important
- Quick-Position™ easy index self-leveling shelves are simple to install and are adjustable in 3/4" increments
- Pulls out, rotates 60° and locks in either direction for easy access to equipment connections
- Self-centering base speeds installation
- Ships fully assembled to save time
- Locking detent protects millwork
- Attractive silver brushed shelf trim can be replaced and customized to match any finish
- Included cable management system facilitates a clean, organized installation
- Up to a 250 lb. weight capacity, depending on model

Part #	Opening Height	Overall Width	Useable Depth	Weight Capacity	# of Shelves	Additional Shelf Part #	Trim Strip Finish Color
ASR-30-HD	30"	21"	19"	200 lbs.	4	ASR-HD-SH1-BK	black anodized
ASR-42-HD	42"	21"	19"	200 lbs.	6	ASR-HD-SH1-SL	silver anodized
ASR-60-HD	60"	21"	19"	250 lbs.	9	ASR-HD-SH1-WD	unfinished wood

### Optional Shelf Trim Kits

Select a black anodized or unfinished wood trim kit to match the decor of any room. Unfinished wood is ready to be stained to match any finish.

Black Anodized Part #	Unfinished Wood Part #	Fits
ASR-30-HDT-BK	ASR-30-HDT-WD	ASR-30-HD
ASR-42-HDT-BK	ASR-42-HDT-WD	ASR-42-HD
ASR-60-HDT-BK	ASR-60-HDT-WD	ASR-60-HD



Spec. # 96-01026  
for full product info.



ASR-48

## ASR Series Economical Rotating Slide Out Shelving System

Specify an ASR for installing non-rackmount audio and video equipment in less visible locations in custom cabinetry and behind closed doors. Ideal for smaller systems or when an open shelf system is desired and the ability to customize shelf fronts is not required.

Slide out and rotating functionality provides enhanced access to rear equipment connections.

- Self-leveling shelves are simple to install and are adjustable in 3/4" increments
- Ships ready-to-assemble to save space
- Included cable management system facilitates a clean, organized installation
- Up to a 200 lb. weight capacity, depending on model

Part #	Opening Height	Overall Width	Useable Depth	Weight Capacity	# of Shelves
ASR-30	30"	18"	16-1/8"	100 lbs.	4
ASR-36	36"	18"	16-1/8"	100 lbs.	5
ASR-42	42"	18"	16-1/8"	200 lbs.	6
ASR-48	48"	18"	16-1/8"	200 lbs.	7





## CFR Series Compact Frame Rack System

CFR units provide maximum rackspace in entertainment systems, lecterns, cabinets, and similar spaces.

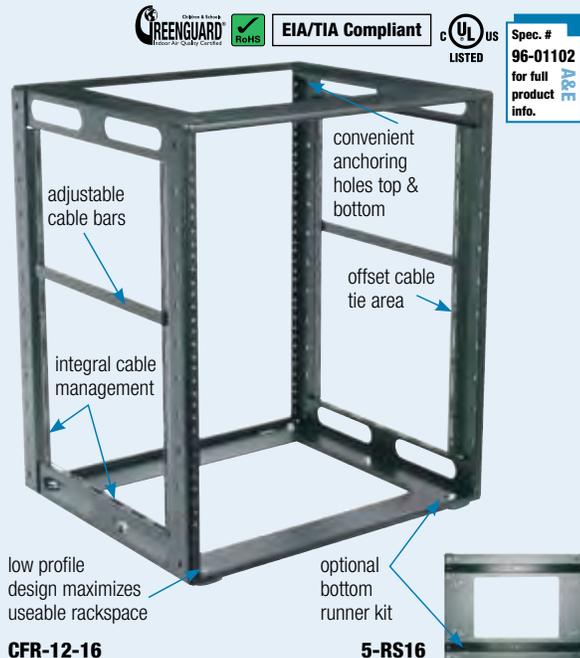
**NEW!**

- Low profile design maximizes useable rackspace
- Features a strong welded frame that allows for pre-loading equipment and transportation to the installation site
- Comes standard with two adjustable front to rear lacing bars for cable dressing or mounting accessories
- Uprights feature offset cable tie area which keeps the rack to a slim 19-1/4" width
- Uprights feature offset cable tie area which keeps the rack to a slim 19-1/4" width
- UL Listed in the US and Canada. UL Listed load capacity - 250 lbs.
- GREENGUARD Indoor Air Quality Certified for Children and Schools (the most strict level)



**HOT TIP!** Optional runner kits allow the rack to slide in or out of place without damaging your cabinet, credenza, etc.

16" Useable Depth	18" Useable Depth	Description	Overall Height	Useable Height
CFR-8-16	CFR-8-18	cabinet frame rack	14-15/16"	14" (8 space)
CFR-9-16	CFR-9-18	cabinet frame rack	16-11/16"	15-3/4" (9 space)
CFR-10-16	CFR-10-18	cabinet frame rack	18-7/16"	17-1/2" (10 space)
CFR-11-16	CFR-11-18	cabinet frame rack	20-3/16"	19-1/4" (11 space)
CFR-12-16	CFR-12-18	cabinet frame rack	21-15/16"	21" (12 space)
CFR-13-16	CFR-13-18	cabinet frame rack	23-11/16"	22-3/4" (13 space)
CFR-14-16	CFR-14-18	cabinet frame rack	25-7/16"	24-1/2" (14 space)
5-RS16	5-RS18	low friction runner kit (adds 1/4" to overall height)		



## REB Series Low Profile Rotating Slide Out Equipment Base

Access cables and equipment connections with the Low-Profile Rotating Slide Out Base. The low-profile design is unobtrusive and elegant in its simplicity while the sturdy construction supports the installation of DVD players, cable or satellite boxes, receivers and other equipment commonly found in entertainment centers and lecterns.

- Sliding, rotating design provides easy access to cables and equipment connections
- Two depths available to accommodate a wide range of components and cabinets
- Locks closed for safety
- Included cable management system facilitates a clean, professional home installation



Part #	Min. Rough Opening Width*	Recommended Rough Opening Minimum Depth**	Weight Capacity	Useable Depth	
				With No Setback	With 1" Setback
REB14	17-1/8"	15"	75 lbs.	13"	12"
REB18	17-1/8"	19"	75 lbs.	17"	16"

\* Rough opening width will be extended by components wider than 17".

\*\* Rough opening depth will be increased by components deeper than the stated useable depth.



## C5 Series Credenza Racks Implement a Totally New Approach



1. Choose from 1, 2 or 3 bay models. Choose the Contemporary style, with clean lines and smooth hardware, or the Traditional style, with ogee curved edges and brushed hardware. Choose from the standard finishes shown below. It's that easy!
2. The core structure of the credenza ships from stock at one of our five North American warehouses, so you can start integration immediately.
3. Outer surfaces, doors and trim ship separately to your shop or directly to the installation site and are quickly and easily fastened to cover all the metal and complete the installation.



EIA/TIA Compliant

### Key Advantages of This Installation-Friendly Approach:

1. **It's FAST.** Get integration started fast – frames ship from stock.
2. **It's SAFE.** Wood shipments are well protected from shipping damage.
3. **It's REPAIRABLE.** If a panel gets damaged on jobsite, it can be easily replaced.
4. **It's FUTUREPROOF.** Changing colors or styles in the future is easy



Frame**		Finishing Kit, Traditional Style		Finishing Kit, Contemporary Style	
# of Bays	Model	With Smoked Plexi Door(s)	With Solid Door(s)	With Smoked Plexi Door(s)	With Solid Door(s)
1 Bay	C5F1	C5K1-TPD-xx *	C5K1-TSD-xx *	C5K1-CPD-xx *	C5K1-CSD-xx *
2 Bay	C5F2	C5K2-TPD-xx *	C5K2-TSD-xx *	C5K2-CPD-xx *	C5K2-CSD-xx *
3 Bay	C5F3	C5K3-TPD-xx *	C5K3-TSD-xx *	C5K3-CPD-xx *	C5K3-CSD-xx *

**Note: A complete system includes the frame & the finishing kit – when ordering a finishing kit the frame must also be ordered. \*\*Frame does not come with finishing kit.**

### C5 Finishing Kit, with Large Format Monitor Mount (for 32" - 50" monitors)

Frame		Finishing Kit, Traditional Style		Finishing Kit, Contemporary Style	
# of Bays	Model	With Smoked Plexi Door(s)	With Solid Door(s)	With Smoked Plexi Door(s)	With Solid Door(s)
1 Bay	C5F1	C5K1-MM1-TPD-xx*	C5K1-MM1-TSD-xx*	C5K1-MM1-CPD-xx*	C5K1-MM1-CSD-xx*
2 Bay	C5F2	C5K2-MM1-TPD-xx*	C5K2-MM1-TSD-xx*	C5K2-MM1-CPD-xx*	C5K2-MM1-CSD-xx*
3 Bay	C5F3	C5K3-MM1-TPD-xx*	C5K3-MM1-TSD-xx*	C5K3-MM1-CPD-xx*	C5K3-MM1-CSD-xx*



\*Replace 'xx' with DS = Darkstone, GS = Graystone, PS = Pepperstone, SG = Shark Gray, EA = Ebony Ash, WG = Wenge, DC = Dark Cherry, DP = Dark Pecan, AG = Aged Cherry, HM = Honey Maple, LW = Light Walnut, MP = Maple.

### Standard Work Surface Finishes





## Combination of a Steel Rack Frame and Attractive Outer Furniture Panels

3-bay model, contemporary style, shown in aged cherry

14 rackspace per bay

27-1/2" overall depth, 20-5/8" useable depth



### Accessories

<b>Shelf System Insert</b>	<b>Adjustable Rail Bracket Kit</b>	<b>Custom Cutouts for Tabletop Boxes</b>	<b>Cable Grommet</b>	<b>Flip-Up Side Shelf Contemporary Style</b>	<b>Flip-Up Side Shelf Traditional Style</b>	<b>Waste and Recycle Bin Insert</b>
C5-SH-SYS	C5-ARB	Please call	C5-CG	C5-SDSH-Cxx	C5-SDSH-Txx	C5-WB

## Millwork Kit for Customizing C5 Series Credenza Racks

The millwork kit supplies all hardware and specifications to allow customized woodwork to be used with our credenza frame kit.

### Each kit includes:

- A USB Flash Drive pre-loaded with shop plans, drawings, & instructions. (Instructions are stored in a universal .pdf format, & drawings are provided as .dxf files.)
- A complete Hardware Kit including:
  - Fasteners for door installations, including hinges (Note: door knobs/pulls are NOT included)
  - Fasteners for attaching the top panel, side panels, and toe kick

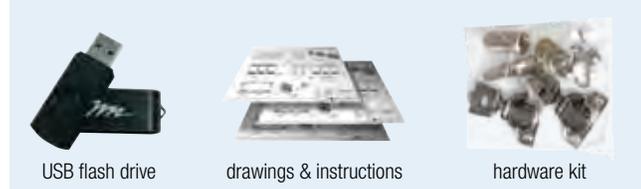
### Ordering a Millwork Kit

To order a Millwork Kit, simply choose the model below that matches the number of bays in your C5 Series Frame.

Part #	Description	Order with Frame
C5-MK1	C5 millwork kit, 1 bay	C5F1
C5-MK2	C5 millwork kit, 2 bay	C5F2
C5-MK3	C5 millwork kit, 3 bay	C5F3



Using the New C5 Millwork Kit lets a custom millworker provide matching outer surfaces. (Not a standard offering)



C5 Series Credenza Racks





EIA/TIA Compliant

Spec. #  
96-01117  
for full  
product  
info.

ASE



**RDR-24-25BK**  
shown with components installed

Our popular designer-inspired RDR Series racks are now available two ways – as a basic “ready-to-integrate” rack ready for your specified components and accessories, or as a pre-configured “ready-to-go” assembly, complete with shelves, cable management and power already installed.

Either way, these racks were designed to impress – with a wood top (ebony ash), sturdy aluminum structural extrusions, hidden caster base, and integral cable management that will look good in visible locations including living rooms and meeting rooms.

Part #	Racking Height	Overall Height	Overall Depth	Useable Depth
RDR-16-25BK	28" (16 rackspace)	32-1/2"	25"	17-15/16"
RDR-24-25BK	42" (24 rackspace)	46-1/2"	25"	17-15/16"
RDR-35-25BK	61-1/4" (35 rackspace)	65-3/4"	25"	17-15/16"



**RDR-24-25BK**



shown with attractive trim strip that covers rail and fasteners

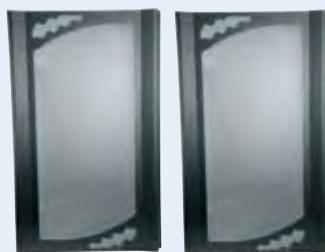
## Residential Designer Rack Accessories



**DCFANKIT-4**  
fan kit accessory



**RDR-SH2**  
4-point mounting shelf



**RDR-Sx-SPBK-BK**  
rear access panel and side panels

Part #	Description
RDR-SH2	2 space vented shelf, fits RDR Series, useable depth 17-15/16"
RDR-S3-SPBK-BK	pair of metal sides with vented rear access panel, fits RDR-S3, & RDR-16-25BK
RDR-S4-SPBK-BK	pair of metal sides with vented rear access panel, fits RDR-S4, & RDR-24-25BK
RDR-S6-SPBK-BK	pair of metal sides with vented rear access panel, fits RDR-S6, & RDR-35-25B
DCFANKIT-4	fan kit (4 fans) for use with RDR-Sx-SPBK-BK, 100 CFM





**RDR-S6**



**ERK-2725-CONFIG**



**5-29-CONFIG**

## RDR Series

**RDR Series designer-inspired rack enclosure for an attractive appearance in visible locations.**

RDR models are factory configured/ pre-installed and ship complete with:

### Power Distribution

- Vertical 15 Amp filtered and surge protected power

### Cable Management

- Integrated into shelves, channels, and base

### Rack Accessories

- Vented 4-point shelves
- Hidden casters
- Vent panels
- Trim strips

## ERK Series

**ERK Series ideal for cable intensive and whole house distributed systems.**

ERK models are factory configured/ pre-installed and ship complete with:

### Power Distribution

- Vertical 15 Amp filtered and surge protected power

### Cable Management

- Vertical lacing strips
- Horizontal lacing bars

### Rack Accessories

- Vented shelves (including 1 telescoping full depth heavy duty shelf)
- Vent panels
- Caster base

## Slim 5 Series

**Slim 5 Series are cost effective for hidden installations and open sides maximize passive cooling air flow.**

Slim 5 models are factory configured/ pre-installed and ship complete with:

### Power Distribution

- Vertical 15 Amp filtered and surge protected power

### Cable Management

- Vertical lacing strips

### Rack Accessories

- Vented shelves
- Vent panels
- Set of 4 casters

Configured Part #	Racking Height	Useable Depth	Height with Casters	Qty. of Vented Shelves & Vent Panels
RDR-S3	28" (16 space)	17-15/16"	32-1/2"	3 shelves, 3 vent panels
RDR-S4	42" (24 space)	17-15/16"	46-1/2"	4 shelves, 4 vent panels
RDR-S6	61-1/4" (35 space)	17-15/16"	65-3/4"	6 shelves, 6 vent panels

Configured Part #	Racking Height	Useable Depth	Height with Casters	Qty. of Vented Shelves & Vent Panels
ERK-1825-CONFIG	31-1/2" (18 space)	23-1/2"	39-3/4"	4 shelves, 3 vent panels
ERK-2125-CONFIG	36-3/4" (21 space)	23-1/2"	45"	4 shelves, 3 vent panels
ERK-2725-CONFIG	47-1/4" (27 space)	23-1/2"	55-1/2"	5 shelves, 4 vent panels
ERK-3525-CONFIG	61-1/4" (35 space)	23-1/2"	69-1/2"	6 shelves, 5 vent panels

Configured Part #	Racking Height	Useable Depth	Height with Casters	Qty. of Vented Shelves & Vent Panels
5-14-CONFIG	24-1/2" (14 space)	20-1/2"	32-1/4"	3 shelves, 2 vent panels
5-29-CONFIG	50-3/4" (29 space)	20-1/2"	58-1/2"	5 shelves, 5 vent panels
5-37-CONFIG	64-3/4" (37 space)	20-1/2"	72-1/2"	6 shelves, 6 vent panels



## ERK Series Configured A/V Enclosures

### Ship complete with:

#### Thermal Management

- Integrated fan top
- Rear door bottom vent
- Vent blockers

#### Cable Management

- Vertical lacer strip 3-1/4" width (LACE-OP Series)
- Horizontal lacer bars, four 'L' shaped straight and two 4" offset
- Velcro® cable management straps, 8" length, 12 qty

#### Power Distribution

- For 44 space enclosures: 1 qty 20 Amp, 20 outlet power strip with cord, (PDT-2020C-NS)
- For 35 and 40 space enclosures: 2 qty 20 Amp, 10 outlet power strip with cord, (PDT-1020C-NS)

#### Accessories

- Solid front and configurable rear door, locking
- 10-32 threaded rack screws, 100 qty
- Leveling feet, 4 qty

Part #	Racking Height	Overall Height	Useable Depth	Overall Depth	Overall Width
ERK-3525-AV	61-1/4" (35 space)	65-3/8"	23-7/16"	25"	22"
ERK-4025-AV	70" (40 space)	74-1/8"	23-7/16"	25"	22"
ERK-4425-AV	77" (44 space)	81-1/8"	23-7/16"	25"	22"



## MRK Series Configured A/V Enclosures

### Ship complete with:

#### Thermal Management

- Integrated fan top, with proportional speed fan control
- Rear door bottom vent
- Vent blockers

#### Cable Management

- Vertical lacer strip 3-1/4" width (LACE-OP Series)
- Horizontal lacer bars, four 'L' shaped straight and two 4" offset
- Velcro® cable management straps, 8" length, 12 qty

#### Power Distribution

- 1 qty 20 Amp, 20 outlet power strip with cord (PDT-2020C-NS)

#### Accessories

- Solid front and configurable rear door, locking
- 10-32 threaded rack screws, 100 qty
- Leveling feet, 4 qty
- Side panels (as noted in table)
- Ganging hardware (MRK open side models only)

Part #	Racking Height	Overall Height	Useable Depth	Overall Depth	Overall Width	Includes Side Panels
MRK-4426-AV	77" (44 space)	83-1/8"	24"	26-1/2"	23-5/16"	Yes
MRK-4426-AV-AB	77" (44 space)	83-1/8"	24"	26-1/2"	22"	No
MRK-4431-AV	77" (44 space)	83-1/8"	29"	31-1/2"	23-5/16"	Yes
MRK-4431-AV-AB	77" (44 space)	83-1/8"	29"	31-1/2"	22"	No



# Configured Enclosure Systems

## MRK Series Configured NVR/DVR Enclosures

### Ship complete with:

- 64% open area front door
- 79% open area split rear door
- 20 Amp, 20 outlet power strip with cord (PDT-2020C-NS)
- 64% open area top
- 3-1/4" width vertical lacer strip (LACE-44-OP)
- Horizontal lacer bars, four 'L' shaped straight and two 4" offset
- One each 1 space and 2 space brush grommet
- Velcro® cable management straps
- Side panels (as noted in table)
- Ganging hardware (models without side panels only)
- Leveling feet

### DVR Enclosure

- Two pairs 10-32 threaded rackrail
- 10-32 threaded rack screws, 100 qty

### NVR Enclosure

- Two pairs cage nut style rackrail
- One pair of cage nut style Z-rail adaptors
- 6 mm threaded cage nuts & rack screws, 100 qty
- 10-32 threaded cage nuts & rack screws, 50 qty

Part #	Racking Height	Overall Height	Useable Depth	Overall Depth	Overall Width	Includes Side Panels
MRK-4431-DVR	77" (44 space)	83-1/8"	29"	31-3/8"	23-1/4"	Yes
MRK-4431-DVR-AB	77" (44 space)	83-1/8"	29"	31-3/8"	22"	No
MRK-4436-NVR	77" (44 space)	83-1/8"	33-9/16"	36"	23-1/4"	Yes
MRK-4436-NVR-AB	77" (44 space)	83-1/8"	33-9/16"	36"	22"	No



## WMRK Series Configured Server Enclosures

### Ship complete with:

- 70% open area front door, locking
- 79% open area split rear door, locking
- 64% open area top
- Temperature monitoring module
- Vertical lacing strip, 3-1/4" width (42 space only)
- Two pairs cage nut style rackrail
- One pair of cage nut style Z-rail adaptors
- 6 mm cage nuts, 100 quantity
- 6 mm rack screws, 100 quantity
- For 42 space enclosures: 20 Amp, 20 outlet power strip with cord
- For 24 space enclosures: 20 Amp, 10 outlet power strip with cord
- Side panels (as noted in table)
- Ganging hardware (models without side panels only)
- Leveling feet

Part #	Racking Height	Overall Height	Useable Depth	Overall Depth	Overall Width	Includes Side Panels
WMRK-2436SVR	42" (24 space)	48-5/8"	33-9/16"	36"	25-1/4"	Yes
WMRK-2436SVR-AB	42" (24 space)	48-5/8"	33-9/16"	36"	24"	No
WMRK-4236SVR	73-1/2" (42 space)	80-1/16"	33-9/16"	36"	25-1/4"	Yes
WMRK-4236SVR-AB	73-1/2" (42 space)	80-1/16"	33-9/16"	36"	24"	No
WMRK-4242SVR	73-1/2" (42 space)	80-1/16"	39-9/16"	42"	25-1/4"	Yes
WMRK-4242SVR-AB	73-1/2" (42 space)	80-1/16"	39-9/16"	42"	24"	No



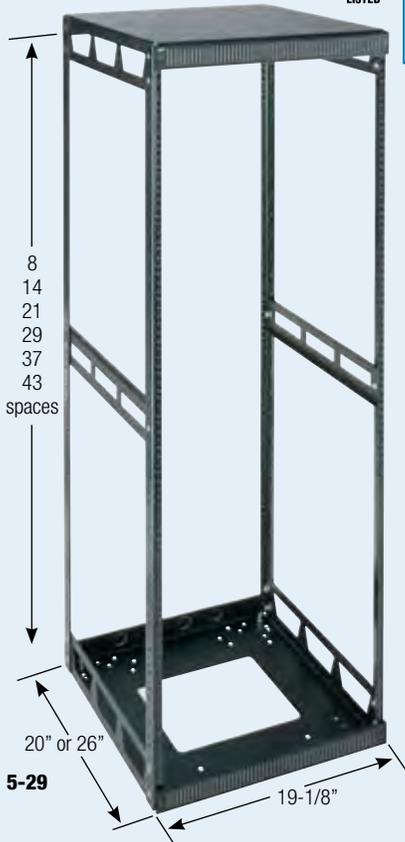


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Spec. #  
96-037  
for full  
product  
info.

ABE



**5-29**  
26" deep Slim 5 shown  
with steel side panels



**5-29**  
shown with dark cherry side and top  
panels and plexiglass front door

## Versatile Rack Frame System Satisfies Many Design Requirements

### Structural Features

- Standard front and rear fixed heavy-gauge, 10-32 threaded rackrail with marked rackspace increments to speed equipment mounting
- Bolt-together design allows for flat shipment via UPS
- Unique mechanically interlocking corner joint is central to each unit's exceptional strength and eases assembly
- 1/2" and 3/4" top and bottom electrical knockouts in rear of rack for cable pass-through
- Optional removable steel side panels provide security while attractive thermolaminate top and side panel options provide aesthetic appeal for home and studio installations
- Specify a Slim 5 when multiple racks need to be joined or when open sides are desirable

### Thermal Management

- Top includes two laser knockout locations to mount cooling fans

### Regulatory / Certifications

- Static load capacity - 1,000 lbs.
- UL Listed in the US and Canada. UL Listed load capacity - 400 lbs.
- GREENGUARD Indoor Air Quality Certified for Children and Schools (the most strict level)



Slim 5 ships  
flat packed

20" Useable Depth Part #	26" Useable Depth Part #	Racking Height	Overall Height	Recommended Power*
5-8	5-8-26	14" (8 space)	17-3/4"	<b>C</b> **
5-14	5-14-26	24-1/2" (14 space)	28-1/4"	<b>C</b> *
5-21	5-21-26	36-3/4" (21 space)	40-1/2"	<b>E G</b> *
5-29	5-29-26	50-3/4" (29 space)	54-1/2"	<b>E G J</b> *
5-37	5-37-26	64-3/4" (37 space)	68-1/2"	<b>G J N</b> *
5-43	5-43-26	75-1/4" (43 space)	79"	<b>N P T</b> *

•for more info refer to pgs. 96-117 \*Requires PB-5A to mount power strip \*\*Requires PB-XS to mount power strip



**HOT TIP!**  
Slim 5 frames can be  
ordered in any height  
between 8 and 43 spaces  
part # 5-x (x = spaces)  
  
(NOTE: Doors and side panels  
may not be available in  
matching size)





## Casters (add 3-7/8" to overall cabinet height)

<b>5W</b>	<b>5WR</b>	<b>5WL</b>	<b>5WLR</b>	<b>CBS-5</b>	<b>CBS-5R</b>
set of 4 commercial grade casters	set of 4 fine floor casters	set of 4 commercial grade locking casters	set of 4 fine floor locking casters	skirted base with 4 commercial grade non-locking casters, fits 20" depth models; CBS-5-26 fits 26" depth models	skirted base with 4 fine floor non-locking casters, fits 20" depth models; CBS-5-26R fits 26" depth models

## Accessories

SH-5A	Trim Panels	Adjustable "Split" Rear Rackrail	Top Fan & RAP Kit	Bottom Runner Kit														
<p>zero space full depth front and rear mount SH Series rackshelf, see pg. 157</p> <p></p>	<table border="1"> <thead> <tr> <th>Part #</th> <th>Description</th> </tr> </thead> <tbody> <tr> <td>5-BAVTRIM</td> <td>black brushed &amp; anodized</td> </tr> </tbody> </table> <p>top and bottom trim panels available to match the finish of the products mounted within the enclosures, includes 2 pieces</p>	Part #	Description	5-BAVTRIM	black brushed & anodized	<ul style="list-style-type: none"> <li>Facilitates rear hanging of equipment</li> <li>Permits panels to be "mid-mounted"</li> <li>All brackets, rails and hardware included</li> <li>Cable chase kit required when using this option with ganged enclosures</li> <li>Works with steel side panels only; will not accommodate wood side panels</li> </ul> <p><b>5AR37</b> installed on <b>5-37</b></p>	<table border="1"> <thead> <tr> <th>Part #</th> <th>CFM</th> </tr> </thead> <tbody> <tr> <td>5-FAN-K</td> <td>114</td> </tr> </tbody> </table> <p>includes 2 fans, 4 grilles, &amp; vent blocker</p>	Part #	CFM	5-FAN-K	114	<table border="1"> <thead> <tr> <th>Part #</th> <th>Fits</th> </tr> </thead> <tbody> <tr> <td>5-RS20</td> <td>20" deep models</td> </tr> <tr> <td>5-RS26</td> <td>26" deep models</td> </tr> </tbody> </table> <p>low-friction bottom runners allow the Slim 5 to easily slide in and out of credenzas and lecterns</p>	Part #	Fits	5-RS20	20" deep models	5-RS26	26" deep models
Part #	Description																	
5-BAVTRIM	black brushed & anodized																	
Part #	CFM																	
5-FAN-K	114																	
Part #	Fits																	
5-RS20	20" deep models																	
5-RS26	26" deep models																	



Top and side panels are constructed from thermolaminated MDF. Call for custom top when using cable chase.

WUSS and SH Series shelves need to be installed prior to installation of wood side panels, which conveniently lift off.



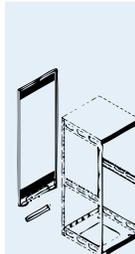
Removable Steel Side Panels are vented top and bottom with recessed lift handles and internal locking clips.

Finished in a durable black textured powder coat, each side panel adds 5/8" per side to overall enclosure width.



Doors are capable of being installed with a right or left swing and are equipped with a cam keylock and attractive flush handle.

Requires the use of a cable chase when used in multi-bay installations. Doors provide 1-1/2" clearance.



Rear access panels feature a unique no-hinge "tip-out lift-off" design with a two 4" fan laser knockout for cable pass-through on the bottom.

Securing keylock included.

Part #	Solid Front Door	Plexi Front Door	Steel Side Panels, Pair	Thermolaminate Top/Side Panels**	Rear Access Panel	Adjustable "Split" Rear Rackrail	Cable Chase 3" Wide*
5-8	D0-5-8	DOP-5-8	SP-5-8	-	RAP8	5AR8	5CC8
5-14	D0-5-14	DOP-5-14	SP-5-14	TSP-5-14xx	RAP14	5AR14	5CC14
5-21	D0-5-21	DOP-5-21	SP-5-21	TSP-5-21xx	RAP21	5AR21	5CC21
5-29	D0-5-29	DOP-5-29	SP-5-29	TSP-5-29xx	RAP29	5AR29	5CC29
5-37	D0-5-37	DOP-5-37	SP-5-37	TSP-5-37xx	RAP37	5AR37	5CC37
5-43	D0-5-43	DOP-5-43	SP-5-43	TSP-5-43xx	RAP43	5AR43	5CC43
5-8-26	D0-5-8	DOP-5-8	SP-5-8-26	-	RAP8	5AR8-26	5CC8-26
5-14-26	D0-5-14	DOP-5-14	SP-5-14-26	TSP-5-14-26xx	RAP14	5AR14-26	5CC14-26
5-21-26	D0-5-21	DOP-5-21	SP-5-21-26	TSP-5-21-26xx	RAP21	5AR21-26	5CC21-26
5-29-26	D0-5-29	DOP-5-29	SP-5-29-26	TSP-5-29-26xx	RAP29	5AR29-26	5CC29-26
5-37-26	D0-5-37	DOP-5-37	SP-5-37-26	TSP-5-37-26xx	RAP37	5AR37-26	5CC37-26
5-43-26	D0-5-43	DOP-5-43	SP-5-43-26	TSP-5-43-26xx	RAP43	5AR43-26	5CC43-26

\*Custom width cable chases available, please call for details. \*\*\*Replace 'xx' with DS = Darkstone, GS = Graystone, PS = Pepperstone (Tops Only), SL = Slate (Sides Only) SG = Shark Gray, EA = Ebony Ash, WG = Wenge, DC = Dark Cherry, DP = Dark Pecan, AG = Aged Cherry, HM = Honey Maple, LW = Light Walnut, MP = Maple. See pg. 175 for thermolaminate finish options.



Oak Laminate

Maple

Black Wood Grain

## Laminate Racks

Featuring a maple, oak or black wood grain finish, these versatile equipment racks are offered with a variety of options for superior equipment mounting, mobility and aesthetics. Four depths are now available to accommodate larger components and all racks are easily assembled using the included hardware. 16" and 18" depth models include one set of rackrail, 22" and 28" depth models include front and rear rackrail. Most units ship via UPS and have a 200 - 250 lb. weight capacity.



EIA/TIA Compliant

Spec. #  
96-032  
for full  
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- GREENGUARD Indoor Air Quality Certified for Children and Schools (the most strict level)

RK2

RK6

RK16



## Black Wood Grain Laminate Racks

16" Deep Part #	18" Deep Part #	22" Deep Part #	28" Deep Part #	Racking Height	Overall Height	Recommended Power*
RK2	-	-	-	3-1/2" (2 space)	5"	rackmount only
RK4	-	-	-	7" (4 space)	8-1/2"	rackmount only
RK6	BRK6	-	-	10-1/2" (6 space)	12"	rackmount only
RK8	BRK8	BRK8-22	-	14" (8 space)	15-1/2"	rackmount only
RK10	BRK10	-	-	17-1/2" (10 space)	19"	rackmount only
RK12	BRK12	BRK12-22	BRK12-28	21" (12 space)	22-1/2"	<b>C</b>
RK14	BRK14	-	-	24-1/2" (14 space)	26"	<b>C</b>
RK16	BRK16	BRK16-22	BRK16-28	28" (16 space)	29-1/2"	<b>C</b>
RK20	BRK20	BRK20-22*	BRK20-28*	35" (20 space)	36-1/2"	<b>C E</b>
-	-	BRK28-22*	BRK28-28*	49" (28 space)	50-1/2"	<b>C E G J</b>

\*for more info refer to pgs. 96-117 \*too large for UPS shipment

## Oak Laminate Racks



OBRK8

18" Deep Part #	Racking Height	Overall Height	Recommended Power*
OBRK8	14" (8 space)	15-1/2"	rackmount only
OBRK12	21" (12 space)	22-1/2"	<b>C</b>
OBRK16	28" (16 space)	29-1/2"	<b>C</b>
OBRK20	35" (20 space)	36-1/2"	<b>C E</b>

\*for more info refer to pgs. 96-117

## Maple Laminate Racks



MBRK20

18" Deep Part #	22" Deep Part #	28" Deep Part #	Racking Height	Overall Height	Recommended Power
MBRK8	MBRK8-22	-	14" (8 space)	15-1/2"	rackmount only
MBRK12	MBRK12-22	MBRK12-28	21" (12 space)	22-1/2"	<b>C</b>
MBRK16	MBRK16-22	MBRK16-28	28" (16 space)	29-1/2"	<b>C</b>
MBRK20	MBRK20-22*	MBRK20-28*	35" (20 space)	36-1/2"	<b>C E</b>
-	MBRK28-22*	MBRK28-28*	49" (28 space)	50-1/2"	<b>C E G J</b>

\*for more info refer to pgs. 96-117 \*too large for UPS shipment

# Laminate Rack Options

## Smoked Tempered Glass Door

Attractive smoked tempered glass door available for BRK, OBRK and MBRK Series racks. Addition of door requires front rails to be recessed, reducing the useable depth of the rack by 2".

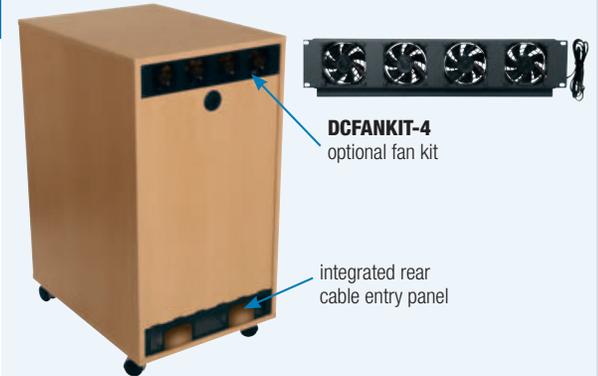
Part #	Racking Height	Part #	Racking Height
RK-GD6	10-1/2" (6 space)	RK-GD14	24-1/2" (14 space)
RK-GD8	14" (8 space)	RK-GD16	28" (16 space)
RK-GD10	17-1/2" (10 space)	RK-GD20	35" (20 space)
RK-GD12	21" (12 space)	RK-GD28	49" (28 space)



## Rear Access Panel

Locking/latching rear access panel tips out for easy access and provides cooling, cable entry and security. Works with BRK and MBRK racks 22" or 28" deep. Rear access panel includes a 2 space top vented panel and a 2 space cable management panel.

Black Finish Part #	Maple Part #	Racking Height
RK-RAP8	RK-RAP8-MP	14" (8 space)
RK-RAP12	RK-RAP12-MP	21" (12 space)
RK-RAP16	RK-RAP16-MP	28" (16 space)
RK-RAP20	RK-RAP20-MP	35" (20 space)
RK-RAP28	RK-RAP28-MP	49" (28 space)



## Fan Kit with Energy Saving Thermostatic Control

Energy saving thermostatic control for laminate racks extends life and reduces dust buildup. Fits BRK, MBRK Series 22" or deeper. Fans mount in the top of the rear access panel.

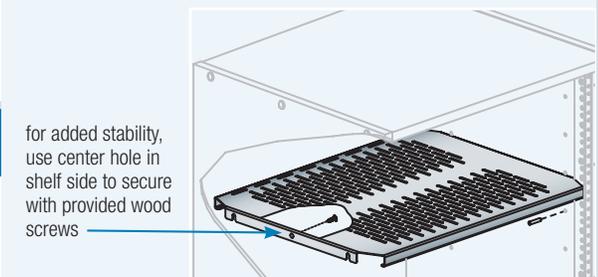
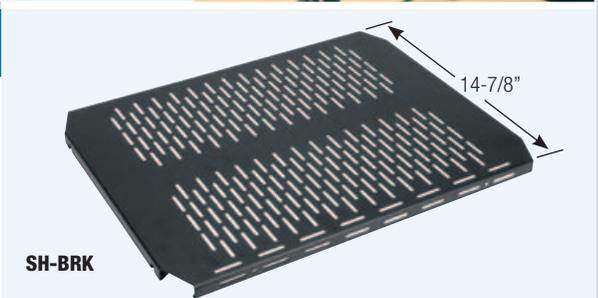
Part #	Description
DCFANKIT-4	100 CFM fan kit, mounts in top of the rear access panel



## Quick Position Shelf

Convenient pin-mount shelves speed installation and allow for simplified mounting of rackmount and non-rackmount components in 18" deep BRK/OBRK Series racks. Engineered ventilation slots maximize airflow while cable management slots simplify wiring. Mounts in 2-1/2" increments and accepts **C** power strips. Constructed from 16-gauge steel, includes mounting hardware and is finished in a durable black powder coat.

Part #	Description	Fits	Qty
SH-BRK	Quick Position™ shelf	BRK, OBRK, MBRK 18" deep	1
SH-BRK-3P	Quick Position™ shelf	BRK, OBRK, MBRK 18" deep	3



## Rear Rackrail Kits

Part #	Description
RK-RRx	rear rackrail (x=number of rackspace)

## Caster Kits (includes hardware)

Part #	Description
RKW	Wheel Kit – 2 locking, 2 non-locking (adds 2 3/4" to height), 150 lb. weight capacity
RKW-HD	Heavy Duty Wheel kit – 2 locking, 2 non-locking (adds 3" to height), 250 lb. weight capacity





# Sloped Equipment Racks



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Spec. #  
96-032  
for full  
product  
info.



SRK

20-3/8" 16"

## SRK Series Sloped Rolling Equipment Rack

Standing 54-5/8" high and measuring 16" deep, the SRK rolling rack houses 16 vertical spaces on the bottom and 12 spaces on its 25° sloped top. Built using 5/8" furniture-grade MDF board finished with an enhanced black wood grain finish, each unit includes pre-installed heavy-gauge 10-32 threaded front rackrail and casters. Assembly is easy with supplied hardware. For rear rackrail please see pg. 168.

- GREENGUARD Indoor Air Quality Certified for Children and Schools (the most strict level)

Part #	Weight Capacity	Recommended Power•
SRK	200 lbs.	<b>C E</b>

•for more info refer to pgs. 96-117

Sloped Equipment Racks

EIA/TIA Compliant



OSR24

20-5/8"

## OSR Series Sloped Oak Laminate Rolling Equipment Racks

OSR Series racks feature a gently sloped 5° rack face to facilitate equipment viewing. Utilizing the same attractive 3/4" oak laminate construction found on the OBRK series, each OSR Series rack additionally features casters to enhance mobility. Factory-installed heavy-gauge, 10-32 threaded front rackrail is standard. For rear rackrail please see pg. 168.

- GREENGUARD Indoor Air Quality Certified for Children and Schools (the most strict level)

Part #	Racking Height	Depth at Top	Depth at Bottom	Overall Height	Weight Capacity	Recommended Power•
OSR16	28" (16 space)	19-1/2"	23"	36-1/2"	200 lbs.	<b>C</b>
OSR24	42" (24 space)	19-1/2"	23"	50-1/2"	200 lbs.	<b>C E G J</b>

•for more info refer to pgs. 96-117

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DR-12

## Desktop Rail Racks

Quickly and inexpensively organize desktop processing and test equipment with our DR Series desktop rail racks. Offered in 8 and 12 space sizes, both models extend upward at a gentle slope. Overall width is 19-1/8", depth is 11-1/2".

- GREENGUARD Indoor Air Quality Certified for Children and Schools (the most strict level)

Part #	Racking Height	Overall Height	Weight Capacity
DR-8	14" (8 space)	16-1/16"	75 lbs.
DR-12	21" (12 space)	23"	75 lbs.



# Desktop Racks

## DTRK Series Desktop Rack

**NEW!**

UL LISTED EIA/TIA Compliant GREENGUARD Indoor Air Quality Certified

This new compact rack series provides a rackmounting solution for desktop installations and also great for under desk applications. Available options include vented and plexi front doors, and a brush grommet rear access panel for simple and clean cable entry routing. Another option is the LL-DTRK adapter kit, which enables the use of certain 21" vertical LeverLock™ accessories (channels and angles only – not compatible with mounting plates). These are part of the patent-pending LeverLock™ tool free internal management system. For more on the LeverLock system, please see pg. 10. Runner kit option 5-RS20 is also available, see pg. 51.

- Static load capacity - 1,200 lbs.
- UL Listed in US and Canada. UL Listed load capacity - 300 lbs.
- GREENGUARD Indoor Air Quality Certified for Children and Schools (the most strict level)



DT-PVFD-14 DT-RAP14 LeverLock™ requires optional LL-DTRK Kit



DTRK-1418

Part #	Racking Height	Overall Height	Useable Depth	Overall Depth	Overall Width	Vented Front Door	Plexi/Vented Front Door	Solid Rear Access Panel w/ Brush Cable Entry	LL-DTRK Allows Vertical LeverLock™ Height	Commercial Grade Casters
DTRK-718	12-1/4" (7 space)	14-1/8"	18-1/2"	19-1/2"	21-3/8"	DT-VFD-7	DT-PVFD-7	DT-RAP7	—	DTRK-W
DTRK-1018	17-1/2" (10 space)	19-3/8"	18-1/2"	19-1/2"	21-3/8"	DT-VFD-10	DT-PVFD-10	DT-RAP10	21"	DTRK-W
DTRK-1218	21" (12 space)	22-7/8"	18-1/2"	19-1/2"	21-3/8"	DT-VFD-12	DT-PVFD-12	DT-RAP12	21"	DTRK-W
DTRK-1418	24-1/2" (14 space)	26-3/8"	18-1/2"	19-1/2"	21-3/8"	DT-VFD-14	DT-PVFD-14	DT-RAP14	21"	DTRK-W
DTRK-1818	31-1/2" (18 space)	33-3/8"	18-1/2"	19-1/2"	21-3/8"	DT-VFD-18	DT-PVFD-18	DT-RAP18	21"	DTRK-W

•for more info refer to pgs. 96-117

## Slim 2 Series Sloped Desktop Racks

The 2-10 rack ships fully assembled and incorporates a sturdy black steel open frame and removable black laminate side panels. Featuring a sloping rack face for easy equipment viewing, this frame can be easily joined, with the open sides and bottom allowing for quick wire passage. Front and rear heavy-gauge, 10-32 threaded rackrail is standard.

- GREENGUARD Indoor Air Quality Certified for Children and Schools (the most strict level)

Part #	Racking Height	Top Depth	Bottom Depth	Overall Height
2-10	17-1/2" (10 space)	14-1/8"	18"	19-3/8"

### Ready-To-Assemble Black Laminate - Ships Flat!

SLIM-2M racks assemble quickly and easily with provided hardware. Constructed with 5/8" thick furniture-grade MDF board, these black laminate racks are available in 6 or 10 space sizes and feature a sloping rack face for easy equipment viewing. Front and rear heavy-gauge, 10-32 threaded rackrail is standard.

- GREENGUARD Indoor Air Quality Certified for Children and Schools (the most strict level)

Part #	Racking Height	Top Depth	Bottom Depth	Overall Height
2-6M	10-1/2" (6 space)	15-7/8"	17-7/8"	12-3/4"
2-10M	17-1/2" (10 space)	14-3/4"	17-7/8"	19-5/8"

Spec. # 96-036 for full product info. EIA/TIA Compliant RoHS GREENGUARD



2-10 shown with sides removed



2-10 shown with sides installed



2-10M





# ISRK Series Under Desk/Mobile Presentation Rack



## ISRK Series sloped rack features scuff resistant Glide-Away™ front door.

For use in all applications where an under desk or mobile presentation rack is required, including control desk, mixing, testing, and recording desks.

### Structural Features

- Rolls under all standard height desks
- 15° slope provides an ergonomic viewing angle when used under-desk
- Scuff resistant Glide-Away™ front door easily hides away, and requires minimal clearance in cramped environments
- Features 12 useable rackspace, front and rear, to ensure all useable space is accessible
- Knockouts on face of rack accept RPS Series remote power switch and low-voltage Decora® style switches or devices
- Secure, locking front door and full height locking rear door, both are easily removable
- Durable, aesthetically pleasing granite gray finish
- Up to 21-3/4" useable depth

### Thermal Management

- Designed for effective passive thermal management

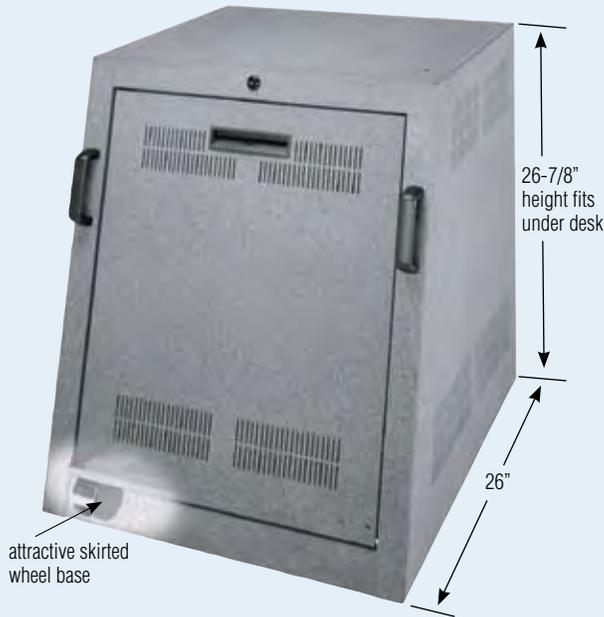
### Cable Management

- Abundant internal cable lacing points facilitate cable management
- Removable electrical knockout panels for ease of cable entry/exit

### Regulatory / Certifications

- Robust 200 lb. weight capacity
- UL Listed in the US and Canada
- GREENGUARD Indoor Air Quality Certified for Children and Schools (the most strict level)

Part #	Description	Overall Height
ISRK-12GY	12 rackspace under desk/mobile presentation rack	26-7/8" (including casters)
WS1-ISRK-21G	ISRK work surface, graphite finish	adds 1-1/8"
MMB1X1*	single LCD mount, articulating, black finish	-
<b>*28 lb. weight capacity</b>		



ISRK-12GY

shown with optional work surface and LCD mount



shown open with Glide-Away™ door stowed in bottom recess



shown with door extended



# Portable Racks

## Specify a PTRK when a rugged, portable rack is essential.

Smooth rolling 4" casters, advanced cable management and secure doors make this rack ideal for serving a variety of applications.

### Structural Features

- Standard front adjustable heavy-gauge, 10-32 threaded rackrail with smooth laser cut cable openings & numbered rackspace increments speed equipment mounting
- Fully welded steel construction for strength
- Heavy-duty commercial grade locking casters and spring-loaded recessed side handles facilitate rack transport
- Keylocked front and rear doors standard for advanced security
- Finished in a durable black textured powder coat
- Also available with graphite-marbled laminate top and plexi front door

### Thermal Management

- Side panels are vented for passive thermal management
- Laser knockouts on rear door for fans (KO-AWFP2)

### Cable Management

- Slots incorporated into bottom of rack for cable strain relief and mounting of boxes

### Regulatory / Certifications

- 500 lb. weight capacity
- Enhanced stud in base of rack facilitates proper grounding and bonding of electronic equipment, as per NEBS and NEC standards
- GREENGUARD Indoor Air Quality Certified for Children and Schools (the most strict level)

Part #	Racking Height	Overall Height Including Casters	Useable Depth	Recommended Vertical Power Strip
PTRK-14	24-1/2" (14 space)	33-3/4"	21-1/2"	<b>C</b>
PTRK-14MDK**	24-1/2" (14 space)	34-3/4"	21-1/2"	<b>C</b>
PTRK-21	36-3/4" (21 space)	46"	21-1/2"	<b>E G</b>
PTRK-21MDK**	36-3/4" (21 space)	47"	21-1/2"	<b>E G</b>
PTRK-1426	24-1/2" (14 space)	33-3/4"	24-1/2"	<b>C</b>
PTRK-1426MDK**	24-1/2" (14 space)	34-3/4"	24-1/2"	<b>C</b>
PTRK-2126	36-3/4" (21 space)	46"	24-1/2"	<b>E G</b>
PTRK-2126MDK**	36-3/4" (21 space)	47"	24-1/2"	<b>E G</b>
PTRK-2726	47-1/4" (27 space)	56-1/2"	24-1/2"	<b>E G</b>
PTRK-2726MDK**	47-1/4" (27 space)	57-1/2"	24-1/2"	<b>E G</b>

**\*\*Includes graphite laminate top and plexi front door** **pg. 96-117**

Spec. #  
**96-154**  
for full  
product  
info.

EIA/TIA Compliant



**PTRK-21**  
with optional  
solid front door



**PTRK-21MDK**  
with optional LCD mount  
MMB1X1 (see pg. 93 for details)

casters

## WRK-24MDK Presentation Enclosure System

WRK-24MDK studio enclosure system combines furniture elegance with a robust rolling steel enclosure in a deep video rack.

Incorporating an attractive graphite-marbled laminate top that can accommodate video monitors, the WRK-24MDK comes with a skirted wheel-base, latching front plexi door, latching vented rear door, and front and rear rackrail.

- GREENGUARD Indoor Air Quality Certified for Children and Schools (the most strict level)

Part #	Description
WRK-24MDK	42" (24 space) x 32" deep presentation enclosure system
MMB1X1*	single LCD mount, articulating, black finish

**\*28 lb. weight capacity**

Spec. #  
**96-052SA**  
for full  
product  
info.

EIA/TIA Compliant



**WRK-24MDK**

50"

32-1/2"

24-1/4"

attractive skirted  
wheel base



# SR Series Pivoting Rack



EIA/TIA Compliant



Spec. #  
96-045B  
for full  
product  
info.

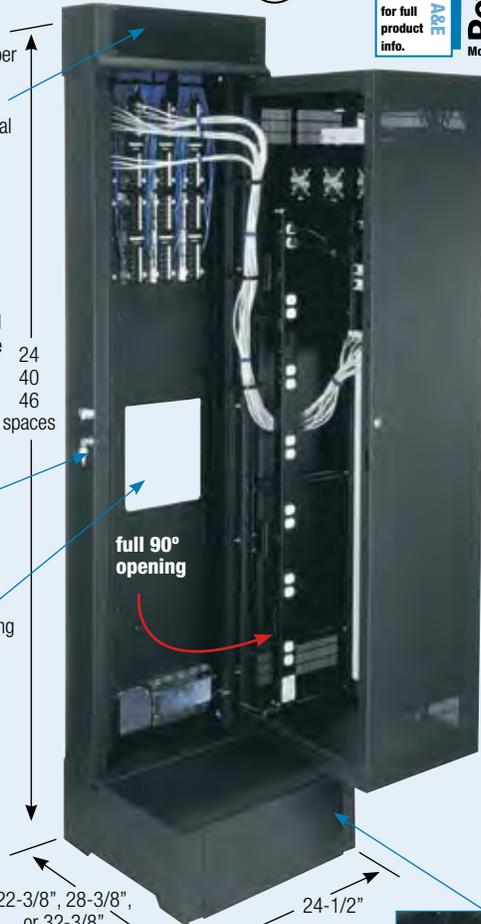


wire chamber features 3 rackspace for additional equipment

includes keylock and padlockable draw latch for security

keyed differently from front door

backpan features a large opening for cable passage



full 90° opening

**SR-40-22**  
shown with optional **SR-SUB** (subplate mounting kit) which mounts up to (4) 89-D type brackets

4 rackspace removable panel can be used to mount additional equipment (UPS not included)

22-3/8", 28-3/8", or 32-3/8"

24-1/2"

The SR Series was designed to provide a unique blend of the advantages of a floor-standing rack with those of a wall mounted cabinet.

The result is a unique tall wall rack that pivots open 90° on a floor base to provide access to rear equipment connections.

Specify an SR Series enclosure for heavier installations that will connect to on-wall cabling or pull boxes, and when easy access to rear equipment connections is essential.

## Structural Features

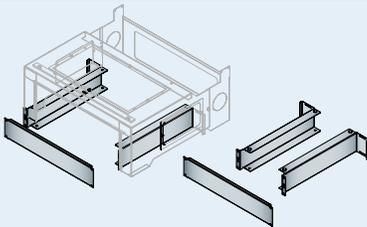
- Patented Tool Free Quick-Mount™ system for easy mounting of the center section to the backpan on the jobsite
- Pivots 90° on floor base for access to rear equipment connections
- Standard adjustable front heavy-gauge, 10-32 threaded rackrail with numbered rackspace increments speeds equipment mounting
- "Bonus" 4 rackspace in base is ideal for mounting a UPS or other equipment
- Finished in a durable black textured powder coat

## Regulatory / Certifications

- Grounding/bonding stud in top and bottom of center section and backpan facilitates proper grounding and bonding of electronic equipment, as per NEBS and NEC standards
- 500 lb. weight capacity
- UL Listed in the US and Canada
- Seismic certified to the following codes and standards: 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 – Zone 4 or Seismic Design Category (SDC) "D". These are designed for Mission Critical and/or High-Importance Installations in locations with the highest level of seismicity and top floor or rooftop installations including those within UBC and CBC Essential facilities or IBC, ASCE 7, and NFPA 5000 Seismic Use Group III facilities. For all codes, the Importance factor  $I_p$  is 1.5. Seismic Certified load capacity of 335 lbs. when used with DWRSR-ZL Latch.
- GREENGUARD Indoor Air Quality Certified for Children and Schools (the most strict level)

SR Series Pivoting Rack

### SR-UPS



Mounting kit supports Middle Atlantic UPS models for easier mounting in SR base section.



HOT TIP!

### Mounting Power Products in SR

Mount slim power strips in rear channel of center section to power equipment without wasting any valuable rackspace, or useable depth.

SR Size	Power Strip	Qty
24 space	PD-815SC, PD-815SC-NS	1 or 2
40-46 space	PD-2415SC, PD-2415SC-NS, PD-2420SC-NS	1

### Power Distribution



### PD-2415SC-NS/PD-2420SC-NS

24 outlet power strip mounts in center section rear channel of 40 and 46 space SRs, PD-815SC for 24 space SRs to save space.

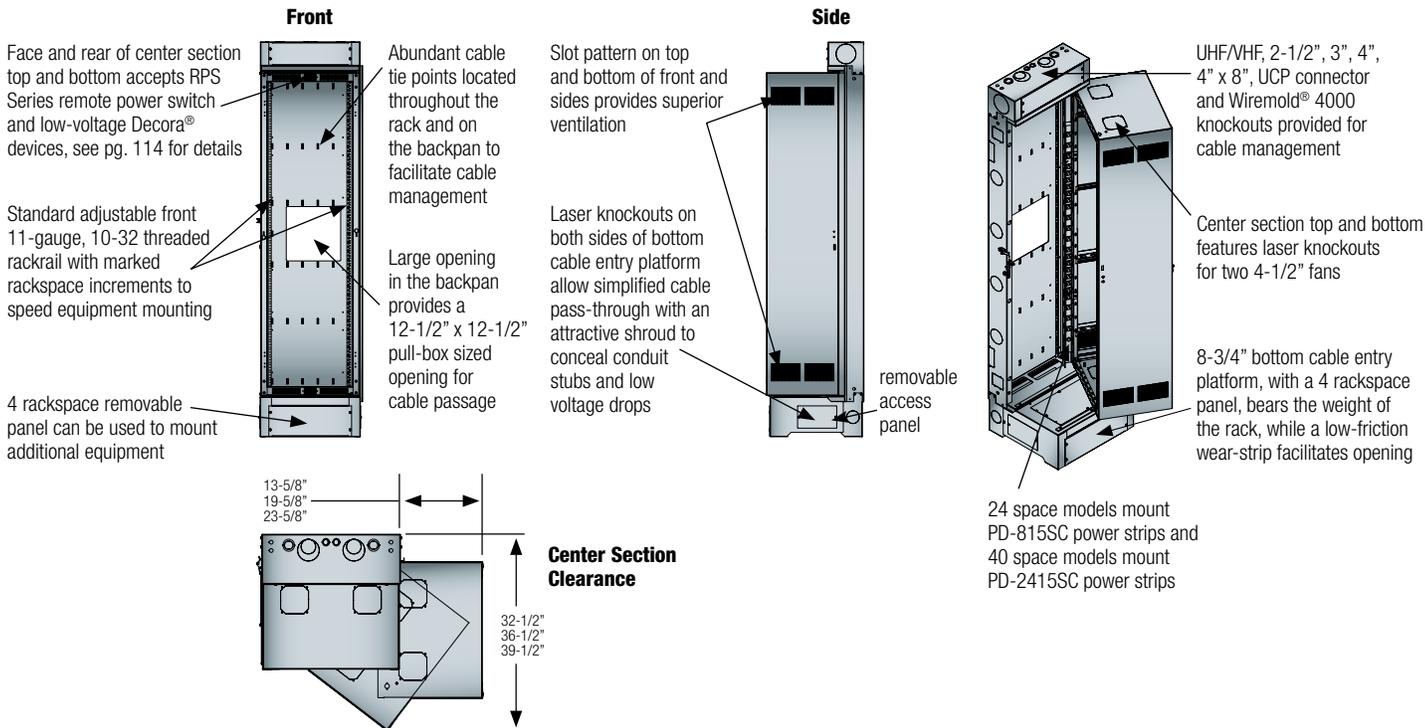
Part #	Racking Height	Overall Height	Useable Depth	Overall Depth	Overall Width	Weight Capacity	Recommended Power*
SR-24-28	42" (24 space)	62-3/4"	26"	28-3/8"	24-1/2"	500 lbs.	C E G J
SR-24-32	42" (24 space)	62-3/4"	30"	32-3/8"	24-1/2"	500 lbs.	C E G J
SR-40-22	70" (40 space)	90-3/4"	20"	22-3/8"	24-1/2"	500 lbs.	N P T
SR-40-28	70" (40 space)	90-3/4"	26"	28-3/8"	24-1/2"	500 lbs.	N P T
SR-40-32	70" (40 space)	90-3/4"	30"	32-3/8"	24-1/2"	500 lbs.	N P T
SR-46-28	80-1/2" (46 space)	101-1/4"	26"	28-3/8"	24-1/2"	500 lbs.	N P T V

•for more info refer to pgs. 96-117



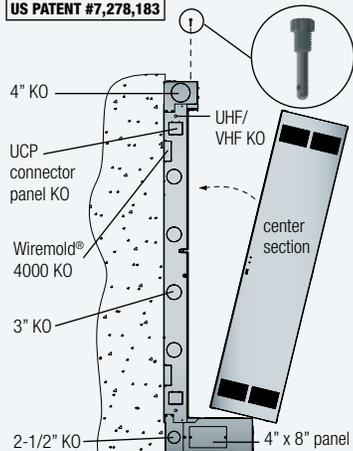


# SR Series Pivoting Rack



## Tool Free Quick-Mount™ System

US PATENT #7,278,183



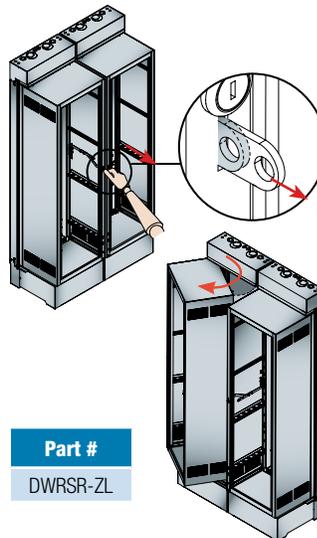
## Easy Access Option

US PATENT #7,188,570

### Minimum Clearance Latch

Front mounted latch saves valuable wall space by allowing wall racks to be placed side by side within 1/2" of a corner, or wherever side clearance is an issue. To open, simply pull the convenient front-mounted handle. Unlike time-consuming threaded rods, this unique latch provides keylocked security from the front (keyed differently from optional front door). Easy to install; required for seismic installations.

**Available only from Middle Atlantic Products!**

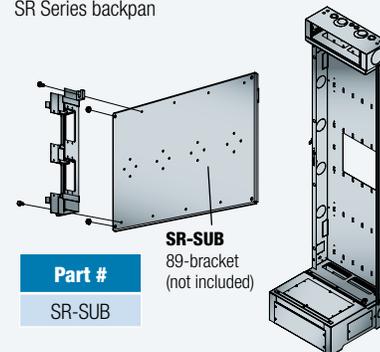


Part #

DWRSR-ZL

## Sub-Plate Mounting Kit

Optional sub-plate mounting kit (SR-SUB) allows for the mounting of up to (4) 89-D type brackets, (4) 1900 boxes or (1) Raco 3 gang box. Mount up to (4) SR-SUB's to each 40 or 46 space SR Series backpan, and up to (2) in each 24 space SR Series backpan



Complete your Rack System with the following options and accessories:



**Power Distribution**  
pgs. 96-117



**Thermal Management**  
pgs. 118-129



**Cable Management**  
pgs. 130-143



**Rack Accessories**  
pgs. 144-169

**Rack Options:** The options listed below are the most widely used accessories for this series of enclosure but is not inclusive of all available items. For additional options and/or more information on the items listed below reference the Enclosure Options section of the catalog.

Part #	Front Doors				Additional 10-32 Threaded Rackrail
	Solid	Plexi	25% Open Area Perf	64% Open Area Perf	
SR-24-28	FD-24	PFD-24	VFD-24	LVFD-24	DWR-RR24
SR-24-32	FD-24	PFD-24	VFD-24	LVFD-24	DWR-RR24
SR-40-22	FD-40	PFD-40	VFD-40	LVFD-40	DWR-RR40
SR-40-28	FD-40	PFD-40	VFD-40	LVFD-40	DWR-RR40
SR-40-32	FD-40	PFD-40	VFD-40	LVFD-40	DWR-RR40
SR-46-28	FD-46	PFD-46	VFD-46	-	DWR-RR46

for more info refer to pgs. 32-37



# DWR Series Wall Cabinet



US PATENT #7,278,183

EIA/TIA Compliant



Spec. #  
96-045  
for full  
product  
info.



**Specify a DWR wall cabinet to provide easy rear access while keeping floor areas clear.**

**This pivoting, sectional wall cabinet is ideal for systems in both secured and non-secured areas. Most versatile wall rack available!!**

## Structural Features

- Patented Tool Free Quick-Mount™ system for easy mounting of the center section to the backpan on the jobsite
- Reversible padlockable center section is keyed differently from optional front door for security
- Unique dual pivot allows reversal of center section opening direction without disassembly!
- Designed for choice of active or passive cooling
- Finished in a durable black textured powder coat

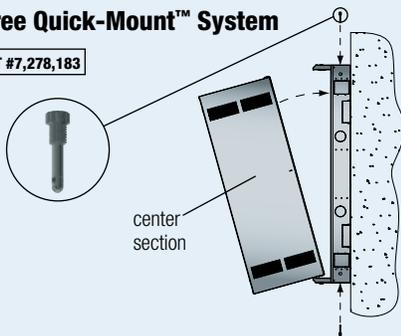
## Regulatory / Certifications

- Welded construction: up to a 300 lb. weight capacity, depending on model
- Grounding/bonding stud in top and bottom of center section and backpan facilitates proper grounding & bonding of electronic equipment, as per NEBS & NEC standards
- UL Listed in the US and Canada
- Seismic certified to the following codes and standards: 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 – Zone 4 or Seismic Design Category (SDC) “D”. These are designed for Mission Critical and/or High-Importance Installations in locations with the highest level of seismicity and top floor or rooftop installations including those within UBC and CBC Essential facilities or IBC, ASCE 7, and NFPA 5000 Seismic Use Group III facilities. For all codes, the Importance factor (Ip) is 1.5. Seismic Certified load capacity of 140 lbs. when used with DWRSR-ZL Latch.
- GREENGUARD Indoor Air Quality Certified for Children and Schools (the most strict level)

DWR-18-22

## Tool Free Quick-Mount™ System

US PATENT #7,278,183



DWR Series Wall Cabinet

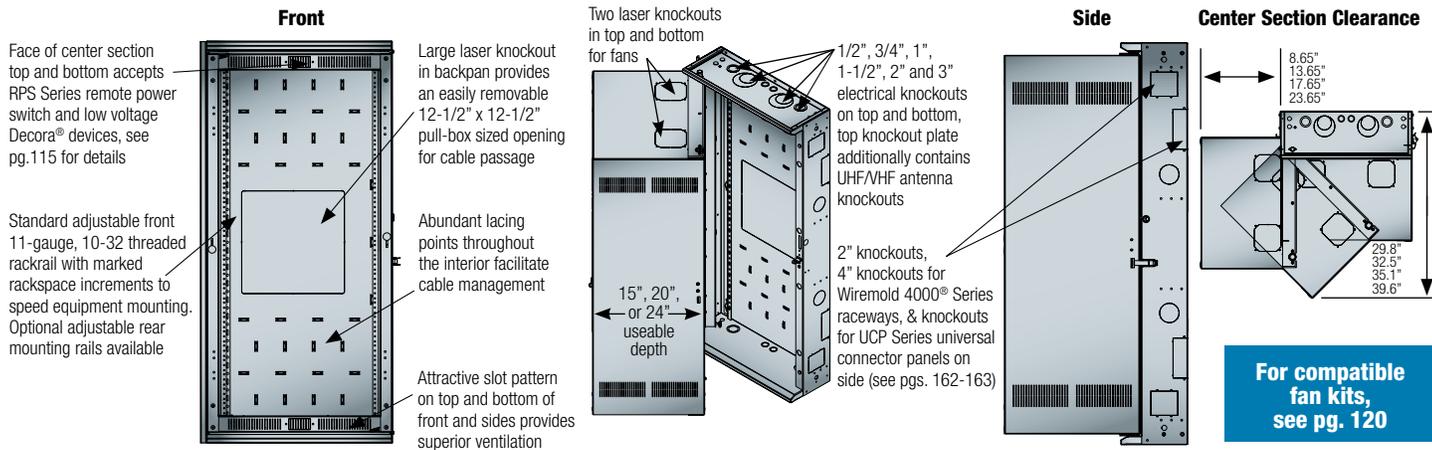
Part #	Fully Assembled with Plexi Front Door Part #*	Racking Height	Overall Height	Useable Depth	Overall Depth	Overall Width*	Weight Capacity	Recommended Power•
DWR-10-17	DWR-10-17PD	17-1/2" (10 space)	24-1/2"	15"	17"	23-1/2"	200 lbs.	C
DWR-10-22	DWR-10-22PD	17-1/2" (10 space)	24-1/2"	20"	22"	23-1/2"	200 lbs.	C
DWR-12-17	DWR-12-17PD	21" (12 space)	28"	15"	17"	23-1/2"	200 lbs.	C
DWR-12-22	DWR-12-22PD	21" (12 space)	28"	20"	22"	23-1/2"	200 lbs.	C
DWR-12-26	DWR-12-26PD	21" (12 space)	28"	24"	26"	23-1/2"	200 lbs.	C
DWR-12-32	-	21" (12 space)	28"	30"	32"	23-1/2"	200 lbs.	C
DWR-16-17	DWR-16-17PD	28" (16 space)	35"	15"	17"	23-1/2"	200 lbs.	C
DWR-16-22	DWR-16-22PD	28" (16 space)	35"	20"	22"	23-1/2"	200 lbs.	C
DWR-18-17	DWR-18-17PD	31-1/2" (18 space)	38-1/2"	15"	17"	23-1/2"	250 lbs.	C E
DWR-18-22	DWR-18-22PD	31-1/2" (18 space)	38-1/2"	20"	22"	23-1/2"	250 lbs.	C E
DWR-18-26	DWR-18-26PD	31-1/2" (18 space)	38-1/2"	24"	26"	23-1/2"	250 lbs.	C E
DWR-18-32	-	31-1/2" (18 space)	38-1/2"	30"	32"	23-1/2"	250 lbs.	C E
DWR-21-17	DWR-21-17PD	36-3/4" (21 space)	43-3/4"	15"	17"	23-1/2"	250 lbs.	C E G
DWR-21-22	DWR-21-22PD	36-3/4" (21 space)	43-3/4"	20"	22"	23-1/2"	250 lbs.	C E G
DWR-24-17	DWR-24-17PD	42" (24 space)	49"	15"	17"	23-1/2"	300 lbs.	C E G J
DWR-24-22	DWR-24-22PD	42" (24 space)	49"	20"	22"	23-1/2"	300 lbs.	C E G J
DWR-24-26	DWR-24-26PD	42" (24 space)	49"	24"	26"	23-1/2"	300 lbs.	C E G J
DWR-24-32	-	42" (24 space)	49"	30"	32"	23-1/2"	300 lbs.	C E G J
DWR-35-17	-	61-1/4" (35 space)	68-1/4"	15"	17"	23-1/2"	300 lbs.	C G J N
DWR-35-22	DWR-35-22PD	61-1/4" (35 space)	68-1/4"	20"	22"	23-1/2"	300 lbs.	C G J N
DWR-35-26	DWR-35-26PD	61-1/4" (35 space)	68-1/4"	24"	26"	23-1/2"	300 lbs.	C G J N

**C** Models mount in backpan or rear channel, all other models require PB-DWR. 35 space DWRs mount PD-2415SC in rear channel.

\*Not including latch. •for more info refer to pgs. 96-117



# DWR Series Wall Cabinet



## Mounting Power Products in DWR

Mount slim power strips in rear channel of center section to power equipment without wasting any valuable rackspace, or useable depth.



Size	Power Strip	Qty
10-18 space	PD-815SC, PD-815SC-NS	1
21, 24 space	PD-815SC, PD-815SC-NS	1 or 2
35 space	PD-2415SC, PD-2415SC-NS, PD-2420SC-NS	1

## Cover Plate

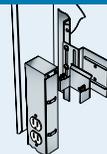


### DWR-CVR

optional cover plate/shelf kit available

## Mounting Method

**PB-DWR** required for mounting PD Series and MPR power strips vertically in backpan

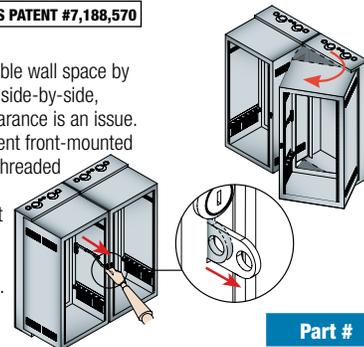


## Easy Access Option US PATENT #7,188,570

### Minimum Clearance Latch

Front mounted latch saves valuable wall space by allowing wall racks to be placed side-by-side, in a corner, or wherever side clearance is an issue. To open, simply pull the convenient front-mounted handle. Unlike time-consuming threaded rods, this unique latch provides keyed security from the front (keyed differently from optional front door). Easy to install; required for seismic installations.

**Available only from Middle Atlantic Products!**



### Part #

DWRSR-ZL

## Complete your Rack System with the following options and accessories:



**Power Distribution**  
pgs. 96-117



**Thermal Management**  
pgs. 118-129



**Cable Management**  
pgs. 130-143



**Rack Accessories**  
pgs. 144-169

**Rack Options:** The options listed below are the most widely used accessories for this series of enclosure but is not inclusive of all available items. For additional options and/or more information on the items listed below reference the Enclosure Options section of the catalog.

Part #	Front Doors				Exhaust Fan Kit	Additional 10-32 Threaded Rackrail
	Solid	Plexi	25% Open Area Perf	64% Open Area Perf		
DWR-10-17	FD-10	PFD-10	VFD-10	LVFD-10	DWR-FK17	DWR-RR10
DWR-10-22	FD-10	PFD-10	VFD-10	LVFD-10	DWR-FK22	DWR-RR10
DWR-12-17	FD-12	PFD-12	VFD-12	LVFD-12	DWR-FK17	DWR-RR12
DWR-12-22	FD-12	PFD-12	VFD-12	LVFD-12	DWR-FK22	DWR-RR12
DWR-12-26	FD-12	PFD-12	VFD-12	LVFD-12	DWR-FK26	DWR-RR12
DWR-12-32	FD-12	PFD-12	VFD-12	LVFD-12	DWR-FK32	DWR-RR12
DWR-16-17	FD-16	PFD-16	VFD-16	LVFD-16	DWR-FK17	DWR-RR16
DWR-16-22	FD-16	PFD-16	VFD-16	LVFD-16	DWR-FK22	DWR-RR16
DWR-18-17	FD-18	PFD-18	VFD-18	LVFD-18	DWR-FK17	DWR-RR18
DWR-18-22	FD-18	PFD-18	VFD-18	LVFD-18	DWR-FK22	DWR-RR18
DWR-18-26	FD-18	PFD-18	VFD-18	LVFD-18	DWR-FK26	DWR-RR18
DWR-18-32	FD-18	PFD-18	VFD-18	LVFD-18	DWR-FK32	DWR-RR18
DWR-21-17	FD-21	PFD-21	VFD-21	LVFD-21	DWR-FK17	DWR-RR21
DWR-21-22	FD-21	PFD-21	VFD-21	LVFD-21	DWR-FK22	DWR-RR21
DWR-24-17	FD-24	PFD-24	VFD-24	LVFD-24	DWR-FK17	DWR-RR24
DWR-24-22	FD-24	PFD-24	VFD-24	LVFD-24	DWR-FK22	DWR-RR24
DWR-24-26	FD-24	PFD-24	VFD-24	LVFD-24	DWR-FK26	DWR-RR24
DWR-24-32	FD-24	PFD-24	VFD-24	LVFD-24	DWR-FK32	DWR-RR24
DWR-35-17	FD-35	PFD-35	VFD-35	LVFD-35	DWR-FK17	DWR-RR35
DWR-35-22	FD-35	PFD-35	VFD-35	LVFD-35	DWR-FK22	DWR-RR35
DWR-35-26	FD-35	PFD-35	VFD-35	LVFD-35	DWR-FK26	DWR-RR35

for more info refer to pgs. 32-37





# EWR Series Economical Wall Cabinet



US PATENT #7,278,183

EIA/TIA Compliant



Spec. # 96-01004 for full product info.

Consider an EWR wall cabinet when installing smaller systems and an economical solution is required.

This pivoting, sectional wall cabinet provides unparalleled quality at an aggressive price and is ideal for use in both secured and nonsecured areas.



EWR-10-17SD

### Structural Features

- Fully welded construction for strength
- Patented Tool Free Quick-Mount™ system for easy attachment of the center section to the backpan on the jobsite
- Reversible padlockable center section keyed separately from optional front door
- Optimized for passive thermal management
- Finished in a durable black textured powder coat

### Regulatory / Certifications

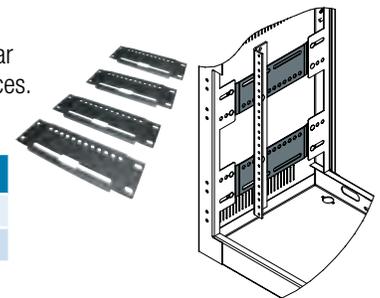
- 150 lb. weight capacity
- UL Listed in the US and Canada
- GREENGUARD Indoor Air Quality Certified for Children and Schools (the most strict level)



### Rackrail Bracket Extender

Convert the EWR to full front to rear adjustable rackrail, includes 4 pieces.

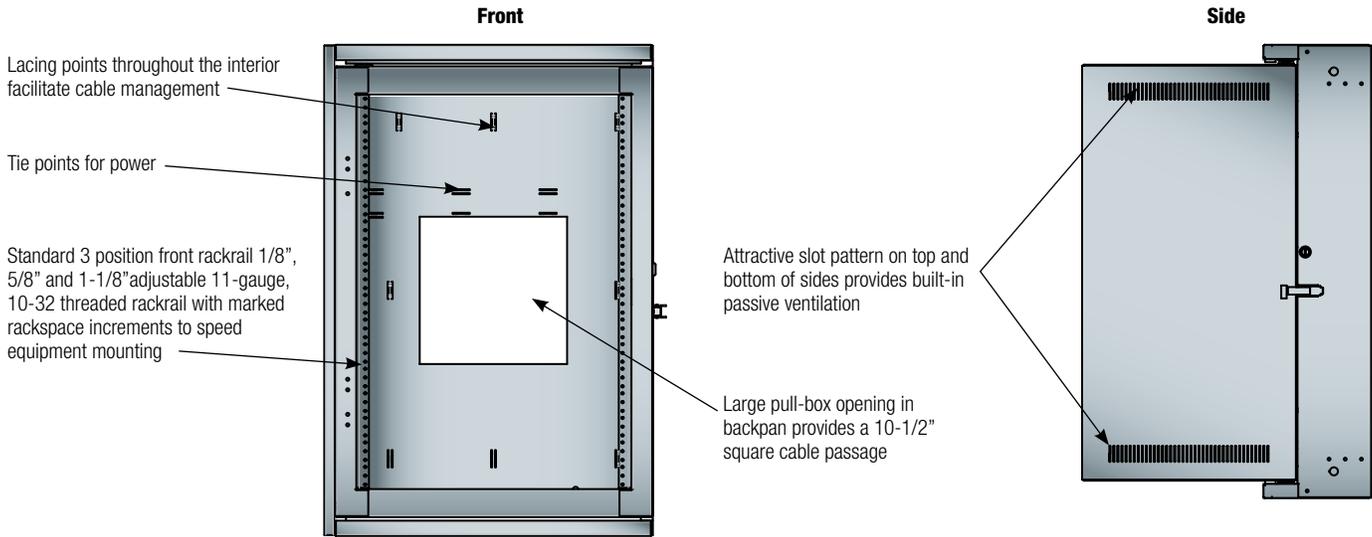
Part #	Fits
EWR-ARB-17	17" deep EWRs
EWR-ARB-22	22" deep EWRs



Part #	Fully Assembled with Solid Front Door Part #	Racking Height	Overall Height	Useable Depth	Overall Depth	Overall Width*	Weight Capacity	Recommended Power•
EWR-8-17	EWR-8-17SD	14" (8 space)	21"	15"	17-5/16"	24-11/32"	150 lbs.	<b>C</b>
EWR-8-22	EWR-8-22SD	14" (8 space)	21"	20"	22-5/16"	24-11/32"	150 lbs.	<b>C</b>
EWR-10-17	EWR-10-17SD	17-1/2" (10 space)	24-1/2"	15"	17-5/16"	24-11/32"	150 lbs.	<b>C</b>
EWR-10-22	EWR-10-22SD	17-1/2" (10 space)	24-1/2"	20"	22-5/16"	24-11/32"	150 lbs.	<b>C</b>
EWR-12-17	EWR-12-17SD	21" (12 space)	28"	15"	17-5/16"	24-11/32"	150 lbs.	<b>C</b>
EWR-12-22	EWR-12-22SD	21" (12 space)	28"	20"	22-5/16"	24-11/32"	150 lbs.	<b>C</b>
EWR-16-17	EWR-16-17SD	28" (16 space)	35"	15"	17-5/16"	24-11/32"	150 lbs.	<b>C</b>
EWR-16-22	EWR-16-22SD	28" (16 space)	35"	20"	22-5/16"	24-11/32"	150 lbs.	<b>C</b>

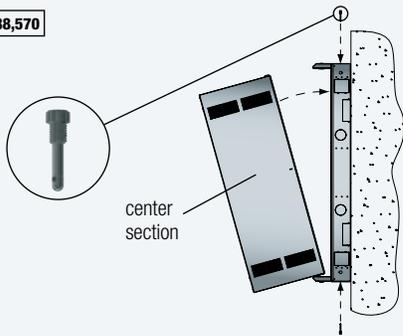
\*Not including latch. •for more info refer to pgs. 96-117



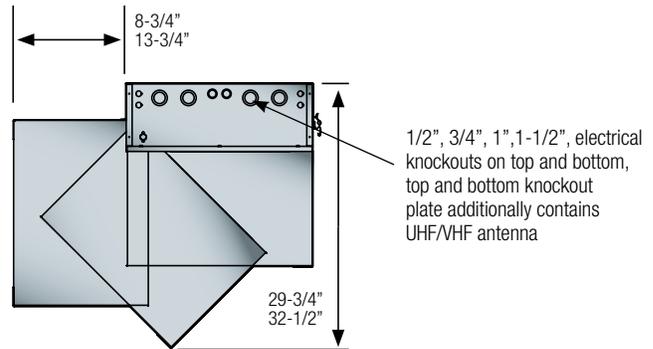


## Tool Free Quick-Mount™ System

US PATENT #7,188,570



## Center Section Clearance



Complete your Rack System with the following options and accessories:



**Power Distribution**  
pgs. 96-117



**Thermal Management**  
pgs. 118-129



**Cable Management**  
pgs. 130-143



**Rack Accessories**  
pgs. 144-169

**Rack Options:** The options listed below are the most widely used accessories for this series of enclosure but is not inclusive of all available items. For additional options and/or more information on the items listed below reference the Enclosure Options section of the catalog.

Part #	Front Doors				Additional 10-32 Threaded Rackrail
	Solid	Plexi	64% Open Area Perf	Partially Vented	
EWR-8-17	FD-8	PFD-8	LVFD-8	EVFD-8	DWR-RR8
EWR-8-22	FD-8	PFD-8	LVFD-8	EVFD-8	DWR-RR8
EWR-10-17	FD-10	PFD-10	LVFD-10	EVFD-10	DWR-RR10
EWR-10-22	FD-10	PFD-10	LVFD-10	EVFD-10	DWR-RR10
EWR-12-17	FD-12	PFD-12	LVFD-12	EVFD-12	DWR-RR12
EWR-12-22	FD-12	PFD-12	LVFD-12	EVFD-12	DWR-RR12
EWR-16-17	FD-16	PFD-16	LVFD-16	EVFD-16	DWR-RR16
EWR-16-22	FD-16	PFD-16	LVFD-16	EVFD-16	DWR-RR16

for more info refer to pgs. 32-37





Specifically designed for structured cabling, the CWR is a versatile system for mounting multiple patch panels and other voice/data equipment, where floor and wall space are at a premium.



**CWR-18-30PD**

**Structural Features**

- 26" width cabinet to allow for much needed space for patching. Comes standard with wide-face rackrail on left and right of cabinet.
- Locking swing open center section allows for easy front and rear access to equipment and cabling
- Includes an easily reversible left or right hand swing locking/latching front door for added security
- Bag of 50 mounting screws included

**Thermal Management**

- Engineered to facilitate passive thermal management – optional fan kit available when additional heat dissipation is required

**Cable Management**

- Ships with front rackrail at 4" setback position to accommodate cable managers. Also accommodates rear rackrail for rear support and cable management.
- Large opening in backpan for mounting over pull boxes, electrical outlets, etc. Large knockouts for conduit and cable entry.

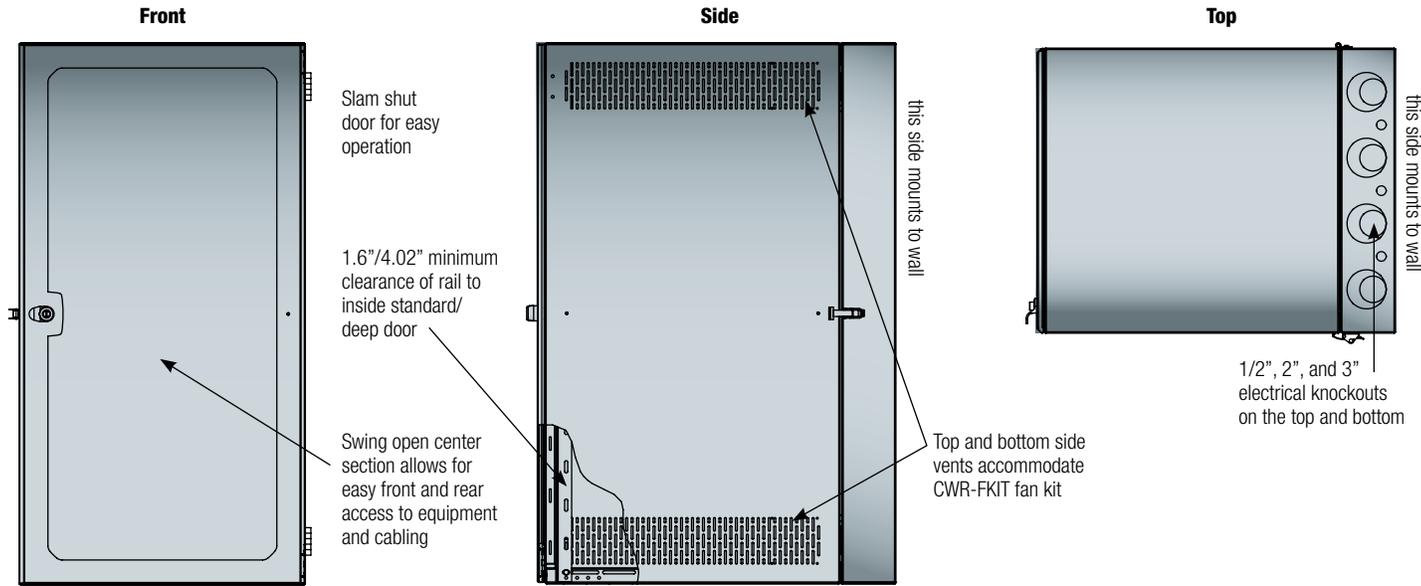
**Regulatory / Certifications**

- Welded construction provides a 200 lb. weight capacity
- UL Listed in the US and Canada
- GREENGUARD Indoor Air Quality Certified for Children and Schools (the most strict level)

Includes Plexi Door Part #	Racking Height	Overall Height	Useable Depth	Overall Depth w/o Door	Overall Width*	Weight Capacity
CWR-12-17PD	21" (12 space)	24-7/8"	15"	17"	26"	200 lbs.
CWR-12-22PD	21" (12 space)	24-7/8"	20"	22"	26"	200 lbs.
CWR-12-26PD	21" (12 space)	24-7/8"	24"	26"	26"	200 lbs.
CWR-12-32PD	21" (12 space)	24-7/8"	30"	32"	26"	200 lbs.
CWR-18-17PD	31-1/2" (18 space)	35-3/8"	15"	17"	26"	200 lbs.
CWR-18-22PD	31-1/2" (18 space)	35-3/8"	20"	22"	26"	200 lbs.
CWR-18-26PD	31-1/2" (18 space)	35-3/8"	24"	26"	26"	200 lbs.
CWR-18-32PD	31-1/2" (18 space)	35-3/8"	30"	32"	26"	200 lbs.
CWR-26-17PD	45-1/2" (26 space)	49-3/8"	15"	17"	26"	200 lbs.
CWR-26-22PD	45-1/2" (26 space)	49-3/8"	20"	22"	26"	200 lbs.
CWR-26-26PD	45-1/2" (26 space)	49-3/8"	24"	26"	26"	200 lbs.
CWR-26-32PD	45-1/2" (26 space)	49-3/8"	30"	32"	26"	200 lbs.

\*Not including latch.





## Rail Kits

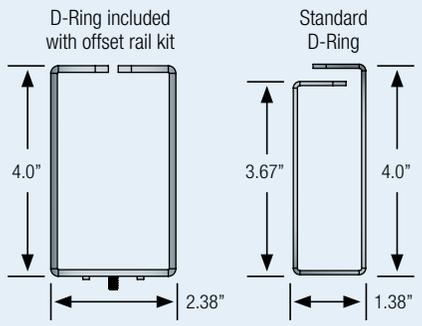


Part #	Description
CWR-RR12	rear rail kit, 12 space, centered for CWR Series
CWR-RR18	rear rail kit, 18 space, centered for CWR Series
CWR-RR26	rear rail kit, 26 space, centered for CWR Series
CWR-OFRR12*	12 space off-set rail kit w/ D-Rings for CWR Series
CWR-OFRR18*	18 space off-set rail kit w/ D-Rings for CWR Series
CWR-OFRR26*	26 space off-set rail kit w/ D-Rings for CWR Series

\*Allows 19" EIA mounting width to be shifted to the left or right of the 26" width CWR enclosure to allow for large cable bundles on one side



## D-Ring Managers



CWR Racks and offset rail kits come with D-Ring managers for additional Cable management

12 space = 4 D-Rings  
18 space = 6 D-Rings  
26 space = 8 D-Rings

## Fan Kits



Part #	Description
CWR-FKIT	fan kit, 2 (95CFM) fans w/ hardware

Fan kit includes 2 fans and displaces 95 CFM of free air

### Complete your Rack System with the following options and accessories:



**Power Distribution**  
pgs. 96-117



**Thermal Management**  
pgs. 118-129



**Cable Management**  
pgs. 130-143



**Rack Accessories**  
pgs. 144-169





# SWR Series Shallow Wall Rack and SBX Series Wall Mount Cabinet



EIA/TIA Compliant

Spec. #  
96-01139  
for full  
product  
info.

ABE

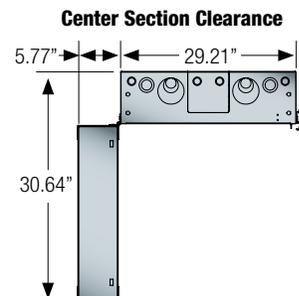
**NEW!**

## SWR Series Shallow Wall Rack

SWR Series shallow sectional wall racks are ideal for wall mounting interconnect panels in stage and performing arts, house of worship, and broadcast applications.

The shallow front section includes adjustable rackrail for mounting 19" connector panels and shallow shelves, while the generous 7" deep backpan features conduit entry LKO's top and bottom. This versatile shallow wall rack does double duty as both a connector panel and a generous pull-box that swings the connector panels out of the way during cable pulling. Hinge on left and right allows for mounting side by side and also allows for mounting of non-hinge side to be close to the wall or corner. Available in two racking heights, accepts universal solid, vented, or plexi front doors (see pg. 34).

- Draw latch can be mounted top and bottom to allow mounting cabinets side-by-side
- GREENGUARD Indoor Air Quality Certified for Children and Schools (the most strict level)



Part #	Racking Height	Overall Height	Useable Depth	Overall Depth	Overall Width	Weight Capacity
SWR-12-12	21" (12 space)	25-1/8"	11-7/8"	12-1/2"	24-7/8"	150 lbs.
SWR-16-12	28" (16 space)	32-1/8"	11-7/8"	12-1/2"	24-7/8"	150 lbs.



SWR-12-12



EIA/TIA Compliant

Spec. #  
96-068  
for full  
product  
info.

ABE

## SBX Series Wall Mount Cabinet

Specify an SBX when seeking an economical solution for wall mounting smaller systems.

- Removable backpan simplifies installation and provides easy access to equipment connections
- Locking front door swings open a full 180° on a virtually indestructible hinge for rugged security and unobtrusive accessibility
- Deep rail-to-door clearance ratio provides flexibility not found in flush-mount door designs
- Standard heavy-gauge, 10-32 threaded rackrail with marked rackspace increments to speed equipment mounting
- Ventilation slots at top & bottom of each side promote passive thermal management
- 1/2" and 3/4" electrical knockouts at top and bottom, and 1" and 1-1/2" also on rear to facilitate cable entry
- GREENGUARD Indoor Air Quality Certified for Children and Schools (the most strict level)

Part #	Racking Height	Useable Depth	Weight Capacity
SBX-7	12-1/4" (7 space)	14-3/4"	75 lbs.
SBX-10	17-1/2" (10 space)	14-3/4"	100 lbs.

laser knockout and electrical knockouts in backpan

1/2" and 3/4" electrical knockouts in top and bottom



removable backpan pre-mounts for easier installation

SBX-10

rack is easily fastened to backpan with included security screws and driver bit

SWR Series Shallow Wall Rack and SBX Series Wall Mount Cabinet



# IDF Series Overhead Mount Intermediate Distribution Rack

Choose the IDF when rackmounting hubs, routers and other equipment overhead in warehouses, retail outlets or any larger, open location.

Spec. # 96-01075  
for full product info.

UL LISTED

EIA/TIA Compliant

RoHS

GREENGUARD Indoor Air Quality Certified

## Structural Features

- Mounts to building truss or Unistrut® beam using 2" threaded rods (installer supplied), or directly to Unistrut® beam
- Included safety lanyard ensures a secure installation
- Removable 16-gauge aluminum plate allows bottom mounting of wireless antennae, dome cameras, etc.
- Standard solid front and rear locking and latched doors install with safety chains and lift-off stops to prevent accidental removal
- Electrical box pre-installed inside the enclosure
- Standard front and rear adjustable 11-gauge, 10-32 threaded rackrail with numbered rackspace increments
- Finished in a durable black textured powder coat

## Thermal Management

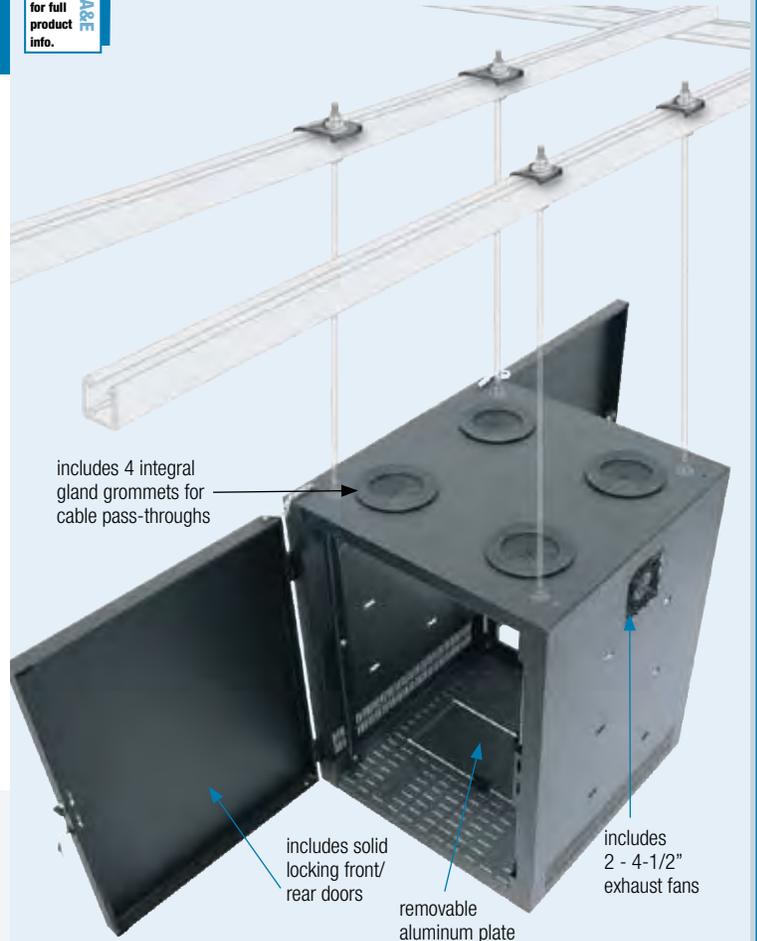
- Two 4-1/2" exhaust fans remove heated air at the top of the enclosure. Passive lower air intakes allow cooler air to be pulled in from the bottom.

## Cable Management

- Rack top includes four integral gland grommeted 4" cable pass-throughs
- Multiple UHF/VHF antenna knockouts on the bottom of the enclosure

## Regulatory / Certifications

- GREENGUARD Indoor Air Quality Certified for Children and Schools (the most strict level)
- Welded construction provides 150 lb. weight capacity
- Grounding/bonding stud in top of enclosure facilitates proper grounding and bonding of electronic equipment, as per NEBS and NEC standards
- UL Listed in the US and Canada



IDF-TM-1224BK

Part #	Description
IDF-TM-1224BK	12 space, 24" deep, 21" useable depth
IDF-TM-1624BK	16 space, 24" deep, 21" useable depth
IDF-ARB-24	optional rackrail bracket extender, converts IDF to full front to rear adjustable rackrail

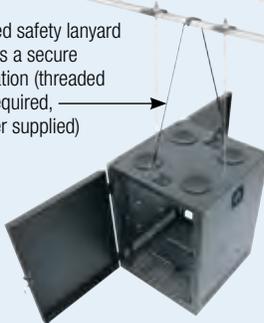
**Includes power distribution unit AT NO EXTRA CHARGE! See pg.102 for more on the PD-915R**

front

rear

## Alternate Mounting Methods

Included safety lanyard ensures a secure installation (threaded rods required, installer supplied)



TWO POINT MOUNTING to truss, with threaded rod



FOUR POINT MOUNTING directly to Unistrut® beam



knockouts for conduit pass-through to internal, standard electrical box



a typical warehouse IDF installation with optional dome camera mounted underneath



# Vertical Equipment Wall Mounts



EIA/TIA Compliant



Spec. # 96-700 for full product info.



**WRP-6**  
shown in service position



**WRS-6**  
shown with top cover open



**WRP-6**  
shown with top cover open



EIA/TIA Compliant

**VPM-4**



## Specify a WRP or WRS for vertically mounting equipment on a wall surface in a protective enclosure.

### Structural Features

- Unique design with 23" useable racking depth allows mounting of deeper equipment vertically in a parallel-to-the-wall orientation for space efficiency and aesthetics
- Standard adjustable heavy-gauge, 10-32 threaded rackrail
- Solid hinged body swings either left or right
- Angled, hinged plexiglass (WRP Series) or solid steel (WRS Series) top cover allows convenient equipment access
- Top cover keyed separately from body keylock, providing user access to equipment controls while limiting access to rear equipment connections
- Finished in a durable putty powder coat (WRP Series) or black textured powder coat (WRS Series)

### Thermal Management

- Vented front and two bottom located fan mounting positions facilitate thermal management
- Accepts two optional 4-1/2" fans

### Cable Management

- Rackrail adjusts to provide a space from 1" to 4" between top cover and equipment faces, allowing abundant room for D-Ring cable managers

### Regulatory / Certifications

- Grounding/bonding stud facilitates the proper grounding and bonding of electronic equipment, as per NEBS and NEC standards
- UL Listed in the US and Canada
- GREENGUARD Indoor Air Quality Certified for Children and Schools (the most strict level)

Putty Part #*	Black Part #*	Racking Height	Useable Depth	Weight Capacity
WRP-4	WRS-4	7" (4 space)	23"	150 lbs.
WRP-6	WRS-6	10-1/2" (6 space)	23"	150 lbs.
WRP-8	WRS-8	14" (8 space)	23"	150 lbs.

\*Putty version has plexi cover, black version has solid cover.

## Vertical Equipment Mount

Versatile solution for wall mount racking where a protective enclosure is not required.

- Can accommodate all depths of equipment
- Mounts horizontally or vertically allowing versatile component placement – under desktops, for example
- Heavy duty threaded rack rail, available in 2, 3 or 4 rackspace models
- Use two to provide 4-point mounting
- Includes hole for safety screw (for under desk mounting)

Part #	Description
VPM-2	2 space, vertical equipment mount
VPM-3	3 space, vertical equipment mount
VPM-4	4 space, vertical equipment mount



# Vertical Equipment Wall Mounts

**Ideal for mounting patch panels with switches, hubs, routers and other equipment.**

## Structural Features

- Beveled front door with flanges on all sides provides greater security for equipment
- Reversible hinged door with lock and padlockable latch
- Integral electrical box simplifies power distribution
- Constructed of 16-gauge steel,
- 24" wide by 36" high x 7-1/2" deep
- Finished in a durable putty powder coat
- Standard heavy-gauge, 10-32 threaded rackrail
- 4 total rackspaces for equipment mounting in two sections

## Thermal Management

- Ventilation slots on front cover address thermal management needs
- 4-1/2" fan kit available, mounts externally to maximize equipment mounting and cable management space

## Cable Management

- Cable management features include a 7" x 4" cable pass-through on backpan, abundant cable tie points and integral lacing bar on top set of rackrail
- 24" length of hook and loop fasteners included to facilitate cable management
- Laser knockouts on the top, bottom and sides for cable entry

## Regulatory / Certifications

- 150 lb. weight capacity
- Grounding/bonding stud facilitates the proper grounding and bonding of electronic equipment, as per NEBS and NEC standards
- UL Listed in the US and Canada
- GREENGUARD Indoor Air Quality Certified for Children and Schools (the most strict level)

Part #	Racking Height	Part #	Description
HDR-4	3-1/2" + 3-1/2" (2 rackspace + 2 rackspace)	HDR-FAN	external 4-1/2" fan kit & vent blocker

Spec. # **96-975**  
for full product info.

UL LISTED

EIA/TIA Compliant

GREENGUARD

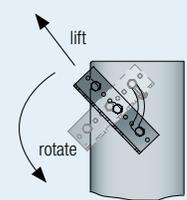


**HDR-4**  
beveled front door provides enhanced security

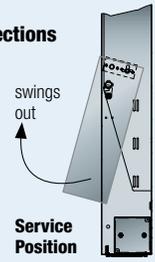


**HDR-FAN**  
optional external mount fan

## Easy Access to Equipment Connections



Upper bay rotates for easy access to patch panel connections & positive stop for punch downs



**Service Position**  
Lower bay rotates out for easy access to equipment connections

**Ideal for small sound systems, paging & patching applications in schools, hotels, offices or anywhere a secure, low-profile wall mount solution is required.**

## Structural Features

- Two models available: surface mount or flush between studs
- Tamper resistant design ideal for use in non-secure areas
- Mount non-rackmount equipment using included clamp bars
- 10-32 threaded rackrail is adjustable with a 1-1/2" to 3-3/8" recess to accommodate handles and knobs
- Up to 20" useable depth
- Durable, neutral putty finish
- Vented for effective passive thermal management
- Knockout provided in face to mount RPS Series remote power switch and low-voltage Decora® devices

## Cable Management

- Includes knockout to accommodate Middle Atlantic Products UCP Series universal connector panels, mounts BNC, XLR and other popular connectors
- Cable management tie points, with knockouts provided in back box for cable pass-through

## Regulatory / Certifications

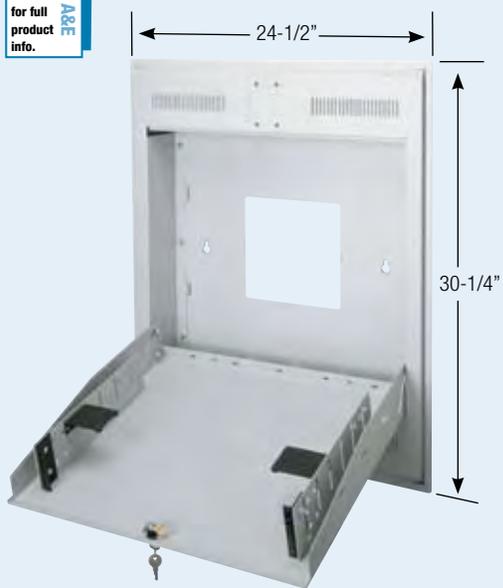
- 100 lb. weight capacity
- Grounding/bonding stud facilitates the proper grounding and bonding of electronic equipment, as per NEBS and NEC standards
- UL Listed in the US and Canada
- GREENGUARD Indoor Air Quality Certified for Children and Schools (the most strict level)

Spec. # **96-01009**  
for full product info.

UL LISTED

EIA/TIA Compliant

GREENGUARD



keylocks closed for security



front panel equipment access



includes electrical box for 120V connections

Surface Mount Part #	Flush Mount Part #	Racking Height	Outside Depth	When mounting TOR-3-20RP or TOR-4-20RP between 2x4 studs, order the partial recess trim kit to finish the installation.	Part #
TOR-2-20SP	TOR-2-20RP	3-1/2" (2 space)	4-7/16"		TOR-PRT
TOR-3-20SP	TOR-3-20RP	5-1/4" (3 space)	6-3/16"		
TOR-4-20SP	TOR-4-20RP	7" (4 space)	7-15/16"		

Vertical Equipment Wall Mounts





Spec. #  
**96-01008**  
for full  
product  
info.  
(DLBX)

Spec. #  
**96-941**  
for full  
product  
info.  
(VLBX)



**DLBX**  
shown mounted  
flush to the wall

optional  
thermostatic  
fan control



**DLBX**  
shown with mechanically  
interlocking cover removed  
and optional fan control and  
rackrail kit

optional  
rackrail with  
cut outs  
for cable  
pass-through



**VLBX-5.5**  
includes a removable  
washable filter



**DLBX-FSK**  
security cover kit prevents  
tampering with equipment  
while keeping airflow

## Specify a DLBX when securing digital recording equipment.

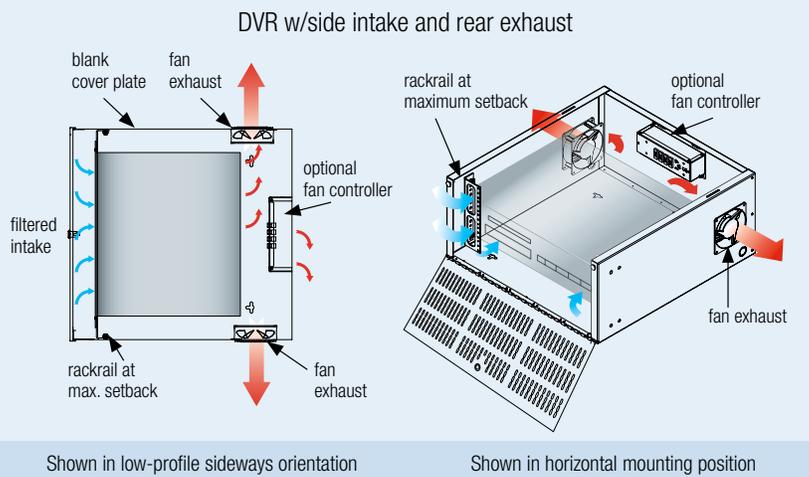
### Digital Video Recorder Lockbox

- Optimized to handle the active or passive thermal management needs of digital video recorders and other digital equipment
- Mounts vertically or horizontally to the wall, also can be used as a monitoring shelf
- Configurable thermal management system includes two fans, and can be set up to accommodate the needs of any DVR or NVR
- Optional proportional speed thermostatic fan control ensures fans only runs when needed, increasing fan life and reducing maintenance requirements & noise
- Extensive cable management facilities include tie points, EKO's and cable pass-throughs
- Mechanically interlocking top provides added security yet removes easily for equipment servicing
- Standard keylocked vented hinging front door allows easy equipment access
- VLBX models include a factory-installed 4-1/2" fan with washable filter for effective thermal management
- 100 lb. weight capacity
- UL Listed in the US and Canada
- GREENGUARD Indoor Air Quality Certified for Children and Schools (the most strict level)

Part #	Description	Inside Dimensions	Outside Dimensions
DLBX	DVR/NVR lockbox w/ fan	22-7/8" w x 11" h x 26-3/4" d	23-7/8" w x 11-5/16" h x 28-1/4" d
VLBX	DVR lockbox w/ fan	20-5/8" w x 8" h x 20-3/4" d	20-3/4" w x 8-1/8" h x 20-7/8" d
VLBX-5.5	DVR lockbox w/ fan	19-7/8" w x 5-3/8" h x 17" d	20" w x 5-1/2" h x 17-1/4" d
DLBX-WM	pair of wall mount brackets for DLBX		
VLBX-WM	pair of wall mount brackets for VLBX only (not compatible with VLBX-5.5)		
DLBX-RR5	10-32 threaded rackrail kit for DLBX, 5 space with cutouts for cable pass-through		
DLBX-FSK	security cover kit for DLBX		
FC-2-215-1C	proportional speed thermostatic fan control with two 15 Amp outlets for DLBX		

Visit [middleatlantic.com](http://middleatlantic.com) for more configurations.  
Custom sizes and plexiglass front panel available. Please call for details.

### Sample Thermal Management Configurations





## Wall Mount Open Frame Rack

A self-squaring rack for mounting virtually any data or telecommunications component, the wall mount open frame rack is quick and easy to assemble thanks to its self-aligning design.

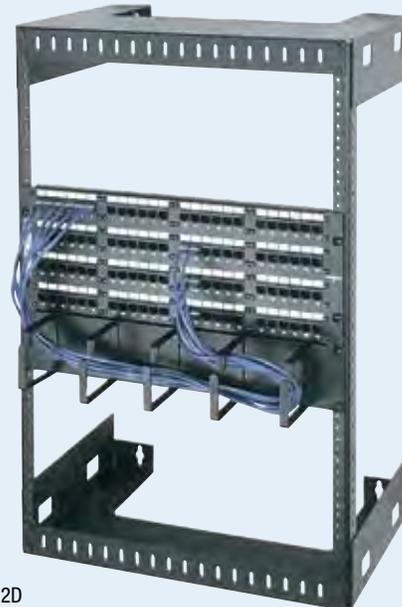
The WM Series offers an effective method of wall mounting fiber-optic as its fixed design prevents kinking or breaking of glass fibers

- Rugged steel construction
- 10-32 threaded rackrail
- Includes rack screws
- Black textured powder coat finish
- GREENGUARD Indoor Air Quality Certified for Children and Schools (the most strict level)

Part #	Overall Height	Racking Height	Depth	Weight Capacity
WM-8-12	17-3/4"	14" (8 space)	12"	200 lbs.
WM-8-18	17-3/4"	14" (8 space)	18"	150 lbs.
WM-15-12	30"	26-1/4" (15 space)	12"	200 lbs.
WM-15-18	30"	26-1/4" (15 space)	18"	150 lbs.
WM-30-12	56-1/4"	52-1/2" (30 space)	12"	175 lbs.
WM-30-18	56-1/4"	52-1/2" (30 space)	18"	125 lbs.

Spec. #  
**96-210**  
for full  
product  
info.

EIA/TIA Compliant



**WM-15-18**  
shown with HCM-2D  
horizontal cable manager

## Versa-Rack Sideways Equipment Mount

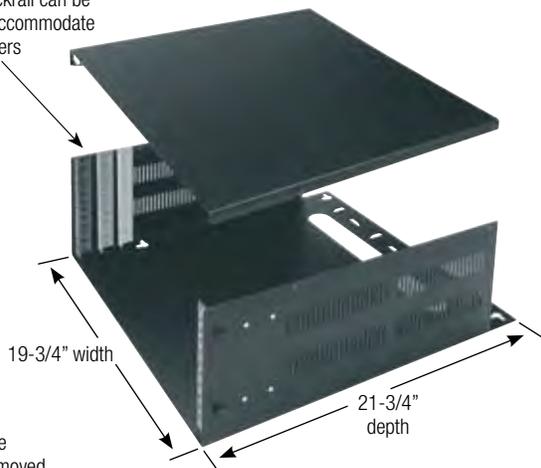
Mount network components flat against the wall with this innovative all-steel sideways panel mount.

Versa-Racks can also be used to mount components under tables and desks for commercial and classroom use. Each model features a single pair of high quality heavy-gauge, 10-32 threaded rackrail that can be positioned in 3 locations to accommodate D-Ring cable managers (see pg.138). The low-profile sideways panel mount is equipped with cable lacing points at the rear and includes a steel cover to protect and conceal equipment. Includes rack screws.

- GREENGUARD Indoor Air Quality Certified for Children and Schools (the most strict level)

Part #	Racking Height	Weight Capacity
SPM-2	3-1/2" (2 space)	50 lbs.
SPM-4	7" (4 space)	40 lbs.

3 position rackrail can be set back to accommodate cable managers



**SPM-4**  
shown on side  
with cover removed

Spec. #  
**96-220**  
for full  
product  
info.

EIA/TIA Compliant



**SPM-4**





# Swing Frame Wall Rack



EIA/TIA Compliant

Spec. #  
**96-984**  
for full  
product  
info.

AE



**SFR-12-18**

## Swing Frame Rack

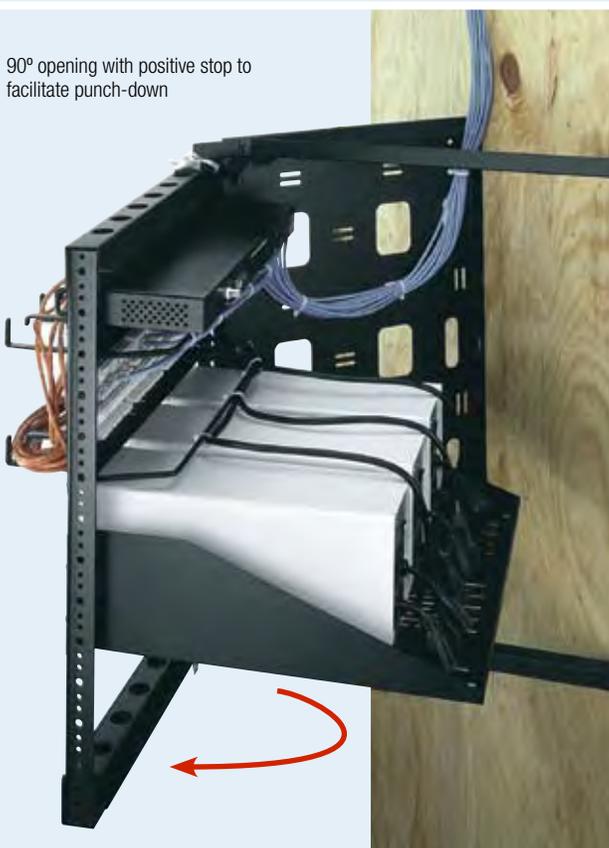
Specify an SFR when mounting patch panels, hubs and switches in a secure room or closet.

Innovative open-back wall mount design allows swing frame rack to be mounted over existing equipment and physical obstacles (conduit, telephone equipment, etc.)

- Rugged 100 lb. weight capacity, afforded by 14-gauge steel construction, provides the greatest strength in its class
- Open-back design maximizes useable wall space
- Unique, open swing frame design utilizes pivot points instead of hinges and can be inverted to allow opening from the left or the right
- 90° opening with positive stop facilitates punching down of wires while fully open and also minimizes stress on cable loops
- Ships ready-to-assemble to reduce space needed for storage and transport
- Standard heavy-gauge, 10-32 threaded rackrail with marked rackspace increments to speed equipment mounting
- Permanently lubricated bushings with a proprietary pivot prevent sag
- Abundant tie points and cable pass-throughs
- Black powder coat finish
- Includes 50 rack screws and hook and loop cable fasteners
- GREENGUARD Indoor Air Quality Certified for Children and Schools (the most strict level)

12" Depth Part #	18" Depth Part #	24" Depth Part #	Racking Height	Overall Height	Weight Capacity
SFR-12-12	SFR-12-18	SFR-12-24	21" (12 space)	27-1/4"	100 lbs.
SFR-20-12	SFR-20-18	SFR-20-24	35" (20 space)	41-1/4"	100 lbs.
-	SFR-25-18	SFR-25-24	43-3/4" (25 space)	50"	100 lbs.

90° opening with positive stop to facilitate punch-down



Enhanced compact packaging design





# Pivoting And Hinged Panel Mounts

## Pivoting Panel Mount

The logical choice for wall mounting patch panels and network equipment, pivoting panel mounts are offered in 6", 12", and 18" depths and provide easy rear access.

Innovative design with 90° positive stop facilitates punching down while fully open. Featuring abundant tie points for cable management, hook and loop cable fasteners and rugged steel construction, each unit is finished in a durable black powder coat. The 8 space PPM-8-18 has a depth of 18" to accommodate deeper equipment. Rack screws and hook & loop fasteners included.

### Top Covers and Doors

Security top covers and doors completely enclose the PPM for installation in non-secure areas. Available for 12" and 19" deep models

Part #	Security Top Cover Part #	Security Door Part #	Racking Height	Overall Height	Depth	Weight Capacity
PPM-2	—	—	3-1/2" (2 space)	5-3/4"	6"	20 lbs.
PPM-4	—	—	7" (4 space)	9-1/4"	6"	20 lbs.
PPM-6	—	—	10-1/2" (6 space)	12-3/4"	6"	30 lbs.
PPM-6-12	PPM-LID12	PPM-D06*	10-1/2" (6 space)	12-3/4"	12"	40 lbs.
PPM-8-12	PPM-LID12	PPM-D08*	14" (8 space)	16-1/4"	12"	60 lbs.
PPM-8-18	PPM-LID18	PPM-D08*	14" (8 space)	16-1/4"	18"	60 lbs.

\*When using door option, top cover is required

## Backless Pivoting Panel Mount

Designed to work over wall obstructions such as conduit or raceways.

- Opens 90° with positive stop to allow for punch down of cables
- 16" depth, 40 lb. weight capacity
- 6 rackspace height available
- Security cover and lid available

Part #	Description
PPM-6-160B*	6 space pivoting panel mount, open back, 16" deep
PPM-LID16	lid, fits 16" deep PPMs

\*PPM-D06 security door fits 6 space PPMs



PPM-6-160B closed

## Hinged Panel Mount

Our HPM Series provides simple and straightforward wall mounting of rackmount components and can also be rackmounted to any 19" open frame rack.

- 6" deep and steel construction
- Hinged to provide rear access to mounted components
- Finished in a durable black powder coat
- Rack screws & hook & loop fasteners included

Part #	Racking Height	Part #	Description
HPM-1	1-3/4" (1 space)	HPM-LID	top dust cover acts as an equipment shelf
HPM-2	3-1/2" (2 space)		
HPM-4	7" (4 space)		
HPM-6	10-1/2" (6 space)		

HPM-LID



## Adjustable Depth Hinged Panel Mount

Dual hinged mount provides exceptional rear access to rackmount components

- Simple adjustable depth accommodates components from 9" - 15"
- Built-in cable management
- Grounding stud built-in and space indicators marked on rackrail

Part #	Description	Weight Capacity
HPM-4-915	4 space, adjustable depth 9" - 15"	15 lbs.
HPM-6-915	6 space, adjustable depth 9" - 15"	20 lbs.
HPM-8-915	8 space, adjustable depth 9" - 15"	25 lbs.



Spec. # 96-0210  
for full product info.



PPM-8-12 with PPM-LID12 and PPM-D08



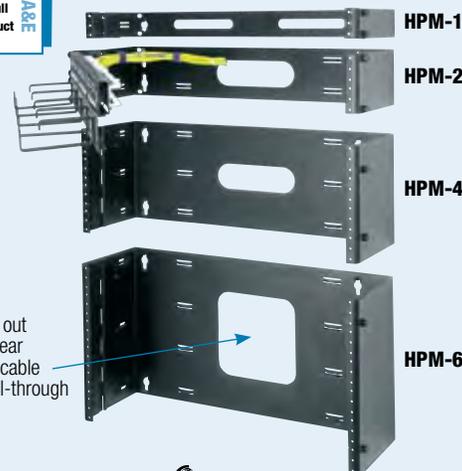
PPM-8-12



PPM-6-160B

Spec. # 96-212  
for full product info.

EIA/TIA Compliant



HPM-1

HPM-2

HPM-4

HPM-6

cut out in rear for cable pull-through

EIA/TIA Compliant



HPM-4-915

telescopes from 9" - 15"

Pivoting And Hinged Panel Mounts





# R4 Series 4-Post Open Frame Racks – 12-24 Threaded Rackrail



EIA/TIA Compliant



Spec. #  
96-01076  
for full  
product  
info.



## Mount networking, telephone, VOIP equipment, routers, switches and more with the R4 Series 4-Post Open Frame Rack.

These racks are designed to accommodate deeper, heavier components than a 2-post frame rack.

### Structural Features

- Open top accepts direct mounting of optional 6", 9" or 12" cable ladder (mounts parallel or perpendicular to front of rack).
- Ships flat to save space.
- Includes 100 pcs. of 12-24 threaded mounting hardware.
- Rack gangs to additional 4-post or 2-post open frame racks
- Includes additional, adjustable split rackrail to provide up to three mounting depths
- 1/4" aluminum uprights, with a 3/16" thick aluminum base
- Flat black powder coat finish

### Thermal Management

- Open frame design facilitates unrestricted air flow

### Regulatory / Certifications

- Static load capacity - 2,500 lbs.
- UL Listed in the US and Canada. UL Listed load capacity - 800 lbs.
- GREENGUARD Indoor Air Quality Certified for Children and Schools (the most strict level)

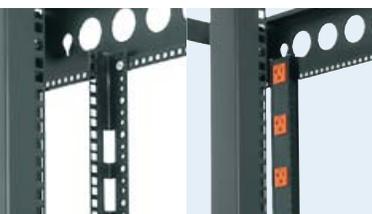


**R412-4524B**  
with 12-24  
threaded rackrail



#### Versatile Rack Base

Base angles may be assembled to the outside for increased stability or inward to save space.



Side braces provide locations to mount additional vertical accessories including power, cable management, or mounting rails.



Top accepts mounting of cable ladders parallel or perpendicular to the front of the rack. For Cable Ladder Accessories see pgs. 142-143.



Add side panels to open frame racks to finish installation. See pg. 31.

### Complete your Rack System with the following options and accessories:



**Power Distribution**  
pgs. 96-117



**Thermal Management**  
pgs. 118-129



**Cable Management**  
pgs. 130-143



**Rack Accessories**  
pgs. 144-169

Part #	Racking Height	Overall Height	Useable Depth	Overall Depth	Overall Width	Side Panels	Add'l 12/24 Threaded Rackrail	Recommended Power*
R412-3824B	66-1/2" (38 space)	72-1/4"	24"	36"	20-1/2"	SPN-R4-3824	R412-RR38	G
R412-4524B	78-3/4" (45 space)	84-1/4"	24"	36"	20-1/2"	SPN-R4-4524	R412-RR45	G P T
R412-5124B	89-1/4" (51 space)	96-1/2"	24"	36"	20-1/2"	SPN-R4-5124	R412-RR51	G P T
R412-3830B	66-1/2" (38 space)	72-1/4"	30"	42"	20-1/2"	SPN-R4-3830	R412-RR38	G
R412-4530B	78-3/4" (45 space)	84-1/4"	30"	42"	20-1/2"	SPN-R4-4530	R412-RR45	G P T
R412-5130B	89-1/4" (51 space)	96-1/2"	30"	42"	20-1/2"	SPN-R4-5130	R412-RR51	G P T

\*for more info, refer to pgs. 96-117

R4 Series 4-Post Open Frame Racks – 12-24 Threaded Rackrail





# R4 Series 4-Post Open Frame Racks – Cage Nut Rackrail

## Mount servers and other equipment requiring cage nut mounting hardware with the R4 Series 4-Post Open Frame Rack.

These racks are designed to accommodate deeper, heavier components than a two post frame rack.

Spec. #  
96-01076  
for full  
product  
info.



EIA/TIA Compliant



**R4CN-4524B**  
with cage nut  
style rackrail

### Structural Features

- Open top accepts direct mounting of optional 6", 9" or 12" cable ladder (mounts parallel or perpendicular to front of rack)
- Ships flat to save space
- Includes 100 pcs. of 6mm screws and cage nuts
- Rack gangs to additional 4-post or 2-post open frame racks
- Open frame design facilitates unrestricted air flow
- Includes additional z-rail adapter for side mount installations and adjustable split rackrail to provide up to three mounting depths
- Four post channels are constructed from heavy-gauge steel
- Flat black powder coat finish
- Constructed from heavy gauge steel

### Regulatory / Certifications

- Static load capacity - 2,000 lbs.
- UL Listed in the US and Canada. UL Listed load capacity - 800 lbs.
- GREENGUARD Indoor Air Quality Certified for Children and Schools (the most strict level)



#### Versatile Rack Base

Base angles may be assembled to the outside for increased stability or inward to save space.



Side braces provide locations to mount additional vertical accessories incl. power, cable management, or mounting rails.



Top accepts mounting of cable ladders parallel or perpendicular to the front of the rack. For Cable Ladder Accessories see pgs. 142-143.



Add side panels to open frame racks to finish installation. See pg. 31.

### Complete your Rack System with the following options and accessories:



**Power Distribution**  
pgs. 96-117



**Thermal Management**  
pgs. 118-129



**Cable Management**  
pgs. 130-143



**Rack Accessories**  
pgs. 144-169

Part #	Racking Height	Overall Height	Useable Depth	Overall Depth	Overall Width	Side Panels	Additional Cage Nut Rack Rail	Additional Cage Nut Z-Rail Adapter	Recommended Power
R4CN-4524B	78.75" (45 space)	84-1/4"	24"	36"	21-1/4"	SPN-R4-4524	PROR4CN-RR45	PROR4CN-ZRA45	G P T
R4CN-5124B	89.25" (51 space)	96-1/2"	24"	36"	21-1/4"	SPN-R4-5124	PROR4CN-RR51	PROR4CN-ZRA51	G P T
R4CN-4530B	78.75" (45 space)	84-1/4"	30"	42"	21-1/4"	SPN-R4-4530	PROR4CN-RR45	PROR4CN-ZRA45	G P T
R4CN-5130B	89.25" (51 space)	96-1/2"	30"	42"	21-1/4"	SPN-R4-5130	PROR4CN-RR51	PROR4CN-ZRA51	G P T
R4CN-4536B	78.75" (45 space)	84-1/4"	36"	48"	21-1/4"	SPN-R4-4536	PROR4CN-RR45	PROR4CN-ZRA45	G P T
R4CN-5136B	89.25" (51 space)	96-1/2"	36"	48"	21-1/4"	SPN-R4-5136	PROR4CN-RR51	PROR4CN-ZRA51	G P T

•for more info, refer to pgs. 96-117



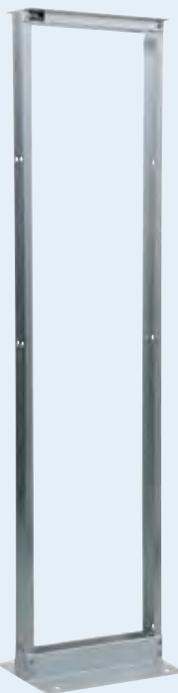


# 2-Post Open Frame Racks

2-Post Open Frame Racks

**GREENGUARD** California State Indoor Air Quality Certified **EIA/TIA Compliant** **RoHS** **UL LISTED** **Spec. # 96-972** **for full product info.** **ABE**

**Revit** **Models Available**



**RLA19-1245**

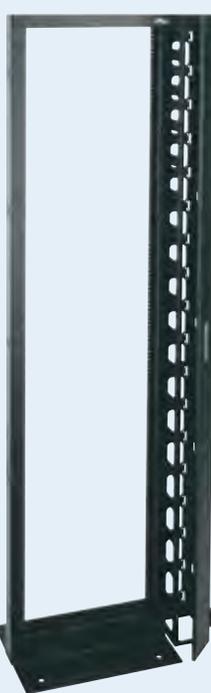
**GREENGUARD** California State Indoor Air Quality Certified **EIA/TIA Compliant** **RoHS** **UL LISTED** **Spec. # 96-053** **for full product info.** **ABE**



**RL10-45**



**GREENGUARD** California State Indoor Air Quality Certified **EIA/TIA Compliant** **RoHS** **UL LISTED** **Spec. # 96-01107** **for full product info.** **ABE** **SEISMIC CERTIFIED**



**R2-44S**

shown with optional vertical manager

## RLA Series Aluminum 2-Post

The industry standard RLA series 2-post open frame rack incorporates a 15" deep heavy-duty aluminum base and includes holes so that the rack can be secured to the floor.

- 12-24 threaded front and rear, with numbered rackspace increments
- Channels constructed from 3/16" aluminum
- Available in silver brushed aluminum or black powder coat finish
- Includes 50 rack screws
- Static load capacity - 1,600 lbs. when properly loaded and anchored
- UL Listed in the US and Canada. UL Listed load capacity - 400 lbs.

Part #*	Racking Height	Overall Height	Panel Width	Finish
RLA19-1251B	89-1/2" (51 space)	96-1/8"	19"	black
RLA19-1245	78-3/4" (45 space)	84"	19"	silver
RLA19-1245B	78-3/4" (45 space)	84"	19"	black

\* **N P R T** recommended power, for more info, refer to pgs. 96-117

## RL Series Steel 2-Post

RL series 19" 2-post open frame racks incorporate a self-squaring, self-leveling design for easy assembly. Top rails accommodate standard cable ladders.

- Threaded 10-32 or 12-24, with numbered rackspace increments
- Channels constructed from 11-gauge steel to provide extra strength
- Finished in a black powder coat
- Includes 50 rack screws
- Static load capacity - 1,600 lbs. when properly loaded and anchored
- UL Listed in the US and Canada. UL Listed load capacity - 400 lbs.

Part #	Racking Height	Overall Height	Thread Size	Recommend Power
RL10-45	78-3/4" (45 space)	84"	10-32	<b>N P R T</b>
RL10-38	66-1/2" (38 space)	72"	10-32	<b>G J N</b>
RL12-45	78-3/4" (45 space)	84"	12-24	<b>N P R T</b>

The CSB cantilever support base adds stability to RL Series Steel 2-Post Racks. The CSB is especially helpful for installations when cantilever shelves are used to mount heavy equipment and the center-of-gravity is shifted to the rear of the rack. Black powder coat finish.



**Part # CSB**

## R2-44S Seismic 2-Post

The R2-44S Seismic 2-post open frame rack incorporates a heavy duty 3/8" thick steel base that provides additional structural integrity to the steel frame. Top pattern accepts a variety of cable ladders with no additional adapter required. Ships assembled and ready to install.

- 10-32 threaded front and rear, with numbered rackspace increments
- Channels constructed from 11-gauge steel to provide extra strength
- Finish in a black powder coat
- Includes 50 rack screws
- Seismic Certified capacity 850 lbs.

Part #	Racking Height	Overall Height	Recommended Power*
R2-44S	77" (44 space)	84"	<b>N P R T</b>

\*for more info, refer to pgs. 96-117

Complete your Rack System with the following options and accessories:



**Power Distribution**  
pgs. 96-117



**Thermal Management**  
pgs. 118-129



**Cable Management**  
pgs. 130-143



**Rack Accessories**  
pgs. 144-169





# 2-Post Cable Management Racks – 10-32 Threaded Rackrail

Employs an innovative design that incorporates captive fasteners to provide quick assembly times, eliminating loose bolts.

## Features and Benefits

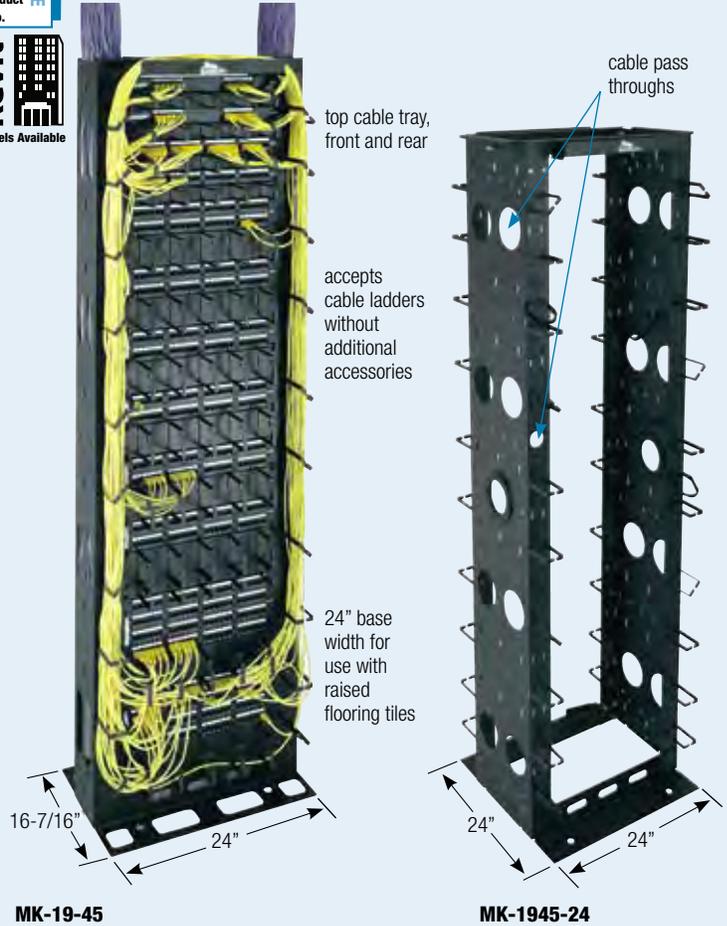
- Unique indexed swiveling front-mount cable rings
- 6" and 14" deep channels for massive cable bundles
- Integral top cable ladders and cable trays in the front and rear
- 10-32 threaded front and rear rail
- Hook and loop fasteners and front cable feed-through hole plugs included for simplified cable management
- Includes 100 rack screws

## Technical Specification

- 500 lb. or 800 lb. weight capacity depending on mounting method
- Steel construction with durable black powder coat finish

Spec. # 96-281 for full product info.

EIA/TIA Compliant



MK-19-45

MK-1945-24

Part #	Racking Height	Overall Height	Overall Depth	Mounting Channel Depth	Width	Recommended Power•
MK-19-45	45 space	84-1/4"	16-7/16"	6-3/8"	24"	<b>N P R T</b>
MK-1945-24	45 space	84-1/4"	24"	14"	24"	<b>N P R T</b>

•for more info, refer to pgs. 96-117

Complete your Rack System with the following options and accessories:



**Power Distribution**  
pgs. 96-117



**Thermal Management**  
pgs. 118-129



**Cable Management**  
pgs. 130-143



**Rack Accessories**  
pgs. 144-169





## Technical Furniture



Complete installations, in addition to the equipment itself, may require workspaces where human staff can control, monitor, or otherwise interact with the installed system. For these situations, Middle Atlantic offers a selection of technical furniture that, unlike standard office furniture, incorporates specific technical features or capabilities that support a professional installation in a commercial application.

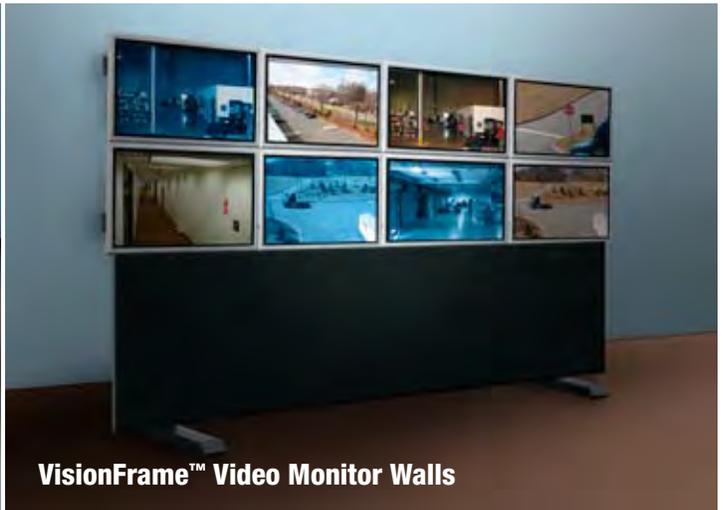
For example, the ViewPoint™ console line is specifically designed to include installed rackmounted components and heavy interconnecting cabling. As another example, C5 Series Credenza Racks combine all the advantages of a rack system with the external appearance of furniture so that equipment can be installed in a conference room without looking out of place. Take note of the relevant certifications indicated on each product page as an additional assurance of the quality of these offerings.

Please see the product groupings listed on the facing page. If you need help, please call our technical support group for assistance.

Technical Furniture



**ViewPoint™ Consoles**



**VisionFrame™ Video Monitor Walls**



**LCD Monitoring/Command Desks**



**Edit Center™ Studio Furniture**

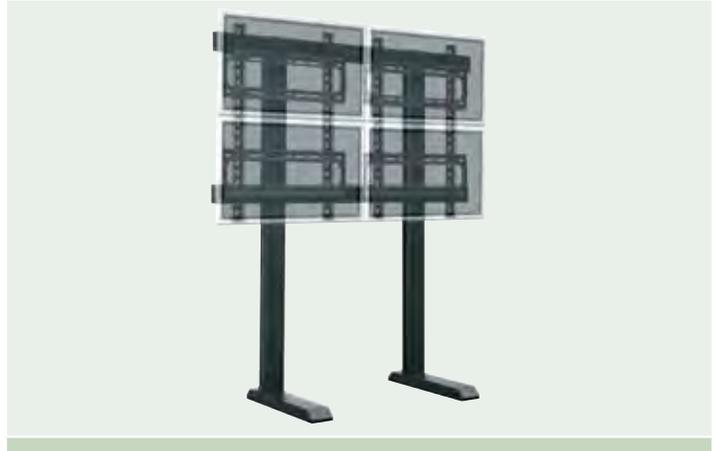




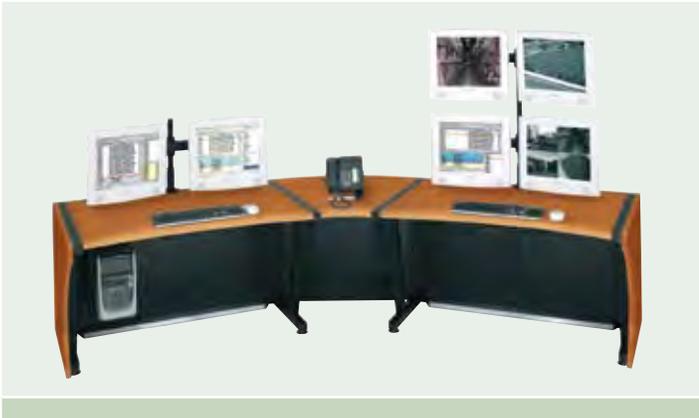
**ViewPoint™ Monitoring Console System 80 - 83**



**VisionFrame™ Video Monitor Wall 84 - 85**



**LCD Monitoring/Command Desk 86 - 87**



**Monitoring Consoles & SCRK/SQRK Series 88 - 89**



**Edit Center™ Multimedia Studio Furniture 90 - 91**



**MultiDesk Video™ Multimedia Studio Furniture 92**



**Multimedia Furniture Accessories 93**



**C5 Series Credenza Racks 94 - 95**



Technical Furniture





## Serious Furniture for Mission Critical Installations



ViewPoint Monitoring Console System

- Consoles are optimized for flexible flat screen arrangements and ergonomically designed with the user in mind
- Equally suited for small surveillance applications to large scale command and control environments
- Modular design allows almost limitless configuration choices
- You can design your workspace for straight, curved, or even serpentine layouts. We can help you plan your room!
- Easy to plan and specify using free Designer™ Layout Software (available on middleatlantic.com)










### Exceptional Reliability from the Equipment Mounting Experts

Middle Atlantic has been an expert supplier of equipment racks and mounting systems for decades. That expertise is built in to every ViewPoint system to support Mission Critical installation reliability:

- Console bays are rugged, fully welded steel construction
- Engineered for fast assembly and effective equipment cooling
- Built-in cable management functions
- Mission Critical qualifications include:
  - Seismic Certified to IBC, UBC, CBC, and NFPA Codes and Standards
  - UL Listed in the US and Canada for strength and stability
  - ANSI/BIFMA Compliant for strength and stability
  - GREENGUARD Children and Schools™ Certified for indoor environmental air quality (Stricter certification criteria than standard GREENGUARD rating - helps qualify for LEED credits)

**Free Design Software - see pg. 85**



**Middle Atlantic Designer™**  
3D Layout Software






## Standard Work Surface Finishes



shown with 34" deep desktop to maximize work surface area

## Side Panel Styles



Several end panel styles are available, please contact us for details.



shown with bay extender for rackmounting deep equipment



shown with 18" console work surface to provide for top access to equipment and cabling



## Straight Bays

Bays are pre-assembled and fully welded, and come in standard 12", 24", 36", 48", and 72" widths for mounting equipment and providing workspace. Additionally 6" and 12" units are also available to adjust overall widths and provide cable routing between bays.



## Features

### Lockable & Removeable Front & Rear Access Panels



**Rear Door**  
Innovative access panel design includes brush grommet for cable entry

Lockable front and rear access panels can be hinged and/or lifted off easily, even while close to a wall, providing easy access to equipment and connections.

One of the rear access panels in 36", 48" and 72" bays includes brush grommet for entry and exit of large cable bundles.

### Relocatable Steel-Reinforced Cable Ducts



Each bay includes relocatable steel-reinforced cable ducts which allow contiguous cabling support for the entire console width.

Cable management system with grommets and multiple tie points keep internal and external cabling organized and optimized for serviceability.

## Options

### Storage Cabinet & Peninsula



Available storage cabinet provides ideal location for storing papers, binders and supplies comes standard with twin glass doors, which can be mounted in any of 4 positions on the cabinet, allowing multiple operator access as needed.

Peninsula adds to work surface area and provides separation of operators.

### File Cabinets



File cabinet rolls beneath work surface and includes casters and locking drawers to allow file cabinet to be easily switched out during shift changes.

Unit includes 3 drawers - One drawer fits hanging files (letter size) while the other two can be used for misc. items. Includes a 5th wheel to minimize tip hazard.

### Desktop Turrets



4 space, 6 space and 9 space turret racks can be mounted behind 18" work surfaces to hold equipment where it can be easily manipulated. Call us for information about custom turrets for 34" deep desktops.

Monitor mounts can attach to the rear beam behind turrets.

### Wedges



Standard wedges are fully welded for quick installation, available in 15°, 22-1/2°, 30°, 45° and 90° angles to create concave ergonomic work spaces.

Reverse angle standard wedges are also available in 15°, 22-1/2°, and 30° angles, to create convex or serpentine layouts.

### Slide-Out Tray System



Slide out tray system for mounting PC towers under counter top can be mounted to slide from the front or back of console bay.

PC towers can also be placed in bay section on standard internal base provided.





Free Design Software - see pg. 85

Middle Atlantic Designer™  
3D Layout Software

18" Work Surface	34" Desktop	Optional Rail Kits
<p>18" work surface allows easy top access to the upper cable management channels and is an ideal solution when operator may need to make some adjustments to wiring, etc., or when back of console is close to wall or rear access is limited. Field height configurable to 3 positions - 28-1/4", 29-1/8", and 30", accepts turrets.</p>	<p>34" desktop provides more workspace for viewing larger documents when top access is not required, but does not allow top access to wiring compartment. System must be designed within the room to allow sufficient space for rear access to installed equipment, wiring, etc., standard height of 30".</p>	<p>The optional top rail kit enables vertical mounting of UPS or similar equipment.</p> <p>The optional front rail kit can be added to any full width bay and allows rackmounting of components near the workspace.</p>

Bay Extenders	Articulating Keyboard Shelf	Rear Fan Exhaust Door	Task Light	Office Chair
<p>Versatile 18" and 24" extender cabinets integrate seamlessly with system, are ideal for mounting deep DVR's, NVR's and servers and include either a plexi or vented front door (provides 33" &amp; 39" rackmount useable depths).</p>	<p>Provides a generous 31" width adequate for keyboard and mouse. Combines infinite height adjustments with simple wrist movement. Attractive laminate finish matches Console System.</p>	<p>100 CFM fan door provides thermostatically controlled cooling, with super quiet 27dB at full speed.</p>	<p>Long reach task light can be placed in multiple locations, to permit lighting of printed material where needed.</p>	<p><b>For multimedia furniture accessories, see pg. 93</b></p>

### Monitor Mounts

Extensive selection for optimal viewing. Mount any LCD with VESA 75 or VESA 100 mounting hole patterns.

Part #	VC-MM1X1	VC-MM2X1	VC-MM1X2	VC-MM1X2PL	VC-MM2X2	VC-MM3X1D	VC-MM3X2D
Configurations	1X1, articulating	2X1, horizontal	1X2, vertical	1X2, articulating, landscape/portrait	2X2, quad, two across, two levels	3X1, triple horizontal	3X2, triple horizontal, across two levels
Weight Capacity	12-28 lbs.	50 lbs.	50 lbs.	42 lbs.	88 lbs.	75 lbs.	150 lbs.





## Robust Video Monitor Support System Application Engineered for Unparalleled Monitor Support

Spec. # **96-01146**  
 for full product info.



Generous hidden vertical cable management.



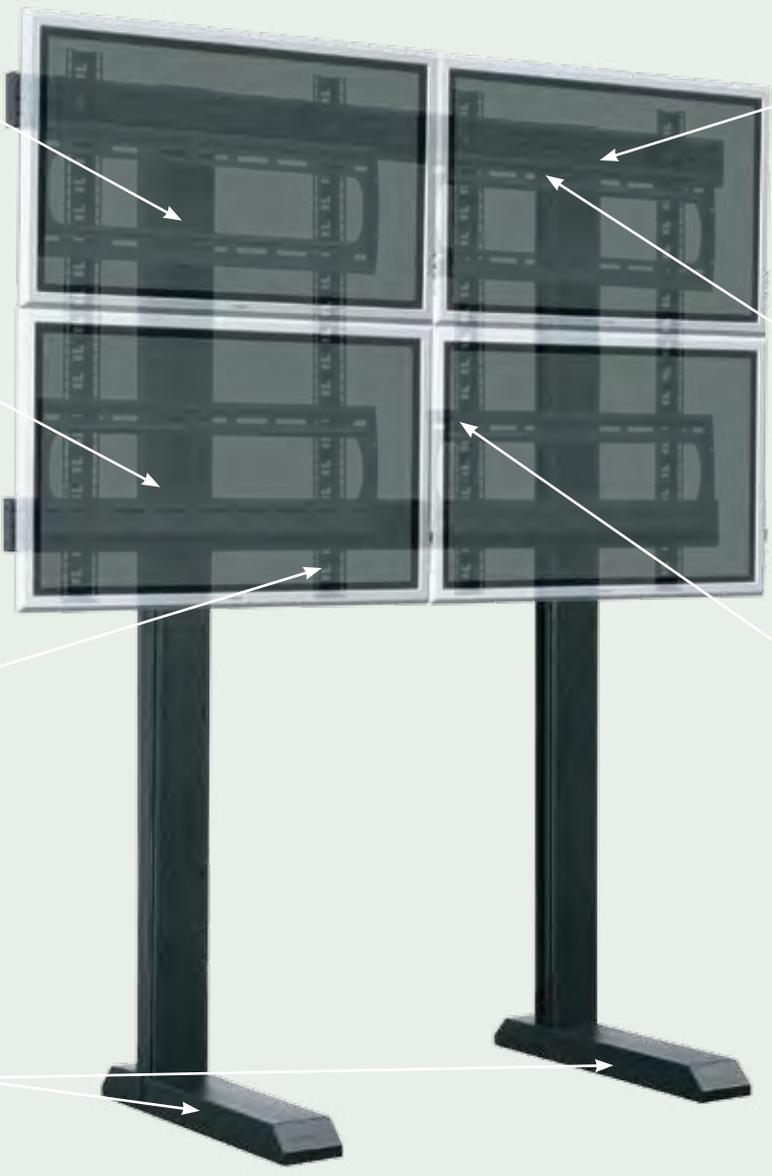
Power strips clip easily to rear beam.



Factory pre-assembled mount structure saves field time.



Heavy duty support can freestand or bolt to floor, and includes levelers.



Horizontal cable management.



Unique cleat system eliminates measurement and guess work.



Quick turn custom Screen-Lock™ fasteners for fast assembly.



Also available as "Desk Wall" version that attaches directly to our ViewPoint™ console & LCD Desk line.

VisionFrame Video Monitor Wall

- Assembles quickly and easily
- Integral cable management channels
- Designed to meet the specific needs of each installation
- Accepts 10" – 80" monitors
- Walls can be designed up to 13' 3" high, in any width
- Freestanding and desk mount models available
- Power strips mount directly to the frame
- ETL Listed in the US and Canada for strength and stability



shown with optional privacy panel



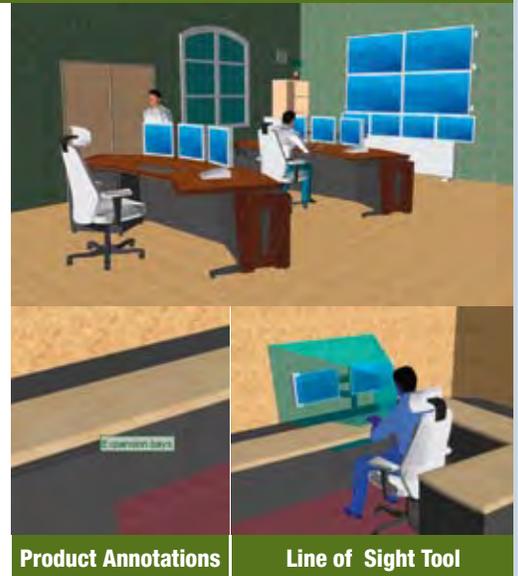


## It Doesn't Get Easier Than This

Use our free Middle Atlantic Designer™ 3D Layout Software to quickly design and specify your wall:

Designer 3D layout software makes it easy to:

- Create a video wall layout
- Show the actual room design in full color
- Create a retail quote and specification
- Includes easy 2D and 3D CAD export
- Line of sight tool lets you confirm operator positioning



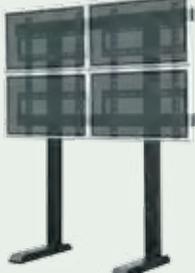
Product Annotations

Line of Sight Tool

## How To Design a Video Monitor Wall Using Middle Atlantic Designer™ Software

Step 1	Step 2	Step 3	Step 4
			
Select VisionFrame Monitor Wall Category.	Double-click on the Monitor Wall.	Drag over the monitors.	Click on the green arrow to put the wall in the drawing.

## Fast Installation Matches Your Design Layout

			
Columns come with feet installed, ready for placement at install site.	Beams hook on sturdy cleats and have preinstalled fastening points.	Mount subassemblies match specified design, ready to hang.	Monitors are quickly installed and ready for cable routing.



# LCD Monitoring/Command Desk

Equally suited for small surveillance applications to large-scale network based command and control environments, LCD Monitoring Desks are optimized for flat screens and ergonomically designed with the user in mind.



Spec. #  
96-01006  
for full  
product  
info.

**Ships  
from stock**



LCD Monitoring/Command Desk

## Structural Features

- Modular design for flexible configuration options and economical additions
- Low profile light bridge (optional) allows better line of sight to video monitor walls
- Connecting wedges available in 45° and 90° for versatile monitoring setups
- 48" and 64" widths available
- Small footprint (32" deep) ideal for compact rooms
- Available in attractive dark cherry, honey maple, pepperstone (top) and slate (side panels) finishes
- Add-A-Bay™ models allow for economical expansion (cannot be used alone - must attach to the right hand side of an existing desk unit)
- Half-height and full-height side panels available
- A full complement of accessories available to finish any installation

## Cable Management

- Power distribution and cable management cabinet features integral front and rear doors for convenient access

## Time Savings

- Assembles in minutes

## Articulating LCD mounts provide flexible monitor placement, including enhanced line-of-sight viewing



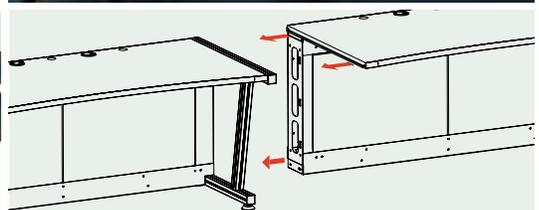
## Cable management cabinet neatly organizes all wiring & provides space for power distribution



Abundant cable tie points & cable trough. Removable front & rear panels conceal & protect all wiring.

Cable pass-through for multi-bay installation & conduit entry.

Save space with mounting channel for **C** power strips.



Add-A-Bay models allow for economical expansion.

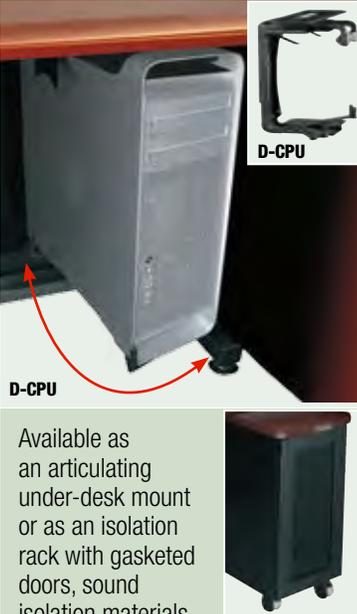
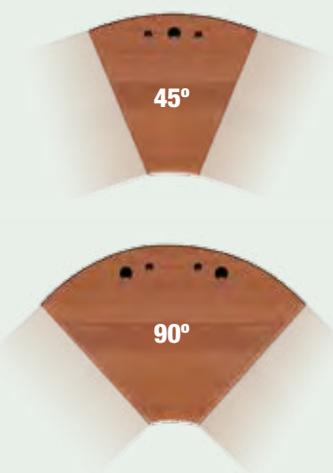
Part #	Overall Width	Light Bridge	Add-A-Bay Model	Light Bridge Add-A-Bay	Standard Side Panels (Pair)	Full Height Side Panels (Pair)	Power Strip
LD-4830*	48"	LD-L48	LD-4830*-RA	LD-L48RA	LD-SP30-*	LD-PSP30-*	<b>C</b>
LD-6430*	64"	LD-L64	LD-6430*-RA	LD-L64RA	LD-SP30-*	LD-PSP30-*	<b>C</b>

\* When ordering, suffix part number with designation for desired finish (DC = dark cherry, HM = honey maple, PS = pepperstone (top), SL = slate (side panels only))





## Accessories

LD Monitoring Desk Side Rack	CPU Mounts	Keyboard Shelf	Wedges																					
 <p><b>LD-1230HM</b></p> <p>This 12 space side rack is available in matching finishes and attaches to the right side of LCD Monitoring Desks and Add-A-Bays. Rear door, smoked plexi front door, and locking casters standard. Features pass-throughs for cable management between rack and desk.</p> <table border="1"> <thead> <tr> <th>Part #</th> <th>Description</th> </tr> </thead> <tbody> <tr> <td>LD-1230*</td> <td>single bay (12 space) side rack</td> </tr> </tbody> </table> <p>NOTE: to mount LD-1230* to a wedge requires an additional hardware kit LD-WK- please call 800-266-7225 for details</p>	Part #	Description	LD-1230*	single bay (12 space) side rack	 <p><b>D-CPU</b></p> <p>Available as an articulating under-desk mount or as an isolation rack with gasketed doors, sound isolation materials, fan &amp; work surface.</p> <table border="1"> <thead> <tr> <th>Part #</th> <th>Description</th> </tr> </thead> <tbody> <tr> <td>D-CPU</td> <td>articulating</td> </tr> <tr> <td>LD-QCPUT*</td> <td>isolation rack</td> </tr> </tbody> </table>	Part #	Description	D-CPU	articulating	LD-QCPUT*	isolation rack	 <p><b>LD-KBTPS</b></p> <p>Articulating shelf provides full adjustability, includes wrist-rest.</p> <table border="1"> <thead> <tr> <th>Part #</th> </tr> </thead> <tbody> <tr> <td>LD-KBT*</td> </tr> </tbody> </table>	Part #	LD-KBT*	 <p><b>45°</b></p> <p><b>90°</b></p> <p>NOTE: to mount LD-1230* to a wedge requires an additional hardware kit LD-WK- please call 800-266-7225 for details</p> <table border="1"> <thead> <tr> <th>With Cable Mgmt. Cabinet</th> <th>Without Cable Mgmt. Cabinet</th> <th>Angle</th> </tr> </thead> <tbody> <tr> <td>LD-W4530*</td> <td>LD-WTT45*</td> <td>45°</td> </tr> <tr> <td>LD-W9030*</td> <td>-</td> <td>90°</td> </tr> </tbody> </table>	With Cable Mgmt. Cabinet	Without Cable Mgmt. Cabinet	Angle	LD-W4530*	LD-WTT45*	45°	LD-W9030*	-	90°
Part #	Description																							
LD-1230*	single bay (12 space) side rack																							
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D-CPU	articulating																							
LD-QCPUT*	isolation rack																							
Part #																								
LD-KBT*																								
With Cable Mgmt. Cabinet	Without Cable Mgmt. Cabinet	Angle																						
LD-W4530*	LD-WTT45*	45°																						
LD-W9030*	-	90°																						

\* When ordering, suffix part # with designation for desired finish (DC = dark cherry, HM = honey maple, PS = pepperstone)

Adjustable Light	Pencil Tray								
 <p><b>LD-LGM</b></p> <p>Energy saving, low-voltage, fully adjustable fluorescent light conveniently mounts in grommet of desk or wedge.</p> <table border="1"> <thead> <tr> <th>Part #</th> </tr> </thead> <tbody> <tr> <td>LD-LGM</td> </tr> </tbody> </table>	Part #	LD-LGM	 <p><b>D-PT15</b></p> <p><b>D-PT22</b></p> <p>Mounts under desk and provides convenient storage for office supplies.</p> <table border="1"> <thead> <tr> <th>Part #</th> <th>Description</th> </tr> </thead> <tbody> <tr> <td>D-PT15</td> <td>15" wide pencil tray</td> </tr> <tr> <td>D-PT22</td> <td>22" wide pencil tray</td> </tr> </tbody> </table>	Part #	Description	D-PT15	15" wide pencil tray	D-PT22	22" wide pencil tray
Part #									
LD-LGM									
Part #	Description								
D-PT15	15" wide pencil tray								
D-PT22	22" wide pencil tray								

Free Design Software - see pg. 85	Standard Finishes - please call for others	For monitor mount options see pg. 93.
 <p>Middle Atlantic Designer™ 3D Layout Software</p>	 <p><b>DC</b> Dark Cherry    <b>HM</b> Honey Maple    <b>DC</b> Pepperstone (top only)    <b>SL</b> Slate (side panels only)</p>	





# High Security Monitoring Consoles

## Steel Welded Consoles Ship from Stock

### Structural Features

- Heavy-duty 14-gauge fully welded construction provides a 1,500 lb. weight capacity per bay
- Unique 'zero-space' wedge allows consoles to connect corner-to-corner, requiring no additional space
- Front and rear rackrail standard
- Innovative slide out and rotating equipment rack available, provides convenient rear access to equipment connections
- Pre-installed leveling feet provide height adjustment
- Available in a durable textured black powder coat finish



EIA/TIA Compliant

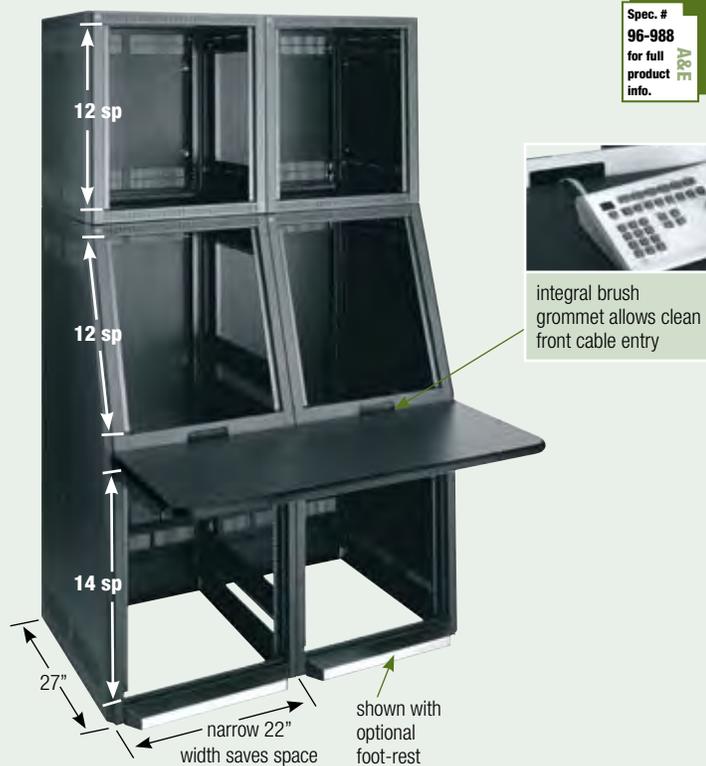


### Code Compliancy

- Seismic Certified to the 1997 UBC and 2001 CBC Seismic Zone 4 and the 2000 IBC, 2003 IBC, 2002 ASCE Standard 7, and NFPA 5000 Seismic Use Group III lateral force requirements for protecting 375 lbs. of essential equipment in upper floor installations when used with optional SC-Z4 (see pg. 31) seismic floor anchor brackets with an Ip value of 1.5 (does not include '-S' consoles with the slide out rotating rack bay)
- Grounding/bonding stud in base of console facilitates the proper grounding and bonding of electronic equipment, as per NEBS
- Base console UL Listed in the US and Canada

## The Convective Series™

Spec. #  
**96-988**  
for full  
product  
info.  
A&E



Monitoring consoles provide advanced functionality at a competitive price and have been engineered to provide natural, convective cooling to extend equipment life and reduce maintenance.

### Thermal Management

- Keylocked lift-off side panels and rear doors feature engineered ventilation locations to facilitate convective cooling

## The Quiet-Cool Series™

Spec. #  
**96-989**  
for full  
product  
info.  
A&E

ships full assembled



Monitoring consoles ideal for use in isolating noise created by DVRs, hard drive arrays and other equipment, which can have detrimental effects on the operator's attention and critical decision making ability. Engineered active thermal management ensures equipment stays cool, extending equipment life and reducing maintenance requirements.

### Thermal Management

- Keylocked lift-off solid side panels help manage airflow, and includes acoustic dampening material for sound isolation
- Standard gasketed front and rear doors provide sound isolation from noisy equipment, ensure effective thermal management, and feature a 3-point lock for security

For full ordering info, please visit [www.middleatlantic.com/sec/orderGuide.htm](http://www.middleatlantic.com/sec/orderGuide.htm)

High Security Monitoring Consoles



# SCRK/SCQRK Series Enclosures



The SCRK/SCQRK Series 19" enclosures complement Quiet-Cool Series™ and Convective Series™ Monitoring Consoles. Available in full height and short versions, these enclosures can be used stand-alone or ganged to a console bay. (Quiet-Cool Series only available in short version)

## Structural Features

- Fully welded construction, combined with 16-gauge steel tops, bottoms, and sides, provides a 2,500 lb. weight capacity
- Locking rear door standard for additional security. SCQRK Series also includes locking gasketed solid front door
- Available with innovative slide out and rotating rack bay which provides convenient rear access to equipment connections
- Standard front and rear adjustable 11-gauge, 10-32 threaded rackrail with numbered rackspace increments to speed equipment mounting
- Pre-installed leveling feet allow height adjustment
- Available in a durable textured black powder coat finish

## Thermal Management

- SCQRK features gasketed front and rear doors, acoustic dampening material and fans for active thermal management
- Front and side ventilation locations on SCRK optimize passive convection
- Configurable open top on 44 space SCRK comes with standard vented top for passive thermal management, additional top options available

## Cable Management

- Laser knockouts for cable pass-through & ganging, aligns with all SCRK/SCQRK consoles
- 1/2", 5/8", 3/4", 1" and 1-1/2" electrical knockouts found on removable split rear plates, top knockout plate additionally includes 1/2" 'D' UHF/VHF antenna knockouts
- Multiple lacing points and slotted rail brackets add cable management convenience to SCRK/SCQRKs
- Removable rear plates allow cable bundles to be easily passed over or under the standard key-locking rear door

## Code Compliance

- Grounding/bonding stud in the base of enclosure facilitates proper grounding and bonding of electronic equipment, as per NEBS and NEC standards
- Seismic Certified to the 1997 UBC and 2001 CBC Seismic Zone 4 and the 2000 IBC, 2003 IBC, 2002 ASCE Standard 7, and NFPA 5000 Seismic Use Group III lateral force requirements for protecting 750 lbs. of essential equipment in upper floor installations when used with optional SC-Z4 (see pg. 31) seismic floor anchor brackets with an Ip value of 1.5 (does not include '-S' racks with the slide out rotating rack bay)
- UL Listed in the US and Canada

Spec. #  
96-993  
for full  
product  
info.  
A&E  
(SCRK)



EIA/TIA Compliant



Spec. #  
96-995  
for full  
product  
info.  
A&E  
(SCQRK)



SCRK-4427BK



SCQRK-442BK shown ganged to console bays with custom top option

SCRK Convective Series Enclosures						
Part #	Racking Height	Overall Height	Recommended Power	Includes Slide Out Rotating Rack Bay	Weight Capacity	Useable Depth
SCRK-1327BK	22-3/4" (13 space)	27-3/4"	<b>C</b>	no	2,500 lbs.	24"
SCRK-1327BK-S	22-3/4" (13 space)	27-3/4"	<b>C</b>	yes**	200 lbs.	23"
SCRK-4427BK	77" (44 space)	81-7/8"	<b>N P R T</b>	no	2,500 lbs.	24"

SCQRK Quiet-Cool Series Enclosures						
Part #	Racking Height	Overall Height	Recommended Power	Includes Slide Out Rotating Rack Bay	Weight Capacity	Useable Depth
SCQRK-1327BK	22-3/4" (13 space)	27-3/4"	<b>C</b>	no	2,500 lbs.	24"
SCQRK-1327BK-S	19-1/4" (11 space)	27-3/4"	<b>C</b>	yes**	200 lbs.	23"

\*\*Models w/ slide out rotating rack bay include factory-installed foot-rests

For SCRK/SCQRK Series enclosure options, please visit [www.middleatlantic.com/sec/scrk\\_Opt.htm](http://www.middleatlantic.com/sec/scrk_Opt.htm)

SCRK/SCQRK Series Enclosures





# Edit Center™ Multimedia Studio Furniture

Application designed studio furniture is equally suited for all editing environments including post production editing suites, corporate video production rooms, campus learning labs and broadcast production facilities.



EIA/TIA Compliant

## Edit CENTER™

**Ships from stock**



Two pivoting speaker platforms allow the placement of audio monitors at the optimum listening angle and are standard equipment on all Edit Center overbridges.



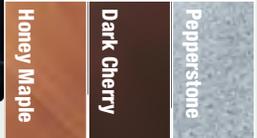
Two overbridge styles available to optimize your system: one features two 4 space rack bays angled for direct viewing, while the other features an open span underneath.



Matching contours on desktops and side bay racks allow for optimum positioning of computers and rackmount processing equipment.

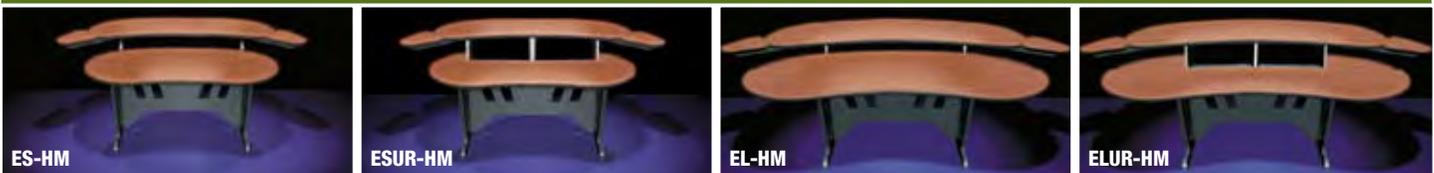


Standard finishes please call for others



Edit Center Multimedia Studio Furniture

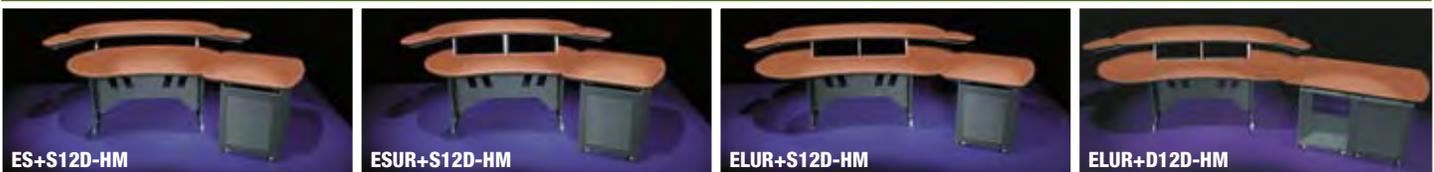
### Desk Only



Part #	Description
ES*	60" desk, includes overbridge
ESUR*	60" desk, includes overbridge with (2) 4 space rackbays
EL*	84" desk, includes overbridge
ELUR*	84" desk, includes overbridge with (2) 4 space rackbays

\* When ordering, suffix part number with designation for desired top (-DC = dark cherry, -HM = honey maple, PS = pepperstone)

### Desk + Side Bay Racks



Part #	Description
ES+S12D*	60" desk (includes overbridge) + single bay outboard rack (with door + cooling kit)
ESUR+S12D*	60" desk (includes overbridge) w/(2) 4 space rackbays + 1 single bay outboard rack (with door + cooling kit)
ELUR+S12D*	84" desk (includes overbridge) w/(2) 4 space rackbays + 1 single bay outboard rack (with door + cooling kit)
ELUR+D12D*	84" desk (includes overbridge) w/(2) 4 space rackbays + 1 dual bay outboard rack (with door + cooling kit)

\* When ordering, suffix part number with designation for desired top (-DC = dark cherry, -HM = honey maple, -PS = pepperstone)

For Edit Center dimensions, please visit [www.middleatlantic.com/studio/ec/ecdim.htm](http://www.middleatlantic.com/studio/ec/ecdim.htm)





## Side Bay Racks

Side bay racks are available in either a single or dual bay configuration and come complete with casters. The reversible top on some models is contoured to match the desktop, allowing the racks to be positioned at a comfortable angle to the user on the left or right side. Additionally, these racks feature a unique two position top height, allowing the user to determine whether the racks join the desk flush or slide under the desktop. 11-gauge, 10-32 threaded front and rear rackrail are set back 2" for equipment clearance. Single bay racks come standard with front and rear doors, while dual bay racks include doors on one bay only. Racks may also be ordered less doors. Side bay racks ship fully assembled.



### Cooling

Gasketed plexiglass front doors and gasketed laminated rear doors on selected racks control noise and open 95° on concealed hinges. The rear door features a built-in quiet fan for cooling plus removable filter kit, and a brush grommet at the door bottom allows cable exit while maintaining a seal for air flow.

## Side Bay Racks Including Cooling

Part #	Description	Weight Capacity	Part #	Description	Weight Capacity
D12D-*	12 space dual bay outboard rack + doors/cooling system	500 lbs.	S12SD-*	12 space single bay outboard rack w/square top+doors/cooling system	300 lbs.
D12SD-*	12 space dual bay outboard rack w/square top+doors/cooling system	500 lbs.			
S12D-*	12 space single bay outboard rack + doors/cooling system	300 lbs.	S24D-*	24 space sound reducing rack w/square top+doors/cooling system	300 lbs.

\* When ordering, suffix part number with designation for desired top (-DC = dark cherry, -HM = honey maple, PS = pepperstone). Side racks include front and rear rail

## Open, Front and Rear Side Bay Racks

Part #	Description	Weight Capacity
S12-*	single bay outboard rack (12 rackspace), less doors	300 lbs.
D12-*	dual bay outboard rack (12 rackspace), less doors	500 lbs.
DT8*	table top rack (8 rackspace)	75 lbs.



Side racks include front and rear rail (DT8 front rails only)

Please request shipping information when ordering

## Accessories

### Split Screen Pop Filter

Sure-Grip clamp won't mar microphone stand

**PF-SS**

### For Professional Voice Overs

The revolutionary design of the Split Screen Pop Filter ensures superior performance. The Split Screen Pop Filter:

- Utilizes A.P.D.T.™ to eliminate pops
- Outperforms traditional hoop style pop filters
- 'Non-Parallel' surfaces eliminate resonant frequencies

### What is A.P.D.T.™?

Part #	Description
PF-SS	split screen pop filter, black

### "The Claw" Cable Hanger

**CLAW**

**CLAW14**

The unique dual-size "claw" configuration of this versatile wall mount cable hanger provides efficient storage for all cables large and small.

Available with side trays for holding small items, or without side trays for increased storage density. Black powder coat finish.

Part #	Dimensions
CLAW	16" w x 3-1/2" d, with side trays
CLAW14	14" w x 3-1/2" d



### Cable Management Kits

**CM-S**

These convenient cable management kits effectively organize the mass of cable typically found in digital video and audio systems.

Kit consists of spiral wrap to contain cables, and flat panels with tie-points to manage cable under desktops.

Part #	Description
CM-L	cable management kit for 84" desk system, includes 8 cable managers & 20' cable wrap
CM-S	cable management kit for 60" desk system, includes 4 cable managers & 20' cable wrap

For monitor mount options see pg. 93.





# MultiDesk Video™

Utilizing a modular design, the MultiDesk Video System allows the configuration of furniture to accommodate a variety of work environments.

Ships from stock



Whether you're a corporate video editor, digital audio engineer, or free-lance graphic artist, you can combine the models in the series to create a system that meets your specific requirements. Featuring an attractive 1" thick top with a graphite finish and sturdy steel-tube legs, the MultiDesk Video system makes application-designed multimedia furniture available to those who previously had to choose an office desk or other furniture ill-suited for the job.



Corner Desk	Corner Desk	Straight Desk	59" Video Desk
 <b>MDV-CNR1</b> shown with (2) MDV-R12 & (2) MDV-OB4	 <b>MDV-CNR3</b> shown with (2) MDV-R12 & (2) MDV-OB4	 <b>MDV-DSK</b> shown with (2) MDV-R12 & (2) MDV-OB4	 <b>MDV-DL</b> shown with (1) S12S-DC & (1) MDV-R12
<p>The MDV-CNR1 Corner Desk includes a one piece overbridge that is user-configurable 3 ways:</p> <ul style="list-style-type: none"> <li>• (1) 4 sp. rackbay in center, or</li> <li>• (2) 4 sp. rackbays on sides, or</li> <li>• Middle supports justified to outside to provide a 32" wide open center span</li> <li>• 26-1/2" to 27-1/2" desktop height</li> </ul> <p>Overbridge provides 7" inside height clearance</p>	<p>The MDV-CNR3 Corner Desk includes a three piece overbridge specifically designed to accommodate mixers with tall meter bridges. The overbridge center section is user-configurable 2 ways:</p> <ul style="list-style-type: none"> <li>• 11-1/4" inside height clearance, or</li> <li>• 16-1/2" inside height clearance</li> <li>• 26-1/2" to 27-1/2" desktop height</li> </ul> <p>Center section provides 30" inside width clearance</p>	<p>The MDV-DSK Straight Desk includes an overbridge that is user-configurable two ways:</p> <ul style="list-style-type: none"> <li>• Two 4 space rackbays, or</li> <li>• Remove center section to provide 39" wide open span</li> <li>• 26-1/2" to 27-1/2" desktop Height</li> </ul> <p>Overbridge provides 7" inside height clearance</p>	<p>The taller MDV-DL allows MultiDesk Video racks to slide underneath, saving space.</p> <ul style="list-style-type: none"> <li>• Open overbridge accommodates multiple video monitors</li> <li>• Larger 59" width provides more workspace</li> <li>• 29-1/4" to 30-3/8" desktop height</li> </ul>
<b>Part #</b> MDV-CNR1	<b>Part #</b> MDV-CNR3	<b>Part #</b> MDV-DSK	<b>Part #</b> MDV-DL

designed to accommodate digital audio mixers



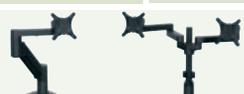
For MultiDesk Video dimensions, please visit [www.middleatlantic.com/studio/mdv/mdvdim.htm](http://www.middleatlantic.com/studio/mdv/mdvdim.htm)

Side Bay Rack	Overbridge	Caster Kit	Connecting Wedge	Keyboard Tray
 <b>MDV-R12</b>	 <b>MDV-OB4</b>	 <b>MDV-CK</b>	 <b>MDV-W</b>	 <b>MDV-KB</b>
<p>Add an MDV-R12 Side Bay Rack to any MultiDesk Video Series desk for additional rackmount capacity and desktop space. Top constructed from high quality 1" thick MDF with black laminate, provides 12 rackspaces, includes front rail. Casters are optional.</p>	<p>The MDV-OB4 Overbridge mounts on top of the MDV-R12 rack and provides an additional 4 rackspaces. When placed beside any MultiDesk Video Series desk, a contiguous surface is maintained.</p>	<p>Caster Kit for MDV-R12 includes 4 wheels, 2 metal caster saddles, and mounting hardware.</p> <p>Raises rack by 5/16".</p>	<p>Use the MDV-W Connecting Wedge to connect any MultiDesk Video Series component at an ergonomic 35° angle.</p> <p>Mounting hardware is provided.</p>	<p>Designed for under-desk use, the MDV-KB computer keyboard tray is equipped with a padded wrist support. The unit's built-in mouse tray can be pulled out to either the left or right side and retracts out-of-the-way when not in use.</p> <p>All mounting hardware included.</p>
<b>Part #</b> MDV-R12	<b>Part #</b> MDV-OB4	<b>Part #</b> MDV-CK	<b>Part #</b> MDV-W	<b>Part #</b> MDV-KB*
<b>Useable Depth</b> 23-1/2"				<small>*Does not work with MDV-CNR1 or MDV-CNR3.</small>

<b>Part #</b>	<b>Useable Depth</b>
MDV-R12	23-1/2"



<b>Part #</b>	<b>Useable Depth</b>
S12SDG	24"



For monitor mount options see pg. 93.

MultiDesk Video



## Seating to Fit Your Needs



Contour Freedom	Advantage	Task Basic
Ergonomically designed to promote user attention and reduce operator fatigue.	Wide frame provides larger seat and more space between armrests, accommodates sidearms and radios, and provides all day comfort.	Ergonomically thin profile solution for all day use designed to promote user attention and reduce operator fatigue.

Cushions	Technogel® Cushions are sculpted to closely follow body contours-provide comfort and maximize weight distribution.	Upholstered and cushioned seat; waterfall front edge helps reduce stress to legs.	Upholstered and cushioned seat; waterfall front edge helps reduce stress to legs.
Armrest	Technogel® armrests move up and down together and stay with you during recline, always keeping you in supported balance.	Armrests with soft pads can be adjusted into a number of positions, from width to height; can be lowered to seat level, allowing extra space for holster users.	Armrests with soft pads can be adjusted into a number of positions, from width to height, and removed to allow for extra space.
Backrest	Pivoting responsive headrest automatically adapts to the changing needs of your spine during recline. With the counter-balance mechanism, your weight automatically balances the force required to recline the chair.	Mesh back for ergonomic support and body heat dissipation; adjustable lockable backrest angle, tension and lumbar support.	Mesh back for ergonomic support and body heat dissipation; adjustable lockable backrest angle, tension and seat depth.
Weight Capacity	300 lbs.	300 lbs.	300 lbs.
Warranty	15 years on mechanicals, based on 24/7, 365 day use; 5 year warranty for cushions and casters	10 years on mechanicals, based on single shift use	10 years on mechanicals, based on single shift use

Part #	Description	Part #	Description	Part #	Description
CHAIR-CF1-B	chair, contour freedom, gel seat/arms, black vellum	CHAIR-ADV1-B	chair, advantage, wide frame black upholstered seat, mesh back	CHAIR-TSK1-B	chair, task basic, slim profile, black upholstered seat, mesh back

For more information, please visit [www.middleatlantic.com/sec/viewpoint/Chairs.htm](http://www.middleatlantic.com/sec/viewpoint/Chairs.htm)

## Monitor Mounts

Monitor mounts for Edit Center™ Series, MultiDesk Video™ Series, and LD Desk Series. Mount any LCD with VESA 75 or VESA 100 mounting hole patterns. All models come with through-desk and edge-clamp attachment options. Mounts monitors with up to a 22" overall width.



Part #	Description	Total Weight Capacity	Part #	Description	Total Weight Capacity
MMB1X1	1X1, articulating	12-28 lbs.	MMB2X2	2X2, quad two across, two levels	88 lbs.
MMB2X1	2X1, horizontal	50 lbs.	MMB3X1D	3X1, triple horizontal	75 lbs.
MMB1X2	1X2, vertical	50 lbs.	MMB3X2D	3X2, triple horizontal, across two levels	150 lbs.
MMB1X2PL	1X2, articulating, landscape/portrait	50 lbs.			





## C5 Series Credenza Racks Implement a Totally New Approach



1. Choose from 1, 2 or 3 bay models. Choose the Contemporary style, with clean lines and smooth hardware, or the Traditional style, with ogee curved edges and brushed hardware. Choose from the standard finishes shown below. It's that easy!
2. The core structure of the credenza ships from stock at one of our five North American warehouses, so you can start integration immediately.
3. Outer surfaces, doors and trim ship separately to your shop or directly to the installation site and are quickly and easily fastened to cover all the metal and complete the installation.



EIA/TIA Compliant

### Key Advantages of This Installation-Friendly Approach:

1. **It's FAST.** Get integration started fast – frames ship from stock.
2. **It's SAFE.** Wood shipments are well protected from shipping damage.
3. **It's REPAIRABLE.** If a panel gets damaged on jobsite, it can be easily replaced.
4. **It's FUTUREPROOF.** Changing colors or styles in the future is easy



Frame**		Finishing Kit, Traditional Style		Finishing Kit, Contemporary Style	
# of Bays	Model	With Smoked Plexi Door(s)	With Solid Door(s)	With Smoked Plexi Door(s)	With Solid Door(s)
1 Bay	C5F1	C5K1-TPD-xx *	C5K1-TSD-xx *	C5K1-CPD-xx *	C5K1-CSD-xx *
2 Bay	C5F2	C5K2-TPD-xx *	C5K2-TSD-xx *	C5K2-CPD-xx *	C5K2-CSD-xx *
3 Bay	C5F3	C5K3-TPD-xx *	C5K3-TSD-xx *	C5K3-CPD-xx *	C5K3-CSD-xx *

Note: A complete system includes the frame & the finishing kit – when ordering a finishing kit the frame must also be ordered. \*\*Frame does not come with finishing kit.

### C5 Finishing Kit, with Large Format Monitor Mount (for 32" - 50" monitors)

Frame		Finishing Kit, Traditional Style		Finishing Kit, Contemporary Style	
# of Bays	Model	With Smoked Plexi Door(s)	With Solid Door(s)	With Smoked Plexi Door(s)	With Solid Door(s)
1 Bay	C5F1	C5K1-MM1-TPD-xx*	C5K1-MM1-TSD-xx*	C5K1-MM1-CPD-xx*	C5K1-MM1-CSD-xx*
2 Bay	C5F2	C5K2-MM1-TPD-xx*	C5K2-MM1-TSD-xx*	C5K2-MM1-CPD-xx*	C5K2-MM1-CSD-xx*
3 Bay	C5F3	C5K3-MM1-TPD-xx*	C5K3-MM1-TSD-xx*	C5K3-MM1-CPD-xx*	C5K3-MM1-CSD-xx*



\*Replace 'xx' with DS = Darkstone, GS = Graystone, PS = Pepperstone, SG = Shark Gray, EA = Ebony Ash, WG = Wenge, DC = Dark Cherry, DP = Dark Pecan, AG = Aged Cherry, HM = Honey Maple, LW = Light Walnut, MP = Maple.

### Standard Work Surface Finishes





## Combination of a Steel Rack Frame and Attractive Outer Furniture Panels

3-bay model, contemporary style, shown in aged cherry

14 rackspace per bay

27-1/2" overall depth, 20-5/8" useable depth



Accessories						
<b>Shelf System Insert</b>	<b>Adjustable Rail Bracket Kit</b>	<b>Custom Cutouts for Tabletop Boxes</b>	<b>Cable Grommet</b>	<b>Flip-Up Side Shelf Contemporary Style</b>	<b>Flip-Up Side Shelf Traditional Style</b>	<b>Waste and Recycle Bin Insert</b>
C5-SH-SYS	C5-ARB	Please call	C5-CG	C5-SDSH-Cxx	C5-SDSH-Txx	C5-WB

## Millwork Kit for Customizing C5 Series Credenza Racks

The millwork kit supplies all hardware and specifications to allow customized woodwork to be used with our credenza frame kit.

### Each kit includes:

- A USB Flash Drive pre-loaded with shop plans, drawings, & instructions. (Instructions are stored in a universal .pdf format, & drawings are provided as .dxf files.)
- A complete Hardware Kit including:
  - Fasteners for door installations, including hinges (Note: door knobs/pulls are NOT included)
  - Fasteners for attaching the top panel, side panels, and toe kick

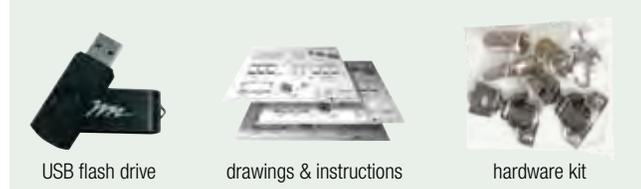
### Ordering a Millwork Kit

To order a Millwork Kit, simply choose the model below that matches the number of bays in your C5 Series Frame.

Part #	Description	Order with Frame
C5-MK1	C5 millwork kit, 1 bay	C5F1
C5-MK2	C5 millwork kit, 2 bay	C5F2
C5-MK3	C5 millwork kit, 3 bay	C5F3



Using the New C5 Millwork Kit lets a custom millworker provide matching outer surfaces. (Not a standard offering)



C5 Series Credenza Racks





## Power Distribution

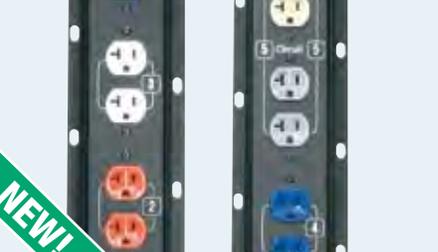
Every installation needs power. Middle Atlantic offers a full range of power distribution products – both vertical strips, rackmount and self contained (stand-alone) models – that provide basic distribution. However, there are many additional power-related capabilities available that you might want to consider, including surge and spike protection, metering, sequencing, remote control and notification, and battery-backup among others. Including the appropriate functionality in your installations can improve overall reliability and performance.

Here is a selection chart to help you understand the key differences between different power strip series. Please also see the product groupings listed on the facing page. If you need help, please call our technical support group for assistance:

	Series	Best For	Key Features
	<b>PDW</b> (pgs. 104-105)	High capacity Multi-Circuit Applications (up to 20) (15 Amp, 20 Amp, 30 Amp) Multiple circuit capacities within one unit	<ul style="list-style-type: none"> <li>• Quickly made to order</li> <li>• Custom laser marking</li> <li>• Many choices including termination, receptacles, circuits</li> <li>• NEMA and IEC receptacle choices</li> <li>• Hardwired</li> <li>• Online design/specification software tool</li> </ul>
	<b>PDT</b> (pgs. 98-101)	General use (up to 2 circuits) (15 Amp, 20 Amp) Isolated Technical Ground Local Metering	<ul style="list-style-type: none"> <li>• Lowest profile</li> <li>• Installer-configured                             <ul style="list-style-type: none"> <li>– Single or dual circuit</li> <li>– Standard or Isolated (Technical) Ground</li> </ul> </li> <li>• Multiple termination choices including hardwired</li> <li>• Metered versions available</li> <li>• High outlet density versions available</li> </ul>
	<b>PD-Slim</b> (pgs. 98-99)	Economy (single circuit) (15 Amp, 20 Amp)	<ul style="list-style-type: none"> <li>• Slim profile</li> <li>• Corded only</li> </ul>
	<b>PD</b> (pgs. 98-101)	Use when steel raceway preferred (15 Amp, 20 Amp, 30 Amp)	<ul style="list-style-type: none"> <li>• Many circuit and termination choices</li> </ul>
	<b>MPR</b> (pgs. 106-107)	Easy custom ETL Listed strips in the shop or in the field (up to 9 circuits) (15 Amp, 20 Amp, 30 Amp)	<ul style="list-style-type: none"> <li>• Modular design for flexibility</li> <li>• Interfaces best with control systems</li> <li>• Choices include sequencing, outlet control, fan control</li> </ul>

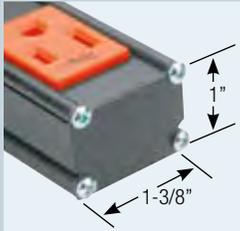


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<b>Multi-Mount™ Rackmount Power</b> 103 	<b>Custom Multi-Circuit, High Capacity Power Distribution</b> 104-105 	<b>Multi-Circuit Configurable Vertical Power</b> 106-107 	
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# Vertical Power – Corded



PDT 15 Amp Dimensions

## PDT Series Model Details on Facing Page

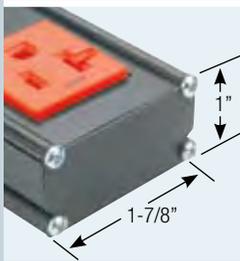
Includes SignalSafe™ Power Cord Technology

Typical 16 outlet 15 Amp



Spec. #  
**96-01031**  
for full  
product  
info.

Typical 20 outlet 15 Amp



PDT 20 Amp Dimensions

Typical 16 outlet 20 Amp



Spec. #  
**96-01031**  
for full  
product  
info.

Typical 20 outlet 20 Amp



PD Slim Dimensions

## PD Slim Series Model Details on Facing Page

Includes SignalSafe™ Power Cord Technology

Typical 8 outlet (can also be rackmounted with PB-XS bracket, see below)



Spec. #  
**96-976**  
for full  
product  
info.

Typical 24 outlet



PD Dimensions

## PD Series Model Details on Facing Page

Includes SignalSafe™ Power Cord Technology

Typical 10 outlet



Spec. #  
**96-938**  
for full  
product  
info.

Typical 24 outlet

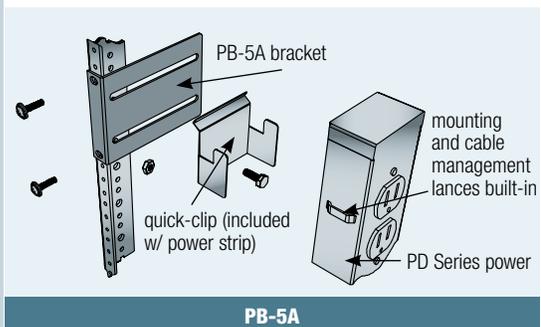


## Additional Mounting Brackets

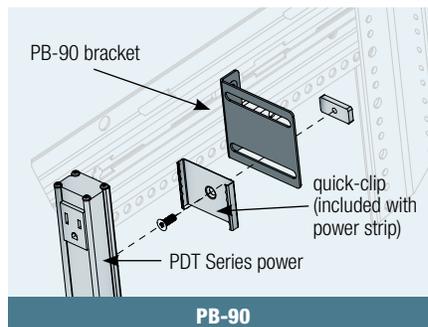
PB-90 bracket orients power outlets on any vertical power strip to the front or back of the enclosure\*. Allows mounting of power strips alongside mounted equipment in wider WRK Series racks. Use PB-5A brackets to mount Middle Atlantic Products power strips in AXS, Slim 5, RL, RLA and MK Series racks, or to the rackrail of any rack. To mount power strips in the SR and DWR Series wall racks, use PB-DWR brackets. PB-XS rackmounting power bracket mounts any **C** power strip between rackrail of any rack, includes cable management tie points. Cable management clips available for PDT Series power strips, sold in packs of 6.

Part #	Description
PB-90	brackets mount vertical power to face front or back of any rack* (pair)
PB-5A	brackets to mount vertical power strips on rear rackrail (pair)
PB-DWR	brackets to mount vertical power strips in DWR & SR Series wall racks (pair)
PB-XS	bracket to horizontally rackmount <b>C</b> power strips

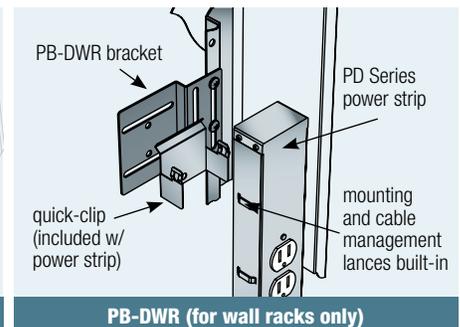
\*Requires LBFR-5A-xx to mount inside Slim 5 or AXS Series Racks



PB-5A



PB-90



PB-DWR (for wall racks only)



# Vertical Power – Corded

## PDT Series

	Part #	Chassis Style	Chassis Length	Amperage	# of Outlets	Outlet Type	Termination	Protection	Fits Racks Coded	Local Meter	Standard Number
 15 Amp	PDT-1015C-RN	PDT	37-3/4"	15 Amp	10	5-15R	9' cord w/NEMA 5-15P Plug	2-stage surge w/remote notification & circuit breaker	G	No	1, 2, 3, 4
	PDT-1015C-NS	PDT	37-3/4"	15 Amp	10	5-15R	9' cord w/NEMA 5-15P Plug	circuit breaker only	G	No	1, 3
	PDT-1015C-NS20	PDT	37-3/4"	15 Amp	10	5-15R	20' cord w/NEMA 5-15P Plug	circuit breaker only	G	No	1, 3
	PDT-1015C-M-NS	PDT	37-3/4"	15 Amp	10	5-15R	9' cord w/NEMA 5-15P Plug	circuit breaker only	G	Yes	1, 3
	PDT-1615C-NS	PDT	33-1/2"	15 Amp	16	5-15R	9' cord w/NEMA 5-15P Plug	circuit breaker only	E	No	1, 3
	PDT-2015C-RN	PDT	72-3/4"	15 Amp	20	5-15R	9' cord w/NEMA 5-15P Plug	2-stage surge w/remote notification & circuit breaker	T	No	1, 2, 3, 4
	PDT-2015C-NS	PDT	72-3/4"	15 Amp	20	5-15R	9' cord w/NEMA 5-15P Plug	circuit breaker only	T	No	1, 3
PDT-2015C-M-NS	PDT	72-3/4"	15 Amp	20	5-15R	9' cord w/NEMA 5-15P Plug	circuit breaker only	T	Yes	1, 3	
 20 Amp	PDT-1020C-NS	PDT	37-3/4"	20 Amp	10	5-20R	9' cord w/NEMA 5-20P Plug	circuit breaker only	G	No	1, 3
	PDT-1620C-NS	PDT	33-1/2"	20 Amp	16	5-20R	9' cord w/NEMA 5-20P Plug	circuit breaker only	E	No	1, 3
	PDT-2020C-NS	PDT	72-3/4"	20 Amp	20	5-20R	9' cord w/NEMA 5-20P Plug	circuit breaker only	T	No	1, 3
	PDT-2020C-RN	PDT	72-3/4"	20 Amp	20	5-20R	9' cord w/NEMA 5-20P Plug	2-stage surge w/remote notification & circuit breaker	T	No	1, 2, 3, 4
	PDT-2020C-M-NS	PDT	72-3/4"	20 Amp	20	5-20R	9' cord w/NEMA 5-20P Plug	circuit breaker only	T	Yes	1, 3
	PDT-2020TL-NS	PDT	72-3/4"	20 Amp	20	5-20R	9' cord w/NEMA L5-20P Plug	circuit breaker only	T	No	1, 3
PDT-2020TL-M-NS	PDT	72-3/4"	20 Amp	20	5-20R	9' cord w/NEMA L5-20P Plug	circuit breaker only	T	Yes	1, 3	

## PD Slim Series

	Part #	Chassis Style	Chassis Length	Amperage	# of Outlets	Outlet Type	Termination	Protection	Fits Racks Coded	Local Meter	Standard Number
 15 Amp	PD-815SC	PD Slim	18"	15 Amp	8	5-15R	10' cord w/NEMA 5-15P Plug	surge & circuit breaker	C	No	1, 2, 3, 4
	PD-815SC-20	PD Slim	18"	15 Amp	8	5-15R	20' cord w/NEMA 5-15P Plug	surge & circuit breaker	C	No	1, 2, 3, 4
	PD-815SC-NS	PD Slim	18"	15 Amp	8	5-15R	10' cord w/NEMA 5-15P Plug	circuit breaker only	C	No	1, 3
	PD-815SC-PBSH	PD Slim	18"	15 Amp	8	5-15R	10' cord w/NEMA 5-15P Plug	surge & circuit breaker	C**	No	1, 2, 3, 4
	PD-2415SC	PD Slim	60"	15 Amp	24	5-15R	10' cord w/NEMA 5-15P Plug	surge & circuit breaker	N	No	1, 2, 3, 4
 20 Amp	PD-2415SC-NS	PD Slim	60"	20 Amp	24	(2) 5-20R, (2) 5-15R	10' cord w/NEMA 5-20P Plug	circuit breaker only	N	No	1, 3
	PD-2420SC-NS	PD Slim	60"	20 Amp	24	(2) 5-20R, (2) 5-15R	10' cord w/NEMA 5-20P Plug	circuit breaker only	N	No	1, 3

\*\*Also fits on rear edge of RSH, RC, and CAP rackshelves

1. Conforms to UL Standard 1363

2. Conforms to UL Standard 1449, 3rd Ed.

3. Certified to CSA Standard C22.2 No. 21

4. Certified to CSA Standard C22.2 No. 8

5. Conforms to UL Standard 1640

6. Certified to CSA Standard C22.2 No. 14M91

## PD Series

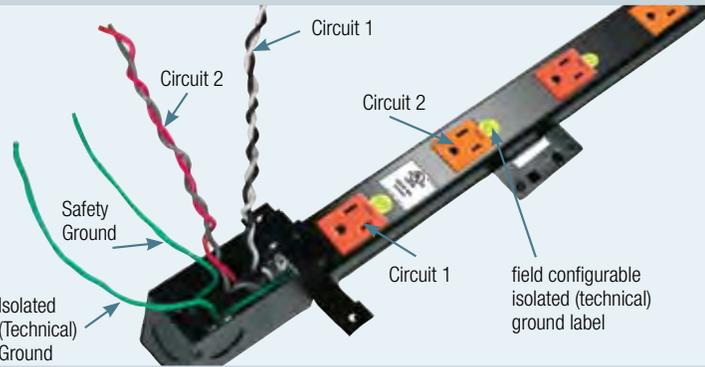
	Part #	Chassis Style	Chassis Length	Amperage	# of Outlets	Outlet Type	Termination	Protection	Fits Racks Coded	Local Meter	Standard Number
 15 Amp	PD-615C	PD	26-1/2"	15 Amp	6	5-15R	9' cord w/NEMA 5-15P Plug	surge & circuit breaker	E	No	1, 2, 3, 4
	PD-615C-NS	PD	26-1/2"	15 Amp	6	5-15R	9' cord w/NEMA 5-15P Plug	circuit breaker only	E	No	1, 3
	PD-1015C	PD	40"	15 Amp	10	5-15R	9' cord w/NEMA 5-15P Plug	surge & circuit breaker	J	No	1, 2, 3, 4
	PD-1015C-NS	PD	40"	15 Amp	10	5-15R	9' cord w/NEMA 5-15P Plug	circuit breaker only	J	No	1, 3
	PD-1415C	PD	57"	15 Amp	14	5-15R	9' cord w/NEMA 5-15P Plug	surge & circuit breaker	N	No	1, 2, 3, 4
	PD-1415C-NS	PD	57"	15 Amp	14	5-15R	9' cord w/NEMA 5-15P Plug	circuit breaker only	N	No	1, 3
 20 Amp	PD-620C-NS	PD	26-1/2"	20 Amp	6	5-20R	9' cord w/NEMA 5-20P Plug	circuit breaker only	E	No	1, 3
	PD-1020C-NS	PD	40"	20 Amp	10	5-20R	9' cord w/NEMA 5-20P Plug	circuit breaker only	J	No	1, 3
	PD-1220C-NS	PD	57"	20 Amp	12	5-20R	9' cord w/NEMA 5-20P Plug	circuit breaker only	N	No	1, 3
30	PD-2X1215TL-30CB	PD	56-1/2"	30 Amp	24	5-15R	9' cord w/NEMA L5-30P Plug	circuit breaker only	N	No	5, 6

Spec. # 96-01067 

PD Series		PDT Series		PD Slim Series		Corded Plugs		
								
NEMA 5-15R	NEMA 5-20R	NEMA 5-15R	NEMA 5-20R	NEMA 5-15R	NEMA 5-20R	NEMA 5-15P	NEMA 5-20P	NEMA L5-20P
used in 15 Amp models	used in 20 Amp models	used in 15 Amp models	used in 20 Amp models	used in 15 Amp models	used in 20 Amp models	used in 15 Amp circuits	used in 20 Amp circuits	used in 20 Amp circuits



# Vertical Power – Hardwired

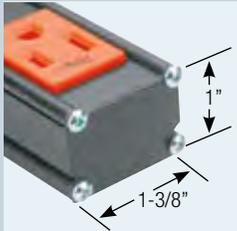


## PDT Series is an Installer Favorite

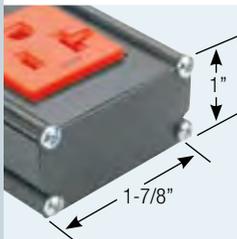
### Field Configurable Power Strip

All hardwired PDT Series models can be configured as:

- Isolated (technical) or non-isolated ground
- Single or dual circuit



PDT 15 Amp Dimensions



PDT 20 Amp Dimensions



PD Dimensions

## PDT Series Model Details on Facing Page



Spec. #  
**96-01031**  
for full  
product  
info.

PDT-2X1015 - Ground facing J-Box



PDT-2X1015T - Ground facing away from J-Box



Spec. #  
**96-01031**  
for full  
product  
info.

PDT-2X1020 - Ground facing J-Box



PDT-2X1020T - Ground facing away from J-Box



## PD Series Model Details on Facing Page



Spec. #  
**96-938**  
for full  
product  
info.

Typical 6 outlet



Typical 10 outlet



Typical 12 outlet



J-Box

used in 15 and 20 Amp single, multiple and isolated ground circuits



3' Flex

with 8" tails used in 15 Amp single and dual circuits

## Additional Mounting Brackets See Illustrations on Facing Page

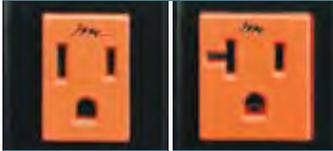
PB-90 bracket orients power outlets on any vertical power strip to the front or back of the enclosure\*. Allows mounting of power strips alongside mounted equipment in wider WRK Series racks. Use PB-5A brackets to mount Middle Atlantic Products power strips in AXS, Slim 5, RL, RLA and MK Series racks, or to the rackrail of any rack. To mount power strips in the SR and DWR Series wall racks, use PB-DWR brackets. Cable management clips available for PDT Series power strips, sold in packs of 6.

Part #	Description
PB-90	brackets mount vertical power to face front or back of any rack* (pair)
PB-5A	brackets to mount vertical power strips on rear rackrail (pair)
PB-DWR	brackets to mount vertical power strips in DWR & SR Series wall racks (pair)

\*Requires LBFR-5A-xx to mount inside Slim 5 or AXS Series Racks

# Vertical Power – Hardwired

## PDT Series Outlet Styles



**NEMA 5-15R**  
used in 15 Amp models

**NEMA 5-20R**  
used in 20 Amp models

## PD Series Outlet Styles



**NEMA 5-15R**  
used in 15 Amp models

**NEMA 5-20R**  
used in 20 Amp models

**NEMA 5-20R(IG)**  
used in 20 Amp models w/ isolated (technical) ground

## PDT Series

	Part #	Chassis Style	Circuits	# of Outlets	Outlet Type	Chassis Length	Termination	Wire Gauge	Isolated (Technical) Ground	Circuit Arrangement	Fits Racks Coded	Standard Number
	15 Amp PDT-2X1015	PDT	(2) 15 Amp	20	5-15R	72-3/4"	J-Box	12	Field Configurable	1-2-1-2-1-2-1-2-1-2-1-2-1-2-1-2-1-2-1-2-1-2	<b>P</b>	1, 2
	PDT-2X1015T	PDT	(2) 15 Amp	20	5-15R	72-3/4"	J-Box	12	Field Configurable	1-2-1-2-1-2-1-2-1-2-1-2-1-2-1-2-1-2-1-2-1-2	<b>P</b>	1, 2
	20 Amp PDT-2X1020	PDT	(2) 20 Amp	20	5-20R	72-3/4"	J-Box	12	Field Configurable	1-2-1-2-1-2-1-2-1-2-1-2-1-2-1-2-1-2-1-2-1-2	<b>P</b>	1, 2
	PDT-2X1020T	PDT	(2) 20 Amp	20	5-20R	72-3/4"	J-Box	12	Field Configurable	1-2-1-2-1-2-1-2-1-2-1-2-1-2-1-2-1-2-1-2-1-2	<b>P</b>	1, 2

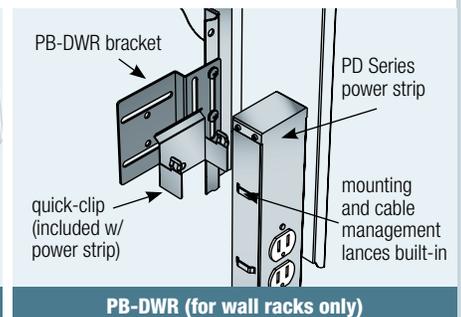
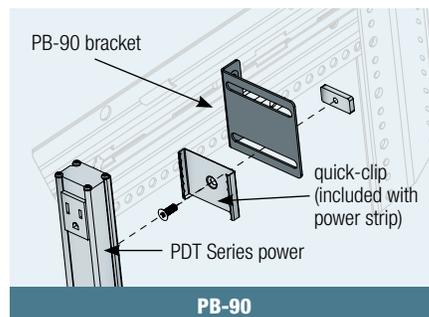
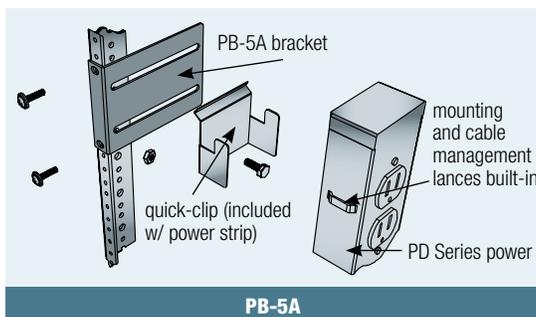
## PD Series

	Part #	Chassis Style	Circuits	# of Outlets	Outlet Type	Chassis Length	Termination	Wire Gauge	Isolated (Technical) Ground	Circuit Arrangement	Fits Racks Coded	Standard Number
	15 Amp PD-1215J-S	PD	(1) 15 Amp	12	5-15R	30-1/2"	J-Box	14	No	1-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1	<b>E</b>	1, 2
	PD-1215	PD	(1) 15 Amp	12	5-15R	57"	3/8" flex, 36" length	14	No	1-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1	<b>N</b>	1, 2
	PD-2X615	PD	(2) 15 Amp	12	5-15R	57"	3/8" flex, 36" length	14	No	1-1-2-2-1-1-2-2-1-1-2-2-1-1-2-2-1-1	<b>N</b>	1, 2
	20 Amp PD-620J-IG	PD	(1) 20 Amp	6	5-20R	30-1/2"	J-Box	12	Yes	1-1-1-1-1-1-1	<b>E</b>	1, 2
	PD-1020J-IG	PD	(1) 20 Amp	10	5-20R	44"	J-Box	12	Yes	1-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1	<b>J</b>	1, 2
	PD-2X620J	PD	(2) 20 Amp	12	5-20R	61"	J-Box	12	No	1-1-2-2-2-1-1-2-2-2-1-1-2-2-2-1-1-2-2-2-1	<b>N</b>	1, 2
	PD-1220J-IG	PD	(1) 20 Amp	12	5-20R	61"	J-Box	12	Yes	1-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1	<b>N</b>	1, 2
	PD-1220J	PD	(1) 20 Amp	12	5-20R	61"	J-Box	12	No	1-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1	<b>N</b>	1, 2

1. Conforms to UL Standard 5

2. Certified to CSA Standard C22.2 No. 62

## Additional Mounting Brackets



# Rackmount Power Distribution, Control, and Sequencing

**NEW!**

## Rackmount Power

Includes Signal-Safe™ Power Cord Technology



EIA/TIA Compliant



Spec. #  
**96-939**  
for full  
product  
info.

Spec. #  
**96-01041**  
for full  
product  
info.

PD-915RV-RN



**PD-915R-PL**



**PD-915R and PD-915RC-20**



**PD-815R-PL**



**PD-915RV-RN**



**PD-920R-NS**



**PD-815RA-PL**



**PD-920R and PD-920RC-20**



typical rackmount power shape

Part #	# of Circuits	Amperage	Front Outlets	Rear Outlets	Surge Protection	Finish	Cord Length	Chassis Depth	LED Light Options**	Front Power Switch	Outlet Orientation
PD-915R-PL	1	15 Amp	1 (15 Amp)	8	Yes	powder coat	9'	9"	—	LED Only	horizontal
PD-815R-PL	1	15 Amp	—	8	Yes	powder coat	9'	9"	—	LED Only	horizontal
PD-815RA-PL	1	15 Amp	—	8	Yes	brushed & anodized	9'	9"	—	LED Only	horizontal
PD-915RV-RN	1	15 Amp	1 (15 Amp)	8	Yes, 2-stage w/ remote notification	powder coat	9'	9"	front & rear	Yes	vertical
PD-915R	1	15 Amp	1 (15 Amp)	8	Yes	powder coat	9'	9"	—	Yes	horizontal
PD-915RC-20	1	15 Amp	1 (15 Amp)	8	Yes	powder coat	20'	9"	—	Yes	horizontal
PD-920R	1	20 Amp	1 (15 Amp)	8	Yes	powder coat	9'	9"	—	Yes	horizontal
PD-920RC-20	1	20 Amp	1 (15 Amp)	8	Yes	powder coat	20'	9"	—	Yes	horizontal
PD-920R-NS	1	20 Amp	1 (15 Amp)	8	No	powder coat	9'	9"	—	Yes	horizontal

\*\*LED model # LT-GN, see pg. 114

## Dry Contact Controlled Power, Ideal for Simple Reboot

Includes Signal-Safe™ Power Cord Technology

This simple, cost effective approach means that you can use an existing control system, or even a simple remote switch, to control system component power. Ideal for rebooting components or providing an easy user power-down capability.



Spec. #  
**96-01136**  
for full  
product  
info.

- No computer required; use existing control system or remote power switches
- Either 2 or 6 contact-closure controlled outlets on rear depending on model
- Settings for momentary or maintained control style, normally open or normally closed
- Built-in 2-stage surge suppression with remote notification
- 9 total outlets (1 on front unswitched, 8 on rear)
- LED power indicators



**PDC-915R-2** (2 controlled outlets)



**PDC-915R-6** (6 controlled outlets)



outlet and surge status notification

typical shape

Part #	# of Circuits	Amperage	Front Outlets	Rear Outlets		Surge Protection	Cord Length	Chassis Depth	Front Power Switch
				# of Controlled Outlets	# of Non-Controlled Duplex Outlets				
PDC-915R-2	1	15 Amp	1	2	2	Yes, 2-stage w/ remote notification	9'	9"	Yes
PDC-915R-6	1	15 Amp	1	6	6	Yes, 2-stage w/ remote notification	9'	9"	Yes

## 6-Step Sequencing

Includes Signal-Safe™ Power Cord Technology



EIA/TIA Compliant



Spec. #  
**96-940**  
for full  
product  
info.

Power units that feature sequencing allow you to control the order the equipment is powered on & off. This reduces the possibility of circuit overload due to excessive in-rush current. Additionally, powering on amplifiers after source or processing equipment protects speakers from damage.

- Local or remote control
- Adjustable sequencing delays up to 6 seconds
- LED power indication



**PDS-615R**



**PDS-620R**



**PDS-2X315R**

Part #	# of Circuits	Amperage	Channels of Sequencing	# of Sequenced Outlets	# of Non-Sequenced Outlets	Surge Protection	Cord Length	Chassis Depth	Front Power Switch
PDS-615R	1	15 Amp	6	6 (1 per channel)	1	No	9'	9"	Yes
PDS-2X315R	2	15 Amp	6	6 (1 per channel)	1	No	9'	9"	Yes
PDS-620R	1	20 Amp	6	6 (1 per channel)	1 (15 Amp)	No	9'	9"	Yes

Custom times available - call for details.



## Multi-Mount™ Rackmount Power



Spec. #  
**96-01095**  
for full  
product  
info.

The versatile mounting options, compact form factor and high outlet density let installers put outlets wherever they need them.

### All models feature:

- Reversible, adjustable mounting ears for flexible installation options
- Mixed outlet orientations to accommodate various plug types
- Compact form factor takes up minimal space
- SignalSafe™ power cord minimizes the effects of AC magnetic fields

### Surge protected models also feature:

- Two stages of protection, with remote and local surge status notification
- LED power indication



Part #	# of Circuits	Amperage	Front Outlets	Rear Outlets	Surge Protection	Cord Length	Chassis Depth	Front Power Switch
PD-1815R-RN	1	15 Amp	9	9	Yes, 2-stage w/remote notification	9'	4"	—
PD-1820R-RN	1	20 Amp	9	9	Yes, 2-stage w/remote notification	9'	4"	—
PD-2015R-NS	1	15 Amp	10	10	No	9'	4"	—
PD-2015R-HH-NS	1	15 Amp	10	10	No	9'	4"	illuminated switch/combo breaker for front 10 outlets only
PD-2020R-NS	1	20 Amp	10	10	No	9'	4"	—

## Multi-Mount™ 3-Step Sequencing



Spec. #  
**96-01095**  
for full  
product  
info.

Power units that feature sequencing allow you to control the order the equipment is powered on and off. This reduces the possibility of circuit overload due to excessive in-rush current. Additionally, powering on amplifiers after source or processing equipment protects speakers from damage.

- Local or remote control
- Adjustable sequencing delays up to 6 seconds
- LED power indication

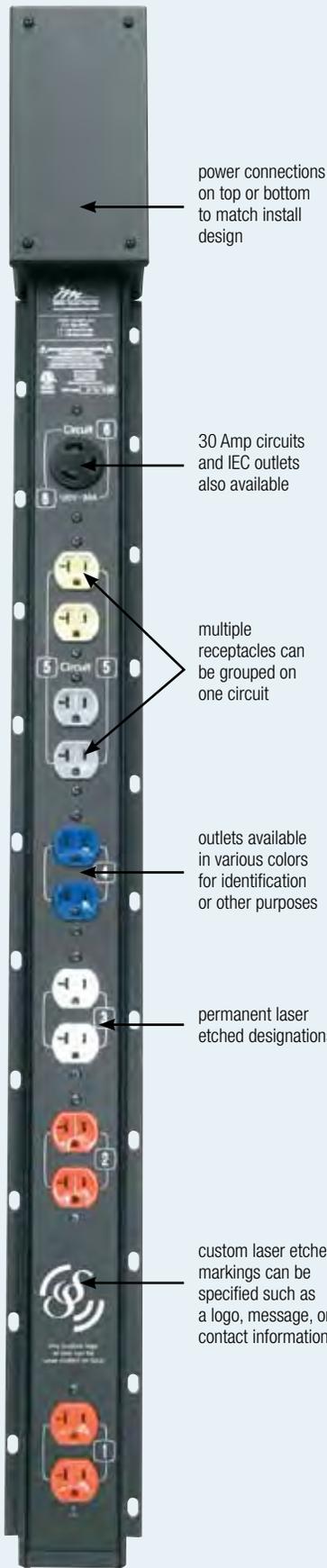


Part #	# of Circuits	Amperage	Channels of Sequencing	# of Sequenced Outlets	# of Non- Sequenced Outlets	Surge Protection	Cord Length	Chassis depth	Front Power Switch
PDS-1615R	1	15 Amp	3	6 (2 per channel)	10	Yes, 2-stage with remote notification	9'	4"	No
PDS-1620R-NS	1	20 Amp	3	6 (2 per channel)	10	No	9'	4"	No

Custom times available - call for details.



Example showing 6 circuits and other choices with junction box on top



power connections on top or bottom to match install design

30 Amp circuits and IEC outlets also available

multiple receptacles can be grouped on one circuit

outlets available in various colors for identification or other purposes

permanent laser etched designations

custom laser etched markings can be specified such as a logo, message, or contact information

## PDW Series Multi-Circuit, High Capacity Power Distribution

**Up to Twenty 15 Amp, 20 Amp, or up to Eight 30 Amp Circuits, Made to Your Spec in Less Than One Week!**



PDW Series power strips now have more capabilities than ever!

Use the on-line configurator ([www2.middleatlantic.com/PDW](http://www2.middleatlantic.com/PDW)) to choose the best arrangement for your job and it can be on its way to you in less than one week. You get the benefits of a custom strip with the speed & certification of a standard product.

- Large standard capacity: up to twenty 15 Amp or 20 Amp circuits, or up to eight 30 Amp circuits. You can even mix circuit types on one strip
- Group receptacles to circuits to match job needs
- Choose the details you need – outlet color and orientation, ground type (including individual or common conductors), and termination
- Web-based configurator helps you specify and order
- No more missing labels – specify your circuit numbers with permanent laser markings
- Reordering is easy using the same configurator-generated part number
- More choices than any other power strip on the market

Custom times available - call for details.

### Available Termination Choices Include



### On-Line Configurator - link on home page under "Tools"



## Branch Circuits and Receptacle Types

			<b>15 Amp</b>		
<b>15 Amp</b>	<b>20 Amp</b>		Up to 20 Circuits (60 outlets) 120V or 250V		
Up to 20 Circuits (40 outlets) 120V	Up to 20 Circuits (40 outlets) 120V			Up to 20 Circuits (20 outlets) 120V or 250V	Twist-Lock Up to 8 Circuits (8 outlets) 120V or 250V

## Grounding

		Individual or Common Ground Conductors		
<b>Non-Isolated</b>	<b>Isolated (Technical)</b>	<b>Surge Protection available for all circuits</b>	<b>Ground prong up or down</b>	

## Receptacle Colors - PDW strips can have up to 20 receptacles

<b>White</b>	<b>Blue</b>	<b>Ivory</b>	<b>Grey</b>	<b>Brown</b>	<b>Black</b>	Isolated Ground Outlets are only available in Orange	Twist-Lock Outlets are black (20 Amp and 30 Amp)

## Terminations - Choice of top or bottom

<b>Junction Box</b>	<b>Adapter Box &amp; Nipple</b>	<b>Flexible 'Greenfield' Conduit</b>
<b>Available Sizes: (inches)</b> 8L x 6W x 3H 8L x 5W x 3H 8L x 4W x 3H 6L x 6W x 3H	<b>Adapter Box Size: 3L x 4W x 3H</b> Nipple w/ locknut & bushing Trade Size: 1" or 1.25" Lengths: 2", 4" or 6"	<b>Adapter Box Size: 3L x 4W x 3H</b> Trade Size: 1" or 1.25" Length: 1ft. - 25ft. (All lengths include an insulated ground wire)*

\* Per 2008 NEC article 250.118, all flexible metal conduit over 6ft. in length must include a separate grounding conductor.

## Markings Customized to Your Specifications - permanently laser-engraved

	Custom Circuit/ Receptacle ID markings		Text and Graphics/Logos are also available
		Any custom logo or text can be laser etched on face	

### Ordering is Easy

Use our intuitive online PDW configurator at [www2.middleatlantic.com/PDW](http://www2.middleatlantic.com/PDW). Then submit online or by email ([sales@middleatlantic.com](mailto:sales@middleatlantic.com)).



# Multi-Circuit Configurable Vertical Power

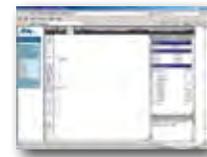
## Step 1 – Raceways



Available in four sizes to accommodate 3, 6, 8 or 9 power modules, modular raceways provide a rugged housing that allows the user to configure the right power distribution system for the application. Constructed of 18-gauge steel, each raceway features electrical knockouts for cable entry, an integral J-Box with removable cover and abundant cable lacing points along both sides.



Part #	# of Power Modules Accommodated	Overall Length	Fits Racks Coded
MPR-3	3	32"	<b>E</b>
MPR-6	6	56"	<b>N</b>
MPR-8	8	72"	<b>R</b>
MPR-9	9	80"	<b>V</b>



**MPR Configurator**  
mpr.middleatlantic.com

## Step 2 – Power Modules

All modules utilize a unique genderless connector to daisy-chain AC power to other modules on the same circuit. Modules fit any MPR Series raceway, are manufactured from 18-gauge steel and feature a durable black powder coat finish.



Part #	Amperage	Control	Status	Circuits
RLM-15	15	contact closure, local switch	LED & contact closure	1
RLM-20	20	contact closure, local switch	LED & contact closure	1
RLM-20IG	20/isolated (technical) ground	contact closure, local switch	LED & contact closure	1
M-15	15	–	–	1
M-2X15	15 dual or single circuit	–	–	1 or 2
M-20	20	–	–	1
M-2X20	20 dual or single circuit	–	–	1 or 2
M-20IG	20/isolated (technical) ground	–	–	1
M-2X20IG	20/isolated (technical) ground dual or single circuit	–	–	1 or 2
M-30TL-HW	30	–	–	1

### RLM Series Advanced Modules

The RLM Series power module can be controlled remotely by contact closure and uses an oversized 30 Amp relay for reliability. Units can also be powered on and off using the switch provided on the module. These modules additionally provide contact closure output for remote status as well as a local LED status display.

### M Series Basic Modules

The M Series power module is always on when connected to constant power and does not provide status indication. Dual duplex modules are available with installers' choice of 1 or 2 circuits (field configurable).

**HOT TIP!** The M module can be switched inexpensively via the RLM modules when connected with a JMS Series master/slave jumper.

### M Series 30 Amp Hardwired Module

The M-30TL-HW 30 Amp, hardwired always on module mounts in any MPR raceway. This basic, hardwired module will allow addition of a single unswitched outlet, 30 Amp circuit to any MPR system (NEMA L5-30R outlet). Must be field wired.

**HOT TIP!** Fan Control Modules available, see pg. 121



Multi-Circuit Configurable Vertical Power

# Multi-Circuit Configurable Vertical Power

## Step 3 – Module Connections

### J Series Jumpers

J Series jumpers interconnect power modules, providing AC power to all modules on the same circuit. Pre-terminated jumpers feature convenient genderless connectors at both ends. Sold in packs of 6.

### T Series Tails

T Series tails connect incoming power to a single circuit within a raceway. One tail required per circuit. Each tail features a pre-terminated connector that plugs into a module at one end, and wire tails for J-Box connection on the other. Sold in packs of 6.

### JMS Master/Slave Jumper

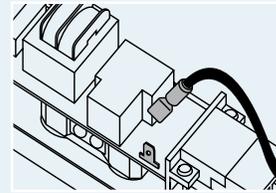
Economical M Series basic modules can be controlled by advanced RLM Series modules on the same circuit, utilizing the JMS master/slave jumper. Sold in packs of 6.



**J-24X6**  
jumper



**T-80X6**  
tails



**JMS-6X12**  
master/slave jumper



Interconnect modules with our unique genderless connector. Quick and safe - no hardwiring required!

Part #	Jumper Length	Termination	Quantity
J-12X6	12"	connector on each end	sold in packs of 6
J-24X6	24"	connector on each end	sold in packs of 6
J-72X6	72"	connector on each end	sold in packs of 6
T-24X6	24"	connector on one end, tails on the other	sold in packs of 6
T-80X6	80"	connector on one end, tails on the other	sold in packs of 6
JMS-12X6	12"	connector on one end, connector plus push-on terminal on the other	sold in packs of 6

## MPR Accessories

### G-8X10 Ground Wires

Set of ten 8" ground wires with ring terminals (one end) simplifies attachment of multiple ground wires to a supplemental grounding stud.

Part #	Description
G-8X10	ten 8" ground wires

### Surge Suppression

MPR-SS transient voltage surge suppressor provides protection for MPR Series modules when mounted in raceways. Mount up to two in integral J-Box with supplied double-stick tape, use one per circuit.

Part #	Description
MPR-SS	MPR surge suppressor, single circuit

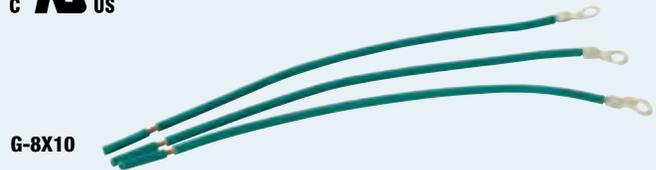
### Blank Covers

Part #	Description
MPR-BL	blank cover for MPR raceways to close any unused module opening, sold in packs of 6

### Raceway Extensions

The raceway extensions increase the cubic volume of the raceway for field connection terminations to accommodate large amounts of circuits. The MPR-E1 is ideal for use anywhere on the raceway, and the MPR-JBE J-Box extender is optimized for use on the J-Box.

Part #	Description
MPR-E1	module extension
MPR-JBE	J-Box extension



**G-8X10**



**MPR-SS**



**MPR-E1**

**MPR-JBE**



with **MPR-E1**

with **MPR-JBE**

raceway extensions provide additional space for field wiring connection terminations (side removed for clarity)

For Sequencing Controllers for MPR and Contact Closures see pg. 108.



# Sequencing Controllers and Remote Switches

## Sequencing Controllers for MPR and Contact Closure - Triggered Devices



Six-step sequencing provided by rackmount USC-6R sequencer, raceway mount MPR-SEQ or stand-alone MPR-SEQ-1C. Provides sequencing to any AC power distribution system that can be controlled by low voltage switch closure. Sequencing may be initiated locally via convenient front panel switch or by any momentary contact closure switch (single pole, double throw, center off). Remote switches are also available. The single rackspace USC-6R rackmount sequencer additionally features an interval delay selector of 1, 3 or 6 seconds between steps and four different start delay settings to allow up to three USC-6R units to be interconnected to operate as a single, 18-step unit.



Part #	Description	Steps	Control Options	Interval Delay*
MPR-SEQ	raceway mount controller	6 individually sequenced	contact closure	2 seconds
MPR-SEQ-1C	stand-alone controller	6 individually sequenced	contact closure	2 seconds
USC-6R	rackmount sequencing controller	6 individually sequenced	contact closure	1, 3, or 6 seconds

Custom times available - call for details.

## Remote Switches

A remote switch or key that provides remote up/down sequence initiation. Status LED indicators are also provided on some switches and connect to our USC-6R Universal Sequencing Controller via a convenient RJ-45 jack and terminal block. Decora® mount switches mount only to Middle Atlantic Products with Decora® shaped openings (panels and racks).



Part #	Description	Controls
USC-SWL	remote wall plate switch with LED status indicators	USC-6R
USC-KL	remote wall plate keyswitch with LED status indicators	USC-6R
USC-SW	remote wall plate switch (no LEDs)	MPR-SEQ, MPR-SEQ-1C, PDS Series, USC-6R
USC-K	remote wall plate keyswitch (no LEDs)	MPR-SEQ, MPR-SEQ-1C, PDS Series, USC-6R
K-DEC*	remote Decora® mount keyswitch (no LEDs)	MPR-SEQ, MPR-SEQ-1C, PDS Series, USC-6R
S-DEC*	remote Decora® mount switch (no LEDs)	MPR-SEQ, MPR-SEQ-1C, PDS Series, USC-6R
USC-KEY	additional set of keys for USC-KL or K-DEC	-

\*Mounts ONLY in Middle Atlantic Products Decora® openings (panels and racks).

Sequencing Controllers and Remote Switches



# Controllable Units

## RLM Series Advanced Stand-Alone Modules

Includes SignalSafe™ Power Cord Technology

The RLM Series power module can be controlled remotely by any maintained contact closure (including the USC-6R) and uses an oversized 30 Amp relay for reliability. Units can also be powered on and off using the switch provided on the module. These modules additionally provide contact closure output for remote status as well as a local LED status display.



RoHS  
Intertek

Spec. #  
**96-01062**  
for full  
product  
info.

## 30 Amp Hardwired Stand-Alone Modules

30 Amp stand alone power modules provide switchable power distribution for components requiring 30 Amp power. These modules can be controlled locally or remotely by using Middle Atlantic Products' Universal Sequencing Controller, model # USC-6R or by any controller that sends 12 volt DC or contact closure outputs.

Part #	Amperage	Controls	Status
RLM-15-1C	15 Amp	contact closure, local switch	LED & contact closure
RLM-20-1C	20 Amp	contact closure, local switch	LED & contact closure
RLM30-L530-1	30 Amp*	contact closure, local switch	LED & contact closure
RLM30-L520-1	20 Amp*	contact closure, local switch, 12VDC	LED & contact closure

\*Twistlock receptacles



RoHS  
Intertek

Spec. #  
**96-01007**  
for full  
product  
info.

## Pre-Configured MPR Series Power Distribution

Designed to save installation time, the factory-assembled MPR raceways utilize six power modules. These twelve outlet vertical strips connect to one or two 20 Amp circuits\* and feed six 20 Amp duplexes (12 outlets). Each duplex can be independently controlled with the USC-6R Universal Sequencing Controller, or with any other sequencing controller that provides a maintained switch closure output. The PCR Series pre-configured raceways are 56" long, terminate in an integral junction box, are manufactured using 18-gauge steel and feature a durable black powder coat finish.



PCR-2X320

RoHS  
Intertek

Spec. #  
**96-961**  
for full  
product  
info.

Part #	Circuit*	Termination	Overall Length	Fits Racks Coded
PCR6	20 Amp (1)	J-Box	56"	N
PCR-2X320	20 Amp (2)	J-Box	56"	N

\*capable of up to 6 circuits when used with additional T Series tails.

# Rackmount Isolation Transformer & Load Center Systems

**NEW!**

Rackmount isolation transformer systems provide protected, same-phase, isolated, and conditioned 120VAC circuits to power residential and commercial AV systems, helping prevent power and grounding issues for critical and sensitive installations



**ISOCTR-5R-240/208-NS**  
(front view)



**ISOCTR-5R-240/208-NS**  
(rear view)



**ISOCTR-5R-240/208-2**  
(rear view)



A newly derived AV reference ground helps prevent ground loops and provides the lowest possible noise floor for high gain applications. Operating at efficiencies greater than 98% and performing an automatic shutdown if hazardous input voltage conditions are detected IsoCenter™ and PowerCore™ Systems provide the critical foundation for optimal system performance. Negligible audible noise & negligible magnetic leakage (less than half that of a standard power brick) means that these systems can be installed directly inside the equipment rack, where it is most beneficial.



Spec. #  
**96-01118**  
for full  
product  
info.  
A&E

**IsoCenter models feature:**

- Effective AV system isolation from electrical noise such as power line harmonics caused by lighting dimmers
- Very high efficiency toroidal transformer – greater than 98%
- Reduction in installation labor and material cost by using a higher voltage feeder and integrated branch circuit breakers
- Multiple 20 Amp branch circuits
- Hardwired branch circuit(s) provide the means to extend the ground reference benefits out to remote systems/locations
- Newly derived AV reference ground helps minimize ground loop noise and provides the lowest possible noise floor for high gain applications
- All circuits on the same phase
- 100,000 Amp 2-stage Surge & Spike Protection with dry contact surge status notification to protect connected devices against power line surges & spikes
- Automatic shutdown if hazardous over and under input voltage is detected. Auto recovery when input voltage is back within normal range
- Negligible magnetic leakage (less than half that of a standard plug in power supply) allows the system to be installed right in the rack
- Inaudible acoustical noise (27dB, C-weighted, 1M)
- Helps prevent impact of voltage induction on ground wire feeder
- 5KVA capacity, for both single and multi-rack systems

**PowerCore models additionally feature:**

- Integrated Power Line Conditioning filters out high frequency power line noise across all branch circuits
- Integrated & adjustable branch circuit sequencing
- Safety Ground Current Monitoring with automatic shutdown for system and life safety protection
- Equipment Ground Current Leakage monitor alerts installing technician to potential problems that may lead to AV system noise
- Remote dry-contact control of power functions, cycling, and resets
- Enhanced aesthetics for high profile installations



**EP-CORE-5R-240**

Part #	Capacity	Input Voltage	Surge Protected	Sequencing	Remote Branch Circuit Extension	Safety Ground Monitoring	GroundSense Technology	Load Current Metering	Racking Height	Depth	Rear Mounting Range	Termination	Finish
EP-CORE-5R-240	5kVA	240V	100,000 Amps	Yes	Yes	Yes	Yes	Yes	10-1/2" (6 space)	16-3/4"	17-1/2"-25-3/4"	NEMA L6-30P	designer inspired milled black brushed and anodized
EP-CORE-5R-208	5kVA	208V	100,000 Amps	Yes	Yes	Yes	Yes	Yes	10-1/2" (6 space)	16-3/4"	17-1/2"-25-3/4"	NEMA L6-30P	designer inspired milled black brushed and anodized
ISOCTR-5R-240-2	5kVA	240V	100,000 Amps	-	Yes	-	-	-	7" (4 space)	14-3/8"	17-3/8" - 24-3/8"	NEMA L6-30P	black powder coat
ISOCTR-5R-208-2	5kVA	208V	100,000 Amps	-	Yes	-	-	-	7" (4 space)	14-3/8"	17-3/8" - 24-3/8"	NEMA L6-30P	black powder coat
ISOCTR-5R-240-NS	5kVA	240V	-	-	-	-	-	-	7" (4 space)	14-3/8"	17-3/8" - 24-3/8"	NEMA L6-30P	black powder coat
ISOCTR-5R-208-NS	5kVA	208V	-	-	-	-	-	-	7" (4 space)	14-3/8"	17-3/8" - 24-3/8"	NEMA L6-30P	black powder coat



## PowerCore™ Isolation Transformer

PowerCore Systems helps eliminate most common causes of hum and buzz including lighting system dimming noise, helps remove ground loop problems and prevents most control system reboots and lockups. Properly installed, PowerCore Systems eliminate the need for expensive rackmount surge/spike protection and power conditioners while providing dedicated power circuits for not only AV in the rack, but also for phone and security systems and TV's in bedrooms.

### Basic operation

A standard 240VAC or 208VAC feed is transformed into all in-phase 120VAC outputs with a new reference ground. PowerCore comes with an integrated main breaker/disconnect, and integrated branch circuit load center. StrikeShield™ surge protection and integrated power conditioning filter are pre-installed at the factory. Four standard sizes are available: 7.5 kVA – 25 kVA (62A to 208A output at 120VAC). Prewired, this compact unit is ready to be quickly installed.

Part #	Description
EP-CORE-25-240 EP-CORE-25-208	25kVA, PowerCore with Surge Protection and Filtering (240V and 208V inputs)
EP-CORE-15-240 EP-CORE-15-208	15kVA, PowerCore with Surge Protection and Filtering (240V and 208V inputs)
EP-CORE-10-240 EP-CORE-10-208	10kVA, PowerCore with Surge Protection and Filtering (240V and 208V inputs)
EP-CORE-7.5-240 EP-CORE-7.5-208	7.5kVA, PowerCore with Surge Protection and Filtering (240V and 208V inputs)



25 kVA stand-alone model shown

## PowerCore™ with Integrated UPS

### New combination is an industry-first, and provides unique capabilities

New offering combines the award-winning PowerCore isolation transformer systems from Exact Power with the latest version of the Middle Atlantic UPS tailored for AV to provide a unique new end-to-end power delivery system. This new system not only provides isolated, same-phase, conditioned power for your whole-house AV systems, but also adds backup power to entire branch circuits and provides web-enabled remote power functions.

- Centrally located hardwired UPS units back up branch circuits to replace local UPS units
- Remote IP outlet monitoring and control allows web-based troubleshooting and rebooting of specific devices
- System-wide surge and spike protection is built in
- All branch circuits are same-phase
- System is expandable and can be tailored to have the needed backed-up circuits & runtimes
- If you don't see the configuration you need below, call us and we can help

Part #	Capacity	2200VA UPS Qty/ Backed Branch Circuits	Dimensions H x W x D
CORE-7.5-240-U1	7.5kVA	1	59" x 22" x 26"
CORE-10-240-U1	10kVA	1	59" x 22" x 26"
CORE-10-240-U2	10kVA	2	59" x 22" x 26"
CORE-15-240-U1	15kVA	1	74" x 22" x 26"
CORE-15-240-U2	15kVA	2	74" x 22" x 26"
CORE-15-240-U3	15kVA	3	74" x 22" x 26"
CORE-25-240-U1	25kVA	1	74" x 22" x 26"
CORE-25-240-U2	25kVA	2	74" x 22" x 26"
CORE-25-240-U3	25kVA	3	74" x 22" x 26"
CORE-25-240-U4	25kVA	4	74" x 22" x 26"



shown with 2 UPS systems and 3 expansion battery backs for extended run time



as shown: 25kVA with integrated surge and spike protection

Don't see the combination you need? Contact us for assistance.





## StrikeShield™ Surge Protection Devices

Whole House Protection - don't let power surges from lightning, neighbors' power problems or other power supply transients damage sensitive electrical and electronic equipment!

### StrikeShield SPDs = Protection

StrikeShield SPDs (Surge protection Devices) are protective devices for limiting transient voltages and surges by quickly and safely diverting surge current. Their advanced design not only provides all-mode system protection, but is robust enough to provide a long life of protection over repeated transient events.

### Peace of Mind

StrikeShield SPDs install in parallel with the service entry. When the incoming voltage exceeds the safe limit, the StrikeShield™ unit reacts in less than a billionth of a second to divert the potentially damaging currents. Depending on the model, the unit's surge capacity can be as high as 200,000 Amps.

### The Technology

StrikeShield SPDs use high-performance protection technology to ensure both safety and long life, including:

- Minimizing component stress using advanced linear sharing design
- Maximizing the repetitive surge capacity using thermally protected MOVs
- Built-in noise attenuation capacitors to help reduce EMI and RFI noise interference

Together, these technical features deliver top-drawer protection even when hit with repeated surge events over the units life.

### Feature Overview

- Indicator lights for a visual check on the protection integrity of each phase
- Audible Alarm for real-time local notification (can be disabled if needed)
- NO and NC Dry Contacts for easy support of remote monitoring

### Product Safety

StrikeShield™ SPDs were designed and tested in compliance with leading national standards, including:

- UL 1449 3rd Edition Listed
- NEC Article 100/285
- IEEE
- CBEMA/ITIC
- NEMA LS

### All-Mode Protection

StrikeShield™ SPDs provide protection over all available modes as shown:

- L-N
- L-G
- N-G
- L-L



**IMPORTANT NOTE:** These devices are "Type II" as defined by the NEC and UL and should be connected at Electrical Service Entry ONLY.

Part #	Surge Capacity Per Mode	Surge Capacity Per Phase
EP-SS100-1S240	50 kA	100 kA
EP-SS200-1S240	100 kA	200 kA



## UPS System Features Pure Sine Wave Output, Optimized for System Performance

Includes SignalSafe™ Power Cord Technology

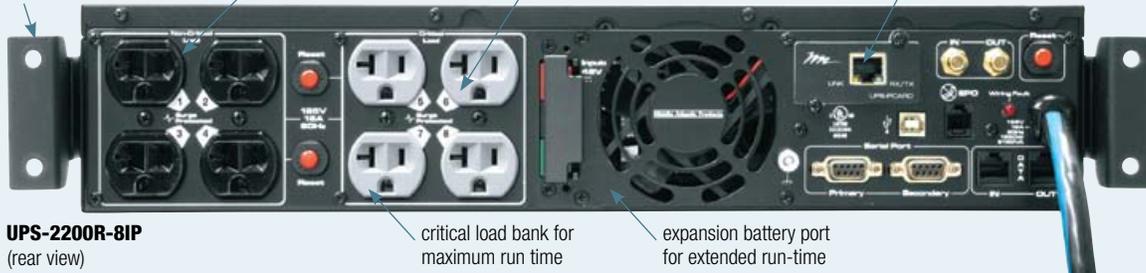


Spec. #  
**96-01101**  
for full  
product  
info.

**WEB-ENABLED!**

**UPS-2200R**  
(front view)

telescoping rear rack ears for secure installation      non-critical load bank for load shedding      individual outlet control on specific models      Web card expansion port



**UPS-2200R-8IP**  
(rear view)

critical load bank for maximum run time      expansion battery port for extended run-time

Try the UPS Runtime Calculator at [www.middleatlantic.com!](http://www.middleatlantic.com!)



Power Manager Software

### Features pure sine wave output, extremely fast 4 millisecond transfer time

- Pure Sine Wave technology; only 1.5% nominal total harmonic distortion (THD)
- Automatic Voltage Regulation ensures a stable 120VAC output
- Energy Saver circuitry – reduces UPS power consumption by up to 75% when compared with traditional UPS designs
- Compact rackmount chassis only 19" deep
- Non-critical load shedding and high capacity batteries extend run time for critical loads
- Models with individual outlet control available
- Fast 4 millisecond transfer time ensures no system disruption or equipment lockup
- Expansion Battery Pack option - Connect up to 10 to a single UPS for extended half-load run times up to 20 hours!
- Easily integrates with control systems using RS-232
- Hot swappable battery for easy service
- Power Manager software allows the configuration of vital system settings
- 3 year warranty on electronics
- Total of 8 surge protected outlets

### Now with Web-Based Control

- Each outlet can be individually controlled (IP and RS-232)
- Real time UPS monitoring via the Web
- Remote management and configuration of UPS via Web Browser or NMS
- Auto-shutdown to protect servers/workstations from data loss due to power failure
- Schedule shutdown/start-up/reboot of the UPS
- Event logging to trace UPS operational history
- Data logging for analyzing power conditions
- Event notification via email and SNMP traps
- Supports TCP/IP, SNMP/HTTP, NTP, DNS, SMTP protocol
- MIB provided
- Quick installation and user friendly interface
- User upgradeable firmware via FTP
- Security management provided

Part #	Description	Web Enabled	Outlet Controlled	Dimensions	Rackspaces	Termination
UPS-1000R	1000VA / 750W UPS	No	Critical/Non-critical Bank	17"W x 3.5"H x 19"D	3-1/2" (2 space)	9' cord w/NEMA 5-15P Plug
UPS-1000R-IP	1000VA / 750W UPS	Yes	Critical/Non-critical Bank	17"W x 3.5"H x 19"D	3-1/2" (2 space)	9' cord w/NEMA 5-15P Plug
UPS-1000R-8	1000VA / 750W UPS	No	Individual Outlet	17"W x 3.5"H x 19"D	3-1/2" (2 space)	9' cord w/NEMA 5-15P Plug
UPS-1000R-8IP	1000VA / 750W UPS	Yes	Individual Outlet	17"W x 3.5"H x 19"D	3-1/2" (2 space)	9' cord w/NEMA 5-15P Plug
UPS-2200R	2150VA / 1650W UPS	No	Critical/Non-critical Bank	17"W x 3.5"H x 19"D	3-1/2" (2 space)	9' cord w/NEMA 5-20P Plug
UPS-2200R-IP	2150VA / 1650W UPS	Yes	Critical/Non-critical Bank	17"W x 3.5"H x 19"D	3-1/2" (2 space)	9' cord w/NEMA 5-20P Plug
UPS-2200R-8	2150VA / 1650W UPS	No	Individual Outlet	17"W x 3.5"H x 19"D	3-1/2" (2 space)	9' cord w/NEMA 5-20P Plug
UPS-2200R-8IP	2150VA / 1650W UPS	Yes	Individual Outlet	17"W x 3.5"H x 19"D	3-1/2" (2 space)	9' cord w/NEMA 5-20P Plug
UPS-2200R-CH	2150VA / 1650W UPS	No	Critical/Non-critical Bank	17"W x 3.5"H x 19"D	3-1/2" (2 space)	9' cord w/NEMA 5-20P Plug input & hardwired output
UPS-2200R-HH	2150VA / 1650W UPS	No	Critical/Non-critical Bank	17"W x 3.5"H x 19"D	3-1/2" (2 space)	hardwired 36" flex cable input and hardwired output
UPS-EBPR	UPS Expansion Battery Pack	-	-	17"W x 3.5"H x 19"D	3-1/2" (2 space)	-
UPS-IPCARD	UPS Network Interface Card	Yes	-	-	-	-
UPS-RBP	UPS Replacement Battery Pack	-	-	-	-	-



# Rackmount Lighting

## Rackmount Lighting



Spec. #  
**96-01044**  
for full  
product  
info.

Retractable LED light provides evenly distributed illumination for component viewing.



**PDLT-815RV-RN**  
shown closed



**LT-1RA**  
shown closed



**PDLT-815RV-RN**  
shown with light  
out and lit

Part #	# of circuits	Amperage	Rear Outlets	Surge Protection	Cord Length	Chassis depth	Finish
PDLT-815RV-RN	1	15 Amp	8	Yes, 2-stage with remote notification	9'	13-1/2"	black powder coat
PDLT-815RVA	1	15 Amp	8	Yes	9'	13-1/2"	black brushed and anodized
LT-1R			light only		9'	13-1/2"	black powder coat
LT-1RA			light only		9'	13-1/2"	black brushed and anodized

## Gooseneck Rack Lights

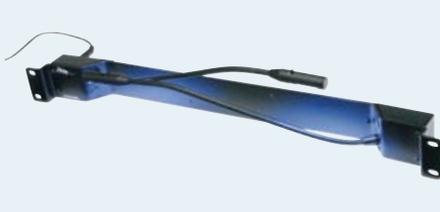
These bright rack lights (187 Lumens\*) allow for more rack visibility, and the flexible strong gooseneck lets you direct the light where it is needed most. The reliable, long lasting LEDs have a 20,000 hour bulb life, and these lights include an on/off button for instant control. Available as single light with USB connector or 120V adapter, or as a rackmount panel with dual gooseneck lights. (\*Contact us for details.)



**LT-GN**



**LT-GN-PL**



**LT-GN-PNL**



**LT-GN-PNL shown in use**

Part #	Description	Powered By
LT-GN	gooseneck LED light with USB connector	PDLT-815RVA, PD-915RV-RN, LT-1Rx or any computer w/ standard USB port
LT-GN-PL	gooseneck LED light with 120V adapter	any 120V power outlet, including vertical power strips
LT-GN-PNL	one rackspace rackmount panel with dual gooseneck LED lights	any 120V power outlet, including vertical power strips

## Gooseneck Magnetic LED Worklight

This ultra bright worklight illuminates the inside of racks, for easy viewing of equipment and cabling during system installation and servicing. 32 LED lights are positioned at the ideal angle for high visibility and brightness – measured to be 395 Lumens\*. Flexible 16" long gooseneck allows light to be directed where it is needed most, and the strong, scratch resistant magnetic base attaches to any steel surface.

(\*Contact us for details.)

Part #	Description
LT-GN-WL	magnetic worklight, gooseneck, Includes 32 LED Lights



## LT-DEC LED Light



Spec. #  
**96-01046**  
for full  
product  
info.

Designed to fit any standard Decora® device opening, the LT-DEC opens and illuminates when pressed. Running on a standard included 12 VDC power supply, multiple units can be daisy-chained together to use only one outlet with the JDC-12X18 jumper. The jumper reduces the number of power supplies required for an installation and can be used to power the LT-DEC light and TEMP-DEC temperature display, see pg. 121. Pre-configured panels are available with select pre-installed Decora products.

Part #	Description
LT-DEC	retractable LED light
LT2P	one space panel, pre-configured with 2 LT-DEC lights
LT2-T1P	one space panel, pre-configured with 2 LT-DEC lights, 1 TEMP-DEC temperature display
JDC-12X18	18", 12 volt DC jumper wire, 2 pieces



**LT-DEC**  
shown with  
light out and lit



**LT2P**



**LT2-T1P**



# Work Light and RPS Series Remote Power Switch

## Magnetic Work Light

**ENHANCED!**

Designed for use when installing and servicing equipment, the WL-60 provides convenient illumination in rack enclosure interiors. The unit features a strong, scratch resistant magnetic base that attaches to any steel surface and a quadruple-jointed support arm makes it easy to aim the light, which stays where you put it.

The WL-60 now includes a 13 watt fluorescent bulb, aluminum shade with on/off switch and an ultra-long 18' line cord that eliminates the need for an extension cord.

Part #
WL-60



## RPS Series Remote Power Switch

The RPS Series remote power switch provides the ability to power complete 15 Amp systems on and off without the need to access equipment. Perfect for installations where it is desirable to keep users from having the ability to make any adjustments, the RPS Series power switch mounts in the face of select racks, and is also available to mount in a single space panel or UCP Series Universal Connector Panel. Available with a switch or with a keylock when security is a concern, the RPS has been tested in the most demanding situations. The RPS fits in any Decora® device opening, features removable ears and can also be mounted to any flat surface. The RPS has an internal 21 Amp switch (no relay!) for enhanced reliability and longevity.

DWR, SR, TOR, ISRK and PTRK Series enclosures feature knockouts for mounting of the RPS Series remote power switch without the need for any additional accessories.



7' cord reaches power placed within any enclosure

**RPS**  
switched remote power switch



**RPS-K**  
keylocked remote power switch



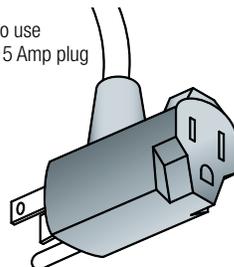
Part #	Description
RPS	15 Amp remote power switch
RPS-K	15 Amp remote power switch, keylocked

**UL File #: E232496 UL Standard #: 244A: Appliance Controls 120 VAC, 15 Amps, 60 Hz**

Need additional keys? Replacement sets are available, sold in sets of two.

Part #	Description
RPS-KEY	additional set of 2 keys

features easy to use "Piggy-back" 15 Amp plug



**Remote Power Switch**

RPS Series remote power switch provides remote power control of system within enclosure, face, top and bottom of DWR, SR, TOR, ISRK and PTRK enclosures



# SignalSafe™ IEC Power Cords

## Maintain Signal Integrity - Insist on SignalSafe™ Technology



**SignalSafe™ Design**

incorporates tightly twisted conductors to virtually eliminate AC magnetic fields

RoHS C US LISTED

Spec. # **96-01081**  
for full product info.

Unwanted AC magnetic fields can infiltrate the signal path & cause problems in your installed systems. Power cords under load, especially long ones, are sources of AC magnetic fields. To minimize these effects in your systems, look for the stripe that identifies the SignalSafe technology. SignalSafe power cords feature tightly twisted conductors to reduce the effects of AC magnetic fields.

### 4 key benefits:

1. Minimize AC magnetic interference: SignalSafe wiring cuts magnetic field strength by more than 80% over standard rubber power cords – now power and signal wiring paths can be closer than ever without interference
2. Neater installations: SignalSafe cords come in 6 lengths from 6” to 48”. Eliminating excess cable length improves cable management, appearance, and assists cooling airflow
3. More plug style options: Choose from straight plugs, or right or left angled, whatever meets your needs best.
4. Color coded: Standard SignalSafe cords are identified with a bold blue stripe. New contrasting red stripe option can help you identify separate circuits.



**Insist on the stripe for signal Integrity!**

**Shown - with manufacturer supplied power cords**

**Shown - using the correct length IEC power cord**

**Angled plugs available**

left      right      also available in red stripe for circuit separation

6" Length Part # **	12" Length Part # **	18" Length Part # **	24" Length Part # **	36" Length Part # **	48" Length Part # **	Plug Type	Cord Stripe color	Wire Gauge	Qty.
IEC-6X4	IEC-12X4	IEC-18X4	IEC-24X4	IEC-36X4	-	Straight	Blue	14	4
IEC-6X20	IEC-12X20	IEC-18X20	IEC-24X20	IEC-36X20	IEC-48X20	Straight	Blue	14	20
IEC-6X20-RED	IEC-12X20-RED	IEC-18X20-RED	IEC-24X20-RED	IEC-36X20-RED	IEC-48X20-RED	Straight	Red	14	20
IEC-6X100	IEC-12X100	IEC-18X100	IEC-24X100	IEC-36X100	IEC-48X100	Straight	Blue	14	100
IEC-6X20-90L	IEC-12X20-90L	IEC-18X20-90L	IEC-24X20-90L	IEC-36X20-90L	IEC-48X20-90L	Low-Profile Left Hand	Blue	14	20
IEC-6X20-90R	IEC-12X20-90R	IEC-18X20-90R	IEC-24X20-90R	IEC-36X20-90R	IEC-48X20-90R	Low-Profile Right Hand	Blue	14	20
IEC-6X20SC*	IEC-12X20SC*	IEC-18X20SC*	IEC-24X20SC*	IEC-36X20SC*	IEC-48X20SC*	Straight	Blue	18	20

\* Denotes cable/satellite cord. \*\* Length refers to the cord only, and does not include the connectors.

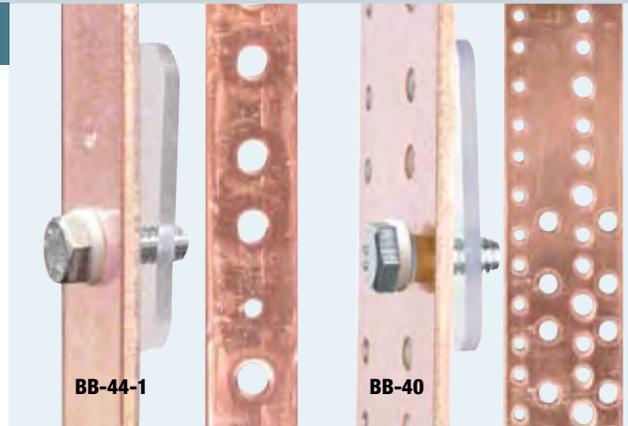


# Grounding and Bonding Accessories

## Copper Buss Bars

Copper buss bars are 1/8" thick and threaded 10-32. Various heights and widths available. Supplied mounting hardware includes nylon isolation washers, bolts and nuts.

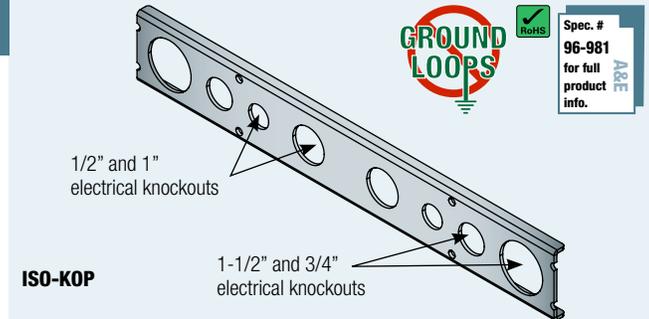
Part #	Racking Height	Width	Qty
BB-5254-1	79"	1"	1 bar
BB-44-1	77" (44 space)	1"	1 bar
BB-40	70" (40 space)	2"	1 bar
BB-12	21" (12 space)	2"	1 bar



## Electrical Isolation Knockout Panel

The Electrical Isolation Knockout Panel is ideal for installations that require electrical conduit to be isolated from the enclosure. Replaces the standard rear electrical knockout plates. Constructed from 1/8" thick non-conductive polycarbonate. Hardware included.

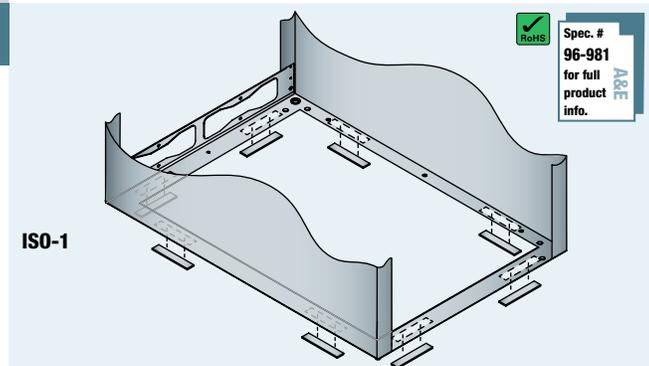
Part #	Fits
ISO-KOP	top or bottom of MRK, WRK, DRK, ERK and SCRK Series enclosures; bottom of 60° SC and SCQ Series consoles



## Rack Ground Isolation Kit

Isolate the rack from conductive flooring materials when installing in an isolated (technical) ground environment. The Rack Ground Isolation Kit consists of eight 4" long strips of 1/8" thick non-conductive polycarbonate which are attached to the rack base with included self adhesive tape and prevent floor contact.

Part #
ISO-1



## Leveling Feet

Adjustable leveling feet fit all Middle Atlantic Products floor standing steel racks and enclosures (excludes VRK and BGR Series). Isolation Leveling Feet feature protective rubber cover to isolate racks from the floor. Flat-blade and hex drive allows for adjustment. Also used with caster bases for MRK, WRK and DRK Series racks. Set of four. NOTE: Raises enclosure from 1/8" to 1" off floor

Part #	Description
LF	leveling feet
LF-ISO	isolation leveling feet



## Spike: Bonding/Ganging Hardware

- Eliminate bonding wires run between racks, while providing lowest impedance ground possible
- Self-piercing at bonding points – no need to remove paint
- Displaces paint without compromising the corrosion protection of the painted surface, eliminating the need for anti-oxidizing protection products required by other bonding methods
- Handy installation tool provided to ensure ease of installation & proper torquing

Part #	Description
BOND-G24	24 sets, 1 installation tool, 4 sets recommended per rack





## Thermal Management



Electrical systems generate heat, and so the removal of this heat to maintain the temperature inside installed racks is critical to the proper functioning and survival of the circuits operating within them. As described in our free white paper on this topic, the best way to control the temperature is to take a systems (integrated) approach to thermal management. Middle Atlantic offers a wide range of cooling products to meet installation needs, from eliminating a specific “hot spot” on a component, through the normal range of full rack cooling, all the way to high CFM solutions for your most thermally challenging installations. We care about our environment, and are pleased to offer a full selection of thermostatic and proportionally controlled cooling options that save energy and reduce unwanted service calls and unnecessary noise.

Here is a selection chart to help you quickly narrow down your choices. Please also see the product groupings listed on the facing page. If you need help, please call our technical support group for assistance:

Cooling Need	Location Type	Series to Consider	
<b>Full Racks</b>	Any	FAN QFAN KO Fan tops - see next page	High CFM Doors - see next page DCFANKIT
<b>In-Rack Assistance</b>	Within racks above hot components	FTA	COMP-COOL
<b>Smaller Racks and Systems</b>	In meeting rooms, studios, residences, and similar spaces	UQFP QFP DCFANKIT	
<b>Enclosed Spaces</b>	Entertainment centers, closets, and similar locations	CAB-COOL CLS-COOL DUCT-COOL	
<b>Fan Controllers</b>	Any	FC	

We support international sales - contact us for 220V fan offerings.





**Fans and Fan Accessories** **120**

**NEW!**

**Thermal Control and Monitoring** **121**

**UQFP Series Ultra Quiet Fan Panels** **122**

**NEW!**

**Designer Inspired Ultra Quiet Fan Panels** **123**

**NEW!**

**Quiet-Cool Series™** **124-125**

**Thermal Rack Top Options** **126-127**

**Vent Blockers & Rear Door Kits** **128**

**High CFM Rear Doors** **129**

**NEW!**





FAN-10



FAN-6



QFAN



GUARD

complete with black powder coat finish guard



GUARD-6

Spec. # 96-01063 for full product info. A&E

## High Quality Fans

Featuring smooth, ball-bearing design, the 120V mount flush and come in 4-1/2", 6" and 10" models. QFAN quiet fan includes guard with a black powder coat finish and is great for minimizing noise. AXS-FAN features a slim design for mounting in AXS Series racks. BMF-FAN10 provides 825 CFM of cooling for enclosures with a high heat density. Mounting hardware and cord included with each unit.

120V Part #**	Size	Depth	Free Air dB Rating	Free Air CFM
FAN	4-1/2"	1-1/2"	39 dBA	95
QFAN	4-1/2"	1-1/2"	<30 dBA	50
AXS-FAN	4-1/2"	1"	30 dBA	57
FAN-6	6"	1-1/2"	49 dBA	220
FAN-10	10"	3-1/2"	49 dBA	550
BMF-FAN10	10"	4-1/4"	60 dBA	825

\*\*international versions available

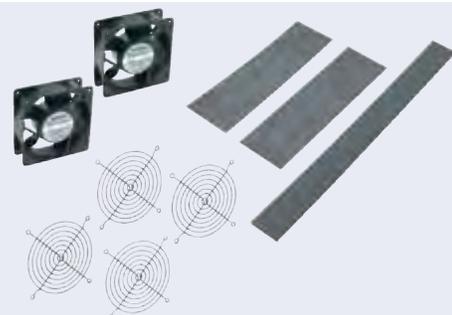
## Fan Guards

Fitting 4-1/2", 6" and 10" fans, fan guards are "Hamburger grille" style & have a black powder coat finish, includes hardware.

Part #	Fits
GUARD	4-1/2" fan
GUARD-6	6" fan
GUARD-10	10" fan



GUARD-10



## Fan Kits

Fan kits include (2) 4-1/2" fans, (4) guards, and the necessary vent blockers to optimize the airflow.

120V Part #**	Size	Depth	Free Air dB Rating	Free Air CFM
AXS-FAN-K*	4-1/2"	1"	33 dBA	114
5-FAN-K*	4-1/2"	1"	33 dBA	114

\*includes 2 fans \*\*international versions available

Part #	Fits
DWR-FK17	DWRxx17
DWR-FK22	DWRxx22/SRxx22
DWR-FK26	DWRxx26
DWR-FK32	DWRxx32/SRxx32

BGR and EGR options are shown on rack series pgs.



DCFANKIT-4

power supply with remote temperature sensor



## Fan Kit with Intelligent Thermostatic Control

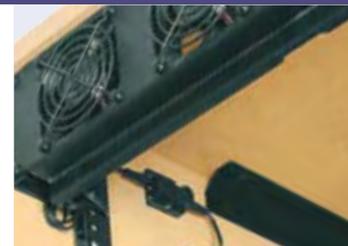
**NEW!**

Intelligent cooling for laminate racks.

- Intelligent thermostatic control
- Fits RK/BRK and RDR Series
- Mounts in top of rear access panel
- 100 CFM

120V Part #**	Description
DCFANKIT-4	fan kit 4 fans 100 CFM, 120V adapter and controller included

\*\*international versions available



RoHS EIA/TIA Compliant

Spec. # 96-01137 for full product info. A&E



FTA-3

18" - 32" range



FTA-6

fans can be positioned where they are most needed

## Fan Tray System

**NEW!**

Fan tray system lets you locate fans directly above vents on hot equipment to help hot air get moving in the right direction for rack cooling systems.

- Uses from 3 to 8 quiet 4" DC fans (69 CFM for each fan)
- 8 fan mounting positions and optional add-on fans let you locate fans exactly where needed
- Energy-saving thermostatic control for automatic on/off as needed
- Powered by a single power cord
- Occupies only one rackspace
- Adjustable mounting range of 18" to 32"

Part #	Description	Free Air CFM
FTA-3	3 fan tray	207
FTA-6	6 fan tray	414
FT-FAN	add-on 4" DC fan	69



ideal for use with VRS vented rackmount shelf, see pg. 153





## Fan Panels

Fan panels accommodate all standard 4-1/2" fans. 3 rackspaces (5-1/4") high, they are made from 16-gauge flanged aluminum. Offered in a black textured powder coat or black brushed and anodized finish.

Anodized Part #	Textured Part #	Racking Height	Accommodates
FP1	TFP1	5-1/4" (3 space)	one 4-1/2" fan
FP2	TFP2	5-1/4" (3 space)	two 4-1/2" fans
FP3	TFP3	5-1/4" (3 space)	three 4-1/2" fans



FP2

## Quiet Fan Panels

Occupying three rackspaces, these fan panel assemblies provide quiet cooling for demanding environments. Each assembly comes complete with fan(s) and grille(s) installed. Available in a black brushed and anodized, or black textured powder coat finish; cord and plug included.

120V Anodized Part #*	120V Textured Part #*	Racking Height	Free Air dB Rating	# of Fans Installed	Free Air CFM
QFP-1	QTFP-1	5-1/4" (3 space)	<30 dBA	one	50
QFP-2	QTFP-2	5-1/4" (3 space)	<33 dBA	two	100

\*international versions available



QFP-1



QTFP-2

## Proportional Speed Thermostatic AC Fan Control

Proportional speed thermostatic fan control extends both equipment and fan life and reduces service calls by varying the fan speed of up to four fans based on temperature. The fan control includes 3 user selectable temperature ranges, a local on/off switch, status LEDs, and a temperature probe with a 5 ft. wire. This control is designed to work specifically with AC fans that are offered by Middle Atlantic Products, or other fans with similar specifications. Max fan load is 1 Amp at 120 volts. The FC-2-215-1C includes two 'always on' 15 Amp convenience outlets and is available as an option on the DLBX, see pg. 70.

Part #	Description	# of Fan Controlled Outlets
FC-4	mounts in MPR Series raceways only (see pgs. 110-111)	4
FC-4-1C	mounts to rackrail brackets or any flat surface	4
FC-2-215-1C	mounts to rackrail brackets or any flat surface, incl. two 15 Amp outlets	2



FC-2-215-1C

## Temperature Display

This unit monitors internal enclosure temperature, provides an LED readout and fits into the Decora® style opening at the top of Middle Atlantic racks. Features adjustable over temperature setting with local and remote notification. 9' cord with temperature probe and plug-in power supply included. Optional jumper supplies power to additional 12VDC Decora units using a single power source. The temperature display fits DWR, SR, ISRK and TOR Series enclosures.

Part #	Description
TEMP-DEC	temperature display
JDC-12X18	18", 12 volt DC jumper wire, 2 pieces



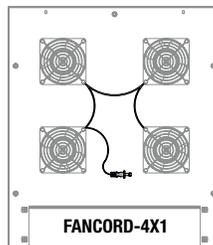
TEMP-DEC

overtemp remote notification for control system

## Multiple Fan Cord

Save outlets by operating two, three or four fans from a single power outlet with the multiple fan cord. Factory-installed on integrated fan tops.

Part #	Description
FANCORD-2X1	fan cord, accommodates two fans
FANCORD-3X1	fan cord, accommodates three fans
FANCORD-4X1	fan cord, accommodates four fans



## Filter Kit

The three space washable filter is 1" thick and is housed in 18-gauge perforated steel. Mounts in enclosures for use as a filtered vent panel.

Part #	Racking Height
FILTER	5-1/4" (3 space)



FILTER





## UQFP Series Ultra Quiet Fan Panels

The two rackspace Ultra Quiet Fan Panel System provides smart cooling and monitoring to ensure a reliable installation in areas where fan noise is not an option, including boardrooms, classrooms, offices, houses of worship, etc. Thermostatic, proportional speed DC fan control ensures ultra quiet operation by varying fan speed based on enclosure temperature. Overtemp notification, local and remote, offers additional operation monitoring. A unique feature of the system provides notification in the event of fan failure via a local display or remote signal to an external alarm device.



EIA/TIA Compliant

Spec. #  
**96-01037**  
for full  
product  
info.

- 100 CFM cooling capacity (4 fan models), 50 CFM cooling capacity (2 fan models)
- Digital processor varies fan speed based on enclosure temperature for ultra quiet operation
- Front panel rack temperature and alert display provides instant system status ('D' models only)
- On-board digital processor monitors rack temperature via external sensor
- Local and remote notification of over temperature and fan fault can be sent to a control system



**UQFP-2D**



**UQFP-2**



**UQFP-4D**



**UQFP-4**

120V Part #*	# of Fans	Overtemp Notification			User Definable Overtemp Setting	Fan Failure Notification Local & Remote Display	Free Air Rating	Max Sound Level	Racking Height
		Local LED	Local Display	Remote					
UQFP-2D	2	✓	✓	✓	✓	✓	50 CFM	24 dB	3-1/2" (2 space)
UQFP-4D	4	✓	✓	✓	✓	✓	100 CFM	27 dB	3-1/2" (2 space)
UQFP-2	2	✓	-	✓	-	-	50 CFM	24 dB	3-1/2" (2 space)
UQFP-4	4	✓	-	✓	-	-	100 CFM	27 dB	3-1/2" (2 space)

\*international versions available



showing rear view of UQFP Series Ultra Quiet Fan Panels



included accessories





## Designer Inspired Ultra Quiet Fan Panels

The smart, quiet, elegant way to keep electronics systems cool. The two rackspace Designer Inspired Ultra Quiet Fan Panel features a unique on-board processor that controls DC fan speed in direct proportion to equipment temperature resulting in quiet, reliable installations. The perfect thermal management solution for media rooms, screening rooms, and other areas where people and electronics coexist, the Designer Inspired Ultra Quiet Fan Panel boasts the following features:

- Dimmable temperature and alert display provides instant system status - also available without front display
- On-board digital processor varies fan speed based on equipment temperature, which is monitored via external sensor
- Local and remote notification in the event of external sensor failure
- Local and remote notification of over temperature and fan fault can be sent to a control system
- Black brushed anodized finish
- New intake/exhaust two panel system helps improve cooling air flow in densely populated racks

**EIA/TIA Compliant** Spec. # **96-01037** for full product info. **A&E**



120V Part #*	# of Fans	Overtemp Notification		User Definable Overtemp Setting	Fan Failure Notification Local & Remote Display	Free Air Rating	Max Sound Level	Racking Height
		Local Display	Remote					
UQFP-4RA	4	–	✓	–	–	100 CFM	27 dB	3-1/2" (2 space)
UQFP-4DRA	4	✓	✓	✓	✓	100 CFM	27 dB	3-1/2" (2 space)
UQFP-4RA-I/O	8	–	–	–	–	100 CFM	30 dB	7" (4 space)**
UQFP-4RIS	4	–	–	–	–	100 CFM	27 dB	3-1/2" (2 space)

\*international versions available \*\*includes two fan panels (one for intake, one for exhaust) plus connecting cable

## Economical Quiet Fan Panel

- Includes on/off switch and user selectable thermostatic control function
- DC fans for long life and energy savings
- Front panel mounted switch
- Black powder coat finish



**EIA/TIA Compliant**



120V Part #*	# of Fans	Overtemp Notification		User Definable Overtemp Setting	Fan Failure Notification Local & Remote Display	Free Air Rating	Max Sound Level	Racking Height
		Local Display	Remote					
UQFP-4RT	4	–	–	–	–	100 CFM	27 dB	3-1/2" (2 space)





The Quiet-Cool Series™ was designed to provide effective thermal management for a variety of installation environments.

The Quiet-Cool Series™ utilizes smart thermostatic control to monitor temperature and signal fans to automatically remove heat from components, cabinets and closets.

## Component Cooler

**Thermostatically controlled component cooler removes heat right at the source.**

Optimized for components on open shelving or in racks, this cooler turns on automatically when needed. The Component Cooler is placed directly on top of vents of heat generating equipment. The COMP-COOL-3 is available for systems that require multiple components to be cooled.



120V Part #*	Qty	Free Air Rating	Max Sound Level
COMP-COOL	1 fan, power supply	8 CFM	19 dB
COMP-COOL-3**	3 fans, connects to single power supply	8 CFM/fan	24 dB
COMP-COOL-E	1 fan, connects to COMP-COOL3	8 CFM	19 dB

\*international versions available  
\*\*36" length between connectors



includes power supply

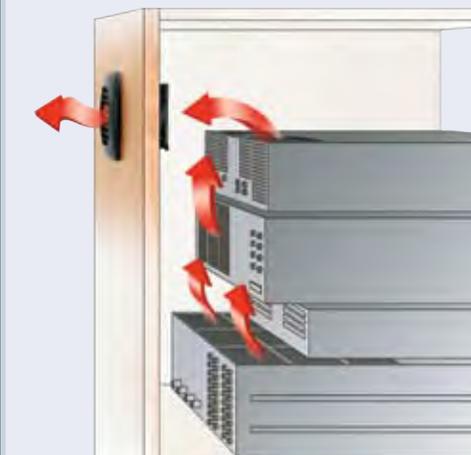
COMP-COOL



## Cabinet Cooler

**Cabinet cooler removes heat generated by components located in smaller cabinets, credenzas, lecterns, and entertainment centers.**

Thermostatically controlled to operate only when needed to extend fan life and minimize dust, this quiet-cooling device features an aesthetically designed vent that can be painted to match its environment. Dual version includes 2 fans driven by a single thermostat and single power supply.



120V Part #*	Description	Free Air Rating	Max Sound Level
CAB-COOL	cabinet cool system	20 CFM	24 dB
CAB-COOL-2	dual cabinet cool system	40 CFM	27 dB

\*international versions available

includes in-line thermostatic controller



includes power supply

CAB-COOL

## Closet Cooler

**Closet cooler removes heat from closets where small rack systems are located.**

Two solid oak vents will be visible and can be stained or painted to match any room's décor. This cooling solution runs only when needed, mounts to closet doors and is available with an active exhaust and passive intake for closets with gaps, or an active exhaust and active intake for tightly sealed closets.



120 Part #*	Description	Free Air Rating	Max Sound Level
CLS-COOL1	active exhaust, passive intake	50 CFM	25 dB
CLS-COOL2	active exhaust, active intake	50 CFM	28 dB

\*international versions available



CLS-COOL1



CLS-COOL2



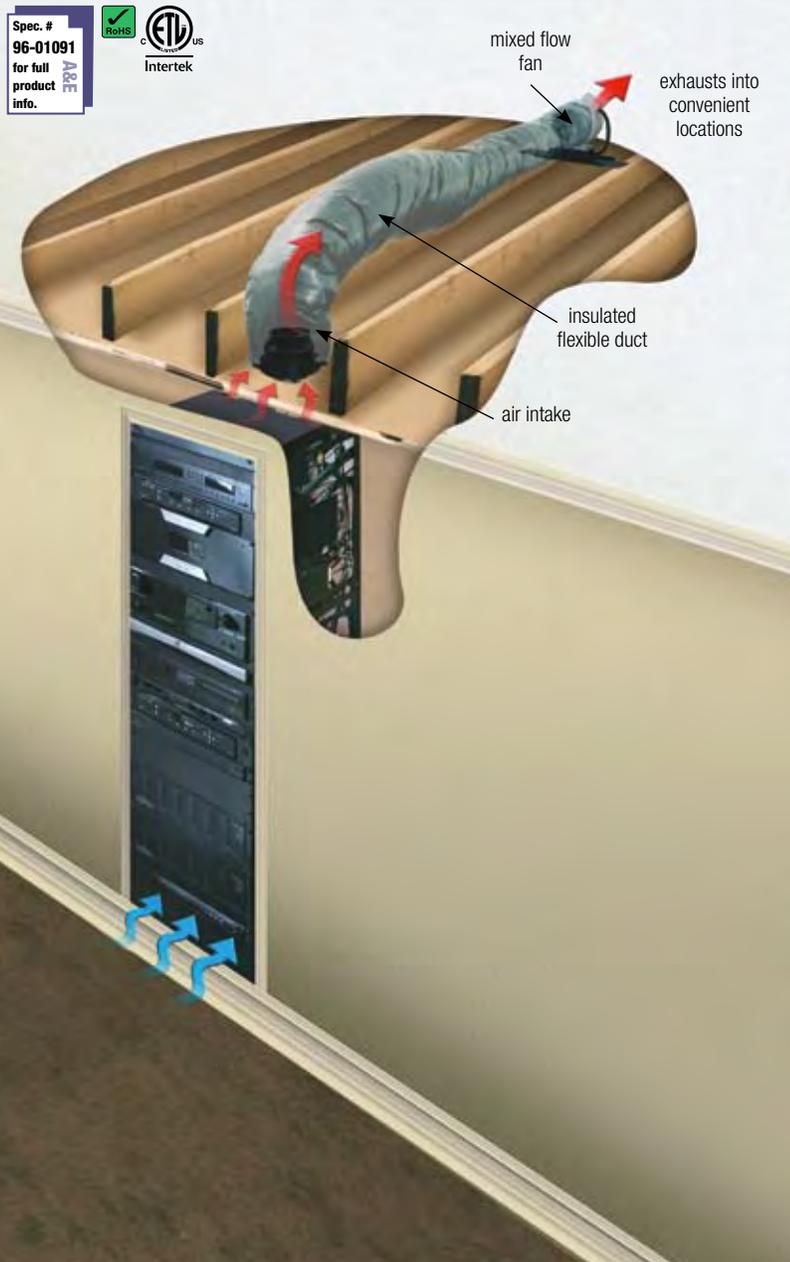


## The Duct Cool System™ removes heated air from enclosed areas to extend equipment life and to increase reliability.

The heart of the system is a unique state-of-the-art fan that is both quiet and powerful. It has the ability to effectively pull heated air from up to 25 feet away, far from the user. Standard unit includes a built-in thermostat preset to turn on at 88°F and off at 85°F – so the system only runs when needed. Flexible system installs quickly, easily and can exhaust to any convenient remote location.

Part #	Free Air Rating	Duct Size	Free Air dB Rating*
DUCT-COOL-1PT	135 CFM	4"	35.7
DUCT-COOL-2PT	293 CFM	6"	36.5

\*measured 1 meter from the air intake, centered horizontally & vertically, using 15' of straight insulated duct



### Options

#### Optional Thermostat

For adjusting set point if desired.



THERM-A

Part #	Description
THERM-A	optional thermostat

#### Duct-Cool™ Adapter

Adapter tops let the Duct-Cool be mounted to the top of select racks. Includes top and adapter only.



MW-DT

Fits DRK, WRK, MRK, VRK, VMRK, Part #	Fits WMRK, ERK, SCRK Part #
MW-DT	ERK-DT

Kit comes complete with everything you need to install the unit, including:



Mixed Flow Fan Assembly



25 Feet of Insulated Flexible Duct



Air Intake Assembly and Sturdy Mounting Plate



All Mounting Hardware



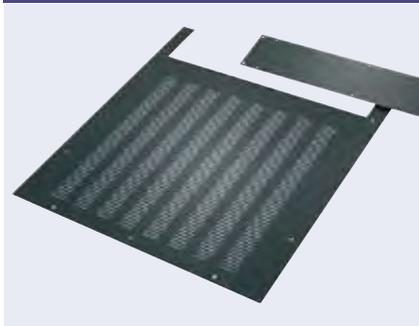


# Thermal Rack Top Options



**HOT TIP!**

## Did You Know?? - Time Saving Feature



All MW Series top options are designed with a removable 2 rackspace panel for top cable entry.



This removable panel allows for removal of top options without disruption of cables.

## Solid and Vented Top Options

Select solid, slot pattern vented, or large perforated vented top options to address your thermal management needs.

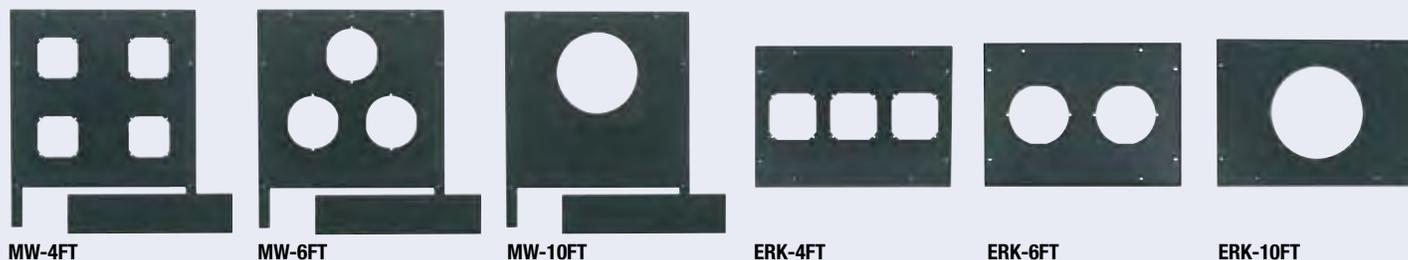


Fits WRK, MRK, VRK, VMRK, DRK Part #	Fits ERK, WMRK, SCRK Part #	Style
MW-ST	ERK-ST	solid
MW-VT	ERK-VT	slot pattern vented
MW-LVT	ERK-LVT	vented, 64% open area

BGR and EGR options are shown on rack series pgs.

## Fan Top Options - Non-Populated

Top options accept 4-1/2", 6" or 10" fans for active thermal management. See pg. 120 for fan and air flow specs.



Fits WR, WRK, MRK, VRK, VMRK, DRK Part #	Fits WMRK, ERK, SCRK, Part #	Fan Openings	Style
MW-4FT	ERK-4FT	laser knockouts	mounts up to four 4-1/2" fans (MW-4FT) or three 4-1/2" fans (ERK-4FT)
MW-6FT	ERK-6FT	laser knockouts (MW-6FT) & finished holes (ERK-6FT)	mounts up to three 6" fans (MW-6FT) or two 6" fans (ERK-6FT)
MW-10FT	ERK-10FT	finished hole	mounts one 10" fan



# Thermal Top Options



## Top Options - Including Fans

Save time with Integrated Fan Tops! Ships assembled. Integrated fan tops include 4-1/2", 6" or 10" fans, fan guards.



MW-4FT-380CFM



MW-10FT-550CFM



MW-6FT-660CFM



ERK-4FT-285CFM



ERK-10FT-550CFM



ERK-6FT-440CFM

Part #	# of Fans	Fan Controller	Fits	Free Air CFM
MW-4FT-380CFM	four 4-1/2" fans	optional	MRK, DRK, VRK, VMRK Series	380
MW-6FT-660CFM	three 6" fans	optional	MRK, DRK, VRK, VMRK Series	660
MW-10FT-550CFM	one 10" fan	optional	MRK, DRK, VRK, VMRK Series	550
ERK-4FT-285CFM	three 4-1/2" fans	optional	ERK, WMRK, SCRK Series	285
ERK-6FT-440CFM	two 6" fans	optional	ERK, WMRK, SCRK Series	440
ERK-10FT-550CFM	one 10" fan	optional	ERK, WMRK, SCRK Series	550

## Thermostatically Controlled Integrated Fan Top Options

Thermostatically Controlled Integrated Fan Tops ships fully assembled and include 4-1/2", 6" or 10" fans, fan guards and proportional speed fan controller that increases fan life, reduces noise, saves energy, and reduces dust build up. ETL Listed in the US and Canada.



MW-4QFT-FC



MW-10FT-FC



ERK-4QFT-FC



ERK-10FT-FC

Part #	# of Fans	Fan Controller	Fits	Free Air CFM
MW-4QFT-FC	four quiet 4-1/2" fans	included	MRK, DRK, VRK, VMRK Series	220
MW-10FT-FC	one 10" fan	included	MRK, DRK, VRK, VMRK Series	550
ERK-4QFT-FC	three quiet 4-1/2" fans	included	ERK, WMRK, SCRK Series	165
ERK-10FT-FC	one 10" fan	included	ERK, WMRK, SCRK Series	550

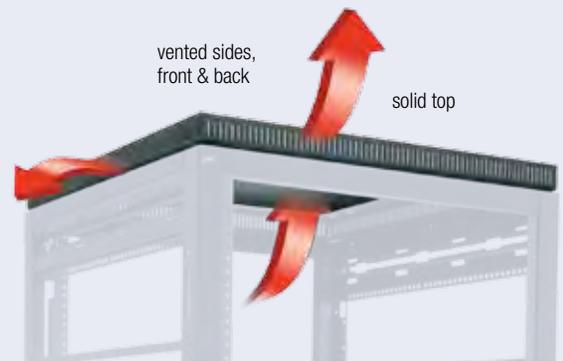
## Vented Pagoda Top Options

Vented pagoda tops maintain enclosure temperatures through natural convection while minimizing the amount of dust and debris that can fall into the rack, and adds 1-1/2" to the top of the rack.

Part #	Style
MV-PVTxx	vented pagoda top, MRK, VRK, VMRK only
xx = depth of MRK, VRK and VMRK only (26", 31", 36" or 42")	



**MV-PVT**  
vented pagoda top for MRK, VRK, VMRK only keeps dust out





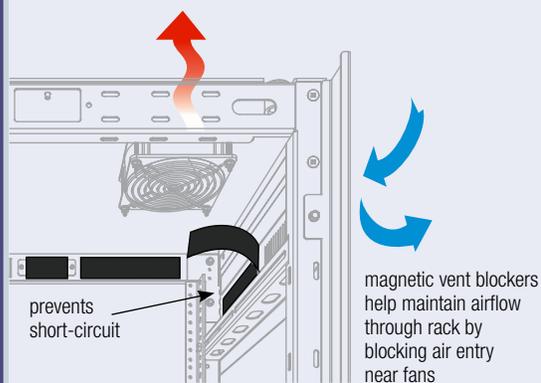
# Vent Blockers and Rear Door Kits

Vent Blockers and Rear Door Kits

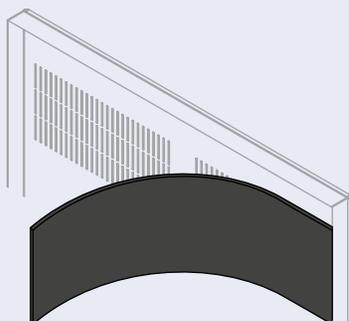
## Vent Blockers

Vent blockers are used to prevent the recirculation of hot air between top-mount fans and nearby vent openings. Vent blockers should be placed over the enclosure's vents located on the upper front of the enclosure, upper sides, and upper rear door (depending on enclosure).

This will ensure that heated enclosure air will be forced out through the top-mounted exhaust fans instead of re-circulating, keeping equipment cool.



**Vent Blockers** mount to the inside of enclosures to block airflow



Part #	Used On
VBK-W27-W32	WRK-xx27 & WRK-xx-32
VBK-WSA27	WRK-xxSA-27
VBK-WSA32	WRK-xxSA-32, WR-xx-32*
VBK-E20	ERK-xx20, DWR-xx-26
VBK-E25	ERK-xx25
VBK-SCRK27	SCRK Series
VBK-D17	DWR-xx-17
VBK-SD-22	SR-40-22, DWR-xx-22
VBK-S28	SR-xx-28

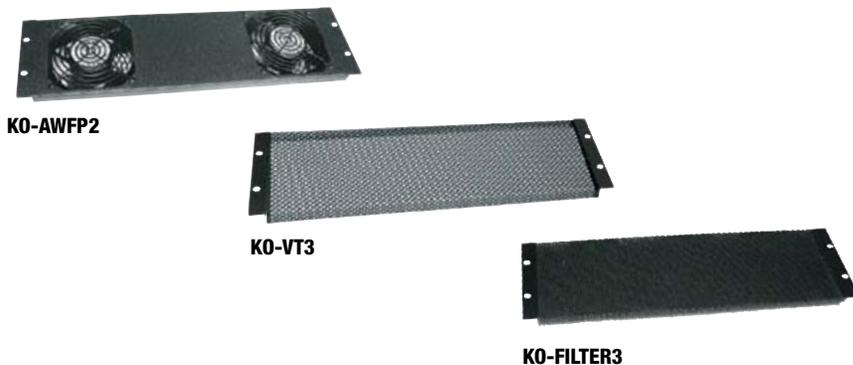
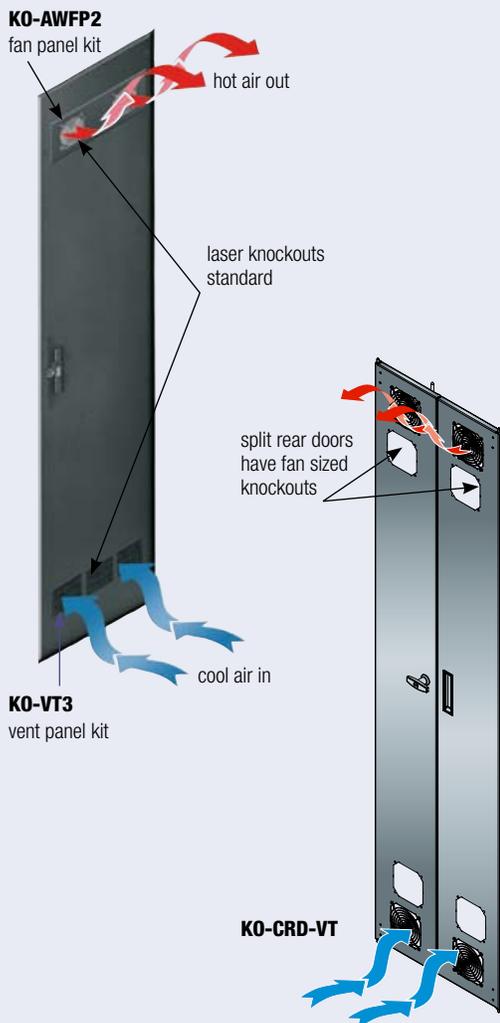
Part #	Used On
VBK-S32	SR-xx-32, DWR-xx-32
VBK-S42	WR-xx-42*
VBK-V	VRK-44-31H/VRK-44-36H
VBK-DRK	DRK Series
VBK-PTRK	PTRK-xx
VBK-PTRK26	PTRK-xx26
VBK-BGR	BGR Series
VBK-BGR-SA	BGR-SA Series

\*When WR is not flush against a wall, block the rear opening with the optional rear access panel, model # WR-RAP-xx

BGR and EGR options are shown on rack series pgs.

## Thermal Management Kits for Rear Door

Middle Atlantic Products standard solid rear doors on WRK, MRK and ERK Series (pg. 35) enclosures are configurable for achieving optimal active or passive thermal management. Fan, vent and filter kits are available to install after laser knockouts are removed from door. Fan and vent kits now available for solid split rear doors.



Fits WRK, MRK, ERK Standard Solid Rear Doors	
Part #	Description
KO-AWFP2	fan kit with two fans, 190 CFM
KO-VT3	vent panel kit
KO-FILTER3	filter kit
KO-WSB3	blank panel kit

Fits Solid Split Rear Doors	
Part #	Description
KO-CRD-FAN	fan kit with two fans, 190 CFM and two vents
KO-CRD-VT	filter kit



# High CFM Rear Doors

**Removes hot air from densely populated server enclosures.**  
Great solution when top mounted fans are not enough to move the required CFM.

## Structural Features

- Ideal for hot aisle/cold aisle applications where air return is above hot aisle, because exhaust air is directed upward toward air returns
- Excellent when enclosure is highly populated with NVR's/DVR's or servers that are front intake/rear exhaust-type
- Finished in a durable black textured powder coat

## Thermal Management

- Pre-configured with six 6" fans. These fans have adjustable locations and can be arranged where they are most needed
- Additional fans can be added to increase total CFM. Doors can accept up to 16 total fans to boost total air movement up to 3,520 CFM for maximum cooling
- A high-capacity thermostatic fan controller is available – see bottom of this page

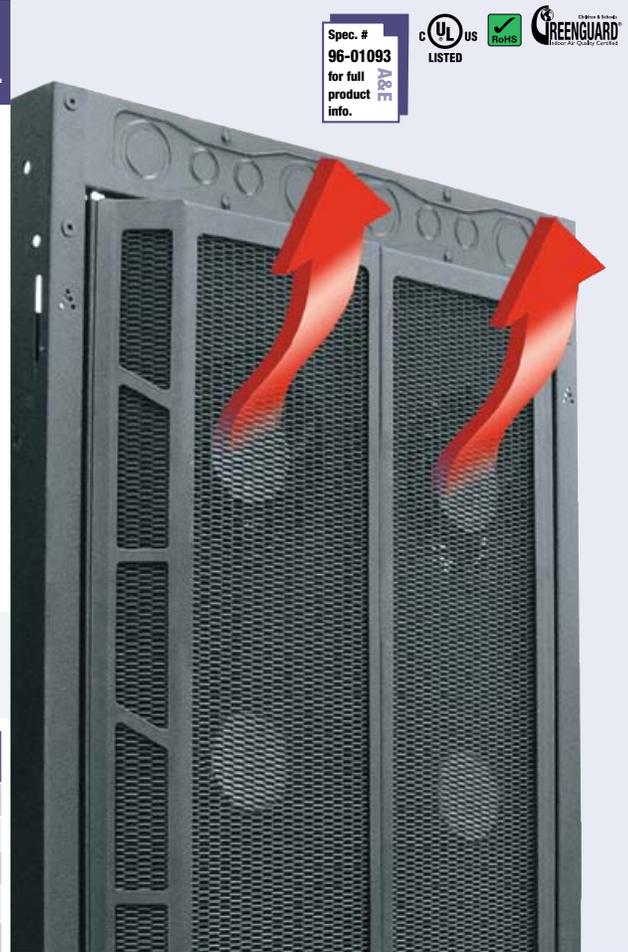
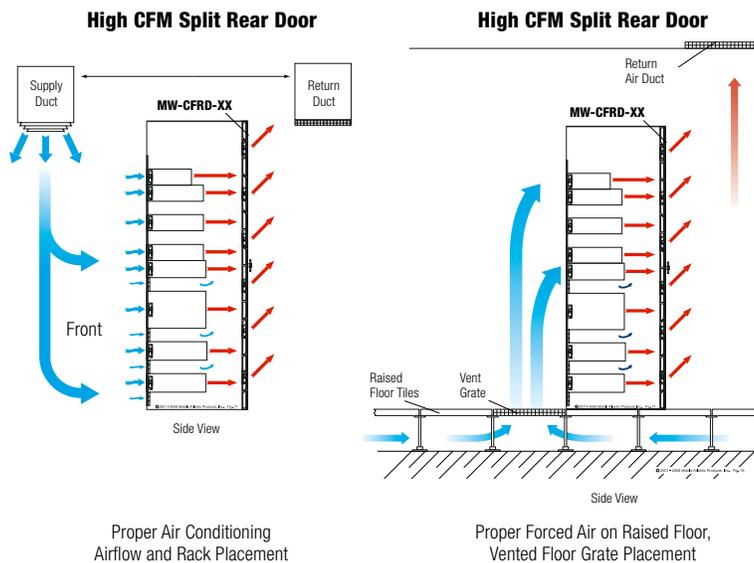
## Cable Management

- Each door has a removable 48" SignalSafe™ IEC cord to allow for doors to be plugged into separate circuits. Shorter IEC cords can be substituted for improved cable management. For more on SignalSafe technology, see pg. 116

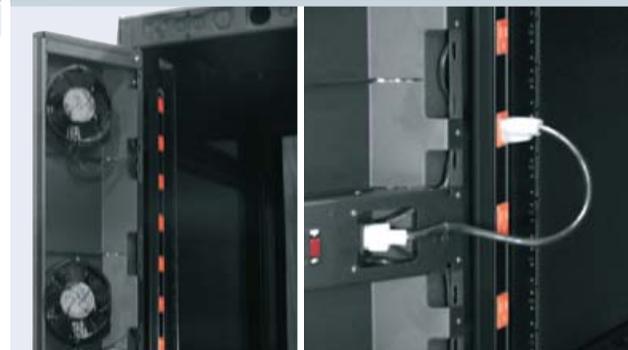
## Regulatory / Certifications

- GREENGUARD Indoor Air Quality Certified for Children and Schools (the most strict level)
- UL Listed in the US and Canada

Part #	Description	Fits	Additional 1/2 Blank Panels (Qty. of 4)	Free Air CFM
MW-CFRD-45	45 space split fan rear door	WMRK	MW-CFRD-1/2PNL-45	1,320
MW-CFRD-44	44 space split fan rear door	MRK, WRK, VRK	MW-CFRD-1/2PNL-44	1,320
MW-CFRD-42	42 space split fan rear door	WMRK	MW-CFRD-1/2PNL-42	1,320
D-CFRD-44	44 space split fan rear door	DRK	DCFRD-1/2PNL-44	1,320
MWCFRD-FKIT	additional 6" fan for MW-CFRD and D-CFRD			220
FC-CFRD	fan controller, 1 rackspace			



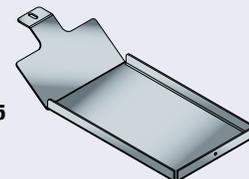
Spec. #  
**96-01093**  
for full  
product  
info.



adjustable fan panels  
(8 per half door)

shorter IEC cords can be used to  
simplify cable management

MW-CFRD-1/2PNL-45  
half-height blank panel



## Heavy-Duty Fan Thermostatic Controller for High CFM Rear Doors

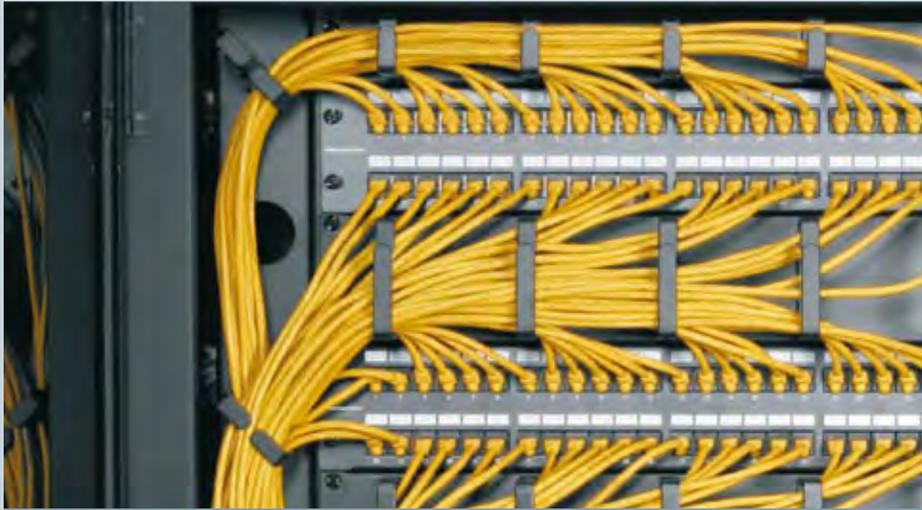
- One unit can power up to 16 fans in a fully populated system
- One rackspace; mounts at top or bottom with flexible mounting ears
- Setting for thermostatic temperature control
- Setting for proportional or snap action
- ETL Listed in the US and Canada

Part #  
FC-CFRD



FC-CFRD





## Cable Management

Signal inputs, outputs, and controls, as well as power, all must be routed within an installation, almost always in the form of cabling. Effective cable management plays a large role in overall system reliability since today's cables (including "category" cabling and fiber optics in particular) are highly engineered, high performance system elements that need to be properly supported and protected to perform to specifications. Middle Atlantic has incorporated cable management features and capabilities into every rack/enclosure line as well as many accessory products, and in this section we present additional cable management products to provide the support and management functions needed in every installation project. See our free white paper on this topic for more information and guidance.

Here is a selection chart to help you quickly narrow down your choices. Please also see the product groupings listed on the facing page. If you need help, please call our technical support group for assistance:

Cable Management Need	Location Type	Series to Consider	
<b>Vertical Cable Lacing</b>	Within Racks	LeverLock™ (BGR Specific)	LACE TW
<b>Horizontal Lacing and Support Near Connections</b>	Within Racks	LeverLock™ (BGR Specific) LBP UP1 HHCM	HCM LBFR PHCM HCT
<b>Managing Connections to Small Devices</b>	Within Racks	V-System (EGR specific) UFA MS	
<b>Between/ Beside Racks</b>	Heavier Cable Usage Applications	VCD RLA-CC CK	CC PCD
<b>Manage Excess Cable Lengths</b>	Primarily within Racks	PCS	
<b>Cable Entry</b>	Outside/Approaching Racks, and Cabling Entering Racks	BR RIB SRB	GR GK CLB/CLH

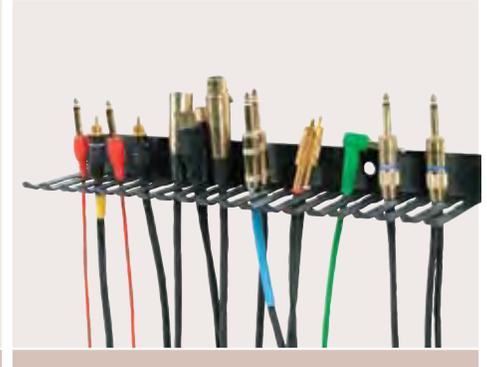
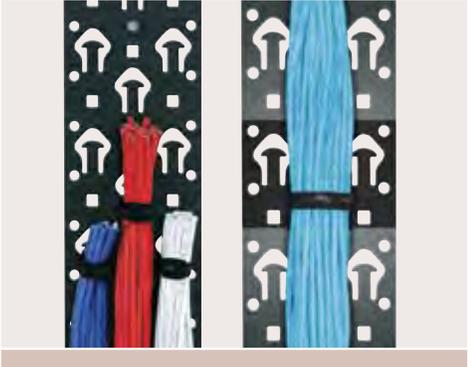
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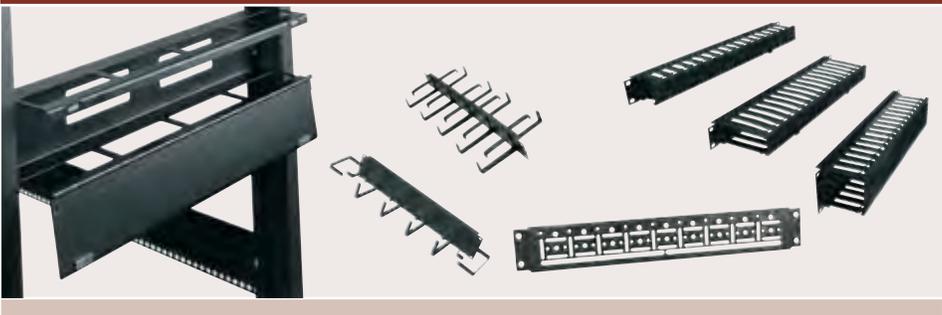
<b>Large Capacity Vertical Cable Duct Systems with Doors</b>	<b>132</b>	<b>Economical Metal Vertical Cable Ducts</b>	<b>133</b>	<b>Plastic Vertical Cable Ducts</b>	<b>134</b>
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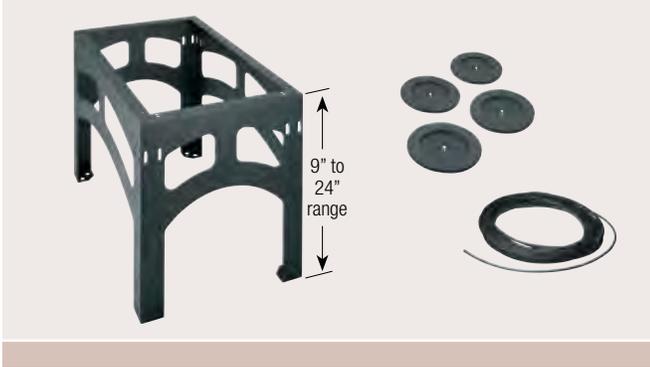
<b>Vertical Cable Lacing Strips and Cable Management Items</b>	<b>135</b>	<b>Horizontal Rackmount Cable Lacer Bars</b>	<b>136</b>	<b>Small Device Shelves and Cable Hangers</b>	<b>137</b>
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<b>Horizontal Cable Managers</b>	<b>138 - 139</b>	<b>Raised Floor Enclosure Support System™</b>	<b>140</b>
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<b>Seismic Certified Riser Base and Accessories</b>	<b>141</b>	<b>Cable Ladders</b>	<b>142 - 143</b>
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# Large Capacity Vertical Cable Duct Systems with Doors



EIA/TIA Compliant



Spec. #  
96-01077  
for full  
product  
info.  
A&E



VCD-10-51-DC



mounts next to or between racks to manage cabling

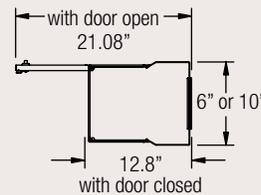
The VCD Series ducts feature high capacity 6" or 10" widths to accommodate large cabling quantities.

VCD Series managers mount on all MK, RL, RLA and R4 Series open frame rack systems.

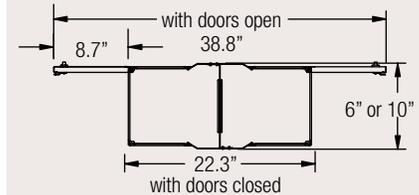
- Helps protect cable bend radius and organize pathways for all data cables, patch cords and power cords between racks
- Available in single and dual (front and rear channel) duct versions
- Includes removable reversible doors

10" Wide	6" Wide	Description
VCD-10-51-DC	VCD-6-51-DC	8 ft. (51 rackspace) dual cable duct system
VCD-10-51-SC	VCD-6-51-SC	8 ft. (51 rackspace) single cable duct system
VCD-10-45-DC	VCD-6-45-DC	7 ft. (45 rackspace) dual cable duct system
VCD-10-45-SC	VCD-6-45-SC	7 ft. (45 rackspace) single cable duct system
-	VCD-6-38-DC	6 ft. (38 rackspace) dual cable duct system
-	VCD-6-38-SC	6 ft. (38 rackspace) single cable duct system

## Dimensions



Single Duct



Dual Duct

## Sturdy Metal Fingers



design provides support with generous capacity



# Economical Metal Vertical Cable Ducts

## Vertical Cable Duct with Hinged Door

RLA-CC Series managers mount on all MK, R2, RL, RLA and R4 Series 45 space open frame rack systems, while providing abundant cable pass-throughs and cable lacing points. Order 2 (two) - single ducts to make an economical dual channel organizer. The solid hinged front door with a 3-point magnetic latch can be installed to open in either direction

Part #	Description
RLA-CC	7 ft. (45 space) duct with hinged cover
<b>Order 2 single ducts to make an economical dual channel organizer</b>	

Dimensions	
<p>with door open 11.4" 5.1" 6.1" with door closed</p>	<p>with doors open 22.9" 5.1" 12.2" with doors closed</p>
RLA-CC	2 RLA-CC's mounted back to back



## Duct System and Lift-Off Covers

CK Series managers mount on all MK, RL, RLA and R4 Series open frame rack systems. Optional split lift-off covers fit on front and rear of both center and end unit styles. Built with dual channel design to handle extra large cable bundles while providing simple distribution provisions in the front and rear.

Part #	Description
CK-45	45 rackspace center organizer
CK-45E	45 rackspace end organizer
CK-45C	45 rackspace organizer cover - 2 pieces

Dimensions
<p>9" 6"</p>

**ALL VERTICAL CABLE MANAGERS REDESIGNED TO WORK ON ALL 2-POST & 4-POST RACKS (RL, RLA, R2, R4, MK SERIES)**



## Vertical Cable Chases Ideal for Rack Enclosures

Cable chases provide ample space for the safe and unobtrusive routing of cables between racks. Each three-piece system includes a beveled-corner front vertical channel, a square-corner rear vertical channel, and a solid top cover. Standard 4" wide chases. Custom size and width chases are also available - please call for details. Finished in a durable black powder coat.

Part #	Description	Fits
CC-40-267	70" (40 Space) cable chase	WRK-40-27, MRK-4026
CC-40-312	70" (40 Space) cable chase	WRK-40-32, MRK-4031
CC-44-36	77" (44 Space) cable chase	MRK-4436, DRK19-44-36, VRK-44-36H
CC-44-312	77" (44 Space) cable chase	WRK-44-32, MRK-4431, VRK-44-31H, DRKXX-44-31
CC-44-267	77" (44 Space) cable chase	WRK-44-27, MRK-4426
CC-44-423	77" (44 Space) cable chase	MRK-4442, DRKXX-44-42

BGR and EGR options are shown on rack series pgs.





dual version



single version

## Plastic Cable Ducts for 2-Post and 4-Post Racks

Provide a cost effective solution to protect, route and organize cables and cords.

- Available in 2", 3", and 4" widths, all with strong metal backing
- Available in 3" and 4" depths, single channel and 6" and 8" depths dual channel
- Slotted finger design allows for horizontal cable access exactly where it's needed
- Fingers can be easily removed to create larger openings
- Plastic covers provide organization while keeping cables hidden
- Ideal for medium to low density installations
- Ready to mount to either side or in between two 2- and 4-post racks



Part #	Racking Height	Size	Type
PCD-2-3-51SC	51 rackspaces	2"w X 3"d	single
PCD-2-3-45SC	45 rackspaces	2"w X 3"d	single
PCD-2-3-38SC	38 rackspaces	2"w X 3"d	single
PCD-2-3-30SC	30 rackspaces	2"w X 3"d	single
PCD-2-3-25SC	25 rackspaces	2"w X 3"d	single
PCD-2-3-20SC	20 rackspaces	2"w X 3"d	single
PCD-2-3-15SC	15 rackspaces	2"w X 3"d	single
PCD-2-3-12SC	12 rackspaces	2"w X 3"d	single
PCD-2-3-8SC	8 rackspaces	2"w X 3"d	single
PCD-3-3-51SC*	51 rackspaces	3"w X 3"d	single
PCD-3-6-51DC*	51 rackspaces	3"w X 6"d	dual
PCD-3-3-45SC*	45 rackspaces	3"w X 3"d	single
PCD-3-6-45DC*	45 rackspaces	3"w X 6"d	dual
PCD-3-3-38SC*	38 rackspaces	3"w X 3"d	single
PCD-3-6-38DC*	38 rackspaces	3"w X 6"d	dual
PCD-4-4-51SC*	51 rackspaces	4"w X 4"d	single
PCD-4-8-51DC*	51 rackspaces	4"w X 8"d	dual
PCD-4-4-45SC*	45 rackspaces	4"w X 4"d	single
PCD-4-8-45DC*	45 rackspaces	4"w X 8"d	dual
PCD-4-4-38SC*	38 rackspaces	4"w X 4"d	single
PCD-4-8-38DC*	38 rackspaces	4"w X 8"d	dual

### Raw Duct is Also Available



1.5" width allows duct to be located in the 'no man's land' behind the rackrail, enabling cable management to the side of the installed components



raw duct, with no metal backing for easy field applications

Part #	Description	Qty
PCD-1.5X2-4BK	plastic cable duct with cover, 1.5"w x 2"d x 6'	4
PCD-1.5X4-4BK	plastic cable duct with cover, 1.5"w x 4"d x 6'	4
PCDB-90-1.5-12	brackets to mount plastic cable ducts, orients duct to face front/rear of rack	12

\*Plastic cable ducts can mount in between two racks, for 38 rackspace and higher sizes only



## Plastic Cable Ducts for 2-Post and 4-Post Racks

- Matches and integrates well with Middle Atlantic PCD Series ducts
- Available in single piece and 4 packs; includes hinged cover

EIA/TIA Compliant

Single Piece Part #	4 Pack Part #	Description
PHCM-1-2	PHCM-1-2-P4	1 rackspace (1-3/4") plastic finger horizontal cable manager, 2" deep
PHCM-1-4	PHCM-1-4-P4	1 rackspace (1-3/4") plastic finger horizontal cable manager, 4" deep
PHCM-2-3	PHCM-2-3-P4	2 rackspace (3-1/2") plastic finger horizontal cable manager, 3" deep



# Vertical Cable Lacing Strips and Cable Management Items

## Vertical Lacing Strips

Perforated steel lacer strips mount vertically to rackrail brackets and provide many locations for securing cable bundles. LACE-OWP and LACE-OP strips include tie posts for sliding on pre-wrapped cable bundles using 1/2" hook-and-loop straps or cable ties. Some lacer strips also accept cage nuts or mounting of select power strips for increased versatility. All strips sold in packs of 6.



Part #	Width	Racking Height	Tie Points	Qty	Compatible Cable Management Options				
					Cable Ties	TWS	TW-12	Cage Nuts	Anti-Slip Cable Pads
LACE-5254-OWP*	4-3/4"	52-54 rackspaces	mixed slip-on posts, cage nut holes and round holes	6	✓	✓	✓	✓	✓
LACE-44-OWP*	4-3/4"	44 rackspaces	mixed slip-on posts, cage nut holes and round holes	6	✓	✓	✓	✓	✓
LACE-40-OWP*	4-3/4"	40 rackspaces	mixed slip-on posts, cage nut holes and round holes	6	✓	✓	✓	✓	✓
LACE-37-OWP*	4-3/4"	37 rackspaces	mixed slip-on posts, cage nut holes and round holes	6	✓	✓	✓	✓	✓
LACE-23-OWP*	4-3/4"	23 rackspaces	mixed slip-on posts, cage nut holes and round holes	6	✓	✓	✓	✓	✓
LACE-13-OWP*	4-3/4"	13 rackspaces	mixed slip-on posts, cage nut holes and round holes	6	✓	✓	✓	✓	✓
LACE-5254-OP	3-1/4"	52-54 rackspaces	mixed slip-on posts, cage nut holes and round holes	6	✓	✓	✓	✓	-
LACE-44-OP*	3-1/4"	44 rackspaces	mixed slip-on posts, cage nut holes and round holes	6	✓	✓	✓	✓	-
LACE-40-OP*	3-1/4"	40 rackspaces	mixed slip-on posts, cage nut holes and round holes	6	✓	✓	✓	✓	-
LACE-37-OP*	3-1/4"	37 rackspaces	mixed slip-on posts, cage nut holes and round holes	6	✓	✓	✓	✓	-
LACE-23-OP*	3-1/4"	23 rackspaces	mixed slip-on posts, cage nut holes and round holes	6	✓	✓	✓	✓	-
LACE-13-OP*	3-1/4"	13 rackspaces	mixed slip-on posts, cage nut holes and round holes	6	✓	✓	✓	✓	-
LACE-44LP	3-1/2"	44 rackspaces	raised cable tie points	6	✓	-	✓	-	-
LACE-37LP	3-1/2"	37 rackspaces	raised cable tie points	6	✓	-	✓	-	-
LACE-P*	2"	45 rackspaces	round holes	6	✓	✓	-	-	-
LACE-37P*	2"	37 rackspaces	round holes	6	✓	✓	-	-	-
LACE-13P*	2"	13 rackspaces	round holes	6	✓	✓	-	-	-
LACE-44-1SP	1"	44 rackspaces	10 pre-installed tie saddles	6	✓	incl.	✓	-	-
LACE-37-1SP	1"	37 rackspaces	9 pre-installed tie saddles	6	✓	incl.	✓	-	-
LACE-5254-1P	1"	52-54 rackspaces	tie saddles	6	✓	✓	-	-	-
LACE-44-1P*	1"	44 rackspaces	tie saddles	6	✓	✓	-	-	-
LACE-37-1P*	1"	37 rackspaces	tie saddles	6	✓	✓	-	-	-

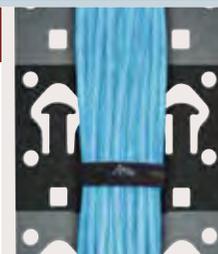
\*NOTE: Also accepts mounting of PD Slim and PDT Series vertical power.

## Anti-Slip Cable Pad

The Anti Slip Cable Pad is made with a high friction material and mounts to OWP Series lace strips. By reducing the tendency for vertical cable bundles to slip, these pads reduce the force required to secure cables, which in turn helps ensure that sensitive cables operate at their designed performance level.

- Reduces risk of over tightening of tie points to ensure proper cable performance
- High tack polymer material gives a permanent high friction surface
- Helps cable stay in place and not slip at tie points

Part #	Qty
ASP-OWP	4
ASP-OWP-6	24



## Cable Management Straps

Fasten cable bundles securely while maintaining the integrity of the cable. TW12 reusable cable management straps are made from Velcro® and are perfect for managing cables that are sensitive to strain. These straps are 8" long and are sold in 12 piece packs.



Part #	Description	Qty
TW12	8" cable/wire management straps	12



## Cable Tie Saddles

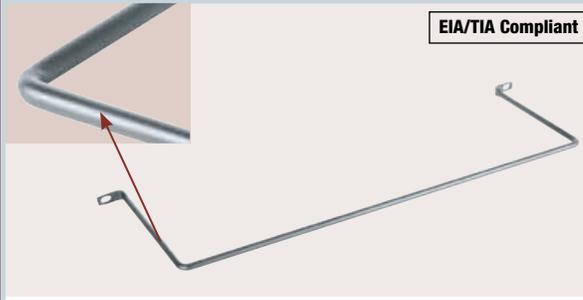
Accommodates cable ties and hook & loop straps up to 3/4" wide, including the TW12 cable management strap. Mounts to wall or specified LACE bars. Sold in packs of 15 and includes mounting hardware.



Part #	Description	Qty
TSW-15	cable tie saddles & hardware	15



# Horizontal Cable Lacer Bars



## 90° Bend Lacer Bars

These LBP-xxR90 series offset lacer bars are similar to our other offset round lacer bars, but feature 90° bends to provide full-width support. Can also be used to provide clearance around components that extend past the rear rackrail (16-5/8" open width). 1/4" diameter rod with flattened ends.

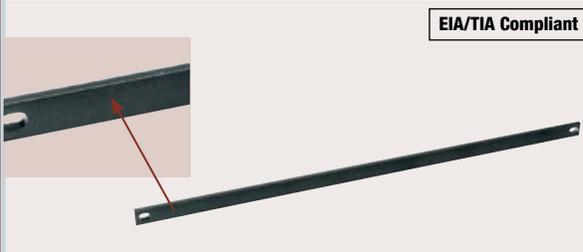
Part #	Style	Qty	Part #	Style	Qty
LBP-1.5R90	90°, 1.5" offset round rod	10	LBP-6R90	90°, 6" offset round rod	10
LBP-4R90	90°, 4" offset round rod	10	LBP-10R90	90°, 10" offset round rod	10



## Round Lacer Bars

Use the LBP-1R round lacer bar when a small profile is required and for lacing small or individual horizontal cable runs. 1/4" diameter rod with flattened ends.

Part #	Style	Qty
LBP-1R	round rod	10



## Rectangular Lacer Bars

Use the LBP-1S lacer bar when lacing cables vertically or horizontally. Aluminum construction provides the ability to drill holes to attach tie saddles, mount electrical boxes, etc. This lacer bar can also be used to support the rear of equipment. 3/16" thick aluminum, 1/4" diameter rod with flattened ends.

Part #	Style	Qty
LBP-1S	rectangular bar	10



## L-Shaped Lacer Bars

"L" shaped lacer bars are strong and provide fixed tie points. The LBP-2A, LBP-4A and LBP-6A have a 2", 4" and 6" offset, respectively. Choose the appropriate offset bar based on the distance from the rear of equipment to the rackrail.

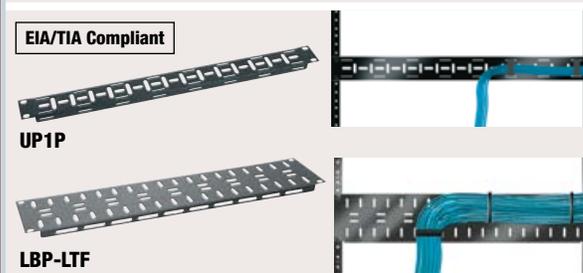
Part #	Style	Qty	Part #	Style	Qty
LBP-1A	"L" bar	10	LBP-4A	"L" bar, 4" offset	10
LBP-2A	"L" bar, 2" offset	10	LBP-6A	"L" bar, 6" offset	10



## Round Lacer Bars with Offset

Use the LBP-1.5 & LBP-1R4 when lacing small bundles or individual cables off the rear of equipment, patch panels and other components to relieve cable stress from the connections. Choose the appropriate offset based on the distance from the rear of equipment to the rackrail. 1/4" diameter rod with flattened ends.

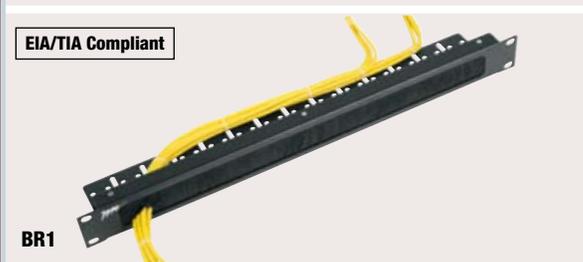
Part #	Style	Qty	Part #	Style	Qty
LBP-1R4	4" offset round rod	10	LBP-1.5	1.5" offset round rod	10



## Horizontal Lacer Panel

Use the LBP-LTF and UP1P for lacing large amounts of cable or mounting devices. Two rackspace high, the LBP-LTF features a large flange, numerous cable tie points & more surface for mounting.

Part #	Racking Height	Pre-Pack Qty	Panel Width
UP1P	1-3/4" (1 space)	10	19"
LBP-LTF	3-1/2" (2 space)	10	19"



## Brush Grommet Panel

The brush grommet panel provides a clean, organized cable entry method when mounted above any work surface. Features a built-in cable management tray, available in one and two space versions. Also fits in opening on all MW Series top options.

Part #	Racking Height	Part #	Racking Height
BR1	1-3/4" (1 space)	BR2	3-1/2" (2 space)



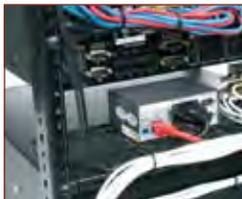
# Small Device Shelves and Cable Hangers

## MS Series Shelves

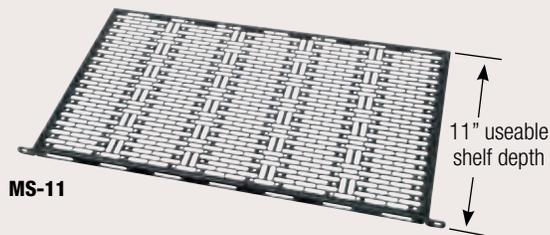
**NEW!**

This innovative new shelf was designed to mount small items conveniently in the front or rear of a rack while providing abundant cable management and device tie down points. Pattern of holes and slots accommodates nearly any mounting hole pattern, and can also be used for wire tie or other fastening approaches. Surprisingly strong for their size, these shelves will solve many of your small item mounting challenges in any standard rack. NOTE: Must be installed using standard 10-32 or 5mm rack screws into threaded rackrail.

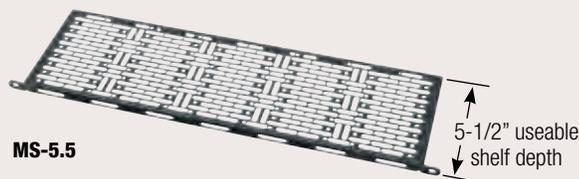
Part #	Useable Shelf Area	Pre-Pack Qty	Weight Capacity
MS-11	1/2" h x 17-1/2" w x 11" d	1	15 lbs.
MS-11-4	1/2" h x 17-1/2" w x 11" d	4	15 lbs.
MS-5.5	1/2" h x 17-1/2" w x 5-1/2" d	1	30 lbs.
MS-5.5-4	1/2" h x 17-1/2" w x 5-1/2" d	4	30 lbs.



for view of application, please see pg. 160



MS-11



MS-5.5

## UFA Shelves and UFAF Face Panels

**NEW!**

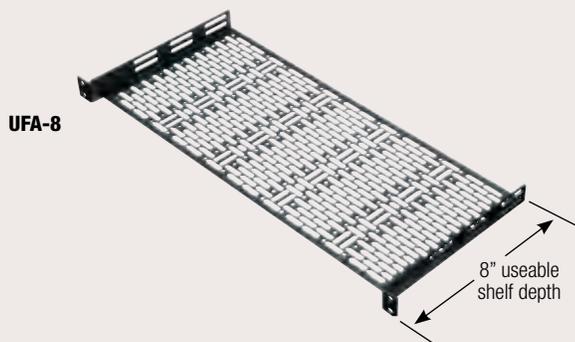
"Universal Face-After" shelves designed to mount small items conveniently in the front or rear of a rack while providing outstanding cable management and small device tie down points. These shelves feature the unique ability to mount a faceplate after the shelf is installed and populated, providing an attractive and secure covering.

Shelf Part #	Racking Height	Useable Shelf Area	Pre-Pack Qty	Weight Capacity	Included Panel
UFA-8	1-3/4" (1 space)	17-1/4" w x 8" d	1	35 lbs.	—
UFA-8-4	1-3/4" (1 space)	17-1/4" w x 8" d	4	35 lbs.	—
UFA-14.5	1-3/4" (1 space)	17-1/4" w x 14-1/2" d	1	25 lbs.	—
UFA-14.5-4	1-3/4" (1 space)	17-1/4" w x 14-1/2" d	4	25 lbs.	—
UFA-8-F1	1-3/4" (1 space)	17-1/4" w x 8" d	1	35 lbs.	1 space
UFA-8-F2	3-1/2" (2 space)	17-1/4" w x 8" d	1	35 lbs.	2 space

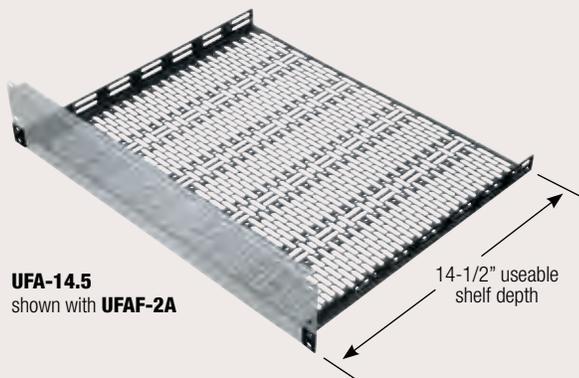
Panel Part #*	Racking Height	Finish
UFAF-1	1-3/4" (1 space)	black powder coat
UFAF-1A	1-3/4" (1 space)	black brushed and anodized
UFAF-2	3-1/2" (2 space)	black powder coat
UFAF-2A	3-1/2" (2 space)	black brushed and anodized
UFAF-3	5-1/4" (3 space)	black powder coat
UFAF-3A	5-1/4" (3 space)	black brushed and anodized
UFAF-4	7" (4 space)	black powder coat
UFAF-4A	7" (4 space)	black brushed and anodized



for view of application, please see pg. 160



UFA-8



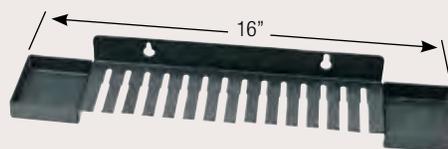
UFA-14.5 shown with UFAF-2A

\*Panels can be used with any UFA Shelf model

## "The Claw" Cable Hanger

The unique dual-size "claw" configuration of this versatile wall mount cable hanger provides efficient storage for all cables large and small. Available with side trays for holding small items, or without side trays for increased storage density. Black powder coat finish.

Part #	Dimensions
CLAW	16" w x 3-1/2" deep, with side trays
CLAW14	14" w x 3-1/2" deep



CLAW



CLAW14



# Horizontal Cable Managers

## Hinged Horizontal Cable Managers

Conceal patch cables while providing cable strain relief with the hinged horizontal cable managers. These 19" cable managers provide a strong, attractive method for organizing patch cords and maintaining the required bend radius. The hinged front panel has a magnetic closure and conceals cables dressed between components and cable chases. Ample cable pass-throughs provided for dressing cables above, below, to the sides and behind the cable manager. Finished in a durable black powder coat.



EIA/TIA Compliant

Spec. #  
96-01003  
for full  
product  
info.



HHCM-2 (cover closed)



HHCM-2 (cover open)



HHCM-1 and HHCM-2 (shown with cabling)

Part #	Racking Height	Depth
HHCM-1	1-3/4" (1 rackspace)	3-5/8"
HHCM-2	3-1/2" (2 rackspace)	3-5/8"

## Horizontal Cable Managers

Organize patch cords and maintain a required bend radius. Available in a wide variety of styles to suit any application. The D-Ring provides a creative solution for adding individual D-Rings to a rack or on a wall using appropriate fasteners. For optimal performance, do not exceed a 50% fill rate when passing cables through cable rings. Constructed from 16-gauge steel, and finished in a durable black powder coat.



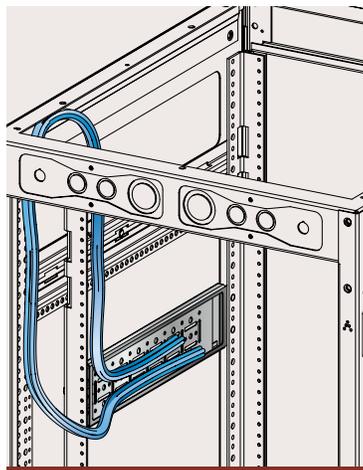
Part #	Description	Panel Width	Cable Rings Fill Area	End Rings Fill Area
HCM-1	1-3/4" (1 rackspace) "micro-clip" style	19"	7/8 in. <sup>2</sup>	—
HCM-1V	1-3/4" (1 rackspace) "micro-clip" style, w/ end D-Rings	19"	7/8 in. <sup>2</sup>	7-1/2 in. <sup>2</sup>
HCM-1D	1-3/4" (1 rackspace) "D-Ring" style	19"	3-1/8 in. <sup>2</sup>	—
HCM-1DV	1-3/4" (1 rackspace) "D-Ring" style, w/ end D-Rings	19"	3-1/8 in. <sup>2</sup>	7-1/2 in. <sup>2</sup>
HCM-2D	3-1/2" (2 rackspace) "D-Ring" style	19"	7-1/2 in. <sup>2</sup>	—
HCM-2DV	3-1/2" (2 rackspace) "D-Ring" style, w/ end D-Rings	19"	7-1/2 in. <sup>2</sup>	7-1/2 in. <sup>2</sup>
HCM-1DR	1-3/4" (1 rackspace) "D-Ring", front & rear	19"	6-1/4 in. <sup>2</sup>	—
HCM-2DR	3-1/2" (2 rackspace) "D-Ring", front & rear	19"	15 in. <sup>2</sup>	—
D-Ring	wall mount/rackmount "D-Ring"	—	7-1/2 in. <sup>2</sup>	—

# Horizontal Cable Managers

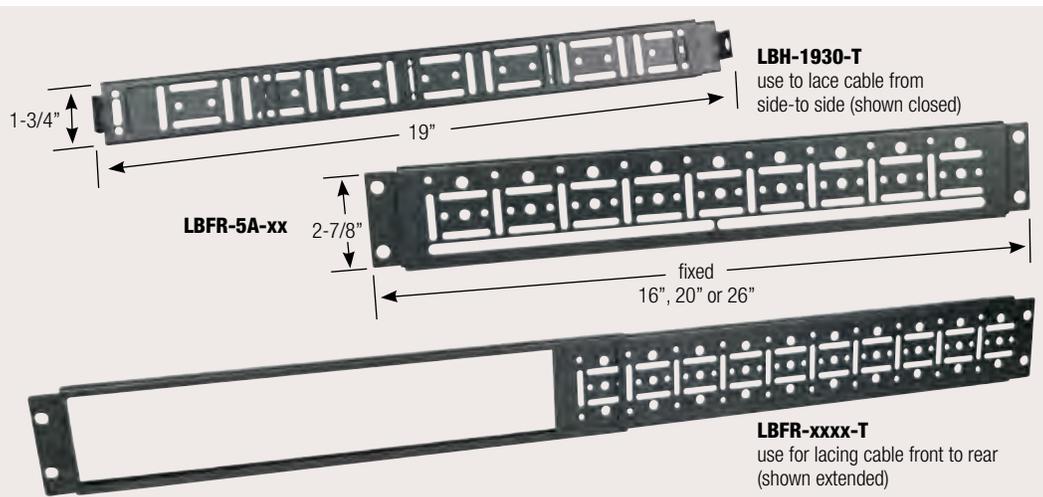
## Telescoping Lacer Bar System for Managing Cable from Front to Rear and Side-to-Side

LBH horizontal and LBFR front to rear lacer bars provide a configurable system for enhanced cable management with most installations. Telescoping lacer bars are adjustable to meet the specific mounting requirements of various enclosures. Unique design accepts mounting of Middle Atlantic Products vertical power strips and vertical lacer strips. Sold in packs of 2. NOTE: LBFR-A lacer bars have a fixed length and are not telescoping.

RoHS  
Spec. #  
**96-01058**  
for full  
product  
info.  
A&E



Mount cables from front to rear



**LBH-1930-T**  
use to lace cable from side-to side (shown closed)

**LBFR-5A-xx**  
fixed  
16", 20" or 26"

**LBFR-xxxx-T**  
use for lacing cable front to rear (shown extended)

Part #	Description	Telescoping Range (from mounting hole to mounting hole)	Useable Depth of Rack (requires rear rackrail)	Pre-Pack Qty
LBH-1930-T	horizontal telescoping lacer bar	19" to 30"	—	2
LBFR-1626-T	front to rear telescoping lacer bar	16" to 26"	20-3/8" to 27-3/8"	2
LBFR-2036-T	front to rear telescoping lacer bar	20" to 36"	21-3/8" to 37-3/8"	2
LBFR-3650-T	front to rear telescoping lacer bar	36" to 50"	37-3/8" to 51-3/8"	2
LBFR-5A-16	front to rear lacer bar (fits SAX and SSAX racks)	14-1/2" only	16"	2
LBFR-5A-20	front to rear lacer bar (fits AXS, AX-SX, AX-SXR and SLIM 5 racks)	18-1/8" only	20"	2
LBFR-5A-26	front to rear lacer bar (fits AXS-26 and 26" deep SLIM 5 racks)	24-1/8" only	26"	2

## Fiber/Cable Spools

Manage excess fiber or copper cable slack within a rack.

- Provides for proper bend radius for cables
- Available in 1-3/8", 3", and 8" depth sizes
- 4-pack configurations include mounting hardware & 2 brackets to allow for making a complete circle
- 10-pack configurations specially designed to mount on Middle Atlantic Products MK Series cable management racks
- 2 rackspace panel includes two spools which can rotate in 90° intervals

3" and 8" deep sizes shown



RoHS  
Spec. #  
**96-01115**  
for full  
product  
info.  
A&E

Part #	Racking Height	Type	Part #	Racking Height	Type
PCS-1-4	1-3/8" deep	4 pieces	PCS-8-2H	8" deep	2 space panel
PCS-3-4	3" deep	4 pieces	PCS-1-MK	1-3/8" deep Kit for MK Series	10 pieces
PCS-8-4	8" deep	4 pieces	PCS-3-MK	3" deep Kit for MK Series	10 pieces
PCS-1-2H	1-3/8" deep	2 space panel	PCS-8-MK	8" deep Kit for MK Series	10 pieces
PCS-3-2H	3" deep	2 space panel			



PCS-3-2H

## Rackmount Cable Tray

Handy horizontal cable tray mounts on any 19" rack or cabinet & neatly routes cable bundles from side to side. Turn-downs on sides help maintain the required cable bend radius. Finished in a durable black powder coat.

EIA/TIA Compliant

Part #	Racking Height
HCT-1	1-3/4" (1 rackspace)
HCT-2	3-1/2" (2 rackspace)



HCT-1



# Raised Floor Enclosure Support System™

## Simplifies The Installation of Enclosures onto a Raised Floor or Slab

Time-saving and practical, the Raised Floor Enclosure Support System consists of riser bases 2-1/2" high which provide the ability to perform field rough-in procedures prior to the arrival of the racks and enclosures. Also handy as a lower cable chase for passing cables between racks in multi-bay applications, riser bases feature 1/8" thick fully welded construction and an attractive black powder coat finish. Riser bases feature knockouts for passing cable between joined riser bases. Riser feet bring top of riser bases to a 12" height (or custom height) for use with raised floors. Raised floor support angles support floor tiles when used with riser bases and feet. Custom width, depth and height RIB Series riser bases are also available, please call for details.

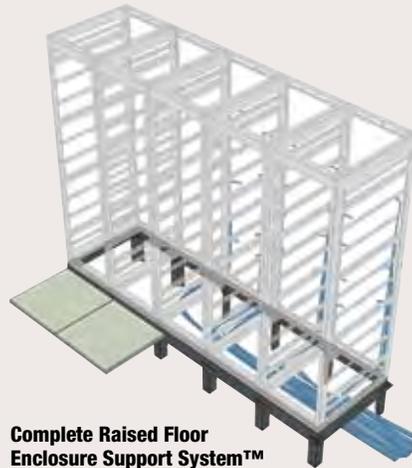


Spec. #  
**96-923**  
for full  
product  
info.



**RIB Series Riser Base**  
shown with MRK racks  
and custom cable chase

accommodates DRK, MRK,  
VMRK, VRK, WMRK, and WRK  
Series racks and enclosures

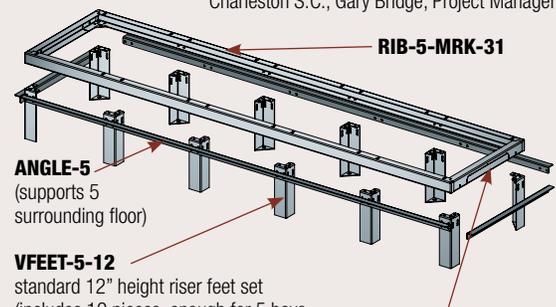


**Complete Raised Floor  
Enclosure Support System™**  
shown in typical raised  
floor installation



example of riser  
base in a raised  
floor installation

photo courtesy of VT Group,  
Charleston S.C., Gary Bridge, Project Manager



**ANGLE-5**  
(supports 5  
surrounding floor)

**VFEET-5-12**  
standard 12" height riser feet set  
(includes 12 pieces, enough for 5 bays)

custom height riser feet available,  
please call for details

riser bases feature  
cable pass-through laser  
knockouts for use when  
joining multiple bases

RIB Series Riser Bases Part #	# of Bays	Raised Floor Riser Feet Part #	Raised Floor Support Angles Part #	Accommodates
RIB-1-WRK-27	1	VFEET-1-12	WANGLE-1	WRK 27" deep racks
RIB-2-WRK-27	2	VFEET-2-12	WANGLE-2	WRK 27" deep racks
RIB-3-WRK-27	3	VFEET-3-12	WANGLE-3	WRK 27" deep racks
RIB-4-WRK-27	4	VFEET-4-12	WANGLE-4	WRK 27" deep racks
RIB-5-WRK-27	5	VFEET-5-12	WANGLE-5	WRK 27" deep racks
RIB-1-WRK-32	1	VFEET-1-12	WANGLE-1	WRK 32" deep racks
RIB-2-WRK-32	2	VFEET-2-12	WANGLE-2	WRK 32" deep racks
RIB-3-WRK-32	3	VFEET-3-12	WANGLE-3	WRK 32" deep racks
RIB-4-WRK-32	4	VFEET-4-12	WANGLE-4	WRK 32" deep racks
RIB-5-WRK-32	5	VFEET-5-12	WANGLE-5	WRK 32" deep racks
RIB-1-WMRK-36	1	VFEET-1-12	WMANGLE-1-3642	WMRK 36" depth racks
RIB-2-WMRK-36	2	VFEET-2-12	WMANGLE-2-3642	WMRK 36" depth racks
RIB-3-WMRK-36	3	VFEET-3-12	WMANGLE-3-3642	WMRK 36" depth racks
RIB-1-WMRK-42	1	VFEET-1-12	WMANGLE-1-3642	WMRK 42" depth racks
RIB-2-WMRK-42	2	VFEET-2-12	WMANGLE-2-3642	WMRK 42" depth racks
RIB-3-WMRK-42	3	VFEET-3-12	WMANGLE-3-3642	WMRK 42" depth racks
RIB-1-WMRK-48	1	VFEET-1-12	WMANGLE-1-48	WMRK 48" depth racks
RIB-2-WMRK-48	2	VFEET-2-12	WMANGLE-2-48	WMRK 48" depth racks
RIB-3-WMRK-48	3	VFEET-3-12	WMANGLE-3-48	WMRK 48" depth racks
RIB-1-MRK-26	1	VFEET-1-12	ANGLE-1	MRK 26" depth racks
RIB-2-MRK-26	2	VFEET-2-12	ANGLE-2	MRK 26" depth racks
RIB-3-MRK-26	3	VFEET-3-12	ANGLE-3	MRK 26" depth racks
RIB-4-MRK-26	4	VFEET-4-12	ANGLE-4	MRK 26" depth racks

RIB Series Riser Bases Part #	# of Bays	Raised Floor Riser Feet Part #	Raised Floor Support Angles Part #	Accommodates
RIB-5-MRK-26	5	VFEET-5-12	ANGLE-5	MRK 26" depth racks
RIB-1-MRK-31	1	VFEET-1-12	ANGLE-1	MRK/VMRK/VRK 31" depth racks
RIB-2-MRK-31	2	VFEET-2-12	ANGLE-2	MRK/VMRK/VRK 31" depth racks
RIB-3-MRK-31	3	VFEET-3-12	ANGLE-3	MRK/VMRK/VRK 31" depth racks
RIB-4-MRK-31	4	VFEET-4-12	ANGLE-4	MRK/VMRK/VRK 31" depth racks
RIB-5-MRK-31	5	VFEET-5-12	ANGLE-5	MRK/VMRK/VRK 31" depth racks
RIB-1-MRK-36	1	VFEET-1-12	ANGLE-1-36	MRK/VRK 36" depth racks
RIB-2-MRK-36	2	VFEET-2-12	ANGLE-2-36	MRK/VRK 36" depth racks
RIB-3-MRK-36	3	VFEET-3-12	ANGLE-3-36	MRK/VRK 36" depth racks
RIB-4-MRK-36	4	VFEET-4-12	ANGLE-4-36	MRK/VRK 36" depth racks
RIB-5-MRK-36	5	VFEET-5-12	ANGLE-5-36	MRK/VRK 36" depth racks
RIB-1-MRK-42	1	VFEET-1-12	ANGLE-1-42	MRK/VRK 42" depth racks
RIB-2-MRK-42	2	VFEET-2-12	ANGLE-2-42	MRK/VRK 42" depth racks
RIB-3-MRK-42	3	VFEET-3-12	ANGLE-3-42	MRK/VRK 42" depth racks
RIB-1-DRK-31	1	VFEET-1-12	DANGLE-1-31	DRK 31" depth racks
RIB-2-DRK-31	2	VFEET-2-12	DANGLE-2-31	DRK 31" depth racks
RIB-3-DRK-31	3	VFEET-3-12	DANGLE-3-31	DRK 31" depth racks
RIB-1-DRK-36	1	VFEET-1-12	DANGLE-1-3642	DRK 36" depth racks
RIB-2-DRK-36	2	VFEET-2-12	DANGLE-2-3642	DRK 36" depth racks
RIB-3-DRK-36	3	VFEET-3-12	DANGLE-3-3642	DRK 36" depth racks
RIB-1-DRK-42	1	VFEET-1-12	DANGLE-1-3642	DRK 42" depth racks
RIB-2-DRK-42	2	VFEET-2-12	DANGLE-2-3642	DRK 42" depth racks
RIB-3-DRK-42	3	VFEET-3-12	DANGLE-3-3642	DRK 42" depth racks

BGR and EGR options are shown on rack series pgs.



# SRB Series Seismic Certified Riser Base and Accessories

## SRB Series Seismic Certified Riser Base

Designed to provide the same cable management facilities as our standard riser bases, but may be used in areas of high seismicity – Zone 4 or Seismic Design Category (SDC) “D”. The SRB Series seismic certified riser bases have been rigorously tested to satisfy the following codes and standards: 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 – Zone 4 or Seismic Design Category (SDC) “D”. These are designed for Mission Critical and/or High-Importance Installations in locations with the highest level of seismicity and top floor or rooftop installations including those within UBC and CBC Essential facilities or IBC, ASCE 7, and NFPA 5000 Seismic Use Group III facilities. For all codes, the Importance factor  $I_p$  is 1.5.

With standard 24" height (custom heights available upon request), these riser bases are constructed of substantial 11-gauge steel. Accepts standard angles to support surrounding raised floor tiles. Available for select enclosures, these riser bases require the use of seismic brackets (see below for part #s). Seismic certified riser bases on MRK, VRK, DRK, WMRK and WRK Series



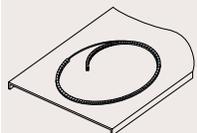
Part #	Description	Accommodates	Seismic Brackets (1) set required per rack	Part #	Description	Accommodates	Seismic Brackets (1) set required per rack
SRB-1-MRK-2624	1 bay riser base	MRK 26" depth racks	MRK-Z4	SRB-2-WRK-3224	2 bay riser base	WRK 32" depth racks	WRK-Z4
SRB-2-MRK-2624	2 bay riser base	MRK 26" depth racks	MRK-Z4	SRB-3-WRK-3224	3 bay riser base	WRK 32" depth racks	WRK-Z4
SRB-3-MRK-2624	3 bay riser base	MRK 26" depth racks	MRK-Z4	SRB-1-WMRK-3124	1 bay riser base	WMRK 31" depth racks	WMRK-Z4
SRB-1-MRK-3124	1 bay riser base	MRK 31" & VRK 31" depth racks	MRK-Z4, VRK-Z4	SRB-2-WMRK-3124	2 bay riser base	WMRK 31" depth racks	WMRK-Z4
SRB-2-MRK-3124	2 bay riser base	MRK 31" & VRK 31" depth racks	MRK-Z4, VRK-Z4	SRB-1-WMRK-3624	1 bay riser base	WMRK 36" depth racks	WMRK-Z4
SRB-3-MRK-3124	3 bay riser base	MRK 31" & VRK 31" depth racks	MRK-Z4, VRK-Z4	SRB-2-WMRK-3624	2 bay riser base	WMRK 36" depth racks	WMRK-Z4
SRB-1-MRK-3624	1 bay riser base	MRK 36" & VRK 36" depth racks	MRK-Z4, VRK-Z4	SRB-1-WMRK-4224	1 bay riser base	WMRK 42" depth racks	WMRK-Z4
SRB-2-MRK-3624	2 bay riser base	MRK 36" & VRK 36" depth racks	MRK-Z4, VRK-Z4	SRB-2-WMRK-4224	2 bay riser base	WMRK 42" depth racks	WMRK-Z4
SRB-3-MRK-3624	3 bay riser base	MRK 36" & VRK 36" depth racks	MRK-Z4, VRK-Z4	SRB-1-WMRK-4824	1 bay riser base	WMRK 48" depth racks	WMRK-Z4
SRB-1-MRK-4224	1 bay riser base	MRK 42" & VRK 42" depth racks	MRK-Z4, VRK-Z4	SRB-2-WMRK-4824	2 bay riser base	WMRK 48" depth racks	WMRK-Z4
SRB-2-MRK-4224	2 bay riser base	MRK 42" & VRK 42" depth racks	MRK-Z4, VRK-Z4	SRB-1-DRK-3124	1 bay riser base	DRK 31" depth racks	MRK-Z4
SRB-3-MRK-4224	3 bay riser base	MRK 42" & VRK 42" depth racks	MRK-Z4, VRK-Z4	SRB-2-DRK-3124	2 bay riser base	DRK 31" depth racks	MRK-Z4
SRB-1-MRK-4824	1 bay riser base	MRK 48" & VRK 48" depth racks	MRK-Z4, VRK-Z4	SRB-1-DRK-3624	1 bay riser base	DRK 36" depth racks	MRK-Z4
SRB-2-MRK-4824	2 bay riser base	MRK 48" & VRK 48" depth racks	MRK-Z4, VRK-Z4	SRB-2-DRK-3624	2 bay riser base	DRK 36" depth racks	MRK-Z4
SRB-3-MRK-4824	3 bay riser base	MRK 48" & VRK 48" depth racks	MRK-Z4, VRK-Z4	SRB-1-DRK-4224	1 bay riser base	DRK 42" depth racks	MRK-Z4
SRB-1-WRK-2724	1 bay riser base	WRK 27" depth racks	WRK-Z4	SRB-2-DRK-4224	2 bay riser base	DRK 42" depth racks	MRK-Z4
SRB-2-WRK-2724	2 bay riser base	WRK 27" depth racks	WRK-Z4	SRB-1-DRK-4824	1 bay riser base	DRK 48" depth racks	MRK-Z4
SRB-3-WRK-2724	3 bay riser base	WRK 27" depth racks	WRK-Z4	SRB-2-DRK-4824	2 bay riser base	DRK 48" depth racks	MRK-Z4
SRB-1-WRK-3224	1 bay riser base	WRK 32" depth racks	WRK-Z4	<b>Custom heights &amp; depths available on request 9"- 24"</b>			

## Protective Grommet Strip

Place this flexible grommet material around openings and knockouts for additional cable protection. Fits any material up to 1/8" thick. Includes 30 ft. of black grommet.



GR-30



Part #	Description
GR-30	grommet, 30 feet

## Grommets

Grommets protect cables, and can be used on any 4" trade-size electrical knockout or used on 4-1/2" fan knockouts on Middle Atlantic Products top options. Allows for ganging without using expensive electrical fittings. GK-4G gland grommet blocks dust and helps control airflow.



GK4 mounted in ganged ERKs

### Grommet Ring - GK4



### Gland Grommet - GK-4G



shown mounted on MW-4FT top option

Part #	Description	Qty
GK-1X7G	1" x 7" gland grommet ring	4
GK-3G	3" gland grommet ring	4
GK-4G	4" gland grommet	4
GK4	4" grommet ring	4



# Cable Ladders

## Ladder Sections

**CUSTOM WIDTHS AND RUNG PLACEMENT AVAILABLE. CALL FOR DETAILS.**

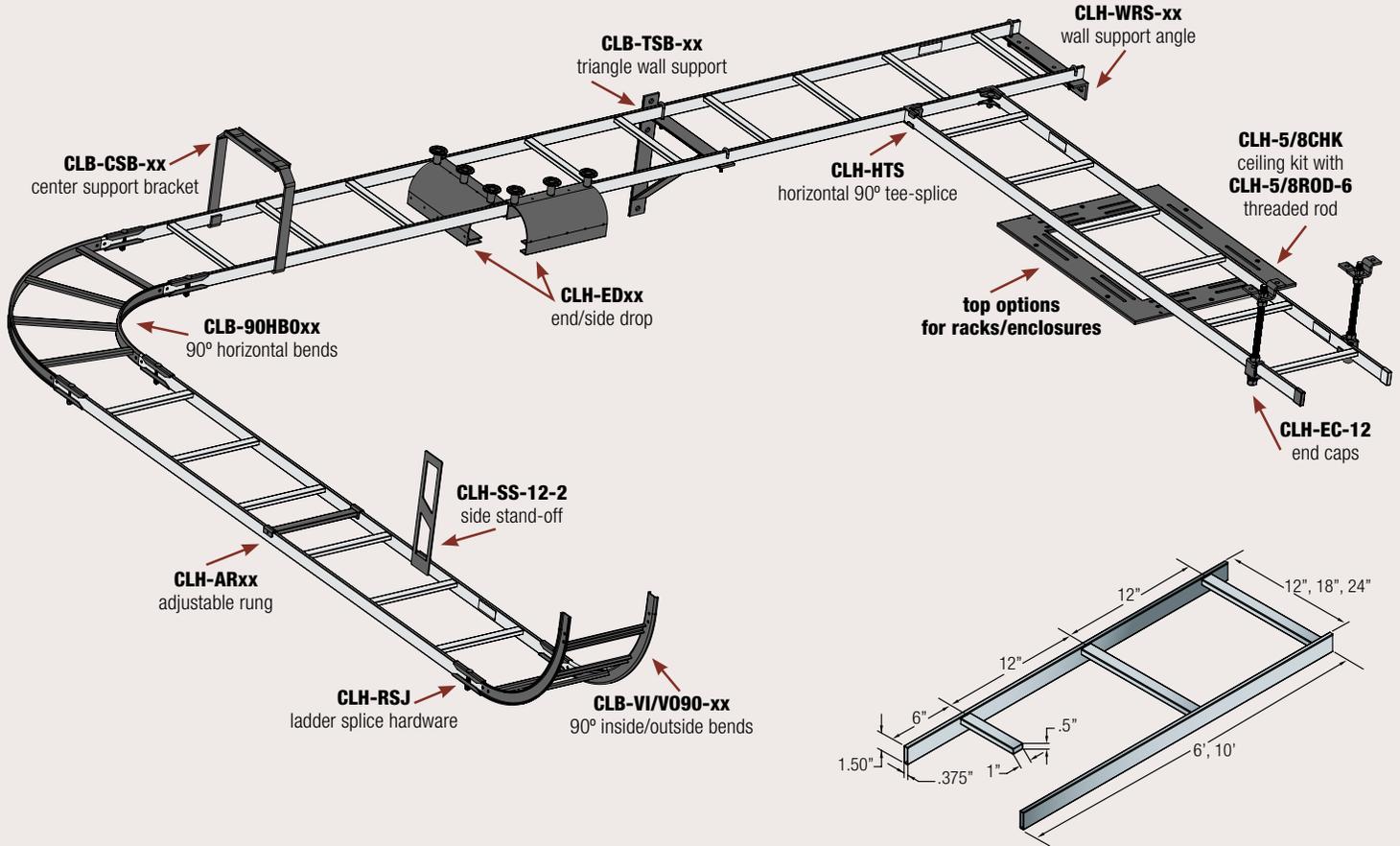
A complete line of 12", 18", and 24" wide, fully welded cable ladders. Cable ladder sections ship fully boxed, which minimizes product damage and simplifies shipping and storage. Highly durable finish consists of 2 layers of black powder coat and is exceptionally scratch resistant. Compatible with most popular brands and accessories of cable ladders, these will work on both new and retrofit installations.



EIA/TIA Compliant

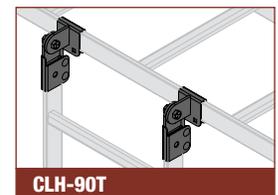
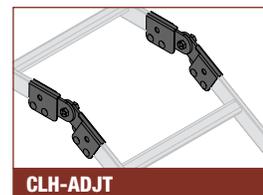
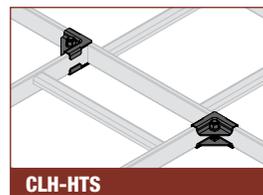
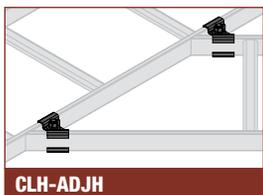


Spec. # 96-986  
for full product info.



12" Wide Bulk Packs	12" Wide Part #	18" Wide Part #	24" Wide Part #	Description
CLB-6-12 (12 pieces)	CLB-6	CLB-6-W18	CLB-6-W24	6' long straight ladder section, black
CLB-10-12 (12 pieces)	CLB-10	CLB-10-W18	CLB-10-W24	10' long straight ladder section, black
CLB-90HB-4 (4 pieces)	CLB-90HB	CLB-90HB-W18	CLB-90HB-W24	90° horizontal bend, black
CLB-VI90-4 (4 pieces)	CLB-VI90	CLB-VI90-W18	CLB-VI90-W24	90° vertical inside bend, black
CLB-V090-4 (4 pieces)	CLB-V090	CLB-V090-W18	CLB-V090-W24	90° vertical outside bend, black

## Junction and Splice Hardware - All Hardware has Black Finish



Part #	Qty	Description
CLH-ADJH	1 pair	adjustable horizontal splice hardware
CLH-ADJH-6	6 pairs	adjustable horizontal splice hardware
CLH-RSJ	1 pair	ladder end splice hardware
CLH-RSJ-6	6 pairs	ladder end splice hardware
CLH-HTS	1 pair	horizontal 90° tee splice hardware

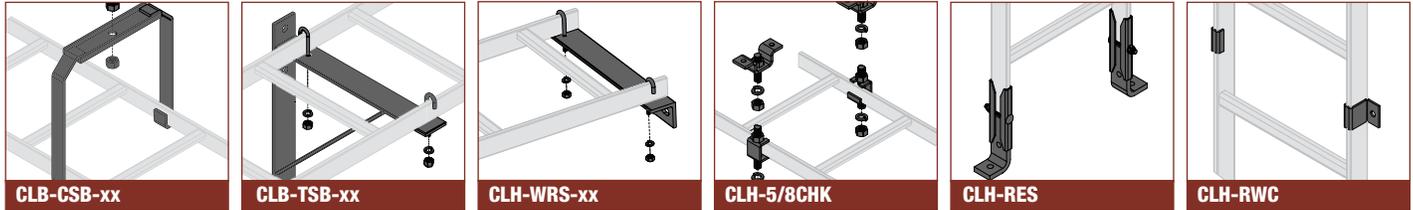
Part #	Qty	Description
CLH-HTS-6	6 pairs	horizontal 90° tee splice hardware
CLH-ADJT	1 pair	adjustable ladder end splice hardware
CLH-ADJT-6	6 pairs	adjustable ladder end splice hardware
CLH-90T	1 pair	adjustable 90° tee splice hardware
CLH-90T-6	6 pairs	adjustable 90° tee splice hardware



# Cable Ladders

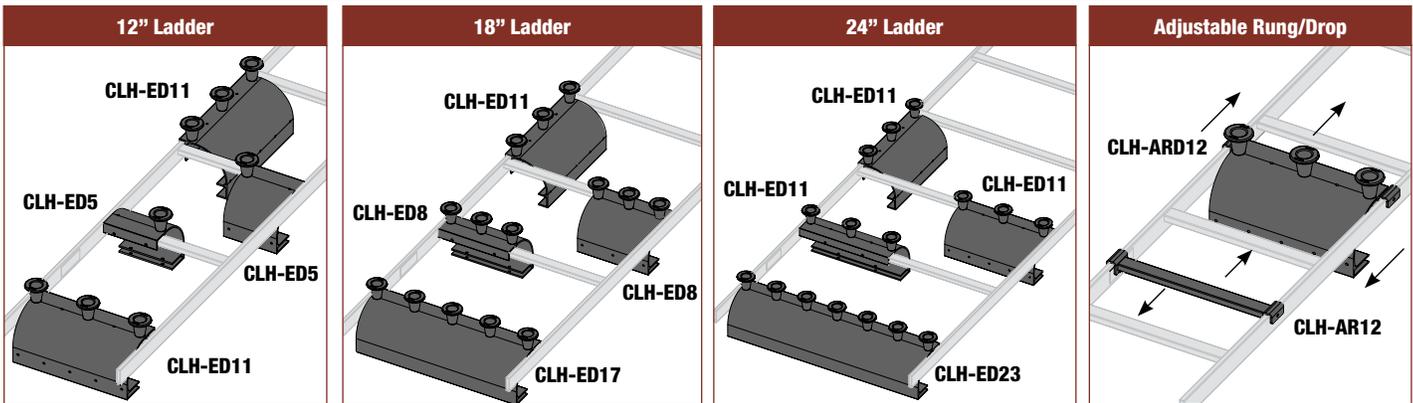
## Wall/Ceiling Mounts - All Hardware has Black Finish

CUSTOM WIDTHS AND RUNG PLACEMENT AVAILABLE. CALL FOR DETAILS.



12" Wide (Bulk 6 Pack)	12" Wide Part #	18" Wide Part #	24" Wide Part #	Description
CLB-CSB-6	CLB-CSB	CLB-CSB-W18	CLB-CSB-W24	center support bracket
CLB-TSB-6	CLB-TSB	CLB-TSB-W18	CLB-TSB-W24	triangle wall support bracket
CLH-WRS-6	CLH-WRS or CLH-WRS-W6-W12	CLH-WRS-W18-W24	CLH-WRS-W18-W24	ladder wall support angle
CLH-5/8CHK-6		CLH-5/8CHK		5/8" slotted ceiling kit, fits all widths
-		CLH-5/8ROD-12-4		12" long section 5/8" threaded rod, 4 pieces
-		CLH-5/8ROD-6		6" long section 5/8" threaded rod, 1 piece
CLH-RES-6		CLH-RES		ladder end support hardware, fits all widths
CLH-RWC-6		CLH-RWC		ladder wall clamp, fits all widths

## Side, End Drops and Adjustable Rungs



12" Wide (Bulk 4 Pack)	12" Wide Part #	18" Wide Part #	24" Wide Part #	Description
-	CLH-AR12	CLH-AR18	CLH-AR24	adjustable rung (no drop)
-	CLH-ARD12	CLH-ARD18	CLB-ARD24	adjustable rung drop with spools
CLH-ED11-4	CLH-ED11	CLH-ED17	CLH-ED23	end drop with spools
-		CLH-ED5		5" wide end drop with spools, fits all widths
-		CLH-ED8		8" wide end drop with spools, fits all widths
CLH-SD8-4		CLH-SD8		8" wide side drop with spools, fits all widths

## Accessories



Part #	Description	Part #	Description
CL-GK	cable ladder bonding kit	CLH-5/8ROD-6	6' long section 5/8" threaded rod, 1 piece
CLH-EC-12	cable ladder end caps (12 pieces)	CLH-SS-12-2	12" high, side stand-off, 2 pieces
CLH-JBOLT	5/16" J-bolts and nuts (1 pair)	MK-LA	ladder adapter kit for MK-19-45-RL & RLA Series racks
CLH-SPOOL-10	cable management spools (10 pieces)	MW-LA	top option for DRK, MRK, WRK, VRK and VMRK Series enclosures
CLH-5/8ROD-12-4	12" long section 5/8" threaded rod, 4 pieces		





## Rack Accessories



To complete an installation and to maximize its utility, designers and installers include products from this section. Don't be fooled by the term "accessories" – these products are essential! For example, controlling air infiltration with blank panels and custom face rackmounts may be an important element of the thermal management design, while effective use of products in this section to mount non-rackmount items can actually save rackspace.

Products in this section include storage solutions such as shelves and drawers, human interface solutions such as monitor mounts and pull-out computer keyboards, and rack finishing products such as blank, vent, and security panels. Choosing the right products results in a professional appearance and helps assure proper system function and utility.

Please see the product groupings listed on the facing page. If you need help, please call or email our technical support group for assistance at 800-266-7225.





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**UCP Series Modular Custom Panel System** 162-163



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**Blank Panels** 167



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# Media Player and Wall Mount Shelves



**RSH4A4-MS**  
custom made for Savant® Rosie dock\*



**RSH4A4-MS**  
custom made for 2 Crestron® docks\*

## Custom Rackshelves for iPod® Docks and Other Portable Media Players

Custom-cut face, specific to your brand of dock, for a neatly trimmed installation in only a few days

- Enables easy access to buttons, IR window, and LED's and other indicators
- Large opening allows dock and player to be easily inserted and removed
- 4 space size accommodates most brands of iPod docks & other media players
- Brush grommet cable pass-through
- See pg. 151 or visit custom rackshelf search at middleatlantic.com for ordering information



includes rear accessory/cable shelf

Part #	Racking Height	Finish
RSH4A4-MS	7" (4 space)	black brushed & anodized
RSH4S4-MS	7" (4 space)	black textured



EIA/TIA Compliant

Spec. #  
**96-01096**  
for full  
product  
info.

## Universal Media Player and Accessory Shelf

Convenient method for rackmounting portable media players, and electronic accessories

- Fits most popular models of MP3 players and satellite radio receivers (7-5/16" useable depth, 5-7/8" useable height, 4 rackspaces tall)
- Accommodates one or more players (customer supplied docks)
- Optional rear accessory shelf can hold power bricks or other devices
- Installed grommets protect cords



**SH-DMP-S** shown with MP3 player and satellite radio receiver\*



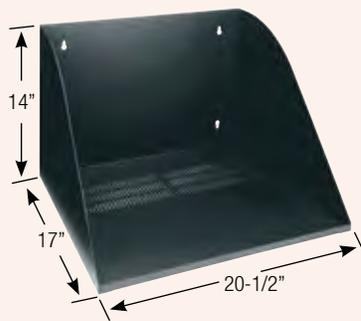
**SH-DMP-A** digital media player shelf shown with game controllers\*

Part #	Description	Finish
SH-DMP-A	digital media player shelf	black brushed & anodized
SH-DMP-S	digital media player shelf	black textured
SH-DMP-EXT	digital media player rear accessory shelf	



**SH-DMP-EXT**  
rear accessory includes cable management tie points

Media Player and Wall Mount Shelves

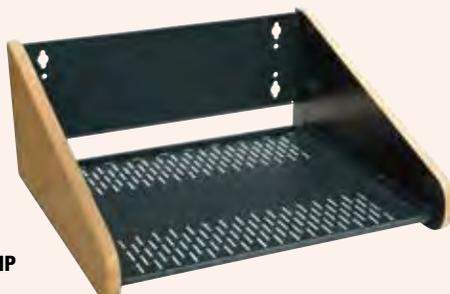


**WMS-20**

## Wall Mount Shelf

Wall mounting non-rackmount components is much easier with our WMS wall mount shelf. Featuring a fully welded design using 16-gauge steel, the unit's 200 lb. capacity gives it unrivaled strength in its class. With a vented bottom to help keep things cool, both 1/2" and 3/4" electrical knockouts are provided for your convenience. Can be used to economically wall mount our RK series racks, see pg. 52.

Part #
WMS-20



**WMS-1614MP**

## Furniture Side Wall Mount Shelf

- Rounded outside corners for safety
- Easy to install
- Standard colors are dark cherry, graystone and maple (shown)
- Hold items up to 18" wide and 15" deep with room for cables
- 20-1/4" wide, 18-1/2" deep, 9" tall
- 100 lb. weight capacity

Part #	Finish
WMS-1614DC	Dark Cherry
WMS-1614GS	Graystone
WMS-1614MP	Maple

• available in other finishes and custom sizes, call for details

\*docks and devices not included



## Front-Loading Media Holders

Store CDs, DVDs, and other recorded media in our rackmount media holders. Partitioned to prevent the contents from tipping, each model features a 16-gauge flanged aluminum face and has a black brushed and anodized or a textured black powder coat finish. All stored media protrudes 3/8" to allow quick retrieval.



DVD



CD



CD-1

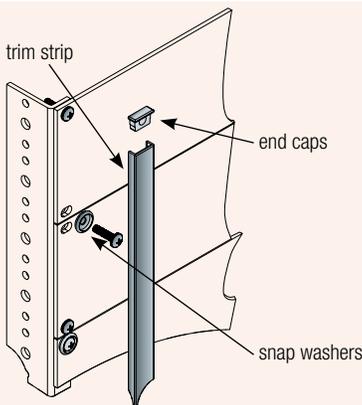
DVD holder accommodates DVDs; PS3®, Xbox 360®, Wii® games; Blu-ray®, HD-DVD, DVD-Audio media



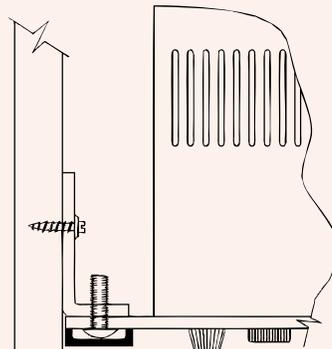
Black Anodized Part #	Black Textured Part #	Fits	Racking Height	Depth
DVD	–	28 DVDs; PS3®, Xbox 360®, Wii® games; Blu-ray®, HD-DVD, DVD-Audio media	8-3/4" (5 space)	5-1/2"
CD	TCD	40 compact discs, SA-CD	7" (4 space)	5-3/4"
CD-1	–	6 CDs	1-3/4" (1 space)	5-1/2"

## Trim Strips

As a final aesthetic complement to any installation, add our finishing trim strips. A quick, clean and effective method of covering rack screws once the job is complete. Each channel-shaped trim strip measures 45 spaces (78-3/4" long), and features internal grooves that fit into the supplied snap washers. Offered in black brushed and anodized or black powder coat finish, trim strips are cut easily to size with a hacksaw. Sold in individual strips.



TA/TS mounting method



trim strip profile (top view)



without trim strip installed



with trim strip installed

Part #	Finish	Includes
TA	black brushed & anodized	mounting screws (16), snap washers (16), end caps (8)
TS	black powder coat	mounting screws (16), snap washers (16), end caps (8)



**D4** with  
**DCDP** partition,  
see pg. 149



## Rack Drawer Quick Reference Guide

Series	No-Slip Drawer Mat	Rear Cable Gland Grommet	Keylock	Finish	Application
<b>D*</b>	included	included	optional	black anodized	matching aesthetic finishes
<b>TD*</b>	included	included	optional	black textured	utility
<b>TD8FLK</b>	optional	–	included	black textured	hanging file drawer
<b>UD</b>	optional	–	optional	flat black	utility

**\*5 space drawers do not include grommet and drawer mat**



EIA/TIA Compliant



Spec. #  
**96-006**  
for full  
product  
info.

## Heavy-Duty D and TD Series Drawers

Fully enclosed top with inside dimensions measuring 15-7/8" wide by 14-1/2" deep, the D and TD Series drawers feature spring-loaded latches and rugged, straight-forward construction. Installed keylock option available. 2, 3 and 4 space models include drawer mat and rear cable grommet at no extra charge!



**TD8FLK**  
8 space locking  
drawer includes  
letter size 8-1/2" x 11"  
file hanging kit and  
installed keylock



**D3**

Black Anodized Part #*	Black Textured Part #*	Racking Height
D2	TD2	3-1/2" (2 space)
D3	TD3	5-1/4" (3 space)
D4	TD4	7" (4 space)
D5	TD5	8-3/4" (5 space)
–	TD8FLK**	14" (8 space)

\*Suffix part # with "LK" for installed keylock option.  
\*\*Includes 8-1/2" x 11" letter size file hanging kit and installed keylock.



grommet in rear



EIA/TIA Compliant

Spec. #  
**96-047**  
for full  
product  
info.

## Utility Rackshelves

- Accommodate components up to 17-3/8" wide
- Made from 16-gauge steel
- Finished in a durable black powder coat
- Individually boxed



**U2**

Part #	Racking Height	Overall Depth	Useable Depth	Weight Capacity
U1	1-3/4" (1 space))	10-3/4"	10-1/16"	35 lbs.
U2	3-1/2" (2 space)	14-9/16"	14-3/8"	50 lbs.
U3	5-1/4" (3 space)	14-9/16"	14-3/8"	70 lbs.
U4	7" (4 space)	15-1/2"	15-5/16"	85 lbs.

**Master Pack Quantity Discount Available - please call**



**UD3**

**UD1**  
invert for  
one space  
sliding shelf



## UD Series Utility Drawers

The UD Series drawers offer an economical rack storage solution. Full extension ball bearing slides extend a full 14" to reveal inside dimensions measuring 15-7/8" wide by 14-1/2" deep. Each model comes with a face formed drawer pull. User-installed latch and keylock are available options. Black powder coat finish.

Part #	Racking Height	Part #	Description
UD1	1-3/4" (1 space)	LATCH	user installed latch
UD2	3-1/2" (2 space)	KYLK	user installed keylock
UD3	5-1/4" (3 space)		
UD4	7" (4 space)		



# Rackmount Storage

## Drawer Accessories

Part #	Description
LATCH	user installed UD latch
KYLK	user installed UD keylock
ACC-KEY	additional set of keys for drawers and LBX
DM	no-slip drawer mat

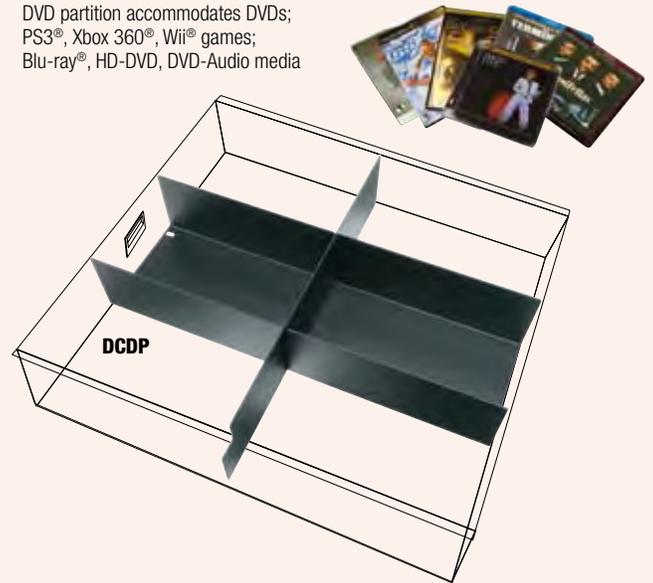


## Media Partitions for D, TD, and UD Series Drawers

Partition your D, TD, and UD Series drawers for media storage. Featuring a snap-together fit, these partitions are also handy for small parts and misc. hardware.

Part #	Fits	Accommodates
DCDP	D4, TD4, UD4	103 CDs, SA-CD
DVDP	D4, TD4, UD4	40 DVDs; PS3®, Xbox 360®, Wii® games; Blu-ray®, HD-DVD, DVD-Audio media

DVD partition accommodates DVDs; PS3®, Xbox 360®, Wii® games; Blu-ray®, HD-DVD, DVD-Audio media



## Lockboxes

Safely secure gear in a rackmount LBX Series lockbox. 9" depth and 17" interior width, 3 and 4 space models are offered with a durable black powder coat finish.

Part #	Racking Height	Depth
LBX-3	5-1/4" (3 space)	9"
LBX-4	7" (4 space)	9"



## Customizable Foam Inserts

Customizable foam inserts can be modified to hold any accessory tightly in place. Protects sensitive equipment and tools from shifting or becoming damaged when drawers are opened and closed. Fits any Middle Atlantic Products drawer.

Part #	Description
FI-2	customizable foam insert, fits 2 space drawer
FI-3	customizable foam insert, fits 3 space drawer
FI-4	customizable foam insert, fits 4 space drawer



foam sections removable to fit snug against sensitive tools and equipment



# RSH Series Custom Face Rackmounts

## The Professional's Choice for Mounting and Trimming Non-Rackmount Components



Installation by Intra Home Systems



EIA/TIA Compliant



Spec. #  
**96-034**  
for full  
product  
info.  
**ABE**  
(Component)

Spec. #  
**96-999**  
for full  
product  
info.  
**ABE**  
(LCD)

With the innovative RSH custom rackmounts, virtually any component can be installed in a standard 19" enclosure without modification.

Custom cut to provide a perfect opening for the face of the component that is being mounted, each RSH unit provides a neatly-trimmed installation with a perfect fit and no gaps. With accurate details on over 9,500 components in our measured unit database, chances are we have the component needed on file.

Unit assembles easily in minutes and includes rear brackets to prevent the mounted component from sliding back. Fully ventilated ears and bottom promote cooling. Depending on the needs of the installation, the units can be ordered with a black textured finish (model RSH4S) or a black brushed and anodized finish (model RSH4A). Bottom depths are automatically provided in 11-1/2", 14", 15-1/2", 17-1/2", or 20-1/2" styles. Custom rackmounts will accept any component up to 17-3/4" wide. Individual custom faces (less rack ears and shelf bottom) are also available in a black textured finish (model SFACE) or a black brushed and anodized finish (model AFACE). LCD rackmounts also available to mount most LCD monitors with up to a 17" screen size or with a maximum width of 17-3/8".

NOTE: custom rackshelf height is specified at the factory based on physical restrictions. Visit [middleatlantic.com](http://middleatlantic.com) to find heights on all measured components, or design the system in RackTools® or Visio® Blocks, which are both updated regularly with the latest components.

Part# & Finish	Matching Finish	Pg.
<b>RSH4A</b> black brushed and anodized	QFP Quiet Fan Panels	121
	FP Fan Panels	121
	TA Trim Strip	147
	Media Holders (CD, CD-1, DVD)	147
	D Series Rack Drawers	148
	VTP, EVTA Ventilation Panels	166
	BL, HBL Blank Panels	167
<b>RSH4S</b> black textured powder coat	QTFP Quiet Fan Panels	121
	TFP Fan Panels	121
	TS Trim Strip	147
	Media Holders (TCD)	147
	TD Series Rack Drawers	148
	VT, EVT Ventilation Panels (flat)	166
	SB Blank Panels	167



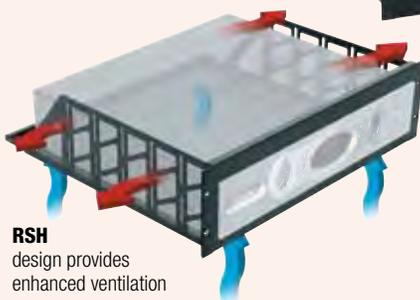
RSH



See pg. 146 for custom rackshelves for media docks



RSH  
LCD mounts



RSH  
design provides  
enhanced ventilation



PD-815SC-PBSH  
rear mount power  
option available



Click for quick access to measured unit database



Database now includes iPad® docks.



# RSH Series Custom Face Rackmounts



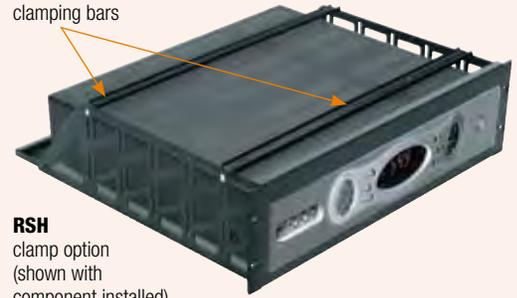
## RSH Clamp Options

When dealing with mobile applications, seismic issues, or for transporting the finished system to the job site, use the RSH clamp option to secure components to the shelf. Clamping bars have rubber bumpers to maintain a tight grip while keeping components scratch-free.

Part #	Finish
RSH4A	black brushed and anodized custom rackshelf
RSH4S	black textured powder coat custom rackshelf
-C	clamp kit

Part #	Finish
AFACE	black anodized face plate only
SFACE	black textured face plate only

**-C**  
optional  
clamping bars



**RSH**  
clamp option  
(shown with  
component installed)

Installation by Intra Home Systems



RSH Series Custom Face Rackmounts

## Ordering Instructions

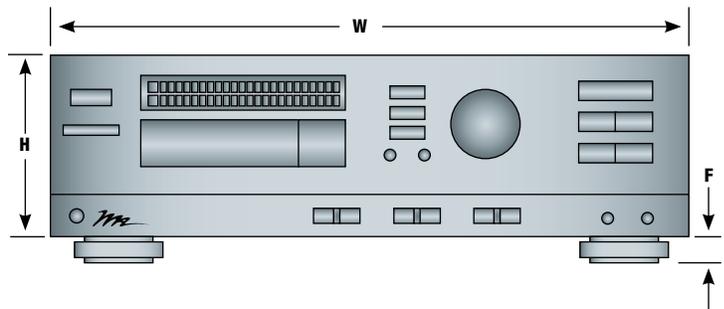
Visit [middleatlantic.com](http://middleatlantic.com) to see if the dimensions for the component to be rackmounted already exist among the over 9,500 on file. If we don't have the dimensions, we strongly suggest that you insure the component and ship it to us via UPS so that we may accurately measure it. We will ship the component back to you insured, the next day. The complete custom rackmount will follow within the next 2 business days.

A second ordering option for custom mounting components with dimensions we don't have on file is to fax us the measurements using the form on this page. The W, H, and F dimensions shown in the illustration MUST be accurate within 1/32", depth can be within 1/8". The use of dimensions provided in the component's owner's manual are NOT acceptable. Please measure carefully as RSH units are custom-made and non-returnable.

**If we need dimensions please photocopy, fill in and fax to 973-839-1076**

Company Name:	Phone:
Contact Name	Fax:
P.O.#:	<input type="checkbox"/> Black brushed & anodized finish
	<input type="checkbox"/> Black textured finish
Make:	Model:
W=face width:	H=face height:
F=foot height:	Depth:

Please visit our website for a complete list of measured components.



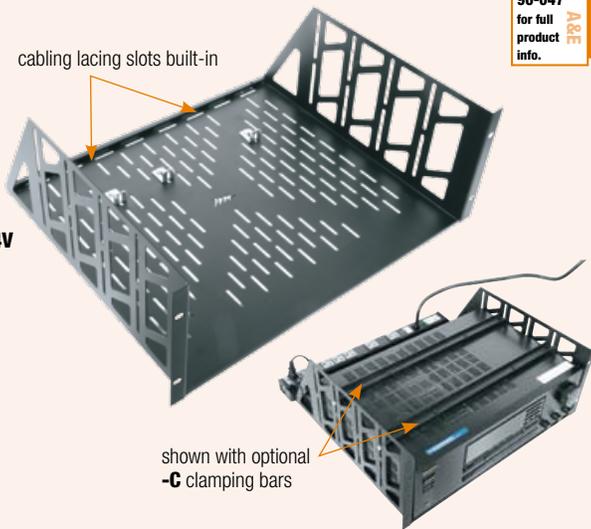
 **EIA/TIA Compliant**

Spec. #  
**96-047**  
for full  
product  
info.

ABE

cabling lacing slots built-in

**U4V**



shown with optional  
-C clamping bars

## Fully Vented Utility Shelf

- Fully ventilated bottom and side areas for maximizing heat dissipation
- Includes 3 rear brackets to prevent components from sliding backwards
- Allows optional PD-815SC-PBSH (15 Amp, 8 outlet surge protected power strip) to be attached to the rear of the shelf
- Allows attachment of optional clamping bars to secure components

Part #	Racking Height	Overall Depth*	Useable Depth	Weight Capacity
U2V	3-1/2" (2 space)	14-9/16"	14-3/8"	50 lbs.
U3V	5-1/4" (3 space)	14-9/16"	14-3/8"	70 lbs.
U4V	7" (4 space)	15-1/2"	15-5/16"	85 lbs.

\*Power strip on rear adds 2" to overall depth of shelf



allows optional PD-815SC-PBSH to be attached to the rear of the shelf, see pg. 99

 **EIA/TIA Compliant**

 **US LISTED**

Spec. #  
**96-047**  
for full  
product  
info.

ABE

**U2**



## Utility Rackshelves

- Accommodate components up to 17-3/8" wide
- Made from 16-gauge steel
- Finished in a durable black powder coat
- Individually boxed

Part #	Racking Height	Overall Depth	Useable Depth	Weight Capacity
U1	1-3/4" (1 space))	10-3/4"	10-1/16"	35 lbs.
U2	3-1/2" (2 space)	14-9/16"	14-3/8"	50 lbs.
U3	5-1/4" (3 space)	14-9/16"	14-3/8"	70 lbs.
U4	7" (4 space)	15-1/2"	15-5/16"	85 lbs.

Master Pack Quantity Discount Available - please call

 **EIA/TIA Compliant**

 **US LISTED**

Spec. #  
**96-047**  
for full  
product  
info.

ABE

cabling lacing slots built-in

**U317**



## Partially Vented Deep Utility Shelf

17-3/4" deep by 5-1/4" high, this partially vented rackshelf has a 60 lb. weight capacity and a rear flange slotted for horizontal cable management. Constructed from 16-gauge steel and finished in a black powder coat.

Part #	Racking Height	Overall Depth	Useable Depth	Weight Capacity
U317	5-1/4" (3 space)	17-7/8"	17-3/4"	60 lbs.

**U2Ms**



cabling lacing slots built-in

## Vented Center Mount Shelf

- Supports up to 50 lbs.
- 2 space (3.5")
- 18" deep
- Vented bottom aids cooling
- Durable black powder coat finish

Part #	Racking Height	Useable Shelf Area	Weight Capacity
U2MS	3-1/2" (2 space)	17-1/4" x 18"d	50 lbs.

## Clamping Rackshelves

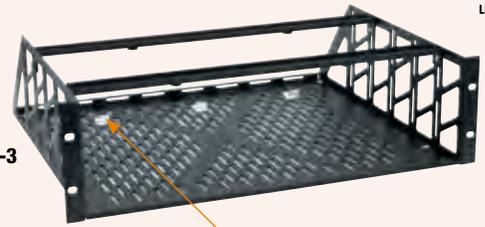
Captivate components with RC and CAP Series clamping rackshelves. Rubber-lined clamps secure a component from the top. Adjustable rear "L" brackets prevent units from being pushed back. Vented bottoms with a robust 16-gauge steel design that maintains structural integrity in mobile applications. Finished in a durable black powder coat. Useable shelf area is 17.38"w x 15.10"d.

Type	Part #	Racking Height	Clamp Height Range	Weight Capacity
ships assembled	RC-2	3-1/2" (2 space)	1"-2-3/4"	50 lbs.
	RC-3	5-1/4" (3 space)	2-3/4"-4-5/8"	70 lbs.
	RC-4	7" (4 space)	4-1/2"-6-3/8"	85 lbs.
ready to assemble	CAP5	8-3/4" (5 space)	6-3/8"-8-1/8"	100 lbs.
	CAP6	10-1/2" (6 space)	8"-9-7/8"	100 lbs.
	CAP7	12-1/4" (7 space)	9-3/4"-11-5/8"	100 lbs.
	CAP8	14" (8 space)	11-1/2"-13-3/8"	100 lbs.



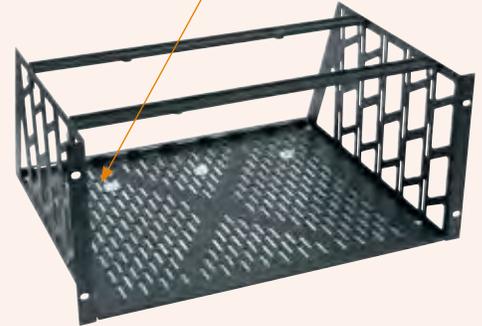
PD-815SC-PBSH rear mount power option available, see pg. 99

RC-3



brackets prevent components from sliding backwards

CAP5



## Cable/Satellite Box Captivating Rackshelf

Superior ventilation for cable and satellite boxes or any components that generate considerable heat. Adjustable rubber lined clamping bars on the top and bottom secure components and the open design allows a higher level of equipment density within the rack. Constructed from 16-gauge steel, finished in a durable black powder coat.

Part #	Racking Height	Depth	Weight Capacity	Useable Height
OCAP-2	3-1/2" (2 space)	14"	25 lbs.	2-5/8"
OCAP-3	5-1/4" (3 space)	14"	25 lbs.	4-3/8"



use 2 space model for highest density equipment mounting



use 3 space model for greater heat dissipation



EIA/TIA Compliant

Spec. #  
96-01060  
for full  
product  
info.

ARE

OCAP-3



provides an air gap above and below device

## VRS Vertical Rackmount Shelf

Space-saving rackmount shelf holds up to 6 satellite or cable boxes vertically and eliminates need for individual shelves.

- Perfect for installations with multiple video sources such as sports bars, gyms, hotels
- Universal fit accommodates most popular box sizes
- Saves time, trouble and space - by removing need for individual shelves
- For neatest installation, use with SignalSafe™ IEC cords
- Compatible with PD815SC-PBSH power strip; conveniently mounts to rear edge



VRS shown with optional power strip PD-815SC-PBSH, see pg. 99



EIA/TIA Compliant

Spec. #  
96-01114  
for full  
product  
info.

ARE

VRS



Part #	Description
VRS	vertical rackmount system

Ideal for use with FTA fan tray system, see pg. 120



flexible top and bottom mounting plates

# Rackshelves - 4-Point Adjustable Depth

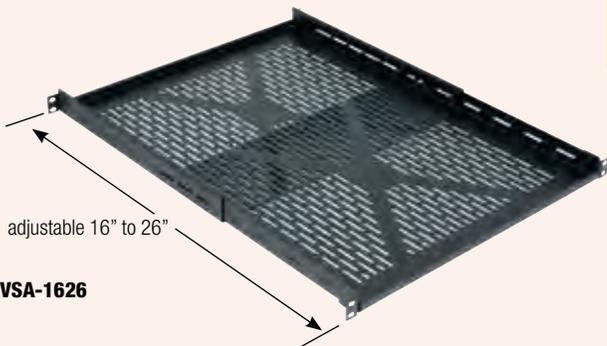
Rackshelves - 4-Point Adjustable Depth

 EIA/TIA Compliant

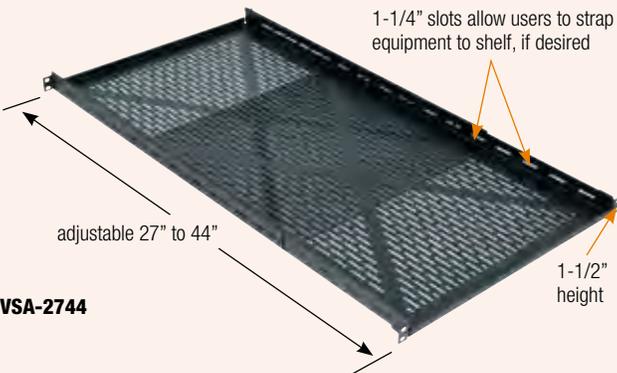
Spec. #  
96-01080  
for full  
product  
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## Telescoping Full Depth Heavy Duty 4-Point Rackshelf

The most versatile, heavy duty shelf available! Unlike standard adjustable shelves, the entire VSA shelf telescopes to reach rear rail, providing a range of useable depths from 16" to 44". Providing the greatest useable depth in its class and featuring a 400 lb. weight capacity, the heavy-duty VSA is ideal for even the deepest components. Constructed of hemmed 16-gauge steel and finished in a durable black powder coat, the VSA is **fully vented** for superior cooling and features many tie points for enhanced cable management.



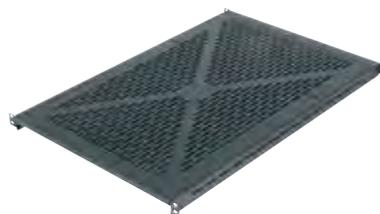
VSA-1626



VSA-2744

Part #	Racking Height	Overall Depth	Weight Capacity
VSA-1626	1-1/2" (<1 rackspace)	17.25"w x 16" (min.) to 26" (max) d	400 lbs.
VSA-2744	1-1/2" (<1 rackspace)	17.25"w x 27" (min.) to 44" (max) d	400 lbs.

**Easy to mount design requires less open rackspace to install other than 4-point shelves**

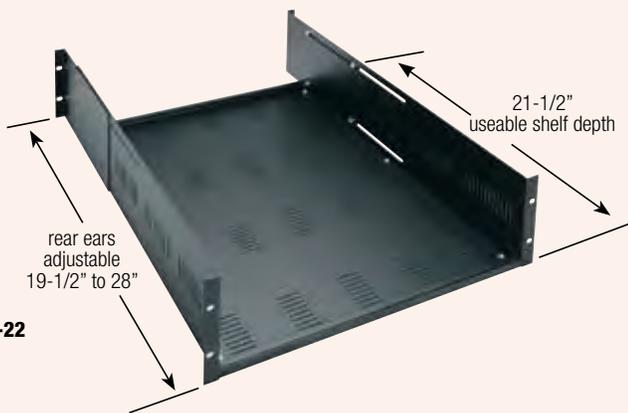


**HOT TIP!** Increase useable width from 17-3/16" to the useable width of the enclosure by inverting the VSA shelf!

EIA/TIA Compliant 

## Adjustable 4 Point Rackshelf

With a front to rear mounting adjustment range from 19-1/2" to 28" deep, the versatile AS3-22 shelf is vented and rackmounts most video decks and tower CPUs. Built expressly for heavy equipment, ships ready-to-assemble with included hardware and supports 300 lbs. NOTE: Fits in racks with a minimum 19-1/2" from front to rear rail.



AS3-22

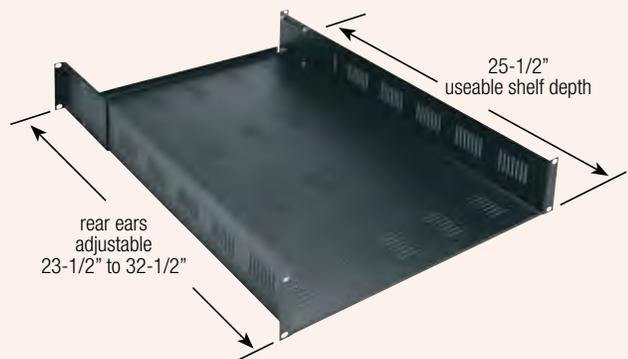
Part #	Racking Height	Shelf Area	Weight Capacity
AS3-22	5-1/4" (3 rackspace)	17-3/8"w x 21-1/2"d	300 lbs.



EIA/TIA Compliant 

## Adjustable Deep Rackshelf

The VDS shelf is a partially vented mounting solution for most deep equipment. This shelf has a front to rear mounting adjustment range from 23-1/2" to 32". NOTE: Fits in racks with a minimum 23-1/2" from front to rear rail.



VDS

Part #	Racking Height	Shelf Area	Weight Capacity
VDS	3-1/2" (2 rackspace)	17-3/8"w x 25-1/2"d	100 lbs.



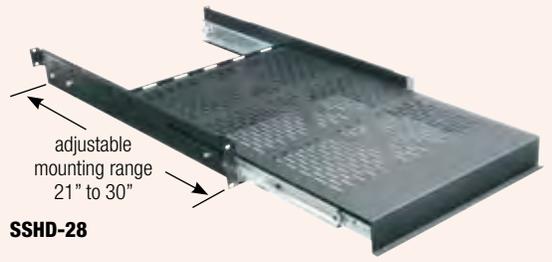
# Rackshelves – Sliding

## Heavy-Duty Sliding Shelf

**NEW!**

- Deep full extension shelf allows for easy maintenance of your components right on the shelf
- Durable black powder coat finish

Part #	Racking Height	Shelf Area	Weight Capacity
SSHHD-28	3-1/2" (2 space)	16-7/8" x 28"d	200 lbs.



## Heavy-Duty Sliding Shelf with Removable Face Option

**NEW!**

- Comes with mounting ears pre-assembled for quick installation
- Full extension lockout shelf allows for easy maintenance of your components right on the shelf
- Allows access to cable, wiring and connections from the front of the enclosure
- Optional lightweight removable cover panel
- 3 front-to-rear rail mounting ranges:
  - 12-1/2" to 16-3/8"
  - 23" to 26-3/4"
  - 27-3/8" to 29-1/8"
- 23-1/8" overall depth and 23" useable depth with foot holes
- Durable steel construction with black finish

Part #	Racking Height	Shelf Area	Description	Weight Capacity
SS4-23VTR	7" (4 space)	15-7/8" x 23"d	sliding shelf	75 lbs.
SS5-23VTR	8-3/4" (5 space)	15-7/8" x 23"d	sliding shelf	75 lbs.
SS-VTR-CVR4	7" (4 space)	–	removable cover	–
SS-VTR-CVR5	8-3/4" (5 space)	–	removable cover	–



## Utility Drawer

- Small versatile drawer fits in any rack
- Space-saving, convenient one space drawer for remote controls, equipment or user manuals
- Can be flipped over and used as a convenient one space sliding shelf

Part #	Racking Height	Description
UD1	1-3/4" (1 space)	utility drawer



## Full Extension Sliding Shelf

The SS sliding shelf is both functional and rugged. Capable of latching in an open or closed position, the shelf slides on ball bearings and extends a full 14" and mounts to any rack (rear rackrail required in steel racks). **Occupies slightly more than a single rackspace.** NOTE: Fits in racks with a minimum 15-1/8" from front to rear rails.

Part #	Shelf Area	Weight Capacity
SS	17-1/2"w x 14-3/4"d	50 lbs.

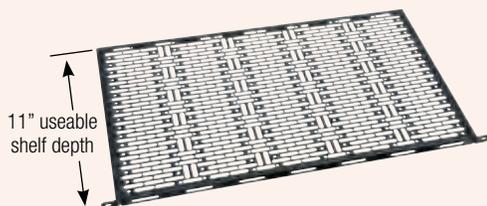


## Laminated Service Sliding Shelf

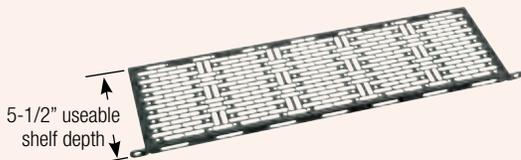
Filling just a single rackspace, SSL sliding shelf extends 11-3/8" on nylon roller slides equipped with positive-stop lockouts. A telescopic rear support mounts to any rack (rear rackrail required in steel racks). The shelf itself is made with an attractive black laminate material. NOTE: Fits in racks with a minimum 15-1/8" from front to rear rail.

Part #	Shelf Area	Weight Capacity
SSL	16-3/4"w x 14"d	35 lbs.





**MS-11**



**MS-5.5**

## MS Series Shelves



This innovative new shelf was designed to mount small items conveniently in the front or rear of a rack while providing abundant cable management and device tie down points. Pattern of holes and slots accommodates nearly any mounting hole pattern, and can also be used for wire tie or other fastening approaches. Surprisingly strong for their size, these shelves will solve many of your small item mounting challenges in any standard rack.

NOTE: Must be installed using standard 10-32 or 5mm rack screws into threaded rackrail.

Part #	Useable Shelf Area	Pre-Pack Qty	Weight Capacity
MS-11	1/2"h x 17-1/2"w x 11"d	1	15 lbs.
MS-11-4	1/2"h x 17-1/2"w x 11"d	4	15 lbs.
MS-5.5	1/2"h x 17-1/2"w x 5-1/2"d	1	30 lbs.
MS-5.5-4	1/2"h x 17-1/2"w x 5-1/2"d	4	30 lbs.

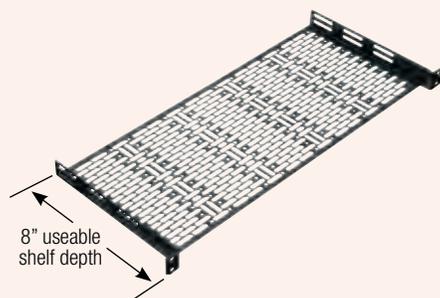


for view of application, please see pg. 160

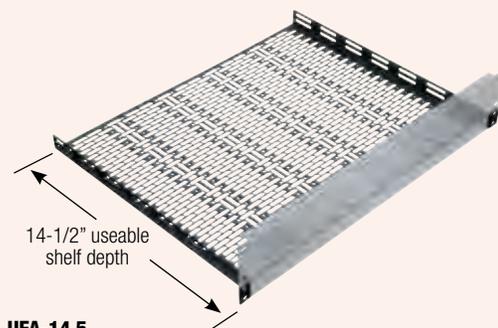
## UFA Shelves and UFAF Face Panels



"Universal Face-After" shelves designed to mount small items conveniently in the front or rear of a rack while providing outstanding cable management and small device tie down points. These shelves feature the unique ability to mount a faceplate after the shelf is installed and populated, providing an attractive and secure covering.



**UFA-8**



**UFA-14.5**  
shown with **UFAF-2A**

Shelf Part #	Racking Height	Useable Shelf Area	Pre-Pack Qty	Weight Capacity	Included Panel
UFA-8	1-3/4" (1 space)	17-1/4"w x 8"d	1	35 lbs.	—
UFA-8-4	1-3/4" (1 space)	17-1/4"w x 8"d	4	35 lbs.	—
UFA-14.5	1-3/4" (1 space)	17-1/4"w x 14-1/2"d	1	25 lbs.	—
UFA-14.5-4	1-3/4" (1 space)	17-1/4"w x 14-1/2"d	4	25 lbs.	—
UFA-8-F1	1-3/4" (1 space)	17-1/4"w x 8"d	1	35 lbs.	1 space
UFA-8-F2	3-1/2" (2 space)	17-1/4"w x 8"d	1	35 lbs.	2 space

Panel Part #*	Racking Height	Finish
UFAF-1	1-3/4" (1 space)	black powder coat
UFAF-1A	1-3/4" (1 space)	black brushed and anodized
UFAF-2	3-1/2" (2 space)	black powder coat
UFAF-2A	3-1/2" (2 space)	black brushed and anodized
UFAF-3	5-1/4" (3 space)	black powder coat
UFAF-3A	5-1/4" (3 space)	black brushed and anodized
UFAF-4	7" (4 space)	black powder coat
UFAF-4A	7" (4 space)	black brushed and anodized



for view of application, please see pg. 160

\*Panels can be used with any UFA Shelf model

## Chassis Support Brackets

Chassis support brackets are a simple way to support heavy equipment within the rack and facilitates ventilation of high heat-generating equipment.

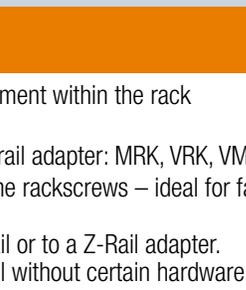
- Compatible with the following racks when used with Z-rail or Z-rail adapter: MRK, VRK, VMRK
- Allows equipment to be placed into the rack without attaching the rackscrews – ideal for fast swap outs

NOTE: These chassis support angles must be attached to the Z-Rail or to a Z-Rail adapter. These brackets are not compatible with standard L-shaped rackrail without certain hardware or rackrail adjustments.

Part #	Overall Depth	Pre-Pack Qty	Weight Capacity	Part #	Overall Depth	Pre-Pack Qty	Weight Capacity
CSA-18-H	18"	2	200 lb.	CSA-18	18"	2	100 lb.
CSA-20-H	20"	2	200 lb.	CSA-20	20"	2	100 lb.
CSA-22-H	22"	2	200 lb.	CSA-22	22"	2	100 lb.
CSA-24-H	24"	2	200 lb.	CSA-24	24"	2	100 lb.
CSA-26-H	26"	2	200 lb.	CSA-26	26"	2	100 lb.



**CSA-18**  
sold in pairs



## Shallow Depth Rackshelf

Designed to mount smaller components, wireless units and other non-rackmount equipment. Includes hook-and-loop strips for component mounting.

- Features an enhanced ventilation pattern
- Constructed from 16-gauge steel
- Finished in a durable black powder coat

Part #	Racking Height	Depth	Weight Capacity
UTR1	1-3/4" (1 space)	10"	25 lbs.

**\*Master Pack Quantity Discount Available - please call**

EIA/TIA Compliant

Spec. #  
**96-047**  
for full  
product  
info.



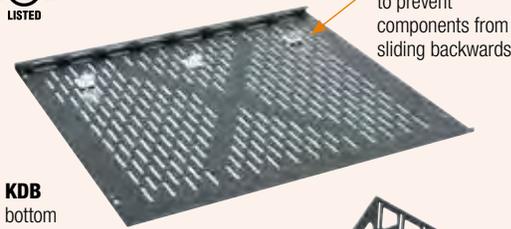
**UTR1**

## Ready-to-Assemble Rackshelves

Vented KD Series rackshelves ship ready-to-assemble to minimize freight costs & save storage space. Ear heights range from 2 to 10 spaces & are sold in pairs. All assembly hardware included.

Ear Part #	Racking Height	Depth	Weight Capacity	Bottom Part #	Useable Shelf Area
KDE2	3-1/2" (2 space)	15-1/2"	50 lbs.	KDB	17-3/8"w x 15-1/8"d
KDE2S	3-1/2" (2 space)	11-1/2"	50 lbs.	KDB-14*	17-3/8"w x 13-5/8"d
KDE3	5-1/4" (3 space)	15-1/2"	70 lbs.	KDB-17.5	17-3/8"w x 17.1/8"d
KDE3S	5-1/4" (3 space)	11-1/2"	70 lbs.	KDB-20.5	17-3/8"w x 20.1/8"d
KDE4	7" (4 space)	15-1/2"	85 lbs.	<b>*fits our DWR Series (use w/ 11-1/2" ears)</b>	
KDE4S	7" (4 space)	11-1/2"	85 lbs.		
KDE5	8-3/4" (5 space)	15-1/2"	100 lbs.	 <b>PD-815SC-PBSH rear mount power option available</b>	
KDE6	10-1/2" (6 space)	15-1/2"	100 lbs.		
KDE10	17-1/2" (10 space)	15-1/2"	100 lbs.		

US LISTED



**KDB**  
bottom

includes brackets  
to prevent  
components from  
sliding backwards



**KDE3**  
pair of ears

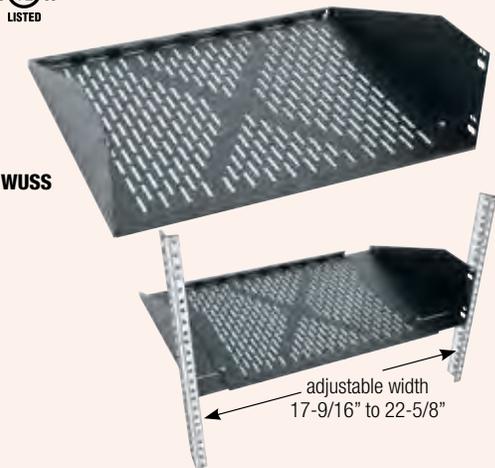
## Wide Unit Shelf System

Accommodating components too wide to fit the 17-3/8" inside width of standard rackshelves, these shelf systems fit units up to 22-1/2" wide, and either bolt into millwork or to the mounting angle of standard rackrail. Measuring 5-1/4" high, this shelf saves room by requiring no rackspaces. The WUSS system comes complete with a pair of ears, a bottom, and appropriate assembly hardware. NOTE: This rackshelf works with all Middle Atlantic Products enclosures with the exception of enclosures that use 'Z-Rail.'

Part #	Useable Shelf Area	Weight Capacity
WUSS11.5	17-3/8" (min.) to 22-5/8"w x 11-3/8"d	50 lbs.
WUSS14*	17-3/8" (min.) to 22-5/8"w x 13-7/8"d	50 lbs.
WUSS15.5	17-3/8" (min.) to 22-5/8"w x 15-3/8"d	50 lbs.
WUSS17.5	17-3/8" (min.) to 22-5/8"w x 17-3/8"d	50 lbs.
WUSS20.5	17-3/8" (min.) to 22-5/8"w x 20-3/8"d	50 lbs.

**\*Available in 14" depth - fits DWR Series and other shallow racks!**

US LISTED



**WUSS**

adjustable width  
17-9/16" to 22-5/8"

## SH Series Zero Space Rackshelves

These 4 point mount shelves have been purpose designed to fit in Slim 5, AXS, SRSR and WR equipment racks, and feature full-depth front and rear rackmounting to provide a sturdy shelf for non-rackmount components. The models designated for the Slim 5, AXS and SRSR mount to the sides of the rackrail, while the SH-WR features an enhanced, patent pending design that mounts to the threaded rail - while still utilizing zero rackspaces! Two handy "L" brackets are included to help position equipment. Constructed from 16-gauge steel, includes mounting hardware and finished in a durable black powder coat.

Part #	Useable Shelf Area	Weight Capacity	Fits
SH-5A*	18-1/2"w x 18-9/16"d	250 lbs.	20" depth AXS & Slim 5 racks
SH-5A-26*	18-1/2"w x 24-9/16"d	250 lbs.	26" depth AXS & Slim 5 racks
SH-SRSR**	18-7/16"w x 15-1/2"d	200 lbs.	SRSR racks
SH-WR	18-3/4"w x 22-3/4"d	250 lbs.	WR-xx-32 racks
SH-WR-34	18-3/4"w x 32-3/4"d	250 lbs.	WR-xx-42 racks

**\*SH-5A, SH-5A-26 does not mount in the top or bottom 2 rackspaces, or where rackrail brackets are located.  
\*\*SH-SRSR does not mount in the bottom 5 rackspaces, or where rackrail brackets are located.**

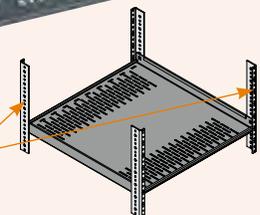
Spec. #  
**96-969**  
for full  
product  
info.



**SH-WR,  
SH-WR-34**

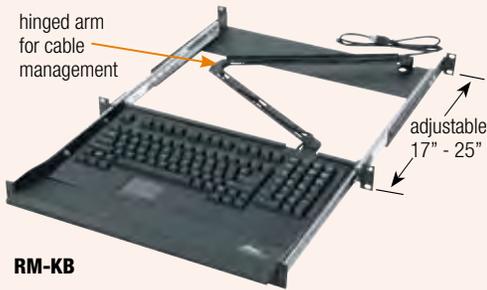
**SH-5A, SH-5A-26,  
SH-SRSR**

attaches to side of  
rackrail behind  
front rail face



# Keyboard Shelves and Work Surfaces

EIA/TIA Compliant



RM-KB

## Rackmount Computer Keyboard w/ Sliding Shelf

Model RM-KB rackmount computer keyboard system occupies 1-3/4" (1 rackspace) and includes a high-quality full 101 key AT style keyboard, with touchpad and padded wrist-rests. Articulating arm provides effective cable management. Comes with USB adapter. Finished in a durable black powder coat.

Part #	Description	Racking Height
RM-KB	rackmount computer keyboard	1-3/4" (1 rackspace)

EIA/TIA Compliant



KB-SS

## Keyboard Sliding Shelf

Accommodates keyboards with a maximum width of 15-15/16" and depth of 9-3/8". Articulating arm provides effective cable management.

Part #	Description	Racking Height
KB-SS	keyboard sliding shelf	1-3/4" (1 rackspace)



FWS

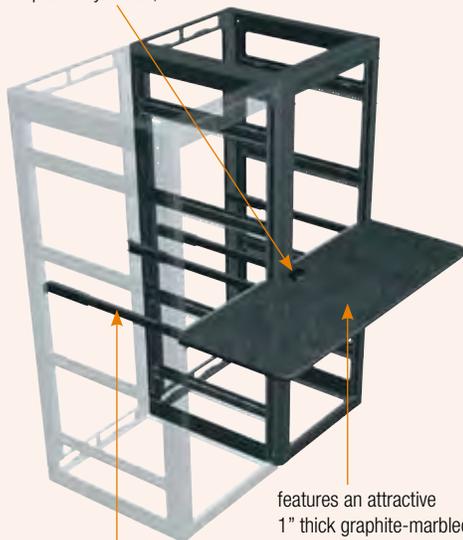
## Single-Bay Writing/Computer Keyboard Shelf

The FWS fixed single bay writing/computer keyboard shelf bolts quickly to any 19" rack to create an ideal workspace. With an attractive, black laminate top made from 3/4" furniture-grade MDF board, it occupies 2 rackspaces below and comes complete with special rail-mounting hardware.

Part #	Depth	Weight Capacity
FWS	18"	100 lbs.

Spec. #  
96-957  
for full  
product  
info.

cable pass-through grommet provides effective cable management for laptops, computer keyboards, etc.



sturdy steel tubes attach to both the front and rear rackrail in each rack bay & extend beneath each work surface to provide support

features an attractive 1" thick graphite-marbled laminate surface with T-mold edging

## Multi-Bay Laminate Work Surfaces

Designed to provide an ergonomic work space, work surfaces are available for select WRK, MRK and VRK Series enclosures. Offered in two, three, and four-bay sizes to span multiple ganged racks, these shelves feature an attractive 1" thick graphite-marbled laminate surface with a durable black T-mold edging. The supplied mounting system consists of sturdy steel tubes that attach to both the front and rear rackrail in each rack bay and extend beneath each work surface, providing support. Additionally, each work surface includes cable pass-through with grommets providing effective cable management for laptops, computer keyboards, etc. Each work surface requires the use of two front and two rear rackspaces. Custom sizes available, please call for details.

18" Shelf Depth Part #	24" Shelf Depth Part #	Span	Fits
WS2-M26-18	WS2-M26-24	2 bay	MRK 26" deep racks
WS3-M26-18	WS3-M26-24	3 bay	MRK 26" deep racks
WS4-M26-18	WS4-M26-24	4 bay	MRK 26" deep racks
WS2-M31-18	WS2-M31-24	2 bay	MRK/VRK 31" deep racks
WS3-M31-18	WS3-M31-24	3 bay	MRK/VRK 31" deep racks
WS4-M31-18	WS4-M31-24	4 bay	MRK/VRK 31" deep racks
WS2-W27-18	WS2-W27-24	2 bay	WRK 27" deep racks
WS3-W27-18	WS3-W27-24	3 bay	WRK 27" deep racks
WS4-W27-18	WS4-W27-24	4 bay	WRK 27" deep racks
WS2-W32-18	WS2-W32-24	2 bay	WRK 32" deep racks
WS3-W32-18	WS3-W32-24	3 bay	WRK 32" deep racks
WS4-W32-18	WS4-W32-24	4 bay	WRK 32" deep racks

NOTE: caster bases are not recommended for use on racks with work surfaces



# Rackmount LCD Keyboard and LCD Rackmount

## Rackmount LCD Keyboard

The Rackmount LCD Keyboard and Touchpad can be installed wherever rackmount control and system monitoring is required and can be used for a wide range of applications including network security and system performance monitoring. The 17" LCD monitor is capable of supporting 1280 x 1024 screen resolution, and is also available with an 8 or 16 port KVM switch. With its space saving, single rackspace design and dual-slide functionality, the rackmount LCD monitor can reside in the open position for system monitoring while the keyboard is in the closed position.

These units feature rear articulating cable carriers for strain relief and a bright active matrix LCD display for ergonomic viewing of monitoring applications. Standard 105 key keyboard with integrated touchpad. 6' connector cable included, and auto detects 120V or 240V power. This unit has a range of front to rear mounting of 18-1/4" to 27-3/4" (overall depth is 24-1/2", this unit will extend through the back of shallower racks). Works internationally with customer supplied cord.

Part #	Screen Size	Resolution	Racking Height	KVM Switch	PS/2/USB Cords Included
RM-KB-LCD17	17"	1280 x 1024	1-3/4" (1 rackspace)	–	–
RM-KB-LCD17X8KVM	17"	1280 x 1024	1-3/4" (1 rackspace)	8 port	4
RM-KB-LCD17X16KVM	17"	1280 x 1024	1-3/4" (1 rackspace)	16 port	8
PS2/USB-4C	PS/2 and USB cables, 4 pieces				



rear view of RM-KB-LCD17X8KVM



includes PS/2 and USB cables

Now available with KVM Switch!

Spec. # 96-01025 for full product info.



RM-KB-LCD17



shown in closed position



screen opens with keyboard retracted for monitoring

## LCD Rackmount

Your choice of five mounting styles

- Generous front to back adjustment
- Versatile rackmounting of LCD screen from 15" to 19", including some 20" monitors
- Includes both VESA 75 and VESA 100 mounting patterns
- RM-LCD-MT can mount larger monitors, up to 32" depending on weight
- Two styles:
  - Enclosed backpan – fixed, pivot/tilt, articulating
  - Open panel – fixed, pivot/tilt, best choice for 16:9 monitors

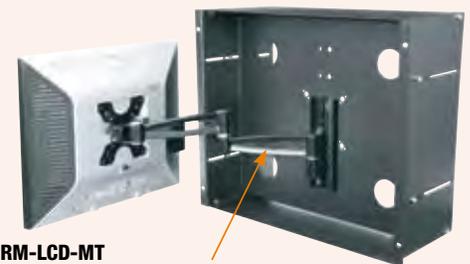
Part #	Racking Height	Description	Weight Capacity
RM-LCD-MV	15-3/4" (9 rackspace)	LCD rackmount, backpan style, VESA mount	35 lbs.
RM-LCD-MK	15-3/4" (9 rackspace)	LCD rackmount, backpan style, tilt mechanism	35 lbs.
RM-LCD-MT	15-3/4" (9 rackspace)	LCD rackmount, articulation	35 lbs.
RM-LCD-PNLV	5-1/4" (3 rackspace)	LCD rackmount, open panel style, VESA mount	27 lbs.
RM-LCD-PNLK	5-1/4" (3 rackspace)	LCD rackmount, open panel style, tilt mechanism	27 lbs.



RM-LCD-PNLV  
fixed open panel style



RM-LCD-PNLK  
tilt open panel style



RM-LCD-MT  
articulating enclosed backpan style  
(monitor not included)

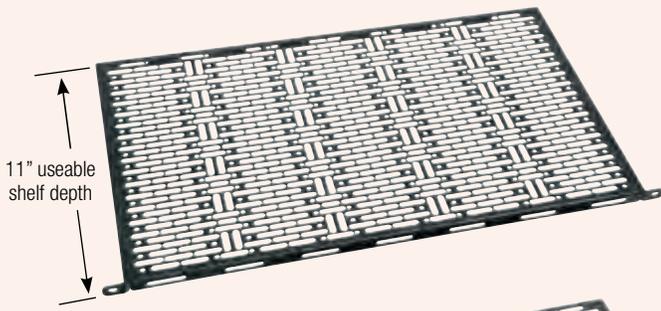
Spec. # 96-01120 for full product info.



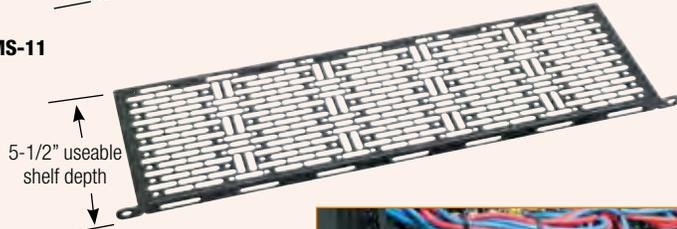
RM-LCD-MV  
fixed enclosed backpan style



RM-LCD-MK  
tilt enclosed backpan style



**MS-11**



**MS-5.5**



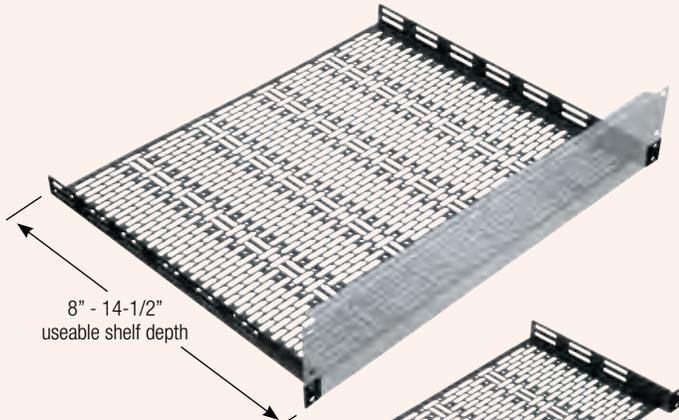
shelf shown in application

## MS Series Shelves

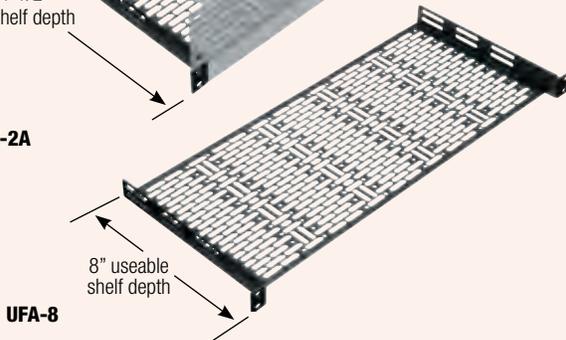
This innovative new shelf was designed to mount small items conveniently in the front or rear of a rack while providing abundant cable management and device tie down points. Pattern of holes and slots accommodates nearly any mounting hole pattern, and can also be used for wire tie or other fastening approaches. Surprisingly strong for their size, these shelves will solve many of your small item mounting challenges in any standard rack.

NOTE: Must be installed using standard 10-32 or 5mm rack screws into threaded rackrail.

Part #	Useable Shelf Area	Pre-Pack Qty	Weight Capacity
MS-11	1/2"h x 17-1/2"w x 11"d	1	15 lbs.
MS-11-4	1/2"h x 17-1/2"w x 11"d	4	15 lbs.
MS-5.5	1/2"h x 17-1/2"w x 5-1/2"d	1	30 lbs.
MS-5.5-4	1/2"h x 17-1/2"w x 5-1/2"d	4	30 lbs.



**UFA-14.5**  
shown with **UFAF-2A**



## UFA Shelves and UFAF Face Panels

"Universal Face-After" shelves designed to mount small items conveniently in the front or rear of a rack while providing outstanding cable management and small device tie down points.

These shelves feature the unique ability to mount a faceplate after the shelf is installed and populated, providing an attractive and secure covering.

Shelf Part #	Racking Height	Useable Shelf Area	Pre-Pack Qty	Weight Capacity	Included Panel
UFA-8	1-3/4" (1 space)	17-1/4"w x 8"d	1	35 lbs.	-
UFA-8-4	1-3/4" (1 space)	17-1/4"w x 8"d	4	35 lbs.	-
UFA-14.5	1-3/4" (1 space)	17-1/4"w x 14-1/2"d	1	25 lbs.	-
UFA-14.5-4	1-3/4" (1 space)	17-1/4"w x 14-1/2"d	4	25 lbs.	-
UFA-8-F1	1-3/4" (1 space)	17-1/4"w x 8"d	1	35 lbs.	1 space
UFA-8-F2	3-1/2" (2 space)	17-1/4"w x 8"d	1	35 lbs.	2 space

Panel Part #*	Racking Height	Finish
UFAF-1	1-3/4" (1 space)	black powder coat
UFAF-1A	1-3/4" (1 space)	black brushed and anodized
UFAF-2	3-1/2" (2 space)	black powder coat
UFAF-2A	3-1/2" (2 space)	black brushed and anodized
UFAF-3	5-1/4" (3 space)	black powder coat
UFAF-3A	5-1/4" (3 space)	black brushed and anodized
UFAF-4	7" (4 space)	black powder coat
UFAF-4A	7" (4 space)	black brushed and anodized

\*Panels can be used with any UFA Shelf model



without panel



with panel



## 1/2 and 1/3 Space Blank Panel

Now you have a solution for non-full space items. These panels complete the finished, professional appearance while also ensuring correct thermal management performance by blocking unwanted air entry. Comes in your choice of steel or aluminum.

Steel, Flat Black Part #	Aluminum, Black Brushed and Anodized Part #	Racking Height
EB1/2	BL1/2	0.875" (1/2 space)
EB1/3	BL1/3	0.583" (1/3 space)



**BL1/2**

**EB1/3**

## Handle Panels

These panels provide a firm, safe grip for pull-out rack systems, while still allowing the use of trim strips if desired. The "one rackspace" design takes up minimal space in the installation, & protrudes 1-3/16". Comes in two finishes to best match the rack aesthetics.

Part #	Racking Height	Finish
EB1-H	1-3/4" (1 space)	flat black powder coat
BL1-H	1-3/4" (1 space)	black brushed and anodized



**EB1-H**

## Blank Panel with Rack I.D. Strip

Aluminum 1 space panels accept paper labels up to 1-1/2" tall by 17-1/2" wide.

Part #	Racking Height
PBL1-ID	1-3/4" (1 space)



**PBL1-ID**

## Hinged Accessory Mounting Panel

Here's a great new solution for mounting small items conveniently in a rack. Aluminum panel is easily drilled for mounting punch-blocks, terminal strips, power supplies and similar items. Hinged design provides easy access for maintenance and changes.

Part #	Racking Height
APM-2	3-1/2" (2 space)
APM-3	5-1/4" (3 space)
APM-4	7" (4 space)

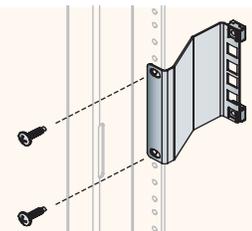


**APM-3**

## Rackrail Recessor

Allows room for cable bundles and handles. Enables installer to recess equipment 3 inches behind rackrail.

Part #	Description
RR2-3RCN	2 space/ 3" deep, rackrail recessor



**RR2-3RCN**

## Rack Sack™ Equipment Protection Cover

This heavy-duty cover will protect your installation while in progress, keeping it safe from dust and casual contact. Sturdy zippers on the corners make it easy to install and remove.

Part #	Dimensions
RS-6036	60"h x 25"w x 36"d
RS-8436	84"h x 25"w x 36"d



**RS-6036**

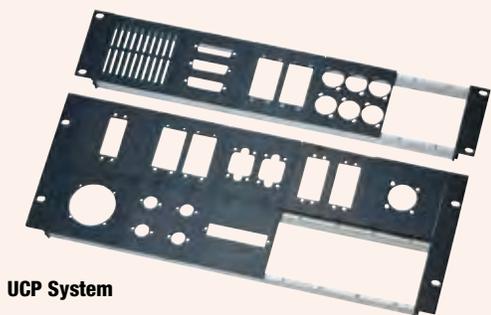
Custom logos available. Please call for details.





# UCP Series Modular Custom Panel System

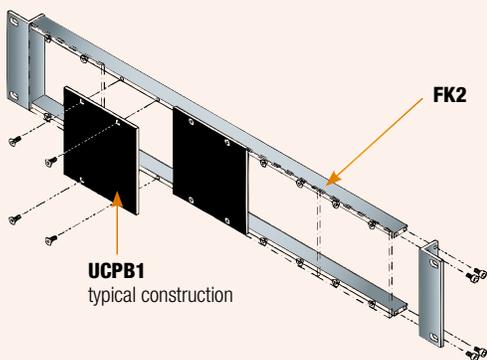
## Build Your Own Custom Connector Panel Using Off-The-Shelf Components!



UCP System

Design and build your own custom connector panels using off-the-shelf materials! Our UCP Series modular custom panel system assembles quickly and easily using either a 2 or 4 space frame kit and your selections from an extensive collection of prepunched modules. UCP modular assemblies simply bolt together using supplied hardware. A single tier of five modules bolts across a 2 space frame kit, two tiers of five modules bolt across a 4 space frame kit.

Modules are prepunched to accept XLR, Neutrik, Elco, Canare and a host of other connector configurations (see accompanying diagrams). The inherent strength of the interlocking system eliminates panel deflection while inserting or removing connectors. When completed, all hardware is flush to create a professional appearance with no unsightly gaps. Visible parts have a black brushed and anodized finish. All modules are constructed of aluminum. Blank and vented panels are also available to fill unused spots.



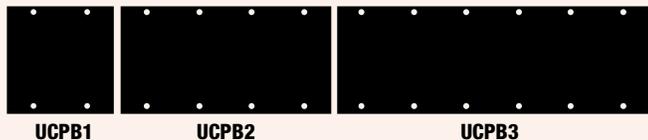
UCPB1 typical construction

### Frame Kits

Bolt modules to them in any combination.

Part #	Racking Height
FK2	3-1/2" (2 rackspace)
FK4	7" (4 rackspace)

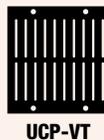
### Blank Module



Available for filling unused spots or drill your own connector mounting pattern.

Part #	Width	Part #	Width	Part #	Width
UCPB1	single	UCPB2	double	UCPB3	triple

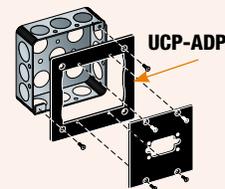
### UCP Vent



Fills unused spaces while providing ventilation.

Part #
UCP-VT

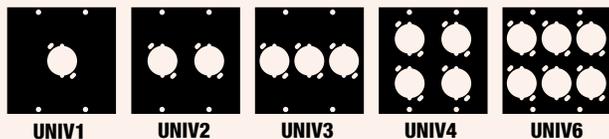
### UCP Electric Box Adapter



Adapts any single UCP module to a standard 1900 electrical box.

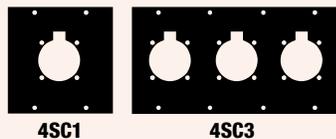
Part #
UCP-ADP

### Universal XLR Female Punchouts



Fits Neutrik FP, MP, MDL, FDL, small Speakon, Switchcraft female XLRs, Cannon, Whirlwind (male XLRs fit as well, but leave a small gap on sides).

### Circular Flange



4 Bolt Punchouts: Fits Cannon AP and EP, Neutrik, NL8MPR, NL4MPR ("Speakon").

### XLR Style Male Punchouts



Fits Neutrik MP, LNEMP, Switchcraft, Cannon.

### Banana Jack Punchouts



Fits dual banana jack receptacles requiring up to 3/8" hole



Fits the universal dual banana jack receptacle requiring a 1/2" hole.

### Combo Female/Male XLR Punchouts



Fits mixed genders within a module.





## UCP Fan

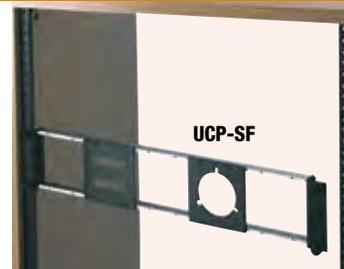
Extend equipment life by removing heat from within an enclosure. Operates on 12VDC using integral 12" long pigtail leads, includes power supply.



Part #	Free Air dB Rating	Free Air CFM
UCP-FAN	25 dBA	15

## UCP FK2 Swinging Frame

This hinged version of the FK2 frame kit allows rear access to modules. Captive 10-32 threaded thumbscrews hold the frame closed and require no tools to open. Kit includes a pair of threaded FK bars, hinged ear, captive thumbscrew ear, and all module mounting hardware. Occupies 2 rackspaces (3-1/2").



Part #
UCP-SF

## UCP Chassis

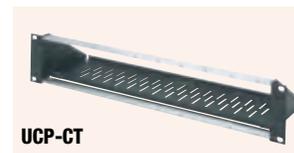
The 2 space UCP chassis holds five modules in the front, and five modules in the rear. Shipped fully-assembled, each unit is comprised of four threaded FK bars, a pair of ears 9" deep, top and bottom, and all necessary module mounting hardware. The top & bottom can be easily removed, leaving the frame intact.



Part #
UCP-CH

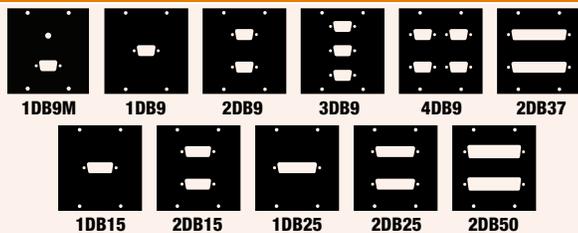
## UCP Cable Tray

The UCP cable tray includes FK2 bars, mounting ears and bottom. 5" deep tray provides superior cable strain relief with a multitude of wire-tie slots. Occupies 2 rackspaces (3-1/2").



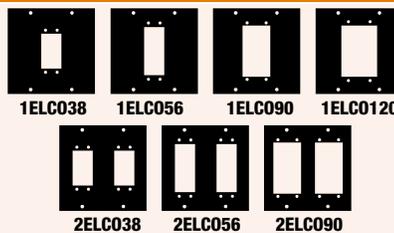
Part #
UCP-CT

### "DB" Style Punchouts



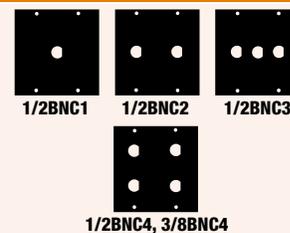
Fits the popular data multipin. 1DB9M fits HD15(SVGA) and additional 1/8" mini phone jack for easy laptop connection.

### Multipin Elco/Edac Punchouts



Fits 38, 56, 90 and 120 pin Elco/Edac connectors.

### BNC Punchouts



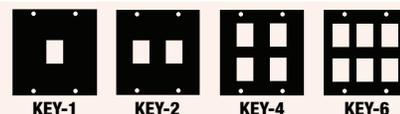
Fits 1/2" and 3/8" diameter BNC shells, most insulated shells and fuses.

### 1/4", 3/8", 7/16" Punchouts



1/4" - fits RCA jacks, some switches and LEDs. 3/8" - fits attenuators, "F" connectors, phone jacks, some switches. Fits 3/8" insulated RCA connectors for component video & audio. 7/16" - fits Switchcraft #11, insulated phone jack, some switches.

### Keystone Punchouts



Accommodates a variety of connectors including RCA, RJ 11/12/45, F, BNC feed through, Banana, ST Fiber, etc. (keystone insert bezel not required for connector installation)

### RPS Series



Remote power switch (see pg. 115 for info.)

### BNC Recessed Canare Panel Punchouts



Fits regular and feed-through types.

### Multipin "G" Series Punchouts



Fits "G" Series connectors by AMP.

### Twistlock Punchouts



Fits most brands with oval mounting hole pattern (Hubbel Bryant, etc.) Use Part #TW2B for 2 bolt twistlocks and other 2 bolt devices. Use Part #TW3B for 3 bolt twistlocks.

### Multipin Whirlwind Punchouts



Fits 39 and 61 pin.

### Duplex Receptacle Punchouts



Removal of receptacle ears is necessary to fit between UCP bars.

### Socapex 19 Pin



19 pin.

### DL Series Multipins, by Cannon



DL Series multipin.

### 1/2" Diameter "D" Punchouts

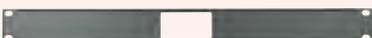


Fits 1/2" insulated BNC connectors for RGBHV.





# UCP Panels, Rackmount Chassis and Access Panels



**DECIP-1X1**



**DECIP-1X2**



**DECIP-1X3**



**DECIP-1X4**



16 laser-cut knockouts

**UNI-1**

**UNI-1-C**

incorporates a 2-5/8" shelf with tie-points for cable strain relief

 EIA/TIA Compliant

Spec. # 96-004 for full product info.



**CH2**



**EC-2**



**AP-4**



**APV-4**

## Panels for Decora® Devices

One space panels mount any low-voltage Decora device directly onto the rackrail of a standard 19" enclosure. Panels accommodate as many as four devices including the RPS Series remote power switch, LT-DEC light and the TEMP-DEC temperature display. Pre-configured panels are available with pre-installed Decora mount products for simplified ordering, see pg. 114 for more details. Constructed from one-piece flanged steel (with an open area of 1.62" between flanges), black powder coat finish.

Part #	Description
DECIP-1X1	1-3/4" (1 space) mounts up to 1 Decora devices
DECIP-1X2	1-3/4" (1 space) mounts up to 2 Decora devices
DECIP-1X3	1-3/4" (1 space) mounts up to 3 Decora devices
DECIP-1X4	1-3/4" (1 space) mounts up to 4 Decora devices

Part #	Description
LT2P	pre-configured with 2 LT-DEC lights
LT2P-T1P	pre-configured w/ 2 LT-DEC lights, 1 TEMP-DEC temperature display
T1P	pre-configured w/ 1 TEMP-DEC temperature display

## Universal Connector Panel

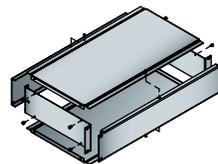
The UNI Series laser-cut connector panels feature knockouts designed to accept a number of connectors, including XLR and Neutrik. The innovative design allows mounting of both male and female connectors to the same holes simply by knocking out the correct pattern. The UNI-1-C incorporates a 2-5/8" strain relief shelf with tie-points for cable management. Made from one-piece flanged steel, black powder coat finish.

Part #	Laser-Cut Knockouts	Racking Height
UNI-1	16	1-3/4" (1 rackspace)
UNI-2	32	3-1/2" (2 rackspace)
UNI-1-C	16	1-3/4" (1 space) - includes cable management

## CH Chassis

With its aesthetically-balanced, screwless flush-mounted faceplate, our CH Chassis features a 16-gauge all-steel body finished in a black powder coat. Front and rear panels are made from aluminum for easy machining. The front faceplate additionally features a black brushed and anodized finish, while the rear faceplate is finished in a black powder coat.

Part #	Racking Height	Depth
CH1	1-3/4" (1 rackspace)	10"
CH2	3-1/2" (2 rackspace)	10"
CH3	5-1/4" (3 rackspace)	10"

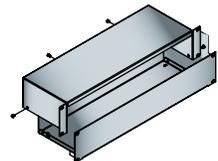


front and rear aluminum panels detach for simplified machining

## Econo Chassis

Providing a high quality rack chassis at an affordable price, the EC Series features a quick-to-disassemble two piece design incorporating a 16-gauge steel face, back and bottom, and 20-gauge steel top and sides. Black powder coat finish.

Part #	Racking Height	Depth
EC-1	1-3/4" (1 rackspace)	6"
EC-2	3-1/2" (2 rackspace)	6"
EC-3	5-1/4" (3 rackspace)	6"



two piece design for easy assembly

## Access Panels

Available in 2, 4, and 6 space models, these hinged access panels provide quick passage to rack interiors. Solid and vented panels available. Fabricated from easily machinable 13-gauge black powder coated aluminum, these access panels are perfect for those situations where access to the rear of connector panels is required. Captive 10-32 threaded thumbscrews require no tools to open and will not get lost.

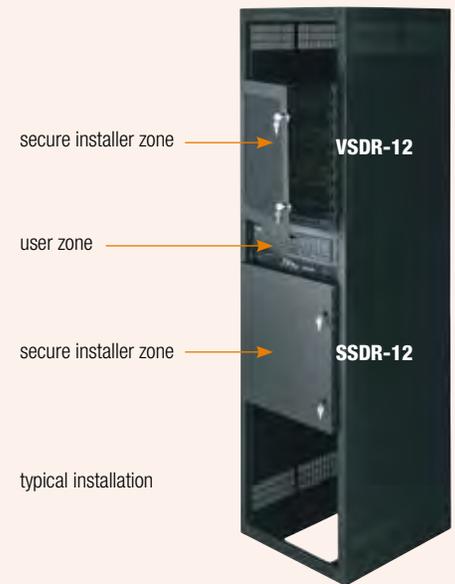
Solid Part #	Vented Part #	Univ Mounting Part #	Racking Height
AP-2	APV-2	APM-2	3-1/2" (2 rackspace)
AP-4	APV-4	APM-4	7" (4 rackspace)
AP-6	APV-6	APM-6	10-1/2" (6 rackspace)



## Hinged Security Doors

Keylocked security doors allow front access to a select portion of rackmount equipment and are available in plexiglass, vented, and solid styles. Mount equipment which needs to be secured behind these doors in the "installer zone" to keep unauthorized users from tampering. Keep equipment which needs to be client-accessed in the open portion of the rack in the "user zone."

Solid Part # Knob Clearance 1-3/8"	Plexi Part # Knob Clearance 1-1/8"	Vented Part # Knob Clearance 1-3/8"	Racking Height
SSDR-8	PSDR-8	VSDR-8	14" (8 rackspace)
SSDR-12	PSDR-12	VSDR-12	21" (12 rackspace)
SSDR-15	-	-	26-1/4" (15 rackspace)
SSDR-16	PSDR-16	VSDR-16	28" (16 rackspace)
SSDR-20	PSDR-20	VSDR-20	35" (20 rackspace)
SSDR-21	-	-	36-3/4" (21 rackspace)



## Hinged Plexiglass Security Covers

Incorporating a steel frame and a keylocked 3/16" smoked-gray plexiglass door, our SECL Series locking security covers are offered in 2, 3, 4, and 8 rackspace sizes. Each unit's depth of 1-1/2" easily clears controls on most equipment.

Part #	Racking Height	Part #	Racking Height
SECL-2	3-1/2" (2 rackspace)	SECL-4	7" (4 rackspace)
SECL-3	5-1/4" (3 rackspace)	SECL-8	14" (8 rackspace)



SECL-4

## Fixed Plexiglass Security Covers

SL Series security covers feature a permanent plexiglass window for easy equipment viewing. Secure and cost-effective - available in 1, 2, and 3 space sizes, 1" deep.

Part #	Racking Height
SL-1	1-3/4" (1 rackspace)
SL-2	3-1/2" (2 rackspace)
SL-3	5-1/4" (3 rackspace)



**HOT TIP!** See pg. 169 for high security Guardian Series™ screws!



SL-2

## Fixed Perforated Security Covers

Eliminate the prospect of tampering with these tough security covers. Offered in regular or fine perforation styles (models S and SF respectively), each cover is 1" deep. Includes installed rubber edging that won't mar the equipment you're trying to protect. To enhance the level of security, use the patented Guardian Series™ security bit and HSK rack screws, see pg. 169.

Type	Part #	Description
Allows unobstructed view of knob settings, 64% open area	S1	1-3/4" (1 rackspace) regular perf. pattern
	S2	3-1/2" (2 rackspace) regular perf. pattern
	S3	5-1/4" (3 rackspace) regular perf. pattern
	S4	7" (4 rackspace) regular perf. pattern
Allows sight of LEDs, most secure, 25% open area	SF1	1-3/4" (1 rackspace) fine perf. pattern
	SF2	3-1/2" (2 rackspace) fine perf. pattern
	SF3	5-1/4" (3 rackspace) fine perf. pattern
	SF4	7" (4 rackspace) fine perf. pattern



S2  
regular perf. pattern



SF2  
fine perf. pattern



## VTB Light Blocking Vent Panels



VTB-1

VTB Series light blocking vent panels provide a high percentage of open area (64%) and pre-installed light blocking material to provide superior ventilation while blocking view of internal wiring.

- Sturdy steel construction
- Flanged Panel
- 64% open area
- Flat black powder

Part #	Racking Height
VTB-1	1-3/4" (1 rackspace)
VTB-2	3-1/2" (2 rackspace)
VTB-3	5-1/4" (3 rackspace)

**Contractor Packs** provide a cost-effective, space-efficient way for installers to stock the panels they use most frequently. Allows easy access to individual, poly-bagged panels. Designed to stack on warehouse shelving.



Spec. # 96-050-1 for full product info.

## VT/VTF Series Perforated Vent Panels



VTF2

VT Series open perforated panels provide the highest open area of all our vent panels to allow superior ventilation. VTF Series fine perforated series panels limits viewing for aesthetics.

### VT Series

- Sturdy steel construction
- Flanged Panel
- 64% open area
- Flat black powder coat

### VTF Series

- Sturdy steel construction
- Flanged Panel
- 25% open area
- Flat black powder coat

64% Open Area Perf Part #	25% Open Area Perf Part #	Racking Height
VT1	VTF1	1-3/4" (1 rackspace)
VT2	VTF2	3-1/2" (2 rackspace)
VT3	VTF3	5-1/4" (3 rackspace)
VT4	VTF4	7" (4 rackspace)

### Contractor Packs

64% Open Area Perf Part #	25% Open Area Perf Part #	Qty
VT1-CP12	VTF1-CP12	12
VT2-CP12	VTF2-CP12	12
VT3-CP6	VTF3-CP6	6
VT4-CP6	VTF4-CP6	6



Spec. # 96-050-1 for full product info.

## EVT/EVTA Series Vent Panels



EVT2

EVT Series vent panels provide an economical solution with a vertical slotted design. The EVTA series has a black and brushed anodized finish.

### EVT Series

- Sturdy steel construction
- Flanged Panel
- 17% open area
- Flat black powder coat

### EVTA Series

- Aluminum construction
- Flanged Panel
- 17% open area
- Black anodized finish

Flat Black Part #	Anodized Black Part #	Racking Height
EVT1	EVTA-1	1-3/4" (1 rackspace)
EVT2	EVTA-2	3-1/2" (2 rackspace)



### Contractor Packs

Flat Black Part #	Qty
EVTA-1-CP12	12
EVTA-2-CP12	12



Spec. # 96-050-1 for full product info.

## VTP Series Vent Panels



VTP-2

VTP series vent panels feature a horizontal vent design and have a black brushed and anodized finish to complement RSH Series rackselves and other anodized accessories.

- Aluminum construction
- Flanged Panel
- 20% open area
- Black brushed anodized

Part #	Racking Height
VTP-1	1-3/4" (1 rackspace)
VTP-2	3-1/2" (2 rackspace)
VTP-3	5-1/4" (3 rackspace)



# Blank Panels

## EB/FEB Series Blank Panels

Economical steel panels finished in a durable flat black powder coat finish

### EB Series

- Sturdy steel construction
- Flanged Panel

### FEB Series

- Sturdy steel construction
- Flat Panel

Flanged Part #	Flat Part #	Racking Height
EB1	FEB1	1-3/4" (1 rackspace)
EB2	FEB2	3-1/2" (2 rackspace)
EB3	FEB3	5-1/4" (3 rackspace)
EB4	FEB4	7" (4 rackspace)
EB5	FEB5	8-3/4" (5 rackspace)
EB6	FEB6	10-1/2" (6 rackspace)



### Contractor Packs

Flanged Part #	Flat Part #	Qty
EB1-CP12	FEB1-CP12	12
EB2-CP12	FEB2-CP12	12
EB3-CP6	FEB3-CP6	6
EB4-CP6	FEB4-CP6	6

1/2 and 1/3 Space Panels available, see pg. 161



EIA/TIA Compliant

Spec. # 96-001-1 for full product info.

A&E



EB2



FEB1

## PBL/PHBL Series Blank Panels

Lightweight aluminum panels finished in a durable flat black powder coat ideal for machining.

### PBL Series

- Aluminum construction
- Flanged Panel

### PHBL Series

- Aluminum construction
- Flat Panel

Flanged Part #	Flat Part #	Racking Height
PBL-1	PHBL-1	1-3/4" (1 rackspace)
PBL-2	PHBL-2	3-1/2" (2 rackspace)
PBL-3	PHBL-3	5-1/4" (3 rackspace)
PBL-4	PHBL-4	7" (4 rackspace)



### Contractor Packs

Flanged Part #	Flat Part #	Qty
PBL1-CP12	PHBL1-CP12	12
PBL2-CP12	PHBL2-CP12	12
PBL3-CP6	PHBL3-CP6	6
PBL4-CP6	PHBL4-CP6	6



EIA/TIA Compliant

Spec. # 96-001-1 for full product info.

A&E



PBL-2



PHBL-2

## SB Series Blank Panels

Aesthetic and durable textured black powder coat finish steel blank panels. Complements RSH4S custom rackshelves and other textured accessories.

- Sturdy steel construction
- Flanged Panel

Part #	Racking Height	Part #	Racking Height
SB1	1-3/4" (1 rackspace)	SB4	7" (4 rackspace)
SB2	3-1/2" (2 rackspace)	SB5	8-3/4" (5 rackspace)
SB3	5-1/4" (3 rackspace)	SB6	10-1/2" (6 rackspace)



### Contractor Packs

Flanged Part #	Qty
SB1-CP12	12
SB2-CP12	12
SB3-CP6	6
SB4-CP6	6



EIA/TIA Compliant

Spec. # 96-001-1 for full product info.

A&E



SB2

## BL/HBL Series Blank Panels

The most aesthetic blank panels available with a black brushed and anodized finish. Complements RSH4A custom rackshelves and other anodized accessories.

### BL Series

- Aluminum construction
- Flanged Panel

### HBL Series

- Aluminum construction
- Flat Panel

Flanged Part #	Flat Part #	Racking Height	Flanged Part #	Flat Part #	Racking Height
BL1	HBL1	1-3/4" (1 rackspace)	BL4	HBL4	7" (4 rackspace)
BL2	HBL2	3-1/2" (2 rackspace)	-	HBL5	8-3/4" (5 rackspace)
BL3	HBL3	5-1/4" (3 rackspace)	-	HBL6	10-1/2" (6 rackspace)



EIA/TIA Compliant

Spec. # 96-001-1 for full product info.

A&E

1/2 and 1/3 Space Panels available, see pg. 161



BL2



HBL2





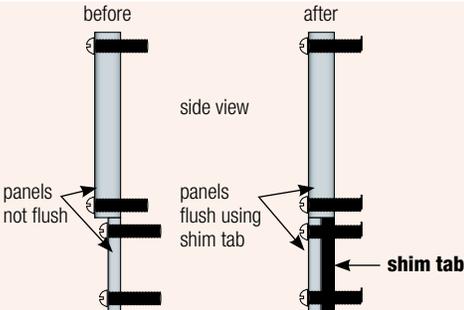
**PNL-CLN**

**PLX-CLN**

## Micro Fiber Cleaning Cloths

Reusable micro fiber cleaning cloths are non-abrasive and lint free to keep anodized and other finishes on panels, drawers, RSH Series custom rackshelves and plexiglass doors clean. Plexiglass version includes 2 oz. bottle of cleaner.

Part #	For Use On	Part #	For Use On
PNL-CLN	panels, drawers, RSH Series	PLX-CLN	plexi doors, includes cleaner



## Shim Tabs

All faceplates can be flush with these handy shim tabs. 1/16" thick, they can be stacked to achieve desired thickness. Attaches with self adhesive.

Part #	Fits	Qty
ST1MP	1 rackspace	100 pc.
ST3MP	3 rackspace	100 pc.



**SONEARS**

**SONEARS2**

## Ears for Sony® TV Tuners

With these ears, you can install Sony TV tuner products in any 19" rack. Attach the ears with the supplied metric hardware, no unit modification required.

Part #	Fits	Finish
SONEARS	ST-72TV, ST-02TV, VPR-722	black brushed & anodized
SONEARS2	TU-1041U	black powder coat

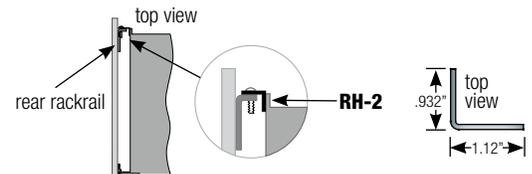


**RH-2**

## Rear Hanging Brackets

These rear hanging brackets fit any amplifier with rear ears and attach to rear rackrail to provide additional equipment support and feature unequal length mounting legs for versatility. Sold in pairs.

Part #	Racking Height
RH-2	3-1/2" (2 space)
RH-3	5-1/4" (3 space)
RH-4	7" (4 space)
RSE1-875671	1 space HD rear support ears
RSE1-472502	1 space rear support ears



**RRF8**

**RRF12**



EIA/TIA Compliant

Spec. #  
**96-01083**  
for full  
product  
info.

## RRF Rackrail

Measuring 1/8" thick, the all-steel RRF rackrail is threaded for 10-32 screws and is finished in a durable black e-coat finish. With EIA standard spacing, they are sold in pairs and designed for use with 19-1/8" wide rough openings. Durable black e-coat finish.

Part #	Racking Height	Part #	Racking Height	Part #	Racking Height
RRF2	3-1/2" (2 space)	RRF10	17-1/2" (10 space)	RRF18	31-1/2" (18 space)
RRF4	7" (4 space)	RRF12	21" (12 space)	RRF21	36-3/4" (21 space)
RRF6	10-1/2" (6 space)	RRF14	24-1/2" (14 space)	RRF27	47-1/4" (27 space)
RRF8	14" (8 space)	RRF16	28" (16 space)	RRF45	78-3/4" (45 space)



**RULER**

**Ruler Labeling**

## Rack Ruler

No time for rackspace math? Use the Rack Ruler instead. It's a genuinely handy tape measure incremented in both rackspaces (red) and inches (black) down to 1/32" scale. Measuring 1/2" wide by 96" (8 feet) long, its Mylar-coated retracting steel tape is housed in a tough ABS case with a thumb lock and belt clip. This is a rugged tool, not a toy – precision made by Starrett®.

Part #	Labeling On Back
RULER	audio tables, charts, and pinouts
DARULER	data tables, charts, and contact wiring

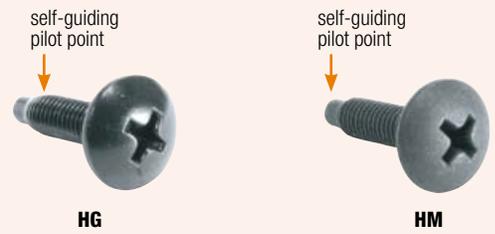


# Rack Screws

## Premium Rack Screws

Premium rack screws provide the best bit engagement in the industry. HG hardware features salt spray resistant plating that slows rust build-up. HM hardware features an attractive black matte finish. Both types are truss-head hardware, 10-32 threaded, 3/4" long with pre-installed washers and self-guiding pilot points.

Part #	Qty	Finish	Part #	Qty	Finish
HG	100 pc.	salt spray resistant, black gloss	HM	100 pc.	black matte
HG500	500 pc. in reusable jar	salt spray resistant, black gloss	HM500	500 pc. in reusable jar	black matte



## Standard Rack Screws

Standard 3/4" long rack screws with 10-32 threads feature self-guiding pilot points. HP Series truss head screws provide a clean, modern appearance and fit under optional trim strips, (see pg. 147) for the most attractive finish. HW Series trim-head screws feature a classic appearance. Includes factory-installed nylon washer.

Part #	Head	Qty	Part #	Head	Qty
HP500	truss-head	500 pc. in reusable jar	HW500	trim-head	500 pc. in reusable jar
HP	truss-head	100 pc.	HW100	trim-head	100 pc.
HPS	truss-head	25 pc.			



## Security Rack Screws

Security screws are the ideal way to keep people from tampering with rackmounted equipment. The patented high security Guardian Series™ hardware is unique to Middle Atlantic and features a square post drive that cannot be found elsewhere. All screws are 10-32 by 3/4" and include factory-installed black nylon washer and black finish.

Rack Screw Part #	Qty	Bit Part #	Description
HSK	100 pc.	SPBIT	Highest Security patented square post drive
HTX	50 pc.	TBIT	star post
HS	100 pc.	SBIT	square drive

US Patent #D517,404,D546,157



## Cable Friendly Short Rack Screws

Cable friendly HPQ Series screws are 3/8" long with 10-32 threads and feature a rounded end to allow wires to be dressed inside front rackrail without chafing. Featuring an attractive Phillips truss head, finished in black. Ideal for mounting vent panels and cable management bars.

Part #	Qty
HPQ-500	500 pc. in reusable jar
HPQ	100 pc.



## Cage Nut Hardware

Cage nuts fit our cage-nut style rackrail and are available for use with 10-32 and 6mm rack screws to accommodate slide out servers.

Part #	Description
CN1032-50	50 pc. 10-32 cage nuts
CN6MM-100	100 pc. 6mm cage nuts



## 12-24 and 6MM Rack Screws

Primarily used in telecommunications and data, these 3/4" long 12-24 and 6mm threaded screws are heat-treated to prevent head stripping. Finished in black, includes nylon washers.

Part #	Qty	Part #	Qty
HP-24	100 pc. 12-24 thread	HP-6MM	100 pc. 6mm Phillips head rack screws
HP24-500	500 pc. 12-24 thread in reusable jar		



## Shoulder Washers

When used in conjunction with the pre-installed washers supplied on our screws, these black nylon shoulder washers will electrically isolate the equipment from the rackrails to help prevent ground loops. 100 piece count. NOTE: not for use with HPQ, HP-6MM and HP-24 screws

Part #	Qty
SW	100 pc.



## Design Platforms

### RackTools® Specification Software



Free layout and specification package for all Rack products. Creates elevation, side, rear and plan view drawings, and also creates Quotes and Purchase Orders. Exports to AutoCAD® and Microsoft Visio®.

**Free download from [racktools.com](http://racktools.com)**

### Middle Atlantic Designer™



Full color, 3D console, LD desk, video wall and room layout software package. Includes a line of sight tool. Creates Quotes, Specifications, and also exports to AutoCAD®.

**Free download from [middleatlantic.com](http://middleatlantic.com), in the 'Tools' menu.**

### Stencil Blocks for Visio®



Ready to use stencils for Microsoft Visio®. Visio Blocks have been enhanced with an on-line, updateable database of our complete custom rackshelf offering.

**Free download from [middleatlantic.com](http://middleatlantic.com), on the Resources>>Tech Docs page.**

## Drawings and Specifications

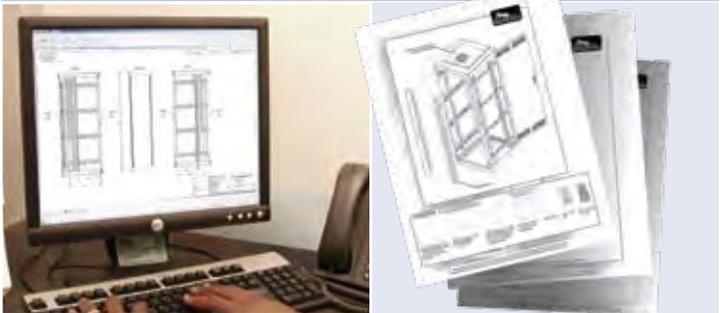
### Revit®/BIM (Building Information Modeling)



Revit® family models available for enclosures and consoles.

**Available at [middleatlantic.com](http://middleatlantic.com), on the Resources>>Tech Docs page.**

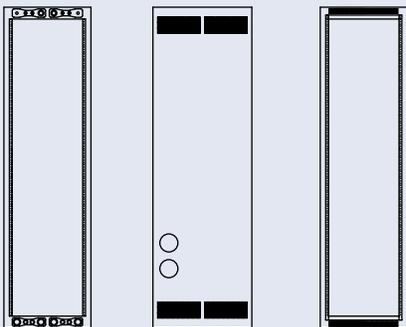
### A&E Specification Sheets/CSI MasterFormat 3 Part Specifications/CAD Tech Spec Drawings



Available for most products.

**Available at [middleatlantic.com](http://middleatlantic.com), on the Resources>>Tech Docs page.**

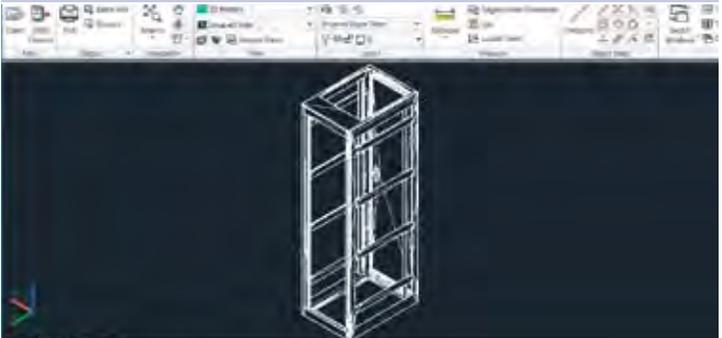
### CAD Blocks



Comprehensive library of 2D CAD blocks available for all enclosures.

**Available at [middleatlantic.com](http://middleatlantic.com), on the Resources>>Tech Docs page.**

### 3D CAD

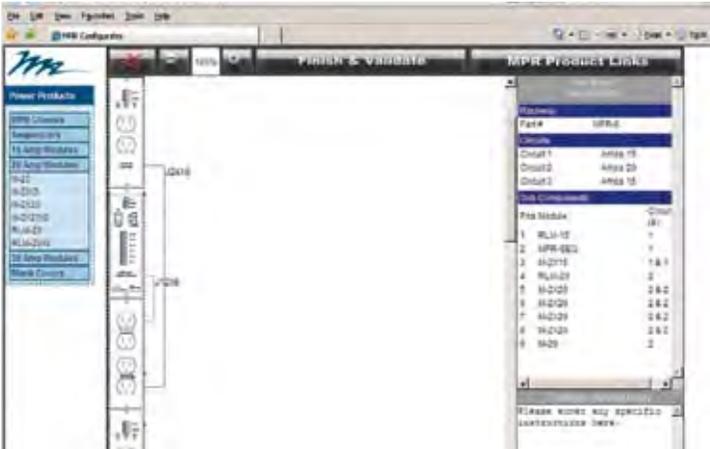


Comprehensive library of 3D CAD models available of enclosures & consoles.

**Available at [middleatlantic.com](http://middleatlantic.com), on the Resources>>Tech Docs page.**

## Online Configurators

### MPR Modular Power Raceway



Design an MPR Modular Power Raceway quickly and easily. Creates a diagram, quote and parts list.

Available at [middleatlantic.com](http://middleatlantic.com), in the 'Tools' menu.

### PDW Custom Power



Quickly and easily design a PDW Series custom power raceway, including circuit marking and custom logos.

Available at [middleatlantic.com](http://middleatlantic.com), in the 'Tools' menu.

### Thermal Calculator



Answer a few simple questions to determine the cooling needed to keep the system running at the optimal temperature.

Available at [middleatlantic.com](http://middleatlantic.com), in the 'Tools' menu.  
Now available for iPhone - see "MAP Toolbox" at iTunes.

### RackFinder



Not sure which rack is needed? This quick online tool helps determine the best solution.

Available at [middleatlantic.com](http://middleatlantic.com), on the main home page.

### Spec Clips



Save time by letting Spec Clips do the work - simply copy and paste the results into the specification.

Available at [middleatlantic.com](http://middleatlantic.com), in the 'Resources' menu.

### UPS Runtime Calculator



This calculator is the quick and easy way to determine the appropriate backup power required.

Available at [middleatlantic.com](http://middleatlantic.com), in the 'Tools' menu.  
Now available for iPhone - see "MAP Toolbox" at iTunes.

## Resources

### Tech Support Hotline



Available via phone **800-266-7225** and email ([sales@middleatlantic.com](mailto:sales@middleatlantic.com)), providing expert advice quickly and easily.

### White Papers



Practical guidance on power distribution and grounding, thermal management, cable management and seismic installations.

Available at [middleatlantic.com](http://middleatlantic.com), in the 'Resources' menu.

## Term

**3 Part Specifications:** A CSI MasterFormat 3 Part Spec is a document that contains all the product information and options needed when specifying products in the 3 part format. 3 Part Specifications are available on our website at [middleatlantic.com](http://middleatlantic.com).

**A & E Spec:** An A & E Spec, or Architects' and Engineers' Specification Sheet, is a document that contains all of the information, including dimensions, materials, and weight capacities, in the format needed when specifying products. Our Architect's and Engineer's Specification Sheets are available on our website at [middleatlantic.com](http://middleatlantic.com) or in printed form upon request.

**American Society of Civil Engineers (ASCE):** ASCE have developed construction standards for buildings and materials which, when used in reference to our racks and enclosures, signifies that the equipment will survive a seismic event when used to approved specifications.

**Anodize:** A finishing process used on aluminum. This process, when used on our products, includes 'brushing' to give an aesthetically-pleasing grained finish.

**Bonding:** The permanent joining of metallic parts, likely to become energized, forming an electrically conductive path for a ground fault.

**CAD Blocks:** AutoCAD® compatible, 1:1 scale product drawings. CAD Blocks can be pasted directly into an AutoCAD layout. Available on our website at [middleatlantic.com](http://middleatlantic.com)

**California Building Code (CBC):** The CBC provides the requirements needed for construction in California which, when used in reference to our racks and enclosures, signifies that the equipment complies with the code and will survive a seismic event when used to approved specifications.

**Middle Atlantic Designer™:** Full color, 3D console, LD Desk, video wall and room layout software package. Includes a line of sight tool. Creates Quotes, Specifications, and also exports to AutoCAD. Free download from [middleatlantic.com](http://middleatlantic.com), on the Resources>>Tech Docs page.

**E-coat:** An electroplating process that, when used on our rackrail, guarantees that the threads do not become clogged.

**EIA Compliant:** EIA is the 'Electronic Industries Alliance'. 'EIA Compliant' signifies that a rack or enclosure, including accessories, conform to the current EIA-310 standard regarding rackrail spacing, panel sizes, dimensions, etc.

**ETL Listed Mark:** The ETL Listed Mark is the certification mark, provided by Intertek – an NRTL, which signifies that a product meets or exceeds applicable safety standards. The ETL certification mark signifies that a product has been certified to US and/or Canadian standards.

**Federal Communications Commission (FCC):** US government agency charged with regulating the non-federal government use of radio frequencies and all telecommunications

**Gangging:** When two or more racks are connected together, side-by-side. This is done in installations when multiple racks are permanently installed, facilitating cabling between racks. Also referred to as a multi-bay installation.

**GREENGUARD:** Certification for indoor air quality. The GREENGUARD Environmental Institute tested our products to meet or exceed acceptable air emissions limits for Children and Schools, which have the most stringent requirements.

**Grounding:** The intentional connection of electrical equipment to a grounding conductor for safety.

**International Building Code (IBC):** The International Code Council's published requirements for building and construction. The IBC, when used in reference to our racks and enclosures, signifies that the equipment complies with the code and will survive a seismic event when used to approved specifications.

**Isolated Ground:** Also referred to as a "Technical Ground," this originates only at the point where the ground and neutral are bonded together. Isolated grounding conductors must be insulated & not be bonded to metallic building structures, junction boxes & breaker panels and terminate only at the equipment being served by the isolated ground circuit.

**KO:** KO is short for 'Knockout,' and applies to the knockouts that have been provided in most of our racks for electrical connections, cable pass-through and also for UHF/VHF antennas. One type of knockout consists of punched indentations in equipment cabinets, which can be easily knocked out using a screwdriver or other similar tool to create one of two different sized openings for running low-voltage cable, electrical conduit, connectors, etc. Another type of knockout is produced by a laser and produces smooth edges that are friendly to cables and contractors.

**MOV Surge and Spike Protection:** MOV (Metal Oxide Varistor) is an electrical component that protects electrical equipment in the event of an electrical surge or spike.

**National Electrical Code (NEC):** The National Fire Protection Association (NFPA) publishes this code to provide requirements for electrical installations. When used in reference to our racks and enclosures it specifies the method in which an enclosure is to be grounded and/or bonded.

## Term

**National Fire Protection Agency (NFPA):** The NFPA is the authority on fire, electrical and building safety. When used in reference to our racks and enclosures, we reference NFPA codes and standards to signify that the equipment complies with the applicable requirements for surviving a seismic event, or that it is installed appropriately in the field.

**Network Equipment Building System (NEBS):** The Network Equipment Building System is a set of standards that, when used in reference to our racks and enclosures, specifies the method in which an enclosure is to be grounded and bonded.

**National Recognized Testing Laboratory (NRTL):** OSHA program which qualifies and maintains testing agencies to perform product and process evaluations and certifications.

**Office of Statewide Health Planning and Development (OSHPD):** The Office of Statewide Health Planning and Development is one of 13 departments within the California Health and Human Services Agency. OSHPD Approval, when used in conjunction with our seismic certified racks and enclosures, signifies that the anchorage method and hardware have been pre-approved to survive a seismic event when used to approved specifications.

**Powder Coat:** Powder coat is an epoxy based finish that is applied electrostatically and then baked to cure the finish. Powder coating is an environmentally friendly process that does not release any harsh chemicals into the water or air. Powder coat is scratch-resistant and protects the materials from corrosion.

**Rackspace (Rack unit, RU, space):** A rackspace is a 1.75" vertical increment based on EIA/TIA standards and is how all 19" wide rackmount components are measured in terms of height. It is the only measure common to the metric and English systems.

**RackTools®:** RackTools is a free layout and specification software package produced by Middle Atlantic Products. Containing our complete product line, RackTools is user-friendly and does not require any third party software to generate drawings, purchase orders and quotes quickly and easily. Please visit [racktools.com](http://racktools.com) for more information and to download your free copy.

**Restricted of Hazardous Substances (2002/95/EC) (RoHS):** European regulation (Directive) which defines and regulates the amount of certain hazardous substances in electrical and electronic products being introduced into the EU. Regulated materials include: lead, cadmium, mercury, hexavalent chromium, poly-brominated flame retardants (PBBs), and poly-brominated diphenyl ethers (PBDEs).

**RoHS Directive of the European Union:** Provides the requirements for the use of certain hazardous substances in electrical and electronic equipment being introduced into the EU. Regulated materials include, but are not limited to: lead, cadmium, mercury, hexavalent chromium, poly-brominated flame retardants (PBBs), and poly-brominated diphenyl ethers (PBDEs)

**Seismic Certified:** A seismic certification signifies that our rack or enclosure has been certified to established standards and requirements to survive a seismic event and remain functional. A seismic certified rack is one component of a seismic rated installation.

**Spec Clips™:** Customizable specification clips that can be copied and pasted directly into project specifications. Please visit [middleatlantic.com](http://middleatlantic.com) to access this free tool.

**Stand-Alone:** Racks or power modules that are used alone, i.e. WRK-SA Series stand-alone enclosure and 30 amp stand-alone power modules.

**Stencil Blocks for Visio®:** Ready-to-use stencils for use with Microsoft Visio®. Stencil Blocks have been enhanced with an on-line, updatable database of our complete custom rackshelf offering.

**TIA Compliant:** TIA is the 'Telecommunications Industry Association'. 'TIA Compliant' signifies that a rack or enclosure, including accessories, conform to standards regarding rackrail spacing, panel sizes, dimensions, etc.

**UL Listed:** The UL Listed certification mark signifies that a product has been tested and certified by Underwriters Laboratories (UL) to meet or exceed applicable safety standards. The UL certification mark signifies that a product has been certified to US and/or Canadian standards.

**Uniform BuildingCode (UBC):** The UBC, when used in reference to our racks and enclosures, signifies that the equipment complies with the code and will survive a seismic event when used to approved specifications.

**Useable Depth:** On racks the useable depth is based on the maximum front to rear rail depth, with the exception of wall racks, where the open space in the backpan is considered part of the useable depth. On a rackshelf, the useable depth is the maximum depth of the component that can fit on the shelf.

# Alpha Numeric

2-x	55	CLS-COOLx	124	FD-x	34	MMBx	93	RLM-x	106	TOR-x	69
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# Finishes

Finishes shown are a representation of approximate color and appearance. Actual finish samples are available, please contact us for more information.

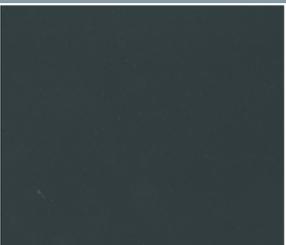
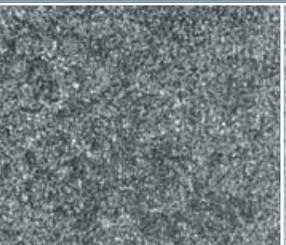
## Steel Products

					
<b>Black Powder Coat</b> (rackshelves, panels, etc.)	<b>Black Textured Powder Coat</b> (cabinets, cabinet options)	<b>Black Brushed &amp; Anodized</b> (panels & accessories)	<b>Black Textured Powder Coat</b> (panels & accessories)	<b>Graphite Desktop Laminate</b> (ISRK, MDK, SCRK/SCQRK)	<b>Putty Textured Powder Coat</b> (WRP, HDR, TOR)

## Wood Laminate Racks

		
<b>Black Wood Grain Laminate</b> (Slim 2, RK, BRK)	<b>Maple Wood Grain Laminate</b> (MBRK)	<b>Oak Laminate</b> (OBRK, OSR)

## Furniture and Side Panels

				
<b>Ebony Ash Thermolaminate</b> (C5)	<b>Slate Thermolaminate</b> (Slim 5, C5, ViewPoint™, LCD, Edit Center™ - sides only)	<b>Darkstone Thermolaminate</b> (Slim 5, C5, ViewPoint™)	<b>Graystone Thermolaminate</b> (Slim 5, C5, ViewPoint™, WMS)	<b>Pepperstone Thermolaminate</b> (Slim 5, C5, ViewPoint™, LCD, Edit Center™ - tops only)
				
<b>Shark Gray Thermolaminate</b> (Slim 5, C5, ViewPoint™)	<b>Wenge Thermolaminate</b> (Slim 5, C5, ViewPoint™)	<b>Dark Cherry Thermolaminate</b> (Slim 5, C5, ViewPoint™, LCD, Edit Center™, WMS)	<b>Dark Pecan Thermolaminate</b> (Slim 5, C5, ViewPoint™)	
				
<b>Aged Cherry Thermolaminate</b> (Slim 5, C5, ViewPoint™)	<b>Honey Maple Thermolaminate</b> (Slim 5, C5, ViewPoint™, LCD, Edit Center™)	<b>Light Walnut Thermolaminate</b> (Slim 5, C5, ViewPoint™)	<b>Maple Thermolaminate</b> (Slim 5, C5, ViewPoint™, WMS)	

Finishes



Middle Atlantic Products, Inc. manufactures exceptional support and protection products to mount integrated AV systems in Residential, Commercial, Broadcast, and Security applications. All of our products are engineered to maximize system reliability and to meet the needs of installers; from thermal considerations and built-in cable management on our racks and enclosures, to pre-installed washers on our rack screws, we build in ways to save time and simplify the job.

Our customer-first philosophy doesn't stop with our products. We have a fleet of regional delivery trucks based at our New Jersey, Illinois and California facilities that deliver our products to nearby customers and installation sites. Our demonstration vehicles tour the country displaying our products and providing a hands-on look at the unique features and benefits. And our free electronic tools, including RackTools™ rack specification software, and Middle Atlantic Designer™ 3D layout software for technical furniture and video walls, make it easy to design your racks and furniture layouts and quickly generate Purchase Orders and Quotes.

Middle Atlantic's technical prowess includes manufacturing capabilities such as laser-fabrication cells which produce smooth edges that are friendly to both cables and contractors hands and arms, automated forming lines, robots and high-speed turret presses that provide quick throughput to allow us to ship from stock. Our extensive selection of products includes steel rack enclosures, monitoring consoles, cable management products, audio and video studio and technical furniture, power distribution products, cooling products, and related accessories. Exact Power, the new power products division of Middle Atlantic, provides power protection, distribution and conditioning solutions optimized for AV installations in residential and commercial settings.

We are proud to hold both ISO 9001 registration for our quality management system in all our US facilities, and ISO 14001 registration for our environmental management system at our New Jersey headquarters location. Together, these rigorous, independently verified world-class registrations provide the assurance that our customers will continue to receive high quality products and services, and that as a corporation we are dedicated to proactively managing our environmental impact.

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 middleatlantic.ca



**Commitment to the Environment**

Middle Atlantic Products demonstrates a strong commitment to the environment, one which influences all aspects of our business, not simply product design.

We are proud that our New Jersey headquarters and manufacturing facility has achieved ISO 14001 registration for our environmental management system. We strive to use less energy and fewer natural resources to make our products because it helps lessen our impact on the environment, but it also helps us benefit our customers with competitive prices.



**ISO 14001 Registered**



To further our commitment to the environment and healthy work spaces, we have achieved GREENGUARD Indoor Air Quality Certification for Children and Schools (the strictest level available) on the majority of our product line. This certifies that our products meet the strictest levels of emissions of Volatile Organic Compounds.

To learn more about our environmental initiatives, contact us or see our website.

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