

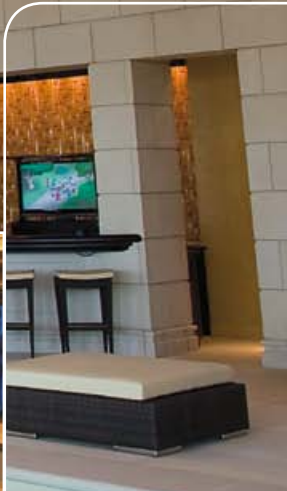
AV INSTALLATIONS AS
ELEGANT & FUNCTIONAL AS
THE REST OF THE HOME



Middle Atlantic Products

RESIDENTIAL INSTALLATION PRODUCTS

Installation by Intra Home Systems; Photographed by Ray Tralle



2013 PRODUCT CATALOG



what
great systems
are built on.™



RESIDENTIAL INSTALLATION PRODUCTS

Middle Atlantic Products has been the leader in Residential AV equipment mounting systems for decades, and for very good reasons:

- Every installation product is designed for functionality, strength, reliability and installation efficiency, and we stand behind our products.
- Installation systems incorporate all four essential elements for a reliable system, including Physical support & protection, Thermal Management, Power Distribution and Control, and Cable Management.
- We offer solutions for the full range of installation challenges, from the smallest in-furniture racks to fully integrated whole-house systems with dedicated equipment rooms.
- And we support every sale with technical information, extended customer service hours, and fast delivery from stock.

Let us help you make your best installations ever – expect more from Middle Atlantic Products.



Installation by Intra Home Systems

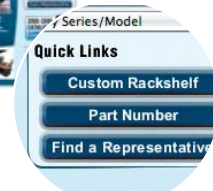
The RSH custom face system provides secure equipment mounting, and is the professional's choice for trimming non-rackmount components.



RSH SERIES CUSTOM RACKSHELVES

RSH Series Custom Rackshelves consist of a shelf and a custom face which trims non-rackmount components perfectly. Available with an anodized or textured finish. Chances are the specified component is listed among the over 9,500 measured units in our comprehensive online database! Database now includes iPad® docks.

Part #	Description
RSH4A	black brushed and anodized
RSH4S	black textured powder coat
-C	clamp kit for mobile or seismic installations



Visit the custom rackshelf search at middleatlantic.com to see if the specified component is listed

See pg. 27 for Custom Rackshelves for media docks.



IN-WALL PULL-OUT EQUIPMENT RACK SOLUTIONS



Unique pull-out equipment racks provide convenient access to connections (while saving valuable time during installation and maintenance!)

THE INNOVATIVE AXS SYSTEM The AXS Series allows an entire system to be pulled out for installation and servicing. Designed to be built into a closet or wall, the AXS system accommodates today's modern audio & video components and provides an appealing flush-mount design complementing any décor.

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 sp.)	48"	26"	650 lbs.	19-1/4"	19-5/8"	no
AXS-xx	xx equals # of useable space (15 to 43 sp.)	48"	20"	650 lbs.	19-1/4"	19-5/8"	no
AX-SXR-xx	xx equals # of useable space (15 to 43 sp.)	31"	20"	450 lbs.	19-1/4"	19-5/8"	yes
AX-SX-xx	xx equals # of useable space (10 to 43 sp.)	25"	20"	650 lbs.	19-1/4"	19-5/8"	no
SAX-xx	xx equals # of useable space (15 to 43 sp.)	48"	16-1/2"	650 lbs.	19-1/4"	19-5/8"	no
SSAX-xx	xx equals # of useable space (15 to 43 sp.)	25"	16-1/2"	650 lbs.	19-1/4"	19-5/8"	no

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

Service Tracks* - pair of removable service tracks				Service Stands* - removable telescoping stand that supports & levels the service tracks	
Part #	Use With	Track Length	Rack Frame Ext. Depth	Part #	Height Range Off the Floor
TRACK50	AXS, SAX, AXS-xx-26	50"	48"	TRACKL	2-1/4" to 3-1/4"
TRACK31	AX-SXR	31"	31"	TS310	3-1/2" to 10"
TRACK25	AX-SX, SSAX	25"	25"	TS1022	10" to 22"
				TS1640	16" to 40"

*required for installing and servicing

AXS-WT CABLE MANAGEMENT TRAY

AXS-WT provides additional capacity for large cable bundles. Mounts between cable carriers of any AXS Series slide out rack. Fits all existing AXS systems. Not for use with AX-SXR rotating slide out rack.

*required for installing and servicing



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



Installation by Intra Home Systems

IN-FURNITURE SYSTEM SOLUTIONS

THE SRSR ROTATING SLIDING RAIL SYSTEM

The SRSR Series extends a full 19" or 23", depending on model, and rotates 90°! Great for in-cabinet mounting, the innovative SRSR system is available in a variety of sizes and accommodates up to 250 lbs. Providing enhanced access to rear connections, the unit locks in place at 0°, 60° and 90° positions to ease installation and servicing. Each SRSR rack includes front and rear rackrail, an effective cable management system, locking panel and hardware.

Use the SRSR-2-xx or the SRSR-4-xx for installations where a 19" useable depth is required.

Part #	Description
SRSR-2-xx (# of useable spaces, from 12 to 24)	2 slide, 125 lb. capacity
SRSR-4-xx (# of useable spaces, from 12 to 30)	4 slide, 250 lb. capacity

When a greater depth is needed for components such as the Sony DVP-CX777ES, use the SRSR-X-xx, which boasts a 23" useable depth, 200 lb. weight capacity, & fits into 24" millwork enclosures!

Part #	Description
SRSR-X-xx (# of useable spaces, from 12 to 30)	4 slide, 200 lb. capacity

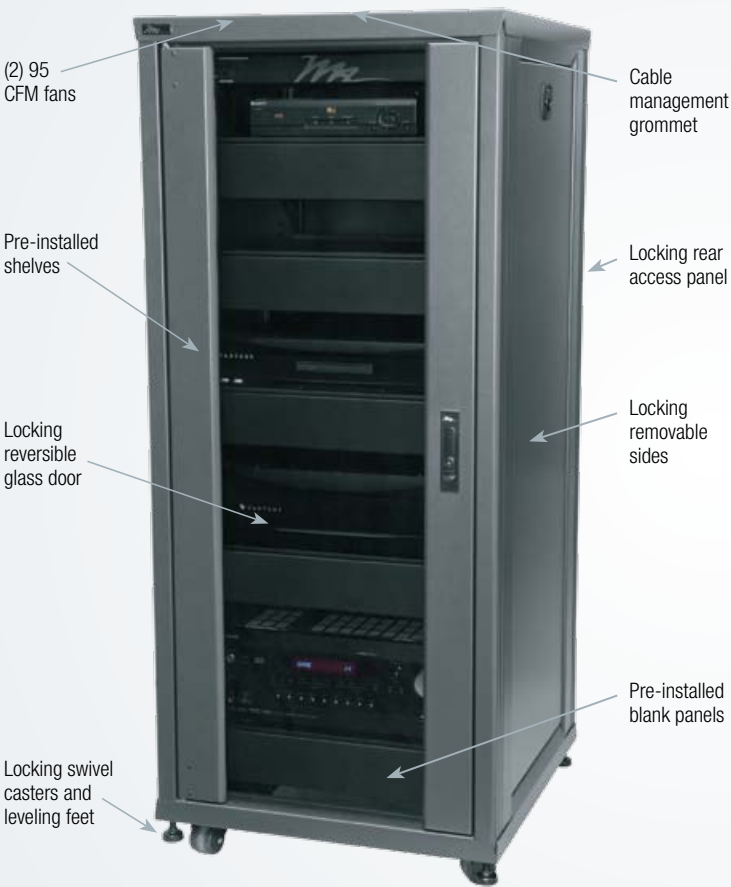


RESIDENTIAL CONFIGURED RACK SYSTEM

RCS series of Pro Racks for Pro installers are pre-configured with items such as shelves, for convenient equipment mounting and shipped fully assembled to save time.

- Fully welded steel construction (UL Listed)
- Ships fully assembled to save time
- Locking removable side panels for easy integration
- Includes integral active cooling for proper thermal management
- Locking rear access panel
- Includes front and rear adjustable rack rail

Installation by Intra Home Systems



ALL RCS SERIES RACKS ARE PRE-CONFIGURED WITH



Glass Front Door



Rear Access Panel



Removable Locking Side Panels



Active Cooling (2) 95 CFM Fans



Locking Casters & Leveling Feet

RESIDENTIAL CONFIGURED RACK SYSTEM

RCS Series racks are built on a professional rackmount foundation and accept both professional rackmount and shelf mounted consumer components.



	RCS-4224	RCS-2724	RCS-1824
Racking Weight Rating	1,200 lbs.	750 lbs.	500 lbs.
Shelves*	(5) 2 space, 16" deep (50 lbs.) (2) 2 space, 18" deep (50 lbs.) (2) 3 space, 20" deep (100 lbs.)	(4) 2 space, 16" deep (50 lbs.) (1) 2 space, 18" deep (50 lbs.)	(3) 2 space, 16" deep (50 lbs.)
2 Space Blank Panels*	9	5	3
Overall Dimensions	24"d x 23-5/8"w x 80-1/2"h	24"d x 23-5/8"w x 80-1/2"h	24"d x 23-5/8"w x 80-1/2"h
Racking Height	42 space	27 space	18 space
Recommended Vertical Power**	C E G T N P	C E G	C

*Shelves and panels are pre-installed. **Note: power strips are available options. All vertical power requires PB-5A.

RCS SERIES COMPATIBLE ACCESSORIES



Rackmount Power Distribution



Rackmount Storage



RSH Rackshelves



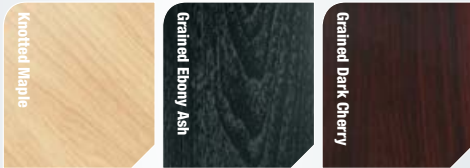
Cable Management

MFR SERIES MOBILE FURNITURE RACK

MFR Series Furniture Racks are the economical solution.



MFR-2027GE



Engineered and rigorously tested to provide years of trouble-free service, these racks feature premium bolt-through casters and rigid construction for reliability.

- Cost-effective furniture rack includes advanced features for reliability
- Robust design features bolt-through casters and internal steel bracing (12 and 16 space models have 3" floor-friendly caster, 20 space models have 4" casters)
- Optimized for passive ventilation, or choose optional thermostatically-controlled DC fan kit
- Optional flat screen mount accommodates most monitors up to 32" (VESA 100)
- Integrated rear management system features vented top mounting panel for optional DC fans, integrated cable exit panel, and tip-in rear panel for easy equipment access
- Locking Plexi Glas® front door standard
- Available in 12, 16, and 20 rackspace sizes in 3 attractive colors: Knotted Maple, Grained Ebony Ash, and Grained Dark Cherry
- UL Listed (structural and tip) for support of audio/video equipment
- Ships fully assembled

Part #	Overall Height	Racking Height	Overall Depth	Useable Depth
MFR-1227xx*	27"	21" (12 rackspaces)	27-3/8"	23"
MFR-1627xx*	34"	28" (16 rackspaces)	27-3/8"	23"
MFR-2027xx*	42"	35" (20 rackspaces)	27-3/8"	23"

* Replace 'xx' with KM = Knotted Maple, GE = Grained Ebony Ash, GC = Grained Dark Cherry.



Integrated rear management system

MFR Series Mobile Furniture Rack Options		
Rear Rackrail Kits*	Monitor Mount	(2) 3" DC Fans, 50 CFM with Power Supply
MFR-RRK-12 (12 rackspaces)	MMB-1X1-12	MFR-FANKIT-2
MFR-RRK-16 (16 rackspaces)		
MFR-RRK-20 (20 rackspaces)		

* NOTE: you must order rear rail in the same size as your rack order.

RFR REFERENCE SERIES FURNITURE RACK

Uniquely styled furniture rack system that is optimized for easy integration and aesthetics.

The RFR Reference Series combines elegant design with professional integration attributes perfect for attractive, reliable systems.

- **Engineered for professional integration to ensure efficient installation**
 - Wide-body design allows for handy interior device mounting and cable management using optional tool-free Lever Lock™ system
 - Robust construction features bolt-through floor-friendly casters and internal steel bracing for years of reliable use
 - Unique cable entry rear door and included cable spools allow easy storage of connecting cable bundle
- **Advanced cooling for system reliability**
 - Optimized for passive ventilation featuring generous front air intake and rear exhaust vents
 - Enable energy-saving active cooling with optional thermostatically-controlled DC blower panel. Quiet and powerful: 50 CFM, 27 dB
- **Superior aesthetics complement any public space**
 - Architectural design incorporates a highly aesthetic and durable new finish, available in three new colors
 - Attractive IR-friendly locking glass front door standard
- Available in 16, 20, and 24 rackspace sizes in 3 attractive colors: Black Rain, Cherry Rain, and Teak Rain
- Optional flat screen mount accommodates most monitors up to 32" (VESA 100)
- UL Listed (structural and tip) for support of audio/video equipment
- Ships fully assembled



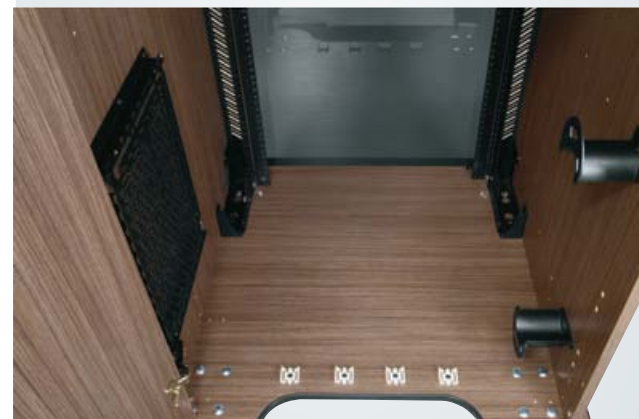
RFR-2428TR

Part #	Overall Height	Racking Height	Overall Depth	Useable Depth
RFR-1628xx*	35"	28" (16 rackspaces)	28-1/4"	23-1/4"
RFR-2028xx*	42"	35" (20 rackspaces)	28-1/4"	23-1/4"
RFR-2428xx*	49"	42" (24 rackspaces)	28-1/4"	23-1/4"

* Replace 'xx' with BR = Black Rain, CR = Cherry Rain, TR = Teak Rain.



RFR Reference Series Furniture Rack Options			
Rear Rackrail Kits*	Monitor Mount	Lever Lock™ Mounts (2)**	Quiet DC Blower Panel 50 CFM, 27 dB
RFR-ERRK-16 (16 rackspaces)	MMB-1X1-12	LL-RFR	RFR-CABCOOL50
RFR-ERRK-20 (20 rackspaces)			
RFR-ERRK-24 (24 rackspaces)			
* NOTE: you must order rear rail in the same size as your rack order. **Accommodates all 17" vertical Lever Lock options.			



Wide-body design accommodates optional Lever Lock™ device mounting and cable management accessories

C5 SERIES CREDENZA RACKS

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.

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



27-1/2" Deep Credenza Racks

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 *

31-1/2" Deep Credenza Racks

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-D	C5K1-D-TPD-xx *	C5K1-D-TSD-xx *	C5K1-D-CPD-xx *	C5K1-D-CSD-xx *
2 Bay	C5F2-D	C5K2-D-TPD-xx *	C5K2-D-TSD-xx *	C5K2-D-CPD-xx *	C5K2-D-CSD-xx *
3 Bay	C5F3-D	C5K3-D-TPD-xx *	C5K3-D-TSD-xx *	C5K3-D-CPD-xx *	C5K3-D-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.

*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



C5 SERIES CREDENZA RACKS

Single and dual monitor mounts for C5 Series credenza racks.

Now you can easily mount large format monitors directly to C5 Series credenzas to simplify your AV installations. Eliminates wall mounting and cable routing issues with built-in cable pathways.

- Accommodates most screens from 42" to 65" (dual) or 70" (single). Larger sizes available custom - please call
- Monitor height is adjustable and easy to level using the provided markings
- Optional camera mounts are ideal for videoconferencing systems. Cameras can be mounted above or below single monitors, or between dual monitors. Mounts are fully adjustable – choose from a large or small platform to match your camera unit size
- Includes cable clips for neat cable management into the credenza racks below
- Durable black powder coat finish

C5 SINGLE & DUAL LARGE FORMAT MONITOR MOUNTS

Part #*	Description
C5MM1-4270S	fits 42" to 70" single monitor, accepts optional camera mounts
C5MM1-4255D	fits 42" to 55" dual monitors, accepts optional camera mounts
C5MM1-5665D	fits 56" to 65" dual monitors, accepts optional camera mounts

*** MONITOR MOUNTS SOLD SEPARATELY. Requires pre-Machined Top (finishing kit) designated in finishing kit part # (EG: C5K2-CPDMT-xx). Available for 2 & 3 bay C5 only.**



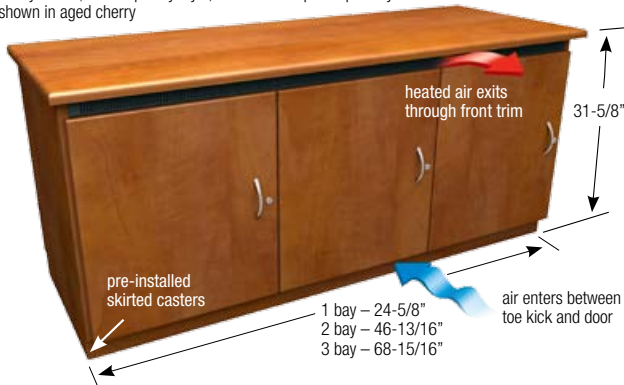
C5 UNIVERSAL CAMERA MOUNTS

Part #	Description	Size
C5CMTB-88	mounts to top or bottom of screens	8" x 8"
C5CMTB-128	mounts to top or bottom of screens	12" x 8"
C5CMM-88	mounts between dual screens	8" x 8"

Combination of a steel rack frame and attractive outer furniture panels.

27-1/2" DEEP CREDENZA RACK

3-bay model, contemporary style, 14 rackspace per bay
shown in aged cherry



31-1/2" DEEP CREDENZA RACK

3-bay model, traditional style, 14 rackspace per bay
shown in dark cherry



C5 SERIES CREDENZA RACK ACCESSORIES

C5 Depth Extender Install deeper equipment in C5 credenza racks.



Extender kit adds 2.93" useable depth

The Depth Extender Kit is field-installable and extends the rear depth of any single bay of any standard depth C5 Credenza model to accommodate deeper components and their cables.

The extender adds nearly 3" to the frame's useable depth (while staying within the overall depth of the wood surface) and accommodates the unit's standard rear panel. Fits all models and installs with an included wrench.

Part #
C5-EXT*
*Fits standard depth C5 only



Shown in gray for clarity

OPTIONS FOR 31-1/2" DEEP CREDENZA RACKS

		
Rotating Sliding Rail System	Flip-Up Side Shelf Contemporary Style	Flip-Up Side Shelf Traditional Style
C5D-SRSR12**	C5D-SDSH-Cxx*	C5D-SDSH-Txx*

**Note: weight capacity is 125 lbs.

OPTIONS FOR 27-1/2" DEEP CREDENZA RACKS

		
Flip-Up Side Shelf Contemporary Style	Flip-Up Side Shelf Traditional Style	Adjustable Rail Bracket Kit
C5-SDSH-Cxx*	C5-SDSH-Txx	C5-ARB

*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 OPTIONS FOR ALL C5 CREDENZA RACKS

			
Shelf System Insert	Custom Cutouts for Tabletop Boxes	Cable Grommet	Waste and Recycle Bin Insert
C5-SH-SYS	Please call	C5-CG	C5-WB

Millwork Kit for customizing C5 Series credenza racks.



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

The millwork kit supplies all hardware & 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.
- 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, & 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 w/ 27-1/2" Deep Frame	Order w/ 31-1/2" Deep Frame
C5-MK1	C5 millwork kit, 1 bay	C5F1	C5F1-D
C5-MK2	C5 millwork kit, 2 bay	C5F2	C5F2-D
C5-MK3	C5 millwork kit, 3 bay	C5F3	C5F3-D

CONFIGURED “READY-TO-GO” RACK ENCLOSURES & HRF SERIES

These rack systems come complete with pre-installed shelves, casters, power distribution & cable management.



RDR-S6

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, cable management and rack accessories.

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



ERK-2725-CONFIG

ERK Series

ERK Series idea for cable intensive and whole house distributed systems. ERK models are factory configured/pre-installed and ship complete with power distribution, cable management and rack accessories.

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



5-29-CONFIG

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, cable management and rack accessories.

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

HRF Series half rack systems feature a low profile design & compact dimensions.

The HRF Series was designed to accommodate half rack equipment from a variety of manufacturers. An offset cable tie area keeps their overall width to a slim 10-5/8", which makes them an important off-the-shelf solution for maximizing the amount of useable rackspace in confined areas. The HRF Series half racks also feature a strong welded frame that enables equipment to be pre-loaded and transported to the installation site. Initial models are available in 8 and 12 space useable racking height configurations with available mounting shelves that include a pattern of holes and slots that accommodate any device-mounting pattern. The line of complementary accessories for the Half Rack Series also includes a high-static pressure blower to exhaust heat, as well as blank & vented panels to complete the installation.

Half Rack Options					
Runner Kit	Universal Multi Shelves	Blank Panels	Vent Panels	Quiet Blower	"Mini" PD Slim Power Strip*
5-RS14	HR-UMS1-5.5 (5-1/2" depth)	HRBL1 (1 space)	HR-EVT1 (1 space)	HR-QBP-1	PD-715SC-NS
-	HR-UMS1-11.5 (11-1/2" depth)	HRBL2 (2 space)	HR-EVT2 (2 space)	-	-
Part #	Racking Height	Overall Height	*This PD slim power strip was designed for use in the HRF Series "half-racks" but it can be used anywhere a small power strip is needed.		
HRF-814	14" (8 rackspaces)	14-15/16"			
HRF-1214	21" (12 rackspaces)	21-15/16"			



HRF-1214

IN-FURNITURE SYSTEM SOLUTIONS

Slide out rotating shelving systems combine the functionality of a professional racking system with the simplicity of adjustable shelves.

THE REB SERIES LOW PROFILE ROTATING SLIDE OUT EQUIPMENT BASE

Perfect for systems with fewer components. Ideal for smaller systems, or when an open shelf system is desired and the ability to customize shelf fronts is not required.

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 extended by components deeper than the stated useable depth.



REB14

THE ASR SLIDE OUT ROTATING SYSTEM

Ideal for smaller systems and has a useable depth of 16-1/8". This system is available in four sizes with a weight capacity of up to 200 lbs. ASR Series ships ready-to-assemble to reduce shipping cost.

Part #	Opening Height	Weight Capacity	# of Shelves
ASR-30	30"	100 lbs.	4
ASR-36	36"	100 lbs.	5
ASR-42	42"	200 lbs.	6
ASR-48	48"	200 lbs.	7



ASR-42

THE ASR-HD HEAVY DUTY SLIDE OUT ROTATING SYSTEM

Provides the aesthetics of shelving with customizable shelf fronts. The ASR-HD system has a 19" useable depth and is available in three sizes with a weight capacity of up to 250 lbs. This product ships fully assembled to reduce installation time. Optional wood trim kits and additional shelves available. See main catalog for details.

Part #	Opening Height	Weight Capacity	# of Shelves
ASR-30-HD	30"	200 lbs.	4
ASR-42-HD	42"	200 lbs.	6
ASR-60-HD	60"	250 lbs.	9

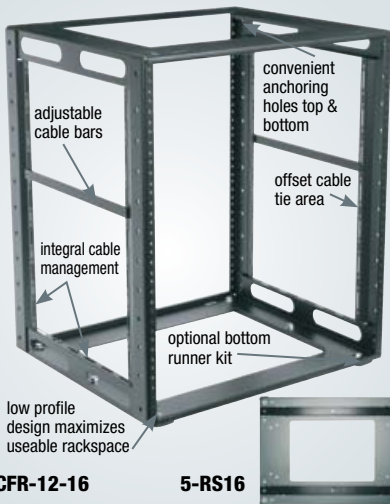


ASR-42-HD

THE CFR SERIES ALLOWS EASY RACK SYSTEM INTEGRATION INTO CABINETS

Middle Atlantic's CFR provides rackspace in entertainment systems, cabinets and similar spaces. Features a strong welded frame that allows for pre-loading equipment and transportation to the installation site.

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



CFR-12-16 5-RS16



DEDICATED EQUIPMENT ROOMS & CLOSETS

The Slim 5 Series versatile rack frame system satisfies many design requirements.



THE SLIM 5 SERIES VERSATILE RACK FRAME SYSTEM

Offered in heights ranging from 8 to 43 spaces, Slim 5 rack enclosures have an overall width of only 19-1/8" and arrive ready-to-assemble to save on shipping. This lightweight, strong rack series features pre-installed studs for fast assembly and a self-squaring design that provides exceptional rigidity.

20" Useable Depth Part #	26" Useable Depth Part #	Racking Height	Overall Height	UL Weight Capacity
5-8	5-8-26	14" (8 space)	17-3/4"	400 lbs.
5-14	5-14-26	24-1/2" (14 space)	28-1/4"	400 lbs.
5-21	5-21-26	36-3/4" (21 space)	40-1/2"	400 lbs.
5-29	5-29-26	50-3/4" (29 space)	54-1/2"	400 lbs.
5-37	5-37-26	64-3/4" (37 space)	68-1/2"	400 lbs.
5-43	5-43-26	75-1/4" (43 space)	79"	400 lbs.

For attractive finishing solutions see main catalog.

Casters - can be added to provide mobility

For Use on Fine Floors	For Use on Standard Flooring	Description
5WR	5W	non-locking
5WLR	5WL	locking
CBS-5R	CBS-5	skirted caster base with non-locking casters, 20" depth models
CBS-5-26R	CBS-5-26	skirted caster base with non-locking casters, 26" depth models

Doors, casters, side panels, and other options are available



5-29-26

Doors, casters and other options are available to finish your installation. Please visit our website www.middleatlantic.com for more info.

The ERK Series welded rack enclosure provides many options for cooling and cable management.



THE ERK SERIES WELDED RACK ENCLOSURE

The ERK Series is an excellent choice when an enclosed rack is desired. Configured parts available.

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

available without rear door, suffix part # with LRD.



MRK Series
Gangable Rack Enclosure



SR Series
Pivoting Rack



WR Series
Roll Out Rotating System in Steel Host Enclosure



MK Series
Cable Management Rack



ERK-4425

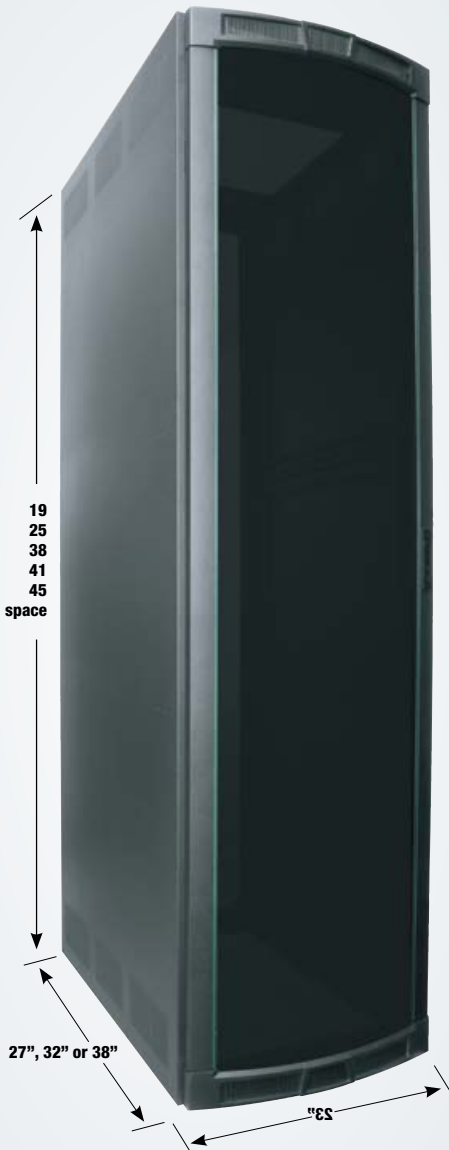
Doors, casters and other options are available to finish your installation. Please visit our website www.middleatlantic.com for more info.

A full line of enclosures is available for dedicated equipment rooms. Please visit our website for more information www.middleatlantic.com.

Photography by Ashley Daigreault

UNIQUE SYSTEM SOLUTIONS

This is the breakthrough “Next Generation” rack.



BGR-45SA-32
shown with optional
curved plexi door

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 Lever Lock™ system for tool free installation of cable management accessories. 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.

EASY INTEGRATION, CABLE MANAGEMENT & SERVICING

- Lever Lock™ internal management system for cable management and device mounting within the rack
- Configurable top with generous 21" wide opening
- Optional cable entry rear door for easy cable routing

SPACE SAVING

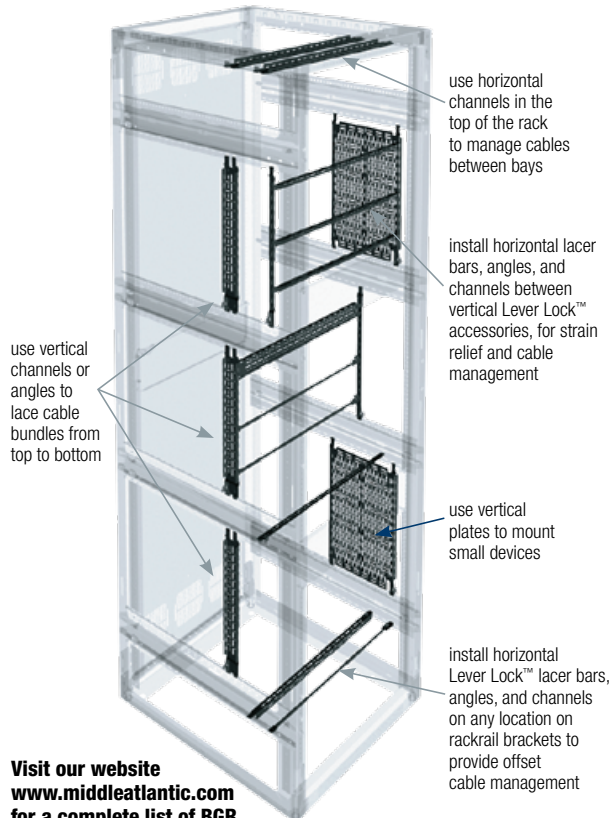
- More useable height – 45U in less overall height than most 44U racks
- Lever Lock™ system can save up to 5U per rack by mounting small devices in “no man’s land”

EFFECTIVE, EFFICIENT COOLING

- High flow, low energy DC fan system uses less energy to move necessary airflow
- Rack designed with built-in thermal management features

IMPROVED APPEARANCE

- Curved front door (plexi or vented) for attractive installations
- Vertical trim kit has color accent choices for a distinctive look



Visit our website
www.middleatlantic.com
for a complete list of BGR
and BGR-SA accessories
and options.

Installation by Worthington Systems



Lever Lock™ Tool Free Internal Management System for BGR and BGR-SA Racks

The patent-pending Lever Lock™ 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 Lever Lock system is comprised of 2 types of accessories based on mounting orientation: vertical and horizontal, and all styles *install without tools or hardware*.

RACKLINK™ POWER MANAGEMENT SYSTEM

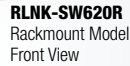
Expanded product line improves system reliability and reduces service costs.



RLNK-SW415R-SP
"Half Rack" Rackmount
Model Front View



RLNK-SW215-NS
In-Line Model



RLNK-SW620R
Rackmount Model
Front View



RLNK-MON120-NS
In-Line Model



RLNK-SW620R
Rackmount Model
Rear View

These practical power management products are A/V installation problem-solvers in residential applications that improve system reliability and reduce service costs. RackLink™ products monitor the power and temperature conditions of installed systems, log key conditions, and alert you to any irregularities. And, based on simple setup instructions, these products can even reboot specific devices or take other actions you choose to correct problems on their own when you aren't available. We've made them easy to set up and operate – and no "cloud" services are required. The expanded product family includes new models with advanced patent-pending Series Protection™ technology to protect systems from damaging surges, a compact "half-rack" model to save space, and an industry-first hardwired model – all with the industry's leading 12 year warranty! Improve your real-time power management – try a RackLink™ unit on your next job.

• **Monitor/Log:**

- Real-time tracking and logging of key variables including input voltage, load current and temperature
- Auto Ping capability to monitor selected IP devices

• **Control:**

- "Anywhere" access with smartphone apps or Internet
- Dry contacts to extend control outside the rack (with remote power modules, for example)
- Some models have integrated sequencing with adjustable settings

• **Notify/Respond:**

- Automatic notification of abnormal conditions, with automatic actions based on selected settings, if desired
- Some models have:
 - Emergency Power Off (EPO)
 - Non-degrading patent-pending Series Protection™
 - Auto-shutdown on over/under voltage with automatic recovery

Part #	Form Factor	Max Load	Rated Load	Surge Protection	Sequencing	# of Outlets		Controlled Dry Contacts	Integrated Web Server
						Total	Controlled		
RLNK-MON115-NS	In-Line Module	15A	12A	Basic	No	1	0	0	Yes
RLNK-MON120-NS	In-Line Module	20A	16A	Basic	No	1	0	0	Yes
RLNK-SW215-NS	In-Line Module	15A	12A	Basic	No	2	1	1	Yes
RLNK-SW220-NS	In-Line Module	20A	16A	Basic	No	2	1	1	Yes
RLNK-SW715R	Rackmount	15A	12A	2-Stage	No	7	5	4	Yes
RLNK-SW715R-NS	Rackmount	15A	12A	Basic	No	7	5	5	Yes
RLNK-SW620R	Rackmount	20A	16A	2-Stage	No	6	4	4	Yes
RLNK-SW620R-NS	Rackmount	20A	16A	Basic	No	6	4	5	Yes
RLNK-SW415R-SP	Half-Rack	15A	12A	Series	Yes	4	4	2	Yes
RLNK-SW815R-SP	Rackmount	15A	12A	Series	Yes	8	8	2	Yes
RLNK-SW820R-SP	Rackmount	20A	16A	Series	Yes	8	8	2	Yes

POWER DISTRIBUTION, PROTECTION, UPTIME, AND CONTROL

Uninterruptible Power Supply (UPS) Designed Specifically for Residential Installations



DESIGNED SPECIFICALLY FOR RESIDENTIAL INSTALLATIONS

- Fast 4 millisecond transfer time (¼ cycle) ensures no system disruption or equipment lockup
- Pure Sine Wave technology for the cleanest power for AV
- Individual outlet and Web-Based control with load shedding
- Hot swappable battery for easy service
- Automatic Voltage Regulation ensures a stable 120VAC output
- Line Interactive (vs. Online) with Energy Saver circuitry – silent operation and reduces UPS power consumption up to 75%

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	-	-	-	-	-

LT-GN-WL shown in use



Gooseneck rack lights feature bright, long lasting LEDs.

- Long lasting, bright rack lights allow more rack visibility – 8,800 millicandellas /24 Lumens
- 20,000 hour bulb life for reliability
- Flexible, strong gooseneck lets you direct the light where you need it
- On-off button for instant control
- Rackmount dual gooseneck LED lights provide lighting for easy viewing of components

LT-GN-PNL rackmount dual unit



Part #	Description	Powered By
LT-GN	gooseneck LED light w/USB connector	PDLT-815RVx, PD-915RV-RN, LT-1Rx or any computer w/ standard USB port
LT-GN-PL	gooseneck LED light w/120V adapter	any 120V power outlet, including vertical power strips
LT-GN-PNL	1 rackspace rackmount panel w/dual gooseneck LED lights	includes 120V adapter
LT-GN-WL	magnetic gooseneck LED worklight	includes 32 LED lights

POWER DISTRIBUTION & CONTROL

Series Protection™ power distribution with instantaneous surge elimination.



Surge protection is a critical element in ensuring overall system reliability. While MOV-based surge suppression technology is a proven & cost effective solution for many installations, over time and under the right circumstances the protection provided by poorly designed MOV-based surge protectors can be compromised, or under extreme circumstances fail completely, leaving connected equipment vulnerable to damage. For critical applications, many professional installers and consultants prefer to use or specify non-degrading (series-type) surge technology. Series-type surge suppressors are designed to withstand multiple high voltage surges for the lifetime of the product, and do not leverage any degrading materials in their design.

- Industry's fastest patent-pending non-degrading surge technology protects equipment from damage without contaminating system ground – and features the industry's leading 12 year warranty
- All models 100% MOV-free design – unlike any competitive offering
- Connected devices are automatically disconnected (protected) from sustained over & under input voltage
- Automatic recovery after an over/under voltage event minimizes system downtime (unlike devices that require hard reset after a surge event)

Part #	Circuits	Rated Amperage	Spec Grade Output Type	Illuminated Combo Breaker ON/OFF	Outlets				Protection		
					Total	Rear	Front	Uncontrolled (Switched or Hardwired)	Surge	Overload	Over/Under Voltage Notification LED
PD-915R-SP	1	15A	Duplex on rear, single on front	Rear (with bar)	9	8	1	9	Series Protection	supplementary overload protector	Two LEDs. • Over voltage • Undervoltage • Default=Off
PD-920R-SP	1	20A	Duplex on rear, single on front	Rear (with bar)	9	8	1	9		supplementary overload protector	
PD-415R-SP	1	15A	Duplex – rear only	Side (with bar)	4	4	0	4		supplementary overload protector	
PD-HW15-SP	1	15A	Internal J-Box w/ cover & knockout	N/A	N/A	N/A	N/A	N/A		None	



PDCOOL-1015RA



PDCOOL-1020RK

INTEGRATED POWER & COOLING SOLUTION IN ONE

INTEGRATED RACKMOUNT POWER DISTRIBUTION & COOLING SOLUTION, IN ONE CONVENIENT 1 RACKSPACE PACKAGE

- Blower exhausts 50 CFM while providing high static pressure to maintain airflow
- Ultra quiet operation with a unique space saving design
- Thermal sensing with proportional blower speed
- Multi-stage surge protection with surge status notification
- Multiple models for residential and commercial applications
- Key-lock switch model for additional security



Part #	Racking Height	Description	Amperage	Total # of Outlets	Free Air Rating	Max Sound Level
PDCOOL-1015RA	1-3/4" (1 rackspace)	black brushed and anodized	15A	10	50 CFM	29 dB
PDCOOL-1115R	1-3/4" (1 rackspace)	front convenience outlet, flat black	15A	11	50 CFM	29 dB
PDCOOL-1120R	1-3/4" (1 rackspace)	front convenience outlet, flat black	20A	11	50 CFM	29 dB
PDCOOL-1020RK	1-3/4" (1 rackspace)	front key switch, flat black	20A	10	50 CFM	29 dB

POWER DISTRIBUTION & CONTROL

PDT Strips are now available for every rack system.



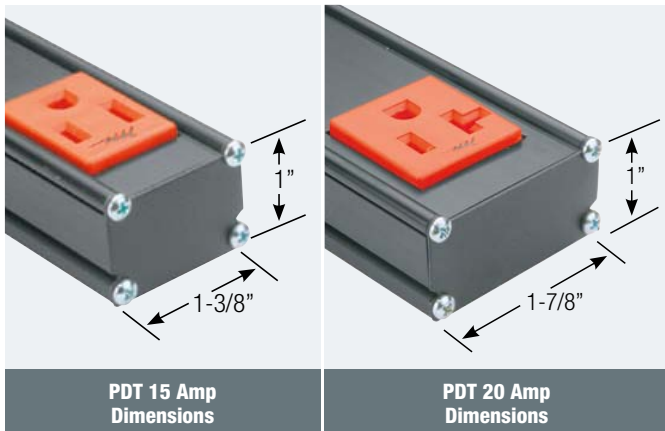
PDT Series Thin Power Strips take up minimal space inside a rack and feature a unique design that allows for isolated ground configurability.

Dual circuit models can be configured to operate as a single circuit and all models are factory assembled for easy installation.



- Small size uses a minimum of space
- Dual circuit models can be field configured to operate as a single circuit
- Unique design allows for isolated ground configurability in the field
- Saves time - ships fully assembled with all needed accessories including cable management clips
- Outlets are spaced to provide enough room for plug-in power supplies
- Top feed models with J-Box on the top of the power strip, available to meet code requirements in select areas
- Easy to order - a single part number includes all needed accessories

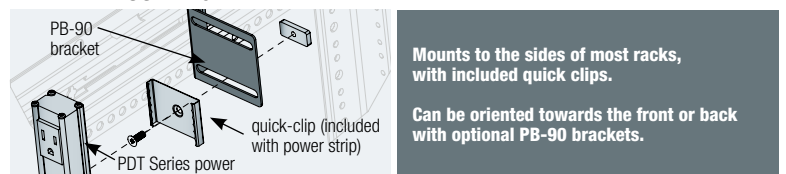
- Mounts easily with provided clips
- 15 Amp models are prewired with 12-gauge wiring and can be attached to a 20 Amp branch circuit
- Surge protected models include LEDs for convenient local status indication, and also have dry contact closure for remote status notification
- Metered models include high visibility red LED display; indicates current to tenths of Amps
- Corded models feature SignalSAFE™ cords to virtually eliminate AC magnetic fields
- NRTL Listed in the US and Canada



STANDARD TERMINATIONS

STANDARD TERMINATIONS			OPTIONAL TERMINATIONS FOR HARDWIRED MODELS
NEMA 5-15R	NEMA 5-20R	NEMA L5-20P	1/2" Flex
15 Amp Models	Most 20 Amp Models	Select 20 Amp Models	Flexible Cable Available on Request

FLEXIBLE MOUNTING



PDT Series enhanced power strip capabilities.



All models include local circuit breaker.

- Surge-protected models include LEDs for convenient local status indication, and also have dry contact closure for remote status notification
- Metered models include high-visibility red LED display; indicates current to tenths of Amps

POWER DISTRIBUTION & CONTROL

The industry's lightest, thinnest, most easily installed power strips can be used on every applicable job.

		Part #	Chassis Style	Chassis Length	Amperage	# of Outlets	Termination	Protection	Fits Racks Coded	Local Meter	Standard Number
Corded	15 Amp	PDT-615C	PDT	30"	15 Amp	6	9' cord	single stage surge, EMI, circuit breaker	E	No	1, 2, 3, 4
		PDT-615C-NS	PDT	30"	15 Amp	6	9' cord	circuit breaker only	E	No	1, 3
		PDT-1015C-RN	PDT	37-3/4"	15 Amp	10	9' cord	2-stage surge w/remote notification & circuit breaker	G	No	1, 2, 3, 4
		PDT-1015C-NS	PDT	37-3/4"	15 Amp	10	9' cord	circuit breaker only	G	No	1, 3
		PDT-1015C-NS20	PDT	37-3/4"	15 Amp	10	20' cord	circuit breaker only	G	No	1, 3
		PDT-1015C-M-NS	PDT	37-3/4"	15 Amp	10	9' cord	circuit breaker only	G	Yes	1, 3
		PDT-1415C	PDT	60"	15 Amp	14	9' cord	single stage surge, EMI, circuit breaker	N	No	1, 2, 3, 4
		PDT-1415C-NS	PDT	60"	15 Amp	14	9' cord	circuit breaker only	N	No	1, 3
		PDT-1615C-NS	PDT	33-1/2"	15 Amp	16	9' cord	circuit breaker only	E	No	1, 3
		PDT-2015C-RN	PDT	72-3/4"	15 Amp	20	9' cord	2-stage surge w/remote notification & circuit breaker	T	No	1, 2, 3, 4
		PDT-2015C-NS	PDT	72-3/4"	15 Amp	20	9' cord	circuit breaker only	T	No	1, 3
		PDT-2015C-M-NS	PDT	72-3/4"	15 Amp	20	9' cord	circuit breaker only	T	Yes	1, 3
20 Amp	PDT-620C-NS	PDT	30"	20 Amp	6	9' cord	circuit breaker only	E	No	1, 3	
	PDT-1020C-NS	PDT	37-3/4"	20 Amp	10	9' cord	circuit breaker only	G	No	1, 3	
	PDT-1220C-NS	PDT	60"	20 Amp	12	9' cord	circuit breaker only	N	No	1, 3	
	PDT-1620C-NS	PDT	33-1/2"	20 Amp	16	9' cord	circuit breaker only	E	No	1, 3	
	PDT-2020C-NS	PDT	72-3/4"	20 Amp	20	9' cord	circuit breaker only	T	No	1, 3	
	PDT-2020C-RN	PDT	72-3/4"	20 Amp	20	9' cord	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	9' cord	circuit breaker only	T	Yes	1, 3	
	PDT-2020TL-NS	PDT	72-3/4"	20 Amp	20	9' cord, twistlock plug	circuit breaker only	T	No	1, 3	
	PDT-2020TL-M-NS	PDT	72-3/4"	20 Amp	20	9' cord, twistlock plug	circuit breaker only	T	Yes	1, 3	

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

		Part #	Chassis Style	Circuits	# of Outlets	Chassis Length	Termination	Wire Gauge	Isolated (Technical) Ground	Fits Racks Coded	Standard Number
Hardwired	15 Amp	PDT-2X615S	PDT	(2) 15A	12	30"	J-Box	12	Field Configurable	E	1, 2
		PDT-2X815	PDT	(2) 15A	16	60"	J-Box	12	Field Configurable	N	1, 2
		PDT-2X1015	PDT	(2) 15A	20	72-3/4"	J-Box	12	Field Configurable	P	1, 2
		PDT-2X1015T	PDT	(2) 15A	20	72-3/4"	J-Box	12	Field Configurable	P	1, 2
	20 Amp	PDT-2X320	PDT	(2) 20A	6	30"	J-Box	12	Field Configurable	E	1, 2
		PDT-2X520	PDT	(2) 20A	10	44"	J-Box	12	Field Configurable	J	1, 2
		PDT-2X820	PDT	(2) 20A	16	60"	J-Box	12	Field Configurable	N	1, 2
		PDT-2X1020	PDT	(2) 20A	20	72-3/4"	J-Box	12	Field Configurable	P	1, 2
		PDT-2X1020T	PDT	(2) 20A	20	72-3/4"	J-Box	12	Field Configurable	P	1, 2

1/2" Flex Cable available on request (1'-10' length)

1. Conforms to UL Standard 5

2. Certified to CSA Standard C22.2 No. 62

The chart below helps to explain the different features of the PDT Series Power strip.

Suffix	Description
RN	2-stage surge protection & remote notification
NS	Does not include surge protection
NS20	Does not include surge protection; Includes 20' SignalSAFE™ power cord
M	Metered

Suffix	Description
T	J-Box is located at the top, instead of the bottom, of the power strip
NS	Does not include surge protection
No suffix	Strip is hardwired (J-Box)

POWER DISTRIBUTION & CONTROL

Dry local contact controlled power, ideal for simple rebooting of components or providing an easy user power-down capability.



PDC-915R-2 (2 controlled outlets)

PDC-915R-6 (6 controlled outlets)

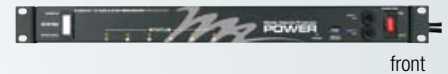
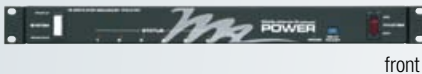


This simple, cost effective approach means that you can use an existing control system, or even a simple remote switch, to control system or component power. Ideal for rebooting components or providing an easy user power-down capability.

- 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

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



PDS-615R

PDS-620R

PDS-2X315R

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

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

POWER DISTRIBUTION & CONTROL

Multi-Mount™ Rackmount Power - the versatile mounting options, compact form factor and high outlet density let installers put outlets wherever they need them.



PD-2015R-HH-NS

PD-2015R-NS



Multi-Mount Rackmount Power



PD-1815R-RN

front

rear

2-stages of surge protection with notification



Multi-Mount with Surge Protection & Notification

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

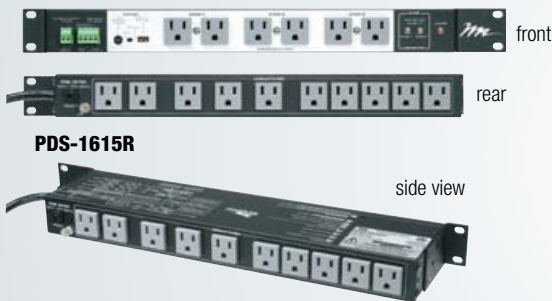
Surge protected models also feature:

- 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"	—

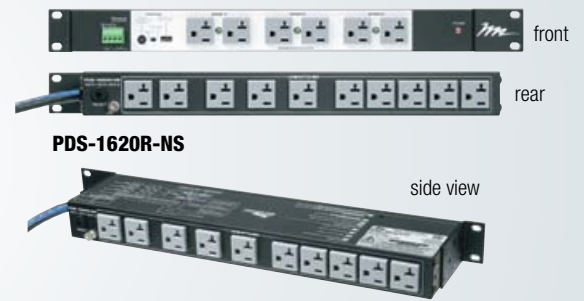
Multi-Mount™ 3-Step Sequencing

Custom times available - call for details.



PDS-1615R

side view



PDS-1620R-NS

side view

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

EXACT POWER™ POWER PROTECTION AND DISTRIBUTION

Award-winning professional power solutions from Exact Power™ are available through Middle Atlantic Products

Now you can include end-to-end power solutions that provide superior levels of protection, isolation, and control for your installations. These products from Exact Power™ can only be ordered by select authorized Middle Atlantic dealers.

If you want to become an authorized dealer for these Exact Power products, or if you need help choosing the best solution for your project, contact our customer support team for assistance.

EXACTPOWER®



PowerCore™ with Integrated UPS



shown with 2 UPS systems and 3 expansion battery backs for extended run time



as shown: 25kVA with integrated surge and spike protection

REVOLUTIONARY POWER FOR TODAY'S POWER-HUNGRY AV INSTALLATIONS

The PowerCore™ Isolation Transformer System from Exact Power is the heart of the Power Integrity System™, an end-to-end solution for residential AV power installations. This 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"

Don't see the combination you need? Contact us for assistance.

POWERCORE™ ISOLATION TRANSFORMER SYSTEM

PowerCore isolation transformer systems from Exact Power provide protected, same-phase, isolated, and conditioned 120VAC circuits to power residential AV Systems.

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

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



Energy efficient and featuring GroundSense™ technology, the newly added 5kVA models install directly into equipment racks and provide unique integrated benefits that are not found in any other power isolation product. Benefits include safety ground monitoring, hardwired 'remote' branch circuit extensions, load current metering, control system integration and load sequencing.

- Provides a new neutral-ground bond and newly derived AV reference ground
- Six 20A Isolated Ground Branch Circuits; one circuit can be hardwired, extending the AV reference ground and providing noise immunity to remotely located equipment
- Ultra-fast 100,000A 2-Stage Surge and Spike Protection with dry contact status notification protects connected devices from damage due to power line surges and spikes
- Integrated Adjustable-Delay Power Sequencing provides system control and protection
- Input Voltage Monitoring with auto-disconnect protects equipment from damage caused by sustained over/under voltage conditions. Auto-recovery ensures minimum system downtime
- Safety Ground Current Monitoring with automatic shutdown ensures system integrity and helps provide life safety protection
- Equipment Ground Leakage Monitoring alerts system to potential problems that may lead to AV system noise
- Dry-contact System Status Notification allows tight integration with control systems and enables a rapid response
- Re-boot Equipment & Initiate Power Sequencing remotely through dry contact control
- Integrated Power Line Conditioning filters out high frequency power line noise across all branch circuits
- All Circuits are on the Same Phase, which further reduces system noise through the elimination of the additive effects of cross-phase currents
- Connect Control Systems to dedicated un-switched outlets (always on)



Rackmount PowerCore
(EP-CORE-5R-240 model shown installed)

PATENTS PENDING

Part #	Capacity	Input Voltage	Surge Protected	Sequencing	Remote Branch Circuit Extension	Safety Ground Monitoring	Ground Sense 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

COOLING SOLUTIONS

Maintaining the temperature of residential AV Systems is critical to the proper functioning and survival of the circuits operating within them.

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

FAN TRAY SYSTEM

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

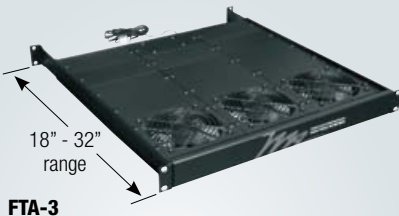
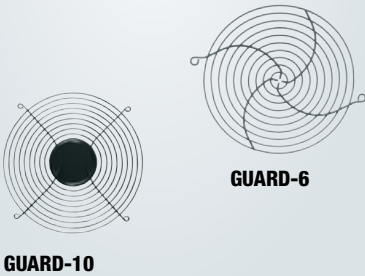


Image courtesy of Peter Shipp

COOLING SOLUTIONS

Designer inspired ultra quiet fan panels are the perfect thermal management solution for media rooms, screening rooms, and other areas where people and electronics coexist.



UQFP-4RA



UQFP-4RA-I/O



UQFP-4DRA



UQFP-4RIS

intake unit can be added to existing UQFP installations

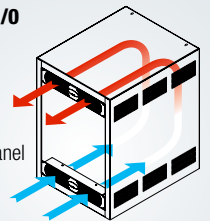
DESIGNER INSPIRED ULTRA QUIET FAN PANELS

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 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
- Intake/exhaust two panel system helps improve cooling air flow in densely populated racks

UQFP-4RA-I/O

set includes (1) intake and (1) exhaust panel



two panel system provides greater static pressure, to allow better air flow in crowded rack systems

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



UQFP-4RT

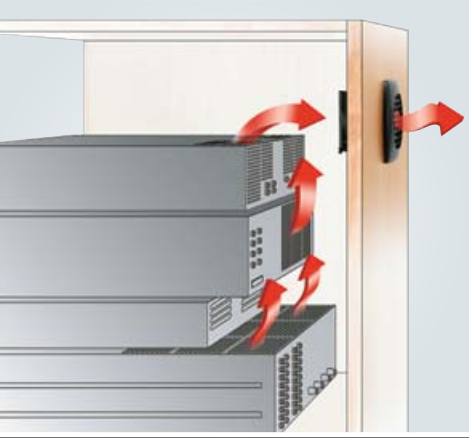
ECONOMICAL QUIET FAN PANELS

- 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

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)

QUIET-COOL™ SERIES PRODUCTS

The Quiet-Cool Series™ was designed to provide effective thermal management for a variety of installation environments.



CABINET COOLER

Cabinet cooler removes heat generated by components located in smaller cabinets, 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

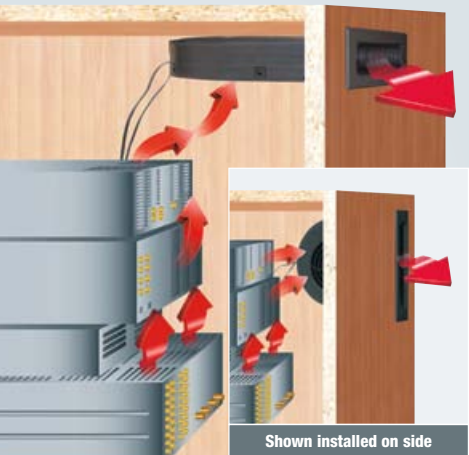
**international versions available

includes in-line thermostatic controller



CAB-COOL

includes power supply



50 CFM Cabinet Cooler

The 50 CFM cabinet cooler is a powerful and quiet way to remove heat from credenzas, lecterns, and entertainment centers. This is the first and only 50 CFM blower-style cabinet cooler on the market. The purpose-designed blower provides high static pressure to overcome flow restrictions. With a low profile design, the cabinet cooler is only 2" thick. The 50 CFM cabinet cooler has intelligent proportional speed controller which runs only when needed. It is also quiet even at full speed, having only a low 29 dB max sound level.

120V Part #**	Description	Free Air Rating	Max Sound Level
CAB-COOL50	cabinet cool system	50 CFM	24 dB

**international versions available



CAB-COOL50

includes power supply



Shown installed on side



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.



CLS-COOL1



CLS-COOL2



120V 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

QUIET-COOL™ SERIES PRODUCTS

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
- Turns on automatically when needed
- Should be placed directly on top of vents of heat generating equipment
- Available for systems that require multiple components to be cooled

120V Part #**	Description	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

*36" length between connectors **international versions available



50 CFM Component Cooler

Powerful & quiet way to remove heat from system components on open shelving or in racks

- High 50 CFM maximum flow rate to meet demanding requirements
- Blower design provides high static pressure to overcome flow restrictions
- Designed to pull hot air up out of a component and direct it where desired

COMP-COOL50



Stand-Alone Version

- Ideal for cooling one component
- Sits directly on top-vented equipment
- Pulls hot air out of vent and directs it where desired

COMP-COOL50P



Platform Version

- Ideal for cooling stacked components
- Sits directly on top of a hot component, supporting additional components
- 17" by 14" platform can be oriented with long or short face forward

120V Part #**	Description	Free Air Rating	Max Sound Level
COMP-COOL50	stand-alone component cooler	50 CFM	29 dB
COMP-COOL50P	platform component cooler	50 CFM	29 dB

**international versions available



COMP-COOL50



COMP-COOL50P

QUIET BLOWER PANEL

The QBP-2 is quieter, yet puts out 100 CFM, more than any other 1 space fan panel.

This unit uses a pair of custom-designed blowers, in a single rackspace.

- For smaller rack systems & credenzas where space is at a premium & quiet operation is a must
- Quiet even at full speed; proportional speed assures the quietest operation possible
- Low power consumption; blower only runs as needed and spins as fast as required by the heat load presented
- Proprietary blowers provide high static pressure to maintain airflow even in crowded racks. Superior to axial fans for maintaining airflow in restricted conditions
- Attractive appearance complements finished rack appearance



120V Part #**	Racking Height	Finish	Free Air Rating	Max Sound Level
QBP-2	1-3/4" (1 rackspace)	flat black	100 CFM	32 dB
QBP-2A	1-3/4" (1 rackspace)	black anodized	100 CFM	32 dB

**international versions available



QUIET-COOL™ SERIES PRODUCTS

The Duct Cool System™ removes heated air from enclosed areas to extend equipment life and to increase reliability.



DUCT COOL SYSTEM™

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

ADDITIONAL COOLING SOLUTIONS

INTEGRATED POWER & COOLING SOLUTION IN ONE



INTEGRATED RACKMOUNT POWER DISTRIBUTION AND COOLING SOLUTION, IN ONE CONVENIENT 1RU PACKAGE

- Blower exhausts 50 CFM while providing high static pressure to maintain airflow
- Ultra quiet operation with a unique space saving design
- Thermal sensing with proportional blower speed
- Multi-stage surge protection with surge status notification
- Multiple models for residential and commercial applications
- Key-lock switch model for additional security

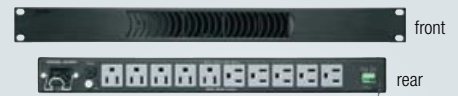


shows bottom view of blower



PDCOOL-1015RA

Part #	Racking Height	Description	Amperage	Total # of Outlets	Free Air Rating	Max Sound Level
PDCOOL-1015RA	1-3/4" (1 rackspace)	black brushed and anodized	15A	10	50 CFM	29 dB
PDCOOL-1115R	1-3/4" (1 rackspace)	front convenience outlet, flat black	15A	11	50 CFM	29 dB
PDCOOL-1120R	1-3/4" (1 rackspace)	front convenience outlet, flat black	20A	11	50 CFM	29 dB
PDCOOL-1020RK	1-3/4" (1 rackspace)	front key switch, flat black	20A	10	50 CFM	29 dB



PDCOOL-1015RA



PDCOOL-1115R



PDCOOL-1120R



PDCOOL-1020RK

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.

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



MW-4QFT-FC

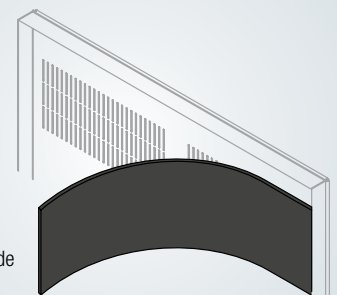


ERK-4QFT-FC

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.

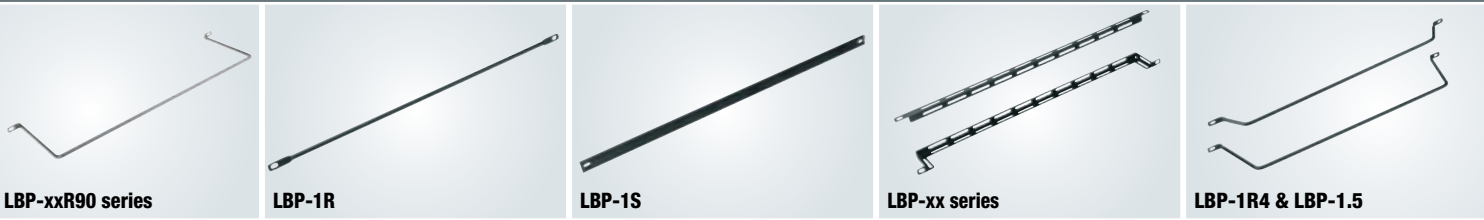
Please visit www.middleatlantic.com/rackac/cooling/cooling.htm for additional information.



Vent Blockers
mount to the inside of enclosures to block airflow

CABLE MANAGEMENT SOLUTIONS

Superior cable management products facilitate the placement and maintain the organization of multiple cables.



HORIZONTAL LACER BARS

Most enclosures are furnished with a set of rear rackrail that can be used to mount horizontal lacer bars at any height position. These lacer bars will address two common problems that occur: cable strain relief and running cables from one side of the rack to the other. Many different lacer bar styles are available for different applications, including round, flat, and 'L' shaped with cable tie slots. Offsets range from 0 to 10". For many other cable management accessories available see main catalog.

Part #	Style	Pre-Pack Qty	Part #	Style	Pre-Pack Qty	Part #	Style	Pre-Pack Qty
LBP-1.5R90	90°, 1.5" offset round rod	10	LBP-1S	rectangular bar	10	LBP-4A	"L" bar, 4" offset	10
LBP-4R90	90°, 4" offset round rod	10	LBP-1.5	1.5" offset round rod	10	LBP-6A	"L" bar, 6" offset	10
LBP-6R90	90°, 6" offset round rod	10	LBP-1R4	4" offset round rod	10	LBP-1A-23	"L" bar, 23" width	10
LBP-10R90	90°, 10" offset round rod	10	LBP-1A	"L" bar	10	LBP-LTF	2 space lacer panel	10
LBP-1R	round rod	10	LBP-2A	"L" bar, 2" offset	10	UP1P	1 space lacer panel	10



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 #	Description	Part #	Description	Part #	Description
LACE-44-OWP*	4-3/4" width, 44 space w/ tie posts	LACE-37-OP*	3-1/4" width, 37 space w/ tie posts	LACE-13P*	2" width, 13 space, 1/8" thick w/ round holes
LACE-40-OWP*	4-3/4" width, 40 space w/ tie posts	LACE-23-OP*	3-1/4" width, 23 space w/ tie posts	LACE-44-1SP	1" width, 44 space w/10 pre-installed tie saddles
LACE-37-OWP*	4-3/4" width, 37 space w/ tie posts	LACE-13-OP*	3-1/4" width, 13 space w/ tie posts	LACE-37-1SP	1" width, 37 space w/9 pre-installed tie saddles
LACE-23-OWP*	4-3/4" width, 23 space w/ tie posts	LACE-44LP	3-1/2" width, 44 space w/ raised lances	LACE-44-1P*	1" width, 44 space tapped for tie saddles
LACE-13-OWP*	4-3/4" width, 13 space w/ tie posts	LACE-37LP	3-1/2" width, 37 space w/ raised lances	LACE-37-1P*	1" width, 37 space tapped for tie saddles
LACE-44-OP*	3-1/4" width, 44 space w/ tie posts	LACE-P*	2" width, 45 space, 1/8" thick w/ round holes		
LACE-40-OP*	3-1/4" width, 40 space w/ tie posts	LACE-37P*	2" width, 37 space, 1/8" thick w/ round holes		

* Note: Also accepts mounting of PD Slim & PDT Series vertical power

Cable Management Enclosures are available to manage all signal distribution requirements. Perfect for mounting in closets, basements and equipment rooms. Please visit www.middleatlantic.com for additional information.



RACKMOUNT MEDIA SHELVES

Middle Atlantic's media shelves are the convenient method for rackmounting portable media players and docks.



Installation by Intra Home Systems



RSH4A4-MS
custom made for 2 Crestron® docks*



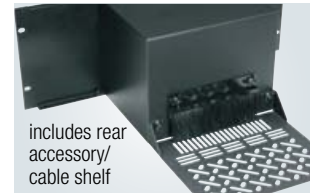
RSH4A4-MS
custom made for Savant® Rosie dock*

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
- Visit custom rackshelf search at middleatlantic.com for ordering information

Part #	Racking Height	Finish
RSH4A4-MS	7" (4 space)	black brushed & anodized
RSH4S4-MS	7" (4 space)	black textured



includes rear accessory/cable shelf



SH-DMP-S shown with MP3 player and satellite radio receiver*



SH-DMP-A digital media player shelf shown with game controllers*

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

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

*docks and devices not included

ACCESSORIES

Complete the system using these accessories.



RACK PANELS

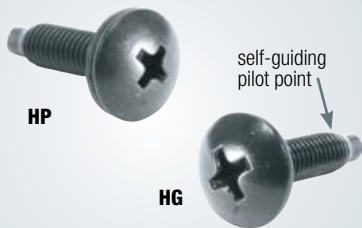
Use blank panels to fill unused spaces; use vent and fan panels to promote air flow. Available in many sizes and finishes, for additional blank, vent, and fan panels visit our website www.middleatlantic.com/rackac/main.htm



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.

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"



RACK SCREWS

Rack screws include pre-installed washers at no extra charge.



Part #	Head	Description	Qty
HP	truss-head	standard finish fits under trim strips	100 pc.
HG	truss-head	salt spray resistant, black gloss	100 pc.
HP500	truss-head	reuseable jar	500 pc.



HEAVY DUTY D & 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 for black anodized and textured models. 2, 3 and 4 space models include drawer mat and rear cable grommet at no extra charge!

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 file hanging kit and installed keylock (8-1/2" x 11" letter size).



TRIM STRIPS

Trim strips hide unsightly screws for a professional aesthetic complement to any installation.

Available in black anodized (TA) and textured (TS) finish.

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)



ENHANCED RACK RULER

- Tape measure incremented in both rackspaces & inches
- 16 ft. long, 1" wide Mylar-coated blade
- Rugged non-slip case with thumb lock and stop w/ belt clip
- Rear of blade has info such as audio tables, charts and pinouts as well as data tables, bend radius, and wiring info

ACCESSORIES

Complete the system using these accessories.



RM-LCD-PNLV
fixed open panel style



RM-LCD-PNLK
tilt open panel style



RM-LCD-MT
articulating enclosed backpan style (monitor not included)

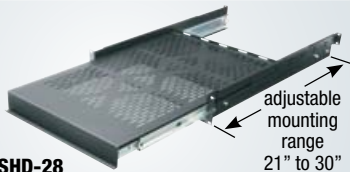
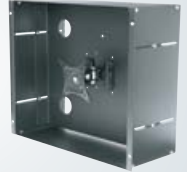
LCD RACKMOUNT Your choice of five mounting styles

- 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
- For more information visit www.middleatlantic.com



RM-LCD-MV
fixed enclosed backpan style

RM-LCD-MK
tilt enclosed backpan style



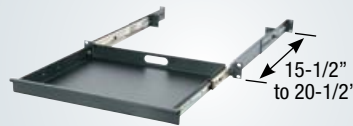
SSH-28

adjustable mounting range 21" to 30"

HEAVY-DUTY SLIDING SHELF

- Deep full extension lockout shelf allows for easy maintenance of your components right on the shelf
- Durable black finish
- Heavy-duty version, 2 rackspace

Part #	Description
SSH-28	28" deep, 200 lb. capacity, 2 rackspace



UD1

adjustable mounting range 15-1/2" to 20-1/2"

UD1 UTILITY DRAWER

- Smaller 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

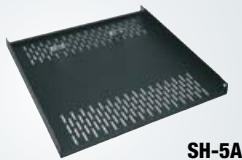
Part #	Description	Useable Surface
UD1	1-3/4" (1 sp.) utility drawer	13-3/8"

VRS VERTICAL RACKMOUNT SHELF

- Space-saving rackmount shelf holds up to 7 satellite or cable boxes vertically
- Universal fit accommodates most popular box sizes
- Saves time, trouble & space – by removing need for individual shelves



Part #	Description
VRS	vertical rackmount system



SH-5A

SH SERIES ZERO SPACE RACKSHELVES

- These 4 point mount shelves have been purpose designed to fit in Slim 5 and AXS equipment racks, and feature full-depth front and rear rackmounting to provide a secure shelf for non-rackmount components
- See main catalog for models to fit SRSR & WR Series racks

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-5A, SH-5A-26 does not mount in the top or bottom 2 rackspaces, or where rackrail brackets are located.



VSA-1626

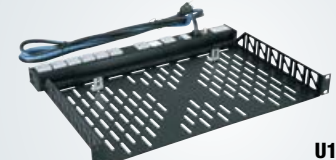
adjustable 16" to 26"

TELESCOPING FULL DEPTH HEAVY DUTY RACKSHELF

- Most versatile, heavy duty shelf available
- Telescopes to reach rear rail, providing a range of useable depths from 16" to 44"
- Constructed of hemmed 16-gauge steel
- Finished in durable black powder coat
- 500 lb. weight capacity

Part #	Racking Height	Overall Depth	Weight Capacity
VSA-1626	1-1/2" (<1 space)	17.25"w x 16" (min.) to 26" (max) d	500 lbs.
VSA-2744	1-1/2" (<1 space)	17.25"w x 27" (min.) to 44" (max) d	500 lbs.

Easy to mount design requires less open rackspace to install other than 4-point shelves



U1V

FULLY VENTED UTILITY SHELVES

- Fully ventilated bottom and side areas for maximizing heat dissipation
- Includes 3 adjustable brackets to prevent components from sliding backwards
- Optional PD-815SC-PBSH (15 Amp, 8 outlet surge protected power strip) attaches easily to the rear of the shelf
- Optional clamping bars can be used to secure component
- UxV-4 contractor packs also available

Part #	Racking Height	Overall Depth*	Useable Depth	Weight Capacity
U1V	1-3/4" (1 space)	10-3/4"	10-3/8"	35 lbs.
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

INSTALLATION HELPERS

Unique accessories for solving common problems.



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



1/2 AND 1/3 SPACE BLANK PANELS

Now you have a solution for non-full space items. These panels complete the finished, professional appearance while ensuring correct thermal management performance by blocking unwanted air entry. Comes in your choice of steel or aluminum.

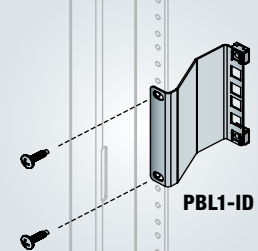
Steel, Flat Black Part #	Aluminum, Black Brushed & Anodized Part #	Racking Height
EB1/2	BL1/2	0.875" (1/2 sp.)
EB1/3	BL1/3	0.583" (1/3 sp.)



BLANK PANEL WITH RACK LABEL HOLDER

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)



RACKRAIL RECESSOR

Allows room for cable bundles and handles. Enables installer to recess equipment 3 inches behind rack rail.

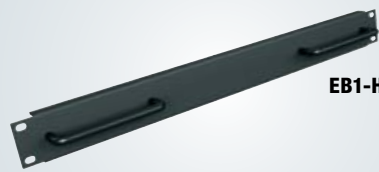
Part #	Description
RR2-3RCN	2 space/ 3" deep, rackrail recessor



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)



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, and 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



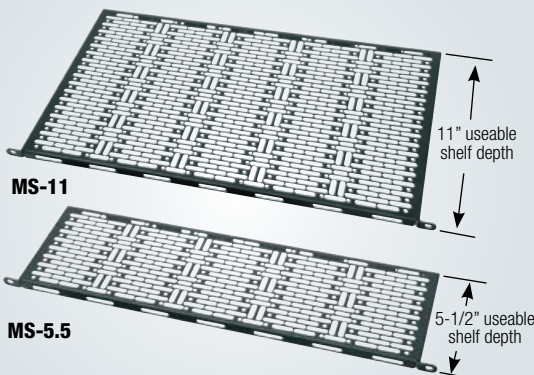
RACK SACK™ EQUIPMENT PROTECTION COVER

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.

RS-6036

Part #	Dimensions
RS-6036	60"h x 25"w x 36"d
RS-8436	84"h x 25"w x 36"d

Custom logos available. Please call for details.



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.

INSTALLATION HELPERS

Unique accessories for solving common problems.

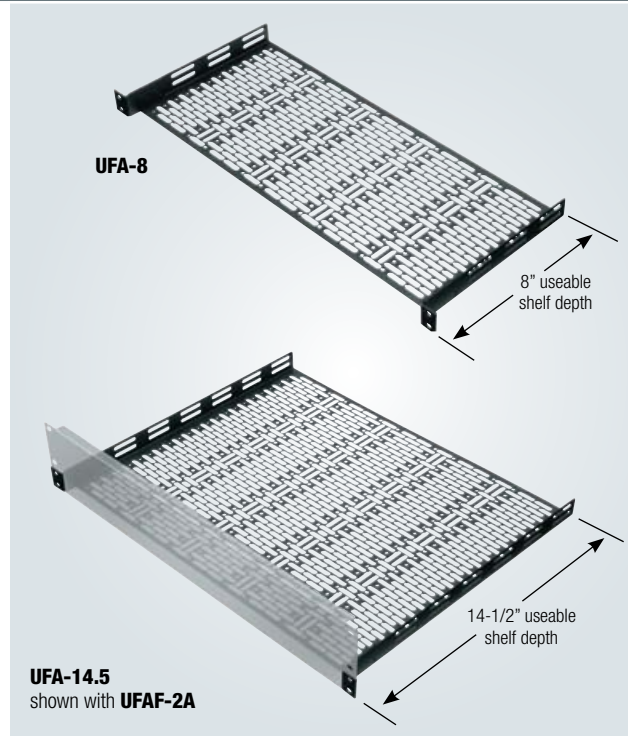
UFA SHELVES AND UFAF FACE PANELS

“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



MIDDLE ATLANTIC SERVICE AND PRODUCTS

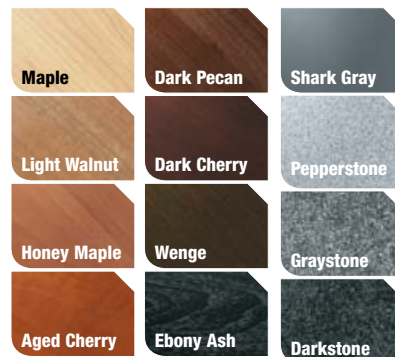


OFFERS MANY DESIGN CHOICES FOR AESTHETIC UPGRADES

The Thermolaminating process allows contours and surface features to be added to sides, tops, work surfaces and doors for more pleasing aesthetics.

Benefits include:

- Rapid turn-around
- Attractive choices in many finishes
- Multi-axis contours
- Raised or sunken panel patterns to match existing rooms
- No sharp corners or edges
- Custom widths, depths, heights



TECHNICAL SUPPORT HOTLINE

For technical support please contact our Technical Support Hotline at **800-266-7225**.

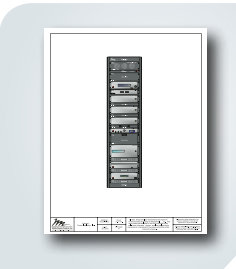
Our expert team is ready to assist you with Rack and Enclosure, Thermal, Power, and Cable Management questions.



RACKTOOLS® SPECIFICATION SOFTWARE

Free layout and specification package for all Rack products. Creates elevations, side, rear and plan view drawings, and also creates Quotes and Purchase Orders. Exports to AutoCAD® and Microsoft Visio®.

Free download from racktools.com



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, on the Resources>>TECH DOCS PAGE.



Middle Atlantic Products, Inc. manufactures exceptional support and protection products to mount integrated systems in Residential 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.

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.

We are proud to hold both ISO 9001 and ISO 14001 registration for our quality management system in all our US facilities. 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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