

INTERNATIONAL master catalog



racks & enclosures | essex | technical furniture | power | accessories

what **great systems** are built on.™

**MA**  
Middle Atlantic Products

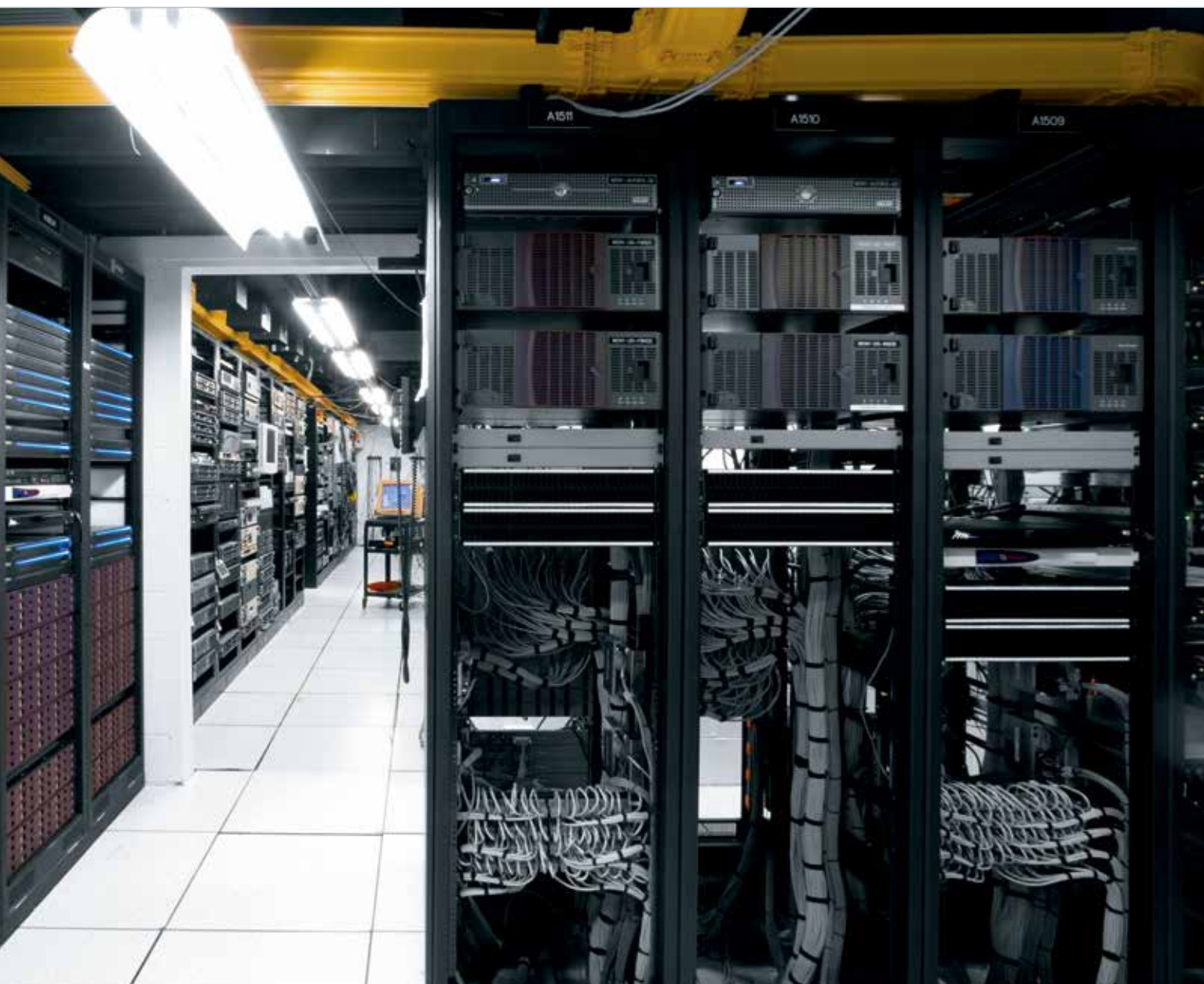
A brand of **legrand**



what great systems  
are built on.™

Middle Atlantic Products, a Group Brand Legrand® has manufactured exceptional support & protection products to mount integrated AV systems in Residential, Commercial, Broadcast and Security applications since 1979.

All of our products are designed and engineered in the US to maximize system reliability and to meet the needs of installers; from thermal considerations and built-in cable management, to pre-installed



washers on our rack screws, we build in ways to save time and simplify the job.

At the heart of every installation, you'll find Middle Atlantic Products - what great systems are built on.

A brand of **legrand**



# customer first philosophy

Our philosophy began as, and will always be, Customers First. Middle Atlantic's customer service team, technical support group & custom division are fully dedicated resources to ensure that we provide the right product and solution at the right time to meet our customers' needs.

Our 425,000 square foot headquarters is equipped with manufacturing capabilities such as laser-fabrication cells which produce smooth edges



that are friendly to both cables and contractors, automated forming lines, robots and high-speed turret presses that provide quick throughput.

It's these resources that allowed us to revolutionize the industry by stocking products nationwide to be ready on a moments notice.

We've developed the broadest and deepest product lines in the industry – maximizing our customers'

options, helping them consolidate vendors all while staying close to our core offering and expertise to ensure a value added experience.



Photo courtesy of Peter Shipp

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## essex by Middle Atlantic



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racks and enclosures



essex by Middle Atlantic



technical furniture



power



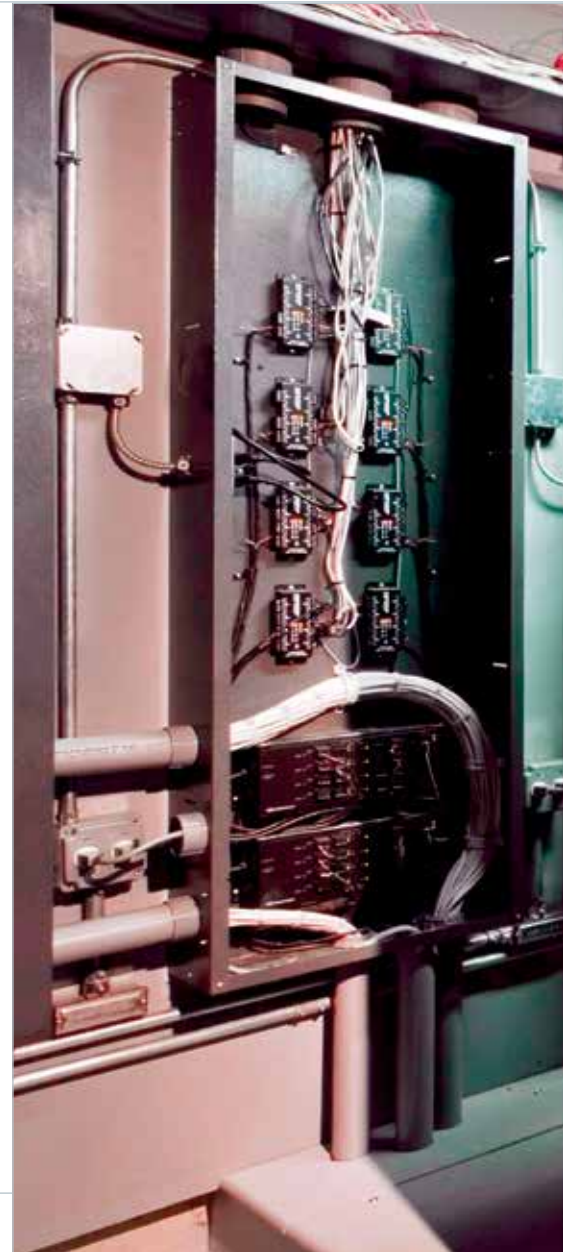
accessories



resources



Photo courtesy of Peter Shipp.



# racks and enclosures

Racks and enclosures form the primary structure of an installation, and provide the “frame” to support electronic equipment, power, cooling and cable management.

Middle Atlantic offers the broadest and deepest range of rack solutions in the industry to meet the needs of almost any application and maximize your options. Explore the products in the following pages or visit [middleatlantic.com](http://middleatlantic.com) to find the perfect solution for you.





# gangable floor-standing enclosures

Gangable racks are designed for larger installations where more than one rack is needed. Normally, they are floor-standing and feature large openings on the sides as well as front and back, and have holes or pre-installed nuts that allow the racks to be bolted together side-to-side.

(Some installers also prefer them for single-rack jobs because the open sides provide unrestricted access during installation.)



Attaching the racks firmly together provides strength, stability, and allows cabling to pass between racks. Side panel sets are available to cover the sides once the installation is complete; one set of side panels will close off an entire row of gangable racks.

Most floor-standing gangable racks range in capacity from 19 to 44 or 45 spaces, with the Extra Tall VMRK having up to 54 spaces.

Solutions are also available to close off one or more sides in the middle of a row of gangable racks – perfect for blocking airflow from one rack to the next.

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## highest level of integration flexibility



The **BGR Series** innovative rack delivers the highest level of integration flexibility and space efficiency.

- Designed to accommodate evolving AV systems
- Breakthrough design provides high strength without extra weight
- Wide open top and bottom offer many cabling and cooling options
- Standard front and rear adjustable 10-32 threaded rackrail with numbered spaces
- Includes standard vented rear door that accepts optional fans (except LRD models)
- Accepts Lever Lock™ system tool free cable management accessories, see pg. 206
- Accepts extender bay to add 76mm of useable depth to the front or rear at any time
- Accepts brush grommet rear door kit for a large cable passage without fishing

### Certifications

- Seismic Certification
- UL/ETL Listed
- RoHS
- GREENGUARD

### Market Solutions



Broadcast



Commercial  
AV



Residential  
AV



Security



Structured  
Cabling



Education



International  
Fan Available

### Power Solutions



100VAC – 2240VAC | 50/60Hz Compatible



BGR-4532



## Product Information

| Part #   | Racking Height    | Overall Height | Overall Depth | Useable Depth | Side Panels | Add'l 10/32 Threaded Rackrail (Pair) | Accent Trim (Silver)* |
|----------|-------------------|----------------|---------------|---------------|-------------|--------------------------------------|-----------------------|
| BGR-1927 | 845mm (19 space)  | 949mm          | 686mm         | 619mm         | BSPN-19-27  | BGR-RR19                             | BGR-TRIM19            |
| BGR-2527 | 1111mm (25 space) | 1216mm         | 686mm         | 619mm         | BSPN-25-27  | BGR-RR25                             | BGR-TRIM25            |
| BGR-2532 | 1111mm (25 space) | 1216mm         | 813mm         | 746mm         | BSPN-25-32  | BGR-RR25                             | BGR-TRIM25            |
| BGR-3827 | 1689mm (38 space) | 1794mm         | 686mm         | 619mm         | BSPN-38-27  | BGR-RR38                             | BGR-TRIM38            |
| BGR-3832 | 1689mm (38 space) | 1794mm         | 813mm         | 746mm         | BSPN-38-32  | BGR-RR38                             | BGR-TRIM38            |
| BGR-4127 | 1822mm (41 space) | 1927mm         | 686mm         | 619mm         | BSPN-41-27  | BGR-RR41                             | BGR-TRIM41            |
| BGR-4132 | 1822mm (41 space) | 1927mm         | 813mm         | 746mm         | BSPN-41-32  | BGR-RR41                             | BGR-TRIM41            |
| BGR-4138 | 1822mm (41 space) | 1927mm         | 965mm         | 899mm         | BSPN-41-38  | BGR-RR41                             | BGR-TRIM41            |
| BGR-4527 | 2000mm (45 space) | 2105mm         | 686mm         | 619mm         | BSPN-45-27  | BGR-RR45                             | BGR-TRIM45            |
| BGR-4532 | 2000mm (45 space) | 2105mm         | 813mm         | 746mm         | BSPN-45-32  | BGR-RR45                             | BGR-TRIM45            |
| BGR-4538 | 2000mm (45 space) | 2105mm         | 965mm         | 899mm         | BSPN-45-38  | BGR-RR45                             | BGR-TRIM45            |

\*available without rear door, suffix part # 'LRD' \*accent trim also available in black, suffix part # 'B'

## Options

Please refer to the enclosure options section on pgs. 44-50 or visit our website for more info.

| Fits<br>Part # | Front Doors |         |         |                       |                      | Rear Doors                 | Solid<br>Top | Top Rail<br>Reducer | Vented<br>Top | Fan Tops        |                |                                   |                                  |
|----------------|-------------|---------|---------|-----------------------|----------------------|----------------------------|--------------|---------------------|---------------|-----------------|----------------|-----------------------------------|----------------------------------|
|                | Solid       | Plexi   | Vented  | Curved Door<br>Vented | Curved<br>Door Plexi | Cable Entry<br>Rear Door** |              |                     |               | 15,63m³/<br>min | 7,82m³/<br>min | 15,63m³/min<br>with<br>Controller | 7,82m³/min<br>with<br>Controller |
| 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                  | —            | —                   | —             | —               | —              | —                                 | —                                |
| BGR-3827       | BFD-38      | BPFD-38 | BVFD-38 | VFD-38A               | PFD-38A              | BGR-RDC38                  | BGR-STP9     | BGR-TRR9            | BGR-LVT9      | IBGR-552FT      | IBGR-276FT     | IBGR-552FT-FC                     | IBGR-276FT-FC                    |
| BGR-3832       | BFD-38      | BPFD-38 | BVFD-38 | VFD-38A               | PFD-38A              | BGR-RDC38                  | BGR-STP9     | BGR-TRR9            | BGR-LVT9      | IBGR-552FT      | IBGR-276FT     | IBGR-552FT-FC                     | IBGR-276FT-FC                    |
| BGR-4127       | BFD-41      | BPFD-41 | BVFD-41 | VFD-41A               | PFD-41A              | BGR-RDC41                  | BGR-STP9     | BGR-TRR9            | BGR-LVT9      | IBGR-552FT      | IBGR-276FT     | IBGR-552FT-FC                     | IBGR-276FT-FC                    |
| BGR-4132       | BFD-41      | BPFD-41 | BVFD-41 | VFD-41A               | PFD-41A              | BGR-RDC41                  | BGR-STP9     | BGR-TRR9            | BGR-LVT9      | IBGR-552FT      | IBGR-276FT     | IBGR-552FT-FC                     | IBGR-276FT-FC                    |
| BGR-4138       | BFD-41      | BPFD-41 | BVFD-41 | VFD-41A               | PFD-41A              | BGR-RDC41                  | BGR-STP9     | BGR-TRR9            | BGR-LVT9      | IBGR-552FT      | IBGR-276FT     | IBGR-552FT-FC                     | IBGR-276FT-FC                    |
| BGR-4527       | BFD-45      | BPFD-45 | BVFD-45 | VFD-45A               | PFD-45A              | BGR-RDC45                  | BGR-STP9     | BGR-TRR9            | BGR-LVT9      | IBGR-552FT      | IBGR-276FT     | IBGR-552FT-FC                     | IBGR-276FT-FC                    |
| BGR-4532       | BFD-45      | BPFD-45 | BVFD-45 | VFD-45A               | PFD-45A              | BGR-RDC45                  | BGR-STP9     | BGR-TRR9            | BGR-LVT9      | IBGR-552FT      | IBGR-276FT     | IBGR-552FT-FC                     | IBGR-276FT-FC                    |
| BGR-4538       | BFD-45      | BPFD-45 | BVFD-45 | VFD-45A               | PFD-45A              | BGR-RDC45                  | BGR-STP9     | BGR-TRR9            | BGR-LVT9      | IBGR-552FT      | IBGR-276FT     | IBGR-552FT-FC                     | IBGR-276FT-FC                    |

\*\*Order with part # 'LRD'

| Front Trim Kit Part # (Silver) | Front Trim Kit Part # (Black) | Fits               |
|--------------------------------|-------------------------------|--------------------|
| BGR-TRIM19                     | BGR-TRIM19B                   | BGR 19 space racks |
| BGR-TRIM25                     | BGR-TRIM25B                   | BGR 25 space racks |
| BGR-TRIM38                     | BGR-TRIM38B                   | BGR 38 space racks |
| BGR-TRIM41                     | BGR-TRIM41B                   | BGR 41 space racks |
| BGR-TRIM45                     | BGR-TRIM45B                   | BGR 45 space racks |

| Part#       | Cable Chase                                                    |
|-------------|----------------------------------------------------------------|
| BGR-CC-45FB | BGR front & back cable chase, 112mm width, fits 45 space racks |
| BGR-CC-41FB | BGR front & back cable chase, 112mm width, fits 41 space racks |
| BGR-CC-38FB | BGR front & back cable chase, 112mm width, fits 38 space racks |
| BGR-CC-38LT | BGR top cable chase, 112mm width, 965mm deep                   |
| BGR-CC-32LT | BGR top cable chase, 112mm width, 965mm deep                   |
| BGR-CC-27LT | BGR top cable chase, 112mm width, 965mm deep                   |

## Additional Options:



BGR-45EXT3  
76mm front or rear extender



BGR-CC-xxFB  
cable chase lift off



BGR-CC-xxLT  
cable chase top only



BGR-TRIMxx  
silver front trim kit



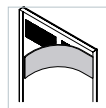
BGR-TRIMxxB  
black front trim kit



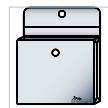
BGR-RDxx  
cable entry rear door



TDRIFT  
drift pins for ganging racks



VBK-BGR  
vent blocker kit



DOC-SACK  
rear door document pocket



BGR-DT9  
duct cool adaptors



CBS-BGR  
caster kit



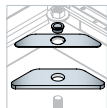
BS-BGR  
inner platform base



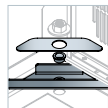
LF-HD  
leveling feet



BGR-Z4  
seismic anchor kit



BGR-ISO  
ground isolation kit



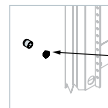
BGR-ISO-Z4  
seismic ground iso kit



BGR-STPx  
solid panels for 12 sp. top opening



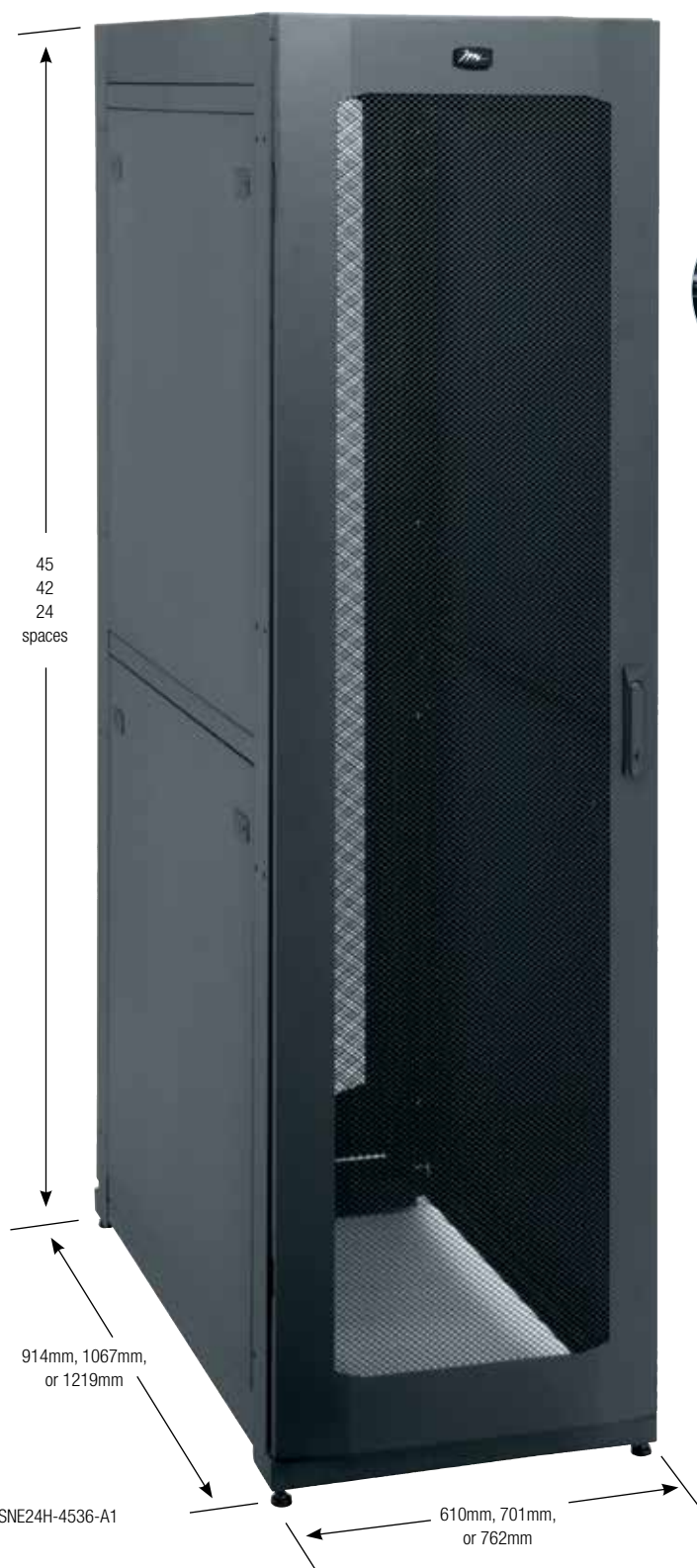
BGR-TRRx  
top rail reducer kits



GANG-10T  
ganging hardware



Lever Lock™  
see pg. 206



## most advanced rack enclosure



The **SNE Series** is the most advanced security rack enclosure available.

- Four available configurations fit your system type, wiring needs, cooling requirements and rack location
- Thermal options built for unconditioned or conditioned environments with active or passive ventilation
- Adaptable equipment mounting threaded rail, cage nut rail or innovative adapter for both
- Raised-floor ready with seismic and standard riser bases
- Accepts Lever Lock™ system tool free cable management accessories, see pg. 206
- Versatile cable management and routing included
- Lockable, flush mount side panels
- Doors accommodate industry standard electronic locks
- Customized solutions available

### Certifications

- Seismic Certified
- UL2416
- ROHS
- GREENGUARD

### Market Solutions



Broadcast



Commercial  
AV



Residential  
AV



Security



Structured  
Cabling



Education



International  
Fan Available

#### Customize the SNE

- choose from all the sizes, thermal options & accessories to customize the SNE for your application
- visit [middleatlantic.com/config](http://middleatlantic.com/config)



### Power Solutions



100VAC





## Product Information

| Overall Height<br>(w/ casters) | Hybrid or Digital | Ventilation           | 610mm Width    |                |                | 701mm Width    |                |                | 762mm Width    |                |                |
|--------------------------------|-------------------|-----------------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|
|                                |                   |                       | 914mm Depth    | 1067mm Depth   | 1219mm Depth   | 914mm Depth    | 1067mm Depth   | 1219mm Depth   | 914mm Depth    | 1067mm Depth   | 1219mm Depth   |
| 1219mm<br>(24 space)           | Hybrid            | top active            | SNE24H-2436-A1 | SNE24H-2442-A1 | —              | —              | —              | —              | —              | —              | —              |
|                                | Hybrid            | rear active           | SNE24H-2436-A2 | SNE24H-2442-A2 | —              | —              | —              | —              | —              | —              | —              |
|                                | Digital           | front to rear passive | SNE24D-2436-P1 | SNE24D-2442-P1 | —              | —              | —              | —              | —              | —              | —              |
| 2019mm<br>(42 space)           | Hybrid            | top active            | SNE24H-4236-A1 | SNE24H-4242-A1 | —              | SNE27H-4236-A1 | SNE27H-4242-A1 | —              | SNE30H-4236-A1 | SNE30H-4242-A1 | —              |
|                                | Hybrid            | rear active           | SNE24H-4236-A2 | SNE24H-4242-A2 | —              | SNE27H-4236-A2 | SNE27H-4242-A2 | —              | SNE30H-4236-A2 | SNE30H-4242-A2 | —              |
|                                | Digital           | front to rear passive | SNE24D-4236-P1 | SNE24D-4242-P1 | SNE24D-4248-P1 | SNE27D-4236-P1 | SNE27D-4242-P1 | SNE27D-4248-P1 | SNE30D-4236-P1 | SNE30D-4242-P1 | SNE30D-4248-P1 |
|                                | Digital           | passive chimney       | —              | SNE24D-4242-P2 | SNE24D-4248-P2 | —              | SNE27D-4242-P2 | SNE27D-4248-P2 | —              | SNE30D-4242-P2 | SNE30D-4248-P2 |
| 2152mm<br>(45 space)           | Hybrid            | top active            | SNE24H-4536-A1 | SNE24H-4542-A1 | —              | SNE27H-4536-A1 | SNE27H-4542-A1 | —              | SNE30H-4536-A1 | SNE30H-4542-A1 | —              |
|                                | Hybrid            | rear active           | SNE24H-4536-A2 | SNE24H-4542-A2 | —              | SNE27H-4536-A2 | SNE27H-4542-A2 | —              | SNE30H-4536-A2 | SNE30H-4542-A2 | —              |
|                                | Digital           | front to rear passive | SNE24D-4536-P1 | SNE24D-4542-P1 | SNE24D-4548-P1 | SNE27D-4536-P1 | SNE27D-4542-P1 | SNE27D-4548-P1 | SNE30D-4536-P1 | SNE30D-4542-P1 | SNE30D-4548-P1 |
|                                | Digital           | passive chimney       | —              | SNE24D-4542-P2 | SNE24D-4548-P2 | —              | SNE27D-4542-P2 | SNE27D-4548-P2 | —              | SNE30D-4542-P2 | SNE30D-4548-P2 |

## Options

Please refer to the enclosure options section on pgs. 44-50 or visit our website for more info.

| Options                                     | Fits     |       |              |              |              |                   |                     |                            |                      |
|---------------------------------------------|----------|-------|--------------|--------------|--------------|-------------------|---------------------|----------------------------|----------------------|
|                                             | Height   | Width | 914mm Deep   | 1067mm Deep  | 1219mm Deep  | All Depths        |                     |                            |                      |
| Cable Chase Lift-Off<br>(Front & Back Only) | 42 space | all   |              |              |              | SNE-CC-42FB       |                     |                            |                      |
|                                             | 45 space |       |              |              |              | SNE-CC-45FB       |                     |                            |                      |
| Cable Chase Top Only                        | 42 space | all   | SNE-CC-36LT  | SNE-CC-42LT  | SNE-CC-48LT  |                   |                     |                            |                      |
|                                             | 45 space |       | SNE-CC-36LT  | SNE-CC-42LT  | SNE-CC-48LT  |                   |                     |                            |                      |
| Front-Air Dam/<br>Zero-U Panel Mount        | 42 space | 701mm |              |              |              | SNE27-FAD-PM-42   |                     |                            |                      |
|                                             |          | 762mm |              |              |              | SNE30-FAD-PM-42   |                     |                            |                      |
|                                             | 45 space | 701mm |              |              |              | SNE27-FAD-PM-45   |                     |                            |                      |
|                                             |          | 762mm |              |              |              | SNE30-FAD-PM-45   |                     |                            |                      |
| Bracket for Top<br>Cable Pass-Through       | all      | all   | SNE-TCB-36   | SNE-TCB-42   | SNE-TCB-48   |                   |                     |                            |                      |
| Lever Lock™<br>Mounting Bracket             | all      | all   | LL-SNE-36BKT | LL-SNE-42BKT | LL-SNE-48BKT |                   |                     |                            |                      |
| Lever Lock™<br>Accessories                  | all      | all   |              |              |              | Vertical<br>Angle | Vertical<br>Channel | Vertical<br>254mm<br>Plate | Vertical<br>DIN Rail |
|                                             |          |       |              |              |              | LL-VA21           | LL-VC21             | LL-VP2110                  | LL-VDIN21            |
| 152mm Wide Vertical<br>Wire Grid Lace       | 24 space | all   |              |              |              | LACE-WB6-24       |                     |                            |                      |
|                                             | 42 space |       |              |              |              | LACE-WB6-42       |                     |                            |                      |
|                                             | 45 space |       |              |              |              | LACE-WB6-45       |                     |                            |                      |
| Internal Vertical<br>Cable Manager          | 24 space | all   |              |              |              | SNE-IVCMF-24      |                     |                            |                      |
|                                             | 42 space |       |              |              |              | SNE-IVCMF-42      |                     |                            |                      |
|                                             | 45 space |       |              |              |              | SNE-IVCMF-45      |                     |                            |                      |
| Seismic Anchoring<br>Brackets               | all      | 610mm |              |              |              | SNE24-Z4          |                     |                            |                      |
|                                             |          | 701mm |              |              |              | SNE27-Z4          |                     |                            |                      |
|                                             |          | 762mm |              |              |              | SNE30-Z4          |                     |                            |                      |



SNE30-FAD-PM-xx



SNE-TCB-xx



SNE-IVCMF-xx



SNE-CC-xxfb

See Website for  
additional Options

Riser Bases

Seismic Riser Bases

Raised Floor Angles



## multi-bay space saving rack



The **MRK Series** is designed for large-scale multi-bay jobs.

- Fully welded construction for strength
- Racks gang together when fully loaded
- Multiple lacing points and slotted rail brackets for cable management flexibility
- Standard front and rear adjustable 10-32 threaded rackrail with numbered spaces
- Racks with PRO suffix include two pairs of cage nut style rackrail
- Comes with standard configurable rear door; see pg. 226 for thermal management kits
- Preconfig version available see pg. 57
- Seismic certified up to 476 kgs.

### Certifications

- Seismic Certification
- UL/ETL Listed
- RoHS
- GREENGUARD
- OSHPD

### Market Solutions



Broadcast



Commercial  
AV



Residential  
AV



Security



Structured  
Cabling



Education



International  
Fan Available

### Power Solutions



100VAC



#### Customize the MRK

- choose from all the sizes, thermal options & accessories to customize the MRK for your application
- visit [middleatlantic.com/config](http://middleatlantic.com/config)





## Product Information

| Part #        | Racking Height    | Overall Height | Useable Depth | Overall Depth | Side Panels | Commercial Caster Base (adds 24mm) | Fine Floor Caster Base (adds 24mm) | Add'l 10/32 Threaded Rackrail | Add'l Cage Nut Rackrail |
|---------------|-------------------|----------------|---------------|---------------|-------------|------------------------------------|------------------------------------|-------------------------------|-------------------------|
| MRK-2426      | 1067mm (24 space) | 1222mm         | 610mm         | 673mm         | SPN-24-267  | CBS-MRK-26                         | CBS-MRK-26R                        | MV-RR24                       | PROMRK-RR24             |
| MRK-2431      | 1067mm (24 space) | 1222mm         | 737mm         | 800mm         | SPN-24-312  | CBS-MRK-31                         | CBS-MRK-31R                        | MV-RR24                       | PROMRK-RR24             |
| MRK-3726      | 1645mm (37 space) | 1800mm         | 610mm         | 673mm         | SPN-37-267  | CBS-MRK-26                         | CBS-MRK-26R                        | MV-RR37                       | PROMRK-RR37             |
| MRK-3731      | 1645mm (37 space) | 1800mm         | 737mm         | 800mm         | SPN-37-312  | CBS-MRK-31                         | CBS-MRK-31R                        | MV-RR37                       | PROMRK-RR37             |
| MRK-4026      | 1778mm (40 space) | 1934mm         | 610mm         | 673mm         | SPN-40-267  | CBS-MRK-26                         | CBS-MRK-26R                        | MV-RR40                       | PROMRK-RR40             |
| MRK-4031      | 1778mm (40 space) | 1934mm         | 737mm         | 800mm         | SPN-40-312  | CBS-MRK-31                         | CBS-MRK-31R                        | MV-RR40                       | PROMRK-RR40             |
| MRK-4036*     | 1778mm (40 space) | 1934mm         | 851mm         | 914mm         | SPN-40-36   | CBS-MRK-36                         | CBS-MRK-36R                        | MV-RR40                       | PROMRK-RR40             |
| MRK-4042*     | 1778mm (40 space) | 1934mm         | 1003mm        | 1067mm        | SPN-40-423  | CBS-MRK-42                         | -                                  | MV-RR40                       | PROMRK-RR40             |
| MRK-4426*     | 1956mm (44 space) | 2111mm         | 610mm         | 673mm         | SPN-44-267  | CBS-MRK-26                         | CBS-MRK-26R                        | MV-RR44                       | PROMRK-RR44             |
| MRK-4431*     | 1956mm (44 space) | 2111mm         | 737mm         | 800mm         | SPN-44-312  | CBS-MRK-31                         | CBS-MRK-31R                        | MV-RR44                       | PROMRK-RR44             |
| MRK-4431PRO** | 1956mm (44 space) | 2111mm         | 737mm         | 800mm         | SPN-44-312  | CBS-MRK-31                         | CBS-MRK-31R                        | MV-RR44                       | PROMRK-RR44             |
| MRK-4436*     | 1956mm (44 space) | 2111mm         | 851mm         | 914mm         | SPN-44-36   | CBS-MRK-36                         | CBS-MRK-36R                        | MV-RR44                       | PROMRK-RR44             |
| MRK-4436PRO** | 1956mm (44 space) | 2111mm         | 851mm         | 914mm         | SPN-44-36   | CBS-MRK-36                         | CBS-MRK-36R                        | MV-RR44                       | PROMRK-RR44             |
| MRK-4442*     | 1956mm (44 space) | 2111mm         | 1003mm        | 1067mm        | SPN-44-423  | CBS-MRK-42                         | -                                  | MV-RR44                       | PROMRK-RR44             |
| MRK-4442PRO** | 1956mm (44 space) | 2111mm         | 1003mm        | 1067mm        | SPN-44-423  | CBS-MRK-42                         | -                                  | MV-RR44                       | PROMRK-RR44             |

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

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

## Options

Please refer to the enclosure options section on pgs. 44-50 or visit our website for more info.

| Fits Part # | Front Doors |        |                    |                    |              | Rear Doors         |                          | Solid Top | 25% Open Area 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) 119mm Fans (380 CFM Total) | w/ (3) 152mm Fans (660 CFM Total) | w/ (1) 254mm Fan (550 CFM Total) | w/ integrated fan controllers              |
| MRK-2426    | FD-24       | PFD-24 | VFD-24             | LVFD-24            | -            | -                  | MW-CLVRD-24              | MW-ST     | MW-VT             | MW-LVT                 | MW-4FT-380CFM                     | MW-6FT-660CFM                     | MW-10FT-550CFM                   | MW-4QFT-FC (220CFM) & MW-10FT-FC (550 CFM) |
| MRK-2431    | FD-24       | PFD-24 | VFD-24             | LVFD-24            | -            | -                  | MW-CLVRD-24              | MW-ST     | MW-VT             | MW-LVT                 | MW-4FT-380CFM                     | MW-6FT-660CFM                     | MW-10FT-550CFM                   | MW-4QFT-FC (220CFM) & MW-10FT-FC (550 CFM) |
| MRK-3726    | FD-37       | PFD-37 | VFD-37             | LVFD-37            | -            | -                  | -                        | MW-ST     | MW-VT             | MW-LVT                 | MW-4FT-380CFM                     | MW-6FT-660CFM                     | MW-10FT-550CFM                   | MW-4QFT-FC (220CFM) & MW-10FT-FC (550 CFM) |
| MRK-3731    | FD-37       | PFD-37 | VFD-37             | LVFD-37            | -            | -                  | -                        | MW-ST     | MW-VT             | MW-LVT                 | MW-4FT-380CFM                     | MW-6FT-660CFM                     | MW-10FT-550CFM                   | MW-4QFT-FC (220CFM) & MW-10FT-FC (550 CFM) |
| MRK-4026    | FD-40       | PFD-40 | VFD-40             | LVFD-40            | -            | MW-LVRD-40         | -                        | MW-ST     | MW-VT             | MW-LVT                 | MW-4FT-380CFM                     | MW-6FT-660CFM                     | MW-10FT-550CFM                   | MW-4QFT-FC (220CFM) & MW-10FT-FC (550 CFM) |
| MRK-4031    | FD-40       | PFD-40 | VFD-40             | LVFD-40            | -            | MW-LVRD-40         | -                        | MW-ST     | MW-VT             | MW-LVT                 | MW-4FT-380CFM                     | MW-6FT-660CFM                     | MW-10FT-550CFM                   | MW-4QFT-FC (220CFM) & MW-10FT-FC (550 CFM) |
| MRK-4036    | FD-40       | PFD-40 | VFD-40             | LVFD-40            | -            | MW-LVRD-40         | -                        | MW-ST     | MW-VT             | MW-LVT                 | MW-4FT-380CFM                     | MW-6FT-660CFM                     | MW-10FT-550CFM                   | MW-4QFT-FC (220CFM) & MW-10FT-FC (550 CFM) |
| MRK-4042    | FD-40       | PFD-40 | VFD-40             | LVFD-40            | -            | MW-LVRD-40         | -                        | MW-ST     | MW-VT             | MW-LVT                 | MW-4FT-380CFM                     | MW-6FT-660CFM                     | MW-10FT-550CFM                   | MW-4QFT-FC (220CFM) & MW-10FT-FC (550 CFM) |
| MRK-4426    | FD-44       | PFD-44 | VFD-44             | LVFD-44            | PVFD-44      | MW-LVRD-44         | MW-CLVRD-44              | MW-ST     | MW-VT             | MW-LVT                 | MW-4FT-380CFM                     | MW-6FT-660CFM                     | MW-10FT-550CFM                   | MW-4QFT-FC (220CFM) & MW-10FT-FC (550 CFM) |
| MRK-4431    | FD-44       | PFD-44 | VFD-44             | LVFD-44            | PVFD-44      | MW-LVRD-44         | MW-CLVRD-44              | MW-ST     | MW-VT             | MW-LVT                 | MW-4FT-380CFM                     | MW-6FT-660CFM                     | MW-10FT-550CFM                   | MW-4QFT-FC (220CFM) & MW-10FT-FC (550 CFM) |
| MRK-4431PRO | FD-44       | PFD-44 | VFD-44             | LVFD-44            | PVFD-44      | MW-LVRD-44         | MW-CLVRD-44              | MW-ST     | MW-VT             | MW-LVT                 | MW-4FT-380CFM                     | MW-6FT-660CFM                     | MW-10FT-550CFM                   | MW-4QFT-FC (220CFM) & MW-10FT-FC (550 CFM) |
| MRK-4436    | FD-44       | PFD-44 | VFD-44             | LVFD-44            | PVFD-44      | MW-LVRD-44         | MW-CLVRD-44              | MW-ST     | MW-VT             | MW-LVT                 | MW-4FT-380CFM                     | MW-6FT-660CFM                     | MW-10FT-550CFM                   | MW-4QFT-FC (220CFM) & MW-10FT-FC (550 CFM) |
| MRK-4436PRO | FD-44       | PFD-44 | VFD-44             | LVFD-44            | PVFD-44      | MW-LVRD-44         | MW-CLVRD-44              | MW-ST     | MW-VT             | MW-LVT                 | MW-4FT-380CFM                     | MW-6FT-660CFM                     | MW-10FT-550CFM                   | MW-4QFT-FC (220CFM) & MW-10FT-FC (550 CFM) |
| MRK-4442    | FD-44       | PFD-44 | VFD-44             | LVFD-44            | PVFD-44      | MW-LVRD-44         | MW-CLVRD-44              | MW-ST     | MW-VT             | MW-LVT                 | MW-4FT-380CFM                     | MW-6FT-660CFM                     | MW-10FT-550CFM                   | MW-4QFT-FC (220CFM) & MW-10FT-FC (550 CFM) |
| MRK-4442PRO | FD-44       | PFD-44 | VFD-44             | LVFD-44            | PVFD-44      | MW-LVRD-44         | MW-CLVRD-44              | MW-ST     | MW-VT             | MW-LVT                 | MW-4FT-380CFM                     | MW-6FT-660CFM                     | MW-10FT-550CFM                   | MW-4QFT-FC (220CFM) & MW-10FT-FC (550 CFM) |



Thermal Top Options pg. 46

- 240V Fans pg. 226
- Fan Controller pg. 130



## strong & narrow broadcast enclosure



The **VRK Series** was specifically designed for mounting video and AV equipment in a broadcast-standard 559mm wide enclosure.

- Built-in horizontal lacing bars are ideal for quick tie-and-slide lacing of video cable bundles
- Fully welded construction for strength
- Racks gang together when fully loaded
- Standard front and rear adjustable 10-32 threaded rackrail with numbered spaces
- Includes partially vented locking rear door (except LRD models)

### Certifications

- Seismic Certification
- UL/ETL Listed
- RoHS
- GREENGUARD

### Market Solutions



Broadcast



Commercial  
AV



Residential  
AV



Security



Structured  
Cabling



Education

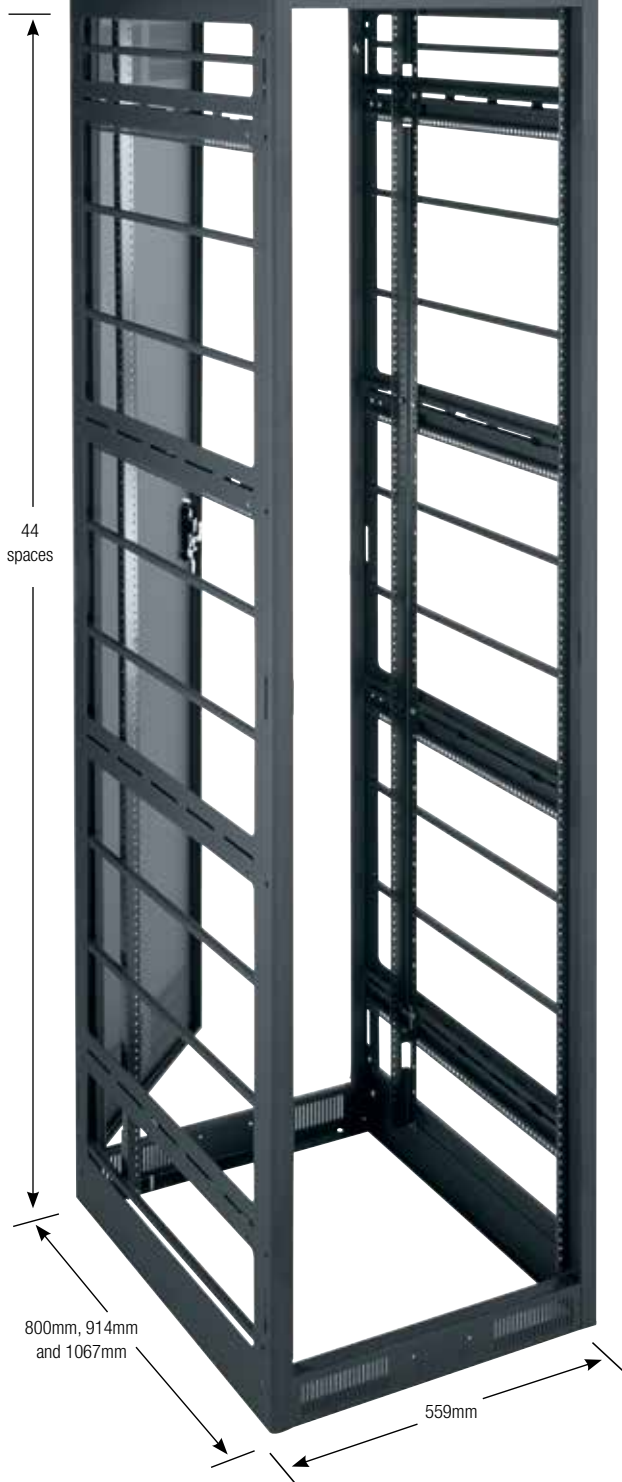


International  
Fan Available

### Power Solutions



100VAC



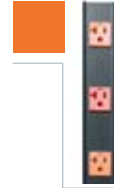
VRK-44-31H



## Product Information

| 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 |
|-------------|-------------------|----------------|---------------|---------------|---------------|----------------------|-------------------------------|-------------------------|----------------|
| VRK-44-31H* | 1956mm (44 space) | 2111mm         | 737mm         | 800mm         | 559mm         | SPN-44-312           | MV-RR44                       | PROMRK-RR44             | MV-ZRA-44      |
| VRK-44-36H* | 1956mm (44 space) | 2111mm         | 851mm         | 914mm         | 559mm         | SPN-44-36            | MV-RR44                       | PROMRK-RR44             | MV-ZRA-44      |
| VRK-44-42H* | 1956mm (44 space) | 2111mm         | 1003mm        | 1067mm        | 559mm         | SPN-44-36            | MV-RR44                       | PROMRK-RR44             | MV-ZRA-44      |

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



Get 20 Outlets

- PDT vertical power with up to 20 outlets to cover the entire rack. see pg. 176

## Options

Please refer to the enclosure options section on pgs. 44-50 or visit our website for more info.

**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.

| Fits 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) 119mm Fans (380 CFM Total) | w/ (3) 152mm Fans (660 CFM Total) | w/ (1) 254mm 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                   |
| VRK-44-42H  | 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                   |



## rugged, space-saving design



The **VMRK Series** adds extra height to take full advantage of taller spaces.

- Specify a VMRK to maximize your racking capacity, and where seismic certification and open or removable sides are required or preferred
- Fully welded construction for strength
- 54 spaces of racking height
- Racks gang together when fully loaded
- Multiple lacing points and slotted rail brackets for cable management flexibility
- Standard front and rear adjustable 10-32 threaded with numbered spaces
- Includes standard solid locking rear door (except LRD models)

### Certifications

- Seismic Certification
- UL/ETL Listed
- RoHS
- GREENGUARD

### Market Solutions



Broadcast



Commercial  
AV



Residential  
AV



Security



Structured  
Cabling



Education



International  
Fan Available

### Power Solutions



100VAC





## Product Information

| Part #      | Racking Height    | Overall Height | Useable Depth | Overall Depth | Overall Width | Side Panels | Add'l 10/32 Threaded Z-rail |
|-------------|-------------------|----------------|---------------|---------------|---------------|-------------|-----------------------------|
| VMRK-54*    | 2400mm (54 space) | 2556mm         | 737mm         | 800mm         | 559mm         | SPN-54-312  | VRR-54                      |
| VMRK-54-36* | 2400mm (54 space) | 2556mm         | 851mm         | 914mm         | 559mm         | SPN-54-36   | VRR-54                      |

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

## Options

Please refer to the enclosure options section on pgs. 44-50 or visit our website for more info.

**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.

| Fits 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) 119mm Fans (380 CFM Total) | w/ (3) 152mm Fans (660 CFM Total) | w/ (1) 254mm 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                   |

Note: Due to flipping hazard, there is no caster base available for this rack.



WMRK-4236  
shown with optional front/rear doors

## mixed-application multi-bay server



The **WMRK Series** is designed for deep equipment (servers & NVR) with large cable capacity.

- Comes standard with cage nut mounting rails and perforated doors and tops to meet server manufacturer warranty specifications
- Pre-configured models are available
- Fully welded construction for strength and stability
- 610mm overall width optimized for use on raised floors
- Racks gang together when fully loaded
- 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
- Preconfig version available see pg. 57

### Certifications

- Seismic Certification
- UL/ETL Listed
- RoHS
- GREENGUARD

### Market Solutions



Broadcast



Commercial  
AV



Residential  
AV



Security



Structured  
Cabling



Education



International  
Fan Available

#### Customize the WMRK

- choose from all the sizes, thermal options & accessories to customize the WMRK for your application
- visit [middleatlantic.com/config](http://middleatlantic.com/config)

### Power Solutions



100VAC





## Product Information

| Part #    | Racking Height    | Overall Height | Useable Depth | Overall Depth | Overall Width | Lockable Side Panels | Caster Base | Plenum Base | Add'l Cage Nut Rackrail | Add'l Z-rail Adaptor |
|-----------|-------------------|----------------|---------------|---------------|---------------|----------------------|-------------|-------------|-------------------------|----------------------|
| WMRK-2436 | 1067mm (24 space) | 1227mm         | 851mm         | 914mm         | 610mm         | SPN-24-36            | CBS-WMRK-36 | PBS-WMRK-36 | PROWMRK-RR24            | PROWMRK-ZRA-24       |
| WMRK-2442 | 1067mm (24 space) | 1227mm         | 1003mm        | 1067mm        | 610mm         | SPN-24-42            | CBS-WMRK-42 | PBS-WMRK-42 | PROWMRK-RR24            | PROWMRK-ZRA-24       |
| WMRK-4236 | 1867mm (42 space) | 2027mm         | 851mm         | 914mm         | 610mm         | SPN-42-36            | CBS-WMRK-36 | PBS-WMRK-36 | PROWMRK-RR42            | PROWMRK-ZRA-42       |
| WMRK-4242 | 1867mm (42 space) | 2027mm         | 1003mm        | 1067mm        | 610mm         | SPN-42-42            | CBS-WMRK-42 | PBS-WMRK-42 | PROWMRK-RR42            | PROWMRK-ZRA-42       |
| WMRK-4248 | 1867mm (42 space) | 2027mm         | 1156mm        | 1219mm        | 610mm         | SPN-42-48            | CBS-WMRK-48 | PBS-WMRK-48 | PROWMRK-RR42            | PROWMRK-ZRA-42       |
| WMRK-4536 | 2000mm (45 space) | 2161mm         | 851mm         | 914mm         | 610mm         | SPN-45-36            | CBS-WMRK-36 | PBS-WMRK-36 | PROWMRK-RR45            | PROWMRK-ZRA-45       |
| WMRK-4542 | 2000mm (45 space) | 2161mm         | 1003mm        | 1067mm        | 610mm         | SPN-45-42            | CBS-WMRK-42 | PBS-WMRK-42 | PROWMRK-RR45            | PROWMRK-ZRA-45       |
| WMRK-4548 | 2000mm (45 space) | 2161mm         | 1156mm        | 1219mm        | 610mm         | SPN-45-48            | CBS-WMRK-48 | PBS-WMRK-48 | PROWMRK-RR45            | PROWMRK-ZRA-45       |



Thermal Top Options pg. 46

- 240V Fans pg. 226
- Fan Controller pg. 130

## Options

Please refer to the enclosure options section on pgs. 44-50 or visit our website for more info.

**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.**

| Fits 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) 119mm Fans (285 CFM Total) | w/ (2) 152mm Fans (440 CFM Total) | w/ (1) 254mm Fan (550 CFM Total) |
| WMRK-2436   | FD-WMRK-24  | PFD-WMRK-24 | LVFD-WMRK-24       | CRD-WMRK-24 | CLVRD-WMRK-24            | ERK-LVT                | ERK-ST    | ERK-VT     | ERK-4FT-285CFM                    | ERK-6FT-440CFM                    | ERK-10FT-550CFM                  |
| WMRK-2442   | FD-WMRK-24  | PFD-WMRK-24 | LVFD-WMRK-24       | CRD-WMRK-24 | CLVRD-WMRK-24            | ERK-LVT                | ERK-ST    | ERK-VT     | ERK-4FT-285CFM                    | ERK-6FT-440CFM                    | ERK-10FT-550CFM                  |
| WMRK-4236   | FD-WMRK-42  | PFD-WMRK-42 | LVFD-WMRK-42       | CRD-WMRK-42 | CLVRD-WMRK-42            | ERK-LVT                | ERK-ST    | ERK-VT     | ERK-4FT-285CFM                    | ERK-6FT-440CFM                    | ERK-10FT-550CFM                  |
| WMRK-4242   | FD-WMRK-42  | PFD-WMRK-42 | LVFD-WMRK-42       | CRD-WMRK-42 | CLVRD-WMRK-42            | ERK-LVT                | ERK-ST    | ERK-VT     | ERK-4FT-285CFM                    | ERK-6FT-440CFM                    | ERK-10FT-550CFM                  |
| WMRK-4248   | FD-WMRK-42  | PFD-WMRK-42 | LVFD-WMRK-42       | CRD-WMRK-42 | CLVRD-WMRK-42            | ERK-LVT                | ERK-ST    | ERK-VT     | ERK-4FT-285CFM                    | ERK-6FT-440CFM                    | ERK-10FT-550CFM                  |
| WMRK-4536   | FD-WMRK-45  | PFD-WMRK-45 | LVFD-WMRK-45       | CRD-WMRK-45 | CLVRD-WMRK-45            | ERK-LVT                | ERK-ST    | ERK-VT     | ERK-4FT-285CFM                    | ERK-6FT-440CFM                    | ERK-10FT-550CFM                  |
| WMRK-4542   | FD-WMRK-45  | PFD-WMRK-45 | LVFD-WMRK-45       | CRD-WMRK-45 | CLVRD-WMRK-45            | ERK-LVT                | ERK-ST    | ERK-VT     | ERK-4FT-285CFM                    | ERK-6FT-440CFM                    | ERK-10FT-550CFM                  |
| WMRK-4548   | FD-WMRK-45  | PFD-WMRK-45 | LVFD-WMRK-45       | CRD-WMRK-45 | CLVRD-WMRK-45            | ERK-LVT                | ERK-ST    | ERK-VT     | ERK-4FT-285CFM                    | ERK-6FT-440CFM                    | ERK-10FT-550CFM                  |

\*High CFM Rear Door available



## wide av multi-bay rack enclosure



The **WRK Series** is designed for multi-bay jobs that require large cable capacity and greater air-flow.

- Fully welded construction for strength
- 616mm overall width provides space for side cabling or cooling airflow
- Convenient lacing points and slotted rail brackets for cable management
- Standard front and rear adjustable 10-32 threaded rackrail with numbered spaces
- Extra-wide rackrail features cable pass-throughs to facilitate front-to-rear cabling
- Comes with standard configurable rear door see pg. 227 for thermal management kits (except LRD)

For stand-alone model, refer to pgs. 36-37.

### Certifications

- Seismic Certification
- UL/ETL Listed
- RoHS
- GREENGUARD

### Market Solutions



Broadcast



Commercial  
AV



Residential  
AV



Security



Structured  
Cabling



Education



International  
Fan Available

### Power Solutions



100VAC



Thermal Top Options pg. 46

- 240V Fans pg. 226
- Fan Controller pg. 130



## Product Information

| Part #     | Racking Height    | Overall Height | Useable Depth | Overall Depth | Caster Base | Add'l 10/32 Threaded Rackrail | Add'l Cage Nut Rackrail | Lockable Side Panels |
|------------|-------------------|----------------|---------------|---------------|-------------|-------------------------------|-------------------------|----------------------|
| WRK-24-27  | 1067mm (24 space) | 1222mm         | 654mm         | 702mm         | CBS-WRK-27  | WRK-RR24                      | PROWRK-RR24             | SPN-24-267           |
| WRK-24-32  | 1067mm (24 space) | 1222mm         | 781mm         | 829mm         | CBS-WRK-32  | WRK-RR24                      | PROWRK-RR24             | SPN-24-312           |
| WRK-37-27  | 1645mm (37 space) | 1800mm         | 654mm         | 702mm         | CBS-WRK-27  | WRK-RR37                      | PROWRK-RR37             | SPN-37-267           |
| WRK-37-32  | 1645mm (37 space) | 1800mm         | 781mm         | 829mm         | CBS-WRK-32  | WRK-RR37                      | PROWRK-RR37             | SPN-37-312           |
| WRK-40-27  | 1778mm (40 space) | 1934mm         | 654mm         | 702mm         | CBS-WRK-27  | WRK-RR40                      | PROWRK-RR40             | SPN-40-267           |
| WRK-40-32  | 1778mm (40 space) | 1934mm         | 781mm         | 829mm         | CBS-WRK-32  | WRK-RR40                      | PROWRK-RR40             | SPN-40-312           |
| WRK-44-27* | 1956mm (44 space) | 2111mm         | 654mm         | 702mm         | CBS-WRK-27  | WRK-RR44                      | PROWRK-RR44             | SPN-44-267           |
| WRK-44-32* | 1956mm (44 space) | 2111mm         | 781mm         | 829mm         | CBS-WRK-32  | WRK-RR44                      | PROWRK-RR44             | SPN-44-312           |

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



Get Patented Protection

- See Series Protection™ power distribution – see pg. 170

## Options

Please refer to the enclosure options section on pgs. 44-50 or visit our website for more info.

**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.

| Fits<br>Part # | Front Doors |        |                          |                          |                 | Rear Doors               |                           | Solid<br>Top | Vented<br>Top | Fan Tops                             |                                      |                                     |
|----------------|-------------|--------|--------------------------|--------------------------|-----------------|--------------------------|---------------------------|--------------|---------------|--------------------------------------|--------------------------------------|-------------------------------------|
|                | Solid*      | Plexi  | 25%<br>Open Area<br>Perf | 64%<br>Open Area<br>Perf | Plexi<br>Vented | 64%<br>Open Area<br>Perf | 79%<br>Perf Split<br>Door |              |               | w/ (4) 119mm Fans<br>(380 CFM Total) | w/ (3) 152mm Fans<br>(660 CFM Total) | w/ (1) 254mm Fan<br>(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                      |



\*see pg. 227 for fan panel options that fit knockouts



DRK19-44-31

## wide networking rack enclosure



The **DRK Series** is designed to support high-density patching.

- DRK Series rack enclosures have a 762mm wide footprint for abundant internal cable space
- Pre-configured models are available
- Accommodates 483mm panel width equipment
- Use in network patching and other cable-heavy applications
- Fully welded construction for strength
- Racks gang together when fully loaded
- Includes pre-installed cable ducts with hinged steel doors and magnetic closures
- Cable duct is factory mounted in front, can also be mounted to rear
- Cable ducts accommodate copper and fiber cables equally well
- Standard front and rear adjustable 10-32 threaded or cage nut rackrail
- Includes 100 rack screws
- Includes partially vented locking-rear door
- Includes MW-10FT

### Certifications

- Seismic Certification
- UL/ETL Listed
- RoHS
- GREENGUARD
- OSHPD

### Market Solutions



Broadcast



Commercial  
AV



Residential  
AV



Security



Structured  
Cabling



Education



International  
Fan Available

### Power Solutions



100VAC





## Product Information

| 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 |
|-----------------|-------------------|----------------|---------------|---------------|-----------------|-------------|----------------------|-------------------------------|-------------------------|
| DRK19-44-31*    | 1956mm (44 space) | 2120mm         | 616mm         | 800mm         | 762mm           | SPN-44-312  | CBS-DRK-31           | DRK19-RR44                    | DRK19-RR44PRO           |
| DRK19-44-31PRO* | 1956mm (44 space) | 2120mm         | 616mm         | 800mm         | 762mm           | SPN-44-312  | CBS-DRK-31           | DRK19-RR44                    | DRK19-RR44PRO           |
| DRK19-44-36*    | 1956mm (44 space) | 2120mm         | 730mm         | 914mm         | 762mm           | SPN-44-36   | CBS-DRK-36           | DRK19-RR44                    | DRK19-RR44PRO           |
| DRK19-44-36PRO* | 1956mm (44 space) | 2120mm         | 730mm         | 914mm         | 762mm           | SPN-44-36   | CBS-DRK-36           | DRK19-RR44                    | DRK19-RR44PRO           |
| DRK19-44-42*    | 1956mm (44 space) | 2120mm         | 899mm         | 1067mm        | 762mm           | SPN-44-423  | —                    | DRK19-RR44                    | DRK19-RR44PRO           |
| DRK19-44-42PRO* | 1956mm (44 space) | 2120mm         | 899mm         | 1067mm        | 762mm           | SPN-44-423  | —                    | DRK19-RR44                    | DRK19-RR44PRO           |
| DRK19-44-31K    | 1956mm (44 space) | 2120mm         | 616mm         | 800mm         | 762mm           | included    | CBS-DRK-31           | DRK19-RR44                    | DRK19-RR44PRO           |

\*available without rear door, suffix part # 'LRD' \*\*276mm wide models are available by special order, please inquire



- For additional cable management solutions – see pg. 214

## Options

Please refer to the enclosure options section on pgs. 44-50 or visit our website for more info.

**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.

| Fits 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) 119mm Fans (380 CFM Total) | w/ (3) 152mm Fans (660 CFM Total) | w/ (1) 254mm 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.)                  |

## Duct for DRK Enclosures

Adds cable duct when rear cable management in a DRK installation is required.

- One or two ducts can be added in rear of rack
- Steel construction with black powder coat finish
- Sold in single pieces

| Part #     | Description         |
|------------|---------------------|
| DRK-44DUCT | 44 space cable duct |

DRK-44DUCT





- tops & side panels now available in 19 new finishes

## cost effective versatile multi-bay rack



The **Slim 5 Series** is designed for multiple AV applications and locations.

- Available in 12 standard sizes and any height from 8 to 43 spaces
- Ships ready to assemble
- Strong steel construction with wide open access for easy integration
- Lightweight, open design is easy to work with
- Knock down design allows for flat shipment via UPS
- Unique interlocking corner joint for exceptional strength and easy assembly
- Accepts optional removable steel side panels for security and to control airflow
- Accepts optional attractive thermolaminate top and side panels (19 colors)
- Top includes two laser knockout locations to mount cooling fans
- Standard front and rear fixed 10-32 threaded rackrail with marked spaces

### Certifications

- UL/ETL Listed
- RoHS
- GREENGUARD

### Market Solutions



Broadcast



Commercial  
AV



Residential  
AV



Security



Structured  
Cabling



Education



International  
Fan Available



## Product Information

| 508mm Useable Depth Part # | 660mm Useable Depth Part # | Racking Height    | Overall Height |
|----------------------------|----------------------------|-------------------|----------------|
| 5-8                        | 5-8-26                     | 356mm (8 space)   | 451mm          |
| 5-14                       | 5-14-26                    | 622mm (14 space)  | 718mm          |
| 5-21                       | 5-21-26                    | 933mm (21 space)  | 1029mm         |
| 5-29                       | 5-29-26                    | 1289mm (29 space) | 1384mm         |
| 5-37                       | 5-37-26                    | 1645mm (37 space) | 1740mm         |
| 5-43                       | 5-43-26                    | 1911mm (43 space) | 2007mm         |



- For a professional finished look try trim strips – see pg. 241

## Options

Please refer to the enclosure options section on pgs. 44-50 or visit our website for more info.

| Fits Part # | Solid Front Door | Plexi Front Door | Steel Side Panels, Pair | Thermolaminate Top/Side Panels** | Rear Access Panel | Adjustable "Split" Rear Rackrail | Cable Chase 76mm 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.

\*\*\*Refer to FIN- part number to indicate desired thermolaminate color.

|                        |                    |                          |                      |                         |                     |                     |                  |                     |                      |
|------------------------|--------------------|--------------------------|----------------------|-------------------------|---------------------|---------------------|------------------|---------------------|----------------------|
|                        |                    |                          |                      |                         |                     |                     |                  |                     |                      |
| FIN-NM<br>Native Maple | FIN-FN<br>Fenelon  | FIN-HN<br>Hazelnut Maple | FIN-SE<br>Sequoia    | FIN-AS<br>Auburn Stream | FIN-NA<br>Napa      | FIN-CN<br>Café Noir | FIN-SA<br>Sienna | FIN-BA<br>Belambra  | FIN-TW<br>Timberwolf |
|                        |                    |                          |                      |                         |                     |                     |                  |                     |                      |
| FIN-IS<br>Ibis         | FIN-GA<br>Gray Ash | FIN-FT<br>Frost          | FIN-SG<br>Shark Gray | FIN-PS<br>Pepperstone   | FIN-GS<br>Graystone | FIN-DS<br>Darkstone | FIN-SL<br>Slate  | FIN-NT<br>Nighttide |                      |

| Part #    | Description                                             |
|-----------|---------------------------------------------------------|
| 5-BAVTRIM | black brushed vented trim panel, replaces top or bottom |



5-BAVTRIM



## stand-alone floor-standing enclosures

Stand-alone racks are designed to house all types of electronic systems in smaller installations where one rack is sufficient for the need, or for where multiple racks are used but are not standing together in a row.

Racks in this section are floor-standing and have solid sides for strength, security, and to control cooling airflow. For most models, a variety of options are available, including front and rear doors, solid, vented and fan tops, and caster and riser bases.



Stand-alone racks range in capacity from 18 to 45 rack spaces at multiple depths.

|                                        |         |
|----------------------------------------|---------|
| BGR-SA Series                          | 32 - 33 |
| BGR Series Presentation Enclosure      | 34 - 35 |
| WRK-SA Series                          | 36 - 37 |
| WRK-24MDK Series                       | 38 - 39 |
| ERK Series                             | 42 - 43 |
| ERK-KD Series                          | 44 - 50 |
| Options                                | 51      |
| SRB Series Riser Bases                 | 52 - 53 |
| Raised Floor Enclosure Support System™ | 54 - 55 |
| Configured Enclosure Systems           | 56 - 57 |



## highest level of space efficiency



The **BGR-SA Series** has the highest level of space efficiency, strength and flexibility.

- Designed to accommodate evolving AV systems
- Breakthrough design provides high strength without extra weight
- Wide open top and bottom offer many cabling and cooling options
- Fixed solid side for security and to control airflow
- Standard front and rear adjustable 10-32 threaded rackrail with numbered spaces
- Includes standard vented rear door that accepts optional fans (Except LRD models)
- Accepts Lever Lock™ system tool free cable management accessories (see pg. 206)
- Accepts extender bay to add 76mm of useable depth to the front or rear at any time
- Accepts brush grommet rear door kit for a large cable passage without fishing

### Certifications

- Seismic Certification
- UL/ETL Listed
- RoHS
- GREENGUARD
- OSHPD

### Market Solutions



Broadcast



Commercial  
AV



Residential  
AV



Security



Structured  
Cabling



Education



International  
Fan Available

### Power Solutions



100VAC – 2240VAC | 50/60Hz Compatible



## Product Information

| Part #*     | Racking Height    | Overall Height | Overall Depth | Useable Depth | Add'l 10/32 Threaded Rackrail (Pair) | Accent Trim (Silver) |
|-------------|-------------------|----------------|---------------|---------------|--------------------------------------|----------------------|
| BGR-19SA-27 | 845mm (19 space)  | 949mm          | 686mm         | 619mm         | BGR-RR19                             | BGR-TRIM19           |
| BGR-25SA-27 | 1111mm (25 space) | 1216mm         | 686mm         | 619mm         | BGR-RR25                             | BGR-TRIM25           |
| BGR-25SA-32 | 1111mm (25 space) | 1216mm         | 813mm         | 746mm         | BGR-RR25                             | BGR-TRIM25           |
| BGR-38SA-27 | 1689mm (38 space) | 1794mm         | 686mm         | 619mm         | BGR-RR38                             | BGR-TRIM38           |
| BGR-38SA-32 | 1689mm (38 space) | 1794mm         | 813mm         | 746mm         | BGR-RR38                             | BGR-TRIM38           |
| BGR-41SA-27 | 1822mm (41 space) | 1927mm         | 686mm         | 619mm         | BGR-RR41                             | BGR-TRIM41           |
| BGR-41SA-32 | 1822mm (41 space) | 1927mm         | 813mm         | 746mm         | BGR-RR41                             | BGR-TRIM41           |
| BGR-45SA-27 | 2000mm (45 space) | 2105mm         | 686mm         | 619mm         | BGR-RR45                             | BGR-TRIM45           |
| BGR-45SA-32 | 2000mm (45 space) | 2105mm         | 813mm         | 746mm         | BGR-RR45                             | BGR-TRIM45           |

\*available without rear door, suffix part # 'LRD'. \*accent trim also available in black, suffix part # 'B'

## Options

Please refer to the enclosure options section on pgs. 44-50 or visit our website for more info.

| Fits Part # | Front Doors |         |         |                    |                   | Rear Doors              |          | Solid Top | Top Rail Reducer | Vented Top | Duct-Cool™ Adapter Top | Fan Tops    |               |                             |                            |
|-------------|-------------|---------|---------|--------------------|-------------------|-------------------------|----------|-----------|------------------|------------|------------------------|-------------|---------------|-----------------------------|----------------------------|
|             | Solid       | Plexi   | Vented  | Curved Door Vented | Curved Door Plexi | Cable Entry Rear Door** |          |           |                  |            |                        | 15,63m³/min | 7,82m³/min    | 15,63m³/min with Controller | 7,82m³/min with Controller |
| 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               | —        | —         | —                | —          | —                      | —           | —             | —                           | —                          |
| BGR-38SA-27 | BFD-38      | BPFD-38 | BVFD-38 | VFD-38A            | PFD-38A           | BGR-RDC38               | BGR-STP9 | BGR-TRR9  | BGR-LVT9         | BGR-DT9    | IBGR-552FT             | IBGR-276FT  | IBGR-552FT-FC | IBGR-276FT-FC               | IBGR-276FT-FC              |
| BGR-38SA-32 | BFD-38      | BPFD-38 | BVFD-38 | VFD-38A            | PFD-38A           | BGR-RDC38               | BGR-STP9 | BGR-TRR9  | BGR-LVT9         | BGR-DT9    | IBGR-552FT             | IBGR-276FT  | IBGR-552FT-FC | IBGR-276FT-FC               | IBGR-276FT-FC              |
| BGR-41SA-27 | BFD-41      | BPFD-41 | BVFD-41 | VFD-41A            | PFD-41A           | BGR-RDC41               | BGR-STP9 | BGR-TRR9  | BGR-LVT9         | BGR-DT9    | IBGR-552FT             | IBGR-276FT  | IBGR-552FT-FC | IBGR-276FT-FC               | IBGR-276FT-FC              |
| BGR-41SA-32 | BFD-41      | BPFD-41 | BVFD-41 | VFD-41A            | PFD-41A           | BGR-RDC41               | BGR-STP9 | BGR-TRR9  | BGR-LVT9         | BGR-DT9    | IBGR-552FT             | IBGR-276FT  | IBGR-552FT-FC | IBGR-276FT-FC               | IBGR-276FT-FC              |
| BGR-45SA-27 | BFD-45      | BPFD-45 | BVFD-45 | VFD-45A            | PFD-45A           | BGR-RDC45               | BGR-STP9 | BGR-TRR9  | BGR-LVT9         | BGR-DT9    | IBGR-552FT             | IBGR-276FT  | IBGR-552FT-FC | IBGR-276FT-FC               | IBGR-276FT-FC              |
| BGR-45SA-32 | BFD-45      | BPFD-45 | BVFD-45 | VFD-45A            | PFD-45A           | BGR-RDC45               | BGR-STP9 | BGR-TRR9  | BGR-LVT9         | BGR-DT9    | IBGR-552FT             | IBGR-276FT  | IBGR-552FT-FC | IBGR-276FT-FC               | IBGR-276FT-FC              |
| BGR-4532    | BFD-45      | BPFD-45 | BVFD-45 | VFD-45A            | PFD-45A           | BGR-RDC45               | BGR-STP9 | BGR-TRR9  | BGR-LVT9         |            | IBGR-552FT             | IBGR-276FT  | IBGR-552FT-FC | IBGR-276FT-FC               | IBGR-276FT-FC              |
| BGR-4538    | BFD-45      | BPFD-45 | BVFD-45 | VFD-45A            | PFD-45A           | BGR-RDC45               | BGR-STP9 | BGR-TRR9  | BGR-LVT9         |            | IBGR-552FT             | IBGR-276FT  | IBGR-552FT-FC | IBGR-276FT-FC               | IBGR-276FT-FC              |

\*All fan tops come with blank panels to close top of rack. \*\*Only compatible with 'LRD' models.

| Front Trim Kit Part # (Silver) | Front Trim Kit Part # (Black) | Fits               |
|--------------------------------|-------------------------------|--------------------|
| BGR-TRIM19                     | BGR-TRIM19B                   | BGR 19 space racks |
| BGR-TRIM25                     | BGR-TRIM25B                   | BGR 25 space racks |
| BGR-TRIM38                     | BGR-TRIM38B                   | BGR 38 space racks |
| BGR-TRIM41                     | BGR-TRIM41B                   | BGR 41 space racks |
| BGR-TRIM45                     | BGR-TRIM45B                   | BGR 45 space racks |

| Part#       | Cable Chase                                                    |
|-------------|----------------------------------------------------------------|
| BGR-CC-45FB | BGR front & back cable chase, 112mm width, fits 45 space racks |
| BGR-CC-41FB | BGR front & back cable chase, 112mm width, fits 41 space racks |
| BGR-CC-38FB | BGR front & back cable chase, 112mm width, fits 38 space racks |
| BGR-CC-38LT | BGR top cable chase, 112mm width, 965mm deep                   |
| BGR-CC-32LT | BGR top cable chase, 112mm width, 965mm deep                   |
| BGR-CC-27LT | BGR top cable chase, 112mm width, 965mm deep                   |

## Additional Options:



BGR-45EXT3  
76mm front or rear extender



BGR-CC-xxFB  
cable chase lift off



BGR-CC-xxLT  
cable chase top only



BGR-TRIMxx  
silver front trim kit



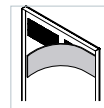
BGR-TRIMxxB  
black front trim kit



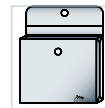
BGR-RDxx  
cable entry rear door



TDRIFT  
drift pins for ganging racks



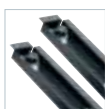
VBK-BGR  
vent blocker kit



DOC-SACK  
rear door document pocket



BGR-DT9  
duct cool adapter



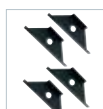
CBS-BGR  
caster kit



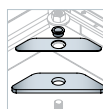
BS-BGR  
inner platform base



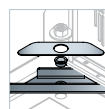
LF-HD  
leveling feet



BGR-Z4  
seismic anchor kit



BGR-ISO  
ground isolation kit



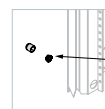
BGR-ISO-Z4  
seismic ground iso kit



BGR-STPx  
solid panels for 12 sp. top opening



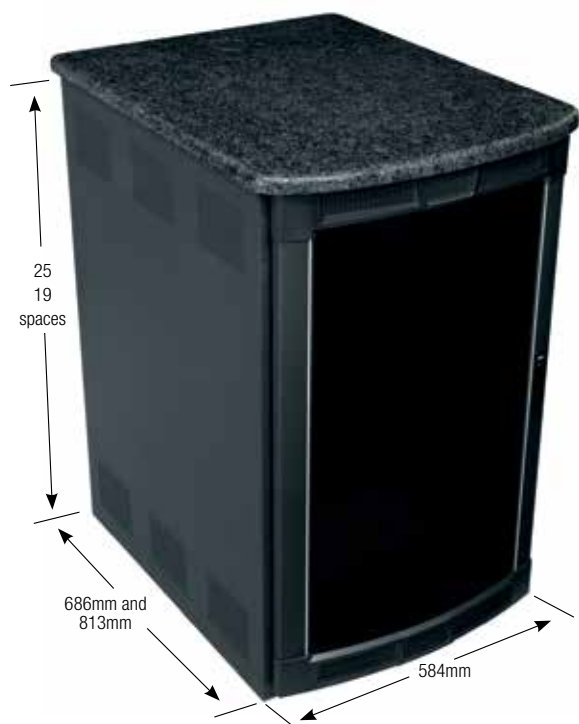
BGR-TRRx  
top rail reducer kits



GANG-10T  
ganging hardware



Lever Lock™  
see pg. 206



BGR-19SA27-MDK-DS

rugged and  
reliable



The **BGR-MDK Series** combines furniture elegance with a robust rolling steel enclosure. Attractive thermolamine top can accommodate video monitors.



- Breakthrough design provides high strength without extra weight
- Curved plexi front door, cable entry rear door, and thermolamine top
- Cable management rear door
- Efficient mounting Lever Lock™ system compatible (see pg. 206)
- Fixed solid sides for security and to control airflow
- Standard front and rear adjustable 10-32 threaded rackrail with numbered spaces
- Includes casters

## Certifications

- Seismic Certification
- UL/ETL Listed
- RoHS
- GREENGUARD
- OSHPD

## Market Solutions



Broadcast



Commercial  
AV



Residential  
AV



Security



Structured  
Cabling



Education



International  
Fan Available



## Product Information

| Part #            | Overall Height | Racking Height        | Overall Depth | Useable Depth |
|-------------------|----------------|-----------------------|---------------|---------------|
| BGR-19SA27MDK-XX* | 1003mm         | 845mm (19 rackspace)  | 797mm         | 619mm         |
| BGR-25SA27MDK-XX* | 1270mm         | 1111mm (25 rackspace) | 797mm         | 619mm         |
| BGR-25SA32MDK-XX* | 1270mm         | 1111mm (25 rackspace) | 797mm         | 746mm         |

\* XX indicates choice of color

## Top Finishes

For full selection of finishes, please refer to pg. 249



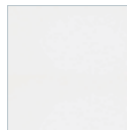
FIN-NM  
native maple



FIN-AS  
auburn stream



FIN-CN  
café noir



FIN-FT  
frost



FIN-NT  
nighttime

## Additional Options:



Monitor Mounts  
see pg. 144



Lever Lock™  
see pg. 206



## wide av stand-alone rack



The **WRK-SA Series** is designed for single-rack jobs that require large cable capacity and greater air-flow.

- Fully welded construction for strength
- 616mm overall width provides space for side cabling or cooling airflow
- Convenient lacing points and slotted rail brackets for cable management
- Standard front and rear adjustable 10-32 threaded rackrail with numbered spaces
- Extra-wide rackrail features cable pass-throughs to facilitate front-to-rear cabling
- Comes with standard configurable rear door see pg. 227 for thermal management kits (except LRD)

### Certifications

- Seismic Certification
- UL/ETL Listed
- RoHS
- GREENGUARD

### Market Solutions



Broadcast



Commercial  
AV



Residential  
AV



Security



Structured  
Cabling



Education



International  
Fan Available

### Power Solutions



100VAC



WRK-44SA-27



- Thermal Top Options pg. 46
- 240V Fans pg. 226
  - Fan Controller pg. 130



## Product Information

| Part #•      | Racking Height    | Overall Height | Useable Depth | Overall Depth | Caster Base | Add'l 10/32 Threaded Rackrail | Add'l Cage Nut Rackrail |
|--------------|-------------------|----------------|---------------|---------------|-------------|-------------------------------|-------------------------|
| WRK-24SA-27  | 1067mm (24 space) | 1222mm         | 654mm         | 702mm         | CBS-WRK-27  | WRK-RR24                      | PROWRK-RR24             |
| WRK-24SA-32  | 1067mm (24 space) | 1222mm         | 781mm         | 829mm         | CBS-WRK-32  | WRK-RR24                      | PROWRK-RR24             |
| WRK-37SA-27  | 1645mm (37 space) | 1800mm         | 654mm         | 702mm         | CBS-WRK-27  | WRK-RR37                      | PROWRK-RR37             |
| WRK-37SA-32  | 1645mm (37 space) | 1800mm         | 781mm         | 829mm         | CBS-WRK-32  | WRK-RR37                      | PROWRK-RR37             |
| WRK-40SA-27  | 1778mm (40 space) | 1934mm         | 654mm         | 702mm         | CBS-WRK-27  | WRK-RR40                      | PROWRK-RR40             |
| WRK-40SA-32  | 1778mm (40 space) | 1934mm         | 781mm         | 829mm         | CBS-WRK-32  | WRK-RR40                      | PROWRK-RR40             |
| WRK-44SA-27* | 1956mm (44 space) | 2111mm         | 654mm         | 702mm         | CBS-WRK-27  | WRK-RR44                      | PROWRK-RR44             |
| WRK-44SA-32* | 1956mm (44 space) | 2111mm         | 781mm         | 829mm         | CBS-WRK-32  | WRK-RR44                      | PROWRK-RR44             |

•available without rear door, suffix part # 'LRD'



Installation  
Helper

- Organize and route cables
- Vertical cable management pg. 214•
- Horizontal cable management pg. 210

## Options

Please refer to the enclosure options section on pgs. 44-50 or visit our website for more info.

**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.

| Fits<br>Part # | Front Doors |        |                          |                          |                 | Rear Doors            |                        |  | Solid<br>Top | Vented<br>Top | Duct-Cool™<br>Adapter Top | Fan Tops                             |                                         |                                        |
|----------------|-------------|--------|--------------------------|--------------------------|-----------------|-----------------------|------------------------|--|--------------|---------------|---------------------------|--------------------------------------|-----------------------------------------|----------------------------------------|
|                | Solid       | Plexi  | 25%<br>Open<br>Area Perf | 64%<br>Open<br>Area Perf | Plexi<br>Vented | 64% Open<br>Area Perf | 79% Perf<br>Split Door |  |              |               |                           | w/ (4) 119mm Fans<br>(380 CFM Total) | w/ (3) 152mm<br>Fans (660 CFM<br>Total) | w/ (1) 254mm<br>Fan (550 CFM<br>Total) |
| WRK-24SA-27    | FD-24       | PFD-24 | VFD-24                   | LVFD-24                  | -               | -                     | -                      |  | MW-ST        | MW-LVT        | MW-DT                     | 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-DT                     | 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-DT                     | 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-DT                     | 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-DT                     | 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-DT                     | 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-DT                     | 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-DT                     | MW-4FT-380CFM                        | MW-6FT-660CFM                           | MW-10FT-550CFM                         |



### presentation rack enclosure



The **WRK-24MDK Series** is designed for substantial cable and thermal needs combined with furniture elegance.

- Fully welded construction for strength
- 616mm overall width provides space for side cabling or cooling airflow
- Convenient lacing points and slotted rail brackets for cable management
- Standard front and rear adjustable 10-32 threaded rackrail with numbered spaces
- Extra-wide rackrail features cable pass-throughs to facilitate front-to-rear cabling
- Includes latching front plexi door and latching vented rear door
- Includes skirted wheel base
- Includes attractive laminate top that can accommodate video monitors

### Certifications

- Seismic Certification
- UL/ETL Listed
- RoHS
- GREENGUARD

### Market Solutions



Broadcast



Commercial  
AV



Residential  
AV



Security



Structured  
Cabling



Education



International  
Fan Available



## Product Information

| Part #    | Description                                                  |
|-----------|--------------------------------------------------------------|
| WRK-24MDK | 1067mm (24 space) x 826mm deep presentation enclosure system |
| MMB1X1C*  | single LCD mount, articulating, black finish                 |

\*12 kg. weight capacity



## Vertical Power

- PDT vertical power with up to 20 outlets to cover the entire rack. see pg. 176

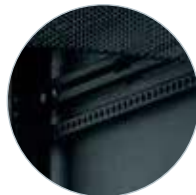
## Additional Options:



Monitor Mounts  
see pg. 144



## cost effective stand-alone rack



The **ERK Series** stand-alone rack has multi-bay capabilities for thermal management control, future growth or other purposes.

- Fully welded construction for strength
- Enclosure sides include top and bottom venting
- Convenient lacing points and slotted rail brackets for cable management
- Standard front adjustable 10-32 threaded rackrail with numbered spaces
- Comes with standard configurable rear door
- Ready-to-assemble knock down models are also available
- Preconfig version available see pg. 56

### Certifications

- Seismic Certification
- UL2416
- RoHS
- GREENGUARD

### Market Solutions



Broadcast



Commercial  
AV



Residential  
AV



Security



Structured  
Cabling



Education



International  
Fan Available

### Power Solutions



100VAC



ERK-4425

#### Customize the ERK

- choose from all the sizes, thermal options & accessories to customize the ERK for your application
- visit [middleatlantic.com/config](http://middleatlantic.com/config)





## Product Information

| Part #•  | Racking Height    | Overall Height | Useable Depth | Overall Depth | Skirted WheelBase<br>(adds 95mm) | Additional Rackrail |
|----------|-------------------|----------------|---------------|---------------|----------------------------------|---------------------|
| ERK-1820 | 800mm (18 space)  | 905mm          | 470mm         | 508mm         | CBS-ERK-20                       | ERK-RR18            |
| ERK-1825 | 800mm (18 space)  | 905mm          | 597mm         | 635mm         | CBS-ERK-25                       | ERK-RR18            |
| ERK-1828 | 800mm (18 space)  | 905mm          | 673mm         | 711mm         | CBS-ERK-28                       | ERK-RR18            |
| ERK-2120 | 933mm (21 space)  | 1038mm         | 470mm         | 508mm         | CBS-ERK-20                       | ERK-RR21            |
| ERK-2125 | 933mm (21 space)  | 1038mm         | 597mm         | 635mm         | CBS-ERK-25                       | ERK-RR21            |
| ERK-2128 | 933mm (21 space)  | 1038mm         | 673mm         | 711mm         | CBS-ERK-28                       | ERK-RR21            |
| ERK-2720 | 1200mm (27 space) | 1305mm         | 470mm         | 508mm         | CBS-ERK-20                       | ERK-RR27            |
| ERK-2725 | 1200mm (27 space) | 1305mm         | 597mm         | 635mm         | CBS-ERK-25                       | ERK-RR27            |
| ERK-2728 | 1200mm (27 space) | 1305mm         | 673mm         | 711mm         | CBS-ERK-28                       | ERK-RR27            |
| ERK-3520 | 1556mm (35 space) | 1661mm         | 470mm         | 508mm         | CBS-ERK-20                       | ERK-RR35            |
| ERK-3525 | 1556mm (35 space) | 1661mm         | 597mm         | 635mm         | CBS-ERK-25                       | ERK-RR35            |
| ERK-3528 | 1556mm (35 space) | 1661mm         | 673mm         | 711mm         | CBS-ERK-28                       | ERK-RR35            |
| ERK-4020 | 1778mm (40 space) | 1883mm         | 470mm         | 508mm         | CBS-ERK-20                       | ERK-RR40            |
| ERK-4025 | 1778mm (40 space) | 1883mm         | 597mm         | 635mm         | CBS-ERK-25                       | ERK-RR40            |
| ERK-4028 | 1778mm (40 space) | 1883mm         | 673mm         | 711mm         | CBS-ERK-28                       | ERK-RR40            |
| ERK-4420 | 1956mm (44 space) | 2061mm         | 470mm         | 508mm         | CBS-ERK-20                       | ERK-RR44            |
| ERK-4425 | 1956mm (44 space) | 2061mm         | 597mm         | 635mm         | CBS-ERK-25                       | ERK-RR44            |
| ERK-4428 | 1956mm (44 space) | 2061mm         | 673mm         | 711mm         | CBS-ERK-28                       | ERK-RR44            |

•available without rear door, suffix part # 'LRD'



Thermal Top Options pg. 46

- 240V Fans pg. 226
- Fan Controller pg. 130

## Options

Please refer to the enclosure options section on pgs. 44-50 or visit our website for more info.

| Fits<br>Part # | Front Doors |        |                       |                       | Rear Door                   |                | 64% Open<br>Area Perf<br>Top | Solid<br>Top | Vented<br>Top | Fan Tops                                |                                         |                                        |
|----------------|-------------|--------|-----------------------|-----------------------|-----------------------------|----------------|------------------------------|--------------|---------------|-----------------------------------------|-----------------------------------------|----------------------------------------|
|                | Solid*      | Plexi  | 25% Open<br>Area Perf | 64% Open<br>Area Perf | Top & Bottom<br>Slot Vented | Cable<br>Entry |                              |              |               | w/ (3) 119mm<br>Fans (285 CFM<br>Total) | w/ (2) 152mm<br>Fans (440 CFM<br>Total) | w/ (1) 254mm<br>Fan (550 CFM<br>Total) |
| ERK-1820       | FD-18       | PFD-18 | VFD-18                | LVFD-18               | ERK-VRD-18                  | ERK-RDC18      | —                            | —            | —             | —                                       | —                                       | —                                      |
| ERK-1825       | FD-18       | PFD-18 | VFD-18                | LVFD-18               | ERK-VRD-18                  | ERK-RDC18      | —                            | —            | —             | —                                       | —                                       | —                                      |
| ERK-1828       | FD-18       | PFD-18 | VFD-18                | LVFD-18               | ERK-VRD-18                  | ERK-RDC18      | —                            | —            | —             | —                                       | —                                       | —                                      |
| ERK-2120       | FD-21       | PFD-21 | VFD-21                | LVFD-21               | ERK-VRD-21                  | ERK-RDC21      | —                            | —            | —             | —                                       | —                                       | —                                      |
| ERK-2125       | FD-21       | PFD-21 | VFD-21                | LVFD-21               | ERK-VRD-21                  | ERK-RDC21      | —                            | —            | —             | —                                       | —                                       | —                                      |
| ERK-2128       | FD-21       | PFD-21 | VFD-21                | LVFD-21               | ERK-VRD-21                  | ERK-RDC21      | —                            | —            | —             | —                                       | —                                       | —                                      |
| ERK-2720       | FD-27       | PFD-27 | VFD-27                | —                     | ERK-VRD-27                  | ERK-RDC27      | —                            | —            | —             | —                                       | —                                       | —                                      |
| ERK-2725       | FD-27       | PFD-27 | VFD-27                | —                     | ERK-VRD-27                  | ERK-RDC27      | —                            | —            | —             | —                                       | —                                       | —                                      |
| ERK-2728       | FD-27       | PFD-27 | VFD-27                | —                     | ERK-VRD-27                  | ERK-RDC27      | —                            | —            | —             | —                                       | —                                       | —                                      |
| ERK-3520       | FD-35       | PFD-35 | VFD-35                | LVFD-35               | ERK-VRD-35                  | ERK-RDC35      | 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-RDC35      | ERK-LVT                      | ERK-ST       | ERK-VT        | ERK-4FT-285CFM                          | ERK-6FT-440CFM                          | ERK-10FT-550CFM                        |
| ERK-3528       | FD-35       | PFD-35 | VFD-35                | LVFD-35               | ERK-VRD-35                  | ERK-RDC35      | 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-RDC40      | 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-RDC40      | ERK-LVT                      | ERK-ST       | ERK-VT        | ERK-4FT-285CFM                          | ERK-6FT-440CFM                          | ERK-10FT-550CFM                        |
| ERK-4028       | FD-40       | PFD-40 | VFD-40                | LVFD-40               | ERK-VRD-40                  | ERK-RDC40      | 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-RDC44      | 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-RDC44      | ERK-LVT                      | ERK-ST       | ERK-VT        | ERK-4FT-285CFM                          | ERK-6FT-440CFM                          | ERK-10FT-550CFM                        |
| ERK-4428       | FD-44       | PFD-44 | VFD-44                | LVFD-44               | ERK-VRD-44                  | ERK-RDC44      | ERK-LVT                      | ERK-ST       | ERK-VT        | ERK-4FT-285CFM                          | ERK-6FT-440CFM                          | ERK-10FT-550CFM                        |

| Additional<br>Options | Part #        | Description                            | Additional Depth | Racking Height | Finish            |
|-----------------------|---------------|----------------------------------------|------------------|----------------|-------------------|
|                       | ERK-44-F-EXT3 | front extender                         | 76mm             | 44 space       | black powder coat |
|                       | ERK-44-R-EXT3 | rear extender                          | 76mm             | 44 space       | black powder coat |
|                       | ERK-40-F-EXT3 | front extender                         | 76mm             | 40 space       | black powder coat |
|                       | ERK-40-R-EXT3 | rear extender                          | 76mm             | 40 space       | black powder coat |
|                       | PET-K-RD      | pet kit, for rear door to rack bonding |                  |                |                   |
|                       | PET-K-RDC     | pet kit, rear cable door to rack       |                  |                |                   |
|                       | PET-K-EXT     | pet kit, door extender to rack         |                  |                |                   |



## knock down & cost effective



The **ERK-KD Series** stand-alone rack with multi-bay capabilities in a knock-down version for ease of transportation.

- Knock down design allows for flat shipment
- Electrical knockouts on rear plates
- Laser-cut 3mm thick internal steel braces for strength
- Standard front adjustable 10-32 threaded rackrail with numbered spaces
- Open, configurable top knockouts

### Certifications

- UL2416
- RoHS
- GREENGUARD

### Market Solutions



Broadcast



Commercial  
AV



Residential  
AV



Security



Structured  
Cabling



Education



International  
Fan Available

### Power Solutions



100VAC





## Product Information

| Part #•     | Racking Height    | Overall Height | Useable Depth | Overall Depth | Skirted WheelBase (adds 95mm) | Additional Rackrail |
|-------------|-------------------|----------------|---------------|---------------|-------------------------------|---------------------|
| ERK-1025KD* | 445mm (10 space)  | 549mm          | 597mm         | 635mm         | CBS-ERK-25                    | ERK-RR10            |
| ERK-1825KD* | 800mm (18 space)  | 905mm          | 597mm         | 635mm         | CBS-ERK-25                    | ERK-RR18            |
| ERK-2125KD* | 933mm (21 space)  | 1038mm         | 597mm         | 635mm         | CBS-ERK-25                    | ERK-RR21            |
| ERK-3525KD* | 1556mm (35 space) | 1661mm         | 597mm         | 635mm         | CBS-ERK-25                    | ERK-RR235           |
| ERK-4425KD* | 1956mm (44 space) | 2061mm         | 597mm         | 635mm         | CBS-ERK-25                    | ERK-RR25            |

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



Get 20 Outlets

- PDT vertical power with up to 20 outlets to cover the entire rack. see pg. 176

## Options

Please refer to the enclosure options section on pgs. 44-50 or visit our website for more info.

| Fits Part # | Front Doors |        |                    |                    | Rear Door                |             | 64% Open Area Perf Top | Vented Top | Fan Tops                          |                                   |                                  |
|-------------|-------------|--------|--------------------|--------------------|--------------------------|-------------|------------------------|------------|-----------------------------------|-----------------------------------|----------------------------------|
|             | Solid       | Plexi  | 25% Open Area Perf | 64% Open Area Perf | Top & Bottom Slot Vented | Cable Entry |                        |            | w/ (3) 119mm Fans (285 CFM Total) | w/ (2) 152mm Fans (440 CFM Total) | w/ (1) 254mm Fan (550 CFM Total) |
| ERK-1025KD  | FD-10       | PFD-10 | VFD-10             | LVFD-10            | ERK-VRD-10               | —           | —                      | —          | —                                 | —                                 | —                                |
| ERK-1825KD  | FD-18       | PFD-18 | VFD-18             | LVFD-18            | ERK-VRD-18               | ERK-RDC18   | —                      | —          | —                                 | —                                 | —                                |
| ERK-2125KD  | FD-21       | PFD-21 | VFD-21             | LVFD-21            | ERK-VRD-21               | ERK-RDC21   | —                      | —          | —                                 | —                                 | —                                |
| ERK-3525KD  | FD-35       | PFD-35 | VFD-35             | LVFD-35            | ERK-VRD-35               | ERK-RDC35   | ERK-LVT                | ERK-VT     | ERK-4FT-285CFM                    | ERK-6FT-440CFM                    | ERK-10FT-550CFM                  |
| ERK-4425KD  | FD-44       | PFD-44 | VFD-44             | LVFD-44            | ERK-VRD-44               | ERK-RDC44   | ERK-LVT                | ERK-VT     | ERK-4FT-285CFM                    | ERK-6FT-440CFM                    | ERK-10FT-550CFM                  |

| Additional Options | Part #        | Description                            | Additional Depth | Racking Height | Finish            |
|--------------------|---------------|----------------------------------------|------------------|----------------|-------------------|
|                    | ERK-44-F-EXT3 | front extender                         | 76mm             | 44 space       | black powder coat |
|                    | ERK-44-R-EXT3 | rear extender                          | 76mm             | 44 space       | black powder coat |
|                    | ERK-40-F-EXT3 | front extender                         | 76mm             | 40 space       | black powder coat |
|                    | ERK-40-R-EXT3 | rear extender                          | 76mm             | 40 space       | black powder coat |
|                    | PET-K-RD      | pet kit, for rear door to rack bonding |                  |                |                   |
|                    | PET-K-RDC     | pet kit, rear cable door to rack       |                  |                |                   |
|                    | PET-K-EXT     | pet kit, door extender to rack         |                  |                |                   |



BS-MRK-31

### Inner Platform Base

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

| Part #    | Fits | Rack Depth |
|-----------|------|------------|
| BS-BGR    | BGR  | all        |
| BS-MRK-26 | MRK  | 660mm      |
| BS-MRK-31 | MRK  | 787mm      |
| BS-MRK-36 | MRK  | 914mm      |
| BS-MRK-42 | MRK  | 1067mm     |
| BS-WRK-27 | WRK  | 686mm      |
| BS-WRK-32 | WRK  | 813mm      |



5WR

### Swivel Casters

Bolt to bottom of all ERK and Slim 5 series rack systems adding 98mm overall height.

| Part # | Description                               | Weight Capacity | Fits        |
|--------|-------------------------------------------|-----------------|-------------|
| 5W     | set of 4 commercial grade casters         | 590 kg          | ERK, Slim 5 |
| 5WL    | set of 4 commercial locking grade casters | 590 kg          | ERK, Slim 5 |
| 5WR    | set of 4 fine floor casters               | 318 kg          | ERK, Slim 5 |
| 5WLR   | set of 4 locking fine floor casters       | 318 kg          | ERK, Slim 5 |



CBS-ERK-20R

### Skirted Caster Bases

Adds 95mm overall height. Commercial grade casters are UL Listed and have a weight capacity of 590 kg Fine floor casters protect flooring with a weight capacity of 318 kg.

| Commercial Grade Caster Base Part # | Fine Floor Caster Base Part # | Fits   | Rack Depth |
|-------------------------------------|-------------------------------|--------|------------|
| CBS-5                               | CBS-5R                        | Slim 5 | 508mm      |
| CBS-5-26                            | CBS-5-26R                     | Slim 5 | 660mm      |
| CBS-ERK-20                          | CBS-ERK-20R                   | ERK    | 508mm      |
| CBS-ERK-25                          | CBS-ERK-25R                   | ERK    | 635mm      |



CBS-MRK-31

### Recessed Caster Bases

Adds 24mm overall height. Wheels come pre-installed and work with LF leveling feet. Commercial grade casters are UL Listed and have a weight capacity of 590 kg. The fine floor casters protect flooring with a weight capacity of 318 kg

| Commercial Grade Caster Base Part # | Fine Floor Caster Base Part # | Fits | Rack Depth |
|-------------------------------------|-------------------------------|------|------------|
| CBS-BGR                             |                               | BGR  | all        |
| CBS-WRK-27                          | CBS-WRK-27R                   | WRK  | 686mm      |
| CBS-WRK-32                          | CBS-WRK-32R                   | WRK  | 813mm      |
| CBS-MRK-26                          | CBS-MRK-26R                   | MRK  | 660mm      |
| CBS-MRK-31                          | CBS-MRK-31R                   | MRK  | 787mm      |
| CBS-MRK-36                          | CBS-MRK-36R                   | MRK  | 914mm      |
| CBS-DRK-31                          |                               | DRK  | 787mm      |
| CBS-DRK-36                          |                               | DRK  | 914mm      |



see rack series  
pgs. for more  
options



### Seismic Floor Anchor Brackets

Anchoring bracket set supports a seismic-certified installation and can be used to reinforce any mission-critical application. One set required per rack.

| Part #   | Fits           |
|----------|----------------|
| BGR-Z4   | BGR            |
| WRK-Z4   | WRK            |
| MRK-Z4   | MRK, DRK, VMRK |
| VRK-Z4   | VRK            |
| ERK-Z4   | ERK            |
| SNE24-Z4 | 610mm wide SNE |
| SNE27-Z4 | 701mm wide SNE |
| SNE30-Z4 | 762mm wide SNE |
| WMRK-Z4  | WMRK           |



WMRK-Z4

### Leveling Feet

Adjustable leveling feet fit Middle Atlantic floor standing steel racks that can be adjusted with a flat blade screwdriver or hex driver. One set required per rack.

| Part # | Description             | Fits                             |
|--------|-------------------------|----------------------------------|
| LF     | 10mm leveling feet      | DRK, ERK, WRK, WRK-SA, VMRK, MRK |
| LF-HD  | 13mm leveling feet      | BRG, BGR-SA, WMRK, SNE           |
| LF-ISO | isolation leveling feet | DRK, ERK, WRK, WRK-SA, VMRK, MRK |



LF

### Ganging Hardware

Time-saving ganging hardware provides easy field alignment and joining of multi-bay enclosures.

| Part #   | Description                                            |
|----------|--------------------------------------------------------|
| DRIFT    | set of two tapered drift pins                          |
| MAG-1/2  | set of two 13mm magnetic sockets                       |
| GANG-10  | 8mm nuts/bolts to gang 10 racks or consoles            |
| GANG-10T | 8mm bolts for ganging BGR and SNE via threaded inserts |
| TDRIFT   | ganging drift pins, non-tapered                        |



DRIFT

### Spike, Rack Bonding Kits

Combines ganging and electrical bonding in one step by piercing powder coat finish at bonding points without removing paint.

- Eliminates bonding wires between racks
- Provides low impedance ground
- Displaces powder coat finish without corrosion protection of painted surface
- Does not require anti-oxidant protection
- Durable and visible green finish

| Part #   | Description                                               |
|----------|-----------------------------------------------------------|
| BOND-G24 | 24 sets, 1 installation tool, 4 sets recommended per rack |



BOND-G24



see rack series  
pgs. for more  
options



MW-VT

## Solid and Vented Top Options

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

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



- Organize cables
- Brush grommet panel pg. 213



MW-4FT

## Fan Top Options - Non-Populated

Top options accept 119mm, 152mm or 254mm fans for active thermal management. See pg. 226 for fans.

| Part #   | Fits                         | Fan Openings                                        | Style                                                                                                                  |
|----------|------------------------------|-----------------------------------------------------|------------------------------------------------------------------------------------------------------------------------|
| ERK-4FT  | ERK, WMRK                    | laser knockouts                                     | mounts up to four 119mm fans (MW-4FT) or three 119mm fans (ERK-4FT)                                                    |
| ERK-6FT  | ERK, WMRK                    | laser knockouts (MW-6FT) & finished holes (ERK-6FT) | mounts up to three 152mm fans (MW-6FT) or two 152mm fans (ERK-6FT)                                                     |
| ERK-10FT | ERK, WMRK                    | finished hole                                       | mounts one 254mm fan                                                                                                   |
| MW-4FT   | DRK, MRK, VRK, VMRK, WR, WRK | laser knockouts                                     | mounts up to four 119mm fans (MW-4FT) or three 119mm fans (ERK-4FT) or up to 4 grommets (GK-4G) for cable pass-through |
| MW-6FT   | DRK, MRK, VRK, VMRK, WR, WRK | laser knockouts (MW-6FT) & finished holes (ERK-6FT) | mounts up to three 152mm fans (MW-6FT) or two 152mm fans (ERK-6FT)                                                     |
| MW-10FT  | DRK, MRK, VRK, VMRK, WR, WRK | finished hole                                       | mounts one 254mm fan                                                                                                   |

## Top Options - Including Fans

Ships assembled. Integrated fan tops include 119mm, 152mm or 254mm fans, fan guards.



MW-6FT-660CFM

| Part #          | Fits        | # of Fans              | Free Air CFM |
|-----------------|-------------|------------------------|--------------|
| IBGR-276FT*     | BGR         | four quiet fans        | 276          |
| IBGR-552FT*     | BGR         | eight quiet 119mm fans | 552          |
| ERK-4FT-285CFM  | ERK, WMRK   | three 119mm fans       | 285          |
| ERK-6FT-440CFM  | ERK, WMRK   | two 152mm fans         | 440          |
| ERK-10FT-550CFM | ERK, WMRK   | one 254mm fan          | 550          |
| MW-4FT-380CFM   | CBS-MRK-26R | four 119mm fans        | 380          |
| MW-6FT-660CFM   | CBS-MRK-31R | three 152mm fans       | 660          |
| MW-10FT-550CFM  | CBS-MRK-36R | one 254mm fan          | 550          |

\*Power supply wide range input 100VAC – 2240VAC and 50/60Hz compatible



see rack series  
pgs. for more  
options

## 240V THERMAL MANAGEMENT OPTION



Fans: (2) IFAN2-DC  
pg. 226

+



Fan Controller:  
FC-DC pg. 130

+



Top Options: ERK-4FT  
or MW-4FT



### Thermostatically Controlled Integrated Fan Top Options

Fan tops ship fully assembled and include 119mm, 152mm or 254mm 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 #         | Fits                     | # of Fans              | Free Air CFM |
|----------------|--------------------------|------------------------|--------------|
| IBGR-276FT-FC* | BGR                      | four quiet 119mm fans  | 276          |
| IBGR-552FT-FC* | BGR                      | eight quiet 119mm fans | 552          |
| ERK-4QFT-FC    | ERK, WMRK                | three quiet 119mm fans | 165          |
| ERK-10FT-FC    | ERK, WMRK                | one 254mm fan          | 550          |
| MW-4QFT-FC     | DRK, MRK, VRK, VMRK, WRK | four quiet 119mm fans  | 220          |
| MW-10FT-FC     | DRK, MRK, VRK, VMRK, WRK | one 254mm fan          | 550          |

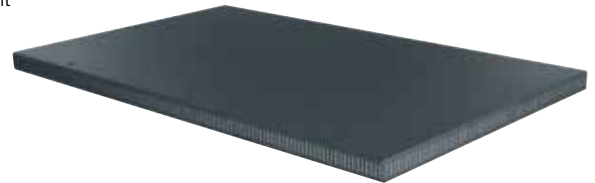
\*Power supply wide range input 100VAC – 2240VAC and 50/60Hz compatible



### Vented Pagoda Top Options

Maintain enclosure temperatures through natural convection while minimizing the amount of dust and debris that can fall into the rack, and adds 38mm to the top of the rack.

| Part #                                                               | Style                                  |
|----------------------------------------------------------------------|----------------------------------------|
| MW-PVTxx                                                             | vented pagoda top, MRK, VRK, VMRK only |
| xx = depth of MRK, VRK and VMRK only (660mm, 787mm, 914mm or 1067mm) |                                        |



MV-PVT

### 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 in racks.

| Part #  | Fits                     |
|---------|--------------------------|
| ERK-DT  | ERK, WMRK                |
| MW-DT   | DRK, MRK, VRK, VMRK, WRK |
| BGR-DT9 | BGR                      |

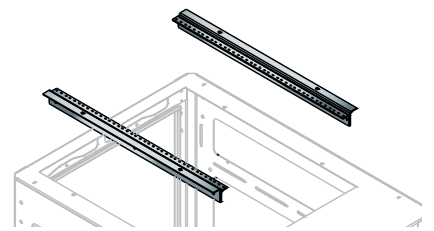


ERK-DT

### Top Rail Kit

Convert the top into useable rackspace. Can be used in conjunction with our connector panels to allow for customizable connections in the top of the rack.

| Part # | Fits                        | Description           |
|--------|-----------------------------|-----------------------|
| MW-TR  | WRK, MRK, VRK, VMRK, or DRK | 13 space top rail kit |



MW-TR

### Ladder Adapter Top Option

Adapter used to connect cable ladder to the top of racks or cabinets.

| Part # | Fits                     | Cable Ladder Sizes  |
|--------|--------------------------|---------------------|
| MK-LA  | MK, RLA, RL              | 305mm               |
| MW-LA  | DRK, MRK, VRK, VMRK, WRK | 152mm, 229mm, 305mm |



MW-LA

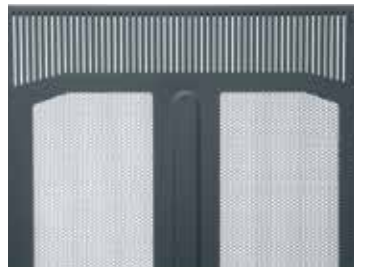


see rack series  
pgs. for more  
options



## 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.



BVFD-45



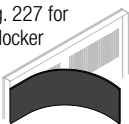
PFD-45



VFD-45

| Solid Part # | Plexi Part # | Curved Plexi Part # | 25% Open Area Perf Vented Part # | 64% Open Area Perf Vented Part # | Curved Vented Part # | Plexi Vented Part # | Solid Split Part # | 79% Open Area Split Perf Part # | Fully Vented Part # | Fits                              | # of Rackspaces |
|--------------|--------------|---------------------|----------------------------------|----------------------------------|----------------------|---------------------|--------------------|---------------------------------|---------------------|-----------------------------------|-----------------|
| BFD-19       | BPFD-19      | PFD-19A             | —                                | —                                | VFD-19A              | BVFD-19             | —                  | —                               | —                   | BGR                               | 19              |
| BFD-25       | BPFD-25      | PFD-25A             | —                                | —                                | VFD-25A              | BVFD-25             | —                  | —                               | —                   | BGR                               | 25              |
| BFD-38       | BPFD-38      | PFD-38A             | —                                | —                                | VFD-38A              | BVFD-38             | —                  | —                               | —                   | BGR                               | 38              |
| BFD-41       | BPFD-41      | PFD-41A             | —                                | —                                | VFD-41A              | BVFD-41             | —                  | —                               | —                   | BGR                               | 41              |
| BFD-45       | BPFD-45      | PFD-45A             | —                                | —                                | VFD-45A              | BVFD-45             | —                  | —                               | —                   | BGR                               | 45              |
| —            | DPFD-44      | —                   | DVFD-44                          | DLVRD-447                        | —                    | DPVFD-44            | DCRD-44            | DCLVRD-44                       | DFVRD-44            | DRK                               | 44              |
| FD-8         | PFD-8        | —                   | VFD-8                            | LVFD-8                           | —                    | —                   | —                  | —                               | —                   | DWR, ERK, MRK, SR, VRK, VMRK, WRK | 8               |
| FD-10        | PFD-10       | —                   | VFD-10                           | LVFD-10                          | —                    | —                   | —                  | —                               | —                   | DWR, ERK, MRK, SR, VRK, VMRK, WRK | 10              |
| FD-12        | PFD-12       | —                   | VFD-12                           | LVFD-12                          | —                    | —                   | —                  | —                               | —                   | DWR, ERK, MRK, SR, VRK, VMRK, WRK | 12              |
| FD-16        | PFD-16       | —                   | VFD-16                           | LVFD-16                          | —                    | —                   | —                  | —                               | —                   | DWR, ERK, MRK, SR, VRK, VMRK, WRK | 16              |
| FD-18        | PFD-18       | —                   | VFD-18                           | LVFD-18                          | —                    | —                   | —                  | —                               | —                   | DWR, ERK, MRK, SR, VRK, VMRK, WRK | 18              |
| FD-21        | PFD-21       | —                   | VFD-21                           | LVFD-21                          | —                    | —                   | —                  | —                               | —                   | DWR, ERK, MRK, SR, VRK, VMRK, WRK | 21              |
| FD-24        | PFD-24       | —                   | VFD-24                           | LVFD-24                          | —                    | —                   | —                  | —                               | —                   | DWR, ERK, MRK, SR, VRK, VMRK, WRK | 24              |
| FD-27        | PFD-27       | —                   | VFD-27                           | LVFD-27                          | —                    | —                   | —                  | —                               | —                   | DWR, ERK, MRK, SR, VRK, VMRK, WRK | 27              |
| FD-35        | PFD-35       | —                   | VFD-35                           | LVFD-35                          | —                    | —                   | —                  | —                               | —                   | DWR, ERK, MRK, SR, VRK, VMRK, WRK | 35              |
| FD-37        | PFD-37       | —                   | VFD-37                           | LVFD-37                          | —                    | —                   | —                  | —                               | —                   | DWR, ERK, MRK, SR, VRK, VMRK, WRK | 37              |
| FD-40        | PFD-40       | —                   | VFD-40                           | LVFD-40                          | —                    | —                   | —                  | —                               | —                   | DWR, ERK, MRK, SR, VRK, VMRK, WRK | 40              |
| FD-42        | PFD-42       | —                   | VFD-42                           | LVFD-42                          | —                    | —                   | —                  | —                               | —                   | DWR, ERK, MRK, SR, VRK, VMRK, WRK | 42              |
| FD-44        | PFD-44       | —                   | VFD-44                           | LVFD-44                          | —                    | PVFD-44             | —                  | —                               | —                   | DWR, ERK, MRK, SR, VRK, VMRK, WRK | 44              |
| FD-45        | PFD-45       | —                   | VFD-45                           | LVFD-45                          | —                    | —                   | —                  | —                               | —                   | DWR, ERK, MRK, SR, VRK, VMRK, WRK | 45              |
| FD-46        | PFD-46       | —                   | VFD-46                           | LVFD-46                          | —                    | —                   | —                  | —                               | —                   | DWR, ERK, MRK, SR, VRK, VMRK, WRK | 46              |
| FD-54        | PFD-54       | —                   | VFD-54                           | LVFD-54                          | —                    | —                   | —                  | —                               | —                   | DWR, ERK, MRK, SR, VRK, VMRK, WRK | 54              |

see pg. 227 for  
vent blocker  
kits



see rack series  
pgs. for more  
options





## Rear Doors

Substitute a vented rear door for a solid rear door in selected sizes. Black textured powder coat finish. 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.



DCLVRD-44



MW-LVRD-44



MW-CRD-44

| Solid Split Part # | Top & Bottom Vented Slot Vented Part # | Slot Vents Fully Vented Part # | 64% Open Area Split Perf Part # | 79% Open Area Perf Part # | Fits                | # of Rackspace |
|--------------------|----------------------------------------|--------------------------------|---------------------------------|---------------------------|---------------------|----------------|
| —                  | ERK-VRD-18                             | —                              | —                               | —                         | ERK                 | 18             |
| —                  | ERK-VRD-21                             | —                              | —                               | —                         | ERK                 | 21             |
| MW-CRD-24          | —                                      | —                              | —                               | MW-CLVRD-24               | MRK, VRK, VMRK, WRK | 24             |
| —                  | ERK-VRD-27                             | —                              | —                               | —                         | ERK                 | 27             |
| —                  | ERK-VRD-35                             | —                              | —                               | —                         | ERK                 | 35             |
| —                  | —                                      | —                              | —                               | —                         | MRK, VRK, VMRK, WRK | 40             |
| MW-CRD-42          | —                                      | —                              | —                               | MW-CLVRD-42               | MRK, VRK, VMRK, WRK | 42             |
| DCRD-44            | DVRD-44                                | DFVRD-44                       | DSVRD-44                        | DCLVRD-44                 | DRK                 | 44             |
| —                  | ERK-VRD-44                             | —                              | —                               | —                         | ERK                 | 44             |
| MW-CRD-44          | MW-VRD-44                              | —                              | MW-LVRD-44                      | MW-CLVRD-44               | MRK, VRK, VMRK, WRK | 44             |
| MW-CRD-45          | —                                      | —                              | —                               | MW-CLVRD-45               | MRK, VRK, VMRK, WRK | 45             |

## High CFM Split Rear Doors

Protect equipment from the damaging effects of heat from servers, NVR's and DVR's with the adjustable 6 fan High CFM Rear Door. This cupboard style split rear door pulls hot air from the rear of the cabinet and directs it up towards return air ducts. Fan placement is adjustable for optimal airflow and up to 10 additional fans can be added for 3,520 CFM of free air movement. Two adjustable half blank panels included for versatile fan arrangement. Additional half blank panels are available for greater control of fan placement.

- Removes heat from high density installations such as servers and DVRs
- Split rear door design pulls hot air from rear and directs it upwards
- Fan placement is adjustable to match project needs
- Comes with 6 fans, together rated at 1,320 CFM in free air
- Up to 10 additional fans can be added for up to 3,520 CFM of movement

| Part #      | Description                                 | Fits          | Additional 13mm 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 152mm fan for MW-CFRD and D-CFRD |               |                                          | 220          |
| FC-CFRD     | fan controller, 1 rackspace                 |               |                                          |              |



MW-CFRD-1/2PNL-44

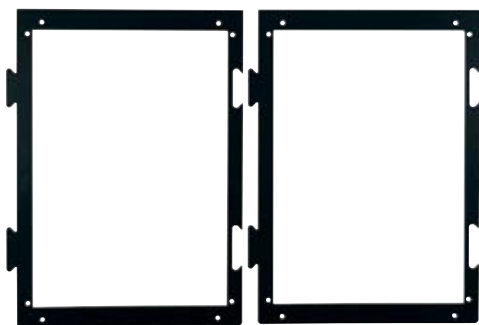


MW-CFRD-45

## Power Solutions



100VAC



MRK-TEMP-26

### Rack Base Templates

Use these handy bottom templates for pre-installation of floor anchor bolts prior to the arrival of the racks. Conveniently keyed to interlock, use two and “leapfrog” them to layout entire bays of racks.

| Part #      | Description                   |
|-------------|-------------------------------|
| BGR-TEMP-27 | bottom template for BGR-XX-27 |
| BGR-TEMP-32 | bottom template for BGR-XX-32 |
| BGR-TEMP-38 | bottom template for BGR-XX-38 |
| MRK-TEMP-26 | bottom template for MRK-XX-26 |
| MRK-TEMP-31 | bottom template for MRK-XX-31 |
| MRK-TEMP-36 | bottom template for MRK-XX-36 |
| WRK-TEMP-27 | bottom template for WRK-XX-27 |
| WRK-TEMP-32 | bottom template for WRK-XX-32 |



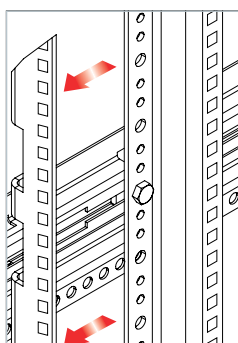
RBA-W44-2



### Rail Bracket Adapters

Adapters allow for the vertical mounting of rack panels or electronics between rackrail brackets.

| Part #     | Description     | Fits             |
|------------|-----------------|------------------|
| RBA-W44-1  | 1 space adapter | 44 space WRK     |
| RBA-W44-2  | 2 space adapter | 44 space WRK     |
| RBA-W44-3  | 3 space adapter | 44 space WRK     |
| RBA-MV44-1 | 1 space adapter | 44 space MRK/VRK |
| RBA-MV44-2 | 2 space adapter | 44 space MRK/VRK |
| RBA-MV44-3 | 3 space adapter | 44 space MRK/VRK |



PROWMRK-ZRA-42

### Z-Rail Adapters

The Z-Rail adapters convert standard rackrail to “Z” style to supports side mounted applications. Sold in pairs.

| Part #         | Fits             |
|----------------|------------------|
| MV-ZRA-44      | 44 space MRK/VRK |
| PROR4CN-ZRA45  | 45 space R4CN    |
| PROR4CN-ZRA51  | 51 space R4CN    |
| PROWMRK-ZRA-24 | 24 space WMRK    |
| PROWMRK-ZRA-42 | 42 space WMRK    |
| PROWMRK-ZRA-45 | 45 space WMRK    |

see rack series  
pgs. for more  
options



### SRB Series, Seismic Riser Bases

- Allows for field rough-in prior to arrival of racks and enclosures
- Acts as a lower cable chase for passing cables between racks
- Heavy-gauge welded steel construction, with black powder coat finish



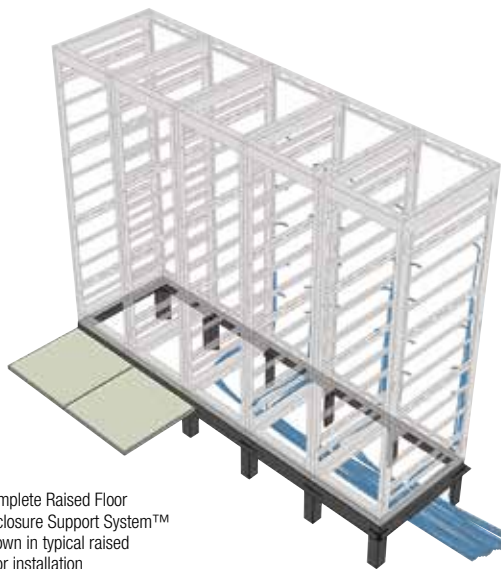
| Part #         | Bays | Accommodates                        | Seismic Brackets<br>(1 set required per rack) |
|----------------|------|-------------------------------------|-----------------------------------------------|
| SRB-1-BGR-3224 | 1    | BGR 813mm depth racks               | BGR-Z4/BGR-ISO-Z4                             |
| SRB-2-BGR-3224 | 2    | BGR 813mm depth racks               | BGR-Z4/BGR-ISO-Z4                             |
| SRB-3-BGR-3224 | 3    | BGR 813mm depth racks               | BGR-Z4/BGR-ISO-Z4                             |
| SRB-1-BGR-3824 | 1    | BGR 965mm depth racks               | BGR-Z4/BGR-ISO-Z4                             |
| SRB-2-BGR-3824 | 2    | BGR 965mm depth racks               | BGR-Z4/BGR-ISO-Z4                             |
| SRB-3-BGR-3824 | 3    | BGR 965mm depth racks               | BGR-Z4/BGR-ISO-Z4                             |
| SRB-1-DRK-3124 | 1    | DRK 787mm depth racks               | MRK-Z4                                        |
| SRB-2-DRK-3124 | 2    | DRK 787mm depth racks               | MRK-Z4                                        |
| SRB-1-DRK-3624 | 1    | DRK 914mm depth racks               | MRK-Z4                                        |
| SRB-2-DRK-3624 | 2    | DRK 914mm depth racks               | MRK-Z4                                        |
| SRB-1-DRK-4224 | 1    | DRK 1067mm depth racks              | MRK-Z4                                        |
| SRB-2-DRK-4224 | 2    | DRK 1067mm depth racks              | MRK-Z4                                        |
| SRB-1-DRK-4824 | 1    | DRK 1219mm depth racks              | MRK-Z4                                        |
| SRB-2-DRK-4824 | 2    | DRK 1219mm depth racks              | MRK-Z4                                        |
| SRB-1-MRK-2624 | 1    | MRK 660mm depth racks               | MRK-Z4                                        |
| SRB-2-MRK-2624 | 2    | MRK 660mm depth racks               | MRK-Z4                                        |
| SRB-3-MRK-2624 | 3    | MRK 660mm depth racks               | MRK-Z4                                        |
| SRB-1-MRK-3124 | 1    | MRK 787mm & VRK 787mm depth racks   | MRK-Z4, VRK-Z4                                |
| SRB-2-MRK-3124 | 2    | MRK 787mm & VRK 787mm depth racks   | MRK-Z4, VRK-Z4                                |
| SRB-3-MRK-3124 | 3    | MRK 787mm & VRK 787mm depth racks   | MRK-Z4, VRK-Z4                                |
| SRB-1-MRK-3624 | 1    | MRK 914mm & VRK 914mm depth racks   | MRK-Z4, VRK-Z4                                |
| SRB-2-MRK-3624 | 2    | MRK 914mm & VRK 914mm depth racks   | MRK-Z4, VRK-Z4                                |
| SRB-3-MRK-3624 | 3    | MRK 914mm & VRK 914mm depth racks   | MRK-Z4, VRK-Z4                                |
| SRB-1-MRK-4224 | 1    | MRK 1067mm & VRK 1067mm depth racks | MRK-Z4, VRK-Z4                                |
| SRB-2-MRK-4224 | 2    | MRK 1067mm & VRK 1067mm depth racks | MRK-Z4, VRK-Z4                                |
| SRB-3-MRK-4224 | 3    | MRK 1067mm & VRK 1067mm depth racks | MRK-Z4, VRK-Z4                                |
| SRB-1-MRK-4824 | 1    | MRK 1219mm & VRK 1219mm depth racks | MRK-Z4, VRK-Z4                                |
| SRB-2-MRK-4824 | 2    | MRK 1219mm & VRK 1219mm depth racks | MRK-Z4, VRK-Z4                                |
| SRB-3-MRK-4824 | 3    | MRK 1219mm & VRK 1219mm depth racks | MRK-Z4, VRK-Z4                                |

**Custom heights & depths available on request 229mm- 610mm.**

| Part #           | Bays | Accommodates            | Seismic Brackets<br>(1 set required per rack) |
|------------------|------|-------------------------|-----------------------------------------------|
| SRB-1-SNE24-3624 | 1    | SNE 914mm depth racks   | SNE24-Z4                                      |
| SRB-2-SNE24-3624 | 2    | SNE 914mm depth racks   | SNE24-Z4                                      |
| SRB-1-SNE24-4224 | 1    | SNE 1067mm depth racks  | SNE24-Z4                                      |
| SRB-2-SNE24-4224 | 2    | SNE 1067mm depth racks  | SNE24-Z4                                      |
| SRB-1-SNE24-4824 | 1    | SNE 1219mm depth racks  | SNE24-Z4                                      |
| SRB-2-SNE24-4824 | 2    | SNE 1219mm depth racks  | SNE24-Z4                                      |
| SRB-1-SNE27-3624 | 1    | SNE 914mm depth racks   | SNE27-Z4                                      |
| SRB-2-SNE27-3624 | 2    | SNE 914mm depth racks   | SNE27-Z4                                      |
| SRB-1-SNE27-4224 | 1    | SNE 1067mm depth racks  | SNE27-Z4                                      |
| SRB-2-SNE27-4224 | 2    | SNE 1067mm depth racks  | SNE27-Z4                                      |
| SRB-1-SNE27-4824 | 1    | SNE 1219mm depth racks  | SNE27-Z4                                      |
| SRB-2-SNE27-4824 | 2    | SNE 1219mm depth racks  | SNE27-Z4                                      |
| SRB-1-SNE30-3624 | 1    | SNE 914mm depth racks   | SNE30-Z4                                      |
| SRB-2-SNE30-3624 | 2    | SNE 914mm depth racks   | SNE30-Z4                                      |
| SRB-1-SNE30-4224 | 1    | SNE 1067mm depth racks  | SNE30-Z4                                      |
| SRB-2-SNE30-4224 | 2    | SNE 1067mm depth racks  | SNE30-Z4                                      |
| SRB-1-SNE30-4824 | 1    | SNE 1219mm depth racks  | SNE30-Z4                                      |
| SRB-2-SNE30-4824 | 2    | SNE 1219mm depth racks  | SNE30-Z4                                      |
| SRB-1-WMRK-3124  | 1    | WMRK 787mm depth racks  | WMRK-Z4                                       |
| SRB-2-WMRK-3124  | 2    | WMRK 787mm depth racks  | WMRK-Z4                                       |
| SRB-1-WMRK-3624  | 1    | WMRK 914mm depth racks  | WMRK-Z4                                       |
| SRB-2-WMRK-3624  | 2    | WMRK 914mm depth racks  | WMRK-Z4                                       |
| SRB-1-WMRK-4224  | 1    | WMRK 1067mm depth racks | WMRK-Z4                                       |
| SRB-2-WMRK-4224  | 2    | WMRK 1067mm depth racks | WMRK-Z4                                       |
| SRB-1-WMRK-4824  | 1    | WMRK 1219mm depth racks | WMRK-Z4                                       |
| SRB-2-WMRK-4824  | 2    | WMRK 1219mm depth racks | WMRK-Z4                                       |
| SRB-1-WRK-2724   | 1    | WRK 686mm depth racks   | WRK-Z4                                        |
| SRB-2-WRK-2724   | 2    | WRK 686mm depth racks   | WRK-Z4                                        |
| SRB-3-WRK-2724   | 3    | WRK 686mm depth racks   | WRK-Z4                                        |
| SRB-1-WRK-3224   | 1    | WRK 813mm depth racks   | WRK-Z4                                        |
| SRB-2-WRK-3224   | 2    | WRK 813mm depth racks   | WRK-Z4                                        |
| SRB-3-WRK-3224   | 3    | WRK 813mm depth racks   | WRK-Z4                                        |



see rack series  
pgs. for more  
options



Complete Raised Floor Enclosure Support System™ shown in typical raised floor installation



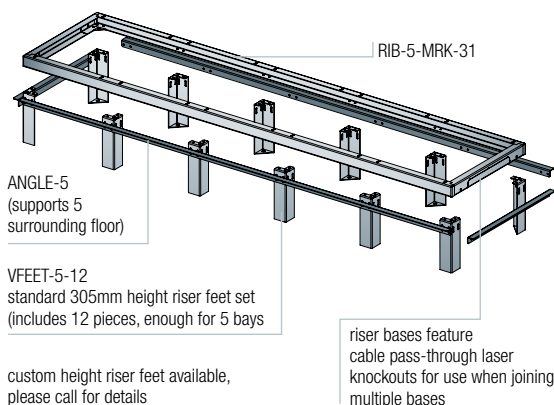
RIB Series Riser Base shown with MRK racks and custom cable chase

## simplifies installation



The **Raised Floor Enclosure Support System™** provides the ability to perform field rough-in procedures prior to the arrival of racks and enclosures.

- Timesaving and practical system to rough-in rack installations
- Heavy-duty welded construction with black powder coat finish
- System includes 2-13mm high bases, riser feet and support angles
- Base matches rack sizes, and allows cables to pass underneath
- Riser feet raise the base to match raised floor installations
- Support angles support floor tiles surrounding the racks
- Custom sizes and heights are available



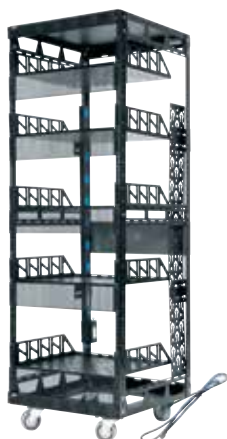
## Certifications

- RoHS
- GREENGUARD



| RIB Series<br>Riser Bases<br>Part # | Bays | Raised Floor<br>Riser Feet<br>Part # | Raised Floor<br>Support Angles<br>Part # | Accommodates                   |
|-------------------------------------|------|--------------------------------------|------------------------------------------|--------------------------------|
| RIB-1-BGR-27                        | 1    | VFEET-1-12                           | BANGLE-1                                 | BGR 686mm depth racks          |
| RIB-2-BGR-27                        | 2    | VFEET-2-12                           | BANGLE-2                                 | BGR 686mm depth racks          |
| RIB-3-BGR-27                        | 3    | VFEET-3-12                           | BANGLE-3                                 | BGR 686mm depth racks          |
| RIB-4-BGR-27                        | 4    | VFEET-4-12                           | BANGLE-4                                 | BGR 686mm depth racks          |
| RIB-5-BGR-27                        | 5    | VFEET-5-12                           | BANGLE-5                                 | BGR 686mm depth racks          |
| RIB-1-BGR-32                        | 1    | VFEET-1-12                           | BANGLE-1                                 | BGR 813mm depth racks          |
| RIB-2-BGR-32                        | 2    | VFEET-2-12                           | BANGLE-2                                 | BGR 813mm depth racks          |
| RIB-3-BGR-32                        | 3    | VFEET-3-12                           | BANGLE-3                                 | BGR 813mm depth racks          |
| RIB-4-BGR-32                        | 4    | VFEET-4-12                           | BANGLE-4                                 | BGR 813mm depth racks          |
| RIB-5-BGR-32                        | 5    | VFEET-5-12                           | BANGLE-5                                 | BGR 813mm depth racks          |
| RIB-1-BGR-38                        | 1    | VFEET-1-12                           | BANGLE-1-38                              | BGR 965mm depth racks          |
| RIB-2-BGR-38                        | 2    | VFEET-2-12                           | BANGLE-2-38                              | BGR 965mm depth racks          |
| RIB-3-BGR-38                        | 3    | VFEET-3-12                           | BANGLE-3-38                              | BGR 965mm depth racks          |
| RIB-4-BGR-38                        | 4    | VFEET-4-12                           | BANGLE-4-38                              | BGR 965mm depth racks          |
| RIB-5-BGR-38                        | 5    | VFEET-5-12                           | BANGLE-5-38                              | BGR 965mm depth racks          |
| RIB-1-DRK-31                        | 1    | VFEET-1-12                           | DANGLE-1-31                              | DRK 787mm depth racks          |
| RIB-2-DRK-31                        | 2    | VFEET-2-12                           | DANGLE-2-31                              | DRK 787mm depth racks          |
| RIB-3-DRK-31                        | 3    | VFEET-3-12                           | DANGLE-3-31                              | DRK 787mm depth racks          |
| RIB-1-DRK-36                        | 1    | VFEET-1-12                           | DANGLE-1-3642                            | DRK 914mm depth racks          |
| RIB-2-DRK-36                        | 2    | VFEET-2-12                           | DANGLE-2-3642                            | DRK 914mm depth racks          |
| RIB-3-DRK-36                        | 3    | VFEET-3-12                           | DANGLE-3-3642                            | DRK 914mm depth racks          |
| RIB-1-DRK-42                        | 1    | VFEET-1-12                           | DANGLE-1-3642                            | DRK 1067mm depth racks         |
| RIB-2-DRK-42                        | 2    | VFEET-2-12                           | DANGLE-2-3642                            | DRK 1067mm depth racks         |
| RIB-3-DRK-42                        | 3    | VFEET-3-12                           | DANGLE-3-3642                            | DRK 1067mm depth racks         |
| RIB-1-MRK-26                        | 1    | VFEET-1-12                           | ANGLE-1                                  | MRK 660mm depth racks          |
| RIB-2-MRK-26                        | 2    | VFEET-2-12                           | ANGLE-2                                  | MRK 660mm depth racks          |
| RIB-3-MRK-26                        | 3    | VFEET-3-12                           | ANGLE-3                                  | MRK 660mm depth racks          |
| RIB-4-MRK-26                        | 4    | VFEET-4-12                           | ANGLE-4                                  | MRK 660mm depth racks          |
| RIB-5-MRK-26                        | 5    | VFEET-5-12                           | ANGLE-5                                  | MRK 660mm depth racks          |
| RIB-1-MRK-31                        | 1    | VFEET-1-12                           | ANGLE-1                                  | MRK/VMRK/VRK 787mm depth racks |
| RIB-2-MRK-31                        | 2    | VFEET-2-12                           | ANGLE-2                                  | MRK/VMRK/VRK 787mm depth racks |
| RIB-3-MRK-31                        | 3    | VFEET-3-12                           | ANGLE-3                                  | MRK/VMRK/VRK 787mm depth racks |
| RIB-4-MRK-31                        | 4    | VFEET-4-12                           | ANGLE-4                                  | MRK/VMRK/VRK 787mm depth racks |
| RIB-5-MRK-31                        | 5    | VFEET-5-12                           | ANGLE-5                                  | MRK/VMRK/VRK 787mm depth racks |
| RIB-1-MRK-36                        | 1    | VFEET-1-12                           | ANGLE-1-36                               | MRK/VRK 914mm depth racks      |
| RIB-2-MRK-36                        | 2    | VFEET-2-12                           | ANGLE-2-36                               | MRK/VRK 914mm depth racks      |
| RIB-3-MRK-36                        | 3    | VFEET-3-12                           | ANGLE-3-36                               | MRK/VRK 914mm depth racks      |
| RIB-4-MRK-36                        | 4    | VFEET-4-12                           | ANGLE-4-36                               | MRK/VRK 914mm depth racks      |
| RIB-5-MRK-36                        | 5    | VFEET-5-12                           | ANGLE-5-36                               | MRK/VRK 914mm depth racks      |
| RIB-1-MRK-42                        | 1    | VFEET-1-12                           | ANGLE-1-42                               | MRK/VRK 1067mm depth racks     |
| RIB-2-MRK-42                        | 2    | VFEET-2-12                           | ANGLE-2-42                               | MRK/VRK 1067mm depth racks     |
| RIB-3-MRK-42                        | 3    | VFEET-3-12                           | ANGLE-3-42                               | MRK/VRK 1067mm depth racks     |

| RIB Series<br>Riser Bases<br>Part # | Bays | Raised Floor<br>Riser Feet<br>Part # | Raised Floor<br>Support Angles<br>Part # | Accommodates            |
|-------------------------------------|------|--------------------------------------|------------------------------------------|-------------------------|
| RIB-1-SNE24-36                      | 1    | VFEET-1-12                           | SANGLE24-1-3642                          | SNE 914mm depth racks   |
| RIB-2-SNE24-36                      | 2    | VFEET-2-12                           | SANGLE24-2-3642                          | SNE 914mm depth racks   |
| RIB-3-SNE24-36                      | 3    | VFEET-3-12                           | SANGLE24-3-3642                          | SNE 914mm depth racks   |
| RIB-1-SNE24-42                      | 1    | VFEET-1-12                           | SANGLE24-1-3642                          | SNE 1067mm depth racks  |
| RIB-2-SNE24-42                      | 2    | VFEET-2-12                           | SANGLE24-2-3642                          | SNE 1067mm depth racks  |
| RIB-3-SNE24-42                      | 3    | VFEET-3-12                           | SANGLE24-3-3642                          | SNE 1067mm depth racks  |
| RIB-1-SNE24-48                      | 1    | VFEET-1-12                           | SANGLE24-1-48                            | SNE 1219mm depth racks  |
| RIB-2-SNE24-48                      | 2    | VFEET-2-12                           | SANGLE24-2-48                            | SNE 1219mm depth racks  |
| RIB-3-SNE24-48                      | 3    | VFEET-3-12                           | SANGLE24-3-48                            | SNE 1219mm depth racks  |
| RIB-1-SNE27-36                      | 1    | VFEET-1-12                           | SANGLE27-1-3642                          | SNE 914mm depth racks   |
| RIB-2-SNE27-36                      | 2    | VFEET-2-12                           | SANGLE27-2-3642                          | SNE 914mm depth racks   |
| RIB-3-SNE27-36                      | 3    | VFEET-3-12                           | SANGLE27-3-3642                          | SNE 914mm depth racks   |
| RIB-1-SNE27-42                      | 1    | VFEET-1-12                           | SANGLE27-1-3642                          | SNE 1067mm depth racks  |
| RIB-2-SNE27-42                      | 2    | VFEET-2-12                           | SANGLE27-2-3642                          | SNE 1067mm depth racks  |
| RIB-3-SNE27-42                      | 3    | VFEET-3-12                           | SANGLE27-3-3642                          | SNE 1067mm depth racks  |
| RIB-1-SNE27-48                      | 1    | VFEET-1-12                           | SANGLE27-1-48                            | SNE 1219mm depth racks  |
| RIB-2-SNE27-48                      | 2    | VFEET-2-12                           | SANGLE27-2-48                            | SNE 1219mm depth racks  |
| RIB-3-SNE27-48                      | 3    | VFEET-3-12                           | SANGLE27-3-48                            | SNE 1219mm depth racks  |
| RIB-1-SNE30-36                      | 1    | VFEET-1-12                           | SANGLE30-1-3642                          | SNE 914mm depth racks   |
| RIB-2-SNE30-36                      | 2    | VFEET-2-12                           | SANGLE30-2-3642                          | SNE 914mm depth racks   |
| RIB-3-SNE30-36                      | 3    | VFEET-3-12                           | SANGLE30-3-3642                          | SNE 914mm depth racks   |
| RIB-1-SNE30-42                      | 1    | VFEET-1-12                           | SANGLE30-1-3642                          | SNE 1067mm depth racks  |
| RIB-2-SNE30-42                      | 2    | VFEET-2-12                           | SANGLE30-2-3642                          | SNE 1067mm depth racks  |
| RIB-3-SNE30-42                      | 3    | VFEET-3-12                           | SANGLE30-3-3642                          | SNE 1067mm depth racks  |
| RIB-1-SNE30-48                      | 1    | VFEET-1-12                           | SANGLE30-1-48                            | SNE 1219mm depth racks  |
| RIB-2-SNE30-48                      | 2    | VFEET-2-12                           | SANGLE30-2-48                            | SNE 1219mm depth racks  |
| RIB-3-SNE30-48                      | 3    | VFEET-3-12                           | SANGLE30-3-48                            | SNE 1219mm depth racks  |
| RIB-1-WMRK-36                       | 1    | VFEET-1-12                           | WMANGLE-1-3642                           | WMRK 914mm depth racks  |
| RIB-2-WMRK-36                       | 2    | VFEET-2-12                           | WMANGLE-2-3642                           | WMRK 914mm depth racks  |
| RIB-3-WMRK-36                       | 3    | VFEET-3-12                           | WMANGLE-3-3642                           | WMRK 914mm depth racks  |
| RIB-1-WMRK-42                       | 1    | VFEET-1-12                           | WMANGLE-1-3642                           | WMRK 1067mm depth racks |
| RIB-2-WMRK-42                       | 2    | VFEET-2-12                           | WMANGLE-2-3642                           | WMRK 1067mm depth racks |
| RIB-3-WMRK-42                       | 3    | VFEET-3-12                           | WMANGLE-3-3642                           | WMRK 1067mm depth racks |
| RIB-1-WMRK-48                       | 1    | VFEET-1-12                           | WMANGLE-1-48                             | WMRK 1219mm depth racks |
| RIB-2-WMRK-48                       | 2    | VFEET-2-12                           | WMANGLE-2-48                             | WMRK 1219mm depth racks |
| RIB-1-WRK-27                        | 1    | VFEET-1-12                           | WANGLE-1                                 | WRK 686mm deep racks    |
| RIB-2-WRK-27                        | 2    | VFEET-2-12                           | WANGLE-2                                 | WRK 686mm deep racks    |
| RIB-3-WRK-27                        | 3    | VFEET-3-12                           | WANGLE-3                                 | WRK 686mm deep racks    |
| RIB-4-WRK-27                        | 4    | VFEET-4-12                           | WANGLE-4                                 | WRK 686mm deep racks    |
| RIB-5-WRK-27                        | 5    | VFEET-5-12                           | WANGLE-5                                 | WRK 686mm deep racks    |
| RIB-1-WRK-32                        | 1    | VFEET-1-12                           | WANGLE-1                                 | WRK 813mm deep racks    |
| RIB-2-WRK-32                        | 2    | VFEET-2-12                           | WANGLE-2                                 | WRK 813mm deep racks    |
| RIB-3-WRK-32                        | 3    | VFEET-3-12                           | WANGLE-3                                 | WRK 813mm deep racks    |
| RIB-4-WRK-32                        | 4    | VFEET-4-12                           | WANGLE-4                                 | WRK 813mm deep racks    |
| RIB-5-WRK-32                        | 5    | VFEET-5-12                           | WANGLE-5                                 | WRK 813mm deep racks    |



5-29-CONFIG

## Slim 5 Series

Configured and ships complete with:

| Power Distribution                                       | Cable Management       | Rack Accessories |
|----------------------------------------------------------|------------------------|------------------|
| vertical 15 Amp<br>filtered and surge<br>protected power | vertical lacing strips | vented shelves   |
|                                                          |                        | vent panels      |
|                                                          |                        | set of 4 casters |

| Part #      | Racking Height    | Useable Depth | Height with Casters | # of Vented Shelves & Panels |
|-------------|-------------------|---------------|---------------------|------------------------------|
| 5-14-CONFIG | 2114mm (14 space) | 514mm         | 818mm               | 3 shelves, 2 vent panels     |
| 5-29-CONFIG | 1289mm (29 space) | 514mm         | 1486mm              | 5 shelves, 5 vent panels     |
| 5-37-CONFIG | 1645mm (37 space) | 514mm         | 1842mm              | 6 shelves, 6 vent panels     |



ERK-2725-CONFIG

## ERK Series

Configured and ships complete with:

| Power Distribution                                       | Cable Management       | Rack Accessories                                                     |
|----------------------------------------------------------|------------------------|----------------------------------------------------------------------|
| vertical 15 Amp<br>filtered and surge<br>protected power | vertical lacing strips | vented shelves (including 1 telescoping full depth heavy duty shelf) |
|                                                          | horizontal lacing bars | vent panels                                                          |
|                                                          |                        | caster base                                                          |

| Part #          | Racking Height    | Useable Depth | Height with Casters | # of Vented Shelves & Panels |
|-----------------|-------------------|---------------|---------------------|------------------------------|
| ERK-2125-CONFIG | 933mm (21 space)  | 597mm         | 1143mm              | 4 shelves, 3 vent panels     |
| ERK-2725-CONFIG | 1199mm (27 space) | 597mm         | 1410mm              | 5 shelves, 4 vent panels     |
| ERK-3525-CONFIG | 1556mm (35 space) | 597mm         | 1765mm              | 6 shelves, 5 vent panels     |



ERK-4025-AV

## ERK Series - AV Enclosures

Configured and ships complete with:

| Thermal Management    | Cable Management                                                     | Power Distribution                                                                               | Accessories                                     |
|-----------------------|----------------------------------------------------------------------|--------------------------------------------------------------------------------------------------|-------------------------------------------------|
| integrated fan top    | vertical lacer strip 83mm width (LACE-OP Series)                     | for 44 space enclosures:<br>1 qty 20 Amp, 20 outlet power strip with cord, (PDT-2020C-NS)        | solid front and configurable rear door, locking |
| rear door bottom vent | horizontal lacer bars, four 'L' shaped straight and two 102mm offset | for 35 and 40 space enclosures:<br>2 qty 20 Amp, 10 outlet power strip with cord, (PDT-1020C-NS) | 10-32 threaded rack screws, 100 qty             |
| vent blockers         | velcro® cable management straps, 203mm length, 12 qty                |                                                                                                  | levelling feet, 4 qty                           |

| Part #      | Racking Height    | Overall Height | Useable Depth | Overall Depth | Overall Width |
|-------------|-------------------|----------------|---------------|---------------|---------------|
| ERK-3525-AV | 1556mm (35 space) | 597mm          | 1010mm        | 635mm         | 559mm         |
| ERK-4025-AV | 1778mm (40 space) | 597mm          | 1143mm        | 635mm         | 559mm         |
| ERK-4425-AV | 1956mm (44 space) | 597mm          | 1410mm        | 635mm         | 559mm         |





## MRK Series - NVR/DVR Enclosures

Configured and ships complete with:

| Ships Complete With                                    |                                                                      |                                                    | DVR Enclosure                       | NVR Enclosure                                  |
|--------------------------------------------------------|----------------------------------------------------------------------|----------------------------------------------------|-------------------------------------|------------------------------------------------|
| 64% open area front door                               | 83mm width vertical lacer strip (LACE-44-OP)                         | side panels (as noted in table)                    | two pairs 10-32 threaded rackrail   | two pairs cage nut style rackrail              |
| 79% open area split rear door                          | horizontal lacer bars, four 'L' shaped straight and two 102mm offset | ganging hardware (models without side panels only) | 10-32 threaded rack screws, 100 qty | one pair of cage nut style Z-rail adaptors     |
| 20 Amp, 20 outlet power strip with cord (PDT-2020C-NS) | one each 1 space and 2 space brush grommet                           | leveling feet                                      |                                     | 6 mm threaded cage nuts & rack screws, 100 qty |
| 64% open area top                                      | velcro® cable management straps                                      | —                                                  |                                     | 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    | 1956mm (44 space) | 2111mm         | 737mm         | 797mm         | 591mm         | Yes                  |
| MRK-4431-DVR-AB | 1956mm (44 space) | 2111mm         | 737mm         | 797mm         | 559mm         | No                   |
| MRK-4436-NVR    | 1956mm (44 space) | 2111mm         | 852mm         | 914mm         | 591mm         | Yes                  |
| MRK-4436-NVR-AB | 1956mm (44 space) | 2111mm         | 852mm         | 914mm         | 559mm         | No                   |



MRK-4426-AV-AB

## WMRK Series - Server Enclosures

Configured and ships complete with:

| Ships Complete With                    |                               |                                                   |                                            |                                 |                                                                  |                                                    |
|----------------------------------------|-------------------------------|---------------------------------------------------|--------------------------------------------|---------------------------------|------------------------------------------------------------------|----------------------------------------------------|
| 70% open area front door, locking      | 64% open area top             | vertical lacing strip, 83mm width (42 space only) | one pair of cage nut style Z-rail adaptors | 6mm rack screws, 100 quantity   | for 24 space enclosures: 20 Amp, 10 outlet power strip with cord | ganging hardware (models without side panels only) |
| 79% open area split rear door, locking | temperature monitoring module | two pairs cage nut style rackrail                 | 6mm cage nuts, 100 quantity                | side panels (as noted in table) | for 42 space enclosures: 20 Amp, 20 outlet power strip with cord | leveling feet                                      |

| Part #          | Racking Height    | Overall Height | Useable Depth | Overall Depth | Overall Width | Includes Side Panels |
|-----------------|-------------------|----------------|---------------|---------------|---------------|----------------------|
| WMRK-2436SVR    | 1067mm (24 space) | 1235mm         | 852mm         | 914mm         | 641mm         | Yes                  |
| WMRK-2436SVR-AB | 1067mm (24 space) | 1235mm         | 852mm         | 914mm         | 610mm         | No                   |
| WMRK-4236SVR    | 1867mm (42 space) | 2034mm         | 852mm         | 914mm         | 641mm         | Yes                  |
| WMRK-4236SVR-AB | 1867mm (42 space) | 2034mm         | 852mm         | 914mm         | 610mm         | No                   |
| WMRK-4242SVR    | 1867mm (42 space) | 2034mm         | 1005mm        | 1067mm        | 641mm         | Yes                  |
| WMRK-4242SVR-AB | 1867mm (42 space) | 2034mm         | 1005mm        | 1067mm        | 610mm         | No                   |



WMRK-4236SVR-AB

## MRK Series - AV Enclosures

Configured and ships complete with:

| Thermal Management                                      | Cable Management                                                     | Power Distribution                                           | Accessories                                     |
|---------------------------------------------------------|----------------------------------------------------------------------|--------------------------------------------------------------|-------------------------------------------------|
| integrated fan top, with proportional speed fan control | vertical lacer strip 83mm width (LACE-OP Series)                     | 1 qty 20 Amp, 20 outlet power strip with cord (PDT-2020C-NS) | solid front and configurable rear door, locking |
| rear door bottom vent                                   | horizontal lacer bars, four 'L' shaped straight and two 102mm offset |                                                              | 10-32 threaded rack screws, 100 qty             |
| vent blockers                                           | velcro® cable management straps, 203mm length, 12 qty                |                                                              | leveling feet, 4 qty                            |
| —                                                       | —                                                                    |                                                              | ganging hardware (MRK open side models only)    |

| Part #         | Racking Height    | Overall Height | Useable Depth | Overall Depth | Overall Width | Includes Side Panels |
|----------------|-------------------|----------------|---------------|---------------|---------------|----------------------|
| MRK-4426-AV    | 1956mm (44 space) | 2111mm         | 610mm         | 673mm         | 592mm         | Yes                  |
| MRK-4426-AV-AB | 1956mm (44 space) | 2111mm         | 610mm         | 673mm         | 559mm         | No                   |
| MRK-4431-AV    | 1956mm (44 space) | 2111mm         | 737mm         | 800mm         | 592mm         | Yes                  |
| MRK-4431-AV-AB | 1956mm (44 space) | 2111mm         | 737mm         | 800mm         | 559mm         | No                   |



MRK-4426-AV-AB

## Configured Enclosures Power Solutions



100VAC



## wall mount racks and cabinets

Wall racks save floor space and are ideal for smaller installations or to house system distribution points. Many wall rack styles are available to meet a wide range of project needs.

Open-frame styles are great for controlled spaces such as utility rooms and some models can be mounted over conduit and similar obstructions.

Enclosed models provide security to protect equipment in more open spaces from tampering,



dust, and other hazards, and many styles have hinged center sections to provide enhanced rear access to equipment and wiring.

Wall racks range in capacity from 2 to 35 rackspaces, with the hybrid wall/floor mounted SR models up to 46 spaces.

|                          |         |
|--------------------------|---------|
| SR Series                | 58 - 59 |
| DWR Series               | 60 - 61 |
| EWR Series               | 62 - 63 |
| CWR Series               | 64 - 65 |
| SWR and SBX Series       | 66 - 67 |
| TOR and WRS/WRP Series   | 68 - 69 |
| SFR and WM Series        | 70 - 71 |
| HDR and SPM Series       | 72 - 73 |
| VPM and PPM Series       | 74 - 75 |
| HPM and DLBX/VLBX Series | 76 - 77 |



SR-40-22

## pivoting sectional wall/floor cabinet



The **SR Series** provides access to rear equipment connections for large to medium systems.

- Patented tool free Quick-Mount™ system for center section mounting
- Pivots 90° on floor base for access to rear equipment connections
- Standard adjustable front 10-32 threaded rackrail
- “Bonus” 4 rackspace in base is ideal for mounting a UPS or other equipment
- 227 kg weight capacity

### Certifications

- Seismic Certification
- RoHS
- GREENGUARD
- UL2416

### Market Solutions



Broadcast



Commercial  
AV



Residential  
AV



Security



Structured  
Cabling



Education



International  
Fan Available



Thermal Top Options pg. 46

- 240V Fans pg. 226
- Fan Controller pg. 130



## Product Information

| Part #   | Racking Height    | Overall Height | Useable Depth | Overall Depth | Overall Width | Weight Capacity |
|----------|-------------------|----------------|---------------|---------------|---------------|-----------------|
| SR-24-28 | 1067mm (24 space) | 1594mm         | 660mm         | 721mm         | 622mm         | 227 kg          |
| SR-24-32 | 1067mm (24 space) | 1594mm         | 762mm         | 822mm         | 622mm         | 227 kg          |
| SR-40-22 | 1778mm (40 space) | 2305mm         | 508mm         | 568mm         | 622mm         | 227 kg          |
| SR-40-28 | 1778mm (40 space) | 2305mm         | 660mm         | 721mm         | 622mm         | 227 kg          |
| SR-40-32 | 1778mm (40 space) | 2305mm         | 762mm         | 822mm         | 622mm         | 227 kg          |
| SR-46-28 | 2045mm (46 space) | 2572mm         | 660mm         | 721mm         | 622mm         | 227 kg          |



- Based designed to fit UPS back up power see pg. 166

## Options

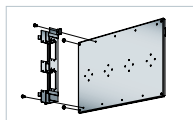
Please visit our website for more info.

| Fits 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                           |

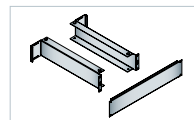
## Additional Options:



DWRSR-ZL  
minimum clearance latch for  
side-by-side wall rackmounting



SR-SUB  
sub-plate mounting kit for SR Series  
backpan supports mounting of 89-D  
type brackets and electrical brackets



SR-UPS-BKT  
UPS support bracket for  
SR Series supports mounting of  
Middle Atlantic UPS in SR base section



DWR-35-22PD

## pivoting sectional wall cabinet



The **DWR Series** provides access to rear equipment connections for medium to small systems.

- Robust welded steel construction
- Patented tool free Quick-Mount™ system for center section mounting
- Center section swing is reversible, and can be both keylocked and padlocked
- Center section is keyed differently from optional front door for security
- Designed for choice of active or passive cooling

### Certifications

- Seismic Certification
- UL Listed
- RoHS
- UL2416
- OSHPD

### Market Solutions



Broadcast



Commercial  
AV



Residential  
AV



Security



Structured  
Cabling



Education



International  
Fan Available



## Product Information

| Part #    | Fully Assembled with Plexi Front Door Part # | Racking Height    | Overall Height | Useable Depth | Overall Depth | Weight Capacity |
|-----------|----------------------------------------------|-------------------|----------------|---------------|---------------|-----------------|
| DWR-10-17 | DWR-10-17PD                                  | 445mm (10 space)  | 622mm          | 381mm         | 432mm         | 91 kg           |
| DWR-10-22 | DWR-10-22PD                                  | 445mm (10 space)  | 622mm          | 508mm         | 559mm         | 91 kg           |
| DWR-12-17 | DWR-12-17PD                                  | 533mm (12 space)  | 711mm          | 381mm         | 432mm         | 91 kg           |
| DWR-12-22 | DWR-12-22PD                                  | 533mm (12 space)  | 711mm          | 508mm         | 559mm         | 91 kg           |
| DWR-12-26 | DWR-12-26PD                                  | 533mm (12 space)  | 711mm          | 610mm         | 660mm         | 91 kg           |
| DWR-12-32 | -                                            | 533mm (12 space)  | 711mm          | 762mm         | 813mm         | 91 kg           |
| DWR-16-17 | DWR-16-17PD                                  | 711mm (16 space)  | 889mm          | 381mm         | 432mm         | 91 kg           |
| DWR-16-22 | DWR-16-22PD                                  | 711mm (16 space)  | 889mm          | 508mm         | 559mm         | 91 kg           |
| DWR-18-17 | DWR-18-17PD                                  | 800mm (18 space)  | 978mm          | 381mm         | 432mm         | 113 kg          |
| DWR-18-22 | DWR-18-22PD                                  | 800mm (18 space)  | 978mm          | 508mm         | 559mm         | 113 kg          |
| DWR-18-26 | DWR-18-26PD                                  | 800mm (18 space)  | 978mm          | 610mm         | 660mm         | 113 kg          |
| DWR-18-32 | -                                            | 800mm (18 space)  | 978mm          | 762mm         | 813mm         | 113 kg          |
| DWR-21-17 | DWR-21-17PD                                  | 933mm (21 space)  | 1111mm         | 381mm         | 432mm         | 113 kg          |
| DWR-21-22 | DWR-21-22PD                                  | 933mm (21 space)  | 1111mm         | 508mm         | 559mm         | 113 kg          |
| DWR-24-17 | DWR-24-17PD                                  | 1067mm (24 space) | 1245mm         | 381mm         | 432mm         | 136 kg          |
| DWR-24-22 | DWR-24-22PD                                  | 1067mm (24 space) | 1245mm         | 508mm         | 559mm         | 136 kg          |
| DWR-24-26 | DWR-24-26PD                                  | 1067mm (24 space) | 1245mm         | 610mm         | 660mm         | 136 kg          |
| DWR-24-32 | -                                            | 1067mm (24 space) | 1245mm         | 762mm         | 813mm         | 136 kg          |
| DWR-35-17 | -                                            | 1556mm (35 space) | 1734mm         | 381mm         | 432mm         | 136 kg          |
| DWR-35-22 | DWR-35-22PD                                  | 1556mm (35 space) | 1734mm         | 508mm         | 559mm         | 136 kg          |
| DWR-35-26 | DWR-35-26PD                                  | 1556mm (35 space) | 1734mm         | 610mm         | 660mm         | 136 kg          |

## Options

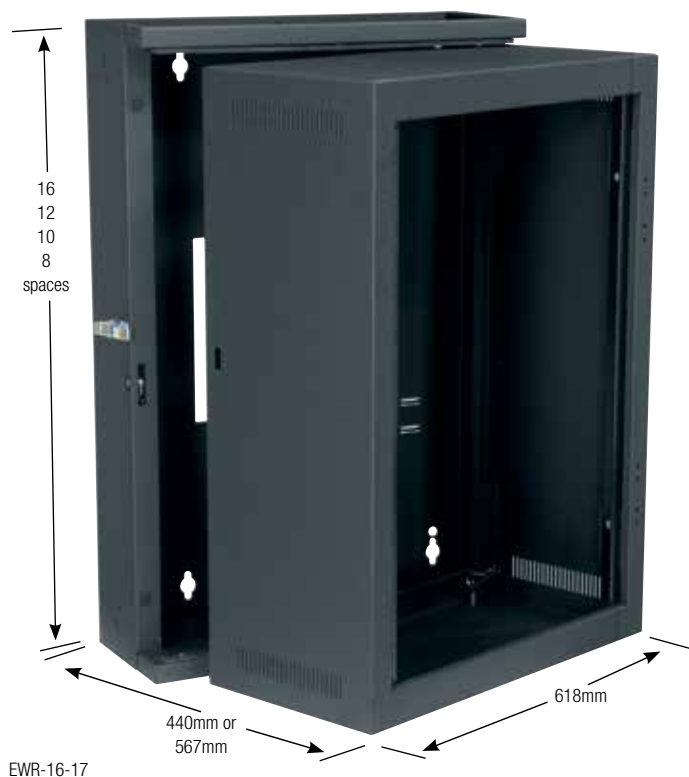
Please visit our website for more info.

| Fits 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                           |

## Additional Options:

DWR-CVR  
cover plate/shelf kitDWRSR-ZL  
minimum clearance latch for  
side-by-side wall rackmountingLED  
Temperature  
Display

- Fits Decora® knockout taking up zero rackspace pg. 224



## economical pivoting wall cabinet



The **EWR Series** provides access to rear equipment connections for medium to small systems at an aggressive price.

- Fully welded construction for strength
- Patented Tool Free Quick-Mount™ system for center section mounting
- Center section swing is reversible, and can be both keylocked and padlocked
- Center section is keyed differently from optional front door for security
- Optimized for passive thermal management

### Certifications

- RoHS
- GREENGUARD
- UL2416

### Market Solutions



Broadcast



Commercial  
AV



Residential  
AV



Security



Structured  
Cabling

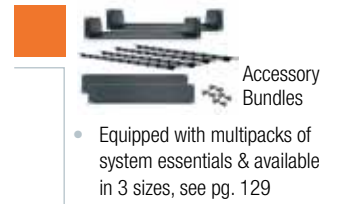


Education



## Product Information

| Part #    | Fully Assembled with Solid Front Door Part # | Racking Height   | Overall Height | Useable Depth | Overall Depth | Overall Width* | Weight Capacity |
|-----------|----------------------------------------------|------------------|----------------|---------------|---------------|----------------|-----------------|
| EWR-8-17  | EWR-8-17SD                                   | 356mm (8 space)  | 533mm          | 381mm         | 440mm         | 618mm          | 68 kg           |
| EWR-8-22  | EWR-8-22SD                                   | 356mm (8 space)  | 533mm          | 508mm         | 567mm         | 618mm          | 68 kg           |
| EWR-10-17 | EWR-10-17SD                                  | 445mm (10 space) | 622mm          | 381mm         | 440mm         | 618mm          | 68 kg           |
| EWR-10-22 | EWR-10-22SD                                  | 445mm (10 space) | 622mm          | 508mm         | 567mm         | 618mm          | 68 kg           |
| EWR-12-17 | EWR-12-17SD                                  | 533mm (12 space) | 711mm          | 381mm         | 440mm         | 618mm          | 68 kg           |
| EWR-12-22 | EWR-12-22SD                                  | 533mm (12 space) | 711mm          | 508mm         | 567mm         | 618mm          | 68 kg           |
| EWR-16-17 | EWR-16-17SD                                  | 711mm (16 space) | 889mm          | 381mm         | 440mm         | 618mm          | 68 kg           |
| EWR-16-22 | EWR-16-22SD                                  | 711mm (16 space) | 889mm          | 508mm         | 567mm         | 618mm          | 68 kg           |



## Options

Please visit our website for more info.

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

\*allows fully adjustable rail



## swing open wall cabinet



The **CWR Series** is designed for structured cabling/high cable capacity.



CWR-26-22PD

- Welded steel construction for strength
- 660mm width provides extra space for cables and patching
- Comes standard with adjustable wide-face rackrail
- Locking swing open center section for front and rear access
- Includes a locking/latching plexi front door for added security
- Front door can be easily reversed for left or right hand swing
- Engineered for passive thermal management; optional fan kit available
- Bag of 50 mounting screws included
- Includes vertical cable rings

### Certifications

- UL Listed
- RoHS
- GREENGUARD
- UL2416

### Market Solutions



Broadcast



Commercial  
AV



Residential  
AV



Security



Structured  
Cabling



Education



International  
Fan Available



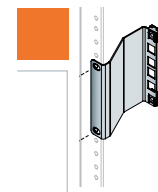
CWR racks and offset rail kits come with D-Ring managers for additional cable management



## Product Information

| Includes Plexi Door Part # | Racking Height    | Overall Height | Useable Depth | Overall Depth w/o Door | Overall Width* | Weight Capacity |
|----------------------------|-------------------|----------------|---------------|------------------------|----------------|-----------------|
| CWR-12-17PD                | 533mm (12 space)  | 632mm          | 381mm         | 432mm                  | 660mm          | 91 kg           |
| CWR-12-22PD                | 533mm (12 space)  | 632mm          | 508mm         | 559mm                  | 660mm          | 91 kg           |
| CWR-12-26PD                | 533mm (12 space)  | 632mm          | 610mm         | 660mm                  | 660mm          | 91 kg           |
| CWR-12-32PD                | 533mm (12 space)  | 632mm          | 762mm         | 813mm                  | 660mm          | 91 kg           |
| CWR-18-17PD                | 800mm (18 space)  | 899mm          | 381mm         | 432mm                  | 660mm          | 91 kg           |
| CWR-18-22PD                | 800mm (18 space)  | 899mm          | 508mm         | 559mm                  | 660mm          | 91 kg           |
| CWR-18-26PD                | 800mm (18 space)  | 899mm          | 610mm         | 660mm                  | 660mm          | 91 kg           |
| CWR-18-32PD                | 800mm (18 space)  | 899mm          | 762mm         | 813mm                  | 660mm          | 91 kg           |
| CWR-26-17PD                | 1156mm (26 space) | 1254mm         | 381mm         | 432mm                  | 660mm          | 91 kg           |
| CWR-26-22PD                | 1156mm (26 space) | 1254mm         | 508mm         | 559mm                  | 660mm          | 91 kg           |
| CWR-26-26PD                | 1156mm (26 space) | 1254mm         | 610mm         | 660mm                  | 660mm          | 91 kg           |
| CWR-26-32PD                | 1156mm (26 space) | 1254mm         | 762mm         | 813mm                  | 660mm          | 91 kg           |

\*not including latch



Installation  
Helper

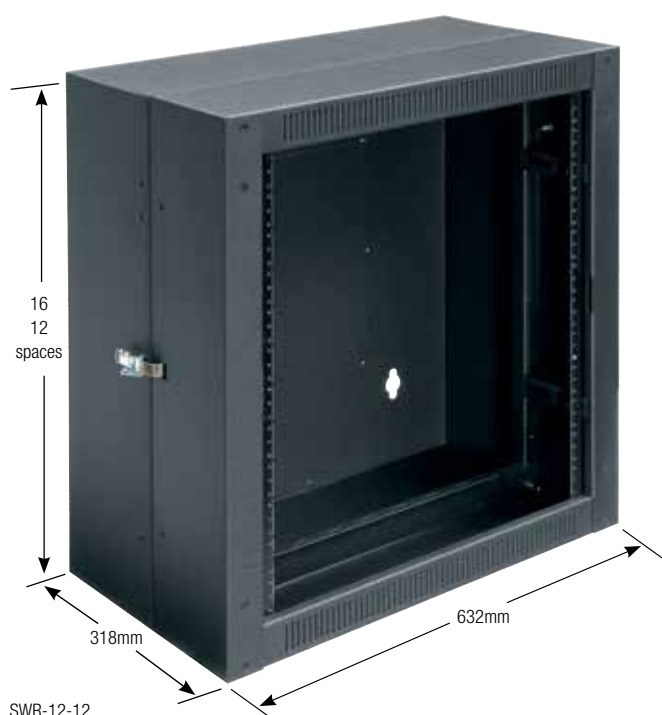
- Recess rackmount equipment 76mm to make room for cables pg. 244

## Options

Please visit our website for more info.

| Fits Part # | Description                                         |
|-------------|-----------------------------------------------------|
| CWR-FKIT    | fan kit, 2 (95CFM) fans w/ hardware                 |
| 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 483mm EIA mounting width to be shifted to the left or right of the 660mm width CWR enclosure to allow for large cable bundles on one side



## shallow pivoting versatile wall cabinet

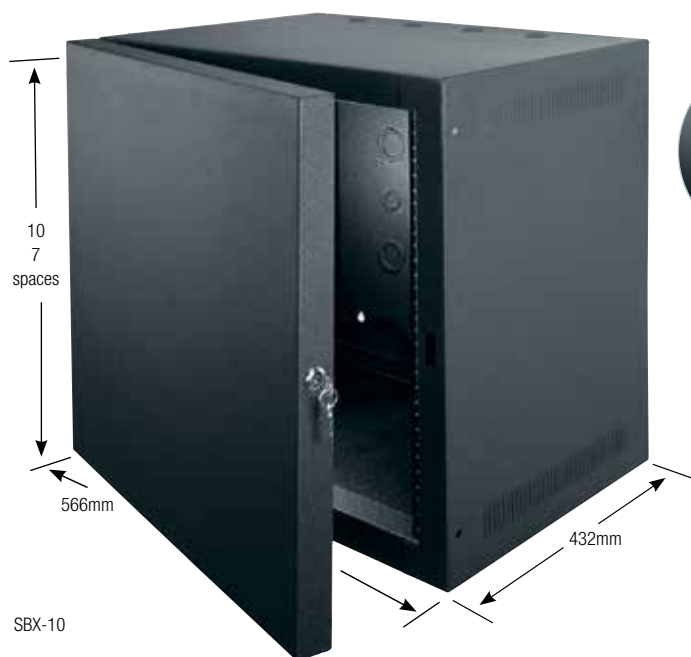


The **SWR Series** is ideal for wall mounting interconnect panels.

- Front section can be easily reversed for left or right hand swing
- Latch can be mounted top or bottom to allow side-by-side mounting
- Backpan features conduit entry laser knockouts at the top and bottom
- Standard front adjustable 10-32 threaded rackrail with # spaces

### Certifications

- RoHS
- GREENGUARD
- UL2416



## economical fixed wall rack



The **SBX Series** is ideal for use when seeking an economical solution for wall mounting smaller systems.

- Removable backpan simplifies installation
- Includes locking front door that swings open a full 180° on a rugged hinge
- Ventilation slots on each side promote passive thermal management accepts optional fans for active thermal management
- Laser and electrical knockouts at top, bottom, and rear for cable pass-through
- Standard heavy-gauge, 10-32 threaded rackrail with marked spaces

### Certifications

- RoHS
- GREENGUARD
- UL2416



## Product Information

| Part #    | Racking Height   | Overall Height | Useable Depth | Overall Depth | Overall Width | Weight Capacity |
|-----------|------------------|----------------|---------------|---------------|---------------|-----------------|
| SWR-12-12 | 533mm (12 space) | 638mm          | 302mm         | 318mm         | 632mm         | 68 kg           |
| SWR-16-12 | 711mm (16 space) | 816mm          | 302mm         | 318mm         | 632mm         | 68 kg           |

## Door Options

| Solid Part # | Plexi Part # | 25% Open Area Perf Vented Part # | 64% Open Area Perf Vented Part # | # of Rackspaces |
|--------------|--------------|----------------------------------|----------------------------------|-----------------|
| FD-12        | PFD-12       | VFD-12                           | LVFD-12                          | 12              |
| FD-16        | PFD-16       | VFD-16                           | LVFD-16                          | 16              |

## Market Solutions



Broadcast

Commercial  
AVResidential  
AV

Security

Structured  
Cabling

Education

International  
Fan Available

## Installation Tip

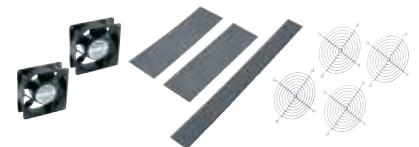
- When space is a premium, swap out cords to precise length needed
- Saves space & promotes proper airflow, see pg. 185

## Product Information

| Part # | Racking Height   | Useable Depth | Weight Capacity |
|--------|------------------|---------------|-----------------|
| SBX-7  | 311mm (7 space)  | 375mm         | 34 kg           |
| SBX-10 | 445mm (10 space) | 375mm         | 45 kg           |

## Options

| Part #    | Description                                                                                             |
|-----------|---------------------------------------------------------------------------------------------------------|
| SBX-FAN-K | 119mm low-profile fan for sbx series, 57 cfm (120 vac) cord, hardware, guards and vent blocker included |



## Market Solutions



Broadcast

Commercial  
AVResidential  
AV

Security

Structured  
Cabling

Education

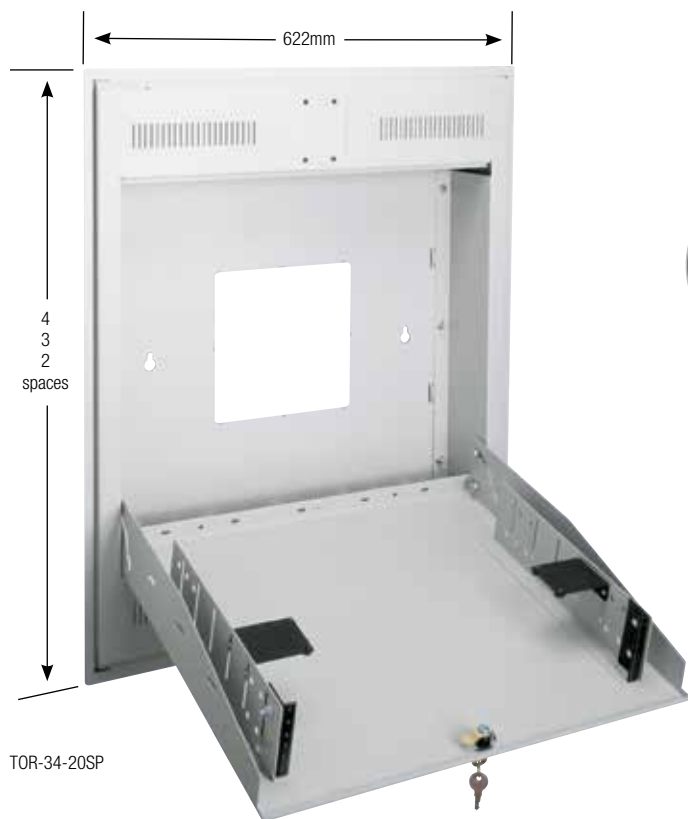
International  
Fan Available

## Power Solutions



100VAC





## tilt out wall out



The **TOR Series** is ideal for small sound systems, paging and patching applications.

- Mounts between studs, flush with wall surface
- Tamper resistant design ideal for use in non-secure areas
- Mount non-rackmount equipment using included clamp bars
- 10-32 threaded rackrail is adjustable to accommodate handles & knobs
- Vented for effective passive thermal management
- Decora® and UCP knockouts provided to mount connectors & devices
- 45 kg weight capacity

### Certifications

- RoHS
- GREENGUARD
- UL2416



## low-profile wall mount cabinet



The **WRS/WRP Series** is ideal for vertically mounting equipment on a wall surface in a protective enclosure.

- Holds equipment up to 276mm deep in a vertical fashion
- Hinged, angled plexiglass (on WRP Series) or solid top (on WRS Series) cover allows user access to controls
- Body swing can be set to either right or left
- Both cover and body are lockable and keyed separately for security
- Vented for passive cooling, accepts optional fans if needed
- Available in putty or black finishes
- 68 kg weight capacity

### Certifications

- RoHS
- GREENGUARD
- UL2416



## Product Information

| Surface Mount Part # | Flush Mount Part # | Racking Height  | Outside Depth |
|----------------------|--------------------|-----------------|---------------|
| TOR-2-20SP           | TOR-2-20RP         | 89mm (2 space)  | 113mm         |
| TOR-3-20SP           | TOR-3-20RP         | 133mm (3 space) | 157mm         |
| TOR-4-20SP           | TOR-4-20RP         | 178mm (4 space) | 202mm         |

## Options

Please visit our website for more info.

| Part #  | Description                                                    | Fits                     |
|---------|----------------------------------------------------------------|--------------------------|
| TOR-PRT | trim kit for partial recess, allows mounting between 2x4 studs | TOR-3-20RP or TOR-4-20RP |

## Market Solutions



Broadcast

Commercial  
AVResidential  
AV

Security

Structured  
Cabling

Education

International  
Fan Available

## Product Information

| Putty Part #* | Black Part #* | Racking Height  |
|---------------|---------------|-----------------|
| WRP-4         | WRS-4         | 178mm (4 space) |
| WRP-6         | WRS-6         | 267mm (6 space) |
| WRP-8         | WRS-8         | 356mm (8 space) |

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

## Market Solutions



Broadcast

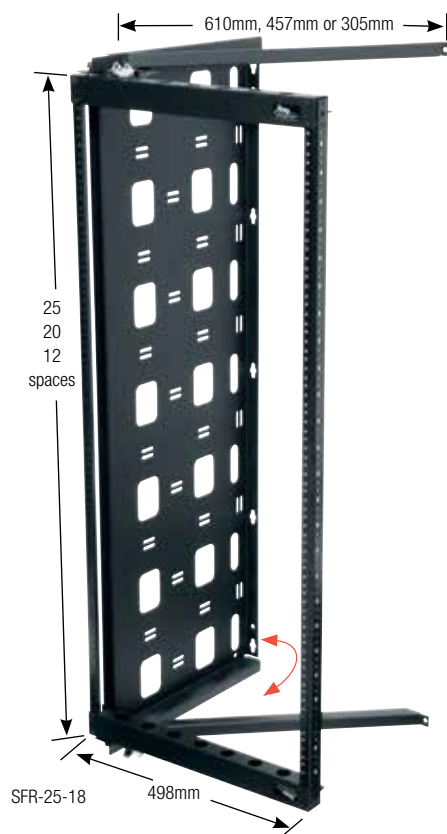
Commercial  
AVResidential  
AV

Security

Structured  
Cabling

Education

International  
Fan Available



## swing frame wall rack

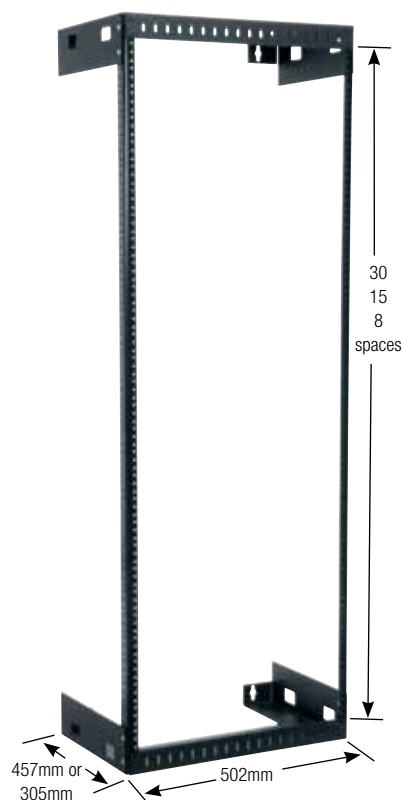


The **SFR Series** is ideal for patch panels, hubs, switches and other network equipment in a secure room or closet.

- Rugged steel construction provides the greatest strength in its class
- Unique design uses pivot points and can be inverted left or right swing
- Open-back design maximizes useable wall space
- 90° opening with positive stop for punching down
- Ready-to-assemble design allows for flat shipment via UPS
- Standard 10-32 threaded rackrail with marked spaces

### Certifications

- RoHS
- GREENGUARD



## open frame wall mount rack



The **WM Series** is designed for quick and easy assembly, self squaring wall mount rack for all types of components.

- Rugged steel construction
- Ready-to-assemble design allows for flat shipment via UPS
- Self-aligning design for fast assembly
- 10-32 threaded rackrail
- Includes rack screws

### Certifications

- RoHS
- GREENGUARD



## Product Information

| 305mm Depth Part # | 457mm Depth Part # | 610mm Depth Part # | Racking Height    | Overall Height | Weight Capacity |
|--------------------|--------------------|--------------------|-------------------|----------------|-----------------|
| SFR-12-12          | SFR-12-18          | SFR-12-24          | 533mm (12 space)  | 692mm          | 45 kg           |
| SFR-20-12          | SFR-20-18          | SFR-20-24          | 889mm (20 space)  | 1048mm         | 45 kg           |
| –                  | SFR-25-18          | SFR-25-24          | 1111mm (25 space) | 1270mm         | 45 kg           |



For additional cable management options

- Vertical cable management pg. 214
- Horizontal cable management pg. 210

## Market Solutions



Broadcast



Commercial  
AV



Residential  
AV



Security



Structured  
Cabling



Education



International  
Fan Available

## Product Information

| Part #   | Overall Height | Racking Height    | Depth | Weight Capacity |
|----------|----------------|-------------------|-------|-----------------|
| WM-8-12  | 451mm          | 356mm (8 space)   | 305mm | 91 kg           |
| WM-8-18  | 451mm          | 356mm (8 space)   | 457mm | 68 kg           |
| WM-15-12 | 762mm          | 667mm (15 space)  | 305mm | 91 kg           |
| WM-15-18 | 762mm          | 667mm (15 space)  | 457mm | 68 kg           |
| WM-30-12 | 1429mm         | 1334mm (30 space) | 305mm | 134 kg          |
| WM-30-18 | 1429mm         | 1334mm (30 space) | 457mm | 111 kg          |

## Market Solutions



Broadcast



Commercial  
AV



Residential  
AV



Security



Structured  
Cabling



Education



International  
Fan Available



## low-profile horizontal distribution cabinet



HDR-4



The **HDR Series** is ideal for a secure way to wall mount of structured cabling systems.

- Provides two equipment areas
- Upper bay mounts patch panels and pivots 100° with stop for punch-downs
- Lower bay mounts switches and routers and pivots 15° for access to connections
- Beveled front door with flanges on all sides for increased security
- Hinged door is reversible and vented, with lock and padlockable latch
- Laser knockouts on the top, bottom and sides for cable entry
- 68 kg weight capacity

### Certifications

- UL/ETL Listed
- RoHS
- GREENGUARD
- UL2416

## versa-rack sideways mounting system



SPM-4



The **SPM Series** is designed to mount equipment on the wall vertically, under table or sideways.

- Rugged steel construction
- Abundant rear cable lacing points
- 10-32 threaded rackrail is adjustable to 3 positions to accommodate D-Ring cable managers
- Includes rack screws

### Certifications

- UL/ETL Listed
- RoHS
- GREENGUARD



## Product Information

| Part # | Overall Height | Racking Height                              | Overall Width | Useable Depth |
|--------|----------------|---------------------------------------------|---------------|---------------|
| HDR-4  | 914mm          | 89mm + 89mm (2 rackspaces + 2 rackspaces)   | 648mm         | 529mm         |
| HDR-9  | 914mm          | 178mm + 222mm (4 rackspaces + 5 rackspaces) | 648mm         | 529mm         |
| HDR-9X | 1067mm         | 178mm + 222mm (4 rackspaces + 5 rackspaces) | 648mm         | 681mm         |

## Options

Please visit our website for more info.

| Part #  | Racking Height                        |
|---------|---------------------------------------|
| HDR-FAN | external 119mm fan kit & vent blocker |

## Market Solutions



Broadcast



Commercial  
AV



Residential  
AV



Security



Structured  
Cabling



Education



International  
Fan Available

## Power Solutions



100VAC



## Product Information

| Part # | Racking Height  | Weight Capacity |
|--------|-----------------|-----------------|
| SPM-2  | 89mm (2 space)  | 23 kg           |
| SPM-4  | 178mm (4 space) | 18 kg           |

## Market Solutions



Broadcast



Commercial  
AV



Residential  
AV



Security



Structured  
Cabling



Education



International  
Fan Available



VPM-4

## vertical panel panel mount

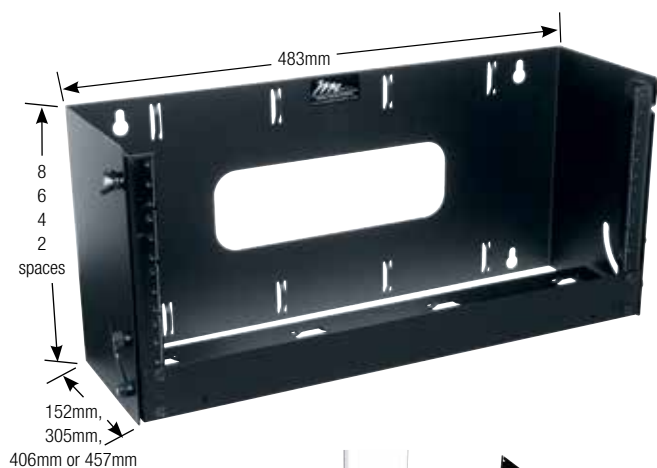


The **VPM Series** is ideal for applications where a protective enclosure is not required.

- Accommodates all depths of equipment
- Heavy duty 10-32 threaded rackrail
- Use two to provide 4-point mounting
- Includes hole for safety screw (for under desk mounting)
- 91 kg weight capacity

### Certifications

- RoHS
- GREENGUARD



PPM-4

## pivoting panel mount



The **PPM Series** is designed for rear access of patch panels and network equipment with 90° positive stop drop down.

- Open back design for wall obstructions such as conduits or raceways
- Abundant internal tie points for cable management
- Standard 10-32 threaded rackrail
- Includes hook and loop cable fasteners and rack screws
- Optional security covers and doors available

### Certifications

- RoHS
- GREENGUARD

PPM-6-160B





## Product Information

| Part # | Racking Height  |
|--------|-----------------|
| VPM-2  | 89mm (2 space)  |
| VPM-3  | 133mm (3 space) |
| VPM-4  | 178mm (4 space) |

## Market Solutions



Broadcast

Commercial  
AVResidential  
AV

Security

Structured  
Cabling

Education

International  
Fan Available

## Product Information

| Part #   | Backless PPM Part # | Security Top Cover Part # | Security Door Part # | Racking Height  | Overall Height | Depth | Weight Capacity |
|----------|---------------------|---------------------------|----------------------|-----------------|----------------|-------|-----------------|
| PPM-2    | —                   | —                         | —                    | 89mm (2 space)  | 146mm          | 152mm | 9 kg            |
| PPM-4    | —                   | —                         | —                    | 178mm (4 space) | 235mm          | 152mm | 9 kg            |
| PPM-6    | —                   | —                         | —                    | 267mm (6 space) | 324mm          | 152mm | 14 kg           |
| PPM-6-12 | —                   | PPM-LID12                 | PPM-D06*             | 267mm (6 space) | 324mm          | 305mm | 18 kg           |
| —        | PPM-6-160B          | PPM-LID16                 | PPM-D06*             | 267mm (6 space) | 324mm          | 406mm | 18 kg           |
| PPM-8-12 | —                   | PPM-LID12                 | PPM-D08*             | 356mm (8 space) | 413mm          | 305mm | 27 kg           |
| PPM-8-18 | —                   | PPM-LID18                 | PPM-D08*             | 356mm (8 space) | 413mm          | 457mm | 27 kg           |

\*When using door option, top cover is required

## Additional Options:

PPM-D08  
security doorPPM-LID16  
lid, fits 406mm deep PPMs

## Market Solutions



Broadcast

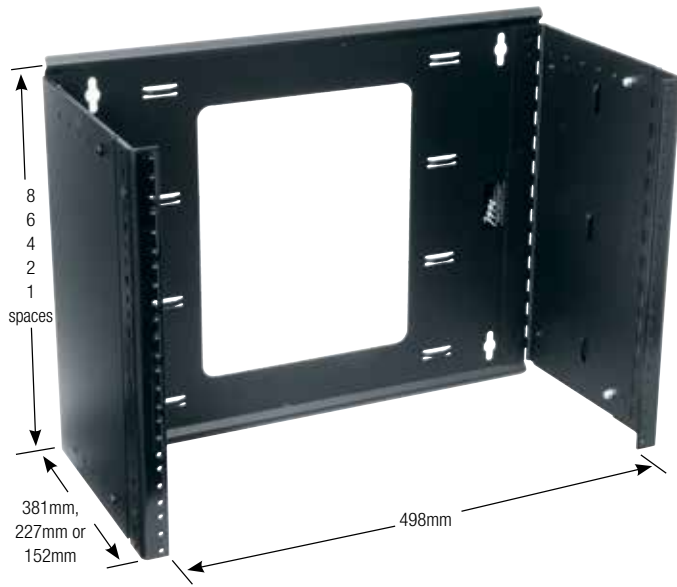
Commercial  
AVResidential  
AV

Security

Structured  
Cabling

Education

International  
Fan Available



HPM-8-915

## hinged panel mount



The **HPM Series** provides simple wall mounting of components and can be rackmounted to any 483mm open frame rack.

- Rugged steel construction
- Hinged to provide rear access to mounted components
- Universal keyhole mounting for left or right swing
- Standard 10-32 threaded rackrail
- Optional dust cover/modem shelf is available
- Includes rack screws and hook & loop fasteners

### Certifications

- RoHS
- GREENGUARD



VLBX

## lockbox wall mount



The **DLBX/VLBX Series** is designed to keep digital recording equipment secure in open public spaces or other unsecure locations.

- Optimized for active or passive thermal management
- Wall mounts vertically or horizontally, can also be used as a monitoring shelf
- Extensive cable management tie points, electrical knockouts and cable pass-throughs
- Interlocking top for added security; top removes easily for servicing
- Standard keylocked vented hinging front door, two fans

### Certifications

- RoHS
- GREENGUARD



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



## Product Information

| Part #    | Racking Height  | Hinge Type | Depth | Adjustable Depth | Weight Capacity |
|-----------|-----------------|------------|-------|------------------|-----------------|
| HPM-1     | 44mm (1 space)  | single     | 152mm | fixed - 152mm    | —               |
| HPM-2     | 89mm (2 space)  | single     | 152mm | —                | —               |
| HPM-4     | 178mm (4 space) | single     | 152mm | —                | —               |
| HPM-4-915 | 178mm (4 space) | double     | 152mm | 229mm - 381mm    | 7 kg            |
| HPM-6     | 267mm (6 space) | single     | 152mm | —                | —               |
| HPM-6-915 | 267mm (6 space) | double     | 152mm | 229mm - 381mm    | 9 kg            |
| HPM-8-915 | 356mm (8 space) | double     | 152mm | 229mm - 381mm    | 11 kg           |

## Options

Please visit our website for more info.

| Part #  | Racking Height                                               |
|---------|--------------------------------------------------------------|
| HPM-LID | top dust cover acts as an equipment shelf for 152mm HPM only |

## Market Solutions



Broadcast



Commercial  
AV



Residential  
AV



Security



Structured  
Cabling



Education



International  
Fan Available

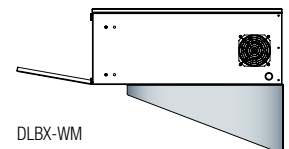
## Product Information

| Part #   | Description            | Inside Dimensions           | Outside Dimensions          |
|----------|------------------------|-----------------------------|-----------------------------|
| DLBX     | DVR/NVR lockbox w/ fan | 581mm w x 279mm h x 679mm d | 606mm w x 294mm h x 718mm d |
| VLBX     | DVR lockbox w/ fan     | 524mm w x 203mm h x 527mm d | 527mm w x 206mm h x 530mm d |
| VLBX-5.5 | DVR lockbox w/ fan     | 505mm w x 137mm h x 432mm d | 508mm w x 140mm h x 438mm d |

## Options

Please visit our website for more info.

| Part #       | Description                                                                       |
|--------------|-----------------------------------------------------------------------------------|
| 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-2-215-1CA | proportional speed thermostatic fan control with two 15 Amp outlets for DLBX      |



DLBX-WM

## Market Solutions



Broadcast



Commercial  
AV



Residential  
AV



Security



Structured  
Cabling



Education



International  
Fan Available

## Power Solutions



100VAC





# slide out racks

Slide out racks, pioneered by Middle Atlantic Products, solve a common challenge by providing rear access to equipment and connections where a rear open aisle is not possible.

They are ideal for cramped utility spaces, systems built into residential or commercial millwork and small systems in AV furniture.



All styles have robust weight capacities and pull forward to provide rear access; some styles also rotate to further increase accessibility.

Installation by Intra Home Systems.

|                     |         |
|---------------------|---------|
| WR Series           | 80 - 81 |
| AXS Series          | 82 - 85 |
| AX-SXR Series       | 86 - 87 |
| ASR-HD Series       | 88 - 89 |
| ASR and REB Series  | 90 - 91 |
| SRSR and SRS Series | 92 - 93 |



## roll out rotating system



The **WR Series** provides secure rear access to equipment connections for larger audio, video and security equipment installations.

- Host enclosure can be pre-installed on-site
- Detachable rack frame can be integrated with equipment and tested off-site
- Requires no additional accessories to roll out and rotate
- Engineered ventilation is optimized for passive thermal management
- Rack frame features built-in cable management tie points
- 102mm laser knockouts provided for cable pass-through and ganging multiple racks
- Standard front and rear 10-32 threaded rackrail with marked spaces
- Frame locks in closed position



Thermal Top Options pg. 46

- 240V Fans pg. 226
- Fan Controller pg. 130

## Certifications

- UL/ETL Listed
- RoHS
- GREENGUARD

## Market Solutions



Broadcast



Commercial  
AV



Residential  
AV



Security



Structured  
Cabling



Education



International  
Fan Available



## Product Information

| Part #   | Overall Depth | Useable Depth | Useable Racking Height |
|----------|---------------|---------------|------------------------|
| WR-24-32 | 835mm         | 660mm         | 1067mm (24 space)      |
| WR-37-32 | 835mm         | 660mm         | 1645mm (37 space)      |
| WR-37-42 | 1089mm        | 914mm         | 1645mm (37 space)      |
| WR-44-32 | 835mm         | 660mm         | 1956mm (44 space)      |
| WR-44-42 | 1089mm        | 914mm         | 1956mm (44 space)      |

## Options

Please visit our website for more info.

| Fits Part # | 76mm Deep Solid Front Door* | 76mm 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 76mm 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.



## space-saving design



The **AXS Series** allows the rack frame to pull straight out for rear access to equipment in millwork or in-wall applications.

- Unique interlocking corner joint for exceptional strength and easy assembly
- Removable rack frame can be integrated off-site to save time
- Articulating cable carriers provide effective cable management
- Standard fixed front and rear 10-32 threaded rackrail
- Service stand raises service tracks to bottom of AXS, allowing it to pull out
- Service tracks include built-in level to save time

### Certifications

- RoHS
- GREENGUARD

### Market Solutions



Broadcast



Commercial  
AV



Residential  
AV



Security



Structured  
Cabling



Education



International  
Fan Available

### Power Solutions



100VAC – 2240VAC | 50/60Hz Compatible



## Product Information

| 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) | 1219mm      | 660mm       | 295 kg          | 489mm               | 499mm                                             | no       |
| AXS-xx    | xx equals # of useable space (15 to 43 space) | 1219mm      | 508mm       | 295 kg          | 489mm               | 499mm                                             | no       |
| AX-SX-xx  | xx equals # of useable space (10 to 43 space) | 635mm       | 508mm       | 295 kg          | 489mm               | 499mm                                             | no       |
| SAX-xx    | xx equals # of useable space (15 to 43 space) | 1219mm      | 419mm       | 295 kg          | 489mm               | 499mm                                             | no       |
| SSAX-xx   | xx equals # of useable space (15 to 43 space) | 635mm       | 419mm       | 295 kg          | 489mm               | 499mm                                             | no       |

| Service Tracks* - pair of removable service tracks |                     |              |                       |
|----------------------------------------------------|---------------------|--------------|-----------------------|
| Part #                                             | Use With            | Track Length | Rack Frame Ext. Depth |
| TRACK25                                            | AX-SX, SSAX         | 635mm        | 635mm                 |
| TRACK50                                            | AXS, SAX, AXS-xx-26 | 1270mm       | 1219mm                |

| Service Stands* - removable telescoping stand that supports & levels the service tracks |                            |        |                            |
|-----------------------------------------------------------------------------------------|----------------------------|--------|----------------------------|
| Part #                                                                                  | Height Range Off the Floor | Part # | Height Range Off the Floor |
| TS310                                                                                   | 76mm to 125mm              | TS1640 | 406mm to 1016mm            |



## Options

Please visit our website for more info.

| Part #       | Description                | Fits            |
|--------------|----------------------------|-----------------|
| AXS-FAN      | 1 slim fan, 57 CFM         | AX-SXR          |
| AXS-FAN-K    | 2 slim fans, 114 CFM       | AX-SXR          |
| AXS-GG16     | gasket and guide kit       | 406mm deep AXS  |
| AXS-GG20     | gasket and guide kit       | 508mm deep AXS, |
| AXS-GG26     | gasket and guide kit       | 660mm deep AXS  |
| AXS-TEXTTRIM | trim panel textured finish | any AXS         |
| AXS-WT50     | cable management tray      | AXS, SAX        |
| AXS-WT25     | cable management tray      | AX-SX, SSAX     |
| BG17         | 5182mm brush gasket        | any AXS         |

## Additional Options:



AXS-FAN-119  
top accepts up to 2 fans



AXS-TEXTTRIM  
trim panel



AXS-WT50  
cable management tray



MRK-4026AXS-Z4

## factory-assembled system



The **AXS Series** design allows entire bays of equipment to roll straight out for service and installation flexibility.

- Host enclosure can be pre-installed on-site
- Detachable rack frame can be integrated with equipment and tested off-site
- Service stand raises service tracks to bottom of AXS, allowing it to pull out
- Standard fixed front and rear 10-32 threaded rackrail with numbered spaces
- Includes articulating cable carriers for effective cable management
- System includes host cabinet, rack frame, cable carriers, base, and safety leashes
- Service tracks and stands sold separately

### Certifications

- Seismic Certification
- RoHS
- GREENGUARD
- OSHPOD

### Market Solutions



Broadcast



Commercial AV



Residential AV



Security



Structured Cabling



Education



International Fan Available

### Power Solutions



100VAC – 2240VAC | 50/60Hz Compatible



## Product Information

| Part #            | Useable Racking Height | Overall Height | Frame Depth | Host Cabinet Depth | Overall Width | Seismic Certified |
|-------------------|------------------------|----------------|-------------|--------------------|---------------|-------------------|
| MRK-4426AXS       | 1822mm (41 space)      | 2111mm         | 508mm       | 673mm              | 559mm         | No                |
| MRK-4026AXS       | 1645mm (37 space)      | 1934mm         | 508mm       | 673mm              | 559mm         | No                |
| MRK-3726AXS       | 1511mm (34 space)      | 1800mm         | 508mm       | 673mm              | 559mm         | No                |
| MRK-4431AXS-26    | 1822mm (41 space)      | 2111mm         | 660mm       | 800mm              | 559mm         | No                |
| MRK-4031AXS-26    | 1645mm (37 space)      | 1934mm         | 660mm       | 800mm              | 559mm         | No                |
| MRK-3731AXS-26    | 1511mm (34 space)      | 1800mm         | 660mm       | 800mm              | 559mm         | No                |
| MRK-4426AXS-Z4    | 1822mm (41 space)      | 2111mm         | 508mm       | 673mm              | 559mm         | Yes               |
| MRK-4026AXS-Z4    | 1645mm (37 space)      | 1934mm         | 508mm       | 673mm              | 559mm         | Yes               |
| MRK-3726AXS-Z4    | 1511mm (34 space)      | 1800mm         | 508mm       | 673mm              | 559mm         | Yes               |
| WRK-44SA-27AXS    | 1822mm (41 space)      | 2111mm         | 508mm       | 2191mm             | 616mm         | No                |
| WRK-44SA-32AXS-26 | 1822mm (41 space)      | 2111mm         | 660mm       | 826mm              | 616mm         | No                |
| ERK-4425AXS       | 1822mm (41 space)      | 2061mm         | 508mm       | 635mm              | 559mm         | No                |
| ERK-3525AXS       | 1422mm (32 space)      | 1661mm         | 508mm       | 635mm              | 559mm         | No                |

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

| Part #  | Track Length | Rack Frame Ext. Depth |
|---------|--------------|-----------------------|
| TRACK50 | 1270mm       | 1219mm                |

## Service Stands\* - removable telescoping stand that supports &amp; levels the service tracks

| Part # | Height Range Off the Floor |
|--------|----------------------------|
| TRACKL | 57mm to 83mm               |



## Installation Helper

- EB1-H, blank panel with handles pg. 232

## Options

Please visit our website for more info.

| Fits Part #  | Description                    | Fits    |
|--------------|--------------------------------|---------|
| AXS-TEXTTRIM | trim panel textured finish     | any AXS |
| AXS-WT50     | 1270mm cable carrier wire tray | any AXS |
| BG17         | 5182mm brush gasket            | any AXS |

## Additional Options:



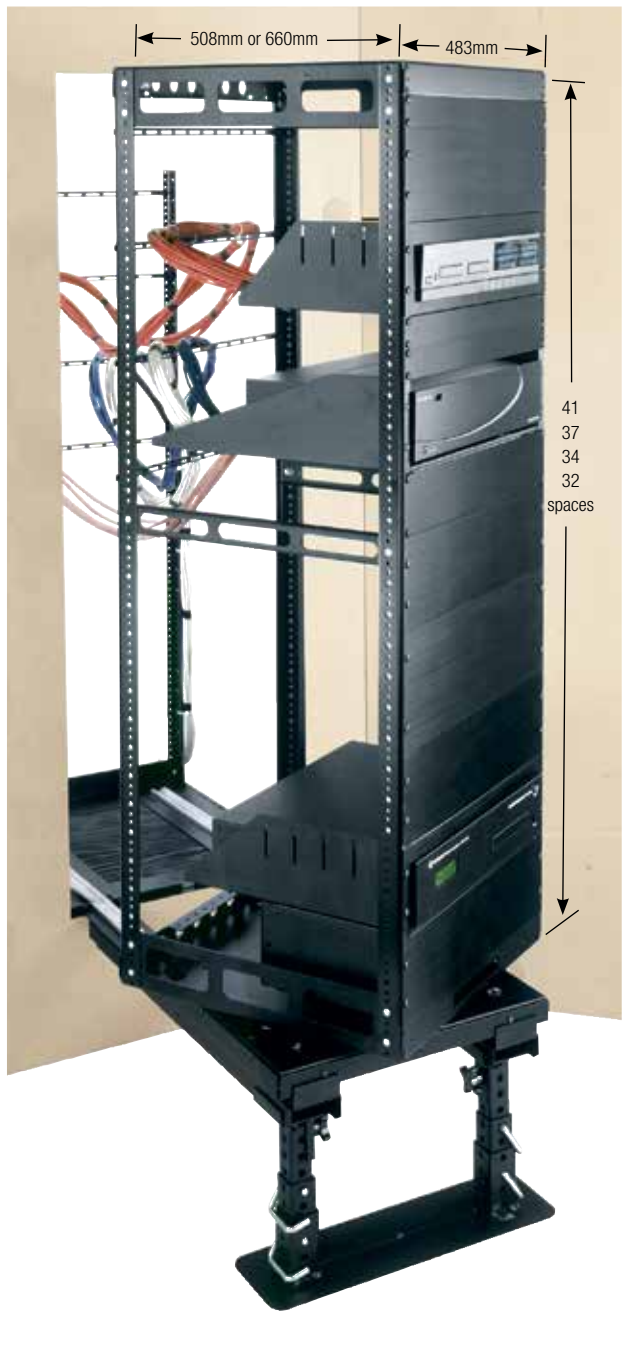
AXS-FAN-119  
top accepts up to 2 fans



AXS-TEXTTRIM  
trim panel



AXS-WT50  
cable management tray



AX-SXR

## in-wall slide out rotating rack



The **AX-SXR Series** pulls out from an in-wall installation, it also turns once pulled out to provide more access to equipment.

- Specify when installing audio and video equipment flush into a wall or cabinet
- Ideal for use in tight spaces with limited room to slide out the rack
- Unique interlocking corner joint for exceptional strength and easy assembly
- Removable rack frame can be integrated off-site to save time
- Standard fixed front and rear 10-32 threaded rackrail with numbered spaces
- Service stand raises service tracks to bottom of AXS, allowing it to pull out
- Service tracks include built-in level to save time

### Certifications

- Seismic Certified
- UL/ETL Listed

### Market Solutions



Broadcast



Commercial  
AV



Residential  
AV



Security



Structured  
Cabling



Education



International  
Fan Available

### Power Solutions



100VAC – 2240VAC | 50/60Hz Compatible



## Product Information

| Part #    |                                               | Ext. Length | Frame Depth | Weight Capacity | Rough Opening Width | Rough Opening Width When Using Gasket & Guide Kit |
|-----------|-----------------------------------------------|-------------|-------------|-----------------|---------------------|---------------------------------------------------|
| AX-SXR-xx | xx equals # of useable space (15 to 43 space) | 787mm       | 508mm       | 204kg           | 489mm               | 499mm                                             |

| 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 | Part # | Height Range Off the Floor |
| TRACK31                                            | AX-SXR   | 787mm        | 787mm                 | TS310                                                                                   | 76mm to 279mm              | TS1640 | 406mm to 1016mm            |



## Options

Please visit our website for more info.

| Fits Part #   | Description                | Fits    |
|---------------|----------------------------|---------|
| AXS-FAN-119   | 1 slim fan, 1.61 m³/m      | AX-SXR  |
| AXS-FAN-K-119 | 2 slim fans, 3.2 m³/m      | AX-SXR  |
| AXS-GG20      | gasket and guide kit       | AX-SXR  |
| AXS-TEXTRIM   | trim panel textured finish | any AXS |
| BG17          | 5182mm brush gasket        | any AXS |



ASR-60-HD

## heavy-duty slide out rotating shelving system



The **ASR-HD Series** provides slide out and rotating functionality while enhancing access to rear equipment connections.

- Designed for more visible installations where aesthetics are important
- Shelves are simple to install and adjustable in 19mm increments
- Pulls out, rotates 60° in either direction and locks for easy access to connections
- Self-centering base speeds installation
- Ships fully assembled to save time
- Locking detent protects millwork
- Included cable management system facilitates a clean, organized installation
- Up to a 130 kg weight capacity depending on model

### Certifications

- UL/ETL Listed
- RoHS
- GREENGUARD

### Market Solutions



Broadcast



Commercial  
AV



Residential  
AV



Security



Structured  
Cabling



Education



International  
Fan Available



Product Information

| Part #    | Opening Height | Useable Depth | Weight Capacity | # of Shelves |
|-----------|----------------|---------------|-----------------|--------------|
| ASR-30-HD | 762mm          | 483mm         | 91 kg           | 4            |
| ASR-42-HD | 1067mm         | 483mm         | 91 kg           | 6            |
| ASR-60-HD | 1524mm         | 483mm         | 113kg           | 9            |



- Application Tip
- For in cabinet installs, use ICABCOOL to keep system cool, pg. 225

Options

Please visit our website for more info.



## slide out rotating shelf



The **ASR Series** is ideal for smaller systems or when an open shelf system is desired.

- Provides enhanced access to rear equipment connections
- Self-leveling shelves are simple to install and are adjustable in 19mm increments
- Ready-to-assemble knockdown shipment
- Included cable management system facilitates a clean, organized installation

### Certifications

- UL/ETL Listed
- RoHS
- GREENGUARD



## slide out rotating base



The **REB Series** is designed for accessing cable and equipment connections.

- Slides and rotates for easy access
- Two depths available
- Locks closed for safety
- Includes cable management system for a clean, organized installation

### Certifications

- UL/ETL Listed
- RoHS
- GREENGUARD



## Product Information

| Part # | Opening Height | Overall Width | Useable Depth | Weight Capacity | # of Shelves |
|--------|----------------|---------------|---------------|-----------------|--------------|
| ASR-30 | 762mm          | 457mm         | 410mm         | 45 kg           | 4            |
| ASR-36 | 914mm          | 457mm         | 410mm         | 45 kg           | 5            |
| ASR-42 | 1067mm         | 457mm         | 410mm         | 91 kg           | 6            |
| ASR-48 | 1219mm         | 457mm         | 410mm         | 91 kg           | 7            |

## Market Solutions



Broadcast

Commercial  
AVResidential  
AV

Security

Structured  
Cabling

Education

International  
Fan Available

## Product Information

| Part # | Min. Rough Opening Width* | Recommended Rough Opening Minimum Depth** | Weight Capacity | Useable Depth   |                   |
|--------|---------------------------|-------------------------------------------|-----------------|-----------------|-------------------|
|        |                           |                                           |                 | With No Setback | With 25mm Setback |
| REB14  | 435mm                     | 381mm                                     | 34 kg           | 330mm           | 305mm             |
| REB18  | 435mm                     | 483mm                                     | 34 kg           | 432mm           | 406mm             |

\* Rough opening width will be extended by components wider than 432mm

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

## Market Solutions



Broadcast

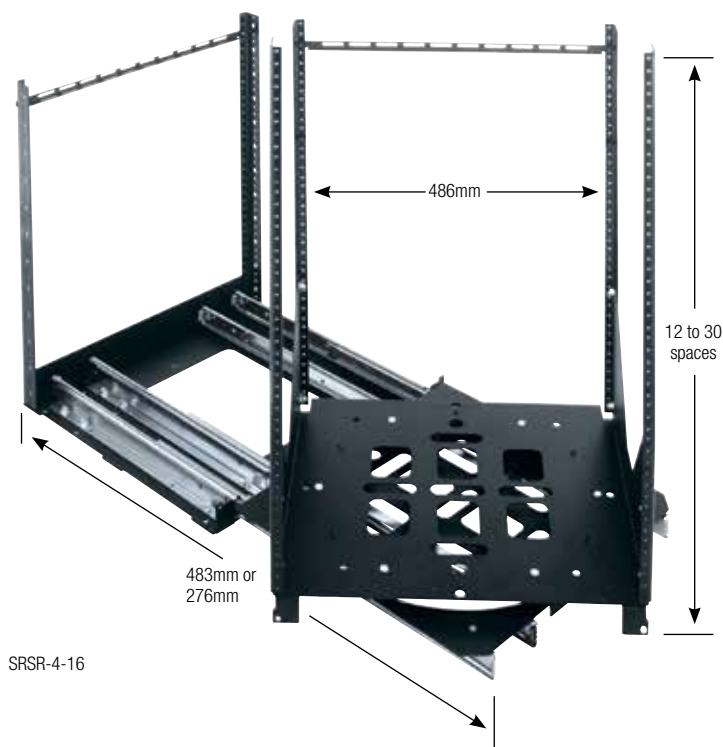
Commercial  
AVResidential  
AV

Security

Structured  
Cabling

Education

International  
Fan Available



## slide out rotating shelf

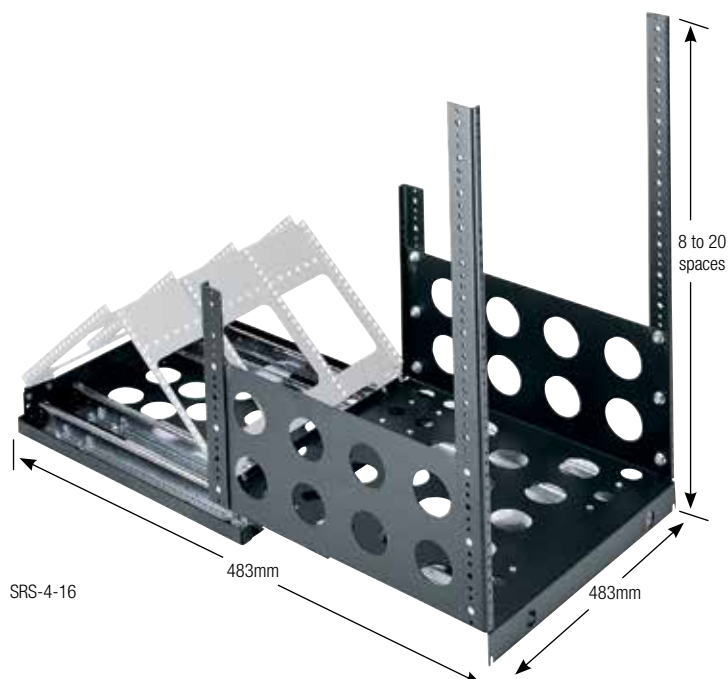


The **SRSR Series** allows the rack frame to pull out and rotate for rear access to equipment in millwork or in-wall applications.

- Removable rack frame allows in-shop integration and on-site installation of equipment
- Locks in the extended position for simplified equipment integration
- Rotating equipment bay locks in place at 0°, 60° and 90° for easy installation and servicing
- Self-centering mounting base makes it simple to align system within cabinet opening
- Rear cable support works in conjunction with rear rackrail for effective cable management

### Certifications

- UL/ETL Listed
- RoHS
- GREENGUARD



## slide out rotating rail system



The **SRS Series** is designed for rear access to equipment connections in millwork and cabinets.

- System pulls out a full 483mm, providing rear access to equipment with shallow depths
- Trim panel secures unit closed
- Accepts optional triple-hinged, full-width cable carrier for additional cable management
- Standard front (8-20 spaces) and rear (7 space) 10-32 threaded rackrail with marked spaces

### Certifications

- UL/ETL Listed
- RoHS
- GREENGUARD



## Product Information

| Part #                                         | Description             | Overall Depth |
|------------------------------------------------|-------------------------|---------------|
| SRSR-2-xx (# of useable spaces, from 12 to 24) | 2 slide 57 kg capacity  | 483mm         |
| SRSR-4-xx (# of useable spaces, from 12 to 30) | 4 slide 113 kg capacity | 483mm         |
| SRSR-X-xx (# of useable spaces, from 12 to 30) | 4 slide 91 kg capacity  | 584mm         |



### Application Tip

- For in cabinet installs, use ICABCOOL to keep system cool, pg. 225

## Market Solutions



Broadcast

Commercial  
AVResidential  
AV

Security

Structured  
Cabling

Education

International  
Fan Available

## Product Information

| Part #                                      | Description             |
|---------------------------------------------|-------------------------|
| SRS2-xx (# of Useable spaces, from 8 to 20) | 2 slide 57 kg capacity  |
| SRS4-xx (# of Useable spaces, from 8 to 20) | 4 slide 113 kg capacity |

## Options

Please visit our website for more info.

| Part # | Description            |
|--------|------------------------|
| SRCC   | optional cable carrier |
| BG17   | 518mm brush gasket     |

## Market Solutions



Broadcast

Commercial  
AVResidential  
AV

Security

Structured  
Cabling

Education

International  
Fan Available



## specialty racks

Middle Atlantic Products offers a wide range of equipment mounting solutions that were purpose-engineered for special installation challenges, and we call these models "Specialty Application Racks".

This section includes racks designed to roll from room to room, racks designed to fit into AV furniture, and more – even racks designed to hang from the ceiling.



Photo courtesy of Savant Experience Center.

And every solution features the same robust construction and attention to detail that you expect from Middle Atlantic.

We welcome your installation challenges – if you don't find a solution for your installation project needs, please call us for assistance.

|                              |           |
|------------------------------|-----------|
| MFR and RFR Series           | 96 - 97   |
| RK/BRK, OBRK and MBRK Series | 98 - 99   |
| OSR and SRK Series           | 100 - 101 |
| Slim 2 and DR Series         | 102 - 103 |
| PTRK and ISRK Series         | 106 - 107 |
| HRF Series                   | 106 - 107 |
| CFR Series                   | 108 - 109 |
| IDF and DTRK Series          | 110 - 111 |



MFR-2027GE

## rugged and reliable



The **MFR Series** racks are 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
- Bolt-through casters (76mm) and internal steel bracing for strength (102mm casters on 20 space rack)
- Designed for passive cooling; optional fan kit is available
- Includes 10-32 threaded adjustable front rail
- Locking plexi front door is standard
- Ships fully assembled
- Optional flat screen mount holds most monitors up to 813mm

### Certifications

- UL/ETL Listed
- RoHS
- GREENGUARD



RFR-2428TR

## elegant mobility



The **RFR Reference Series** combines our most elegant design and highest reliability.



- Mobile presentation furniture rack, with wide, stable design
- Bolt-through casters (76mm) and internal steel bracing for strength
- Designed for passive cooling: optional blower kit is available
- Includes 10-32 threaded adjustable front rail
- Ships fully assembled
- Optional flat screen mount holds most monitors up to 813mm
- Efficient mounting Lever Lock™ system compatible (see pg. 206)

### Certifications

- UL/ETL Listed
- RoHS
- GREENGUARD



## Product Information

| Part #      | Overall Height | Racking Height       | Overall Depth | Useable Depth |
|-------------|----------------|----------------------|---------------|---------------|
| MFR-1227xx* | 679mm          | 533mm (12 rackspace) | 695mm         | 584mm         |
| MFR-1627xx* | 857mm          | 711mm (16 rackspace) | 695mm         | 584mm         |
| MFR-2027xx* | 1067mm         | 889mm (20 rackspace) | 695mm         | 584mm         |

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

## Options

| Rear Rackrail Kits* | Racking Height       | Monitor Mount          | (2) 76mm DC Fans, 50 CFM with Power Supply |
|---------------------|----------------------|------------------------|--------------------------------------------|
| MFR-RRK-12          | 533mm (12 rackspace) | MMB-1X1-12C<br>pg. 144 | MFR-FANKIT-2<br>pg. 226                    |
| MFR-RRK-16          | 711mm (16 rackspace) |                        |                                            |
| MFR-RRK-20          | 889mm (20 rackspace) |                        |                                            |

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

## Finishes

Please see pg. 249 for more info.

## Market Solutions



Broadcast



Commercial  
AV



Residential  
AV



Security



Structured  
Cabling



Education



International  
Fan Available

## Product Information

| Part #      | Overall Height | Racking Height        | Overall Depth | Useable Depth |
|-------------|----------------|-----------------------|---------------|---------------|
| RFR-1628xx* | 889mm          | 711mm (16 rackspace)  | 718mm         | 590mm         |
| RFR-2028xx* | 1067mm         | 889mm (20 rackspace)  | 718mm         | 590mm         |
| RFR-2428xx* | 1244mm         | 1067mm (24 rackspace) | 718mm         | 590mm         |

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

## Options

| Rear Rackrail Kits* | Racking Height        | Monitor Mount          | Lever Lock™ Mounts (2)** | Quiet DC Blower Panel 50 CFM, 29 dB |
|---------------------|-----------------------|------------------------|--------------------------|-------------------------------------|
| RFR-ERRK-16         | 711mm (16 rackspace)  | MMB-1X1-12C<br>pg. 144 | LL-RFR                   | RFR-CABCOOL50<br>pg. 225            |
| RFR-ERRK-20         | 889mm (20 rackspace)  |                        |                          |                                     |
| RFR-ERRK-24         | 1067mm (24 rackspace) |                        |                          |                                     |

\* NOTE: you must order rear rail in the same size as your rack order. \*\*Accommodates all 432mm vertical Lever Lock options.

## Finishes

Please see pg. 49 for more info.

## Market Solutions



Broadcast



Commercial  
AV



Residential  
AV



Security



Structured  
Cabling



Education



International  
Fan Available



## laminate equipment racks



The **RK/BRK Series** are versatile equipment racks are offered with a variety of options for superior equipment mounting, casters and aesthetics.

- Superior equipment mounting, mobility and aesthetics
- Ready-to-assemble design allows for flat shipment via UPS
- Easy assembled with included hardware
- Includes 10-32 threaded front rackrail
- Available in black, maple or oak laminate finish

### Certifications

- UL/ETL Listed
- RoHS
- GREENGUARD

### Market Solutions



Broadcast



Commercial  
AV



Residential  
AV



Security



Structured  
Cabling



Education



International  
Fan Available



MBRK16



OBRK16



## Product Information

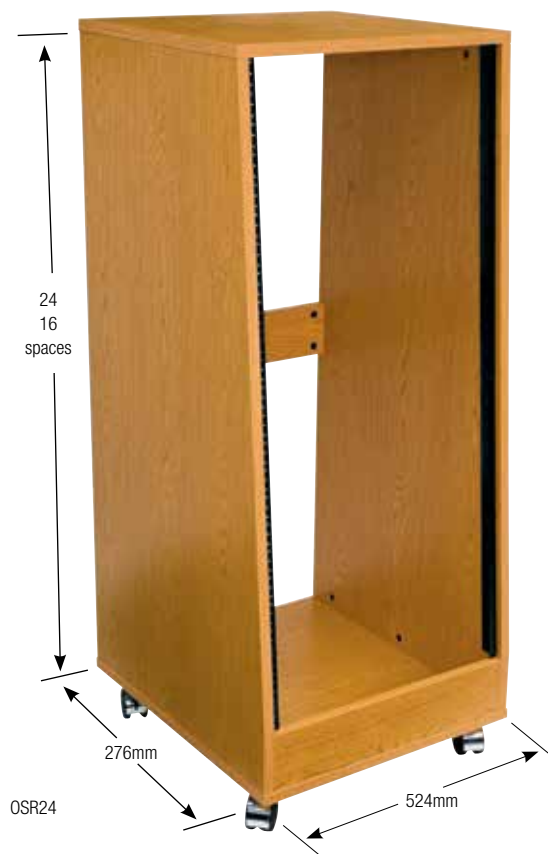
|                  | Series | Part #     | Depth | Racking Height    | Overall Height | Weight Capacity |
|------------------|--------|------------|-------|-------------------|----------------|-----------------|
| Black<br>Finisih | RK     | RK2        | 406mm | 89mm (2 space)    | 127mm          | 91 kg           |
|                  |        | RK4        | 406mm | 178mm (4 space)   | 216mm          | 91 kg           |
|                  |        | RK6        | 406mm | 267mm (6 space)   | 305mm          | 91 kg           |
|                  |        | RK8        | 406mm | 356mm (8 space)   | 394mm          | 91 kg           |
|                  |        | RK10       | 406mm | 445mm (10 space)  | 483mm          | 91 kg           |
|                  |        | RK12       | 406mm | 533mm (12 space)  | 572mm          | 91 kg           |
|                  |        | RK14       | 406mm | 2114mm (14 space) | 660mm          | 91 kg           |
|                  |        | RK16       | 406mm | 711mm (16 space)  | 749mm          | 91 kg           |
|                  |        | RK20       | 406mm | 889mm (20 space)  | 927mm          | 91 kg           |
| Black<br>Finisih | BRK    | BRK6       | 457mm | 267mm (6 space)   | 305mm          | 91 kg           |
|                  |        | BRK8       | 457mm | 356mm (8 space)   | 394mm          | 91 kg           |
|                  |        | BRK8-22    | 559mm | 356mm (8 space)   | 394mm          | 91 kg           |
|                  |        | BRK10      | 457mm | 445mm (10 space)  | 483mm          | 91 kg           |
|                  |        | BRK12      | 457mm | 533mm (12 space)  | 572mm          | 91 kg           |
|                  |        | BRK12-22   | 559mm | 533mm (12 space)  | 572mm          | 91 kg           |
|                  |        | BRK12-28   | 711mm | 533mm (12 space)  | 572mm          | 91 kg           |
|                  |        | BRK14      | 457mm | 2114mm (14 space) | 660mm          | 91 kg           |
|                  |        | BRK16      | 457mm | 711mm (16 space)  | 572mm          | 91 kg           |
|                  |        | BRK16-22   | 559mm | 711mm (16 space)  | 572mm          | 91 kg           |
|                  |        | BRK16-28   | 457mm | 711mm (16 space)  | 572mm          | 91 kg           |
|                  |        | BRK20      | 457mm | 889mm (20 space)  | 927mm          | 91 kg           |
|                  |        | BRK20-22*  | 559mm | 889mm (20 space)  | 927mm          | 223 kg          |
|                  |        | BRK20-28*  | 711mm | 889mm (20 space)  | 927mm          | 91 kg           |
|                  |        | BRK28-22*  | 559mm | 4227mm (28 space) | 1283mm         | 223 kg          |
|                  |        | BRK28-28*  | 711mm | 4227mm (28 space) | 1283mm         | 91 kg           |
| Maple<br>Finisih | MBRK   | MBRK8      | 406mm | 356mm (8 space)   | 394mm          | 91 kg           |
|                  |        | MBRK8-22   | 559mm | 356mm (8 space)   | 394mm          | 91 kg           |
|                  |        | MBRK12     | 406mm | 533mm (12 space)  | 572mm          | 91 kg           |
|                  |        | MBRK12-22  | 559mm | 533mm (12 space)  | 572mm          | 91 kg           |
|                  |        | MBRK12-28  | 559mm | 533mm (12 space)  | 572mm          | 91 kg           |
|                  |        | MBRK16     | 406mm | 711mm (16 space)  | 572mm          | 91 kg           |
|                  |        | MBRK16-22  | 559mm | 711mm (16 space)  | 572mm          | 91 kg           |
|                  |        | MBRK16-28  | 711mm | 711mm (16 space)  | 572mm          | 91 kg           |
|                  |        | MBRK20     | 406mm | 889mm (20 space)  | 927mm          | 91 kg           |
|                  |        | MBRK20-22* | 559mm | 889mm (20 space)  | 927mm          | 223 kg          |
|                  |        | MBRK20-28* | 711mm | 889mm (20 space)  | 927mm          | 223 kg          |
|                  |        | MBRK28-22* | 559mm | 4227mm (28 space) | 1283mm         | 223 kg          |
|                  |        | MBRK28-28* | 711mm | 4227mm (28 space) | 1283mm         | 223 kg          |
| Oak<br>Finisih   | OBRK   | OBRK8      | 457mm | 356mm (8 space)   | 394mm          | 91 kg           |
|                  |        | OBRK12     | 457mm | 533mm (12 space)  | 572mm          | 91 kg           |
|                  |        | OBRK16     | 457mm | 711mm (16 space)  | 749mm          | 91 kg           |
|                  |        | OBRK20     | 457mm | 889mm (20 space)  | 927mm          | 91 kg           |

\*ships LTL

## Options

Please visit our website for more info.

| Smoked Tempered Glass Door                         |  | Racking Height                           |                         | Fits                               | Rear Access Panel Black Finish |                                     | Fits                            |                                    |  |                              |  |               |  |                              |  |
|----------------------------------------------------|--|------------------------------------------|-------------------------|------------------------------------|--------------------------------|-------------------------------------|---------------------------------|------------------------------------|--|------------------------------|--|---------------|--|------------------------------|--|
| RK-GD6                                             |  | 267mm (6 space)                          |                         | all BRKs,<br>MBRKs<br>and<br>OBRKs | —                              |                                     | all BRKs<br>and<br>MBRKs        |                                    |  |                              |  |               |  |                              |  |
| RK-GD8                                             |  | 356mm (8 space)                          |                         |                                    | RK-RAP8                        |                                     |                                 |                                    |  |                              |  |               |  |                              |  |
| RK-GD10                                            |  | 445mm (10 space)                         |                         |                                    | —                              |                                     |                                 |                                    |  |                              |  |               |  |                              |  |
| RK-GD12                                            |  | 533mm (12 space)                         |                         |                                    | RK-RAP12                       |                                     |                                 |                                    |  |                              |  |               |  |                              |  |
| RK-GD14                                            |  | 622mm (14 space)                         |                         |                                    | —                              |                                     |                                 |                                    |  |                              |  |               |  |                              |  |
| RK-GD16                                            |  | 711mm (16 space)                         |                         |                                    | RK-RAP16                       |                                     |                                 |                                    |  |                              |  |               |  |                              |  |
| RK-GD20                                            |  | 889mm (20 space)                         |                         |                                    | RK-RAP20                       |                                     |                                 |                                    |  |                              |  |               |  |                              |  |
| RK-GD28                                            |  | 1245mm (28 space)                        |                         |                                    | RK-RAP28                       |                                     |                                 |                                    |  |                              |  |               |  |                              |  |
| Fan Kit with Energy Saving<br>Thermostatic Control |  | Fits                                     | Quick<br>Position Shelf | Fits                               | Rear Rackrail Kits             | Fits                                | Caster Kits<br>(hardware incl.) | Fits                               |  |                              |  |               |  |                              |  |
| DC-FANKIT-4                                        |  | 559mm or deeper BRKs,<br>MBRKs and OBRKs |                         | SH-BRK (1)                         |                                | 457mm deep BRKs,<br>MBRKs and OBRKs |                                 | RK-RRx<br>(x=number of rackspaces) |  | all BRKs, MBRKs<br>and OBRKs |  | RKW           |  | all BRKs, MBRKs<br>and OBRKs |  |
|                                                    |  |                                          |                         |                                    |                                |                                     |                                 |                                    |  |                              |  | SH-BRK-3P (3) |  |                              |  |



## sloped oak rolling rack



The **OSR Series** versatile equipment racks are offered with a variety of options for superior equipment mounting, casters and aesthetics.

- Gently sloped (5°) rack face to facilitate equipment viewing
- Ready-to-assemble design allows for flat shipment via UPS
- Sturdy 19mm oak laminate construction
- Includes pre-installed heavy-gauge 10-32 threaded front rackrail
- Includes casters
- Oak finish and 91 kg weight capacity

### Certifications

- UL/ETL Listed
- RoHS
- GREENGUARD



## sloped rolling equipment rack



The **SRK Series** versatile equipment racks are offered with a variety of options for superior equipment mounting, casters and aesthetics.

- 16 vertical rackspaces at bottom, with 12 sloped rackspaces on top for easy visibility
- Ready-to-assemble design allows for flat shipment via UPS
- Includes pre-installed heavy-gauge 10-32 threaded front rackrail
- Includes factory-installed casters

### Certifications

- UL/ETL Listed
- RoHS
- GREENGUARD

Product Information

| Part # | Racking Height    | Depth at Top | Overall Height |
|--------|-------------------|--------------|----------------|
| OSR16  | 711mm (16 space)  | 495mm        | 927mm          |
| OSR24  | 1067mm (24 space) | 495mm        | 1283mm         |

Market Solutions

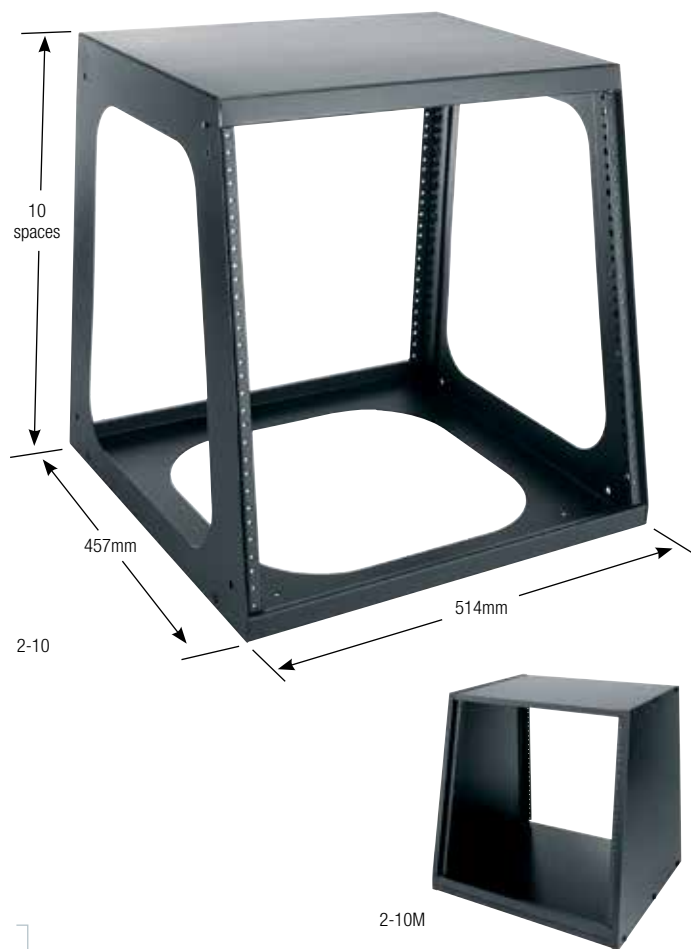
-   
Broadcast
-   
Commercial  
AV
-   
Residential  
AV
-   
Security
-   
Structured  
Cabling
-   
Education
-   
International  
Fan Available

Product Information

| Part # | Weight Capacity |
|--------|-----------------|
| SRK    | 91 kg           |

Market Solutions

-   
Broadcast
-   
Commercial  
AV
-   
Residential  
AV
-   
Security
-   
Structured  
Cabling
-   
Education
-   
International  
Fan Available



## sloped desktop racks

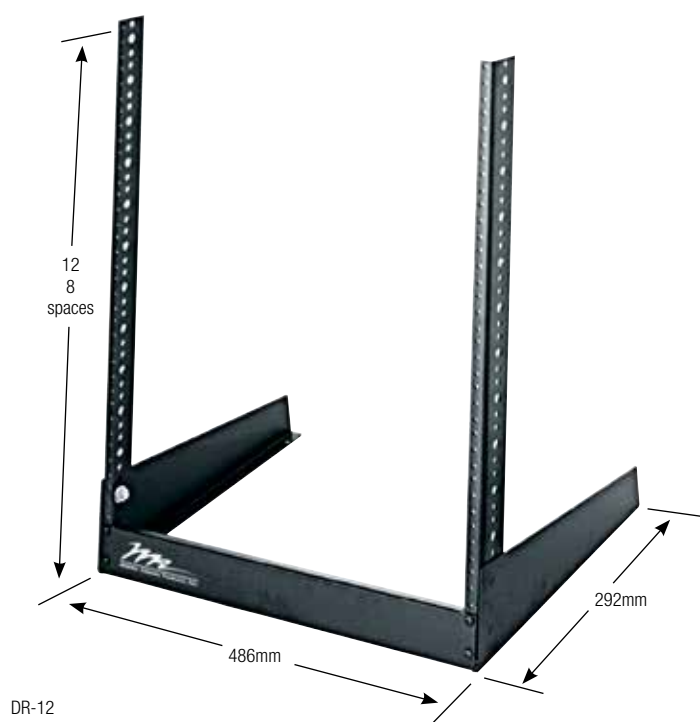


The **Slim 2 Series** allows for quick wire passage with open sides and bottom.

- Sloping rack face for easy equipment viewing
- Models include both fully assembled and ready-to-assemble designs allowing for flat shipment via UPS
- Removable black laminate side panels
- Standard fixed front and rear 10-32 threaded rackrail
- Includes rubber feet

### Certifications

- UL/ETL Listed
- RoHS
- GREENGUARD



## desktop rail racks



The **DR Series** rack quickly and inexpensively organizes desktop processing and test equipment.

- Gently sloped rack face for stability and to facilitate equipment viewing
- Ready-to-assemble design allows for flat shipment via UPS
- Standard fixed 10-32 threaded rackrail

### Certifications

- UL/ETL Listed
- RoHS
- GREENGUARD



## Product Information

| Part # | Description                           | Racking Height   | Top Depth | Bottom Depth | Overall Height |
|--------|---------------------------------------|------------------|-----------|--------------|----------------|
| 2-6M   | ready-to-assemble sloped desktop rack | 267mm (6 space)  | 403mm     | 454mm        | 324mm          |
| 2-10   | fully assembled sloped desktop rack   | 445mm (10 space) | 359mm     | 457mm        | 492mm          |
| 2-10M  | ready-to-assemble sloped desktop rack | 445mm (10 space) | 375mm     | 454mm        | 488mm          |

## Market Solutions



Broadcast

Commercial  
AVResidential  
AV

Security

Structured  
Cabling

Education

International  
Fan Available

## Product Information

| Part # | Racking Height   | Overall Height | Weight Capacity |
|--------|------------------|----------------|-----------------|
| DR-8   | 356mm (8 space)  | 408mm          | 34 kg           |
| DR-12  | 533mm (12 space) | 584mm          | 34 kg           |

## Market Solutions



Broadcast

Commercial  
AVResidential  
AV

Security

Structured  
Cabling

Education

International  
Fan Available



## portable rolling racks

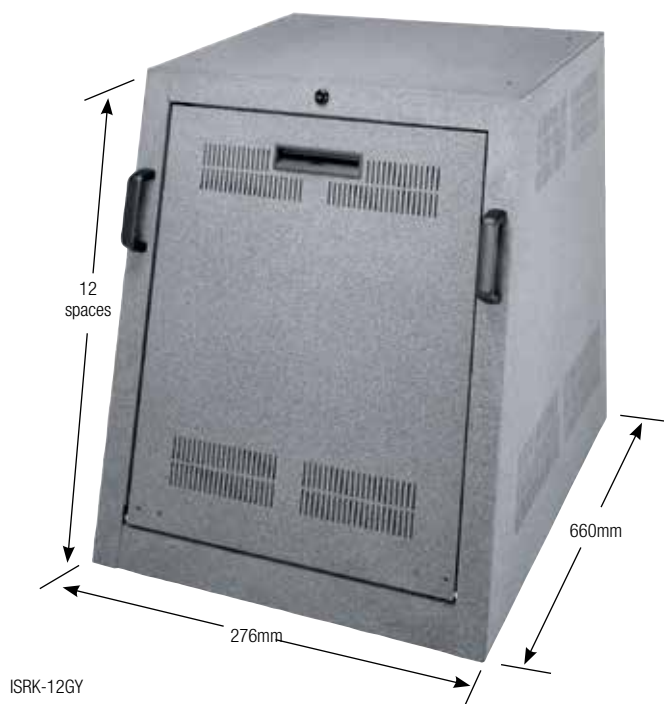


The **PTRK Series** rack is ideal for serving a variety of applications with smooth rolling 102mm casters, advanced cable management and secure doors.

- Fully welded steel construction for strength
- Spring-loaded recessed side handles for rack transport
- Keylocked front and rear doors standard for security
- Side panels are vented for passive thermal management
- Rear door accepts 102mm fans
- Slots in bottom of rack for cable strain relief & security equipment
- Includes heavy-duty commercial grade locking casters

### Certifications

- UL/ETL Listed
- RoHS
- GREENGUARD



## under desk rolling mobile presentation racks



The **ISRK Series** racks are ideal for all applications where an under-desk or mobile presentation rack is required, including control desk, mixing, testing and recording desks.

- Rolls under all standard height desks
- 15° slope provides an ergonomic viewing angle when used under-desk
- Scuff resistant Glide-Away™ front door stores in rack base
- Decora® knockouts accept RPS Series remote power switch
- Designed for passive thermal management

### Certifications

- UL/ETL Listed
- RoHS
- GREENGUARD



## Product Information

| Part #         | Racking Height    | Overall Height Including Casters | Useable Depth |
|----------------|-------------------|----------------------------------|---------------|
| PTRK-14        | 622mm (14 space)  | 857mm                            | 546mm         |
| PTRK-14MDK**   | 622mm (14 space)  | 883mm                            | 546mm         |
| PTRK-21        | 933mm (21 space)  | 1168mm                           | 546mm         |
| PTRK-21MDK**   | 933mm (21 space)  | 1194mm                           | 546mm         |
| PTRK-1426      | 622mm (14 space)  | 857mm                            | 622mm         |
| PTRK-1426MDK** | 622mm (14 space)  | 883mm                            | 622mm         |
| PTRK-2126      | 933mm (21 space)  | 1168mm                           | 622mm         |
| PTRK-2126MDK** | 933mm (21 space)  | 1194mm                           | 622mm         |
| PTRK-2726      | 1200mm (27 space) | 1435mm                           | 622mm         |
| PTRK-2726MDK** | 1200mm (27 space) | 1460mm                           | 622mm         |

\*\*Includes graphite laminate top and plexi front door

## Market Solutions



Broadcast



Commercial  
AV



Residential  
AV



Security



Structured  
Cabling



Education



International  
Fan Available

## Product Information

| Part #    | Racking Height       | Overall Height            |
|-----------|----------------------|---------------------------|
| ISRK-12GY | 533mm (12 rackspace) | 683mm (including casters) |

## Options

Please visit our website for more info.

| Part #       | Description                                 | Overall Height | Weight Capacity |
|--------------|---------------------------------------------|----------------|-----------------|
| WS1-ISRK-21G | ISRK work surface, graphite finish          | adds 29mm      | —               |
| MMB-1X1C     | single LCD articulating mount, black finish | —              | 13 kg           |

## Market Solutions



Broadcast



Commercial  
AV



Residential  
AV



Security



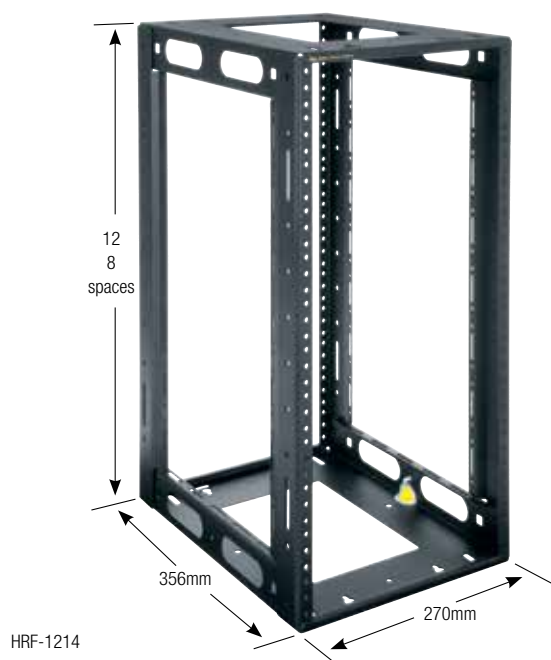
Structured  
Cabling



Education



International  
Fan Available



## half rack frame rack



The **HRF Series** is designed to accommodate half rack equipment.

- Accommodates 'half rack' equipment
- Low profile design to maximize useable space in confined areas
- Full range of accessories: shelves, panels, cooling and power products
- Strong welded steel construction
- Abundant internal cable lacing points facilitate cable management
- Standard fixed front and rear 10-32 threaded rackrail

### Certifications

- UL/ETL Listed
- RoHs
- GREENGUARD



### Market Solutions



Broadcast



Commercial  
AV



Residential  
AV



Security



Structured  
Cabling



Education



International  
Fan Available

### Power Solutions



100VAC – 2240VAC | 50/60Hz Compatible



## Product Information

| Part #   | Racking Height       | Overall Height |
|----------|----------------------|----------------|
| HRF-814  | 356mm (8 rackspace)  | 379mm          |
| HRF-1214 | 533mm (12 rackspace) | 557mm          |

## Options

|  |  |  |  |  |  |
|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|
| Runner Kit                                                                          | Universal Multi Shelves                                                             | Blank Panels                                                                        | Vent Panels                                                                          | Quiet Blower                                                                          | AVIP Half Rack Fixed Panels                                                           |
| 5-RS14                                                                              | HR-UMS1-3.5 (89mm depth)                                                            | HRBL1 (1 space)                                                                     | HR-EVT1 (1 space)                                                                    | IHR-QBP-1                                                                             | AVIP-HFK1 (1 space)                                                                   |
| —                                                                                   | HR-UMS1-5.5 (140mm depth)                                                           | HRBL2 (2 space)                                                                     | HR-EVT2 (2 space)                                                                    | —                                                                                     | AVIP-HFK2 (2 space)                                                                   |
| —                                                                                   | HR-UMS1-11.5 (292mm depth)                                                          | —                                                                                   | —                                                                                    | —                                                                                     | —                                                                                     |



CFR-12-16

## cabinet frame rack



The **CFR Series** is designed to maximize useable rackspace in entertainment systems, cabinets and similar spaces.

- Low profile design maximizes useable rackspace
- Strong welded frame allows for in-shop integration and on-site installation
- Includes feature offset cable tie ares
- Uprights feature offset cable tie areas
- Taller sizes available, please call for details

### Certifications

- UL/ETL Listed
- RoHs
- GREENGUARD

### Market Solutions



Broadcast



Commercial  
AV



Residential  
AV



Security



Structured  
Cabling



Education



International  
Fan Available



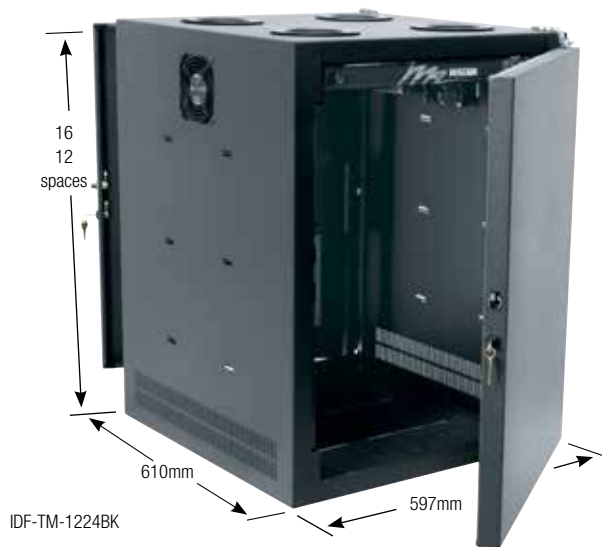
## Product Information

| 406mm Useable Depth Part # | 457mm Useable Depth Part # | 508mm Useable Depth Part # | 584mm Useable Depth Part # | Overall Height | Useable Height   |
|----------------------------|----------------------------|----------------------------|----------------------------|----------------|------------------|
| CFR-8-16                   | CFR-8-18                   | CFR-8-20                   | CFR-8-23                   | 379mm          | 356mm (8 space)  |
| CFR-9-16                   | CFR-9-18                   | CFR-9-20                   | CFR-9-23                   | 424mm          | 400mm (9 space)  |
| CFR-10-16                  | CFR-10-18                  | CFR-10-20                  | CFR-10-23                  | 468mm          | 445mm (10 space) |
| CFR-11-16                  | CFR-11-18                  | CFR-11-20                  | CFR-11-23                  | 513mm          | 489mm (11 space) |
| CFR-12-16                  | CFR-12-18                  | CFR-12-20                  | CFR-12-23                  | 557mm          | 21" (12 space)   |
| CFR-13-16                  | CFR-13-18                  | CFR-13-20                  | CFR-13-23                  | 602mm          | 578mm (13 space) |
| CFR-14-16                  | CFR-14-18                  | CFR-14-20                  | CFR-14-23                  | 646mm          | 622mm (14 space) |
| CFR-16-16                  | CFR-16-18                  | CFR-16-20                  | CFR-16-23                  | 646mm          | 622mm (14 space) |

## Options

Please visit our website for more info.

| 406mm Useable Depth Part # | 457mm Useable Depth Part # | 508mm Useable Depth Part # | 584mm Useable Depth Part # | Description                                          |
|----------------------------|----------------------------|----------------------------|----------------------------|------------------------------------------------------|
| 5-RS16                     | 5-RS18                     | 5-RS20                     | 5-RS23                     | low friction runner kit (adds 6mm to overall height) |



## overhead top hanging rack

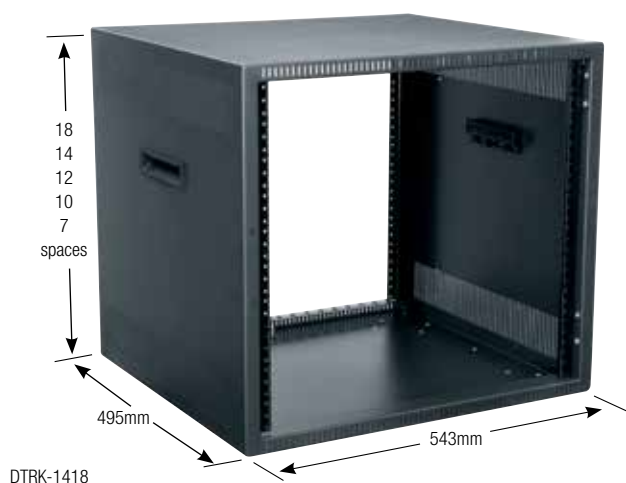


The **IDF Series** rack is ideal when rackmounting hubs, routers and other equipment overhead in warehouses, retail outlets or any larger, open location.

- Mounts directly to Unistrut® beam, to building truss or Unistrut® beam using threaded rods (not included)
- Includes a safety lanyard to ensure a secure installation
- Dual exhaust fans extend equipment life
- Aluminum bottom plate for mounting wireless antennae, dome cameras
- Multiple UHF/VHF antenna knockouts on the bottom of the enclosure
- Rack top includes four integral gland grommets 102mm cable pass-throughs
- Standard solid front & rear locking and latched doors with safety chains
- 68 kg weight capacity

### Certifications

- UL/ETL Listed
- RoHS
- GREENGUARD



## desktop racks



The **DTRK Series** racks provides a rackmounting solution for desktop or under-desk applications.



- Ships fully assembled, with sturdy welded steel construction
- Optional brackets provide compatibility with select Lever Lock™ accessories
- Efficient mounting Lever Lock™ system compatible (see pg. 206)
- Standard fixed front and rear 10-32 threaded rackrail

### Certifications

- UL/ETL Listed
- RoHS
- GREENGUARD



## Product Information

| Part #        | Racking Height   | Useable Depth |
|---------------|------------------|---------------|
| IDF-TM-1224BK | 533mm (12 space) | 533mm         |
| IDF-TM-1624BK | 711mm (16 space) | 533mm         |

## Options

Please visit our website for more info.

| Part #     | Description                                                                                |
|------------|--------------------------------------------------------------------------------------------|
| IDF-ARB-24 | optional rackrail bracket extender, converts IDF to full front to rear adjustable rackrail |

## Market Solutions



Broadcast

Commercial  
AVResidential  
AV

Security

Structured  
Cabling

Education

International  
Fan Available

## Product Information

| Part #    | Racking Height   | Overall Height | Useable Depth |
|-----------|------------------|----------------|---------------|
| DTRK-718  | 311mm (7 space)  | 358mm          | 470mm         |
| DTRK-1018 | 445mm (10 space) | 492mm          | 470mm         |
| DTRK-1218 | 533mm (12 space) | 581mm          | 470mm         |
| DTRK-1418 | 622mm (14 space) | 670mm          | 470mm         |
| DTRK-1818 | 800mm (18 space) | 848mm          | 470mm         |

## Options

Please visit our website for more info.

| Part #    | Vented Front Door | Plexi/Vented Front Door | Solid Rear Access Panel w/ Brush Cable Entry | LL-DTRK Allows Vertical Lever Lock™ Height | Commercial Grade Casters |
|-----------|-------------------|-------------------------|----------------------------------------------|--------------------------------------------|--------------------------|
| DTRK-718  | DT-VFD-7          | DT-PVFD-7               | DT-RAP7                                      | —                                          | DTRK-W                   |
| DTRK-1018 | DT-VFD-10         | DT-PVFD-10              | DT-RAP10                                     | 533mm                                      | DTRK-W                   |
| DTRK-1218 | DT-VFD-12         | DT-PVFD-12              | DT-RAP12                                     | 533mm                                      | DTRK-W                   |
| DTRK-1418 | DT-VFD-14         | DT-PVFD-14              | DT-RAP14                                     | 533mm                                      | DTRK-W                   |
| DTRK-1818 | DT-VFD-18         | DT-PVFD-18              | DT-RAP18                                     | 533mm                                      | DTRK-W                   |

Additional Options:



Lever Lock™ requires optional LL-DTRK kit

## Market Solutions



Broadcast

Commercial  
AVResidential  
AV

Security

Structured  
Cabling

Education

International  
Fan Available



## 2 and 4 post racks

Open frame racks, also called 2-post or 4-post racks, are widely used for cabling and patching frames, intermediate distribution points, and similar large installation purposes.

Middle Atlantic offers several styles to meet project needs, including aluminum and steel 2-post models, as well as steel 4-post and cable management racks.

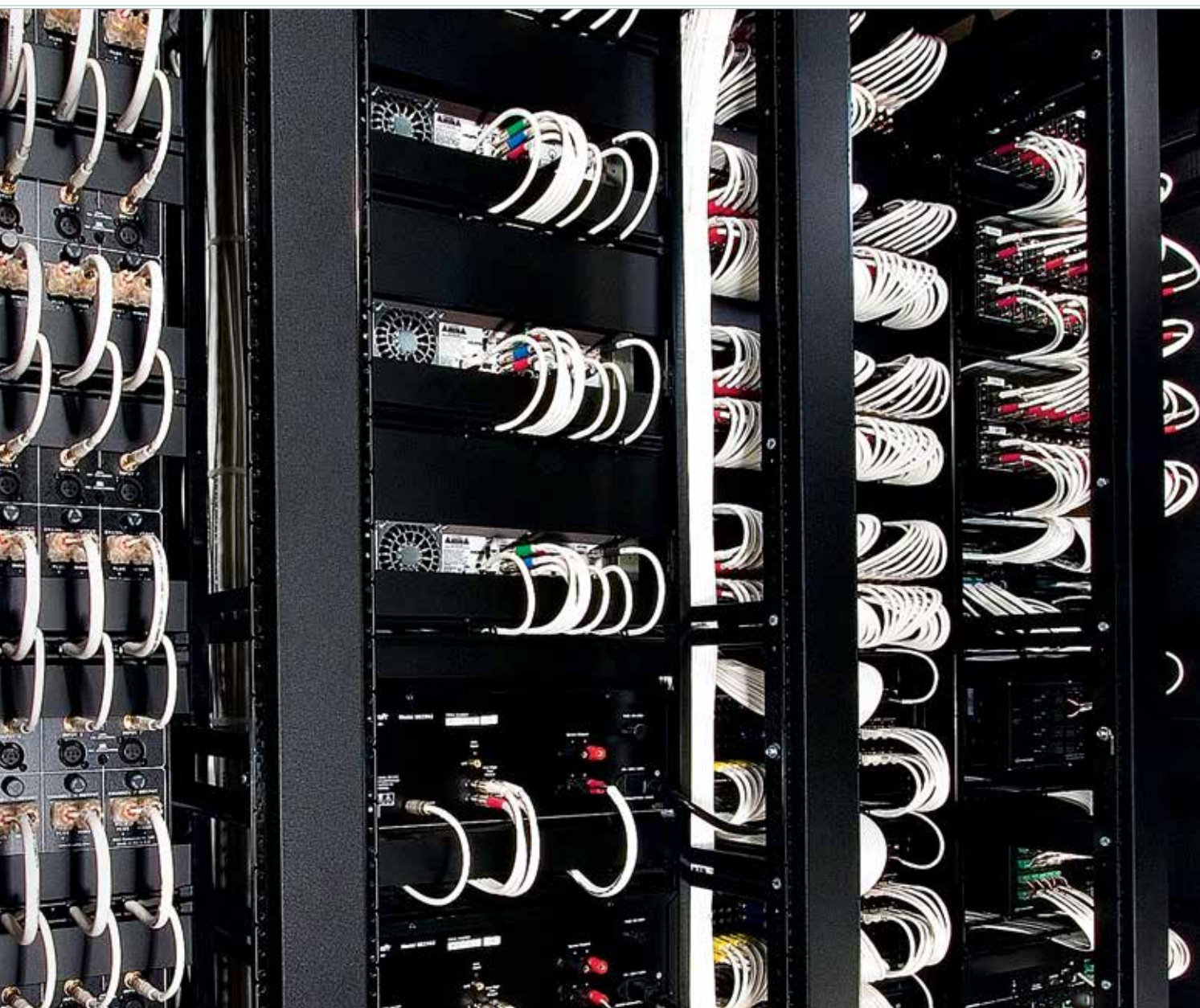
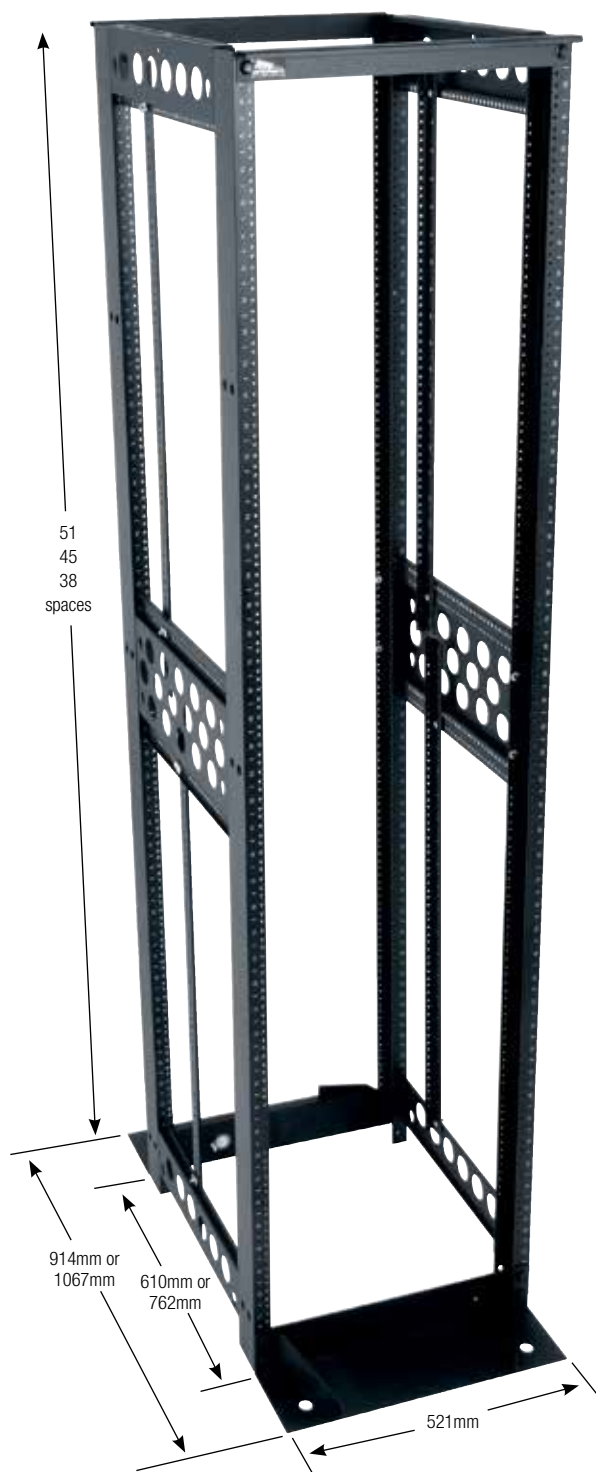


Photo courtesy of Audio One, North Miami Beach, FL

Models are available in 10-32 and 12-24 threaded styles, and some models are provided with cage nut rail. Note that the R2 series 2-post rack and the MK Series Cable Management Rack are both Seismic Certified.

Open frame racks range in capacity from 38 to 51 rackspaces.

|                      |           |
|----------------------|-----------|
| R4 Series            | 114 - 115 |
| MK Series            | 116 - 117 |
| RL/RLA and R2 Series | 118 - 119 |



R412-4524B

## most advanced rack enclosure



The **R4 Series** is designed to accommodate deeper, heavier components than a two post frame rac.

- Mount networking, telephone, VOIP equipment, routers, switches and more
- Two styles are available, one with 12-24 threaded and one with cage nut
- Open top accepts direct mounting of optional cable ladder pg. 217
- Versatile base mounts inward to save space or outward for stability
- Rack gangs to additional 4-post or 2-post open frame racks
- Optional 3rd rail
- Open frame design facilitates unrestricted air flow
- Sturdy construction from heavy gauge steel or aluminum (depending on model)
- Efficient mounting Lever Lock™ system compatible (see pg. 206)
- Knockdown design allows for flat shipment
- Includes 100 pcs. of suitable fasteners
- Includes additional split rackrail to provide up to three mounting depths

### Certifications

- UL/ETL Listed
- RoHS
- GREENGUARD

### Market Solutions



Broadcast



Commercial  
AV



Residential  
AV



Security



Structured  
Cabling



Education



International  
Fan Available



## Product Information

| 12-24 Threaded Rackrail Part # | Overall Width | Cage-Nut Rackrail Part # | Overall Width | Racking Height    | Overall Height | Useable Depth | Overall Depth |
|--------------------------------|---------------|--------------------------|---------------|-------------------|----------------|---------------|---------------|
| R412-3824B                     | 521mm         | —                        | —             | 1689mm (38 space) | 757mm          | 610mm         | 914mm         |
| R412-4524B                     | 521mm         | R4CN-4524B               | 540mm         | 2000mm (45 space) | 2140mm         | 610mm         | 914mm         |
| R412-5124B                     | 521mm         | R4CN-5124B               | 540mm         | 2267mm (51 space) | 96-13mm        | 610mm         | 914mm         |
| R412-3830B                     | 521mm         | —                        | —             | 1689mm (38 space) | 757mm          | 762mm         | 1067mm        |
| R412-4530B                     | 521mm         | R4CN-4530B               | 540mm         | 2000mm (45 space) | 2140mm         | 762mm         | 1067mm        |
| R412-5130B                     | 521mm         | R4CN-5130B               | 540mm         | 2267mm (51 space) | 2451mm         | 762mm         | 1067mm        |
| —                              | —             | R4CN-4536B               | 540mm         | 2000mm (45 space) | 2140mm         | 914mm         | 1219mm        |
| —                              | —             | R4CN-5136B               | 540mm         | 2267mm (51 space) | 2451mm         | 914mm         | 1219mm        |



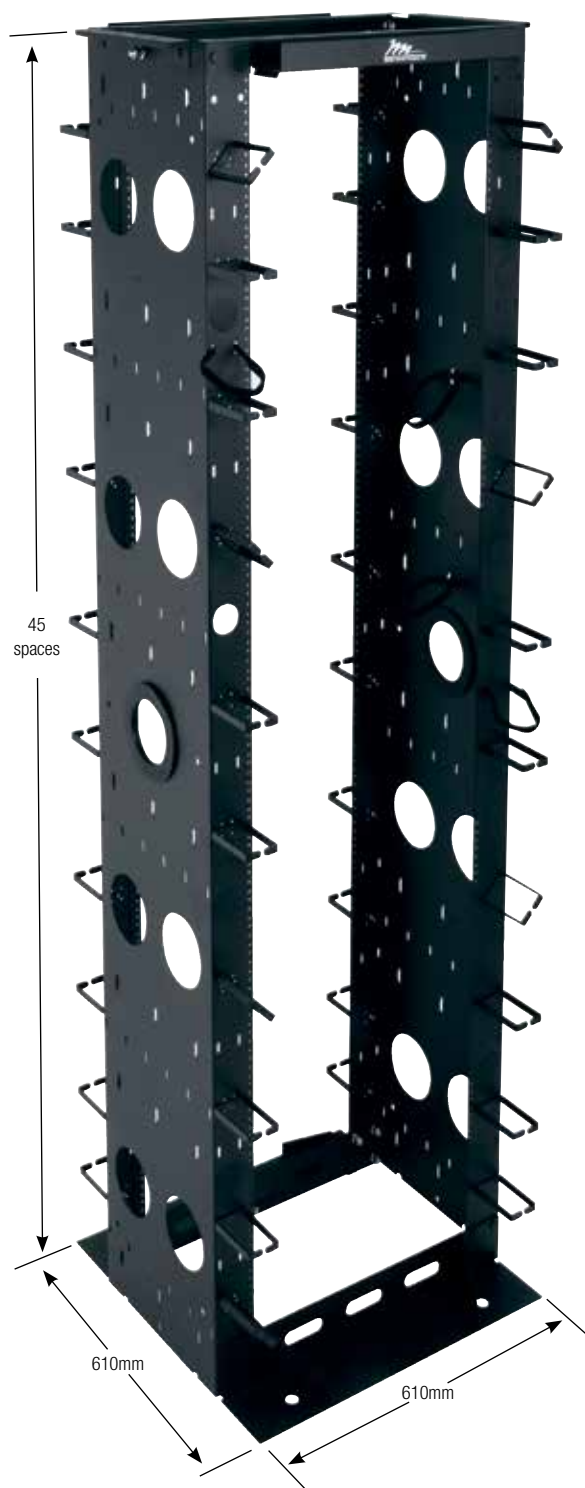
Vertical Plastic Cable Ducts

- Make protecting, routing and organizing cables easy, see pg.215

## Options

Please visit our website for more info.

| 12-24 Threaded Rackrail Part # | Side Panels | Add'l 12/24 Threaded Rackrail | Cage-Nut Rackrail Part # | Side Panels | Additional Cage Nut Rack Rail | Additional Cage Nut Z-Rail Adapter |
|--------------------------------|-------------|-------------------------------|--------------------------|-------------|-------------------------------|------------------------------------|
| R412-3824B                     | SPN-R4-3824 | R412-RR38                     | R4CN-4524B               | SPN-R4-4524 | PROR4CN-RR45                  | PROR4CN-ZRA45                      |
| R412-4524B                     | SPN-R4-4524 | R412-RR45                     | R4CN-5124B               | SPN-R4-5124 | PROR4CN-RR51                  | PROR4CN-ZRA51                      |
| R412-5124B                     | SPN-R4-5124 | R412-RR51                     | R4CN-4530B               | SPN-R4-4530 | PROR4CN-RR45                  | PROR4CN-ZRA45                      |
| R412-3830B                     | SPN-R4-3830 | R412-RR38                     | R4CN-5130B               | SPN-R4-5130 | PROR4CN-RR51                  | PROR4CN-ZRA51                      |
| R412-4530B                     | SPN-R4-4530 | R412-RR45                     | R4CN-4536B               | SPN-R4-4536 | PROR4CN-RR45                  | PROR4CN-ZRA45                      |
| R412-5130B                     | SPN-R4-5130 | R412-RR51                     | R4CN-5136B               | SPN-R4-5136 | PROR4CN-RR51                  | PROR4CN-ZRA51                      |



MK-1945-24

## cable management rack



The **MK Series** is ideal for applications with massive cable bundles

- Sturdy steel construction
- Unique indexed swiveling front-mount cable rings
- 152mm or 356mm deep channels for massive cable bundles (depending on model)
- Integral top cable ladders and cable trays in the front and rear
- 10-32 threaded front and rear rail
- Includes hook and loop fasteners and front cable feed-through hole plugs
- Includes 100 rack screws
- Includes 2 J-bolts
- 227 or 363 kg weight capacity, depending on mounting method, see tech spec.

### Certifications

- UL/ETL Listed
- RoHS
- GREENGUARD

### Market Solutions



Broadcast



Commercial  
AV



Residential  
AV



Security



Structured  
Cabling



Education



International  
Fan Available



Product Information

| Part #     | Racking Height | Overall Height | Overall Depth | Mounting Channel Depth |
|------------|----------------|----------------|---------------|------------------------|
| MK-19-45   | 45 space       | 2140mm         | 418mm         | 162mm                  |
| MK-1945-24 | 45 space       | 2140mm         | 610mm         | 356mm                  |



- For more horizontal cable management, see pg. 168



## 2 post steel open frame rack

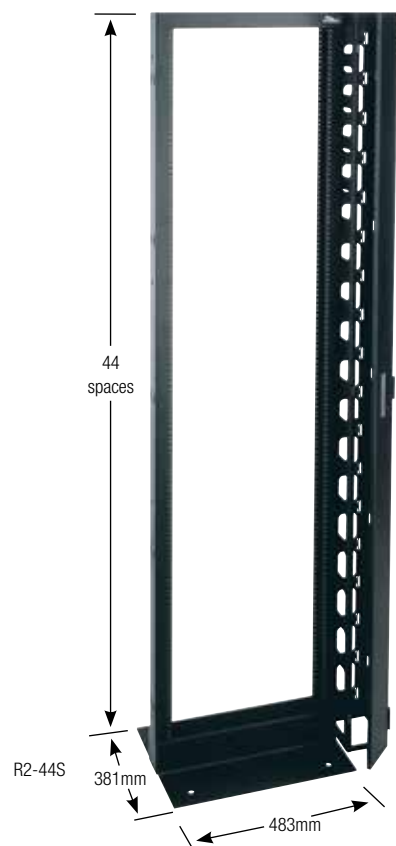


The **RL/RLA Series** incorporates a self-squaring, self-leveling design for easy assembly.

- Top rail accommodates standard cable ladders
- Threaded 10-32 or 12-24
- RL Series channels constructed from 11-gauge steel to provide extra strength
- Knockdown design allows for flat shipment via UPS
- Self-aligning design for fast assembly
- Includes 50 rack screws

### Certifications

- UL/ETL Listed
- RoHS
- GREENGUARD



## seismic certified



The **R2 Series** two post rack incorporates a heavy duty 10mm thick steel base that adds structural integrity to the steel frame.

- Top pattern holes accept a variety of cable ladders with no frame
- Fully welded all steel construction, ships assembled and ready to install
- Seismic certified for strength and reliability
- Heavy duty 10mm thick steel base
- 10-32 threaded front and rear, with numbered spaces
- Includes 50 rack screws
- 386 kg weight capacity

### Certifications

- Seismic Certification
- UL/ETL Listed
- RoHS
- GREENGUARD



## Product Information

| Part #      | Material | Racking Height    | Overall Height | Rackrail Type | Finish |
|-------------|----------|-------------------|----------------|---------------|--------|
| RL10-45     | steel    | 2000mm (45 space) | 2134mm         | 10-32         | black  |
| RL10-38     | steel    | 1689mm (38 space) | 1829mm         | 10-32         | black  |
| RL12-45     | steel    | 2000mm (45 space) | 2134mm         | 12-24         | black  |
| RLA19-1245B | aluminum | 2000mm (45 space) | 2134mm         | 12-24         | black  |
| RLA19-1245  | aluminum | 2000mm (45 space) | 2134mm         | 12-24         | silver |
| RLA19-1251B | aluminum | 2273mm (51 space) | 2442mm         | 12-24         | black  |

## Options

Please visit our website for more info.

| Part #                     | Description                                    |
|----------------------------|------------------------------------------------|
| CSB                        | CSB cantilever support base adds stability     |
| RLA, PCD and RLA-LA Series | vertical cable management options, see pg. 214 |

## Market Solutions



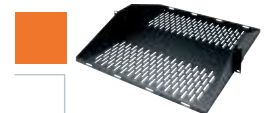
Broadcast

Commercial  
AVResidential  
AV

Security

Structured  
Cabling

Education

International  
Fan Available

- Shelves designed for open frame racks, see pg. 196

## Product Information

| Part #* | Racking Height    | Overall Height |
|---------|-------------------|----------------|
| R2-44S  | 1956mm (44 space) | 8102mm         |

## Market Solutions



Broadcast

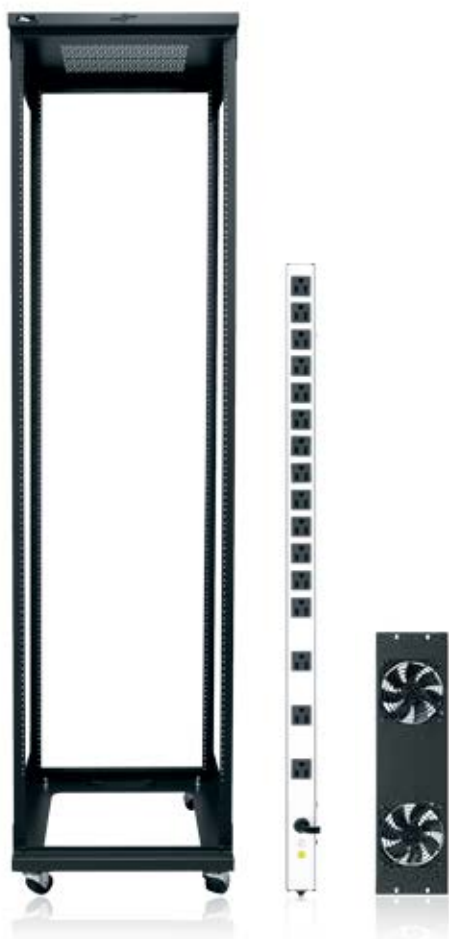
Commercial  
AVResidential  
AV

Security

Structured  
Cabling

Education

International  
Fan Available



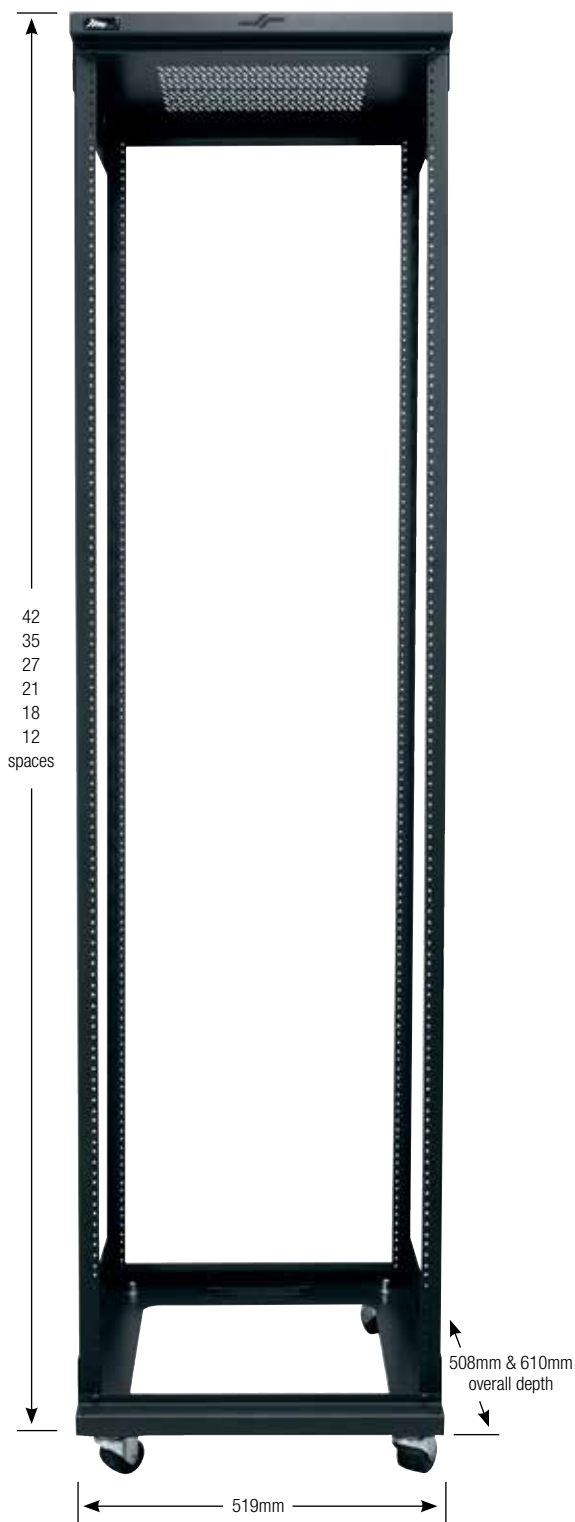
# Essex by Middle Atlantic

The broadest range of everyday value solutions with trusted Middle Atlantic quality. Essex includes three distinct rack offerings, power distribution and all the accessories you need to install reliable AV systems.

Everyday value from the brand you trust.



|                   |           |
|-------------------|-----------|
| QAR Series        | 122 - 123 |
| MMR Series        | 124 - 125 |
| RCS Series        | 126 - 127 |
| Power Options     | 128       |
| Accessory Bundles | 129       |
| Accessory Options | 130 - 131 |



QAR-42-24

## quick assembly rack



The **QAR Series** patent-pending snap together design can save 30 minutes or more in assembly time.

- Knock down skeleton frame can be outfitted with side panels, doors, power and accessory options to suit the application
- Attractive design with sleek metallic grey finish
- Ideal for installation in closets, basements, equipment rooms and other areas in the home
- Generous facilities for bottom cable entry
- Includes lockable casters; leveling feet optional for fixed installation
- Bracket included for easy mounting of power and vertical lacing strips
- Passive ventilation designed into rack top; optional quiet DC fan tops move up to 276 CFM
- UL Listed, 36kg weight capacity

### Certifications

- UL Listed
- RoHS
- GREENGUARD
- UL2416



### Market Solutions



Broadcast



Commercial  
AV



Residential  
AV



Security



Structured  
Cabling



Education

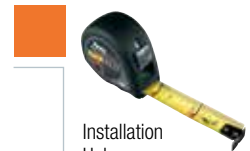


International  
Options



## Product Information

| Part #    | Racking Height    | Overall Height with Casters/ without Casters | Overall Depth | Useable Depth |
|-----------|-------------------|----------------------------------------------|---------------|---------------|
| QAR-12-20 | 533mm (12 space)  | 699mm / 630mm                                | 508mm         | 438mm         |
| QAR-12-24 | 533mm (12 space)  | 699mm / 630mm                                | 610mm         | 540mm         |
| QAR-18-20 | 800mm (18 space)  | 965mm / 897mm                                | 508mm         | 438mm         |
| QAR-18-24 | 800mm (18 space)  | 965mm / 897mm                                | 610mm         | 540mm         |
| QAR-21-20 | 933mm (21 space)  | 1100mm / 1031mm                              | 508mm         | 438mm         |
| QAR-21-24 | 933mm (21 space)  | 1100mm / 1031mm                              | 610mm         | 540mm         |
| QAR-27-20 | 1199mm (27 space) | 1367mm / 1298mm                              | 508mm         | 438mm         |
| QAR-27-24 | 1199mm (27 space) | 1367mm / 1298mm                              | 610mm         | 540mm         |
| QAR-35-20 | 1556mm (35 space) | 1722mm / 1654mm                              | 508mm         | 438mm         |
| QAR-35-24 | 1556mm (35 space) | 1722mm / 1654mm                              | 610mm         | 540mm         |
| QAR-42-20 | 1867mm (42 space) | 2032mm / 1963mm                              | 508mm         | 438mm         |
| QAR-42-24 | 1867mm (42 space) | 2032mm / 1963mm                              | 610mm         | 540mm         |



Installation  
Helper

- Rackspace measuring made easy, see pg. 245

## Options

| Part #    | Solid Front/<br>Rear Doors* | Plexi Front/<br>Rear Doors* | Side Panels<br>(Pair)** | Vertical<br>Power            | Vertical Cable<br>Lacing Strips (2 Pk) | Leveling Feet<br>(Set of 4) | Accessory Bundle<br>(pg. 129) |
|-----------|-----------------------------|-----------------------------|-------------------------|------------------------------|----------------------------------------|-----------------------------|-------------------------------|
| QAR-12-20 | DOOR-S12                    | DOOR-P12                    | SIDE-12-20              | PWR-8-V                      | LACE12-2PK                             | LEVELFEET-K                 | SMALL                         |
| QAR-12-24 | DOOR-S12                    | DOOR-P12                    | SIDE-12-24              | PWR-8-V                      | LACE12-2PK                             | LEVELFEET-K                 |                               |
| QAR-18-20 | DOOR-S18                    | DOOR-P18                    | SIDE-18-20              | PWR-8-V                      | LACE18-2PK                             | LEVELFEET-K                 |                               |
| QAR-18-24 | DOOR-S18                    | DOOR-P18                    | SIDE-18-24              | PWR-8-V                      | LACE18-2PK                             | LEVELFEET-K                 |                               |
| QAR-21-20 | DOOR-S21                    | DOOR-P21                    | SIDE-21-20              | PWR-8-V & PWR-16-V           | LACE21-2PK                             | LEVELFEET-K                 | MEDIUM                        |
| QAR-21-24 | DOOR-S21                    | DOOR-P21                    | SIDE-21-24              | PWR-8-V & PWR-16-V           | LACE21-2PK                             | LEVELFEET-K                 |                               |
| QAR-27-20 | DOOR-S27                    | DOOR-P27                    | SIDE-27-20              | PWR-8-V & PWR-16-V           | LACE27-2PK                             | LEVELFEET-K                 |                               |
| QAR-27-24 | DOOR-S27                    | DOOR-P27                    | SIDE-27-24              | PWR-8-V & PWR-16-V           | LACE27-2PK                             | LEVELFEET-K                 |                               |
| QAR-35-20 | DOOR-S35                    | DOOR-P35                    | SIDE-35-20              | PWR-8-V, PWR-16-V & PWR-24-V | LACE35-2PK                             | LEVELFEET-K                 | LARGE                         |
| QAR-35-24 | DOOR-S35                    | DOOR-P35                    | SIDE-35-24              | PWR-8-V, PWR-16-V & PWR-24-V | LACE35-2PK                             | LEVELFEET-K                 |                               |
| QAR-42-20 | DOOR-S42                    | DOOR-P42                    | SIDE-42-20              | PWR-8-V, PWR-16-V & PWR-24-V | LACE42-2PK                             | LEVELFEET-K                 |                               |
| QAR-42-24 | DOOR-S42                    | DOOR-P42                    | SIDE-42-24              | PWR-8-V, PWR-16-V & PWR-24-V | LACE42-2PK                             | LEVELFEET-K                 |                               |

\* Doors on the QAR require side panels \*\* Side panels add 38mm (pair) to the width



## multi mount rack



The **MMR Series** is the industry's most versatile and flexible fully welded rack that can be desktop, floor-standing or wall mounted.

- Multiple wall mount options provide flexibility for budgets and workflows
- Easy access pivot, hang bracket for mounting fully integrated rack, direct-to-wall for tighter budget installations
- Ideal for installation in closets, basements, equipment rooms and other areas in the home
- Fully welded, ready-to-integrate design
- Ideal for installation in closets, basements, equipment rooms and other spaces in the home
- Attractive design with sleek metallic grey finish
- Options include casters for mobility, leveling feet for fixed installation, locking solid and plexi doors that install in seconds
- Passive ventilation designed into rack top and sides; optional quiet DC fan tops move up to 276 CFM
- UL Listed, up to 113kg weight capacity

Mounts 5 ways!



### Certifications

- UL Listed
- RoHS
- GREENGUARD
- UL2416

### Market Solutions



Broadcast



Commercial  
AV



Residential  
AV



Security



Structured  
Cabling



Education



International  
Options



## Product Information

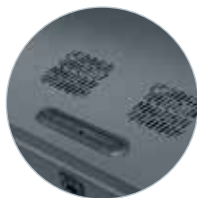
| Part #   | Racking Height   | Overall Height with Casters/ without Casters | Overall Depth | Useable Depth |
|----------|------------------|----------------------------------------------|---------------|---------------|
| MMR-1020 | 445mm (10 space) | 635mm / 569mm                                | 508mm         | 457mm         |
| MMR-1220 | 533mm (12 space) | 724mm / 658mm                                | 508mm         | 457mm         |
| MMR-1620 | 711mm (16 space) | 902mm / 836mm                                | 508mm         | 457mm         |
| MMR-1624 | 711mm (16 space) | 902mm / 836mm                                | 610mm         | 457mm         |
| MMR-1820 | 800mm (18 space) | 991mm / 925mm                                | 508mm         | 559mm         |
| MMR-1824 | 800mm (18 space) | 991mm / 925mm                                | 610mm         | 559mm         |

## Options

| Part #   | Quick Hang Wall Bracket Wall Mount Option | Pivoting Back Pan Wall Mount Option | Solid Front/ Rear Door | Plexi Front/ Rear Door | Vertical Power | Vertical Cable Lacing Strips (2 Pk) | Accessory Bundle (pg. 129) |
|----------|-------------------------------------------|-------------------------------------|------------------------|------------------------|----------------|-------------------------------------|----------------------------|
| MMR-1020 | HANG-MMR10                                | PIVOT-MMR-10                        | DOOR-S10               | DOOR-P10               | PWR-8-V        | —                                   | SMALL                      |
| MMR-1220 | HANG-MMR12                                | PIVOT-MMR-12                        | DOOR-S12               | DOOR-P12               | PWR-8-V        | —                                   |                            |
| MMR-1620 | HANG-MMR16                                | PIVOT-MMR-16                        | DOOR-S16               | DOOR-P16               | PWR-8-V        | —                                   |                            |
| MMR-1624 | HANG-MMR16                                | PIVOT-MMR-16                        | DOOR-S16               | DOOR-P16               | PWR-8-V        | —                                   | MEDIUM                     |
| MMR-1820 | HANG-MMR18                                | PIVOT-MMR-18                        | DOOR-S18               | DOOR-P18               | PWR-16-V       | LACE18-2PK                          |                            |
| MMR-1824 | HANG-MMR18                                | PIVOT-MMR-18                        | DOOR-S18               | DOOR-P18               | PWR-16-V       | LACE18-2PK                          |                            |



## pre-configured rack system



The **RCS Series** pre-configured rack system is integration-ready and is fully assembled.

- Assembled with:
  - Glass front door
  - Side and rear access panels
  - Shelves and vent panels
  - Casters and leveling feet
  - Top mounted DC fans
  - Accessory bracket for vertical power strip or lacing strips
- Fully welded, ready-to-integrate design
- Ideal for installation in closets, basements, equipment rooms and other spaces in the rooms
- Attractive design with sleek metallic grey finish
- Quiet, efficient cooling with integrated, 138 CFM DC fans
- Includes accommodations for vertical power strip and thermostatic fan controller (see pg. 227)
- UL Listed, up to 544kg weight capacity

### Certifications

- UL Listed
- RoHS
- GREENGUARD



### Market Solutions



Broadcast



Commercial  
AV



Residential  
AV



Security



Structured  
Cabling



Education



International  
Options

### Power Solutions

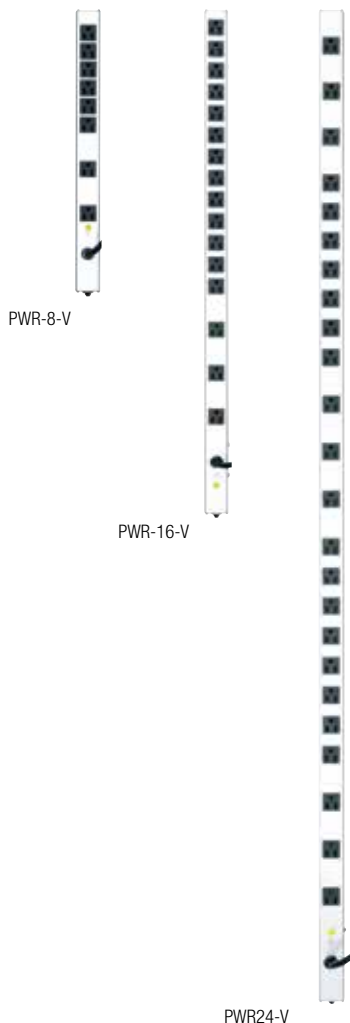


100VAC – 2240VAC | 50/60Hz Compatible



Product Information

| Part #    | Pre-Installed Shelves                                                                              | Pre-Installed 2 Space Blank Panels | Weight Capacity | Racking Height    | Overall Height |
|-----------|----------------------------------------------------------------------------------------------------|------------------------------------|-----------------|-------------------|----------------|
| IRCS-1824 | (3) 2 space, 406mm deep (23kg)                                                                     | 3                                  | 227kg           | 800mm (18 space)  | 981mm          |
| IRCS-2724 | (4) 2 space, 406mm deep (23kg)<br>(1) 2 space, 457mm deep (23kg)                                   | 5                                  | 340kg           | 1199mm (27 space) | 1381mm         |
| IRCS-3524 | (5) 2 space, 406mm deep (23kg)<br>(1) 2 space, 457mm deep (23kg)<br>(1) 3 space, 508mm deep (45kg) | 7                                  | 454kg           | 1556mm (35 space) | 1737mm         |
| IRCS-4224 | (5) 2 space, 406mm deep (23kg)<br>(2) 2 space, 457mm deep (23kg)<br>(2) 3 space, 508mm deep (45kg) | 9                                  | 544kg           | 1867mm (42 space) | 2048mm         |



## Vertical Power Distribution

- Compact profile for tight installations
- Spaced outlets for wall warts & adapters
- Three sizes (24, 16 or 8 outlets)

## Power Solutions



100VAC



| Part #   | Chassis Length | Amperage | # of Outlets | Outlet Type | Termination                    | Protection           | Local Meter | Fits Essex Rack Sizes |
|----------|----------------|----------|--------------|-------------|--------------------------------|----------------------|-------------|-----------------------|
| PWR-8-V  | 457mm          | 15 Amp   | 8            | 5-15R       | 2743mm cord* w/NEMA 5-15P Plug | circuit breaker only | no          | 10-42 RU              |
| PWR-16-V | 838mm          | 15 Amp   | 16           | 5-15R       | 2743mm cord* w/NEMA 5-15P Plug | circuit breaker only | no          | 21-42 RU              |
| PWR-24-V | 1524mm         | 15 Amp   | 24           | 5-15R       | 2743mm cord* w/NEMA 5-15P Plug | circuit breaker only | no          | 35-42 RU              |

## Horizontal Power Distribution

- Includes surge protection and filtering
- Models available with local meter to monitor current, voltage and power draw

## Power Solutions



100VAC



| Part #    | Amperage | Racking Height | Front Outlets | Rear Outlets | Local Meter | Cord Length | Protection            | Chassis Depth | Front Power Switch |
|-----------|----------|----------------|---------------|--------------|-------------|-------------|-----------------------|---------------|--------------------|
| PWR-9-RP  | 15 Amp   | 44mm (1 space) | 1             | 8            | no          | 2743mm      | L-N Surge & Filtering | 95mm          | Yes                |
| PWR-9-RPM | 15 Amp   | 44mm (1 space) | 1             | 8            | yes         | 2743mm      | L-N Surge & Filtering | 95mm          | Yes                |



front



rear

PWR-9-RPM



Bundled Accessory Packages

- Ordering made easy
- Bundled accessory packages enable easy ordering of frequently utilized options
- One part # includes the essential accessories which will be needed for an integrated system



SMALL



MEDIUM



LARGE

| Part #           | BUNDLE-SMALL | BUNDLE-MEDIUM                  | BUNDLE-LARGE                   |
|------------------|--------------|--------------------------------|--------------------------------|
| Fits Essex Racks | 10-18 RU     | 21-27 RU                       | 35-42 RU                       |
| Shelves          | (2) 2 RU     | (4) 2 RU                       | (4) 2 RU & (2) 4 RU            |
| Blank Panels     | (2) 2 RU     | (4) 2 RU                       | (6) 2 RU                       |
| Lacer Bars       | (4) straight | (4) straight & (4) 51mm Offset | (8) straight & (4) 51mm Offset |
| Rack Screws      | 50           | 100                            | 200                            |



LACE-12-2PK



LB-1A-4PK

## Cable Management

- Vertical lacing strips – perforated with many locations for securing cable bundles
- Horizontal lacer bars – L-shape design with tie points for securing cable bundles

| Vertical Lacing Strips Part # | Racking Height    | Width | Tie Points  | Pre-Pack Qty |
|-------------------------------|-------------------|-------|-------------|--------------|
| LACE12-2PK                    | 533mm (12 space)  | 51mm  | round holes | 2            |
| LACE18-2PK                    | 800mm (18 space)  | 51mm  | round holes | 2            |
| LACE21-2PK                    | 927mm (21 space)  | 51mm  | round holes | 2            |
| LACE27-2PK                    | 1199mm (27 space) | 51mm  | round holes | 2            |
| LACE35-2PK                    | 1556mm (35 space) | 51mm  | round holes | 2            |
| LACE42-2PK                    | 1867mm (42 space) | 51mm  | round holes | 2            |

| Horizontal Lacer Bars Part # | Style                 | Pre-Pack Qty |
|------------------------------|-----------------------|--------------|
| LB-1A-4PK                    | "L" bar               | 4            |
| LB-2A-4PK                    | "L" bar, 51mm offset  | 4            |
| LB-4A-4PK                    | "L" bar, 102mm offset | 4            |



IFANPNL-2DC



IFANTOP-138DC

## Thermal Management

- Fan top attaches to top of QAR/MMR Series racks
  - Use 2 fan tops for up to 276 CFM & easy integration slide into place & tighten
- Fan Panel - traditional rackmount panel
- Fan control unit - runs fans when temperature threshold is crossed
  - Optional for all Essex fan products, includes temperature sensor

| Part #        | Description                                    | Racking Height  | # of Fans | Free Air CFM | Max Sound Level | Vent Blocker |
|---------------|------------------------------------------------|-----------------|-----------|--------------|-----------------|--------------|
| IFANPNL-2DC   | fan panel                                      | 133mm (3 space) | 2 DC      | 138 CFM      | 32 dBA          | n/a          |
| IFANTOP-138DC | fan top                                        | n/a - fan top   | 2 DC*     | 138 CFM      | 32 dBA          | included     |
| FC-DC         | thermostatic fan controller, accepts 4 DC fans |                 |           |              |                 |              |

\* Two IFANTOP-138DC may be installed on QAR & MMR racks, for total of 4 fans/276 CFM/35 dBA

## Power Solutions



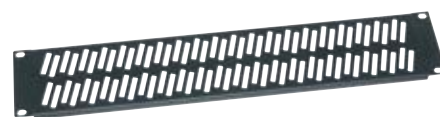
100VAC – 2240VAC | 50/60Hz Compatible



## Rack Panels

- Flanged for strength, available blank or vented
- Vent panel pattern matches design on Essex racks

| Part #         | Racking Height  | Style         | Pre-Pack Qty |
|----------------|-----------------|---------------|--------------|
| VPANEL-1U-2PK  | 44mm (1 space)  | 35% open area | 2            |
| VPANEL-2U-2PK  | 89mm (2 space)  | 35% open area | 2            |
| VPANEL-3U-2PK  | 133mm (3 space) | 35% open area | 2            |
| FBPANEL-1U-2PK | 44mm (1 space)  | solid         | 2            |
| FBPANEL-2U-2PK | 89mm (2 space)  | solid         | 2            |
| FBPANEL-3U-2PK | 133mm (3 space) | solid         | 2            |



VPANEL-2U-2PK



FBPANEL-3U-2PK

## Rackmount Storage and Shelves

- 2 & 4 RU drawers with integrator-installed keylock
- 2 & 4 RU vented shelves promote airflow

| Part #         | Racking Height  | Useable Depth | Keylock                 | Rear Cable Entry     | Pre-Pack Qty | Weight Capacity |
|----------------|-----------------|---------------|-------------------------|----------------------|--------------|-----------------|
| RKDRAWER-2U-LK | 89mm (2 space)  | 368mm         | included, not installed | pass-through opening | 1            | 16kg            |
| RKDRAWER-4U-LK | 178mm (4 space) | 368mm         | included, not installed | pass-through opening | 1            | 16kg            |



RKDRAWER-4U-LK

| Part #         | Racking Height  | Overall Depth | Useable Depth | Pre-Pack Qty | Weight Capacity |
|----------------|-----------------|---------------|---------------|--------------|-----------------|
| RKSHelf-2U-2PK | 89mm (2 space)  | 406mm         | 402mm         | 2            | 23kg            |
| RKSHelf-4U-2PK | 178mm (4 space) | 432mm         | 427mm         | 2            | 39kg            |



RKSHelf-2U-2PK

## Accessory Bracket (Pair)

- Allows for mounting of power, LACE or other vertical options

| Part #      |
|-------------|
| ESX-ACC-BKT |





## technical furniture

Technical furniture and mounting systems from Middle Atlantic are built for user ergonomics and system reliability. Just like our racks, they incorporate the best equipment mounting technologies that are:

- Optimized for Audio-Video and Security applications
- Engineered for fast, labor-saving installation



- Innovative solutions, promoting best practices for system reliability
- Designed and manufactured with the highest quality and standards
- The industry's highest customer service levels and quick delivery

Trust your AV installs to the furniture systems built from the rack up and certified for AV – only from Middle Atlantic Products.

|                                      |           |
|--------------------------------------|-----------|
| Frame To Furniture™                  | 134 - 141 |
| C5 Series Credenzas                  | 134 - 135 |
| L5 Series Lecterns                   | 136 - 137 |
| TechPed™ Series Technology Pedestals | 138 - 139 |
| HUB Collaboration Furniture          | 140 - 141 |
| Consoles/Workstations                | 142 - 153 |
| ViewPoint™ Series                    | 142 - 143 |
| Options                              | 144 - 147 |
| Edit Center™ Series                  | 148 - 149 |
| LD Series                            | 150 - 151 |
| MultiDesk Video™ Series              | 152 - 153 |
| Carts & Stands                       | 154 - 159 |
| Monitoring/Display Walls             | 160 - 163 |



moderno



sofa



klasik

## rack foundation with a furniture finish



Middle Atlantic Products is expanding its **C5 Series** Credenza offering to address the latest trends in commercial interior design.

- Frame to Furniture™ design complements an integrator's installation workflow
  - Frames are in stock guaranteeing quick delivery while allowing the integrator to immediately start the installation (the custom finishing kit is manufactured to order)
- Attractive styles, finishes and options reflect current design trends
- Frames are in stock guaranteeing quick delivery while allowing the integrator to immediately start the installation
- Built-in high static pressure MAP blower
- Veneer, high-pressure laminate and thermolaminate finishing options
- Available in 1, 2 or 3-bay models with standard or extra depth
- Vent finishes in white, black, silver or off-white
- Door hardware, locks and plexi door options available
- Push-touch latch included

### Certifications

- UL Listed in the US and Canada
- RoHS
- GREENGUARD



To Order

**Build a C5 Series credenza now.** Go to our step-by-step guide online [www.middleatlantic.com](http://www.middleatlantic.com)

Over 100,000 ways to customize  
+ Millwork kits available  
+ Color match veneer option

Popular Finishes

See more on pg. 249

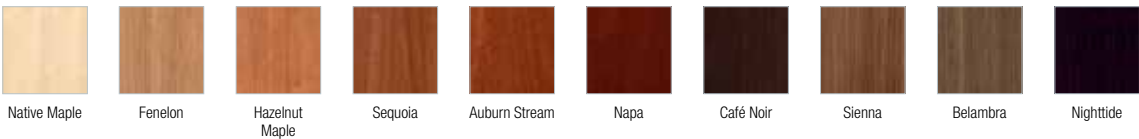
Veneer Options – Wood Grain



HPL Options – Wood Grain



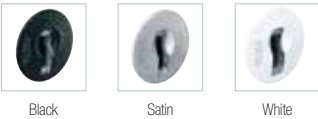
Thermolaminate Options



Door Accents



Locks



Vents



Doors





838mm turret model, sota design in limber maple shown  
584mm and 1092mm sizes also available



## integration friendly lectern



The **L5 Series** lectern is the industry's most integration-friendly lectern.

- Frame to Furniture™ design complements an integrator's installation workflow
  - Frames are in stock guaranteeing quick delivery while allowing the integrator to immediately start the installation (the custom finishing kit is manufactured to order)
- 3 sizes, 2 top styles, 2 designs
- Easy to integrate: frames ship from stock to quickly get you the foundation you need to start your install
- Future proofing: damage panels can be individually replace or the entire outer shell can be refinished without removing equipment

### Turret Top Style

- Customize your solution: Presenter's Panel™ is equipped with the knockouts you need and a variety of finishes & accessories are available to make each product unique
- Ideal for adding touch screens and/or controllers
- Efficient mounting Lever Lock™ system compatible (see pg. 206)

### Flat Top Style

- Large work surface area for laptops
- Accommodates Wiremold® Integrate Cable Retractors – visit [middleatlantic.com](http://middleatlantic.com) for more info
- Efficient mounting Lever Lock™ system compatible (see pg. 206)

### Certifications

- UL Listed in the US and Canada
- RoHS
- GREENGUARD



## To Order

**Build a L5 Series lectern now.** Go to our step-by-step guide online [www.middleatlantic.com](http://www.middleatlantic.com)

Over 100,000 ways to customize  
+ Millwork kits available  
+ Color match veneer option

## Popular Finishes

See more on pg. 249

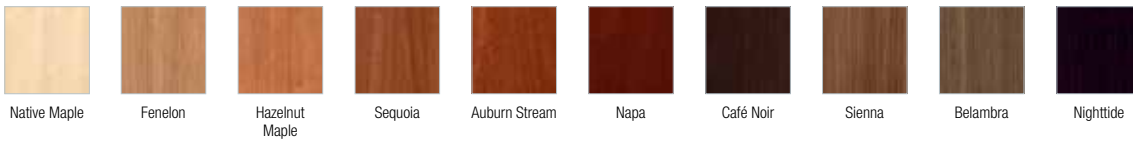
## Veneer Options – Wood Grain



## HPL Options – Wood Grain



## Thermolaminate Options



## Options





## easy to service solution



The **TechPed™ Series** Technology Pedestals provide under table support while housing equipment and cables; a simple to integrate, easy to service solution ideal for conference rooms and collaboration spaces.

- Frame to Furniture™ design complements an integrator's installation workflow
  - Frames are in stock guaranteeing quick delivery while allowing the integrator to immediately start the installation (the custom finishing kit is manufactured to order)
- Table support system designed to house electronics and cables
- Available in a spectrum of finishes to match any meeting room décor
- Engineered to maximize space and promote proper thermal and cable management
- The custom finishing kit is manufactured to order
- Removable side panels make installation and on-going maintenance easy
- Efficient mounting Lever Lock™ system compatible (see pg. 206)
- Includes 4 space rail



### Certifications

- RoHS
- GREENGUARD



## Product Information

| Frame    | Width | Finishing Kit* | Top & Bottom Opening | Ideal For                                                                                  |
|----------|-------|----------------|----------------------|--------------------------------------------------------------------------------------------|
| TP-F1318 | 457mm | TP-K1318       | 305mm x 432mm        | small size tables with minimal equipment mounting                                          |
| TP-F1325 | 635mm | TP-K1325       | 305mm x 610mm        | small to mid size tables with equipment mounting and table top boxes                       |
| TP-F1330 | 762mm | TP-K1330       | 305mm x 737mm        | mid to large size tables with equipment mounting and table top boxes with cable retractors |

\*Finishing kits require finish color selection.

## Popular Finishes

See more on pg. 249

### Veneer Options – Wood Grain

|                                                                                   |                                                                                   |                                                                                   |                                                                                   |                                                                                   |                                                                                   |                                                                                   |                                                                                    |                                                                                     |                                                                                     |
|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|
|  |  |  |  |  |  |  |  |  |  |
| Sandy –<br>Maple                                                                  | Scarlett –<br>Cherry                                                              | Cerise –<br>Sapele                                                                | Ashen –<br>Walnut                                                                 | Latte –<br>Walnut                                                                 | Demitasse –<br>Walnut                                                             | Sepia –<br>Walnut                                                                 | Mink –<br>Cherry                                                                   | Titan –<br>Walnut                                                                   | Noire –<br>Sapele                                                                   |

### HPL Options – Wood Grain

|                                                                                    |                                                                                    |                                                                                    |                                                                                    |                                                                                    |                                                                                    |                                                                                    |                                                                                     |                                                                                      |                                                                                      |
|------------------------------------------------------------------------------------|------------------------------------------------------------------------------------|------------------------------------------------------------------------------------|------------------------------------------------------------------------------------|------------------------------------------------------------------------------------|------------------------------------------------------------------------------------|------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------|
|  |  |  |  |  |  |  |  |  |  |
| Formica<br>White Ash                                                               | Wilsonart<br>High Line                                                             | Formica<br>Weathered Ash                                                           | Wilsonart<br>5th Ave. Elm                                                          | Wilsonart<br>Walnut Heights                                                        | Formica<br>Pecan Woodline                                                          | Wilsonart<br>Limber Maple                                                          | Formica<br>Oiled Lengo                                                              | Wilsonart<br>Mambo                                                                   | Formica<br>Blackened Lengo                                                           |

### Thermolaminate Options

|                                                                                     |                                                                                     |                                                                                     |                                                                                     |                                                                                     |                                                                                     |                                                                                     |                                                                                      |                                                                                       |                                                                                       |
|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|
|  |  |  |  |  |  |  |  |  |  |
| Native Maple                                                                        | Fenelon                                                                             | Hazelnut<br>Maple                                                                   | Sequoia                                                                             | Auburn Stream                                                                       | Napa                                                                                | Café Noir                                                                           | Sienna                                                                               | Belambra                                                                              | Nighttide                                                                             |

## Options

| Part #    | Description                                                 |
|-----------|-------------------------------------------------------------|
| TCCH-M-5  | under table hinged cable management, 241mm wide             |
| UTCM      | under table hinged cable management, 127mm wide             |
| TP-MK1    | custom finishing kit for millworker                         |
| TP-CR-BKT | change the mounting position of Wiremold® cable retractors* |

\*Required on 1318 and 1325



Tower shown is optional, display and camera mount not included.

## all-in-one collaboration solution



**Hub** is a technology-ready, all-in-one furniture solution for collaboration spaces that is designed to maximize equipment and cable storage.

- Simple to order with a single part number for the all-in-one system and color designation, with over 50 colors available
- All-in-one furniture solution with a flexible design leveraging built-in technology to benefit both integrator and end user:
  - Integrator – Easy order, integration and servicing
  - End-user – one complete foundational huddle space unit that is built for system reliability and color options to seamlessly blend into any environment



Available in angle or bullet shape, in 6', 7' or 8' lengths and finish options in HPL and thermolaminate. Includes hardware to connect Hub to the wall.



Mounts directly to the wall or to optional tower. Flat panel displays up to 55" recommended for optimal viewing.



Two securely-mounted 4-outlet power strips: one mounts to the table bracket for connections close to the display and includes a cover; the other is located inside the TechPed™ for table box connections.



TechPed™ Technology Pedestal offers 4 RU & space for cable retractors, power distribution & small device mounting. Ships assembled for easy integration and includes keylock to secure equipment & connections.



Lever Lock™ plates included for small device mounting within the TechPed™, with room for additional Lever Lock™ accessories.



Two Wiremold® InteGreat™ HDMI® Cable Retractors extend from the table box to make connections at any seat at the table.



Wiremold® InteGreat™ Table Box provides power and data for easy BYOD table top connections.



Built-in cable trough keeps wiring and connections neatly managed.

### Certifications

- RoHS
- GREENGUARD

### Power Solutions



100VAC





## Product Information

|       | Part #          | Size            | Finish                 |
|-------|-----------------|-----------------|------------------------|
| Angle | HUBTS-72ANGLE-H | 1829mm x 1219mm | high pressure laminate |
|       | HUBTS-84ANGLE-H | 2134mm x 1219mm | high pressure laminate |
|       | HUBTS-96ANGLE-H | 2439mm x 1219mm | high pressure laminate |
|       | HUBTS-72ANGLE-T | 1829mm x 1219mm | thermolaminate         |
|       | HUBTS-84ANGLE-T | 2134mm x 1219mm | thermolaminate         |
|       | HUBTS-96ANGLE-T | 2439mm x 1219mm | thermolaminate         |

|        | Part #           | Size            | Finish                 |
|--------|------------------|-----------------|------------------------|
| Bullet | HUBTS-72BULLET-H | 1829mm x 1219mm | high pressure laminate |
|        | HUBTS-84BULLET-H | 2134mm x 1219mm | high pressure laminate |
|        | HUBTS-96BULLET-H | 2439mm x 1219mm | high pressure laminate |
|        | HUBTS-72BULLET-T | 1829mm x 1219mm | thermolaminate         |
|        | HUBTS-84BULLET-T | 2134mm x 1219mm | thermolaminate         |
|        | HUBTS-96BULLET-T | 2439mm x 1219mm | thermolaminate         |



## Popular Finishes

See more on pg. 249

### HPL Options – T-Mold Edge



Lumber Maple



Aged Ash



Fonthill Pear



Glamour  
Cherry



Versailles  
Anigre



Mambo



Studio Teak



Espresso Pear



Smoke  
Quarstone



Black

### Thermolaminate Options



Native Maple



Fenelon



Hazelnut  
Maple



Sequoia



Auburn Stream



Napa



Café Noir



Sienna



Belambra



Nighttide

## Options



HUBTS-TOWERS-BKT  
5 ft. high tower only,  
black thermolaminate finish



HUBTS-TOWERS-WHT  
5 ft. high tower only,  
white thermolaminate finish



HUBTS-CM-TB  
camera mount,  
top or bottom position



HUBTS-CASTER  
caster kit,  
6 included casters



HUBTS-RCP-WHITE  
rear whiteboard cover,  
plexiglass, gloss white finish



shown with bay extender (see pg. 145)  
for rackmounting deep equipment



shown with deskwall for flexible monitor mounting  
457mm (457mm) console work surface provides  
top access to equipment and cabling



stand-alone work station shown



holds 3 convenient pre-set height settings

## furniture for mission critical installations



The **ViewPoint™ Series** is specifically designed for reliability, flexibility and ergonomics.

Ideal for:

- Security and monitoring
  - Command and control
  - Network operating center
  - Front of house controls
- Console bays are rugged, fully welded steel construction
  - Engineered for fast assembly & effective equipment cooling
  - Built-in cable management functions
  - Certified for mission critical installations
  - Built and shipped for installation that is 35% faster than the competition

### Certifications

- UL/ETL Listed
- Seismic Certified
- BIFMA International
- GREENGUARD



The **ViewPoint™ Sit/Stand** workstations are specifically designed for healthy work environments with height-adjustable functionality.

- Available in console bays or as a stand-alone work station
- Factory integrated lift systems, pre-installed in welded ViewPoint™ console bays makes installation easy
- 3 programmable pre-set heights to accommodate multiple users and/or ergonomic preferences
- Lift legs do not intrude in equipment mounting bays – full bay width openings available
- Quick shipment – 3 week standard lead time for most projects

### Certifications

- UL/ETL Listed
- RoHS
- GREENGUARD

### Power Solutions



100VAC





## To Order

## Middle Atlantic Designer™ Software

Free CAD compatible 3D layout & specification software creates elevations, plan views, and quotes in minutes. Visit [MiddleAtlantic.com](http://MiddleAtlantic.com) to download.



## Design Services Support

For technical questions or design assistance, please contact our Design Services support team at +1973-839-1011.

## Popular Finishes

See more on pg. 249



Native Maple



Fenelon

Hazelnut  
Maple

Sequoia



Auburn Stream



Napa



Café Noir



Sienna



Belambra



Nighttide

## ViewPoint Sit/Stand Product Information

| Part #*          | Description                                           |
|------------------|-------------------------------------------------------|
| VC-LS3619-DT37SA | 914mm w x 483mm d stand-alone ViewPoint™ lift system  |
| VC-LS4819-DT37SA | 1219mm w x 483mm d stand-alone ViewPoint™ lift system |
| VC-LS7219-DT37SA | 1829mm w x 483mm d stand-alone ViewPoint™ lift system |
| VC-LSWS1-DT37SA  | stand-alone ViewPoint™ lift system workstation        |

\*When ordering, suffix part # for desired finish

## Options

Please refer to the ViewPoint™ options section on pgs. 144-147 or visit our website for more info.

| Part #      | Description                                          |
|-------------|------------------------------------------------------|
| VC-LS-SP219 | pair of left and right sided panels mount on any bay |



VC-LS-SP219



## Monitor Mounts

Mount to the rear of the work surface and accommodate 1, 2, 3 or 4 monitors, VESA 75 and 100 compliant.

MMB-2X2C



| Part #   | Non-Sit/Stand Consoles Part # | Capacity Per Monitor | Weight Capacity | Configurations                    |
|----------|-------------------------------|----------------------|-----------------|-----------------------------------|
| MMB-1X1C | VC-MM1X1C                     | 9kg                  | 9kg             | 1x1, articulating                 |
| MMB-2X1C | VC-MM2X1C                     | 9kg                  | 18kg            | 2x1, horizontal                   |
| MMB-1X2C | VC-MM1X2C                     | 9kg                  | 18kg            | 1x2, vertical                     |
| MMB-2X2C | VC-MM2X2C                     | 9kg                  | 36kg            | 2x2, quad, two across, two levels |
| MMB-3X1C | VC-MM3X1C                     | 9kg                  | 27kg            | 3x1, triple horizontal            |



VC-MM32X41

## ViewPoint™ Large Monitor Mounts

Large format monitor mounts accommodate monitors 813mm to 1600mm screen sizes and attaches directly to console at rear.

| Part #     | Description                                                     |
|------------|-----------------------------------------------------------------|
| VC-MM32X41 | large monitor mount for 813mm to 1041mm monitors (screen size)  |
| VC-MM42X63 | large monitor mount for 1067mm to 1600mm monitors (screen size) |



VC-C3624-GDFS-DC

## Free Standing Storage Cabinet

The free standing storage cabinet matches appearance and style of the ViewPoint™ system to provide additional storage space.

| Part #                                   | Description                   |
|------------------------------------------|-------------------------------|
| VC-C3624-GDFS-xx                         | free standing storage cabinet |
| (replace 'xx' with desired finish color) |                               |

For additional ViewPoint™ options visit our website for more info.



### ViewPoint™ CPU Tray

The CPU tray slides out of the front or rear and mounts in any 610mm console section. Extends 330mm with a weight capacity of 34kg

| Part #    | Usable Dimensions |
|-----------|-------------------|
| VC-2419ST | 483mm w x 362mm d |



### Chairs

Ergonomically designed and fully adjustable.

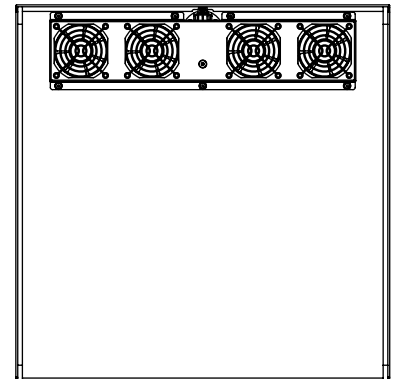
| Part #       | Description                                                        |
|--------------|--------------------------------------------------------------------|
| CHAIR-CF1-B  | contour freedom chair, gel seat/arms, black vellum                 |
| CHAIR-ADV1-B | advantage chair, wide frame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



### ViewPoint™ Rear Fan Door

Thermostatically switched and provides 100 CFM of air extraction while generating less than 27 dB.

| Part #    | Description   |
|-----------|---------------|
| VC-B24-FD | rear fan door |



### ViewPoint™ Storage Radial Binder

Keep essential reference materials close at hand with the radial binder storage cabinet, a new option in the ViewPoint™ system.

| Part #  | Description           |
|---------|-----------------------|
| VC-BC24 | radial storage binder |



VC-BC24

For additional ViewPoint™ options visit our website for more info.



VC-KBS

### ViewPoint™ Articulating Keyboard Shelf

Articulating keyboard shelf mounts underneath work surface/desktop.

| Part # | Description    |
|--------|----------------|
| VC-KBS | keyboard shelf |



VC-FC-2

### File Cabinet

Fits underneath peninsula. Swivel casters provide ease of movement.

| Part #  | Description  |
|---------|--------------|
| VC-FC-2 | file cabinet |



VC-B24-RR10

### ViewPoint™ Rackrail

10 space front-to-rear adjustable rackrail available for horizontal equipment mounting in the front/rear of any 610mm section of a 610mm, 914mm, 1219mm, or 1829mm bay.

| Part #      | Description                                |
|-------------|--------------------------------------------|
| VC-B24-RR10 | 10 space front-to-rear adjustable rackrail |



VC-TRK

### ViewPoint™ Top Rail Kit

The optional top rail kit enables vertical mounting of a UPS or similar equipment. Can be added to any full width bay and allows rackmounting of components near the workspace.

| Part # | Description                       |
|--------|-----------------------------------|
| VC-TRK | 6 rackspace optional top rail kit |

For additional ViewPoint™ options visit our website for more info.



### ViewPoint™ Bay Extender

Versatile 457mm and 610mm 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 838mm & 991mm rackmount useable depths).

| Part #*     | Door Type  | Usable Depth | Depth |
|-------------|------------|--------------|-------|
| VC-2418X-PD | plexiglass | 457mm        | 838mm |
| VC-2418X-VD | vented     | 457mm        | 838mm |
| VC-2424X-PD | plexiglass | 610mm        | 991mm |
| VC-2424X-VD | vented     | 610mm        | 991mm |

\* Please note: parts cannot be ordered individually, please call for details.



VC-2418X-VD

### ViewPoint™ Desktop Turrets

Turret racks can be mounted behind 457mm work surfaces to hold equipment where it can be easily manipulated.

| Part #*     | Height  | Mounts To                 |
|-------------|---------|---------------------------|
| VC-TR2419-4 | 4 space | 610mm, 1219mm, 1829mm bay |
| VC-TR3619-4 | 4 space | 914mm bay                 |
| VC-TR2419-9 | 9 space | 610mm, 1219mm, 1829mm bay |
| VC-TR3619-9 | 9 space | 914mm bay                 |

\* Please note: parts cannot be ordered individually, please call for details.



VC-TR3619-4

For additional ViewPoint™ options visit our website for more info.



ELUR-GS

## premium workstations



The **Edit Center™ Series** is favored by a long list of legendary musicians and artists.

- Design suits all editing environments including post production editing suites, corporate video production rooms, campus learning labs and broadcast production facilities
- Provides elegant, ergonomic workspace for video and digital content professionals
- Provides elegant, ergonomic workspace for video and digital content professionals
- Desks available in two widths, 2134mm and 1524mm
- Overbridges hold monitors for easy viewing
- Pivoting speaker platforms can be positioned for optimum listening
- Models with rackmounting areas at the work surface available
- Compatible side bays and other pieces complete your system

### Certifications

- RoHS
- GREENGUARD



## Product Information

| Desk Only Part # | Desk + Side Bay Racks Part # | Desk Width | Includes                                                                                    |
|------------------|------------------------------|------------|---------------------------------------------------------------------------------------------|
| ES*              | —                            | 1524mm     | overbridge                                                                                  |
| —                | ES+S12D*                     | 1524mm     | overbridge + single bay outboard rack (with door + cooling kit)                             |
| ESUR*            | —                            | 1524mm     | overbridge with (2) 4 space rackbays                                                        |
| —                | ESUR+S12D*                   | 1524mm     | overbridge with (2) 4 space rackbays + 1 single bay outboard rack (with door + cooling kit) |
| EL*              | —                            | 2134mm     | overbridge                                                                                  |
| —                | ELUR+S12D*                   | 2134mm     | overbridge with (2) 4 space rackbays + 1 single bay outboard rack (with door + cooling kit) |
| ELUR*            | —                            | 2134mm     | overbridge with (2) 4 space rackbays                                                        |
| —                | ELUR+D12D*                   | 2134mm     | overbridge with (2) 4 space rackbays + 1 dual bay outboard rack (with door + cooling kit)   |

\*When ordering, suffix part # for desired finish

## Popular Finishes

See more on pg. 249



Native Maple



Fenelon

Hazelnut  
Maple

Sequoia



Auburn Stream



Napa



Café Noir



Sienna



Belambra



Nighttide

## Options

Customize your solution with accessories from side bay racks and more. For monitor mount options, see pg. 144.

| Part #       | Description                                                                                | Weight Capacity |
|--------------|--------------------------------------------------------------------------------------------|-----------------|
| CHAIR-CF1-B  | chair, contour freedom, gel seat/arms, black vellum                                        | —               |
| CHAIR-ADV1-B | chair, advantage, wide frame black upholstered seat, mesh black                            | —               |
| CHAIR-TSK1-B | chair, task basic, slim profile, black upholstered seat, mesh black                        | —               |
| CLAW         | 406mm w x 89mm d with side trays cable hanger                                              | —               |
| CLAW14       | 356mm w x 89mm d cable hanger                                                              | —               |
| CM-L         | cable management kit for 2134mm desk system, includes 8 cable managers & 6096mm cable wrap | —               |
| CM-S         | cable management kit for 1524mm desk system, includes 4 cable managers & 6096mm cable wrap | —               |
| D12D-*       | 12 space dual bay outboard rack + doors/cooling system                                     | 227kg           |
| D12SD-*      | 12 space dual bay outboard rack w/square top+doors/cooling system                          | 227kg           |
| S12D-*       | 12 space single bay outboard rack + doors/cooling system                                   | 136kg           |
| S12SD-*      | 12 space single bay outboard rack w/square top+doors/cooling system                        | 136kg           |
| S24D-*       | 24 space sound reducing rack w/square top+doors/cooling system                             | 136kg           |
| S12-*        | single bay outboard rack (12 rackspace), less doors                                        | 136kg           |
| D12-*        | dual bay outboard rack (12 rackspace), less doors                                          | 227kg           |
| DT8*         | table top rack (8 rackspace)                                                               | 34kg            |

\*When ordering, suffix part # for desired finish



(2) LD-4830 units shown in hazelnut maple

## monitoring/command desks



The **LD Series** are modular solutions for small surveillance applications to large-scale network base command and control environments.

- Ergonomically designed with the user in mind
  - Economical modular monitoring and control workstation
  - Optimized for LCD monitors, with ergonomic user features
- 
- Modular desk ships ready-to-assemble
  - Add-A-Bay™ model attaches to right side of existing desk
  - Small footprint (813mm deep) ideal for compact rooms



### Certifications

- RoHS
- GREENGUARD



## Product Information

| Part #   | Overall Width |
|----------|---------------|
| LD-4830* | 1219mm        |
| LD-6430* | 1626mm        |

\*When ordering, suffix part # for desired finish

Also available in Designer

• Free design software at [middleatlantic.com](http://middleatlantic.com)

• Get Quotes • Create Elevations • Plan Views



## Popular Finishes

See more on pg. 249



Native Maple



Fenelon



Hazelnut  
Maple



Sequoia



Auburn Stream



Napa



Café Noir



Sienna



Belambra



Nighttide

## Options

Customize your solution with accessories from lighting, drawers, additional monitor supports and more. For monitor mount options, see pg. 144.

| 1219mm Desk Part # | 1626mm Desk Part # | Description                                                                                                                  |
|--------------------|--------------------|------------------------------------------------------------------------------------------------------------------------------|
| LD-4830*RA         | LD-6430*RA         | Add-A-Bay™ - allows for economical expansion of desks                                                                        |
| LD-L48             | LD-L64             | light bridge                                                                                                                 |
| LD-L4848RA         | LD-L6448RA         | Add-A-Bay™ light bridge                                                                                                      |
| LD-SP30*           |                    | standard side panels (pair)                                                                                                  |
| LD-PSP30*          |                    | full height side panels (pair)                                                                                               |
| D-CPU              |                    | articulating under-desk CPU mount                                                                                            |
| LD-QCPUT-*         |                    | isolation rack with gasketed doors, sound isolation materials, fan and work surface CPU mount                                |
| LD-LGM             |                    | adjustable light conveniently mounts in grommet of desk or wedge                                                             |
| LD-KB*             |                    | fully articulating keyboard shelf, includes wrist rest                                                                       |
| CHAIR-CF1-B        |                    | chair, contour freedom, gel seat/arms, black vellum                                                                          |
| CHAIR-ADV1-B       |                    | chair, advantage, wide frame black upholstered seat, mesh black                                                              |
| CHAIR-TSK1-B       |                    | chair, task basic, slim profile, black upholstered seat, mesh black                                                          |
| D-PT15             |                    | 381mm pencil tray mounts under desk for convenient storage                                                                   |
| D-PT22             |                    | 559mm pencil tray mounts under desk for convenient storage                                                                   |
| PD-815SC           |                    | power strip with surge protection mounts inside cable management cabinet                                                     |
| PD-815SC-NS        |                    | power strip without surge protection mounts inside cable management cabinet                                                  |
| LD-1230*           |                    | gangable side rack with smoked plexi front door and 12 rackspace of 11-gauge steel rackrail with tapped 10-32 mounting holes |
| LDWX*30            |                    | 45° and 90° connecting wedges available with cable management                                                                |
| LDWTX*30           |                    | 45° and 90° connecting wedges available without cable management                                                             |
| MMB-1X1C           |                    | monitor mount, 1x1, articulating                                                                                             |
| MMB-2X1C           |                    | monitor mount, 2x1, horizontal                                                                                               |
| MMB-1X2C           |                    | monitor mount, 1x2, vertical                                                                                                 |
| MMB-2X2C           |                    | monitor mount, 2x2, quad, two across, two levels                                                                             |
| MMB-3X1C           |                    | monitor mount, 3x1, triple horizontal                                                                                        |

\*When ordering, suffix part # for desired finish



MDV-CNR1  
shown with (2) MDV-R12 & (2) MDV-OB4



MDV-CNR3  
shown with (2) MDV-R12 & (2) MDV-OB4



MDV-DSK  
shown with (2) MDV-R12 & (2) MDV-OB4



MDV-DL  
shown with (1) S12S-DC & (1) MDV-R12

## economical workstations



The **MultiDesk Video™ Series** has a modular design for straight and corner applications that can be configured to meet specific needs as a corporate video editor, digital audio engineer or free-lance designer.

- Accessories include casters, shelving, racks and keyboard trays for a truly customized solution
- Economical studio furniture holds most popular mixers
- Modular design supports many possible configurations
- Graphite laminate top with sturdy steel tube legs

### Certifications

- RoHS
- GREENGUARD



## Product Information

| Part #   | Description                                                                                                                                   |
|----------|-----------------------------------------------------------------------------------------------------------------------------------------------|
| MDV-CNR1 | corner desk includes a one piece overbridge that is user-configurable in 3 ways                                                               |
| MDV-CNR3 | corner desk includes a three piece overbridge to accommodate mixers with tall meter bridges; overbridge center is user-configurable in 2 ways |
| MDV-DSK  | straight desk includes an overbridge that is user-configurable in 2 ways                                                                      |
| MDV-DL   | video desk allows MultiDesk video racks to slide underneath, saving space                                                                     |

## Options

Customize your solution with accessories from side bay racks and more. For monitor mount options, see pg. 144.

| Part #       | Description                                                                                    |
|--------------|------------------------------------------------------------------------------------------------|
| CHAIR-CF1-B  | chair, contour freedom, gel seat/arms, black vellum                                            |
| CHAIR-ADV1-B | chair, advantage, wide frame black upholstered seat, mesh black                                |
| CHAIR-TSK1-B | chair, task basic, slim profile, black upholstered seat, mesh black                            |
| MD-KB        | keyboard tray (does not work with MDV-CNR1 or MDV-CNR3)                                        |
| MDV-CK       | caster kit for MDV-R12 includes 4 wheels, 2 metal caster saddles, and mounting hardware        |
| MDV-OB4      | overbridge mounts on top of the MDV-R12 rack and provides additional 4 rackspaces              |
| MDV-R12      | side bay rack for additional rackmount capacity and desktop space                              |
| MDV-W        | connecting wedge to connect any MultiDesk Video Series components at a 35° angle               |
| S12SDG       | side bay rack to the MDV-DL, provides 12 rackspaces, includes front and rear rackrail, casters |
| MMB-1X1C     | monitor mount, 1x1, articulating                                                               |
| MMB-2X1C     | monitor mount, 2x1, horizontal                                                                 |
| MMB-1X2C     | monitor mount, 1x2, vertical                                                                   |
| MMB-2X2C     | monitor mount, 2x2, quad, two across, two levels                                               |
| MMB-3X1C     | monitor mount, 3x1, triple horizontal                                                          |



IVTC-4280S-BW

rugged &  
high capacity



The **VTC Series** Video Carts are the industry's most versatile mobile monitor cart system for videoconferencing and presentation applications.



- Heavy-duty design to support large screens: up to one 2032mm or two 1778mm
- 3-space equipment mounting area in base
- Configurable mounting area of 4 rackspace or a tower CPU
- Efficient mounting Lever Lock™ system compatible (see pg. 206)
- 249kg overall weight capacity; 113kg monitor weight capacity
- Includes low-profile 2 locking casters, adjustable camera mount
- Includes connectivity panel
- Available with 12 space rack

#### Certifications

- UL Listed in the US and Canada
- RoHS
- GREENGUARD



shown with (2)  
1778mm displays



rack version shown  
with additional 8 RU  
(12 RU total)



## Product Information

| Black Finish Part # | Champagne Finish Part # | Display Capacity       | Frame Capacity                          | Includes Rack |
|---------------------|-------------------------|------------------------|-----------------------------------------|---------------|
| IVTC-4280S-BW       | IVTC-4280S              | single 1067mm - 2032mm | 4 rackspaces + 254mm Lever Lock™ plate  | —             |
| IVTC-4255D-BW       | IVTC-4255D              | dual 1067mm - 1397mm   | 4 rackspaces + 254mm Lever Lock™ plate  | —             |
| IVTC-5670D-BW       | IVTC-5670D              | dual 1422mm - 1778mm   | 4 rackspaces + 254mm Lever Lock™ plate  | —             |
| IVTC-4280S-BW       | IVTC-4280S-R            | single 1067mm - 2032mm | 12 rackspaces + 254mm Lever Lock™ plate | X             |
| IVTC-4255D-RBW      | IVTC-4255D-R            | dual 1067mm - 1397mm   | 12 rackspaces + 254mm Lever Lock™ plate | X             |
| IVTC-5670D-RBW      | IVTC-5670D-R            | dual 1422mm - 1778mm   | 12 rackspaces + 254mm Lever Lock™ plate | X             |

## Finishes



black

black &  
champagne

## Options

| Black Finish Part # | Champagne Finish Part # | Description                                    | Part #         | Description                                                          |
|---------------------|-------------------------|------------------------------------------------|----------------|----------------------------------------------------------------------|
| VTC-DWR-5.5-BW      | VTC-DWR-5.5             | 140mm high X 191mm deep, drawer for VTC Series | LL-VTC-K       | VTC Lever Lock™ kit, (2) LL receptacles<br>(1) LL-HC21 (1) LL-VP2110 |
| VTC-SPK-SH11-BW     | VTC-SPK-SH5.5           | 140mm high, VTC speaker shelf only             | VTC-WS-32X12SL | 813mm wide, 305mm deep VTC work surface, slate                       |
| VTC-SPK-SH5.5-BW    | VTC-SPK-SH11            | 279mm high, VTC speaker shelf only             | VTC-R1214      | 12SP EIA, 356mm deep, VTC Add-On rack with glass door                |



FVS-800SC-WH

## sleek new design



The **FlexView™ Series** is a collection of display stands and carts that are easy-to-integrate, cost-effective solutions for corporate, hospitality and education environments.

- Engineered for durability, certified for strength and safety
- Rugged casters on cart models provide long-lasting use
- Lowest profile display mount in the industry
- Models with electric lift display height adjustment for optimal ergonomics, or manual display height positioning
- Efficient mounting Lever Lock™ system compatible (see pg. 206)
- 2 RU “knobs up” rackmount ears included



FVS-800ES-BK

### Certifications

- UL/ETL Listed
- RoHS
- GREENGUARD

### Power Solutions



100VAC





## Product Information

| Part #        | Base     | Lift or Static | Description                                                                                 | Finish |
|---------------|----------|----------------|---------------------------------------------------------------------------------------------|--------|
| FVS-800SC-BK  | casters  | static         | FlexView single display cart with 102mm casters, up to vesa 800 mounting pattern            | black  |
| FVS-800ESC-BK | casters  | electric lift  | FlexView electric lift display cart with 102mm casters, up to vesa 800 mounting pattern     | black  |
| FVS-800SC-WH  | casters  | static         | FlexView single display cart with 102mm casters, up to vesa 800 mounting pattern            | white  |
| FVS-800ESC-WH | casters  | electric lift  | FlexView electric lift display cart with 102mm casters, up to vesa 800 mounting pattern     | white  |
| FVS-800S-BK   | levelers | static         | FlexView single display stand, static with levelers, up to vesa 800 mounting pattern        | black  |
| FVS-800ES-BK  | levelers | electric lift  | FlexView electric lift display stand, static with levelers, up to vesa 800 mounting pattern | black  |
| FVS-800S-WH   | levelers | static         | FlexView single display stand, static with levelers, up to vesa 800 mounting pattern        | white  |
| FVS-800ES-WH  | levelers | electric lift  | FlexView electric lift display stand, static with levelers, up to vesa 800 mounting pattern | white  |

## Finishes



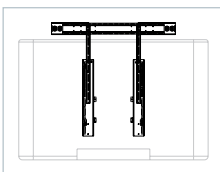
black



white

## Options

| Part #          | Description                                                                                 | Finish           |
|-----------------|---------------------------------------------------------------------------------------------|------------------|
| FVS-SBBU        | FlexView soundbar attachment bracket, mounts soundbar above or below monitor, universal fit | black            |
| FVS-CMTB-128-BK | FlexView camera mount, fits flexview cart/stand, top or bottom of screen mounting           | black powdercoat |
| FVS-CMTB-128-WH | FlexView camera mount, fits flexview cart/stand, top or bottom of screen mounting           | white powdercoat |



FVS-SBBU



FVS-CMTB-128-xx



## integrated power



The **DisplayStation Series** carts and stands are a collection of display solutions that are ideal for simple video teleconferencing, presentation and digital signage systems.

- Every model ships with integrated power strip into the support channel
- Designed for professionally-finished installations with a convenient cable management system
- UL Listed to the highest standard for safety in multi-use environments including public, educational and institutional spaces
- Portrait to landscape adjustability of screen orientation with display mounted (single post models only)
- Competitively-priced
- Available with casters, levelers or floor plate
- Mounts single displays up to 2540mm (VESA 1000 models)
- Includes hex bits for faster assembly
- Attractive aluminum finish



integrated power strip included with every model



application engineered cable management system for a professional finish

### Power Solutions



100VAC



**SOUND & VIDEO  
CONTRACTOR**  
**BEST of SHOW**  
InfoComm 2015

**2015**  
COMMERCIAL  
INTEGRATOR  
BEST  
WINNER



## Product Information

|        | Part #       | Description                                                                | Finish   |
|--------|--------------|----------------------------------------------------------------------------|----------|
| Carts  | DS-600SC-AL  | DisplayStation cart, 600 VESA, single display mount, with casters          | aluminum |
|        | DS-1000SC-AL | DisplayStation cart, 1000 VESA, 2 post single display,with casters         | aluminum |
| Stands | DS-600SL-AL  | DisplayStation stand, 600 VESA, single display mount,with levelers         | aluminum |
|        | DS-600SP-AL  | DisplayStation stand, 600 VESA, single display mount with steel base plate | aluminum |
|        | DS-1000SL-AL | DisplayStation stand, 1000 VESA, 2 post single display,with levelers       | aluminum |



- The DisplayStation Series also includes monitor walls, see pg. 160

## Options

| Part #       | Description                                                       | Finish            |
|--------------|-------------------------------------------------------------------|-------------------|
| DS-CS108-B   | DisplayStation camera shelf, 245mm wide x 203mm deep              | black powder coat |
| DS-UTS10-B   | DisplayStation utility shelf, 245mm wide x 245mm deep usable area | black powder coat |
| DS-LSH1416-B | DisplayStation locking shelf 406mm wide x 356mm deep              | black powder coat |



DS-CS108-B



DS-UTS10-B



DS-LSH1416-B



## integrated power



The **DisplayStation Series** carts and stands are a collection of display solutions that are ideal for simple surveillance and monitoring systems.

- Every model ships with integrated power strip that attaches to the support channel
- Designed for professionally-finished installations with a convenient cable management system and display micro-adjustment mechanism
- UL Listed to the highest standard for safety in multi-use environments, including public, educational and institutional spaces

- Competitively-priced
- Available with casters or levelers for mobile or fixed use
- Mounts displays up to 1397mm in 2x2 configuration
- Includes hex bits for faster assembly
- Attractive aluminum finish



integrated power strip included with every model



application engineered cable management system for a professional finish

### Power Solutions



100VAC





## Product Information

|       | Part #         | Description                                                      | Finish   |
|-------|----------------|------------------------------------------------------------------|----------|
| Walls | DS-600-2X2L-AL | DisplayStation stand, 600 VESA, 2x2, display wall, with levelers | aluminum |
|       | DS-600-2X2C-AL | DisplayStation cart, 600 VESA, 2x2, display wall, with casters   | aluminum |



- The DisplayStation Series also includes carts and stands, see pg. 158

## Options

| Part #       | Description                                                       | Finish            |
|--------------|-------------------------------------------------------------------|-------------------|
| DS-CS108-B   | DisplayStation camera shelf, 245mm wide x 203mm deep              | black powder coat |
| DS-UTS10-B   | DisplayStation utility shelf, 245mm wide x 245mm deep usable area | black powder coat |
| DS-LSH1416-B | DisplayStation locking shelf 406mm wide x 356mm deep              | black powder coat |



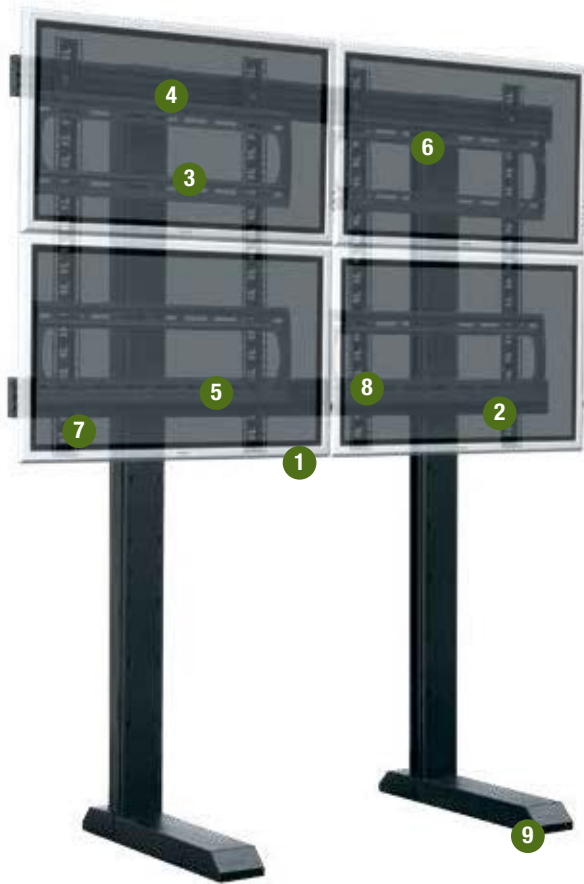
DS-CS108-B



DS-UTS10-B



DS-LSH1416-B



## unparalleled monitor support



The **VisionFrame™ Series** monitor wall is a robust video monitor support system application engineered for unparalleled monitor support.

- Create the combination of monitor and sizes you need
- Unbeatable installation experience
- Minimal assembly required
- 3 week lead time\*
- Vertical and horizontal cable management
- Versatility to mount 254mm - 2032mm screens

\*Shipping time varies; contact us to confirm current time estimate

### Certifications

- ETL Listed in the US and Canada
- RoHS
- GREENGUARD



1 vertical panel mount option



2 vertical multi-mount panel option



3 generous hidden vertical cable management



4 horizontal cable management



5 power strips clip easily to rear beam



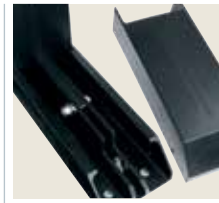
6 unique cleat system eliminates measurement and guess work



7 factory pre-assembled mount structure saves field time



8 quick turn custom Screen-Lock™ fasteners for fast assembly



9 heavy duty support can freestand or bolt to floor, and includes levelers



deskmount wall version attaches directly to ViewPoint™ consoles



## To Order

## Middle Atlantic Designer™ Software

Free CAD compatible 3D layout & specification software creates elevations, plan views, and quotes in minutes. Visit [MiddleAtlantic.com](http://MiddleAtlantic.com) to download.



## Design Services Support

For technical questions or design assistance, please contact our Design Services support team at +1973-839-1011.



## Surge Protection Device

- Compact surge products are ideal for installation behind flat panel displays, see pg. 174

## Options

| Part #   | Description                        |
|----------|------------------------------------|
| VF-MPV   | accessory panel mount              |
| VF-VPM-3 | three rackspace rear hanging mount |



# power products

Systems require reliable, accessible, safe power distribution.

Our power solutions are engineered and designed to U.S. standards to specifically meet the needs of a broad range of applications including commercial, residential, security and more.



For international customization, certification, or availability please contact [export@middleatlantic.com](mailto:export@middleatlantic.com).

|                                      |           |
|--------------------------------------|-----------|
| Uninterruptible Power Supplies (UPS) | 166 - 167 |
| Horizontal Power Distribution        | 168 - 175 |
| Vertical Power Distribution          | 176 - 179 |
| Custom Power                         | 180 - 182 |
| Isolation Transformers               | 183 - 184 |
| Power Accessories                    | 185 - 187 |



UPS-2200R

## Premium Series UPS Backup Power System

Premium Series UPS Backup Systems are the ideal solution for protecting high end and sensitive electronics. Featuring pure sine wave technology and IP capability.

- Pure sine wave technology provides the best power for sensitive devices
- Non-critical load shedding and high capacity batteries extend run time for critical loads
- 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
- Hot swappable battery for easy service
- Both auto and scheduled shutdown/start-up/reboot to protect servers/workstations from data loss due to power failure
- 3 year warranty
- 2 rackspace

All Premium Series UPS models offer IP capability either built-in or optionally via UPS-IPCARD. Benefits of IP Capability:

- Real time UPS monitoring, remote management & configuration via web browser or NMS (Network Management System)
- Supports TCP/IP, HTTP/SNMP\*, NTP, DNS and SMTP protocols
- User upgradeable firmware via FTP and security management features included

\*SNMP version 1.0

## Power Solutions

Our power solutions are engineered and designed to U.S. standards\*



120VAC

|        | Part #        | Description                  | Outlet Controlled          | Dimensions                 | Termination                                         | IP Card Installed |
|--------|---------------|------------------------------|----------------------------|----------------------------|-----------------------------------------------------|-------------------|
| 15 Amp | UPS-1000R     | 1000VA / 750W                | Critical/Non-critical Bank | 483mm W x 89mm H x 483mm D | 2743mm cord w/NEMA 5-15P Plug                       | No                |
|        | UPS-1000R-IP  | 1000VA / 750W                | Critical/Non-critical Bank | 483mm W x 89mm H x 483mm D | 2743mm cord w/NEMA 5-15P Plug                       | Yes               |
|        | UPS-1000R-8   | 1000VA / 750W                | Individual Outlet          | 483mm W x 89mm H x 483mm D | 2743mm cord w/NEMA 5-15P Plug                       | No                |
|        | UPS-1000R-8IP | 1000VA / 750W                | Individual Outlet          | 483mm W x 89mm H x 483mm D | 2743mm cord w/NEMA 5-15P Plug                       | Yes               |
| 20 Amp | UPS-2200R     | 2150VA / 1650W               | Critical/Non-critical Bank | 483mm W x 89mm H x 483mm D | 2743mm cord w/NEMA 5-20P Plug                       | No                |
|        | UPS-2200R-IP  | 2150VA / 1650W               | Critical/Non-critical Bank | 483mm W x 89mm H x 483mm D | 2743mm cord w/NEMA 5-20P Plug                       | Yes               |
|        | UPS-2200R-8   | 2150VA / 1650W               | Individual Outlet          | 483mm W x 89mm H x 483mm D | 2743mm cord w/NEMA 5-20P Plug                       | No                |
|        | UPS-2200R-8IP | 2150VA / 1650W               | Individual Outlet          | 483mm W x 89mm H x 483mm D | 2743mm cord w/NEMA 5-20P Plug                       | Yes               |
|        | UPS-2200R-HH  | 2150VA / 1650W               | Critical/Non-critical Bank | 483mm W x 89mm H x 483mm D | hardwired 914mm flex cable input & hardwired output | No                |
|        | UPS-EBPR      | UPS Expansion Battery Pack   | —                          | —                          | —                                                   | —                 |
|        | UPS-IPCARD    | UPS Network Interface Card   | —                          | —                          | —                                                   | —                 |
|        | UPS-RBP       | UPS Replacement Battery Pack | —                          | —                          | —                                                   | —                 |



## Select Series UPS Backup Power System

Select Series UPS Backup Systems are a competitively priced option for ensuring uptime of electronic components in the event of a power outage. Select Series UPS models are available in compact form factors when space is at a premium, in capacities to support a wide range of installations. All models are available with web-enabled IP control.

- Value priced
- 1RU models available for one-person installation and space savings
- Remote monitoring and control of power with optional IP card
- Designed for AV and Security applications
- Simulated sine wave output waveform (on battery)
- 8 ms transfer time



UPS-S500R

All Select Series UPS models offer IP capability optionally via UPS-IPCARD. Benefits of IP Capability:

- Real time UPS monitoring, remote management & configuration via web browser or NMS (Network Management System)
- Supports TCP/IP, HTTP/SNMP\*, NTP, DNS and SMTP protocols
- User upgradeable firmware via FTP and security management features included

\*SNMP version 1.0

## Power Solutions

Our power solutions are engineered and designed to U.S. standards\*



120VAC



|        | Part #        | Description                     | Outlet Controlled | Dimensions                 | Termination                   | Rackspaces |
|--------|---------------|---------------------------------|-------------------|----------------------------|-------------------------------|------------|
| 15 Amp | UPS-S500R     | 500VA, 120V 60HZ                | bank control      | 432mm W x 44mm H x 222mm D | 3048mm cord w/NEMA 5-15P Plug | 1 space    |
|        | UPS-S1000R    | 1000VA, 120V 60HZ               | bank control      | 432mm W x 44mm H x 381mm D | 3048mm cord w/NEMA 5-15P Plug | 1 space    |
|        | UPS-S1500R    | 1500VA, 120V 60HZ               | bank control      | 432mm W x 89mm H x 381mm D | 3048mm cord w/NEMA 5-15P Plug | 2 space    |
| 20 Amp | UPS-S2200R    | 2200VA, 120V 60HZ               | bank control      | 432mm W x 89mm H x 381mm D | 3048mm cord w/NEMA 5-20P Plug | 2 space    |
|        | UPS-SRBP-500  | replacement battery pack 500VA  | —                 | —                          | —                             | —          |
|        | UPS-SRBP-1000 | replacement battery pack 1000VA | —                 | —                          | —                             | —          |
|        | UPS-SRBP-1500 | replacement battery pack 1500VA | —                 | —                          | —                             | —          |
|        | UPS-SRBP-2200 | replacement battery pack 2200VA | —                 | —                          | —                             | —          |
|        | UPS-IPCARD    | UPS Network Interface Card      | —                 | —                          | —                             | —          |



compact In-Line models great for one or two outlets



Now with patented Series Protection™!



RLNK-SW715R-NS

## RackLink™ Networked Power Management System

The RackLink™ Power Management System provides integrators with system monitoring and control and is accessible locally, over the web, and through available apps for iOS and Android™ mobile devices. It is designed to help ensure system reliability and uptime through the use of intuitive setup and operation, pre-emptive problem notification and automatic problem resolution.

- Individual outlet control for up to 8 outlets
- Monitor power and temperature
- Autoping network device diagnostic/utility
- Event logging and notification
- User defined thresholds
- IP and RS-232 connectivity
- Emergency power off with automatic recovery option
- Models available with series surge protection (non-sacrificial, non-degrading)

## Power Solutions

Our power solutions are engineered and designed to U.S. standards\*



110VAC



| 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                   |



## Dry Contact Controlled Power, Ideal for Simple Reboot

A simple way to control system or component power. Ideal for rebooting components or providing easy user access to power-down capability.

- Either 2 or 6 contact-closure controlled outlet banks 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
- No computer required; use existing control system or remote power switches



## Power Solutions

Our power solutions are engineered and designed to U.S. standards\*



| 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                       | 6                                  | Yes, 2-stage w/ remote notification | 2743mm      | 229mm         | Yes                |
| PDC-915R-6 | 1             | 15 Amp   | 1             | 6                       | 2                                  | Yes, 2-stage w/ remote notification | 2743mm      | 229mm         | Yes                |

## 6-Step Sequencing

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 with notification
- Adjustable sequencing delays up to 6 second
- Daisy chain up to three units together

| 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               | 2743mm      | 229mm         | Yes                |
| PDS-2X315R | 2             | 15 Amp   | 6                      | 6 (1 per channel)      | 1                          | No               | 2743mm      | 229mm         | Yes                |
| PDS-620R   | 1             | 20 Amp   | 6                      | 6 (1 per channel)      | 1 (20 Amp)                 | No               | 2743mm      | 229mm         | Yes                |

## Power Solutions

Our power solutions are engineered and designed to U.S. standards\*





PD-915R-SP



PD-420R-SP



PD-HW15-SP

## Series Protection™ Power Distribution

Middle Atlantic's Series Protection™ Power Distribution products feature the industry's fastest-responding surge protection technology.

This patented non-degrading protection won't contaminate the system ground, automatically disconnects devices to protect from sustained over and under voltage events and provides automatic recovery after these events to minimize system downtime.

- Engineered with non-sacrificial and non-degrading protection that absorbs surges without contaminating ground
- 100% MOV-free design – offering superior protection
- Automatic recovery – does not require hard reset after an over or under voltage event
- Single circuit, 15A and 20A models available
- Hardwired model available

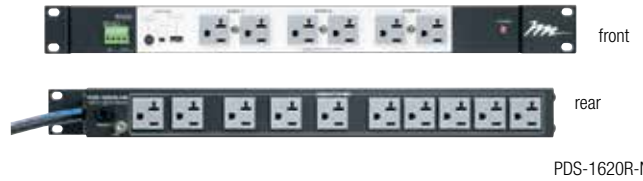
| Part #     | Circuits | Rated Load | Spec Grade Output Type             | Illuminated Combo Breaker ON/OFF | Outlets |      |       | Protection        |                                  |                                                                 |
|------------|----------|------------|------------------------------------|----------------------------------|---------|------|-------|-------------------|----------------------------------|-----------------------------------------------------------------|
|            |          |            |                                    |                                  | Total   | Rear | Front | Surge             | Overload                         | Over/Under Voltage Notification LED                             |
| PD-915R-SP | 1        | 15A        | Duplex on rear, single on front    | Rear (with bar)                  | 9       | 8    | 1     | Series Protection | supplementary overload protector | Two LEDs.<br>• Over voltage<br>• Under voltage<br>• Default=Off |
| PD-920R-SP | 1        | 20A        | Duplex on rear, single on front    | Rear (with bar)                  | 9       | 8    | 1     |                   |                                  |                                                                 |
| PD-415R-SP | 1        | 15A        | Duplex – rear only                 | Side (with bar)                  | 4       | 4    | 0     |                   |                                  |                                                                 |
| PD-420R-SP | 1        | 20A        | Duplex – rear only                 | Side (with bar)                  | 4       | 4    | 0     |                   |                                  |                                                                 |
| PD-HW15-SP | 1        | 15A        | Internal J-Box w/ cover & knockout | N/A                              | N/A     | N/A  | N/A   |                   | None                             |                                                                 |



## Multi-Mount™ Rackmount Power

Offering the flexibility to place outlets where they are needed, the Multi-Mount™ series incorporates versatile mounting options into its compact design. Features mixed outlet orientation that enables various plug types to be accommodated.

- 15, 20 Amp models available
- Can also be mounted vertically
- Models available with two-stage surge protection and remote notification
- 3-step sequencing models feature 6 sequenced outlets (2 per channel) and 10 non-sequenced outlets



Sequenced

|        | Part #         | # of Circuits | Channels of Sequencing | Front Outlets               | Rear Outlets | Surge Protection                   | Cord Length | Front Power Switch                                         |
|--------|----------------|---------------|------------------------|-----------------------------|--------------|------------------------------------|-------------|------------------------------------------------------------|
| 15 Amp | PDS-1615R      | 1             | 3                      | 6 sequenced (2 per channel) | 10           | Yes, 2-stage w/remote notification | 2743mm      | —                                                          |
|        | PD-1815R-RN    | 1             | —                      | 9                           | 9            | Yes, 2-stage w/remote notification | 2743mm      | —                                                          |
|        | PD-2015R-NS    | 1             | —                      | 10                          | 10           | No                                 | 2743mm      | —                                                          |
|        | PD-2015R-HH-NS | 1             | —                      | 10                          | 10           | No                                 | 2743mm      | illuminated switch/combo breaker for front 10 outlets only |
| 20 Amp | PDS-1620R-NS   | 1             | 3                      | 6 sequenced (2 per channel) | 10           | No                                 | 2743mm      | —                                                          |
|        | PD-1820R-RN    | 1             | —                      | 9                           | 9            | Yes, 2-stage w/remote notification | 2743mm      | —                                                          |
|        | PD-2020R-NS    | 1             | —                      | 10                          | 10           | No                                 | 2743mm      | —                                                          |



PD-815RA-PL



PD-915R



PD-920RC-20



PD-920R-NS

## PD Series Rackmount Power

Middle Atlantic Products' suite of robust and flexible power products allow you to choose the power distribution product that is the perfect fit for each application.

- Line to neutral surge protection
- 15 and 20 Amp models
- 229mm chassis depth

## Power Solutions

Our power solutions are engineered and designed to U.S. standards\*



110VAC

|        | Part #      | # of Circuits | Front Outlets | Rear Outlets | Surge Protection                    | Finish             | Cord Length | LED Light Options | Front Power Switch | Outlet Orientation |
|--------|-------------|---------------|---------------|--------------|-------------------------------------|--------------------|-------------|-------------------|--------------------|--------------------|
| 15 Amp | PD-915R-PL  | 1             | 1 (15 Amp)    | 8            | Yes                                 | powder coat        | 2743mm      | –                 | No                 | horizontal         |
|        | PD-815R-PL  | 1             | –             | 8            | Yes                                 | powder coat        | 2743mm      | –                 | No                 | horizontal         |
|        | PD-815RA-PL | 1             | –             | 8            | Yes                                 | brushed & anodized | 2743mm      | –                 | No                 | horizontal         |
|        | PD-915RV-RN | 1             | 1 (15 Amp)    | 8            | Yes, 2-stage w/ remote notification | powder coat        | 2743mm      | front & rear      | Yes                | vertical           |
|        | PD-915R     | 1             | 1 (15 Amp)    | 8            | Yes                                 | powder coat        | 2743mm      | –                 | Yes                | horizontal         |
|        | PD-915RC-20 | 1             | 1 (15 Amp)    | 8            | Yes                                 | powder coat        | 6096mm      | –                 | Yes                | horizontal         |
| 20 Amp | PD-920R     | 1             | 1 (15 Amp)    | 8            | Yes                                 | powder coat        | 2743mm      | –                 | Yes                | horizontal         |
|        | PD-920RC-20 | 1             | 1 (15 Amp)    | 8            | Yes                                 | powder coat        | 6096mm      | –                 | Yes                | horizontal         |
|        | PD-920R-NS  | 1             | 1 (15 Amp)    | 8            | No                                  | powder coat        | 2743mm      | –                 | Yes                | horizontal         |



### PDLT Series Rackmount Power and Lighting

These power distribution units feature a push and pop out LED light for evenly distributed illumination of the rackmounted components below.

- Adjustable brightness
- Finish options to match Middle Atlantic accessories

front



PDLT-815RVA

### Power Solutions

Our power solutions are engineered and designed to U.S. standards\*



110VAC



| 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 | 2743mm      | 343mm         | black powder coat          |
| PDLT-815RVA   | 1             | 15 Amp   | 8            | Yes                                   | 2743mm      | 343mm         | black brushed and anodized |

### PowerCool™ Series Power & Cooling Solution in One

These power distribution units provides integrated rackmount power distribution and cooling solution in convenient one rackspace package.

- Blower exhausts 50 CFM while providing high static pressure to maintain airflow
- Thermal sensing with proportional blower speed
- Multi-stage surge protection with surge status notification
- Ultra quiet operation (max sound level 29 dB) with a unique space saving design
- Multiple models for residential and commercial applications
- Key-lock switch model for additional security



front



rear

PDCOOL-1115R

### Power Solutions

Our power solutions are engineered and designed to U.S. standards\*



110VAC



| Part #        | Racking Height     | Description                          | Rated Amperage | Total #of Outlets | Free Air Rating |
|---------------|--------------------|--------------------------------------|----------------|-------------------|-----------------|
| PDCOOL-1015RA | 44mm (1 rackspace) | black brushed and anodized           | 15A            | 10                | 50 CFM          |
| PDCOOL-1115R  | 44mm (1 rackspace) | front convenience outlet, flat black | 15A            | 11                | 50 CFM          |
| PDCOOL-1120R  | 44mm (1 rackspace) | front convenience outlet, flat black | 20A            | 11                | 50 CFM          |
| PDCOOL-1020RK | 44mm (1 rackspace) | front key switch, flat black         | 20A            | 10                | 50 CFM          |



Compact Surge Devices

Designed to provide protection where space is at a premium, Compact Surge Protection units are ideal for installation behind flat panel displays.



Series Protection™ Compact Surge Device

Series Protection™ Compact Surge products offer the same industry leading fast response technology in the most compact stand alone device in the industry.

- Engineered with non-sacrificial and non-degrading protection that absorbs surges without contaminating ground
- Safeguards against both over and under voltage events
- Features automatic recovery – does not require hard reset after a surge event



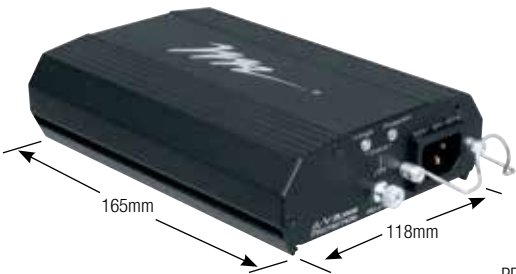
| Part #   | Circuits | Rated Load | Input Type                  | Output Type | ComboBreaker ON/OFF | Protection        |                                  |                                     |              |
|----------|----------|------------|-----------------------------|-------------|---------------------|-------------------|----------------------------------|-------------------------------------|--------------|
|          |          |            |                             |             |                     | Surge             | Overload                         | Over/Under Voltage Notification LED | Power On LED |
| PD-28-SP | 1        | 8A         | detachable cord (IEC inlet) | NEMA 5-15R  | Yes                 | Series Protection | supplementary overload protector | Yes                                 | Yes          |



2-Stage Compact Surge Device

MOV protected Compact Surge products offer the industry's most compact Line-to-Neutral stand alone surge protection device.

- Two stage technology for enhanced surge protection
- Safeguards against both over and under voltage events
- Deflects surge events to neutral without contaminating ground



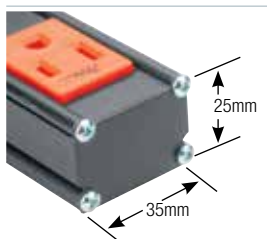
PD-215

| Part # | Circuits | Rated Load | Input Type                     | Output Type | ComboBreaker<br>ON/OFF | Protection |                                     |                                        |              |
|--------|----------|------------|--------------------------------|-------------|------------------------|------------|-------------------------------------|----------------------------------------|--------------|
|        |          |            |                                |             |                        | Surge      | Overload                            | Over/Under Voltage<br>Notification LED | Power On LED |
| PD-215 | 1        | 12A        | detachable<br>cord (IEC inlet) | NEMA 5-15R  | Yes                    | MOV        | supplementary<br>overload protector | Yes                                    | Yes          |

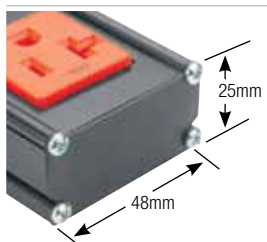


## PDT Strips for Every Rack System

PDT Series Low Profile 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.



PDT 15 Amp dimensions



PDT 20 Amp dimensions

- Unique design allows field configurability for 1-2 circuits or isolated ground (hardwired models only)
- Slim profile from 6-20 outlets uses a minimum of space
- Easy clip mounting for faster install
- Outlets are spaced to provide enough room for plug-in power supplies

- Hardwired top feed models with J-Box on the top of the power strip, available to meet code requirements in select areas
- 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

## Power Solutions

Our power solutions are engineered and designed to U.S. standards\*



100VAC



### corded



PDT-615C



PDT-1415C-NS

### hardwired



PDT-2X615S



PDT-2X820



## Product Information

|        |        | Part #          | Chassis Length | Chassis Width | # of Outlets | Cord Length w/ Termination      | Outlet Type | Protection                                             | Local Meter |
|--------|--------|-----------------|----------------|---------------|--------------|---------------------------------|-------------|--------------------------------------------------------|-------------|
| Corded | 15 Amp | PDT-615C        | 762mm          | 35mm          | 6            | 2743mm cord w/ NEMA 5-15P plug  | 5-15R       | single stage surge, EMI, circuit breaker               | No          |
|        |        | PDT-615C-NS     | 762mm          | 35mm          | 6            | 2743mm cord w/ NEMA 5-15P plug  | 5-15R       | circuit breaker only                                   | No          |
|        |        | PDT-1015C-RN    | 959mm          | 35mm          | 10           | 2743mm cord w/ NEMA 5-15P plug  | 5-15R       | 2-stage surge w/ remote notification & circuit breaker | No          |
|        |        | PDT-1015C-NS    | 959mm          | 35mm          | 10           | 2743mm cord w/ NEMA 5-15P plug  | 5-15R       | circuit breaker only                                   | No          |
|        |        | PDT-1015C-NS20  | 959mm          | 35mm          | 10           | 6096mm cord w/ NEMA 5-15P plug  | 5-15R       | circuit breaker only                                   | No          |
|        |        | PDT-1015C-M-NS  | 959mm          | 35mm          | 10           | 2743mm cord w/ NEMA 5-15P plug  | 5-15R       | circuit breaker only                                   | Yes         |
|        |        | PDT-1415C       | 1524mm         | 35mm          | 14           | 2743mm cord w/ NEMA 5-15P plug  | 5-15R       | single stage surge, EMI, circuit breaker               | No          |
|        |        | PDT-1415C-NS    | 1524mm         | 35mm          | 14           | 2743mm cord w/ NEMA 5-15P plug  | 5-15R       | circuit breaker only                                   | No          |
|        |        | PDT-1615C-NS    | 851mm          | 35mm          | 16           | 2743mm cord w/ NEMA 5-15P plug  | 5-15R       | circuit breaker only                                   | No          |
|        |        | PDT-2015C-RN    | 1848mm         | 35mm          | 20           | 2743mm cord w/ NEMA 5-15P plug  | 5-15R       | 2-stage surge w/remote notification & circuit breaker  | No          |
|        |        | PDT-2015C-NS    | 1848mm         | 35mm          | 20           | 2743mm cord w/ NEMA 5-15P plug  | 5-15R       | circuit breaker only                                   | No          |
|        |        | PDT-2015C-M-NS  | 1848mm         | 35mm          | 20           | 2743mm cord w/ NEMA 5-15P plug  | 5-15R       | circuit breaker only                                   | Yes         |
|        | 20 Amp | PDT-620C-NS     | 762mm          | 48mm          | 6            | 2743mm cord w/ NEMA 5-20P plug  | 5-20R       | circuit breaker only                                   | No          |
|        |        | PDT-1020C-NS    | 959mm          | 48mm          | 10           | 2743mm cord w/ NEMA 5-20P plug  | 5-20R       | circuit breaker only                                   | No          |
|        |        | PDT-1220C-NS    | 1524mm         | 48mm          | 12           | 2743mm cord w/ NEMA 5-20P plug  | 5-20R       | circuit breaker only                                   | No          |
|        |        | PDT-1620C-NS    | 851mm          | 48mm          | 16           | 2743mm cord w/ NEMA 5-20P plug  | 5-20R       | circuit breaker only                                   | No          |
|        |        | PDT-2020C-NS    | 1848mm         | 48mm          | 20           | 2743mm cord w/ NEMA 5-20P plug  | 5-20R       | circuit breaker only                                   | No          |
|        |        | PDT-2020C-RN    | 1848mm         | 48mm          | 20           | 2743mm cord w/ NEMA 5-20P plug  | 5-20R       | 2-stage surge w/remote notification & circuit breaker  | No          |
|        |        | PDT-2020C-M-NS  | 1848mm         | 48mm          | 20           | 2743mm cord w/ NEMA 5-20P plug  | 5-20R       | circuit breaker only                                   | Yes         |
|        |        | PDT-2020TL-NS   | 1848mm         | 48mm          | 20           | 2743mm cord w/ NEMA L5-20P plug | 5-20R       | circuit breaker only                                   | No          |
|        |        | PDT-2020TL-M-NS | 1848mm         | 48mm          | 20           | 2743mm cord w/ NEMA L5-20P plug | 5-20R       | circuit breaker only                                   | Yes         |

|           |        | Part #       | # of Circuits | # of Outlets | Chassis Length | Chassis Width | Termination | J-Box Size L x W x H | Outlet Type | Wire Gauge | Isolated (Technical) Ground |
|-----------|--------|--------------|---------------|--------------|----------------|---------------|-------------|----------------------|-------------|------------|-----------------------------|
| Hardwired | 15 Amp | PDT-2X615S   | 2             | 12           | 762mm          | 35mm          | J-Box       | 102mm x 66mm x 53mm  | 5-15R       | 12         | Field Configurable          |
|           |        | PDT-2X815    | 2             | 16           | 1524mm         | 35mm          | J-Box       | 102mm x 66mm x 53mm  | 5-15R       | 12         | Field Configurable          |
|           |        | PDT-2X1015   | 2             | 20           | 1848mm         | 35mm          | J-Box       | 102mm x 66mm x 53mm  | 5-15R       | 12         | Field Configurable          |
|           |        | PDT-2X1015S  | 2             | 20           | 1848mm         | 35mm          | small J-Box | 89mm x 40mm x 53mm   | 5-15R       | 12         | Field Configurable          |
|           |        | PDT-2X1015T  | 2             | 20           | 1848mm         | 35mm          | J-Box       | 102mm x 66mm x 53mm  | 5-15R       | 12         | Field Configurable          |
|           |        | PDT-2X1015TS | 2             | 20           | 1848mm         | 35mm          | small J-Box | 89mm x 40mm x 53mm   | 5-15R       | 12         | Field Configurable          |
|           | 20 Amp | PDT-2X320    | 2             | 6            | 762mm          | 48mm          | J-Box       | 102mm x 89mm x 53mm  | 5-20R       | 12         | Field Configurable          |
|           |        | PDT-2X520    | 2             | 10           | 1118mm         | 48mm          | J-Box       | 102mm x 89mm x 53mm  | 5-20R       | 12         | Field Configurable          |
|           |        | PDT-2X820    | 2             | 16           | 1524mm         | 48mm          | J-Box       | 102mm x 89mm x 53mm  | 5-20R       | 12         | Field Configurable          |
|           |        | PDT-2X1020   | 2             | 20           | 1848mm         | 48mm          | J-Box       | 102mm x 89mm x 53mm  | 5-20R       | 12         | Field Configurable          |
|           |        | PDT-2X1020S  | 2             | 20           | 1848mm         | 48mm          | small J-Box | 89mm x 53mm x 53mm   | 5-20R       | 12         | Field Configurable          |
|           |        | PDT-2X1020T  | 2             | 20           | 1848mm         | 48mm          | J-Box       | 102mm x 89mm x 53mm  | 5-20R       | 12         | Field Configurable          |
|           |        | PDT-2X1020TS | 2             | 20           | 1848mm         | 48mm          | small J-Box | 89mm x 53mm x 53mm   | 5-20R       | 12         | Field Configurable          |



PD Slim dimensions

## PD Slim Series High Density Strips

A slim profile option for simpler power requirements.

- Single circuit
- 15 and 20 Amp models available
- Supplied with U.S. style receptacle

### Power Solutions

Our power solutions are engineered and designed to U.S. standards\*



110VAC



PD-715SC-NS



PD-2420SC-NS

|        | Part #          | Chassis Width | # of Outlets | Chassis Length | Cord Length w/ Termination     | Protection              |
|--------|-----------------|---------------|--------------|----------------|--------------------------------|-------------------------|
| 15 Amp | PD-715SC-NS     | 41mm          | 7            | 330mm          | 3048mm cord w/ NEMA 5-15P plug | circuit breaker only    |
|        | PD-815SC        | 41mm          | 8            | 457mm          | 3048mm cord w/ NEMA 5-15P plug | surge & circuit breaker |
|        | PD-815SC-20     | 41mm          | 8            | 457mm          | 6096mm cord w/ NEMA 5-15P plug | surge & circuit breaker |
|        | PD-815SC-NS     | 41mm          | 8            | 457mm          | 3048mm cord w/ NEMA 5-15P plug | circuit breaker only    |
|        | PD-815SC-PBSH** | 41mm          | 8            | 457mm          | 3048mm cord w/ NEMA 5-15P plug | surge & circuit breaker |
|        | PD-2415SC       | 41mm          | 24           | 1524mm         | 3048mm cord w/ NEMA 5-15P plug | surge & circuit breaker |
|        | PD-2415SC-NS    | 41mm          | 24           | 1524mm         | 3048mm cord w/ NEMA 5-20P plug | circuit breaker only    |
| 20 Amp | PD-2420SC-NS    | 41mm          | 24*          | 1524mm         | 3048mm cord w/ NEMA 5-20P plug | circuit breaker only    |

\*\*Also fits on rear edge of RSH, RC, and CAP rackshelves

## PD High Amp Power Distribution Strip

2 independent 15 Amp circuits fed by one 30 Amp branch circuit.

- 6 duplexes per circuit, for a total of 24 outlets
- Dual circuit breakers with lock-out pin to prevent tampering
- Outlets are color coded to indicate circuits
- Supplied with U.S. style receptacle

### Power Solutions

Our power solutions are engineered and designed to U.S. standards\*



110VAC



PD-2X1215TL-30CB

|        | Part #           | Chassis Width | # of Circuits | # of Outlets | Chassis Length | Cord Length w/ Termination      | Protection           |
|--------|------------------|---------------|---------------|--------------|----------------|---------------------------------|----------------------|
| 15 Amp | PD-2X1215TL-30CB | 64mm          | 2             | 2            | 1435mm         | 2743mm cord w/ NEMA L5-30P plug | circuit breaker only |

### 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
- 1422mm long, terminated in an integral junction box

### Power Solutions

Our power solutions are engineered and designed to U.S. standards\*



110VAC

prepopulated with modules



PCR-2X320A

| Part #     | Circuit*   | Termination | Overall Length |
|------------|------------|-------------|----------------|
| PCR6       | 20 Amp (1) | J-Box       | 1422mm         |
| PCR-2X320A | 20 Amp (2) | J-Box       | 1422mm         |

\*capable of up to 6 circuits when used with additional T Series tails.

Configure it yourself:  
see pg. 178



## custom power solution



Design and build an ETL-Listed custom power solution by mixing and matching components ideal for the system's individual power requirements with the **MPR Series**. Featuring the broadest selection of circuit and control options interconnected via a proprietary pre-terminated system.

## choose modular power raceways



- Lightweight raceway with versatile back-mount support clip
- Open design for easy module installation



MPR-3A

| Part # | Chassis Length | Useable Module Mounting Space Using Integral J-Box | Useable Module Mounting Space Using Optional J-Box |
|--------|----------------|----------------------------------------------------|----------------------------------------------------|
| MPR-3A | 813mm          | 610mm                                              | 813mm                                              |
| MPR-6A | 1422mm         | 1219mm                                             | 1422mm                                             |
| MPR-8A | 1829mm         | 1626mm                                             | 1829mm                                             |
| MPR-9A | 2032mm         | 1829mm                                             | 2032mm                                             |

## or stand-alone modules

- Fast, flexible solution to many installation challenges
- Ready to use with attached power cord



FC-4-1CA

| Part #       | Description                                                                                           |
|--------------|-------------------------------------------------------------------------------------------------------|
| RLM-15-1CA   | 15A controlled module, 2743mm cord                                                                    |
| RLM-20-1CA   | 20A controlled module, 2743mm cord                                                                    |
| RLM30-L520-1 | 20A controlled module, 12 volt DC (Twistlock receptacles)                                             |
| RLM30-L530-1 | 30A controlled module, 2743mm cord (Twistlock receptacles)                                            |
| FC-4-1CA     | thermostatic fan control [(4) 1-15R receptacles], 2743mm cord                                         |
| FC-2-215-1CA | thermostatic fan control (2) 1-15R fan receptacles, (2) 5-15R always on fan receptacles], 2743mm cord |
| MPR-SEQ-1CA  | 6 step sequence controller, contact closure control, 2743mm cord                                      |

## choose controlled modules

Now available  
Series Protection™



- The industry's only ETL Listed off-the-shelf configurable power strip to offer modules with Series type surge suppression
- Dry contact controlled outlets



RLM-20A-SP

| Part #         | Module Size | Description                                                 |
|----------------|-------------|-------------------------------------------------------------|
| RLM-15A        | 203mm       | 15A controlled module                                       |
| RLM-15A-SP     | 203mm       | 15A controlled module w/ Series Protection™                 |
| RLM-20A        | 203mm       | 20A controlled module                                       |
| RLM-20A-SP     | 203mm       | 20A controlled module w/ Series Protection™                 |
| RLM-20IGA      | 203mm       | 20A isolated ground controlled module                       |
| RLM-30TL-HWIGA | 203mm       | 30A controlled module, contact closure control              |
| FC-4A          | 203mm       | thermostatic fan control module [(4) 1-15R fan receptacles] |
| MPR-SEQA       | 203mm       | 6 step sequencing controller, contact closure control       |

## or always on modules

Now available  
Series Protection™

- Multiple outlet configurations available with ground options
- Models with Series Protection™ now available



M-15A-SP

| Part #   | Module Size | Description                             | Part #     | Module Size | Description                              |
|----------|-------------|-----------------------------------------|------------|-------------|------------------------------------------|
| M-15A    | 102mm       | 15A duplex module                       | M-2X20A    | 203mm       | 20A double duplex module                 |
| M-15A-SP | 102mm       | 15A duplex module w/ Series Protection™ | M-2X20IGA  | 203mm       | 20A double duplex isolated ground module |
| M-20A    | 102mm       | 20A duplex module                       | M-15IECA   | 102mm       | 15A 3-gang IEC module                    |
| M-20A-SP | 102mm       | 20A duplex module w/ Series Protection™ | M-20IECA   | 102mm       | 20A 1-gang IEC module                    |
| M-20IGA  | 102mm       | 20A duplex isolated ground module       | M-20TL-HWA | 102mm       | 20A twist lock L5-20R (hardwired only)   |
| M-2X15A  | 203mm       | 15A double duplex module                | M-30TL-HWA | 102mm       | 30A twist lock L5-20R (hardwired only)   |



## choose blank covers

STEP 3

- Blank cover for MPR raceway position



MPR-BL8A

| Part #   | Module Size | Description          |
|----------|-------------|----------------------|
| MPR-BL2A | 51mm        | sold in packs of two |
| MPR-BL4A | 102mm       | sold individually    |
| MPR-BL8A | 203mm       | sold individually    |

## or junction boxes

- Optional J-box fits on end of MPR raceway
- Equipped w/electrical knockouts



MPR-JB663A

| Part #     | Description                         |
|------------|-------------------------------------|
| MPR-JB663A | optional 152mm x 152mm x 76mm J-Box |
| MPR-JB843A | optional 203mm x 102mm x 76mm J-Box |
| MPR-JB853A | optional 203mm x 127mm x 76mm J-Box |
| MPR-JB863A | optional 203mm x 152mm x 76mm J-Box |

## or module accessories

- Ground wires with ring terminals (one end) simplifies attachment of multiple ground wires to a supplemental grounding stud
- MPR-SS transient voltage surge suppressor provides protection for MPR Series modules when mounted in raceways

| Part # | Description                          |
|--------|--------------------------------------|
| G-8X10 | ten 203mm ground wires               |
| MPR-SS | MPR surge suppressor, single circuit |



MPR-SS

## choose module connections

STEP 4

- Jumpers (J) interconnect power modules, providing AC power to all modules on the same circuit
- Tails (T) connect incoming power to a single circuit within a raceway
- Master/slave jumpers (JMS) control M Series basic modules by advancing the RLM Series on the same circuit
- 6 packs



T-80X6

| Part #   | Jumper Length | Termination                                                        |
|----------|---------------|--------------------------------------------------------------------|
| J-12X6   | 305mm         | connector on each end                                              |
| J-24X6   | 610mm         | connector on each end                                              |
| J-72X6   | 1829mm        | connector on each end                                              |
| T-24X6   | 610mm         | connector on one end, tails on the other                           |
| T-80X6   | 2032mm        | connector on one end, tails on the other                           |
| JMS-12X6 | 305mm         | connector on one end, connector plus push-on terminal on the other |

Want Middle Atlantic to build it for you?  
Call us at 800-266-7225

### Power Solutions

Our power solutions are engineered and designed to U.S. standards\*

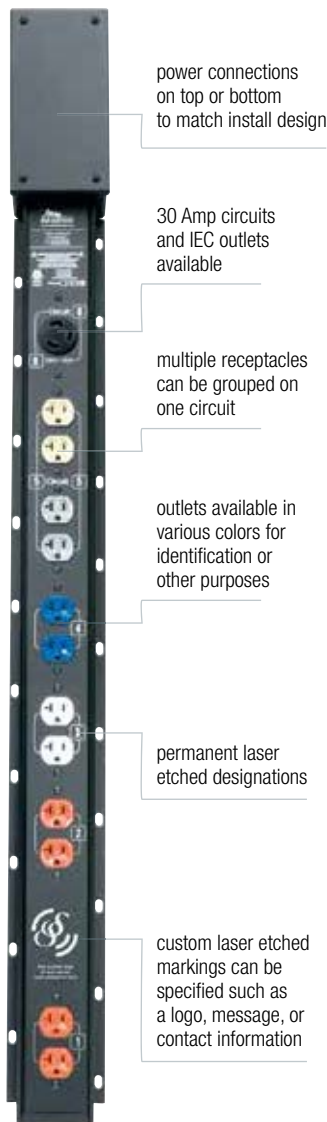


110VAC





Example showing 6 circuits and other choices with junction box on top



## PDW Series Multi-Circuit, High Capacity Power Distribution

Custom power made to your specifications and shipped within 4 days.

- Large standard capacity: up to twenty 15A or 20A circuits, or up to eight 30A circuits
- Custom lengths up to 2134mm
- Mix circuit types on one strip
- Choose outlet color and orientation, ground type (including individual or common conductors), and termination
- Custom tail lengths
- Specify your circuit numbers for permanent laser markings
- 15 Amp, 20 Amp, 30 Amp and IEC receptacles available

### Power Solutions

Our power solutions are engineered and designed to U.S. standards\*



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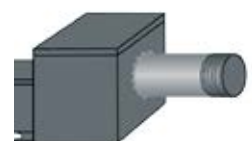
Available termination choices include:



1. Flexible custom length greenfield conduit



2. Junction Box



3. Or pipe nipple termination

Additional sized boxes and adapters available

Visit our website to configure or call customer service

| Part #                         | Circuit     | Termination | # of Outlets | OD Length |
|--------------------------------|-------------|-------------|--------------|-----------|
| PDW-12X220J                    | 20 Amp (20) | J-Box       | 24           | 1562mm    |
| Preconfigured models available |             |             |              |           |



## IsoCenter™ Rackmount Isolation Transformer & Load Center System

High efficiency toroidal transformer – greater than 98%

- Integrated load center with four 20A circuits, all on the same phase
- Optional 100,000 Amp 2-stage surge and spike protection
- Patented “soft start” technology to allow safe turn on without tripping breakers
- Eighteen receptacles for load distribution
- Input voltage monitoring with auto shutdown functions
- 208V or 240V (depending on model) input voltage, single phase



ISOCTR-5R-240-NS and ISOCTR-5R-208-NS

| 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            |
|------------------|----------|---------------|-----------------|------------|---------------------------------|--------------------------|-------------------------|-----------------------|-----------------|-------|---------------------|-------------|-------------------|
| ISOCTR-5R-240-2  | 5kVA     | 240V          | 100,000 Amps    | -          | Yes                             | -                        | -                       | -                     | 178mm (4 space) | 365mm | 441mm - 619mm       | NEMA L6-30P | black powder coat |
| ISOCTR-5R-208-2  | 5kVA     | 208V          | 100,000 Amps    | -          | Yes                             | -                        | -                       | -                     | 178mm (4 space) | 365mm | 441mm - 619mm       | NEMA L6-30P | black powder coat |
| ISOCTR-5R-240-NS | 5kVA     | 240V          | -               | -          | -                               | -                        | -                       | -                     | 178mm (4 space) | 365mm | 441mm - 619mm       | NEMA L6-30P | black powder coat |
| ISOCTR-5R-208-NS | 5kVA     | 208V          | -               | -          | -                               | -                        | -                       | -                     | 178mm (4 space) | 365mm | 441mm - 619mm       | NEMA L6-30P | black powder coat |

## PowerCore™ Models

Integrated & adjustable branch circuit sequencing.

- Integrated & adjustable branch circuit sequencing
- Safety ground current monitoring with automatic shutdown for system and life safety protection
- Patented “soft start” technology to allow safe turn on without tripping breakers
- 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 | 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                   | 267mm (6 space) | 425mm | 445mm - 654mm       | NEMA L6-30P | designer inspired milled black brushed and anodized |
| EP-CORE-5R-208 | 5kVA     | 208V          | 100,000 Amps    | Yes        | Yes                             | Yes                      | Yes                     | Yes                   | 267mm (6 space) | 425mm | 445mm - 654mm       | NEMA L6-30P | designer inspired milled black brushed and anodized |



EP-CORE-25-240

## PowerCore™ Isolation Transformers

Eliminate the need for expensive rackmount surge and spike protection and power conditioners with the solution that also helps eliminate most common causes of hum and buzz, helps remove ground loop problems and prevents most control system reboots and lockups.

- 10, 15, 25 kVA capacity available
- Includes surge protection & filtering
- Free standing unit

| Part #         | Description                                          | Inputs |
|----------------|------------------------------------------------------|--------|
| EP-CORE-25-240 | 25kVA, PowerCore with Surge Protection and Filtering | 240    |
| EP-CORE-25-208 |                                                      | 208    |
| EP-CORE-15-240 | 15kVA, PowerCore with Surge Protection and Filtering | 240    |
| EP-CORE-15-208 |                                                      | 208    |
| EP-CORE-10-240 | 10kVA, PowerCore with Surge Protection and Filtering | 240    |
| EP-CORE-10-208 |                                                      | 208    |



CORE-25-240-U2

## PowerCore™ Isolation Transformer with Integrated UPS

Centrally located hardwired UPS units back up branch circuits to replace local UPS units.

- 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

Call for modification and custom requests

| Part #         | Capacity | 2200VA UPS Qty/<br>Backed Branch Circuits | Dimensions<br>H x W x D |
|----------------|----------|-------------------------------------------|-------------------------|
| CORE-10-240-U1 | 10kVA    | 1                                         | 1499mm x 559mm x 660mm  |
| CORE-10-240-U2 | 10kVA    | 2                                         | 1499mm x 559mm x 660mm  |
| CORE-15-240-U1 | 15kVA    | 1                                         | 1880mm x 559mm x 660mm  |
| CORE-15-240-U2 | 15kVA    | 2                                         | 1880mm x 559mm x 660mm  |
| CORE-15-240-U3 | 15kVA    | 3                                         | 1880mm x 559mm x 660mm  |
| CORE-25-240-U1 | 25kVA    | 1                                         | 1880mm x 559mm x 660mm  |
| CORE-25-240-U2 | 25kVA    | 2                                         | 1880mm x 559mm x 660mm  |
| CORE-25-240-U3 | 25kVA    | 3                                         | 1880mm x 559mm x 660mm  |
| CORE-25-240-U4 | 25kVA    | 4                                         | 1880mm x 559mm x 660mm  |



## IEC Power Cords

Simplify the system's power cord management by replacing excess bundles with IEC power cords. Purpose-length power cords free up space to give the rack better organization and less-impeded airflow.

### SignalSAFE™ IEC Power Cords

- Featuring tightly twisted conductors to reduce the effects of AC magnetic fields, allowing closer integration of power and signal cables
- Sold in packs of 4, 20 and 100
- Straight and angled plugs



152mm to  
1219mm

### Power Solutions

Our power solutions are engineered and designed to U.S. standards\*



100VAC

| 152mm Length<br>Part # ** | 305mm Length<br>Part # ** | 457mm Length<br>Part # ** | 610mm Length<br>Part # ** | 914mm Length<br>Part # ** | 48" Length<br>Part # ** | Plug<br>Type           | Cord Stripe<br>color | Wire<br>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.

### Economy IEC Power Cords

- Competitive price, with trusted Middle Atlantic quality
- Designed and packaged for Integrator convenience
- The widest selection of IEC cord lengths in the AV industry
- Industry-standard 18 AWG conductors with 10A max current rating



152mm to  
1829mm

### Power Solutions

Our power solutions are engineered and designed to U.S. standards\*



100VAC

| 152mm Length<br>Part # | 305mm Length<br>Part # | 457mm Length<br>Part # | 610mm Length<br>Part # | 1829mm Length<br>Part # | Plug<br>Type | Connector<br>Type | Wire<br>Gauge | Qty. |
|------------------------|------------------------|------------------------|------------------------|-------------------------|--------------|-------------------|---------------|------|
| -                      | S-IEC-12X6             | S-IEC-18X6             | S-IEC-24X6             | -                       | Straight     | IEC 60320-1/C13   | 18            | 6    |
| -                      | S-IEC-12X20            | S-IEC-18X20            | S-IEC-24X20            | -                       | Straight     | IEC 60320-1/C13   | 18            | 20   |
| S-IEC-6X100            | S-IEC-12X100           | S-IEC-18X100           | S-IEC-24X100           | S-IEC-72X100            | Straight     | IEC 60320-1/C13   | 18            | 100  |



USC-6R

## Sequencing Controller for Contact Closure - Triggered Devices

Rackmount USC-6R provides six-step 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 remotely by any momentary contact closure switch (single pole, double throw, center off)
- 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

### Power Solutions

Our power solutions are engineered and designed to U.S. standards\*



110VAC

| Part # | Description                     | Steps                    | Control Options | Interval Delay     |
|--------|---------------------------------|--------------------------|-----------------|--------------------|
| USC-6R | rackmount sequencing controller | 6 individually sequenced | contact closure | 1, 3, or 6 seconds |



RPS

## RPS Series, Remote Power Control

The Remote Power Switch allows complete 15 Amps systems to be powered on and off without the need to access equipment. Mounts in the face of select racks, single space panel or UCP Series Universal Connector Panel.

- Switch and keylock models available
- Fits in any Decora® device opening

### Power Solutions

Our power solutions are engineered and designed to U.S. standards\*



100VAC

| Part #  | Description                           |
|---------|---------------------------------------|
| RPS     | 15 Amp remote power switch            |
| RPS-K   | 15 Amp remote power switch, keylocked |
| RPS-KEY | additional set of 2 keys              |

UL File #: E232496 UL Standard #: 244A: Appliance Controls 120 VAC, 15 Amps, 60 Hz

For additional grounding & bonding accessories, see the following products:

|                                     |         |
|-------------------------------------|---------|
| Isolation Leveling Feet             | pg. 47  |
| Spike, Rack Bonding Kits            | pg. 242 |
| Rack Ground Isolation Kits          | pg. 244 |
| Electrical Isolation Knockout Panel | pg. 244 |



## Copper Bus Bars

Copper bus bars are 3mm thick and threaded 10-32.

- Various heights and widths available
- Supplied mounting hardware includes nylon isolation washers, bolts & nuts

| Part #    | Racking Height    | Width | Qty   |
|-----------|-------------------|-------|-------|
| BB-5254-1 | 2007mm            | 25mm  | 1 bar |
| BB-44-1   | 1956mm (44 space) | 25mm  | 1 bar |
| BB-40     | 1778mm (40 space) | 51mm  | 1 bar |
| BB-12     | 533mm (12 space)  | 51mm  | 1 bar |



BB-12

## Power Solutions

Our power solutions are engineered and designed to U.S. standards\*



100VAC



## Remote Switches

Remote switch options include a switch or key to initiate up/down sequencing remotely.

- Wall plate and Decora® mount switches available
- LED indicators on some models

| 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-SEQA<br>MPR-SEQ-1CA<br>PDS Series<br>USC-6R |
| USC-K   | remote wall plate keyswitch (no LEDs)                  |                                                 |
| K-DEC*  | remote Decora® mount keyswitch (no LEDs)               |                                                 |
| S-DEC*  | remote Decora® mount switch (no LEDs)                  |                                                 |
| USC-KEY | additional set of keys for USC-KL or K-DEC             | —                                               |

\*mounts ONLY in Middle Atlantic Products Decora® openings (panels and racks).



S-DEC



USC-K

## Power Solutions

Our power solutions are engineered and designed to U.S. standards\*



100VAC



## Power 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 in the SR & DWR Series wall racks, use PB-DWR brackets

| 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 mounts PD-815SC and PD-815SC-NS power strips between rackrail        |

\*Requires LBFR-5A-xx to mount inside Slim 5 or AXS Series Racks



PB-90



PB-XS

## Power Solutions

Our power solutions are engineered and designed to U.S. standards\*



100VAC

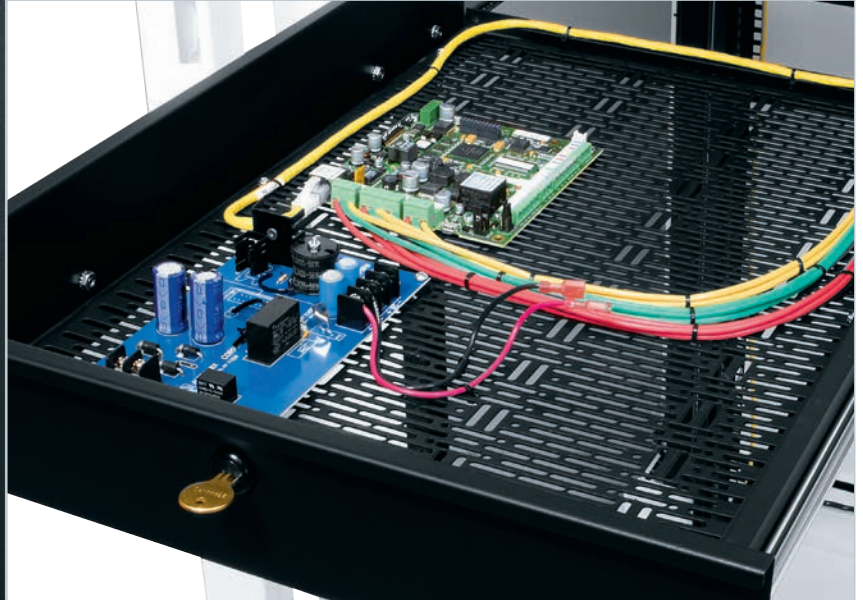




# accessories

Middle Atlantic Products has the best selection of Rack System Accessories in the industry – in stock and ready for immediate shipment.

These great products add the finishing touches to rack installation appearance, but also maximize system utility and play an important role in system reliability and life.



All Middle Atlantic Products Accessories are:

- Purpose-designed for the application
- Manufactured to the highest quality standards

|                                 |           |
|---------------------------------|-----------|
| Shelves & Storage               | 190 - 203 |
| Custom Rackshelves              | 190 - 191 |
| Adjustable & Sliding Shelves    | 192 - 193 |
| Rackshelves                     | 194 - 197 |
| Media Player & Keyboard Shelves | 198 - 199 |
| LCD Rackmounts & Other Shelves  | 200 - 201 |
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| Cable Ladder                    | 217 - 218 |
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|                              |           |
|------------------------------|-----------|
| Thermal Management           | 222 - 227 |
| Rackmount Consoles           | 228       |
| Lighting                     | 229       |
| Security Options & Covers    | 230 - 231 |
| Blank & Vent Panels          | 232 - 239 |
| Connector Panels             | 237 - 239 |
| Other Hardware & Accessories | 240 - 245 |



## RSH Series Custom Rackshelves

Custom Rackshelves from Middle Atlantic are the first choice of professional installers for mounting and trimming non-rackmount components. With these innovative shelves virtually any component can be installed in a standard 483mm enclosure without modification. The result is a neatly-trimmed installation with a perfect fit and no gaps because the shelf is sized for the selected component and the face plate is custom cut to provide a perfect opening.

- 1-2 day lead time
- Assembles easily in minutes
- Includes rear brackets to keep components from sliding backward
- Fully ventilated ears and bottom
- Choice of durable powder coat, brushed or anodized finishes
- Depths are automatically provided in 292mm, 356mm, 394mm, 445mm, or 521mm styles based on dimensions of your component
- Accepts any component up to 450mm wide
- Perfect fit both looks great and promotes proper thermal management
- Individual custom faces (less rack ears and shelf bottom) are also available
- LCD rackmounts also available
- Works great with rear-mount power like PD-815SC-PBSH on pg. 176

\*Note: Custom faces do not work with standard shelves



Installation by Intra Home Systems



RSH



RSH with iPad®;  
database includes "in-wall" style docks  
for iPads and Control Systems



STEP 1

- Visit [middleatlantic.com/resources/rsh-lookup.aspx](http://middleatlantic.com/resources/rsh-lookup.aspx)

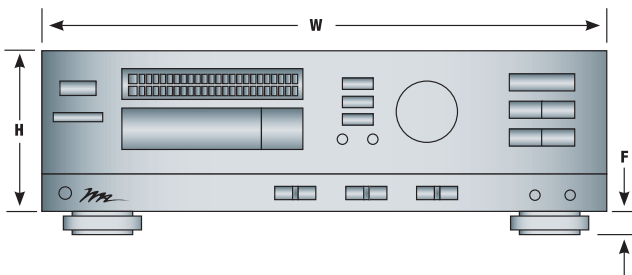
STEP 2

- Search the over 10K components on file

## ordering instructions

STEP 3

- Select your finish and place your order!



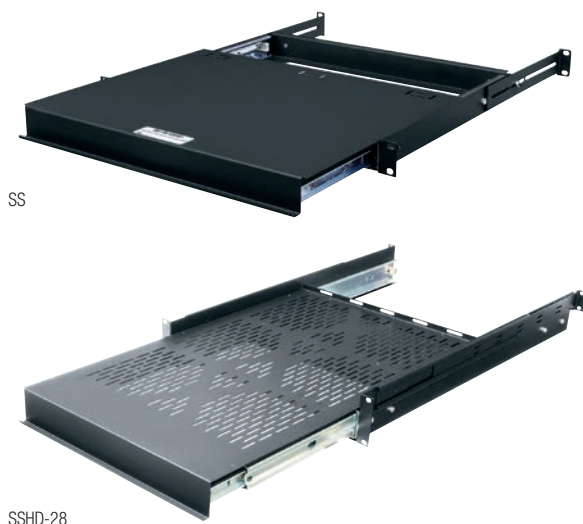
If your component is not on file, you can either send it to us for measurement or send us the dimensions as seen in the diagram. Contact customer service for assistance.\*

\*MUST be accurate within 1mm, depth can be within 3mm. The dimensions provided in the component's owner's manual are NOT always accurate. Please measure carefully as RSH units are custom-made and non-returnable.



## Adjustable and Sliding Rackshelves

Middle Atlantic Products offers a wide range of adjustable and sliding shelves to support your project needs. Most models in this section are designed for 4-point mounting and are adjustable to fit a range of rack sizes. Note that unlike lower-quality offerings, Middle Atlantic shelves in this section include heavy-duty models designed with weight capacities up to 91kg for sliding models and 181kg for fixed models.



### Sliding Shelf

Sliding shelves allow for easy maintenance of your components right on the shelf, and access to connections and cabling from the front of the rack. Middle Atlantic offers several styles of sliding shelves, including low profile, standard and heavy-duty to meet project needs and budgets.

- Adjustable 4-point mounting to fit in many rack models
- SS and SSHD-28 models include cable tie points at rear of shelf

| Part #  | Racking Height           | Shelf Area        | Material                 | Base   | Rear Ear Adjustable Range | Shelf Extension | Weight Capacity |
|---------|--------------------------|-------------------|--------------------------|--------|---------------------------|-----------------|-----------------|
| SS      | 36mm (less than 1 space) | 445mm w x 375mm d | black powder coat, steel | solid  | 403mm – 595mm             | 356mm           | 23kg            |
| SSL     | 36mm (less than 1 space) | 425mm w x 356mm d | black laminate           | solid  | 403mm – 595mm             | 289mm           | 16kg            |
| SSHD-28 | 89mm (2 space)           | 429mm w x 711mm d | black powder coat, steel | vented | 533mm – 762mm             | 711mm           | 91kg            |

### Adjustable Rackshelf

These vented 4-point mounting shelves were designed specifically for heavy equipment and adjust to allow 4-point mounting in many available rack depths.

- Partially vented bottoms to allow some cooling airflow
- Weight capacity up to 136kg, depending on model
- Steel construction with durable powder coat finish

| Part # | Racking Height      | Shelf Area        | Weight Capacity |
|--------|---------------------|-------------------|-----------------|
| VDS    | 89mm (2 rackspace)  | 441mm w x 648mm d | 45kg            |
| AS3-22 | 133mm (3 rackspace) | 441mm w x 546mm d | 136kg           |



### Heavy-Duty VTR/CPU Sliding Shelf

This full extension lockout shelf system was designed to hold VTRs in Broadcast applications, but can hold any similar equipment where access for maintenance or use is desired.

- Mounting ears are pre-installed for quick installation
- Adjustable 4-point mounting to fit in many rack models
- Optional front cover panel

| Part #      | Racking Height  | Description     | Area              | Rear Ear Adjustable Range | Weight Capacity |
|-------------|-----------------|-----------------|-------------------|---------------------------|-----------------|
| SS4-23VTR   | 178mm (4 space) | sliding shelf   | 403mm w x 584mm d | 318mm – 737mm             | 34kg            |
| SS5-23VTR   | 222mm (5 space) | sliding shelf   | 403mm w x 584mm d | 318mm – 737mm             | 34kg            |
| SS-VTR-CVR4 | 178mm (4 space) | removable cover |                   |                           |                 |
| SS-VTR-CVR5 | 222mm (5 space) | removable cover |                   |                           |                 |



SS-VTR

SS-VTR  
with cover

### Telescoping Heavy-Duty Rackshelf

Unlike standard adjustable shelves, the entire VSA Series shelf telescopes to reach rear rail.

- 4-point mounting for a high 181kg weight capacity
- Fully vented bottoms with cable management tie points
- Steel construction with durable powder coat finish

| Part #   | Racking Height               | Overall Depth                            | Weight Capacity |
|----------|------------------------------|------------------------------------------|-----------------|
| VSA-1626 | 38mm (less than 1 rackspace) | 438mm w x 406mm (min.) to 660mm (max) d  | 181kg           |
| VSA-2744 | 38mm (less than 1 rackspace) | 438mm w x 686mm (min.) to 1118mm (max) d | 181kg           |



VSA-1626



VSA-2744



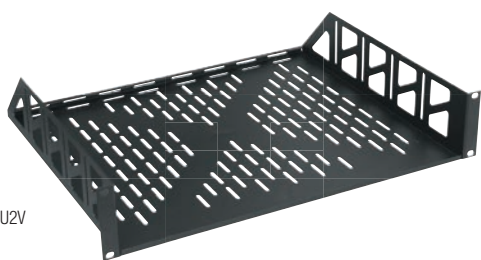
## Rackshelves

Middle Atlantic Products offers a wide range of adjustable and sliding shelves to support your project needs. Note that unlike lower-quality offerings, Middle Atlantic shelves in this section include heavy-duty models designed with weight capacities up to 91kg for sliding models and 181kg for fixed models.

- Choice of solid bottom and fully vented shelves
- Choice of ready-to-use and ready-to-assemble models
- Choice of models that accept optional clamps, or have clamps included
- Some popular models are available in Contractor packs
- All types are finished in a durable black powder coat



U1



U2V



U317

Contractor Pack  
sample

## Utility Shelves

Utility shelves are a workhorse of installation, able to hold a wide range of equipment needed in the rack. Some models are also available in Contractor packs to save space and reduce packaging waste.

- Choice of solid bottom and fully vented shelves
- Choice of ready-to-use and ready-to-assemble models
- Choice of models that accept optional clamps, or have clamps included
- Some popular models are available in Contractor packs
- All types are finished in a durable black powder coat

| Solid Part # | Vented Part # | Racking Height      | Overall Depth | Useable Depth | Weight Capacity |
|--------------|---------------|---------------------|---------------|---------------|-----------------|
| U1           | U1V           | 44mm (1 rackspace)  | 273mm         | 256mm         | 16kg            |
| U2           | U2V           | 89mm (2 rackspace)  | 370mm         | 365mm         | 23kg            |
| U3           | U3V           | 133mm (3 rackspace) | 370mm         | 365mm         | 32kg            |
|              | U317*         | 133mm (3 rackspace) | 370mm         | 365mm         | 32kg            |
| U4           | U4V           | 178mm (4 rackspace) | 394mm         | 389mm         | 39kg            |

\*partially vented, see image

## Contractor and Master Packs

Contractor/master packs make storage and selection easy.

| Part #  | Type   | Pack       | Racking Height      | Qty |
|---------|--------|------------|---------------------|-----|
| U1-RP12 | solid  | contractor | 44mm (1 rackspace)  | 12  |
| U2-RP6  | solid  | contractor | 89mm (2 rackspace)  | 6   |
| U1MP    | solid  | master     | 44mm (1 rackspace)  | 50  |
| U2MP    | solid  | master     | 89mm (2 rackspace)  | 50  |
| U3MP    | solid  | master     | 133mm (3 rackspace) | 36  |
| U1V-4   | vented | contractor | 44mm (1 rackspace)  | 4   |
| U2V-4   | vented | contractor | 89mm (2 rackspace)  | 4   |
| U3V-4   | vented | contractor | 133mm (3 rackspace) | 4   |
| U4V-4   | vented | contractor | 178mm (4 rackspace) | 4   |



## Clamping Rackshelves

Clamping shelves captivate components with rubber-lined clamps from the top and adjustable rear brackets.

- Vented bottom
- UL Listed

| Part # | Type                  | Racking Height      | Clamp Height Range | Weight Capacity |
|--------|-----------------------|---------------------|--------------------|-----------------|
| CAP5   | all ready-to-assemble | 222mm (5 rackspace) | 162mm - 206mm      | 45kg            |
| CAP6   | all ready-to-assemble | 267mm (6 rackspace) | 203mm - 251mm      | 45kg            |
| CAP7   | all ready-to-assemble | 311mm (7 rackspace) | 248mm - 295mm      | 45kg            |
| CAP8   | all ready-to-assemble | 356mm (8 rackspace) | 292mm - 340mm      | 45kg            |
| RC-2   | all assembled         | 89mm (2 rackspace)  | 25mm - 70mm        | 23kg            |
| RC-3   | all assembled         | 133mm (3 rackspace) | 70mm - 117mm       | 32kg            |
| RC-4   | all assembled         | 178mm (4 rackspace) | 114mm - 162mm      | 39kg            |

| Part #        | Description                                                                           |
|---------------|---------------------------------------------------------------------------------------|
| PD-815SC-PBSH | PD slim series high density strip, 457mm long with surge & circuit breaker protection |



CAP6



PD-815SC-PBSH rear mount power option available, see pg. 176

## Ready-To-Assemble Rackshelves

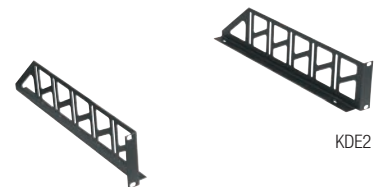
Vented KD Series rackshelves ship ready-to-assemble to minimize freight costs & save storage space.

- Ear heights range from 2 to 6 spaces
- Sold in pairs
- All assembly hardware included
- UL Listed

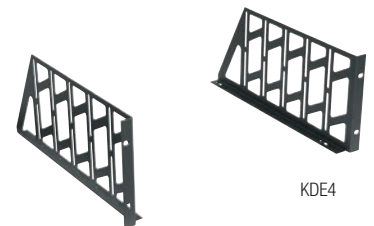
| Ear Part # | Racking Height      | Depth | Weight Capacity |
|------------|---------------------|-------|-----------------|
| KDE2       | 89mm (2 rackspace)  | 394mm | 23kg            |
| KDE2S      | 89mm (2 rackspace)  | 292mm | 23kg            |
| KDE3       | 133mm (3 rackspace) | 394mm | 32kg            |
| KDE3S      | 133mm (3 rackspace) | 292mm | 32kg            |
| KDE4       | 178mm (4 rackspace) | 394mm | 39kg            |
| KDE4S      | 178mm (4 rackspace) | 292mm | 39kg            |
| KDE5       | 222mm (5 rackspace) | 394mm | 45kg            |
| KDE6       | 267mm (6 rackspace) | 394mm | 45kg            |

| Bottom Part # | Useable Shelf Area |
|---------------|--------------------|
| KDB           | 441mm w x 384mm d  |
| KDB-14*       | 441mm w x 346mm d  |
| KDB-17.5      | 441mm w x 435mm d  |
| KDB-20.5      | 441mm w x 511mm d  |

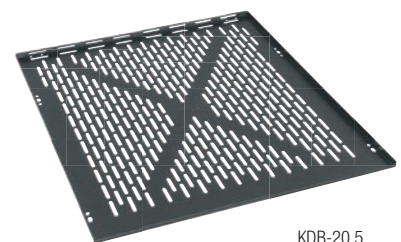
\*fits our DWR Series (use w/ 'S' 292mm ears)



KDE2



KDE4



KDB-20.5



OCAP-2



VRS

## Sat-Cable Box Rackshelves

These unique shelves use minimal shelf structure to provide the maximum open area around the supported component – ideal for high-heat components such as satellite and cable boxes. Perfect for installations with multiple video sources such as sports bars, gyms, and hotels.

- Universal fit accommodates most popular cable and satellite box sizes
- Sturdy steel construction with durable black powder coat finish
- OCAP Series: rubber-lined clamps on top and bottom
- VRS Series: holds up to 6 boxes vertically, eliminates need for individual shelves

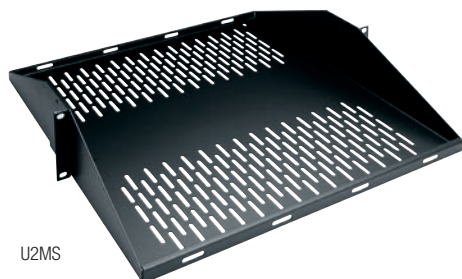
| Part # | Equipment Orientation | Racking Height      | Depth | Weight Capacity | Useable Height |
|--------|-----------------------|---------------------|-------|-----------------|----------------|
| OCAP-2 | horizontal            | 89mm (2 rackspace)  | 356mm | 11kg            | 67mm           |
| OCAP-3 | horizontal            | 133mm (3 rackspace) | 356mm | 11kg            | 111mm          |
| VRS    | vertical              | 89mm (2 rackspace)  | 381mm | 16kg            |                |

## Vented Center Mount Shelves for Open Frame Racks

This center-mount shelf was designed for use with 2-post racks but can be used with other racks to provide support in front of the rackrails. Front and rear edges have cable management tie points built in.

- Fully vented bottom aids equipment cooling
- Steel construction with durable powder coat finish

| Part # | Racking Height     | Useable Shelf Area | Weight Capacity |
|--------|--------------------|--------------------|-----------------|
| U2MS   | 89mm (2 rackspace) | 438mm w x 457mm d  | 23kg            |



U2MS

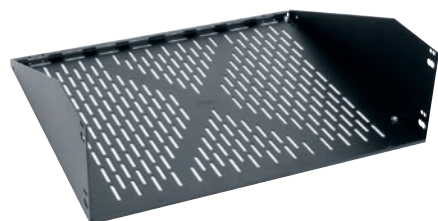
## Wide Unit Shelf System

Some components are too wide to fit the 441mm inside width of standard rackshelves. These shelf systems adjust to hold units up to 572mm wide.

- Fully vented bottom aids equipment cooling
- Steel construction with durable powder coat finish
- Saves room by requiring no rackspaces
- UL Listed

| Part #   | Useable Shelf Area                | Weight Capacity |
|----------|-----------------------------------|-----------------|
| WUSS11.5 | 441mm (min.) to 575mm w x 289mm d | 23kg            |
| WUSS14*  | 441mm (min.) to 575mm w x 356mm d | 23kg            |
| WUSS15.5 | 441mm (min.) to 575mm w x 394mm d | 23kg            |
| WUSS17.5 | 441mm (min.) to 575mm w x 445mm d | 23kg            |
| WUSS20.5 | 441mm (min.) to 575mm w x 521mm d | 23kg            |

\*Available in 356mm depth - fits DWR Series and other shallow racks! NOTE: this rackshelf works with all Middle Atlantic enclosures except those that use 'Z-Rail.'



WUSS



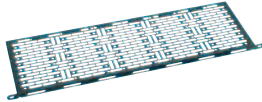
WUSS typical usage of mounting with adjustable width



## Small Device Mounting Shelves

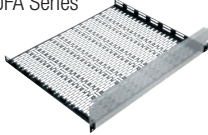
These innovative shelves are designed to mount multiple small devices while providing cable management and tie down points.

- Fully vented bottoms with flexible device mounting patterns
- Steel construction with durable powder coat finish



**MS Series**

- Holds small items in front or rear of rack



**UFA Series**

- Available faceplate that easily mounts after install to conceal devices



**UMS Series**

- Patented design includes counter sunk holes to match popular Extron® devices up to 483mm
- Available in half rack size



**UTR Series**

- Includes hook and loop strips for component mounting

| Series | Part #       | Type               | Racking Height      | Dimensions                 | Weight Capacity | Finish                     | Pre-Pack Qty | Included Panel                                                   | Contractor/ Master Pack |
|--------|--------------|--------------------|---------------------|----------------------------|-----------------|----------------------------|--------------|------------------------------------------------------------------|-------------------------|
| MS     | MS-11        | shelf              |                     | 13mm h x 445mm w x 280mm d | 7kg             | black powder coat          | 1            |                                                                  |                         |
|        | MS-11-4      | shelf              |                     | 13mm h x 445mm w x 280mm d | 7kg             | black powder coat          | 4            |                                                                  |                         |
|        | MS-5.5       | shelf              |                     | 13mm h x 445mm w x 140mm d | 14kg            | black powder coat          | 1            |                                                                  |                         |
|        | MS-5.5-4     | shelf              |                     | 13mm h x 445mm w x 140mm d | 14kg            | black powder coat          | 4            |                                                                  |                         |
| UFA    | UFA-8        | shelf              | 44mm (1 rackspace)  | 438mm w x 203mm d          | 16kg            | black powder coat          | 1            |                                                                  |                         |
|        | UFA-8-4      | shelf              | 44mm (1 rackspace)  | 438mm w x 203mm d          | 16kg            | black powder coat          | 4            |                                                                  |                         |
|        | UFA-14.5     | shelf              | 44mm (1 rackspace)  | 438mm w x 368mm d          | 11kg            | black powder coat          | 1            |                                                                  |                         |
|        | UFA-14.5-4   | shelf              | 44mm (1 rackspace)  | 438mm w x 368mm d          | 11kg            | black powder coat          | 4            |                                                                  |                         |
|        | UFA-8-F1     | shelf              | 44mm (1 rackspace)  | 438mm w x 203mm d          | 16kg            | black powder coat          | 1            | 1 space                                                          |                         |
|        | UFA-8-F2     | shelf              | 89mm (2 rackspace)  | 438mm w x 203mm d          | 16kg            | black powder coat          | 1            | 2 space                                                          |                         |
|        | UFAF-1       | panel              | 44mm (1 rackspace)  |                            |                 | black powder coat          | 1            |                                                                  |                         |
|        | UFAF-1A      | panel              | 44mm (1 rackspace)  |                            |                 | black brushed and anodized | 1            |                                                                  |                         |
|        | UFAF-2       | panel              | 89mm (2 rackspace)  |                            |                 | black powder coat          | 1            |                                                                  |                         |
|        | UFAF-2A      | panel              | 89mm (2 rackspace)  |                            |                 | black brushed and anodized | 1            |                                                                  |                         |
|        | UFAF-3       | panel              | 133mm (3 rackspace) |                            |                 | black powder coat          | 1            |                                                                  |                         |
|        | UFAF-3A      | panel              | 133mm (3 rackspace) |                            |                 | black brushed and anodized | 1            |                                                                  |                         |
|        | UFAF-4       | panel              | 178mm (4 rackspace) |                            |                 | black powder coat          | 1            |                                                                  |                         |
|        | UFAF-4A      | panel              | 178mm (4 rackspace) |                            |                 | black brushed and anodized | 1            |                                                                  |                         |
| UMS    | HR-UMS1-11.5 | half rack shelf    | 44mm (1 rackspace)  | 254mm w x 292mm d          |                 | black powder coat          |              |                                                                  |                         |
|        | HR-UMS1-3.5  | half rack shelf    | 44mm (1 rackspace)  | 254mm w x 89mm d           |                 | black powder coat          |              |                                                                  |                         |
|        | HR-UMS1-5.5  | half rack shelf    | 44mm (1 rackspace)  | 254mm w x 140mm d          |                 | black powder coat          |              |                                                                  |                         |
|        | UMS1-11.5    | panel              | 44mm (1 rackspace)  | 448mm w x 292mm d          | 11kg            | black powder coat          |              |                                                                  |                         |
|        | UMS1-11.5K   | panel              | 44mm (1 rackspace)  | 448mm w x 292mm d          | 11kg            | black powder coat          |              | 4 partial blank panels (1/4 & 1/2 width & 1/8 height) & hardware |                         |
|        | UMS1-3.5     | panel              | 44mm (1 rackspace)  | 448mm w x 89mm d           | 11kg            | black powder coat          |              |                                                                  |                         |
|        | UMS1-3.5K    | panel              | 44mm (1 rackspace)  | 448mm w x 89mm d           | 11kg            | black powder coat          |              | 4 partial blank panels (1/4 & 1/2 width & 1/8 height) & hardware |                         |
|        | UMS1-5.5     | panel              | 44mm (1 rackspace)  | 448mm w x 140mm d          | 11kg            | black powder coat          |              |                                                                  |                         |
|        | UMS1-5.5K    | panel              | 44mm (1 rackspace)  | 448mm w x 140mm d          | 11kg            | black powder coat          |              | 4 partial blank panels (1/4 & 1/2 width & 1/8 height) & hardware |                         |
|        | UMSFP1-1/2   | filler blank panel |                     | 42mm x 221mm               |                 | black powder coat          |              |                                                                  |                         |
|        | UMSFP1-1/4   | filler blank panel |                     | 42mm x 110mm               |                 | black powder coat          |              |                                                                  |                         |
|        | UMSFP1-1/8   | filler blank panel |                     | 17mm x 110mm               |                 | black powder coat          |              |                                                                  |                         |
| UTR    | UTR1         | shelf              | 44mm (1 rackspace)  | 254mm                      | 11kg            | black powder coat          | 50           |                                                                  | UTR1MP                  |
|        |              |                    |                     |                            |                 |                            | 12           |                                                                  | UTR1-RP12               |



## Universal Media Player Shelves

- Ships read-to-use
- Holds one or more docks
- Available accessory shelf



SH-DMP-S  
does not include dock

| Part #     | Racking Height  | Description                               | Finish                   |
|------------|-----------------|-------------------------------------------|--------------------------|
| SH-DMP-A   | 178mm (4 space) | digital media player shelf                | black brushed & anodized |
| SH-DMP-S   | 178mm (4 space) | digital media player shelf                | black textured           |
| SH-DMP-EXT |                 | digital media player rear accessory shelf |                          |

## Front-Loading Media Holders

Store CDs, DVDs, and other recorded media in our rackmount media holders.

- Partitioned to prevent the contents from tipping
- All stored media protrudes 10mm to allow quick retrieval
- Flanged aluminum face
- Choice of black brushed and anodized or a textured black powder coat finish



DVD

| Black Anodized Part # | Black Textured Part # with Lock | Fits                                                                    | Racking Height  | Depth |
|-----------------------|---------------------------------|-------------------------------------------------------------------------|-----------------|-------|
| DVD                   |                                 | 28 DVDs; PS3®, Xbox 360®, Wii® games; Blu-ray®, HD-DVD, DVD-Audio media | 222mm (5 space) | 140mm |
| CD                    | TCD                             | 40 compact discs, SA-CD                                                 | 178mm (4 space) | 146mm |
| CD1                   |                                 | 6 CDs                                                                   | 44mm (1 space)  | 140mm |



## Rackmount Computer Keyboard & Shelves

Rackmount computer keyboard systems occupy only 1 rackspace and include articulating arm to provide effective cable management. Finished in a durable black powder coat.

- The KB-SS is an adjustable sliding shelf universally designed to accommodate standard keyboards (405mm w x 238mm w)
- The RM-KB include a high quality full 101 key AT style keyboard with touchpad and padded wrist-rest

| Part # | Description                 | Racking Height     | Rear Adjustable Range |
|--------|-----------------------------|--------------------|-----------------------|
| KB-SS  | keyboard sliding shelf      | 44mm (1 rackspace) | 432mm – 635mm         |
| RM-KB  | rackmount computer keyboard | 44mm (1 rackspace) | 432mm – 635mm         |



KB-SS



RM-KB

## Fixed Writing/Computer Keyboard Shelves

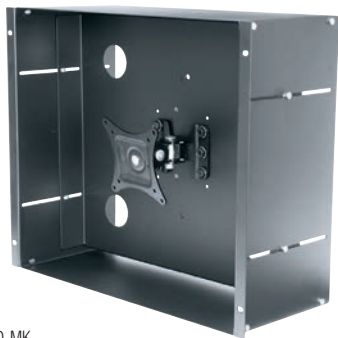
The FWS fixed single bay writing/computer keyboard shelf bolts quickly to any rack to create a convenient work surface. Occupies 2 rackspaces below and comes complete with special rail-mounting hardware.

- Black laminate top work surface made from 19mm furniture-grade MDF board

| Part # | Depth | Weight Capacity |
|--------|-------|-----------------|
| FWS    | 457mm | 45kg            |



FWS typical usage



RM-LCD-MK

RM-LCD-MT\*  
\*monitor not included



RM-LCD-PNLK  
open panel style

## LCD Rackmounts

Now it's easier than ever to rackmount LCD monitors! Middle Atlantic gives you a choice of five mounting styles, including fixed, tilting, and fully articulating models.

- Sturdy steel construction
- Generous front to back adjustment
- Versatile screen mounting using standard VESA 75 and VESA 100 patterns
- Holds LCD screen sizes from 381mm to 483mm, & some 508mm monitors

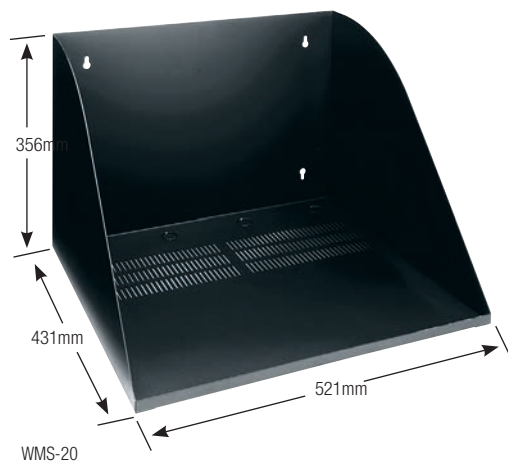
| Part #      | Racking Height      | Style                             | Weight Capacity |
|-------------|---------------------|-----------------------------------|-----------------|
| RM-LCD-MV   | 400mm (9 rackspace) | backpan style, fixed mount        | 16kg            |
| RM-LCD-MK   | 400mm (9 rackspace) | backpan style, tilt mount         | 16kg            |
| RM-LCD-MT   | 400mm (9 rackspace) | backpan style, articulating mount | 16kg            |
| RM-LCD-PNLV | 133mm (3 rackspace) | open panel style, fixed mount     | 16kg            |
| RM-LCD-PNLK | 133mm (3 rackspace) | open panel style, tilt mount      | 12kg            |

## Wall Mount Shelf

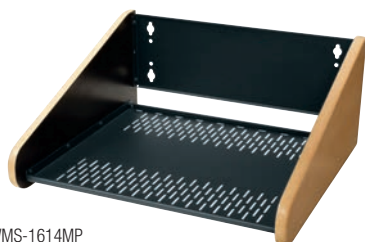
Wall mounting non-rackmount components is much easier with our WMS wall mount shelf. Furniture version features attractive wooden side panels with rounded outside corners for safety.

- Vented bottoms
- Metal parts have durable powder coat finish

| Part #     | Finish        | Weight Capacity |
|------------|---------------|-----------------|
| WMS-20     | Black (steel) | 91kg            |
| WMS-1614NA | Napa          | 45kg            |
| WMS-1614GS | Graystone     | 45kg            |
| WMS-1614MP | Maple         | 45kg            |



WMS-20



WMS-1614MP



## 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.

- Holds equipment without attaching the rack screws – ideal for fast swap outs
- Compatible with MRK, VRK, and VMRK when used with Z-rail or Z-rail adapter

| Part #   | Overall Depth | Pre-Pack Qty | Weight Capacity |
|----------|---------------|--------------|-----------------|
| CSA-18   | 257mm         | 2            | 45kg            |
| CSA-20   | 508mm         | 2            | 45kg            |
| CSA-20-H | 508mm         | 2            | 91kg            |
| CSA-22   | 559mm         | 2            | 45kg            |
| CSA-22-H | 559mm         | 2            | 91kg            |
| CSA-24   | 610mm         | 2            | 45kg            |
| CSA-24-H | 610mm         | 2            | 91kg            |
| CSA-26   | 660mm         | 2            | 45kg            |
| CSA-26-H | 660mm         | 2            | 91kg            |

NOTE: designed for mounting to Z-Rail or to a Z-Rail adapter - not compatible with standard L-shaped rackrail without hardware or rackrail adjustments



CSA typical usage

## Rackmount Chassis

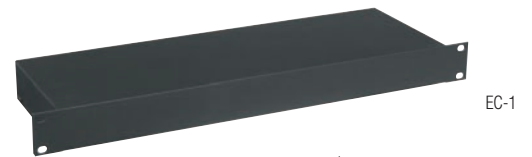
These chassis are ideal for holding your custom work. With its aesthetically-balanced, screwless flush-mounted faceplate, our Premium, CH Chassis, are equally at home in the back office or very visible locations. Economy model also available.

- Chassis disassemble easily for machining and access
- All models feature strong steel bodies
- Premium model has aluminum front and rear panels keep for easy machining

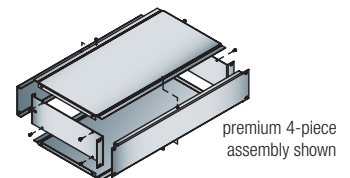
| Model   | Part # | Racking Height      | Depth | Faceplate Finish  |
|---------|--------|---------------------|-------|-------------------|
| premium | CH1    | 44mm (1 rackspace)  | 254mm | anodized          |
| premium | CH2    | 89mm (2 rackspace)  | 254mm | anodized          |
| premium | CH3    | 133mm (3 rackspace) | 254mm | anodized          |
| economy | EC-1   | 44mm (1 rackspace)  | 152mm | black powder coat |
| economy | EC-2   | 89mm (2 rackspace)  | 152mm | black powder coat |
| economy | EC-3   | 133mm (3 rackspace) | 152mm | black powder coat |



CH1



EC-1



premium 4-piece assembly shown

## Multi-Bay Laminate Work Surface

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 25mm thick graphite-marbled laminate surface with a durable black T-mold edging.

- Includes cable pass-through with grommets providing effective cable management
- Each work surface requires the use of two front and two rear rackspaces
- Sturdy steel tubing supports work surface

| 457mm Shelf Depth Part # | 457mm Shelf Depth Part # | Span  | Fits                     | 457mm Shelf Depth Part # | 457mm Shelf Depth Part # | Span  | Fits                 |
|--------------------------|--------------------------|-------|--------------------------|--------------------------|--------------------------|-------|----------------------|
| WS2-M26-18               | WS2-M26-24               | 2 bay | MRK 660mm deep racks     | WS2-W27-18               | WS2-W27-24               | 2 bay | WRK 686mm deep racks |
| WS3-M26-18               | WS3-M26-24               | 3 bay | MRK 660mm deep racks     | WS3-W27-18               | WS3-W27-24               | 3 bay | WRK 686mm deep racks |
| WS4-M26-18               | WS4-M26-24               | 4 bay | MRK 660mm deep racks     | WS4-W27-18               | WS4-W27-24               | 4 bay | WRK 686mm deep racks |
| WS2-M31-18               | WS2-M31-24               | 2 bay | MRK/VRK 787mm deep racks | WS2-W32-18               | WS2-W32-24               | 2 bay | WRK 813mm deep racks |
| WS3-M31-18               | WS3-M31-24               | 3 bay | MRK/VRK 787mm deep racks | WS3-W32-18               | WS3-W32-24               | 3 bay | WRK 813mm deep racks |
| WS4-M31-18               | WS4-M31-24               | 4 bay | MRK/VRK 787mm deep racks | WS4-W32-18               | WS4-W32-24               | 4 bay | WRK 813mm deep racks |

NOTE: not recommended for use on racks with casters



WS



## Rackmount Storage

Middle Atlantic offers a broad selection of utility and special-purpose storage products to support your project needs. Many installers find that storing documents, manuals, or tools at the installation site increases efficiency and service speed. Models in this section include standard and heavy-duty drawers and lockboxes, as well as inserts for storing media and protecting sensitive contents.



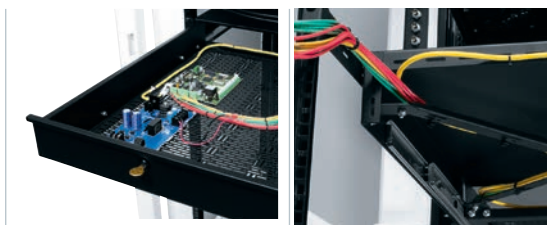
D2-UMS-28



### Universal Mounting Drawers

The universal mounting drawer was designed with our patented pattern to mount small devices traditionally located outside the rack to the bottom of the drawer.

- Smaller components typically mounted to the wall can now be mounted securely within the rack
- Bottom of drawer can be removed before installation to mount small devices and can be screwed into place
- Articulating cable arm keeps wires from getting pinched
- Pattern of holes and slots accommodates nearly any mounting hole pattern, and can also be used for wire tie or other cable fastening methods
- Provides abundant cable management and device tie down points
- Drawer locks for added security
- 4-point mounting for added strength
- Black powder coat finish



D2-UMS-28

articulating cable arm keeps wires from getting pinched when the drawer is pulled open or closed shut

| Part #    | Useable Mounting Area | Racking Height | Weight Capacity |
|-----------|-----------------------|----------------|-----------------|
| D2-UMS-28 | 330mm w x 533mm d     | 89mm (2 space) | 20kg            |

### Heavy Duty Drawers

These drawers have a fully enclosed top and generous inside dimensions measuring 403mm wide by 368mm deep. 2, 3 and 4 space models include drawer mat and rear cable grommet.

- Spring-loaded latches; installed keylock option available
- Steel construction with a 23kg weight capacity
- Choice of black textured or brushed and anodized face finish
- TD8FLK model includes file hanging kit
- UL Listed

| Black Anodized Part # | Black Anodized Part # w/ Lock | Black Textured Part # | Black Textured Part # w/ Installed Lock | Racking Height      |
|-----------------------|-------------------------------|-----------------------|-----------------------------------------|---------------------|
| D2                    | D2LK                          | TD2                   | TD2LK                                   | 89mm (2 rackspace)  |
| D3                    | D3LK                          | TD3                   | TD3LK                                   | 133mm (3 rackspace) |
| D4                    | D4LK                          | TD4                   | TD4LK                                   | 178mm (4 space)     |
| D5                    | D5LK                          | TD5                   | TD5LK                                   | 222mm (5 space)*    |
|                       |                               |                       | TD8FLK*                                 | 356mm (8 space)     |

\*does not include drawer mat



D2



D4



## Economy Utility Drawers

The UD Series drawers offer an economical rack storage solution. Full extension ball bearing slides extend a full 356mm to reveal inside dimensions measuring 403mm wide by 368mm deep.

- Face formed drawer pulls; user-installed latch & keylock options
- Black powder coat finish
- Steel construction with 23kg weight capacity
- UL Listed

| Part # | Racking Height      |
|--------|---------------------|
| UD1*   | 44mm (1 rackspace)  |
| UD2    | 89mm (2 rackspace)  |
| UD3    | 133mm (3 rackspace) |
| UD4    | 178mm (4 space)     |

\* NOTE: UD1 does not accommodate a lock



UD2



UD4

## Lockboxes

Safely secure gear in a rackmount LBX Series lockbox. 432mm interior width.

- Steel construction with 23kg weight capacity
- UL Listed

| Part # | Racking Height  | Overall Depth |
|--------|-----------------|---------------|
| LBX-3  | 133mm (3 space) | 229mm         |
| LBX-4  | 178mm (4 space) | 229mm         |



LBX-3

## Media Partitions for Drawers

Partition your D, TD, and UD-Series drawers for media storage or for storing small parts and miscellaneous hardware. Easy snap-together fit, black color.

| 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 |



DVDP

## Additional Accessories for Drawers

### DM



- No-slip drawer mat

### KYLK



- User-installed UD keylock

### LATCH



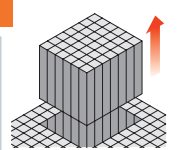
- User-installed UD latch

### ACC-KEY



- Additional set of keys for drawers & lockboxes

### FI-x\*



- Customizable foam inserts for 2, 3 & 4 RU drawers

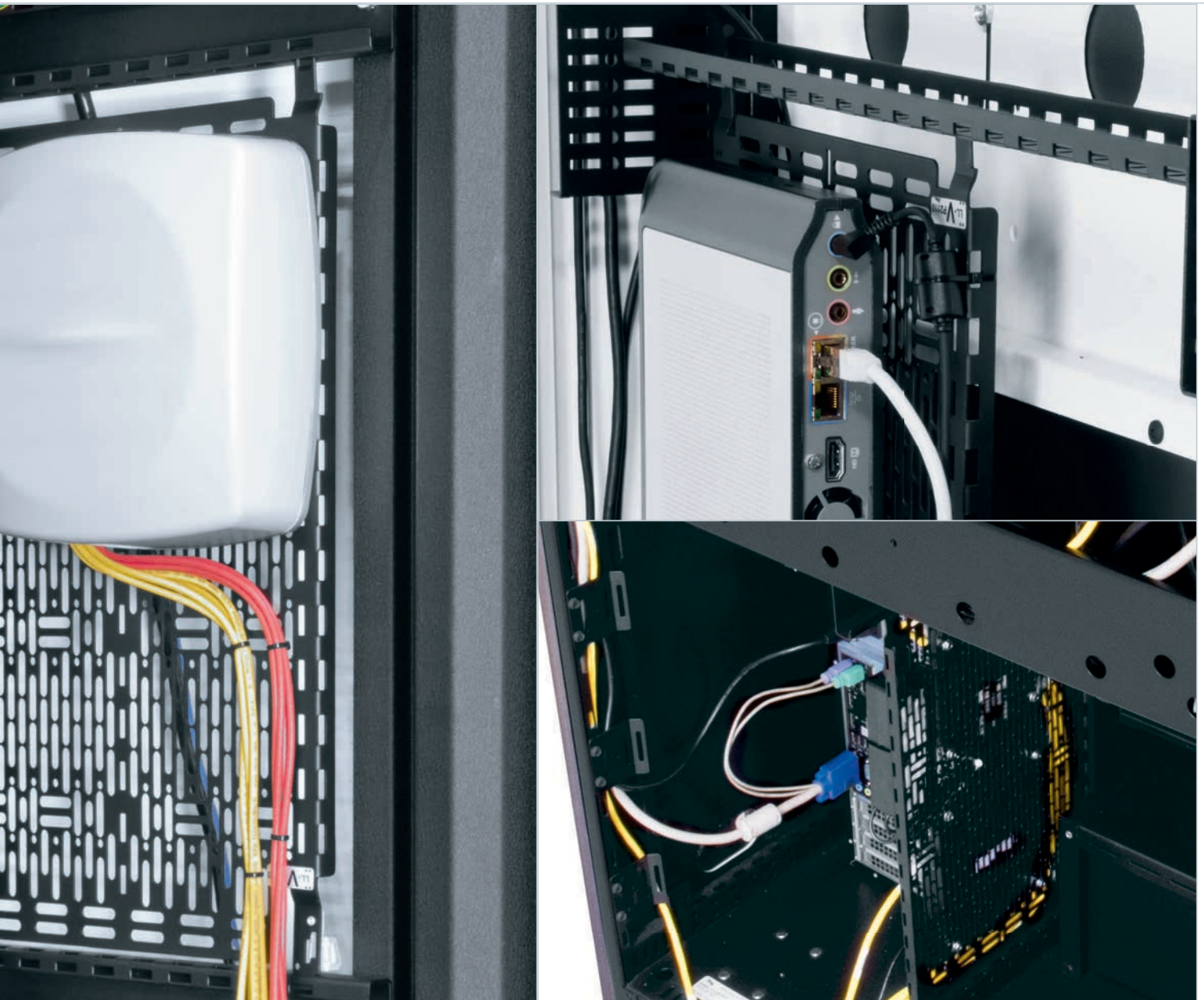
\* Replace x w/ RU of drawer



# lever lock™

Finally! A place to mount non-rackmount and small devices without sacrificing rackspace. Lever Lock™ is a unique and patented system that allows integrators to maximize space in a rack by mounting small devices in the “no man’s land” area between the rackrail and the side panel or rear. Also great for routing cables!

This tool-free system is comprised of plates and bars that can mount vertically and horizontally to



accommodate virtually any system. To date- over 9 product families accept Lever Lock and Middle Atlantic continues to add products each year. Just look for the “Lever Lock™ Ready” badge throughout the catalog or reference the chart on the following page.

Lever Lock™

206-207



## Internal Management System

The patent-pending Lever Lock™ internal management system maximizes space utilization within a rack or furniture. Uniquely designed to facilitate Lever Lock™ cable management and device mounting within the rack through the use of unique tool-free bars and accessory mounting plates.

- Maximizes space within a rack or furniture system
- Universal mounting pattern accommodates most small devices
- Locks in place without tools in Lever Lock™ compatible products (see chart below)
- Offered in a variety of sizes for vertical and horizontal mounting

| Part #    | 4 Pack Part # | Description                                                            |
|-----------|---------------|------------------------------------------------------------------------|
| LL-H2A21  |               | 559mm long horizontal 51mm off-set angle                               |
| LL-H4A21  |               | 559mm long horizontal 102mm off-set angle                              |
| LL-HA21   | LL-HA21-4     | 559mm long horizontal angle                                            |
| LL-HC21   | LL-HC21-4     | 559mm long horizontal channel                                          |
| LL-HR21   | LL-HR21-4     | 559mm long horizontal round                                            |
| LL-VA17   | LL-VA17-4     | 345mm long vertical angle                                              |
| LL-VA21   | LL-VA21-4     | 432mm long vertical angle                                              |
| LL-VC17   | LL-VC17-4     | 345mm long vertical channel                                            |
| LL-VC21   | LL-VC21-4     | 432mm long vertical channel                                            |
| LL-VDIN17 | LL-VDIN17-4   | 345mm long vertical DIN rail                                           |
| LL-VDIN21 | LL-VDIN21-4   | 432mm long vertical DIN rail                                           |
| LL-VP1710 |               | 345mm long vertical 254mm deep plate                                   |
| LL-VP2110 |               | 432mm long vertical 254mm deep plate                                   |
| LL-MP21   |               | 7 piece multipack includes (2) LL-VC21, (4) LL-HA21, and (1) LL-VP2110 |

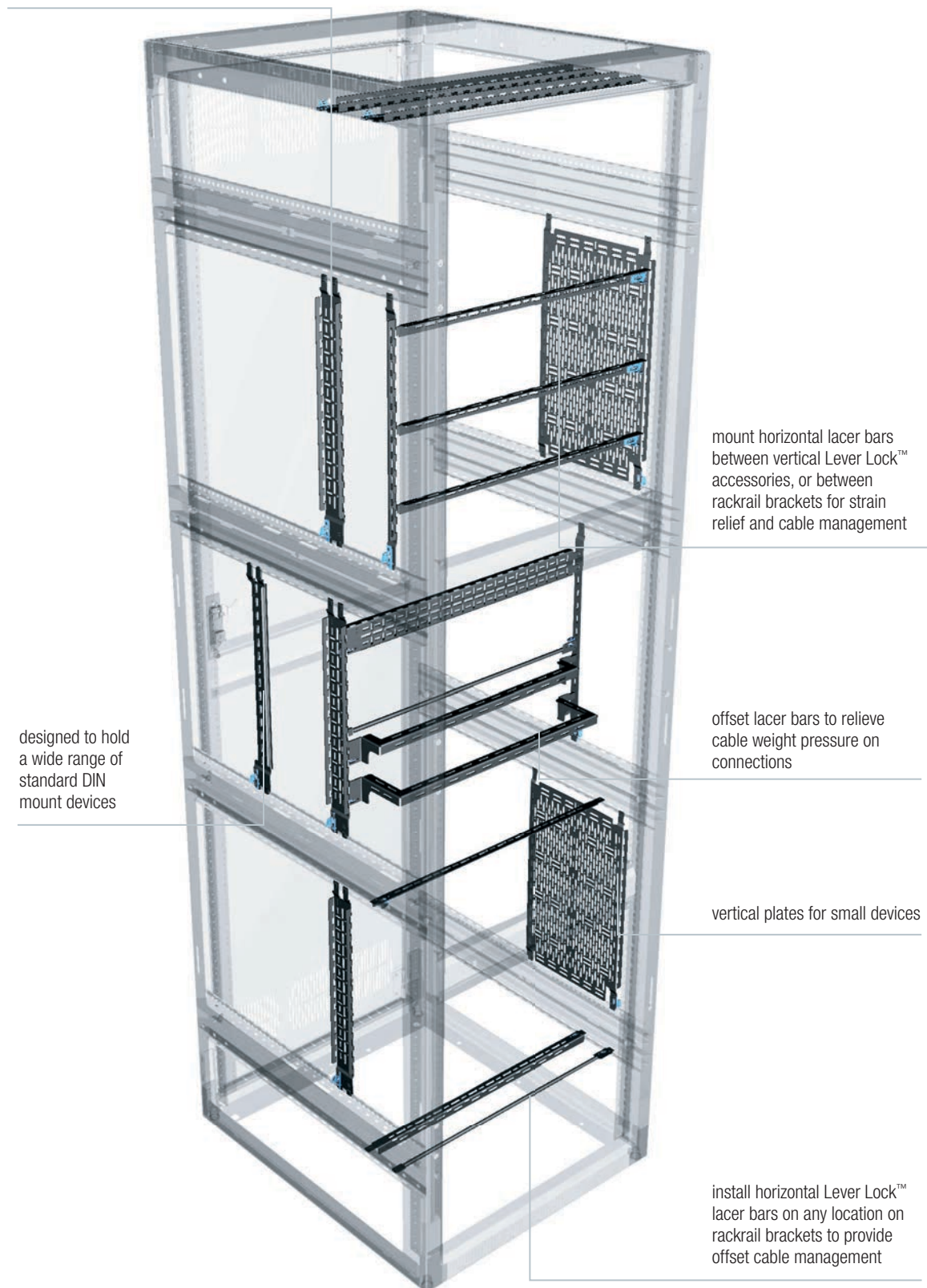
| Products Accepting Lever Lock™ | Pg. |
|--------------------------------|-----|
| BGR Series Racks               | 12  |
| SNE Series Racks               | 14  |
| BGR-MDK Series Racks           | 34  |
| RFR Series Racks               | 96  |
| DTRK Series Racks              | 110 |
| L5 Series Lecterns             | 136 |
| TechPed™ Technology Pedestal   | 138 |
| VTC Series Video Carts         | 154 |
| FlexView™ Video Carts          | 156 |

Look for the Lever Lock™ ready badge in the rack and furniture sections for compatible products.

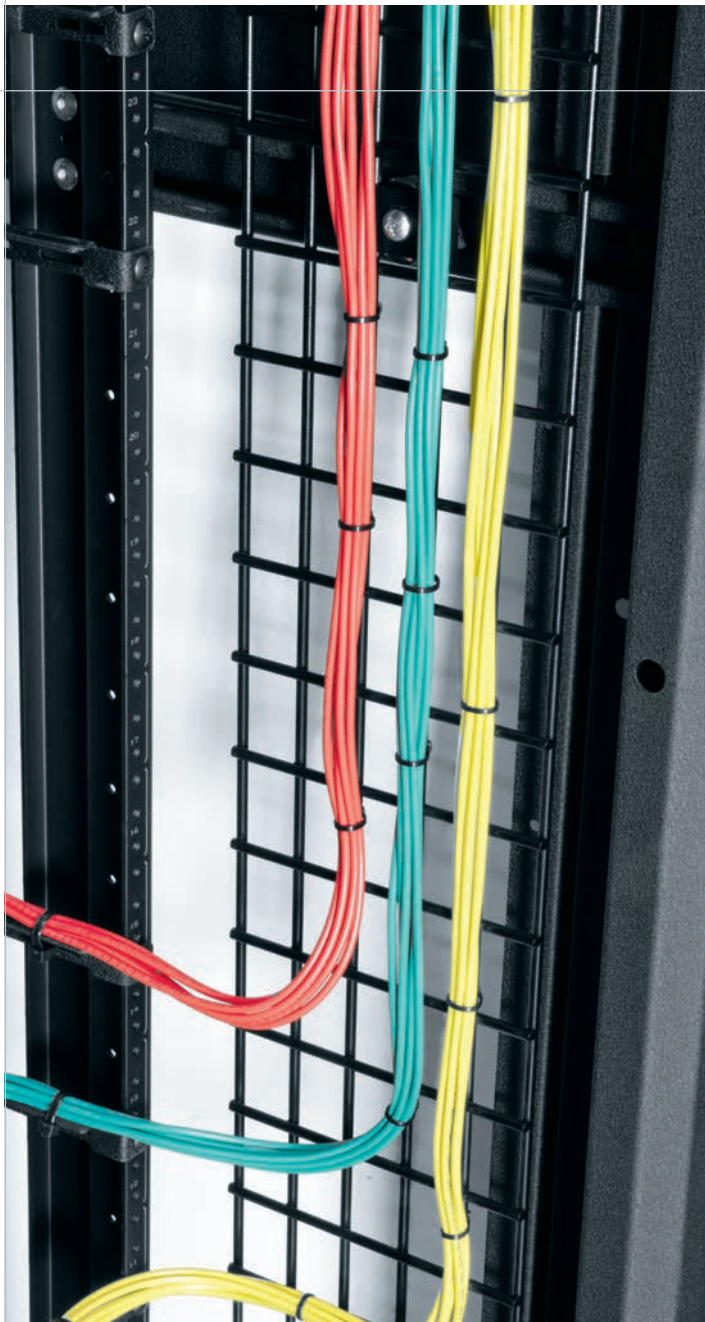




use vertical channels or  
angles to lace cable bundles  
from top to bottom

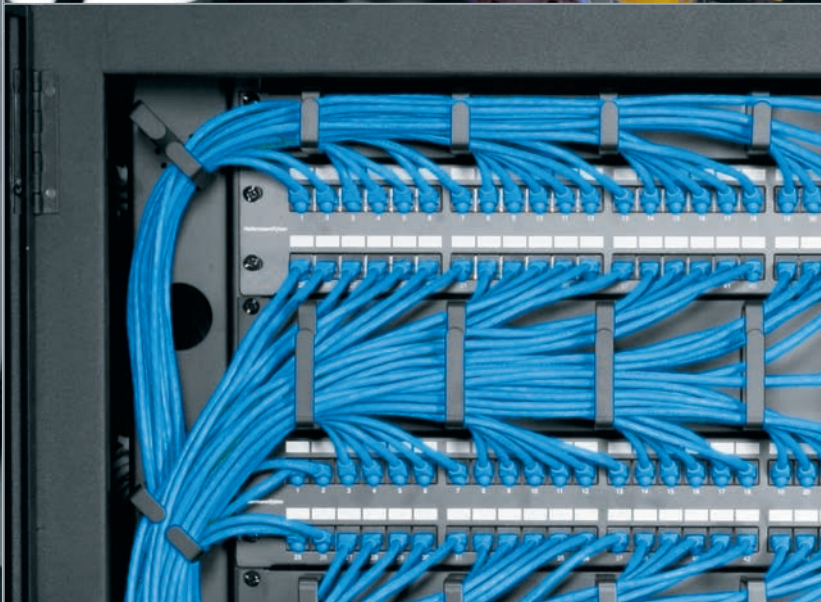


designed to hold  
a wide range of  
standard DIN  
mount devices



# cable management

System needs for cabling & connectivity is growing exponentially. The more cables, the more critical it becomes to manage the cable entry, exit and within the enclosure to obtain a neat, organized system- but more importantly, allows for proper airflow & thermal management. Middle Atlantic Products offers a range of cable support products to meet any system needs including vertical & horizontal options, ducts, ladders and all the accessories.



|                             |           |
|-----------------------------|-----------|
| Horizontal Cable Management | 210 - 213 |
| Vertical Cable Management   | 214       |
| Cable Ducts & Chases        | 215 - 216 |
| Cable Ladders               | 217 - 218 |
| Accessories                 | 219       |



## Horizontal Cable Management

Middle Atlantic Products offers a range of horizontal cable support products prevent cable strain by organizing and routing cables from rear component connections to the side of the rack.

### LBP Series, Horizontal Lacer Bars

Horizontal lacer bars provide cabling support in the region of the mounted equipment itself, carrying cables horizontally from the sides of the rack to the connection points.

- Choice of round, rectangular, and “L” shaped profiles
- Choice of straight and offset styles
- Steel construction with black powder coat finish (except rectangular lacing bars of aluminum construction)
- Sold in packs of 10 pieces

| Part #     | Shape       | Offset       | Quantity |
|------------|-------------|--------------|----------|
| LBP-1S*    | rectangular | —            | 10       |
| LBP-1R     | round       | —            | 10       |
| LBP-1R4    | round       | 102mm offset | 10       |
| LBP-1.5    | round       | 38mm offset  | 10       |
| LBP-1.5R90 | round       | 38mm offset  | 10       |
| LBP-4R90   | round       | 102mm offset | 10       |
| LBP-6R90   | round       | 152mm offset | 10       |
| LBP-10R90  | round       | 254mm offset | 10       |
| LBP-1A     | L-shaped    | —            | 10       |
| LBP-2A     | L-shaped    | 51mm offset  | 10       |
| LBP-4A     | L-shaped    | 102mm offset | 10       |
| LBP-6A     | L-shaped    | 152mm offset | 10       |

\*aluminum construction



LBP-1S



LBP-1R4



LBP-1A

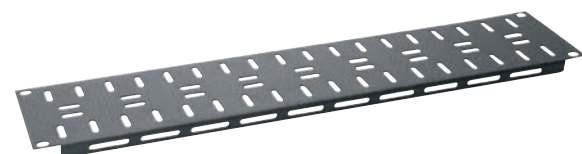


- cable management friendly hardware see pg. 240

### LBP Series, Horizontal Lacer Bars

- For large amounts of cable or mounting small devices

| Part #  | Racking Height | Quantity | Panel Width |
|---------|----------------|----------|-------------|
| UP1     | 44mm (1 space) | 1        | 483mm       |
| UP1P    | 44mm (1 space) | 10       | 483mm       |
| LBP-LTF | 89mm (2 space) | 10       | 483mm       |



LBP-LTF





## LB Series, Telescoping Lacer Bar System

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.

- Choice of adjustable models for side-to-side (LBH products) and front-to-back support (LBFR products)
- LBFR-5A lacer bars have similar function but are fixed length
- Steel construction with black powder coat finish
- Sold in packs of 2



LBH-1930-T



LBFR-5A-20

LBFR-2036-T  
shown extended

| Part #      | Description                                                        | Telescoping Range<br>(mounting hole to mounting hole) | Useable Depth of Rack<br>(requires rear rackrail) | Height | Pre-Pack<br>Quantity |
|-------------|--------------------------------------------------------------------|-------------------------------------------------------|---------------------------------------------------|--------|----------------------|
| LBH-1930-T  | horizontal telescoping lacer bar                                   | 483mm to 762mm                                        |                                                   | 44mm   | 2                    |
| LBFR-1626-T | front to rear telescoping lacer bar                                | 406mm to 660mm                                        | 518mm to 695mm                                    | 73mm   | 2                    |
| LBFR-2036-T | front to rear telescoping lacer bar                                | 508mm to 914mm                                        | 543mm to 949mm                                    | 73mm   | 2                    |
| LBFR-3650-T | front to rear telescoping lacer bar                                | 914mm to 1270mm                                       | 949mm to 1305mm                                   | 73mm   | 2                    |
| LBFR-5A-16  | front to rear lacer bar (fits SAX and SSAX racks)                  | 368mm only                                            | 406mm                                             | 73mm   | 2                    |
| LBFR-5A-20  | front to rear lacer bar (fits AXS, AX-SX, AX-SXR and SLIM 5 racks) | 461mm only                                            | 508mm                                             | 73mm   | 2                    |
| LBFR-5A-26  | front to rear lacer bar (fits AXS-26 and 660mm deep SLIM 5 racks)  | 613mm only                                            | 660mm                                             | 73mm   | 2                    |

## HCM Series, Horizontal Cable Managers

Organize patch cords and similar cabling while maintaining the a required bend radius. Available in a wide variety of styles to suit most applications. For optimal performance, do not exceed a 50% fill rate when passing cables through cable rings.

- Choice of styles including "D-ring" and "micro-clip"
- Choice of one and two space sizes
- Steel construction with black powder coat finish



HCM-1

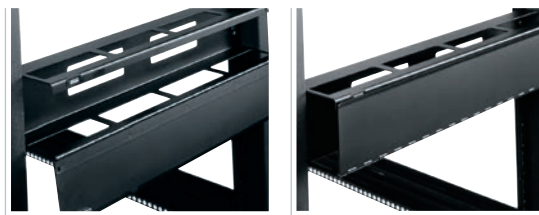


HCM-2DV



D-RING

| Part #  | Description                                           | Panel Width | Cable Rings Fill Area | End Rings Fill Area |
|---------|-------------------------------------------------------|-------------|-----------------------|---------------------|
| HCM-1   | 44mm (1 rackspace) "micro-clip" style                 | 483mm       | 22mm <sup>2</sup>     |                     |
| HCM-1V  | 44mm (1 rackspace) "micro-clip" style, w/ end D-Rings | 483mm       | 22mm <sup>2</sup>     | 190mm <sup>2</sup>  |
| HCM-1D  | 44mm (1 rackspace) "D-Ring" style                     | 483mm       | 83mm <sup>2</sup>     |                     |
| HCM-1DV | 44mm (1 rackspace) "D-Ring" style, w/ end D-Rings     | 483mm       | 83mm <sup>2</sup>     | 190mm <sup>2</sup>  |
| HCM-2D  | 89mm (2 rackspace) "D-Ring" style                     | 483mm       | 190mm <sup>2</sup>    |                     |
| HCM-2DV | 89mm (2 rackspace) "D-Ring" style, w/ end D-Rings     | 483mm       | 190mm <sup>2</sup>    | 190mm <sup>2</sup>  |
| HCM-1DR | 44mm (1 rackspace) "D-Ring", front & rear             | 483mm       | 159mm <sup>2</sup>    |                     |
| HCM-2DR | 89mm (2 rackspace) "D-Ring", front & rear             | 483mm       | 381mm <sup>2</sup>    |                     |
| D-RING  | wall mount/ rackmount "D-Ring"                        |             | 190mm <sup>2</sup>    |                     |



HHCM shown open

HHCM shown closed

## HHCM Series, Hinged Horizontal Cable Managers

Conceal patch cables while providing cable strain relief with the hinged horizontal cable managers.

- Hinged front panel has a magnetic closure
- Helps maintain the required bend radius
- Steel construction with black powder coat finish

| Part # | Racking Height     | Depth |
|--------|--------------------|-------|
| HHCM-1 | 44mm (1 rackspace) | 92mm  |
| HHCM-2 | 89mm (2 rackspace) | 92mm  |



PHCM typical

## PHCM Series, Horizontal Cable Managers

Ample cable pass-throughs provided for dressing cables above, below, to the sides and behind the cable manager.

- Matches and integrates well with PCD Series duct pg. 216
- Available in single and 4-packs

| Single Piece Part # | 4 Pack Part # | Description                                                            |
|---------------------|---------------|------------------------------------------------------------------------|
| PHCM-1-2            | PHCM-1-2-P4   | 1 rackspace (44mm) plastic finger horizontal cable manager, 51mm deep  |
| PHCM-1-4            | PHCM-1-4-P4   | 1 rackspace (44mm) plastic finger horizontal cable manager, 102mm deep |
| PHCM-2-3            | PHCM-2-3-P4   | 2 rackspace (89mm) plastic finger horizontal cable manager, 76mm deep  |



HCT application

## HCT Series, Horizontal Cable Tray

Handy horizontal cable tray mounts on any 483mm rack or cabinet and neatly routes cable bundles from side to side.

- Turn-downs on sides help maintain the required cable bend radius
- Steel construction with black powder coat finish

| Part # | Racking Height     |
|--------|--------------------|
| HCT-1  | 44mm (1 rackspace) |
| HCT-2  | 89mm (2 rackspace) |



HCT-1



### BR Series, Brush Grommet Cable Pass-Through Panel

The brush grommet panel provides a clean, organized cable entry method when mounted above any work surface. Also fits in opening on all MW Series top options.

- Built-in cable management tray
- Steel construction with black powder coat finish

| Part # | Racking Height     |
|--------|--------------------|
| BR1    | 44mm (1 rackspace) |
| BR2    | 89mm (2 rackspace) |



BR1 application

### PCS Series, Horizontal Fiber/ Cable Spools

These spools are designed to protect system performance by maintaining the bend radius of fiber and other high-speed cables within a rack or at a patching/distribution location.

- Ideal for managing excess fiber or copper cable slack within a rack
- Durable black resin construction
- 2 space panels include 2 spools which can rotate in 90° intervals
- 4 piece models include mounting hardware and brackets to make a complete circle

| Part #   | Depth     | Type          |
|----------|-----------|---------------|
| PCS-1-2H | 35mm deep | 2 space panel |
| PCS-1-4  | 35mm deep | 4 pieces      |
| PCS-3-2H | 76mm deep | 2 space panel |
| PCS-3-4  | 76mm deep | 4 pieces      |



PCS-3-2H



PCS spools



## Vertical Cable Management

Middle Atlantic Products offers a range of vertical cable support products to prevent cable strain by organizing and routing cables along side the rack. Properly dressed installations not only look better, but better support the thermal management strategy and make ongoing maintenance and changes easier.



OWP Series  
LACE-44-OWP



OP Series  
LACE-40-OP



LP Series  
LACE-44LP



P Series  
LACE-P



1SP Series  
LACE-44-1SP



1P Series  
LACE-441P



WB6 Series  
LACE-WB6-24

|        |               |                 |       |                                                     |     | Compatible Cable Management Options |                |                 |                      |
|--------|---------------|-----------------|-------|-----------------------------------------------------|-----|-------------------------------------|----------------|-----------------|----------------------|
| Series | Part #        | Racking Height  | Width | Tie Points                                          | Qty | Cable Ties                          | TWS<br>Pg. 219 | TW12<br>Pg. 219 | Cage Nuts<br>Pg. 240 |
| OWP    | LACE-5254-OWP | 52-54 rackspace | 121mm | mixed slip-on posts, cage nut holes and round holes | 6   | ✓                                   | ✓              | ✓               | ✓                    |
|        | LACE-44-OWP   | 44 rackspace    | 121mm | mixed slip-on posts, cage nut holes and round holes | 6   | ✓                                   | ✓              | ✓               | ✓                    |
|        | LACE-40-OWP   | 40 rackspace    | 121mm | mixed slip-on posts, cage nut holes and round holes | 6   | ✓                                   | ✓              | ✓               | ✓                    |
|        | LACE-37-OWP   | 37 rackspace    | 121mm | mixed slip-on posts, cage nut holes and round holes | 6   | ✓                                   | ✓              | ✓               | ✓                    |
|        | LACE-23-OWP   | 23 rackspace    | 121mm | mixed slip-on posts, cage nut holes and round holes | 6   | ✓                                   | ✓              | ✓               | ✓                    |
|        | LACE-13-OWP   | 13 rackspace    | 121mm | mixed slip-on posts, cage nut holes and round holes | 6   | ✓                                   | ✓              | ✓               | ✓                    |
| OP     | LACE-5254-OP  | 52-54 rackspace | 83mm  | mixed slip-on posts, cage nut holes and round holes | 6   | ✓                                   | ✓              | ✓               | ✓                    |
|        | LACE-44-OP    | 44 rackspace    | 83mm  | mixed slip-on posts, cage nut holes and round holes | 6   | ✓                                   | ✓              | ✓               | ✓                    |
|        | LACE-40-OP    | 40 rackspace    | 83mm  | mixed slip-on posts, cage nut holes and round holes | 6   | ✓                                   | ✓              | ✓               | ✓                    |
|        | LACE-37-OP*   | 37 rackspace    | 83mm  | mixed slip-on posts, cage nut holes and round holes | 6   | ✓                                   | ✓              | ✓               | ✓                    |
|        | LACE-23-OP    | 23 rackspace    | 83mm  | mixed slip-on posts, cage nut holes and round holes | 6   | ✓                                   | ✓              | ✓               | ✓                    |
|        | LACE-13-OP    | 13 rackspace    | 83mm  | mixed slip-on posts, cage nut holes and round holes | 6   | ✓                                   | ✓              | ✓               | ✓                    |
| LP     | LACE-37LP     | 37 rackspace    | 89mm  | raised cable tie points                             | 6   | ✓                                   |                | ✓               |                      |
|        | LACE-44LP     | 44 rackspace    | 89mm  | raised cable tie points                             | 6   | ✓                                   |                | ✓               |                      |
| P      | LACE-P        | 45 rackspace    | 51mm  | round holes                                         | 6   | ✓                                   | ✓              |                 |                      |
|        | LACE-37P      | 37 rackspace    | 51mm  | round holes                                         | 6   | ✓                                   | ✓              |                 |                      |
|        | LACE-13P      | 13 rackspace    | 51mm  | round holes                                         | 6   | ✓                                   | ✓              |                 |                      |
| 1SP    | LACE-44-1SP   | 44 rackspace    | 25mm  | 10 pre-installed tie saddles                        | 6   | ✓                                   | inc.           | ✓               |                      |
| 1P     | LACE-44-1P    | 44 rackspace    | 25mm  | tie saddles                                         | 6   | ✓                                   | ✓              |                 |                      |
|        | LACE-37-1P    | 37 rackspace    | 25mm  | tie saddles                                         | 6   | ✓                                   | ✓              |                 |                      |
| WB6    | LACE-WB6-24   | 24 rackspace    | 152mm | vertical wire grid lace                             | 1   |                                     |                |                 |                      |
|        | LACE-WB6-42   | 42 rackspace    | 152mm | vertical wire grid lace                             | 1   |                                     |                |                 |                      |
|        | LACE-WB6-45   | 45 rackspace    | 152mm | vertical wire grid lace                             | 1   |                                     |                |                 |                      |



## External Vertical Cable Ducts

Every model has plenty of cable egress points for control of cable locations and bend radius. Plastic models are economical and fingers can be easily removed for larger bundle exit. Metal models are sturdy steel construction for years of dependable service.

### VCD Series, Vertical Steel Wire Cable Ducts

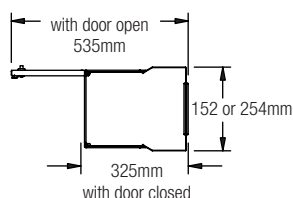
Designed to organize and protect cabling next to or between racks. Smooth, steel cable fingers are placed in rackspace increments for complete control of access locations.

- Organizes cable pathways while protecting bend radius
- Choice of single and dual duct (front and rear channels)
- Sturdy all-steel construction with black powder coat finish, incl. locking steel doors
- UL Listed

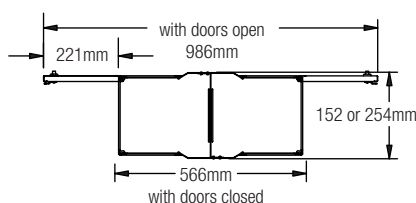
| 254mm Wide Part # | 152mm Wide Part # | Description                                    | All VCD Ducts Work with |               |
|-------------------|-------------------|------------------------------------------------|-------------------------|---------------|
| VCD-10-51-SC      | VCD-6-51-DC       | 2438mm (51 rackspace) single cable duct system | MK & RL Series          | pg. 116 & 118 |
|                   | VCD-6-45-DC       | 2134mm (45 rackspace) dual cable duct system   | RLA Series              | pg. 118       |
| VCD-10-45-SC      | VCD-6-45-SC       | 2134mm (45 rackspace) single cable duct system | R4 Series               | pg. 114       |



VCD-10-45-DC



single duct dimensions



dual duct dimensions



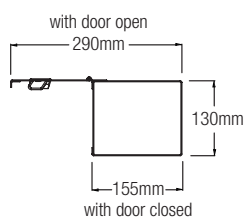
sturdy metal fingers designed to provide support with generous capacity

### RLA-CC Series, Vertical Cable Duct with Hinged Door

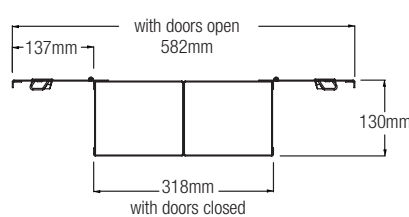
- Solid hinged front door with 3-point magnetic latch

| Part #  | Description                              | All RLA-CC Ducts Work with             |
|---------|------------------------------------------|----------------------------------------|
| RLA-CC* | 2134mm (45 space) duct with hinged cover | 45 space MK, R2, RL, RLA and R4 Series |

\*Order 2 single ducts to make an economical dual channel organizer



RLA-CC



2 RLA-CC's mounted back to back



RLA-CC features a full-length hinged access door



R2-44S shown with RLA-CC

### CK Series, Vertical Steel Cable Ducts

- Includes convenient cable lacing points
- Mounts on MK, RL, RLA, R2 and R4 Series
- Optional split lift-off covers enhance appearance and block dust
- Rugged steel construction with black powder coat finish

| Part # | Description                                   |
|--------|-----------------------------------------------|
| CK-45  | 45 rackspace center organizer                 |
| CK-45E | 45 rackspace end organizer                    |
| CK-45C | 45 rackspace split, lift-off cover - 2 pieces |



CK-45 application



PCD single duct



PCD-1.5X2-4BK

## PCD Series, Vertical Plastic Cable Ducts

Plastic cable ducts provide a cost-effective solution for protecting, routing, and organizing cables and cords.

- Slotted plastic finger design for horizontal cable access exactly where needed
- Fingers can easily be removed to create larger openings
- Plastic covers are included
- Matches and integrates well with PHCM Series horizontal cable managers pg. 212

| Part #         | Racking Height                                                                             | Size              | Type   | Application                                                          |
|----------------|--------------------------------------------------------------------------------------------|-------------------|--------|----------------------------------------------------------------------|
| PCD-2-3-8SC    | 8 rackspaces                                                                               | 51mm w X 76mm d   | single | mounting to small, open frame wall racks like SFR Series (pg.70)     |
| PCD-2-3-12SC   | 12 rackspaces                                                                              | 51mm w X 76mm d   | single |                                                                      |
| PCD-2-3-15SC   | 15 rackspaces                                                                              | 51mm w X 76mm d   | single |                                                                      |
| PCD-2-3-20SC   | 20 rackspaces                                                                              | 51mm w X 76mm d   | single |                                                                      |
| PCD-2-3-25SC   | 25 rackspaces                                                                              | 51mm w X 76mm d   | single |                                                                      |
| PCD-2-3-30SC   | 30 rackspaces                                                                              | 51mm w X 76mm d   | single |                                                                      |
| PCD-2-3-38SC   | 38 rackspaces                                                                              | 51mm w X 76mm d   | single | mounting to side and/or between 2- and 4- post racks (pg. 114 - 119) |
| PCD-3-3-38SC*  | 38 rackspaces                                                                              | 76mm w X 76mm d   | single |                                                                      |
| PCD-3-6-38DC*  | 38 rackspaces                                                                              | 76mm w X 152mm d  | dual   |                                                                      |
| PCD-4-4-38SC*  | 38 rackspaces                                                                              | 102mm w X 102mm d | single |                                                                      |
| PCD-4-8-38DC*  | 38 rackspaces                                                                              | 102mm w X 203mm d | dual   |                                                                      |
| PCD-2-3-45SC   | 45 rackspaces                                                                              | 51mm w X 76mm d   | single |                                                                      |
| PCD-3-3-45SC*  | 45 rackspaces                                                                              | 76mm w X 76mm d   | single |                                                                      |
| PCD-3-6-45DC*  | 45 rackspaces                                                                              | 76mm w X 152mm d  | dual   |                                                                      |
| PCD-4-4-45SC*  | 45 rackspaces                                                                              | 102mm w X 102mm d | single |                                                                      |
| PCD-4-8-45DC*  | 45 rackspaces                                                                              | 102mm w X 203mm d | dual   |                                                                      |
| PCD-2-3-51SC   | 51 rackspaces                                                                              | 51mm w X 76mm d   | single | mounts behind rackrail                                               |
| PCD-1.5X2-4BK  | plastic cable duct with cover, 38mm w x 51mm d x 1829mm, qty. of 4,                        |                   |        |                                                                      |
| PCD-1.5X4-4BK  | plastic cable duct with cover, 38mm w x 102mm d x 1829mm, qty. of 4,                       |                   |        |                                                                      |
| PCDB-90-1.5-12 | brackets to mount plastic cable ducts, orients duct to face front/rear of rack, qty. of 12 |                   |        |                                                                      |

\*Plastic cable ducts can mount in between two racks, for 38 rackspace and higher sizes only



CC-44-312

## CC Series, Vertical Steel Wire Cable Ducts

Steel cable chases are designed for use between ganged racks to provide ample space for routing cables.

- 102mm width provides ample space for cable routing
- Steel construction with black powder coat finish
- Accept SPN Series side panels
- Custom width chases available, call for details
- Kits include front & rear vertical channels and solid top cover

|      | Part #    | Kit Description               | Fits                                         |
|------|-----------|-------------------------------|----------------------------------------------|
| Kits | CC-40-267 | 1778mm (40 Space) cable chase | WRK-40-27, MRK-4026                          |
|      | CC-40-312 | 1778mm (40 Space) cable chase | WRK-40-32, MRK-4031                          |
|      | CC-44-36  | 1956mm (44 Space) cable chase | MRK-4436, DRK19-44-36, VRK-44-36H            |
|      | CC-44-312 | 1956mm (44 Space) cable chase | WRK-44-32, MRK-4431, VRK-44-31H, DRKXX-44-31 |
|      | CC-44-267 | 1956mm (44 Space) cable chase | WRK-44-27, MRK-4426                          |
|      | CC-44-423 | 1956mm (44 Space) cable chase | MRK-4442, DRKXX-44-42                        |

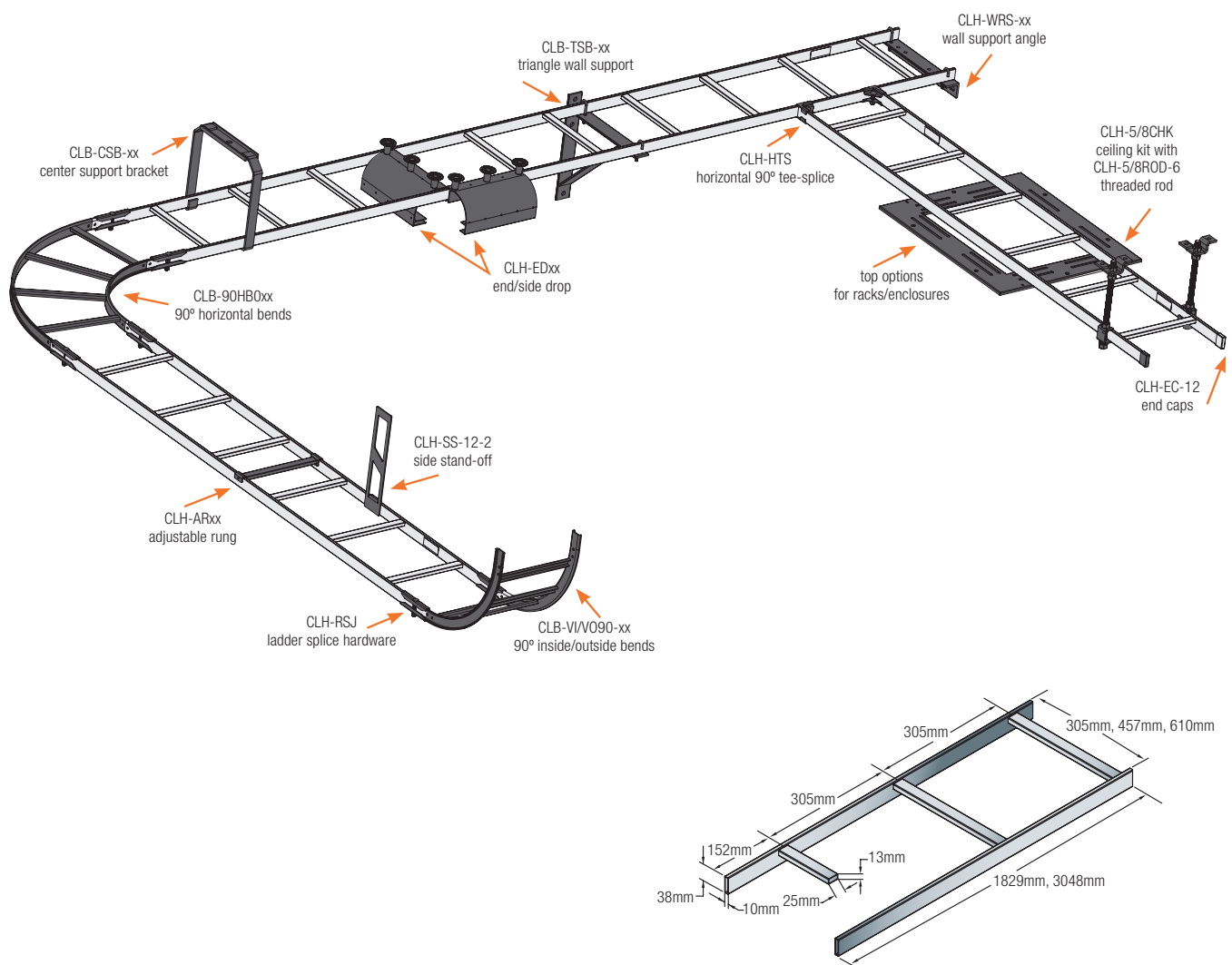


## Cable Ladders

Cable ladder systems are the gold standard for managing cable-heavy installations. Middle Atlantic offers a complete cable ladder system to keep large overhead bundles neat and organized while preventing unnecessary cable strain.

A complete line of 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.

- Available in 305mm, 457mm, and 610mm widths
- UL Listed

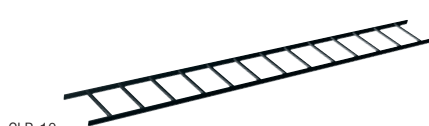




## Cable Ladder Hardware and Accessories

- A complete line of splice hardware, cable ladder drops, support brackets, and other compatible fittings to complete a cable support ladder installation

## Ladder Sections



CLB-10



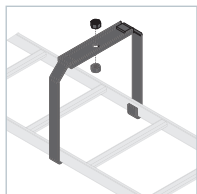
CLB-90HB



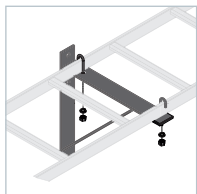
CLB-VI90

| 305mm Wide Bulk Packs | 305mm Wide Part # | 457mm Wide Part # | 610mm Wide Part # | Description                                |
|-----------------------|-------------------|-------------------|-------------------|--------------------------------------------|
| CLB-6-12 (12 pieces)  | CLB-6             | CLB-6-W18         | CLB-6-W24         | 1829mm long straight ladder section, black |
| CLB-10-12 (12 pieces) | CLB-10            | CLB-10-W18        | CLB-10-W24        | 3048mm long straight ladder section, black |
|                       | CLB-90HB          | CLB-90HB-W18      | CLB-90HB-W24      | 90° horizontal bend, black                 |
|                       | CLB-VI90          | CLB-VI90-W18      | CLB-VI90-W24      | 90° vertical inside bend, black            |
|                       | CLB-VO90          | CLB-VO90-W18      | CLB-VO90-W24      | 90° vertical outside bend, black           |

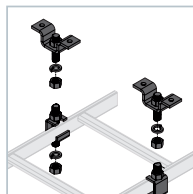
## Wall/Ceiling Mounts - black finish



CLB-CSB



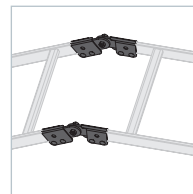
CLB-TSB



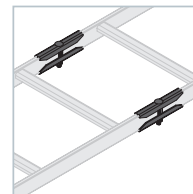
CLH-5/8CHK

| 305mm Wide 6 Packs | 305mm Wide Part#          | 457mm Wide Part# | 610mm 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                | CLH-5/8CHK       | CLH-5/8CHK       | 16mm slotted ceiling kit, fits all widths      |
|                    | CLH-5/8ROD-12-4           | CLH-5/8ROD-12-4  | CLH-5/8ROD-12-4  | 305mm long section 16mm threaded rod, 4 pieces |
|                    | CLH-5/8ROD-6              | CLH-5/8ROD-6     | CLH-5/8ROD-6     | 1829mm long section 16mm threaded rod, 1 piece |
| CLH-RES-6          | CLH-RES                   | CLH-RES          | CLH-RES          | ladder end support hardware, fits all widths   |
| CLH-RWC-6          | CLH-RWC                   | CLH-RWC          | CLH-RWC          | ladder wall clamp, fits all widths             |

## Junction &amp; Splice Hardware - black finish



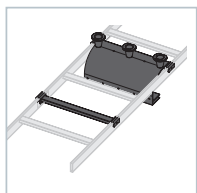
CLH-ADJT



CLH-RSJ

| Part #    | Quantity | Description                           |
|-----------|----------|---------------------------------------|
| CLH-ADJH  | 1 pair   | 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    |
| CLH-HTS-6 | 6 pairs  | horizontal 90° tee splice hardware    |
| CLH-ADJT  | 1 pair   | adjustable ladder end splice hardware |
| CLH-90T   | 1 pair   | adjustable 90° tee splice hardware    |

## Side, End Drops and Adjustable Rungs



CLH-ARD12

| 305mm Wide Bulk Packs | 305mm Wide Part# | 457mm Wide Part# | 610mm Wide Part# | Description                                      |
|-----------------------|------------------|------------------|------------------|--------------------------------------------------|
|                       | CLH-AR12         | CLH-AR18         | CLH-AR24         | adjustable rung (no drop)                        |
|                       | CLH-ARD12        | CLH-ARD18        | CLH-ARD24        | adjustable rung drop with spools                 |
| CLH-ED11-4            | CLH-ED11         | CLH-ED17         | CLH-ED23         | end drop with spools                             |
|                       | CLH-ED5          | CLH-ED5          | CLH-ED5          | 127mm wide end drop with spools, fits all widths |
|                       | CLH-ED8          | CLH-ED8          | CLH-ED8          | 203mm wide end drop with spools, fits all widths |
| CLH-SD8-4             | CLH-SD8          | CLH-SD8          | CLH-SD8          | 203mm wide end drop with spools, fits all widths |

## Accessories

| Part #          | Description                                                  |
|-----------------|--------------------------------------------------------------|
| CL-GK           | cable ladder bonding kit                                     |
| CLH-EC-12       | cable ladder end caps (12 pieces)                            |
| CLH-JBOLT       | 8mm J-bolts and nuts (1 pair)                                |
| CLH-SPOOL-10    | cable management spools (10 pieces)                          |
| CLH-5/8ROD-12-4 | 305mm long section 16mm threaded rod, 4 pieces               |
| CLH-5/8ROD-6    | 1829mm long section 16mm threaded rod, 1 piece               |
| CLH-SS-12-2     | 305mm high, side stand-off, 2 pieces                         |
| CLH-ELS5/7      | cable ladder elevation kit, 127-178mm                        |
| CLH-ELS8/12     | cable ladder elevation kit, 203-305mm                        |
| CLH-ELS13/18    | cable ladder elevation kit, 330-457mm                        |
| MK-LA           | ladder adapter kit for MKR-19-45-RL and RLA Series           |
| MW-LA           | top option for DRK, MRK, WRK, VRK and VMRK Series enclosures |



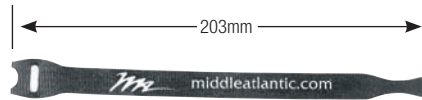
## Cable Management Accessories

Products in this section provide additional support and protection to cable management systems.

### Cable Management Straps

Reusable cable management straps are made from Velcro® and are perfect for managing cables that are sensitive to strain. This is because they are wider and softer than common wire ties, and therefore are less likely to cause pinching damage to the cables.

- Wide straps fasten cables without pinching
- Genuine Velcro® construction
- Straps are 203mm long
- Sold in packs of 12 pieces



TW12

| Part # | Description                                | Quantity |
|--------|--------------------------------------------|----------|
| TW12   | 203mm cable/wire management Velcro® straps | 12       |

### Protective Grommets

Grommets protect cables passing through knockouts or any possible pinch point.

- Protects cables when passing sharp edges
- Available in several styles to match rack knockouts
- Flexible grommet material can also be used on most metal edges up to 3mm thick



GK4 grommet ring

| Part #  | Description                     | Quantity |
|---------|---------------------------------|----------|
| GK-1X7G | 25mm x 178mm gland grommet ring | 4        |
| GK-3G   | 76mm gland grommet ring         | 4        |
| GK-4G   | 102mm gland grommet             | 4        |
| GK4     | 102mm grommet ring              | 4        |
| GR-30   | Flexible black grommet material | 9144mm   |



GR-30



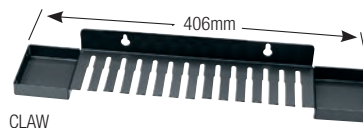
GK-4G gland grommet

### Cable 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.

- Hanging cable storage is fast and convenient
- Available with or without side trays for storing small items
- Steel construction with black powder coat finish

| Part # | Dimensions                        |
|--------|-----------------------------------|
| CLAW   | 406mm w x 89mm d, with side trays |
| CLAW14 | 356mm w x 89mm d                  |



CLAW



CLAW application

### Brackets and Tie Points

Middle Atlantic offers several handy bracket and tie point models that can be used to secure cables

| Part # | Description            | Quantity |
|--------|------------------------|----------|
| CMB-6  | cable manager brackets | 6        |
| TSW-15 | cable tie saddle       | 15       |



CMB-6



TSW-15 application



# thermal management

Thermal Management plays a critical role in overall system reliability because heat has been proven to substantially reduce the service life of most equipment. Maintaining the recommended constant operating temperature for most equipment (max 85°) will help provide a long service life for the equipment inside an enclosure. Why 85°? Most studies have shown that for every 10° rise, digital equipment life is reduced by approximately 40%!



Middle Atlantic offers a wide range of cooling products to meet the needs of nearly any environment. We offer a full selection of quiet, thermostatic and proportionally controlled cooling options that save energy.

Thermal Management

222 - 227



UQFP-4D



UQFP-4RT



IUQFP-4DRA  
designer look and finish

## IUQFP/UQFP Series, Ultra Quiet Fan Panels

These award-winning premium cooling panels are quiet and effective. Ideal for cooling smaller systems in visible locations such as living spaces and AV studios. Designer versions also feature dimmable displays and have a black brushed and anodized finish.

- Compact two-space size saves rackspace
- Thermostatic, proportional speed fan control is quiet and saves energy
- Includes local and remote overtemp notification for system reliability
- Choice of black powder coat or black brushed and anodized finish

## Certifications

- CE

## Power Solutions



100VAC – 2240VAC | 50/60Hz Compatible

| 120V<br>Part # | 240V<br>Part # | Racking<br>Height | # of<br>Fans | Overtemp Notification |               |        | User<br>Definable<br>Overtemp<br>Setting | Fan Failure<br>Notification<br>Local & Remote<br>Display | Free Air<br>Rating | Max<br>Sound<br>Level | Finish                       | Aesthetics |
|----------------|----------------|-------------------|--------------|-----------------------|---------------|--------|------------------------------------------|----------------------------------------------------------|--------------------|-----------------------|------------------------------|------------|
|                |                |                   |              | Local LED             | Local Display | Remote |                                          |                                                          |                    |                       |                              |            |
| UQFP-2         | IUQFP-2        | 89mm (2 space)    | 2            | ✓                     | -             | ✓      | -                                        | -                                                        | 50 CFM             | 24 dB                 | black powder coat            | basic      |
| UQFP-2D        | IUQFP-2D       | 89mm (2 space)    | 2            | ✓                     | ✓             | ✓      | ✓                                        | ✓                                                        | 50 CFM             | 24 dB                 | black powder coat            | basic      |
| UQFP-4         | IUQFP-4        | 89mm (2 space)    | 4            | ✓                     | -             | ✓      | -                                        | -                                                        | 100 CFM            | 27 dB                 | black powder coat            | basic      |
| UQFP-4D        | IUQFP-4D       | 89mm (2 space)    | 4            | ✓                     | ✓             | ✓      | ✓                                        | ✓                                                        | 100 CFM            | 27 dB                 | black powder coat            | basic      |
| UQFP-4DRA      | IUQFP-4DRA     | 89mm (2 space)    | 4            |                       | dimmable      | ✓      | ✓                                        | ✓                                                        | 100 CFM            | 27 dB                 | black, brushed<br>& anodized | designer   |
| UQFP-4RA       | IUQFP-4RA      | 89mm (2 space)    | 4            |                       |               | ✓      |                                          |                                                          | 100 CFM            | 27 dB                 | black, brushed<br>& anodized | designer   |
| UQFP-4RA-I/O** |                | 178mm (4 space)** | 8            |                       |               |        |                                          |                                                          | 100 CFM            | 30 dB                 | black, brushed<br>& anodized | designer   |
| UQFP-4RIS***   |                | 89mm (2 space)    | 4            |                       |               |        |                                          |                                                          | 100 CFM            | 27 dB                 | black, brushed<br>& anodized | designer   |
| UQFP-4RT       |                | 89mm (2 space)    | 4            |                       |               |        |                                          |                                                          | 100 CFM            | 27 dB                 | black powder coat            | basic      |

\*\*Includes two fan panels (one for intake, one for exhaust) plus connecting cable \*\*\*Intake unit can be added to existing UQFP installations



### QFP Series, Quiet Fan Panels/Assemblies

These fan panel assemblies provide quiet cooling for demanding environments.

- Occupies 3 rackspaces
- Comes complete with fan(s) and grille(s) installed; cord and plug included
- Choice of black powder coat or black brushed and anodized finish



QFP-1



QTFP-2

#### Power Solutions



100VAC

| 120V Anodized Part # | 120V Textured Part # | 240V Anodized Part # | 240V Textured Part # | # of Fans | Free Air Rating | Racking Height   | Max Sound Level |
|----------------------|----------------------|----------------------|----------------------|-----------|-----------------|------------------|-----------------|
| QFP-1                | QTFP-1               | QFP-1-119            | QTFP-1-119           | 1         | 50 CFM          | 133mm (3 spaces) | 30 dB           |
| QFP-2                | QTFP-1               | QFP-2-119            | QTFP-2-119           | 2         | 100 CFM         | 133mm (3 spaces) | 33 dB           |

### QBP Series, Quiet Blower Panels

This unique product series from Middle Atlantic uses a pair of our custom-designed blowers to move up to 100 CFM of cooling air quietly in only one rackspace! Intelligent proportional speed control, and high static pressure to maintain airflow even through crowded rackspace.

- Compact one-space unit saves rackspace
- Choice of black powder coat or black brushed and anodized finish
- Half rack size available



QBP-2



HR-QBP-1

#### Certifications

- CE

#### Power Solutions



100VAC – 2240VAC | 50/60Hz Compatible

| 120V Part # | 240V Part # | Black Finish | # of Blowers | Max Sound Level | Free Air Rating | Racking Height | Overall Width |
|-------------|-------------|--------------|--------------|-----------------|-----------------|----------------|---------------|
| QBP-2A      | IQBP-2A     | Anodized     | 2            | 32 dB           | 100 CFM         | 44mm (1 space) | 483mm         |
| QBP-2       | IQBP-2      | Flat         | 2            | 32 dB           | 100 CFM         | 44mm (1 space) | 483mm         |
| HR-QBP-1*   |             | Anodized     | 1            | 32 dB           | 50 CFM          | 44mm (1 space) | 264mm         |

\*For half racks, such as HRF, see pg. 106



PDCOOL-1015RA



front



rear

PDCOOL-1115R

## PowerCool Series, Power and Cooling

A single rackspace power distribution unit featuring ultra-quiet, powerful cooling, the PowerCool™ Series utilizes proportional speed blower control to run efficiently and save energy.

- 15, 20 Amps available
- 50 CFM free air rating
- Key switch model available for additional security



### Power Solutions



100VAC



| Part #        | Description                                           | # of Outlets | Amperage | Free Air Rating | Surge Protection | Racking Height | Max Sound Level | Finish                   |
|---------------|-------------------------------------------------------|--------------|----------|-----------------|------------------|----------------|-----------------|--------------------------|
| PDCOOL-1015RA | power distribution unit                               | 10           | 15       | 50 CFM          | Yes, two-stage   | 44mm (1 space) | 29 dB           | black brushed & anodized |
| PDCOOL-1020RK | power distribution unit with key switch               | 10           | 20       | 50 CFM          | Yes, two-stage   | 44mm (1 space) | 29 dB           | flat black               |
| PDCOOL-1115R  | power distribution unit with front convenience outlet | 11           | 15       | 50 CFM          | Yes, two-stage   | 44mm (1 space) | 29 dB           | flat black               |
| PDCOOL-1120R  | power distribution unit with front convenience outlet | 11           | 20       | 50 CFM          | Yes, two-stage   | 44mm (1 space) | 29 dB           | flat black               |



FTA-3

## FTA Series, Fan Tray System

Locates fans directly above hot equipment to help supplement rack cooling systems by moving hot air in the right direction.

- Uses 102mm DC fans for quiet operation
- 8 fan mounting positions and optional add-on fan to position fans where needed
- Energy-saving thermostatic control
- Adjustable mounting range of 457-813mm
- Compact one-space unit saves rackspace
- Ideal for use with VRS vented rackmount shelf, pg. 196

| 120V Part # | 240V Part # | Description         | Free Air Rating |
|-------------|-------------|---------------------|-----------------|
| FTA-3       | IFTA-3      | 3 fan tray          | 207 CFM         |
| FTA-6       | IFTA-6      | 6 fan tray          | 414 CFM         |
| FT-FAN      | -           | add-on 102mm DC fan | 69 CFM          |

### Power Solutions



100VAC – 2240VAC | 50/60Hz Compatible



## Decora® Mount Temperature Display

These displays monitor internal enclosure temperature, providing an LED readout.

- Includes plug-in power supply
- Includes temperature sensor w/ 1524mm cord to monitor desired location
- Mounts in any Decora® style opening
- Bright three digit, green LED display
- Adjustable overtemp setting with local and remote notification



TEMP-DEC

| Part #    | Description                                                              |
|-----------|--------------------------------------------------------------------------|
| TEMP-DEC  | temperature display                                                      |
| JDC-12X18 | 457mm, 12 volt DC jumper wire, 2 pieces                                  |
| T1P       | 1 space rackmount panel pre-configured w/ 1 TEMP-DEC temperature display |

### Power Solutions



100VAC





## Quiet-Cool Series™, Component, Cabinet and Closet Cooling

Middle Atlantic offers this unique set of products called Quiet-Cool Series™, which was designed to provide effective thermal management for several specific installation environments. Every product in this series employs smart thermostatic control to save energy and reduce unnecessary noise.

### Component Cooler

- Lays on top of hot components to move air

#### Certifications

- CE

#### Power Solutions



100VAC – 2240VAC | 50/60Hz Compatible

| 120V Part #  | 240V Part #   | Description                                          | Free Air Rating | Max Sound Level |
|--------------|---------------|------------------------------------------------------|-----------------|-----------------|
| COMP-COOL    | ICOMP-COOL    | 1 fan, power supply                                  | 8 CFM           | 19 dB           |
| COMP-COOL-3* | ICOMP-COOL-3* | 3 fans, connects to single power supply              | 8 CFM per fan   | 24 dB           |
| COMP-COOL-E  | ICOMP-COOL-E  | 1 fan, connects to COMP-COOL3                        | 8 CFM           | 19 dB           |
| COMP-COOL50  | ICOMP-COOL50  | system activates automatically when needed           | 50 CFM          | 29 dB           |
| COMP-COOL50P | ICOMP-COOL50P | platform, system activates automatically when needed | 50 CFM          | 29 dB           |

\*914mm length between connectors



COMP-COOL50

### Cabinet Cooler

- Mounts inside small cabinets, credenzas, or similar enclosures to move air

#### Certifications

- CE

#### Power Solutions



100VAC – 2240VAC | 50/60Hz Compatible

| 120V Part # | 240V Part # | Description              | Free Air Rating | Max Sound Level |
|-------------|-------------|--------------------------|-----------------|-----------------|
| CAB-COOL    | ICAB-COOL   | cabinet cool system      | 20 CFM          | 24 dB           |
| CAB-COOL50  | ICAB-COOL50 | cabinet cool system      | 50 CFM          | 29 dB           |
| CAB-COOL-2  | ICAB-COOL-2 | dual cabinet cool system | 40 CFM          | 27 dB           |



CAB-COOL50

### Closet Cooler

- For small systems in enclosed closes

#### Certifications

- CE

#### Power Solutions



100VAC – 2240VAC | 50/60Hz Compatible

| 120V Part # | 240V Part # | Description                    | Free Air Rating | Max Sound Level |
|-------------|-------------|--------------------------------|-----------------|-----------------|
| CLS-COOL1   | ICLS-COOL1  | active exhaust, passive intake | 50 CFM          | 25 dB           |
| CLS-COOL2   | ICLS-COOL2  | active exhaust, active intake  | 50 CFM          | 28 dB           |



CLS-COOL1

### Duct Cool™ System

- Cools large enclosed areas
- ETL Listed

#### Power Solutions



100VAC

| 120V Part #   | Free Air Rating | Duct Size | Free Air dB Rating** |
|---------------|-----------------|-----------|----------------------|
| DUCT-COOL-1PT | 135 CFM         | 102mm     | 35.7 dB              |
| DUCT-COOL-2PT | 293 CFM         | 152mm     | 36.5 dB              |

\*\*measured 1 meter from the air intake, centered horizontally & vertically, using 4572mm of straight insulated duct

| Part #    | Description        | Fits                     | Part #  | Description                                                              |
|-----------|--------------------|--------------------------|---------|--------------------------------------------------------------------------|
| ERK-DT-DT | Duct Cool™ Adapter | WMRK, ERK                | THERM-A | optional user controlled thermostat with setpoint range of 60°F to 100°F |
| MW-DT     | Duct Cool™ Adapter | DRK, WRK, MRK, VRK, VMRK |         |                                                                          |



DUCT-COOL-2PT application



## Fans, Fan Kits and Accessories

Middle Atlantic offers a range of high quality fans and fan kits to let installers implement their selected thermal management strategy. Fan kits include fans, guards, and necessary vent blockers, and are designed for specific racks or usage locations such as for rear doors as noted. Some kit models also include intelligent thermostatic controls to save energy and minimize unnecessary noise.

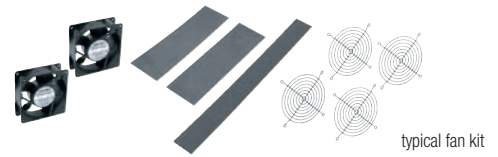
- Fans are ball-bearing design for long life and quiet operation
- Fans include mounting hardware and cords
- Fan kits include fans, guards, and necessary vent blockers

### Fans



| Part #    | Voltage | Size  | Depth | Free Air<br>dB Rating | Free Air<br>Rating |
|-----------|---------|-------|-------|-----------------------|--------------------|
| FAN       | 120V    | 119mm | 38mm  | 39 dBA                | 95 CFM             |
| IFAN2-DC  | 240V    | 119mm | 38mm  | 39 dBA                | 95 CFM             |
| QFAN      | 120V    | 119mm | 38mm  | <30 dBA               | 50 CFM             |
| FAN-6     | 120V    | 152mm | 38mm  | 49 dBA                | 220 CFM            |
| FAN-10    | 120V    | 254mm | 89mm  | 49 dBA                | 550 CFM            |
| BMF-FAN10 | 120V    | 254mm | 108mm | 60 dBA                | 825 CFM            |
| FAN-119   | 240V    | 119mm | 38mm  | 39 dBA                | 95 CFM             |
| QFAN-119  | 240V    | 119mm | 38mm  | <30 dBA               | 50 CFM             |

### Fan Kits



| Part #        | Application                               | # of<br>Fans | Free Air<br>Rating | Other Items<br>Included       |
|---------------|-------------------------------------------|--------------|--------------------|-------------------------------|
| 5-IFAN-K      | top fits Slim 5 Series                    | 2            | 114 CFM            | hardware                      |
| DCFANKIT-4    | rear panel, fits RK/BRK<br>and RDR Series | 4            | 100 CFM            | 120V adapter and controller   |
| FAN2-DC       | rear door                                 | 2            | 138 CFM            | cord, and hardware, 120V      |
| FAN2-DC-FC    | rear door                                 | 2            | 138 CFM            | hardware and controller, 120V |
| IMFR-FANKIT-2 | rear panel, fits MFR Series               | 2            | 50 CFM             | power supply, 240V            |
| MFR-FANKIT-2  | rear panel, fits MFR Series               | 2            | 50 CFM             | power supply, 120V            |

### Power Solutions



100VAC – 2240VAC | 50/60Hz Compatible

### Power Solutions



100VAC – 2240VAC | 50/60Hz Compatible

### Filter Panel



FILTER

| Part # | Racking Height   | Description                         |
|--------|------------------|-------------------------------------|
| FILTER | 133mm (3 spaces) | 1" thick, washable fan filter panel |

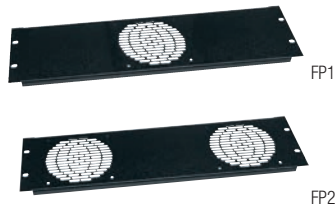
### Fan Guards

| Part #   | Fits      |
|----------|-----------|
| GUARD    | 114mm fan |
| GUARD-6  | 6" fan    |
| GUARD-10 | 254mm fan |



GUARD-6

### FP Series, Fan Panels



FP1

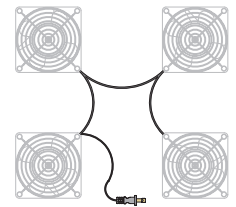
FP2

| Black Anodized<br>Part # | Black Textured<br>Part # | Racking Height   | Accommodates     |
|--------------------------|--------------------------|------------------|------------------|
| FP1                      | TFP1                     | 133mm (3 spaces) | one 114mm fan    |
| FP2                      | TFP2                     | 133mm (3 spaces) | two 114mm fans   |
| FP3                      | TFP3                     | 133mm (3 spaces) | three 114mm fans |

### Fan Cords

- Saves outlet space

| Part #      | Description                       |
|-------------|-----------------------------------|
| FANCORD-2X1 | fan cord, accommodates two fans   |
| FANCORD-3X1 | fan cord, accommodates three fans |
| FANCORD-4X1 | fan cord, accommodates four fans  |



FANCORD-4X1

### Power Solutions



100VAC

### 240V THERMAL MANAGEMENT OPTION



Fans: (2) IFAN2-DC  
pg. 226



Fan Controller:  
FC-DC pg. 130



Top Options: ERK-4FT  
or MW-4FT



## KO Series Thermal Management Components for Rear Door

Middle Atlantic Products standard solid rear doors on WRK, MRK, and ERK Series enclosures are configurable to support the desired cooling strategy. Products in this section are designed to fit in these doors after the laser knockouts are removed.

### Power Solutions



100VAC – 2240VAC | 50/60Hz Compatible



KO-AWFP2

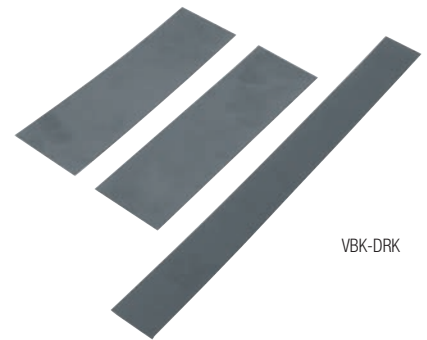
| Part #     | Description                                  | Fits                                    |
|------------|----------------------------------------------|-----------------------------------------|
| KO-AWFP2   | fan kit with two fans, 190 CFM, 120V         | WRK, MRK, ERK standard solid rear doors |
| IKO-AWFP2  | fan kit with two fans, 190 CFM, 240V         | WRK, MRK, ERK standard solid rear doors |
| KO-CRD-FAN | fan kit with two fans, 190 CFM and two vents | solid split rear doors                  |
| KO-CRD-VT  | guard kit, 4 pc.                             | solid split rear doors                  |
| KO-FILTER3 | filter kit                                   | WRK, MRK, ERK standard solid rear doors |
| KO-VT3     | vent panel kit                               | WRK, MRK, ERK standard solid rear doors |
| KO-WSB3    | blank panel kit                              | WRK, MRK, ERK standard solid rear doors |

## VBK Series, Vent Blocker Kit

Vent blockers prevent the recirculation of hot air between top-mount fans and nearby vent openings to ensure the heated air will be forced out through the top mounted fans.

- Kits include the properly sized blockers for the intended model

| Part #      | Fits                   | Part #   | Fits                  | Part #     | Fits          |
|-------------|------------------------|----------|-----------------------|------------|---------------|
| VBK-W27-W32 | WRK-xx27 & WRK-xx-32   | VBK-D17  | DWR-xx-17             | VBK-PTRK   | PTRK-xx       |
| VBK-WSA27   | WRK-xxSA-27            | VBK-SD22 | SR-40-22, DWR-xx-22   | VBK-PTRK26 | PTRK-xx26     |
| VBK-WSA32   | WRK-xxSA-32, WR-xx-32* | VBK-S28  | SR-xx-28              | VBK-BGR    | BGR Series    |
| VBK-E20     | ERK-xx20, DWR-xx-26    | VBK-S32  | SR-xx-32, DWR-xx-32   | VBK-BGR-SA | BGR-SA Series |
| VBK-E25     | ERK-xx25               | VBK-S42  | WR-xx-42*             | VBK-DRK    | DRK Series    |
| VBK-E28     | ERK-xx28               | VBK-V    | VRK-44-31H/VRK-44-36H |            |               |



VBK-DRK

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

## FC Series, Thermostatic AC Fan Control

These controllers extend both equipment and fan life and reduce service calls by varying the fan speed of up to four fans based on temperature.

- Control up to four fans, depending on model
- 3 user-selected temperature ranges
- Includes temperature sensor with 1524mm cord
- ETL Certified



FC-CFRD

### Certifications

- CE

### Power Solutions



100VAC – 2240VAC | 50/60Hz Compatible

| Part #       | Description                                                                                                                                | # of Fan Controlled Outlets |
|--------------|--------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------|
| FC-4A        | mounts in MPR Series raceways only pg. 180                                                                                                 | 4                           |
| FC-4-1CA     | mounts to rackrail brackets or any flat surface                                                                                            | 4                           |
| FC-4-IEC     | mounts to rackrail brackets or any flat surface, 240V                                                                                      | 4                           |
| FC-2-215-1CA | mounts to rackrail brackets or any flat surface, includes two 15 Amp outlets                                                               | 2                           |
| FC-CFRD      | rackmount unit powers up to 16 fans in a fully populated system, designed specifically to control high CFM rear doors (CFRD Series) pg. 49 |                             |



FC-2-215-1CA



## High Definition Rackmount Consoles

High Definition LCD Rackmount Consoles are designed for the needs of the AV system, with a 100% digital platform that maintains complete digital signal integrity. This results in data that remains intact between source and display with no compatibility issues and no need for specialty cabling or accessories. Supporting a broad range of applications, rackmount consoles are ideal whenever rackmount control and system monitoring is required.



RM-KB-LCD17KVMHD

- High definition (1080p), widescreen (16:9)
- Designed for digital video, featuring an HDMI® certified 100% digital platform including HDMI/DVI inputs and HDCP compliance
- No special cables required – compatible with industry standard cables and extenders
- KVM model is IP-enabled for remote monitoring and management
- Models available in standard console configuration for single systems or console with 8 Port KVM for managing multiple systems from a single station
- Compact, 1-rackspace design includes 432mm widescreen display, keyboard & touchpad
- Dual rail design allows monitor to reside in open position for system monitoring while keyboard is recessed
- Fast one-person installation with quick-install rails
- Front USB port
- Supplied with U.S. style line cord

### Certifications

- CE

### Power Solutions



100VAC – 2240VAC | 50/60Hz Compatible



front



rear

RM-KB-LCD17HD



front



rear

RM-KB-LCD17KVMHD

| Part #           | Screen Size  | Resolution | Racking Height | Inputs                     | Remote Console Outputs | IP-enabled |
|------------------|--------------|------------|----------------|----------------------------|------------------------|------------|
| RM-KB-LCD17HD    | 432mm (16:9) | 1080p (HD) | 44mm (1 space) | VGA, DVI, HDMI, USB        | VGA, DVI, HDMI, USB    | —          |
| RM-KB-LCD17KVMHD |              |            |                | HDMI (8), USB (8), DVI (6) | HDMI, USB (2)          | yes        |



## Lighting

Middle Atlantic offers a range of rackmount lighting and work lights to meet a variety of needs. Rackmount lighting is there when you need it; we offer styles for both back-of-the-rack and end-user front accessible lighting. And, we offer several styles of work light to meet installer and maintenance needs. Explore the offerings below to find the most appropriate model.

### LT Series, Rackmount LED Work Light

- Complete flexibility to illuminate anywhere in the rack
- Vertical & horizontal mounting capabilities; adjustable angle light bar

| Part #           | Description                                                                                                                                         | CE Approved |
|------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------|-------------|
| LT-CABUTL-SINGLE | cabinet utility light, single light, includes light bar with white leds, international power supply, cabinet attachment brackets                    | yes         |
| LT-CABUTL-DUAL   | cabinet utility light, dual light, includes light bars with white leds, international power supply, interconnect cable, cabinet attachment brackets | no          |



LT-CABUTL-SINGLE

#### Power Solutions



### LT-GN Series, LED Gooseneck Light

- Portable lights can be powered by USB port or standard 120V outlet
- Rackmount panel version has two independently positionable lights
- Lights have off/on switch
- Long-lasting LED sources stay cool and bright

| 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 USB 120V adapter                    | Any 120V power outlet, including vertical power strips                |
| LT-GN-PNL | one rackspace rackmount panel with dual gooseneck LED lights |                                                                       |
| LT-GN-WL  | magnetic worklight, gooseneck, includes 32 LED lights        |                                                                       |



LT-GN

LT-GN-PNL

### WL Series, Magnetic Work Light

- Powerful magnets keep lights in place and attach to any steel rack surface
- Cool, efficient fluorescent bulb
- UL Listed

| Part # | Description                                                            | Powered By                                             |
|--------|------------------------------------------------------------------------|--------------------------------------------------------|
| WL-60  | magnetic work light, jointed arm, v13W fluorescent bulb, long 18' cord | Any 120V power outlet, including vertical power strips |

#### Power Solutions



### PDLT Series, Rack Light and Power

- One-space design to save space
- 15 Amps; single circuit
- ETL Listed

| Part #       | Rear Outlets | Surge Protection                        | Cord Length | Chassis Depth | Finish                     |
|--------------|--------------|-----------------------------------------|-------------|---------------|----------------------------|
| PDL-815RVA   | 8            | Yes                                     | 2743mm      | 189mm         | black brushed and anodized |
| PDL-815RV-RN | 8            | Yes, two-stage with remote notification | 2743mm      | 189mm         | black powder coat          |



PDL-815RV-RN



rear

#### Power Solutions



### LT-1R Series, Rackmount Light

Rackmount lighting features retractable LED light for evenly distributed illumination of the rackmounted components below.

- One-space design to save space
- Choice of black powder coat or black brushed and anodized finish

| Part # | Cord Length | Chassis Depth | Finish                     |
|--------|-------------|---------------|----------------------------|
| LT-1R  | 2743mm      | 189mm         | black powder coat          |
| LT-1RA | 2743mm      | 189mm         | black brushed and anodized |



LT-1RA

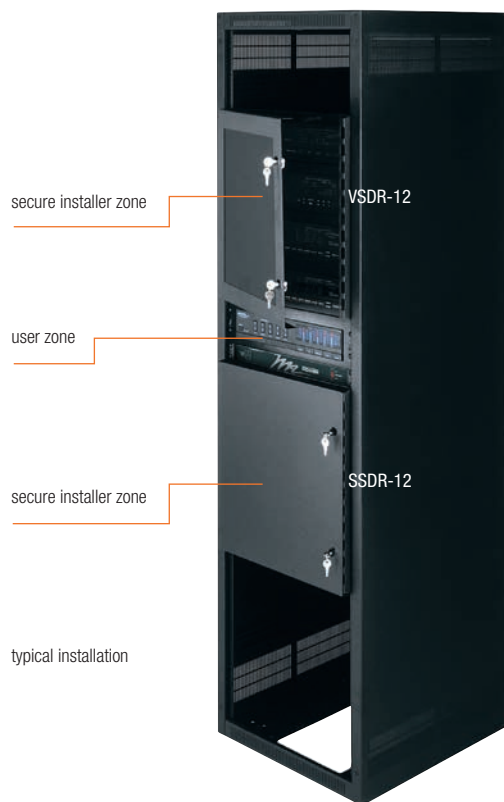
#### Power Solutions





## Security Options

Middle Atlantic Products knows that many systems are installed in semi-accessible or accessible locations and so we offer a selection of security covers, doors and rackscrews to protect valuable equipment and critical connections. Models in this section include solid and vented covers as well as lockable solid and plexi doors to match the needs of the project.



## Security Doors

Hinged, keylocked security doors allow front access to a select portion of rackmount equipment. 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.”

- Choice of plexiglass, vented, and solid styles
- Sturdy steel construction with black powder coat finish

| Solid Part #<br>Knob Clearance 35mm | Plexi Part #<br>Knob Clearance 29mm | Vented Part #<br>Knob Clearance 29mm | Racking<br>Height    |
|-------------------------------------|-------------------------------------|--------------------------------------|----------------------|
| SSDR-8                              | PSDR-8                              | VSDR-8                               | 356mm (8 rackspace)  |
| SSDR-12                             | PSDR-12                             | VSDR-12                              | 533mm (12 rackspace) |
| SSDR-15                             |                                     |                                      | 667mm (15 rackspace) |
| SSDR-16                             | PSDR-16                             | VSDR-16                              | 711mm (16 rackspace) |
| SSDR-20                             | PSDR-20                             | VSDR-20                              | 889mm (20 rackspace) |
| SSDR-21                             |                                     |                                      | 933mm (21 rackspace) |



## Hinged Security Covers

Cover specific equipment while allowing access with a key. Smoked plexiglass doors allow visibility to protected equipment.

- Steel frame with keylocked 3/406mm smoked-gray plexiglass door
- 38mm depth easily clears controls on most equipment
- Use with security screws for additional security (pg. 240)
- Available in 2, 3, 4, and 8 rackspace sizes

| Part # | Racking Height      |
|--------|---------------------|
| SECL-2 | 89mm (2 rackspace)  |
| SECL-3 | 133mm (3 rackspace) |
| SECL-4 | 178mm (4 rackspace) |
| SECL-8 | 356mm (8 rackspace) |



SECL-2



SECL-3



SECL-4

## Fixed Security Covers

Fight equipment tampering with these tough fixed security covers. Secure and cost-effective.

- Choice of regular or fine metal perforation or fixed plexiglass window for easy equipment viewing
- 25mm depth clears controls on most equipment
- Use with security screws for additional security

| Type                                                                     | Part # | Racking Height      |
|--------------------------------------------------------------------------|--------|---------------------|
| Regular Perf<br>Allows unobstructed view of knob settings, 64% open area | S1     | 44mm (1 rackspace)  |
|                                                                          | S2     | 89mm (2 rackspace)  |
|                                                                          | S3     | 133mm (3 rackspace) |
|                                                                          | S4     | 178mm (4 rackspace) |
| Fine Perf<br>Allows sight of LEDs, most secure, 25% open area            | SF1    | 44mm (1 rackspace)  |
|                                                                          | SF2    | 89mm (2 rackspace)  |
|                                                                          | SF3    | 133mm (3 rackspace) |
|                                                                          | SF4    | 178mm (4 rackspace) |
| Plexiglass                                                               | SL-1   | 44mm (1 rackspace)  |
|                                                                          | SL-2   | 89mm (2 rackspace)  |
|                                                                          | SL-3   | 133mm (3 rackspace) |

S1  
regular perforatedSF1  
fine perforatedSL-1  
plexiglass



## Blank Panels

Blank panels cover open areas on an installed rack face, providing a clean, professional appearance. Blank panels also serve an essential thermal management function by blocking unwanted airflow.

- Completes a finished, professional appearance
- Supports thermal management by preventing recirculation of hot air
- Sizes from 1/3 space up to 6 space panels
- Matching finishes are available



EB1-H



EB1/3



FEB1

## Economy Blank Steel Panels

- 1/3 and 1/2 space panels ideal for non-fullspace components
- Panels in contractor packs are individually poly-bagged for protection

| Flanged Part # | Flat Part # | Racking Height       |
|----------------|-------------|----------------------|
| EB1            | FEB1        | 44mm (1 rackspace)   |
| EB2            | FEB2        | 89mm (2 rackspace)   |
| EB3            | FEB3        | 133mm (3 rackspace)  |
| EB4            | FEB4        | 178mm (4 rackspace)  |
| EB5            | FEB5        | 222mm (5 rackspace)  |
| EB6            | FEB6        | 267mm (6 rackspace)  |
| EB1/2          |             | 22mm (1/2 rackspace) |
| EB1/3          |             | 15mm (1/3 rackspace) |
| EB1-H*         |             | 44mm (1 rackspace)   |

\*blank panel has handles for gripping pull-out rack systems

| Contractor/Master 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   |
| EB1MP                   | FEB1MP      | 50  |
| EB2MP                   | FEB2MP      | 25  |

## Flat Black Aluminum Blank Panels

- Choice of flanged or flat styles
- Sizes from 1 space up to 4 space panels
- Aluminum construction; can be machined if needed
- Panels in contractor packs are individually poly-bagged for protection



PBL-2



PHBL-3



PBL-11D

| Flanged Part # | Flat Part # | Racking Height      |
|----------------|-------------|---------------------|
| PBL-1          | PHBL-1      | 44mm (1 rackspace)  |
| PBL-2          | PHBL-2      | 89mm (2 rackspace)  |
| PBL-3          | PHBL-3      | 133mm (3 rackspace) |
| PBL-4          | PHBL-4      | 178mm (4 rackspace) |
| PBL-11D*       |             | 44mm (1 rackspace)  |

\*comes with ID strip

| Contractor/Master 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   |



## Textured Blank Steel Panels

- Complements RSH4S custom rackshelves and other textured accessories
- Sturdy steel construction
- Sizes from 1 space up to 6 space panels
- Panels in contractor packs are individually poly-bagged for protection

| Flanged Part # | Racking Height      | Contractor/Master Packs |     |
|----------------|---------------------|-------------------------|-----|
|                |                     | Flanged Part #          | Qty |
| SB1            | 44mm (1 rackspace)  | SB1-CP12                | 12  |
| SB2            | 89mm (2 rackspace)  | SB2-CP12                | 12  |
| SB3            | 133mm (3 rackspace) | SB3-CP6                 | 6   |
| SB4            | 178mm (4 rackspace) | SB4-CP6                 | 6   |
| SB5            | 222mm (5 rackspace) |                         |     |
| SB6            | 267mm (6 rackspace) |                         |     |

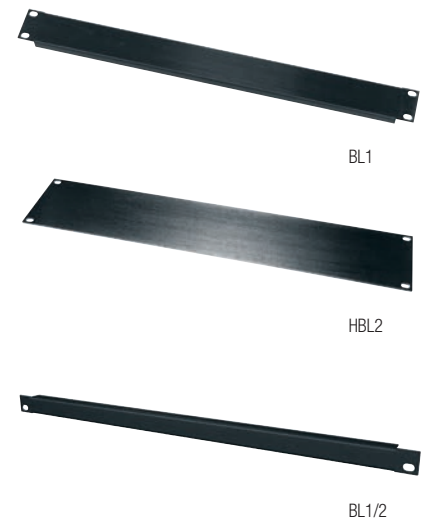


## Black Brushed and Anodized Blank Panels

- The most aesthetic blank panels available with a black brushed and anodized finish
- Choice of flanged or flat styles
- Aluminum construction with premium anodized finish
- Sizes from 1/3 space up to 6 space panels
- 1/3 and 1/2 space panels ideal for non-fullspace components
- Complements RSH4A custom rackshelves and other anodized accessories

| Flanged Part # | Flat Part # | Racking Height      | Flanged Part # | Flat Part # | Racking Height       |
|----------------|-------------|---------------------|----------------|-------------|----------------------|
| BL1            | HBL1        | 44mm (1 rackspace)  |                | HBL6        | 267mm (6 rackspace)  |
| BL2            | HBL2        | 89mm (2 rackspace)  | BL1/2          |             | 22mm (1/2 rackspace) |
| BL3            | HBL3        | 133mm (3 rackspace) | BL1/3          |             | 15mm (1/3 rackspace) |
| BL4            | HBL4        | 178mm (4 rackspace) | BL1-H*         |             | 45mm (1 rackspace)   |
|                | HBL5        | 222mm (5 rackspace) |                |             |                      |

\*blank panel has handles for gripping pull-out rack systems



## Wrinkled Blank Panels

- Sturdy steel construction with flanges for extra strength
- Sizes from 1 space up to 4 space panels

| Flanged Part # | Racking Height      |
|----------------|---------------------|
| WSB1           | 44mm (1 rackspace)  |
| WSB2           | 89mm (2 rackspace)  |
| WSB3           | 133mm (3 rackspace) |
| WSB4           | 178mm (4 rackspace) |





## Vent Panels

Vent panels cover open areas on an installed rack face, providing a clean, professional appearance, while maintaining open area for cooling airflows. Middle Atlantic Products stocks many variations to meet every project need.

Note: venting is not always better – for more information on cooling strategies and practices, please see our white paper or contact our professional technical support department.

- Completes a finished, professional appearance
- Supports thermal management by allowing cooling airflows
- Sizes from 1 space up to 4 space panels
- Matching finishes are available

## Flat Black Vent Panels

- Sturdy steel construction
- Sizes from 1 to 4 spaces
- VTB models manufactured with light blocking material
- Panels in contractor packs are individually poly-bagged for protection



EVT2



VT2



VTB-1



HR-EVT1

| 17% Open Area | Racking Height     |
|---------------|--------------------|
| Flat Part #   |                    |
| EVT1          | 44mm (1 rackspace) |
| EVT2          | 89mm (2 rackspace) |
| HR-EVT1*      | 44mm (1 rackspace) |
| HR-EVT2*      | 89mm (2 rackspace) |

| Contractor Packs |     |
|------------------|-----|
| Part #           | Qty |
| EVT1-CP12        | 12  |
| EVT2-CP12        | 12  |

\*Designed specifically for the HRF Series, pg. 106

| 64% Open Area | 25% Open Area | Racking Height      |
|---------------|---------------|---------------------|
| Perf Part #   | Perf Part #   |                     |
| VT1           | VTF1          | 44mm (1 rackspace)  |
| VT2           | VTF2          | 89mm (2 rackspace)  |
| VT3           | VTF3          | 133mm (3 rackspace) |
| VT4           | VTF4          | 178mm (4 rackspace) |

| Contractor Packs |           |     |
|------------------|-----------|-----|
| Part #           | Part #    | Qty |
| VT1-CP12         | VTF1-CP12 | 12  |
| VT2-CP12         | VTF2-CP12 | 12  |
| VT3-CP6          | VTF3-CP6  | 6   |
| VT4-CP6          | VTF4-CP6  | 6   |

| 64% Open Area | Racking Height      |
|---------------|---------------------|
| Part #        |                     |
| VTB-1         | 44mm (1 rackspace)  |
| VTB-2         | 89mm (2 rackspace)  |
| VTB-3         | 133mm (3 rackspace) |



## Black Brushed and Anodized Vented Panels

Brushed and anodized vent panels to match other anodized components and accessories are available from 1 to 3 rackspaces.

- Aluminum construction
- Black brushed and anodized finish

| 17% Open Area   | 20% Open Area | Racking Height      |
|-----------------|---------------|---------------------|
| Anodized Part # | Part #        |                     |
| EVTA-1          | VTP-1         | 44mm (1 rackspace)  |
| EVTA-2          | VTP-2         | 89mm (2 rackspace)  |
|                 | VTP-3         | 133mm (3 rackspace) |



EVTA-2



VTP-2

## Hinged Accessory Mounting Panel

Provide quick access to rack interiors for servicing and maintenance.

- Available in solid, vented or with patented universal mounting pattern for small component mounting
- Tool-less captive, threaded thumbscrews will not get lost

| Solid Part # | Universal Mounting Part # | Vented Part # | Racking Height      |
|--------------|---------------------------|---------------|---------------------|
| AP-2         | APM-2                     | APV-2         | 89mm (2 rackspace)  |
|              | APM-3                     |               | 133mm (3 rackspace) |
| AP-4         | APM-4                     | APV-4         | 178mm (4 rackspace) |
| AP-6         |                           | APV-6         | 267mm (6 rackspace) |



APM-3



AP-4

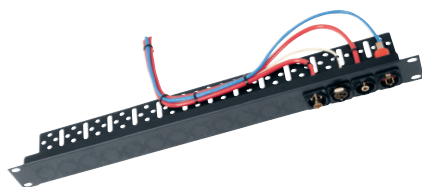


## Connector Panels

Middle Atlantic Products offers a wide selection of utility and special-purpose chassis and connector panels to support your project needs. As is the case with our other products, each of these models was designed with speed and effectiveness in mind to provide installers with excellent installation results, and work with all our rack systems.



UNI-1



UNI-1-C

### Universal Connector Panel

The UNI Series laser-cut connector panels feature knockouts designed to accept a number of connectors, including XLR and Neutrik.

- Design allows mounting of both male and female connectors to the same holes simply by knocking out the correct pattern
- Incorporates a 67mm strain relief shelf with tie-points for cable management (UNI-1)

| Part #  | Laser-Cut Knockouts | Racking Height                             |
|---------|---------------------|--------------------------------------------|
| UNI-1   | 16                  | 44mm (1 rackspace)                         |
| UNI-2   | 32                  | 89mm (2 rackspace)                         |
| UNI-1-C | 16                  | 44mm (1 space) - includes cable management |



AVIP-FK1



AVIP-FK2



shown with plates installed



More AVIP plates from Wiremold®  
at [middleatlantic.com](http://middleatlantic.com)

### AVIP Rackmount Panel System

This great solution provides rackmount connectivity without the wait or expense of custom panels.

- Holds industry-standard modular AV connector plates including Wiremold® AVIP, Extron® MAAP, and FSR IPS
- Works with single, double, and triple size plates
- Fixed and easy-access hinged styles are available for standard racks
- Fixed styles are also available for half-rack applications

| Fixed Part # | Swing Out Part # | Description          |
|--------------|------------------|----------------------|
| AVIP-FK1     | AVIP-SF1         | 1 space, 483mm width |
| AVIP-FK2     | AVIP-SF2         | 2 space, 483mm width |
| AVIP-HFK1    |                  | 1 space, 254mm width |



### UCP Series, Modular Panel System

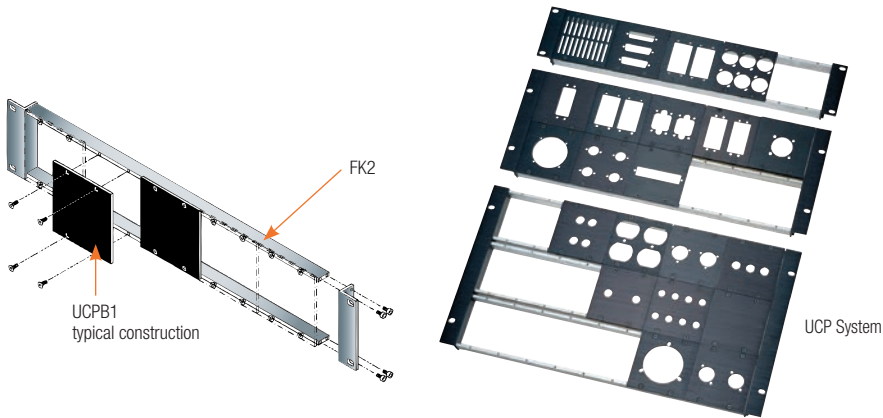
Build Your Own Custom Connector Panel Using Off-The-Shelf Components! Middle Atlantic Products UCP Series modular custom panel system assembles quickly and easily using either a 2 or 4 space frame kit and your selections from an extensive collection of prepunched modules.

- Modules accept popular connectors such as XLR, Neutrik, Elco, Canare and more
- UCP modular assemblies simply bolt together using supplied hardware
- When completed, all hardware is flush to create a professional appearance
- Visible parts have a black brushed and anodized finish
- Blank and vented panels are also available to fill unused spots
- All modules are constructed of aluminum

### UCP Series Frame Kit

- Bolts modules to them in any combination

| Frame Kits Part # | Racking Height     |
|-------------------|--------------------|
| FK2               | 44mm (1 rackspace) |
| FK4               | 89mm (2 rackspace) |



### UCP Series 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 229mm deep, top and bottom, and all necessary module mounting hardware. The top & bottom can be easily removed, leaving the frame intact.



### UCP Series Cable Tray, 2 Space

The UCP cable tray includes FK2 bars, mounting ears and bottom. 127mm deep tray provides superior cable strain relief with a multitude of wire-tie slots. Occupies 2 rackspaces (89mm).



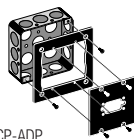
### UCP Series Hinged Frame Kit, 2 Space

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.





## UCP Series, Modular Panel System



UCP-ADP

### UCP Adapter, 1900 Electrical Box

Adapts any single UCP module to a standard 1900 electrical box



UCPB1

### UCP Blank Module, Single Width

Fills unused spots or drill your own connector mounting pattern



UCPB2

### UCP Blank Module, Double Width

Fills unused spots or drill your own connector mounting pattern



UCPB3

### UCP Blank Module, Triple Width

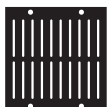
Fills unused spots or drill your own connector mounting pattern



UCP-FAN

### 15 CFM Fan, Mounts to UCP Frame Kit

Fan rated to move 15 CFM at 25 dBA



UCP-VT

### UCP Vent

Fills unused space while providing ventilation



1/2BNC1

### UCP Module, One 13mm BNC Punchout

Fits 13mm diameter BNC shells



1/2BNC2

### UCP Module, Two 13mm BNC Punchouts

Fits 13mm diameter BNC shells



1/2BNC4

### UCP Module, Four 13mm BNC Punchouts

Fits 13mm diameter BNC shells



1/2BNC5

### UCP Module, Five 13mm BNC Punchouts

Fits 13mm insulated BNC connectors for RGBHV



1/2BNC6

### UCP Module, Six 13mm BNC Punchouts

Fits 13mm diameter BNC shells



1/4X4

### UCP Module, Four 1/4" Punchouts

Fits RCA jacks, some switches and LEDs



1DB25

### UCP Module, One DB25 Punchout

Fits the popular data multipin connector



1DB9

### UCP Module, One DB9 Punchout

Fits the popular data multipin connector



1ELC090

### UCP Module, EDAC/ ELCO 90 Pin Punchout

Fits 90 pin Elco/Edac connectors



1G1

### UCP Module, G1 Punchout

Fits "G" Series AMP connectors



1W1

### UCP Module, 39 pin Whirlwind Punchout

Fits 39 pin Whirlwind



1W2

### UCP Module, 61 pin Whirlwind Punchout

Fits 61 pin Whirlwind



2DB15

### UCP Module, Two DB15 Punchouts

Fits the popular data multipin connector



2DB25

### UCP Module, Two DB25 Punchouts

Fits the popular data multipin connector



2DB37

### UCP Module, Two DB37 Punchouts

Fits the popular data multipin connector



2DB50

### UCP Module, Two DB50 Punchouts

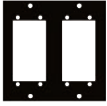
Fits the popular data multipin connector



2DB9

### UCP Module, Two DB9 Punchouts

Fits the popular data multipin connector



2ELC090

UCP Module, Two EDAC/  
ELCO 90 Pin Punchouts  
Fits 90 pin Elco/Edac connectors



3/8BNC4

UCP Module, Four  
10mm BNC Punchouts  
Fits 10mm diameter BNC shells



3/8X1

UCP Module,  
One 10mm Punchout  
Fits attenuators, "F" connectors,  
phone jacks, some switches



4DB9

UCP Module,  
Four DB9 Punchouts  
Fits the popular data multipin  
connector



4SC1

UCP Module, One  
Circular Flange Punchout  
Fits Cannon AP and EP, Neutrik,  
NL8MPR, NL4MPR ("Speakon")



4SC3

UCP Module, Three  
Circular Flange Punchouts  
Fits Cannon AP and EP, Neutrik,  
NL8MPR, NL4MPR ("Speakon")



7/16X4

UCP Module, Four  
11mm Punchouts  
Fits Switchcraft #11, insulated  
phone jacks, and some switches



AVIP-UCP

UCP Module,  
One AVIP Punchout  
Accepts 3 single, 1 dual, or 1  
triple connector plates



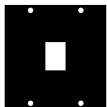
CANARE4

UCP Module, Four  
Canare Punchouts  
Fits regular and feed-through  
types



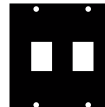
COMBO4

UCP Module, Four Mixed  
Gender XLR Punchouts  
Fits mixed genders within a  
module



KEY-1

UCP Module, One  
Keystone Punchout  
Holds varied connectors (RCA, RJ-45,  
Fiber, etc.) in keystone insert bezel



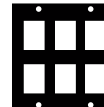
KEY-2

UCP Module, Two  
Keystone Punchouts  
Holds varied connectors (RCA, RJ-45,  
Fiber, etc.) in keystone insert bezel



KEY-4

UCP Module, Four  
Keystone Punchouts  
Holds varied connectors (RCA, RJ-45,  
Fiber, etc.) in keystone insert bezel



KEY-6

UCP Module, Six  
Keystone Punchouts  
Holds varied connectors (RCA, RJ-45,  
Fiber, etc.) in keystone insert bezel



SPX-19

UCP Module, Socapex  
19 Pin Punchout  
Fits Socapex 19 pin connector



TW2B

UCP Module, 2 Bolt  
Twistlock Punchout  
Fits most brands with oval hole  
pattern, including Hubbel Bryant



TW3B

UCP Module, 3 Bolt  
Twistlock Punchout  
Fits most brands with oval hole  
pattern, including Hubbel Bryant



UNIV1

UCP Module, One XLR  
Female Punchout  
Fits Neutrik FP, MP, MDL, FDL,  
Speakon, XLRs, and more



UNIV2

UCP Module, Two XLR  
Female Punchouts  
Fits Neutrik FP, MP, MDL, FDL,  
Speakon, XLRs, and more



UNIV3

UCP Module, Three XLR  
Female Punchouts  
Fits Neutrik FP, MP, MDL, FDL,  
Speakon, XLRs, and more



UNIV4

UCP Module, Four XLR  
Female Punchouts  
Fits Neutrik FP, MP, MDL, FDL,  
Speakon, XLRs, and more



UNIV6

UCP Module, Six XLR  
Female Punchouts  
Fits Neutrik FP, MP, MDL, FDL,  
Speakon, XLRs, and more



XLRM6

UCP Module,  
XLR Male Punchouts  
Fits Neutrik MP, LNEMP,  
Switchcraft, Cannon



## Hardware and Fasteners

Don't forget the rack screws! Professional installers know that sometimes the smallest products and details can make the difference in appearance, function, and speed. Don't let an inferior screw mar your installation – insist on Middle Atlantic hardware.

## Rack Screws, Security Screws and Fasteners

- Choice of head designs and finishes (rust-resistant finish is available)
- Most models are 19mm long with pre-installed washers and self-guiding pilot points
- Cable-friendly screws are 10mm long with rounded tip to resist chafing
- Security screws, including the patented high security Guardian Series™, provide additional equipment protection

Shoulder Washers,  
100 Pieces

Works with pre-installed washers  
on our screws to isolate equipment



SW

|                                                                                                 | Series    | Type                                             | # of Pieces                | Head Type                              | Length | Finish                            | Factory Installed Washer | Self Guiding Pilot Points                                         | Security Accommodations                     | Compatible Bit | Recommended & Primary Use(s)                                            |
|-------------------------------------------------------------------------------------------------|-----------|--------------------------------------------------|----------------------------|----------------------------------------|--------|-----------------------------------|--------------------------|-------------------------------------------------------------------|---------------------------------------------|----------------|-------------------------------------------------------------------------|
| <br>HG          | HG        | 10-32 threaded                                   | 100<br>500 (HG500)         | truss-head                             | 19mm   | black gloss, salt spray resistant | yes                      | yes                                                               | no                                          | no             | premium rack screws provide best bit engagement in the industry         |
| <br>HM          | HM        | 10-32 threaded                                   | 100<br>500 (HM500)         | truss-head                             | 19mm   | black matte                       | yes                      | yes                                                               | no                                          | no             | premium rack screws provide best bit engagement in the industry         |
| <br>HP         | HP        | 10-32 threaded                                   | 100<br>500 (HP500)         | truss-head                             | 19mm   | black matte                       | yes                      | no                                                                | no                                          | no             | for standard rackmounting applications; fits under optional trim strips |
| <br>HW        | HW        | 10-32 threaded                                   | 100 (HW100)<br>500 (HW500) | trim-head                              | 19mm   | black matte                       | yes                      | no                                                                | no                                          | no             | for standard rackmounting applications                                  |
| <br>HSK       | HSK       | 10-32 threaded                                   | 100                        | square post drive                      | 19mm   | black matte                       | yes                      | no                                                                | Guardian Series™ patented security hardware | optional SPBIT | highest level of security                                               |
| <br>HTX       | HTX       | 10-32 threaded                                   | 50                         | star post drive                        | 19mm   | black matte                       | yes                      | no                                                                | requires star post bit                      | optional TBIT  | security                                                                |
| <br>HS        | HS        | 10-32 threaded                                   | 100                        | square drive                           | 19mm   | black matte                       | yes                      | no                                                                | requires square bit                         | optional SBIT  | security                                                                |
| <br>HPQ       | HPQ       | 10-32 threaded                                   | 100<br>500 (HPQ-500)       | truss-head                             | 10mm   | black matte                       | no                       | rounded end allow wires to be dressed inside rack without chafing | no                                          | no             | ideal for mounting vent panels and cable management bars                |
| <br>HP-24     | HP-24     | 12-24 threaded                                   | 100<br>500 (HP24-500)      | heat treated to prevent head stripping | 16mm   | black matte                       | washers included         | no                                                                | no                                          | no             | telecommunications and data                                             |
| <br>HP-6MM    | HP-6MM    | 6mm threaded Phillips head                       | 100                        | heat treated to prevent head stripping | 16mm   | black matte                       | washers included         | no                                                                | no                                          | no             | telecommunications and data                                             |
| <br>CN1032-50 | CN1032-50 | cage nut hardware, for use with 10-32 rackscrews | 50                         | cage nut hardware                      | n/a    |                                   | n/a                      | n/a                                                               | no                                          | no             | slide out servers with square hole rail                                 |
| <br>CN6MM-100 | CN6MM-100 | cage nut hardware, for use with 6mm rackscrews   | 100                        | cage nut hardware                      | n/a    |                                   | n/a                      | n/a                                                               | no                                          | no             | slide out servers with square hole rail                                 |



## 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 (2000mm long)
- Features internal grooves that fit into the supplied snap washers
- Offered in black brushed and anodized or black powder coat finish
- Cut easily to size with a hacksaw
- Sold in individual strips.



without trim strip installed



without 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) |

## Panels for Decora® Devices

Mount any low-voltage Decora device directly onto rackrail of standard 483mm enclosure. Great mounting solution for RPS Series remote power switches (pg. 186) and TEMP-DEC temperature displays (pg. 224).

- Panels take up only one rackspace
- Available models hold from one to four devices
- Flanged steel construction with durable black powder coat finish

| Part #   | Description                                  |
|----------|----------------------------------------------|
| DECP-1X1 | 44mm (1 space) mounts up to 1 Decora device  |
| DECP-1X2 | 44mm (1 space) mounts up to 2 Decora devices |
| DECP-1X3 | 44mm (1 space) mounts up to 3 Decora devices |
| DECP-1X4 | 44mm (1 space) mounts up to 4 Decora devices |



DECP-1X1

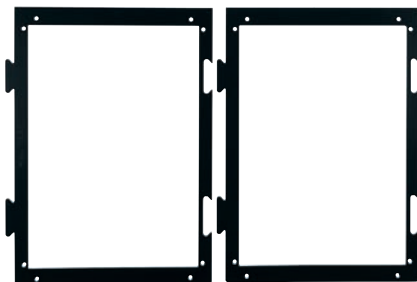


DECP-1X3



## Other Hardware

This section includes useful hardware that solves specific installation challenges, including such varied items as rail bracket adapters to touch-up paint. Browse the products in this section – you might find a solution you have been hoping for.



BGR-TEMP-27

### Multi-Bay Floor Layout Template

- Template allows accurate installation planning and mounting
- Ideal for pre-drilling floor anchor bolts, etc.
- Designed for accurate single and multi-bay layouts

| Multi-Bay Floor Layout Template | Accommodates          |
|---------------------------------|-----------------------|
| BGR-TEMP-27                     | BGR 686mm depth racks |
| BGR-TEMP-32                     | BGR 813mm depth racks |
| BGR-TEMP-38                     | BGR 965mm depth racks |
| MRK-TEMP-26                     | MRK 660mm depth racks |
| MRK-TEMP-31                     | MRK 787mm depth racks |
| MRK-TEMP-36                     | MRK 914mm depth racks |
| WRK-TEMP-27                     | WRK 686mm depth racks |
| WRK-TEMP-32                     | WRK 813mm depth racks |



BOND-G24

### Spike, Rack Bonding Kits

Combines ganging and electrical bonding in one step by piercing powder coat finish at bonding points without removing paint.

- Eliminates bonding wires between racks
- Provides low impedance ground
- Displaces powder coat finish without corrosion protection of painted surface
- Does not require anti-oxidant protection
- Durable and visible green finish

| Part #   | Description                                               |
|----------|-----------------------------------------------------------|
| BOND-G24 | 24 sets, 1 installation tool, 4 sets recommended per rack |



ACC-KEY

### Keys

| Part #  | Description                                |
|---------|--------------------------------------------|
| ACC-KEY | additional set of keys for drawers and LBX |
| SFD-KEY | key for front door                         |
| SRD-KEY | key for rear door                          |



DOC

### Document Holder

| Part #   | Description                   | Fits                           |
|----------|-------------------------------|--------------------------------|
| DOC      | document holder for rear door | fits on most rear doors        |
| DOC-SACK | document holder for rear door | compatible with BGR enclosures |

### RRF Rackrail

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 486mm wide rough openings.

- Sturdy 3mm thick steel construction

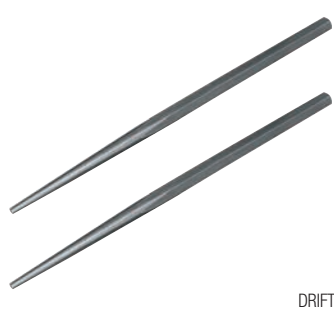
| Part # | Racking Height    |
|--------|-------------------|
| RRF2   | 89mm (2 space)    |
| RRF4   | 178mm (4 space)   |
| RRF6   | 267mm (6 space)   |
| RRF8   | 356mm (8 space)   |
| RRF10  | 445mm (10 space)  |
| RRF12  | 533mm (12 space)  |
| RRF14  | 622mm (14 space)  |
| RRF16  | 711mm (16 space)  |
| RRF18  | 800mm (18 space)  |
| RRF21  | 933mm (21 space)  |
| RRF27  | 1200mm (27 space) |
| RRF45  | 2000mm (45 space) |



### Drift Pins for Ganging

- Easily align racks while ganging\*

| Part # | Description                     |
|--------|---------------------------------|
| DRIFT  | set of two tapered drift pins   |
| TDRIFT | ganging drift pins, non-tapered |



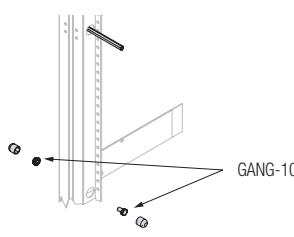
\*not compliant with BGR

DRIFT

### Ganging Hardware

- Kit of 8mm flange nuts and bolts to gang up to 10 racks

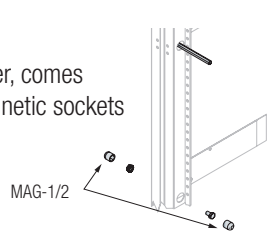
| Part #   | Description                                            |
|----------|--------------------------------------------------------|
| GANG-10  | 8mm nuts/bolts to gang 10 racks or consoles            |
| GANG-10T | 8mm bolts for ganging BGR and SNE via threaded inserts |



### Ganging Hardware

- Makes ganging racks easier, comes as a set of two 13mm magnetic sockets

| Part #  |
|---------|
| MAG-1/2 |





### Touch-Up Paint

- 0.6 fluid oz. of paint and applicator for minor finish touch-ups

| Part #  |
|---------|
| WRINKLE |

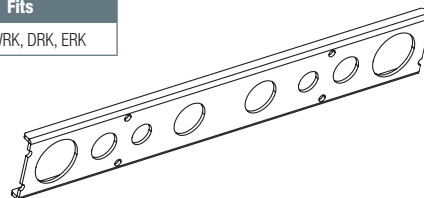


WRINKLE

### Rack Electrical Isolation Knockout Panel

- Replaces standard rear electrical knockout plates to isolate connections from rack

| Part #  | Fits               |
|---------|--------------------|
| ISO-KOP | MRK, WRK, DRK, ERK |



ISO-KOP

### Micro Fiber Cloth, Anodized Panels

- Reuseable, non-abrasive and lint free cloths to keep installations clean

| Part #  |
|---------|
| PNL-CLN |

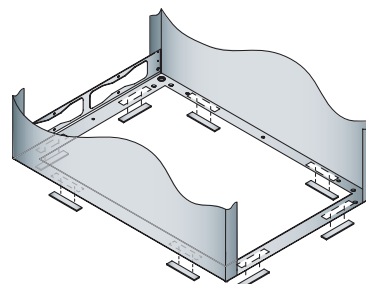


PNL-CLN

### Rack Ground Isolation Kit

- Isolate the rack from conductive flooring materials
- Consists of eight 102mm long strips of 3mm thick non-conductive polycarbonate

| Part # |
|--------|
| ISO-1  |

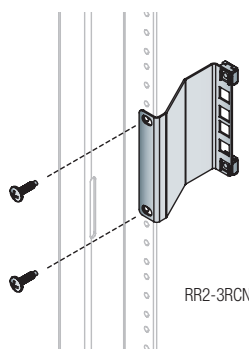


ISO-1

### 2 Space Rackrail Recessor, 76mm Depth

- Enables installer to recess equipment 76mm behind rackrail
- Comes as a pair

| Part #   |
|----------|
| RR2-3RCN |



RR2-3RCN



Rear Hanging Brackets

- Additional support for equipment with rear mounting ears

| Part # | Racking Height      |
|--------|---------------------|
| RH2    | 89mm (2 rackspace)  |
| RH3    | 133mm (3 rackspace) |
| RH4    | 178mm (4 rackspace) |



RH-2

Rack Sack™ Equipment Cover

- Rack Sack™ protects an installation in progress from dust and contact

| Part #  | Dimensions                   |
|---------|------------------------------|
| RS-6036 | 1524mm h x 508mm w x 914mm d |
| RS-8436 | 2134mm h x 635mm w x 914mm d |

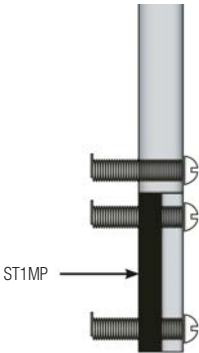


RS-6036

Shim Tabs, 100 Pieces

- 2mm thick shims can be used to make faceplates flush

| Part # | Racking Height      |
|--------|---------------------|
| ST1MP  | 44mm (1 rackspace)  |
| ST3MP  | 133mm (3 rackspace) |



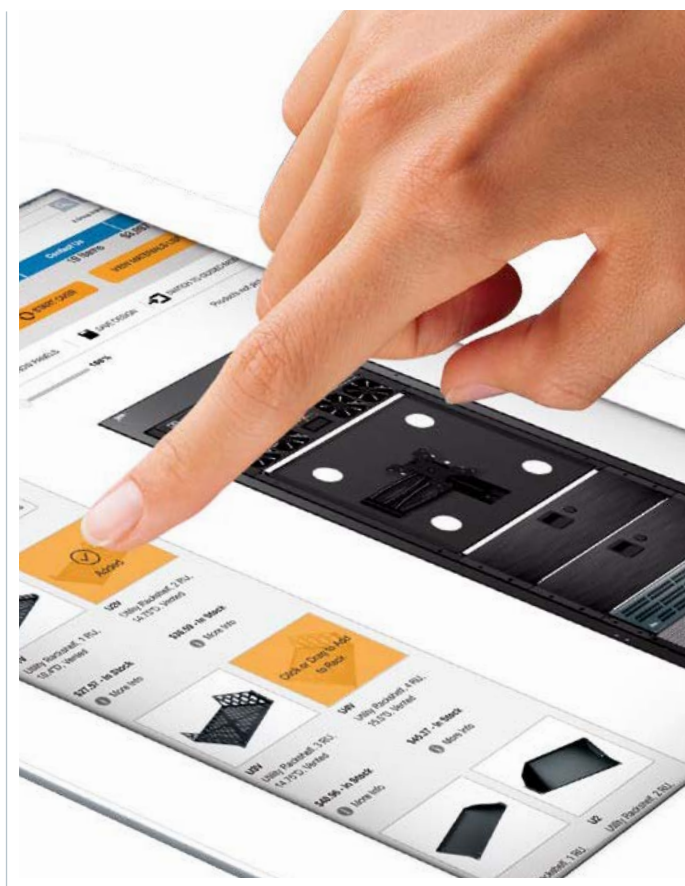
Rackspace Ruler

- 4877mm tape measure with traditional measurement, rackspace markings and audio/data formulas

| Part # |
|--------|
| RULER  |



RULER



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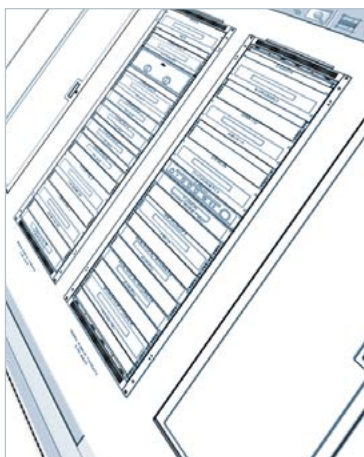




### Middle Atlantic Designer™

Free 3D layout software for creating full consoles, video walls and room layouts.

- Quickly and easily create full system designs in 3D
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- Creates Retail quotes
- Delivers design specifications
- Features include:
  - Line-of-site tool
  - Note tool
  - Exports to AutoCAD in 2D and 3D
  - Automatic software updates & Full color design
- Only works on PC



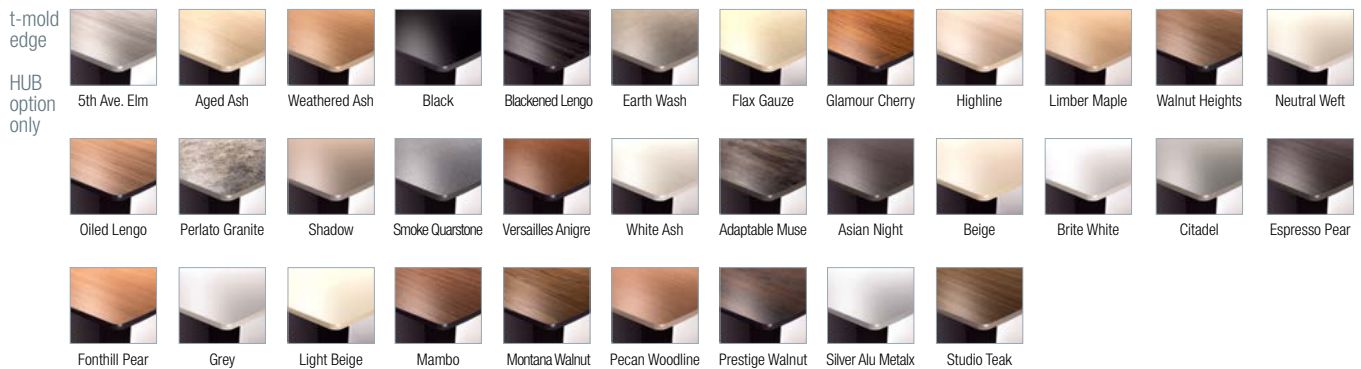
### RackTools®

Middle Atlantic Products is pleased to announce the release of RackTools® 3.5. We've updated RackTools® to make creating a system layout even faster and easier than before. Through improved navigation, smaller files sizes and faster running, this is the easiest way to lay out an enclosure system.

RackTools® software increases the efficiency of your business by allowing engineers and salespeople to quickly and easily specify Middle Atlantic Products, and create accurate rack elevation, plan, side and rear view drawings, purchase orders, and quotes in minutes.



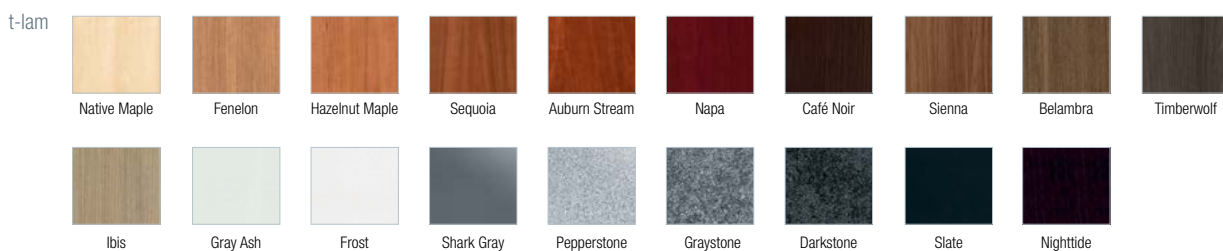
## HPL Options | HUB, C5 & L5 (L5 - Sota style only)



## Veneer Options | C5 & L5



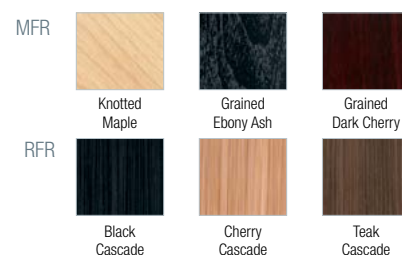
## Thermolaminate Options | C5, L5 & TechPed™



## Semi-Custom Colors



## Fused Acrylic Melamine Options | MFR & RFR





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