

PROTECTOR™ server and network cabinets are a reliable way to keep sensitive electronics safe. The professional design features a ventilation rate of more than 74%, providing adequate cooling for the entire system. With integrated power and cable management; plus a full selection of accessories, PROTECTOR server and network cabinets will make integrating your data center or data closet fast and easy.



Features

- Curved locking front door with ventilation rate above 80%
- Split "french style" locking rear door with ventilation rate above 80%
- Horizontally split locking side panels make access easy
- Two heights, two depths, and two widths available
- Rear vertical cable managers (two) included
- Square hole mounting rails are adjustable front to rear
- Grounding kit included
- Levelers and heavy duty casters come standard
- Full range of optional accessories
- 5 year warranty

Paint/ Finish

Textured black powder

Static Load Rating

3000 lbs. [1364 kg.]

Dynamic Load Rating

2400 lbs. [1088 kg.]

Industry Standards

EIA 310-D

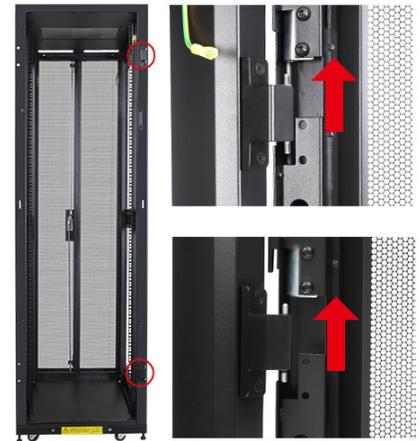


Adjustable Mounting Rails

Fully adjustable front to rear.
Numbers assist with alignment.
Square holes accept Rackstuds™

Lift Off Doors

Quick release. Easy on and off.
Field reversible. 140° of rotation.
Ground wire and locks included.

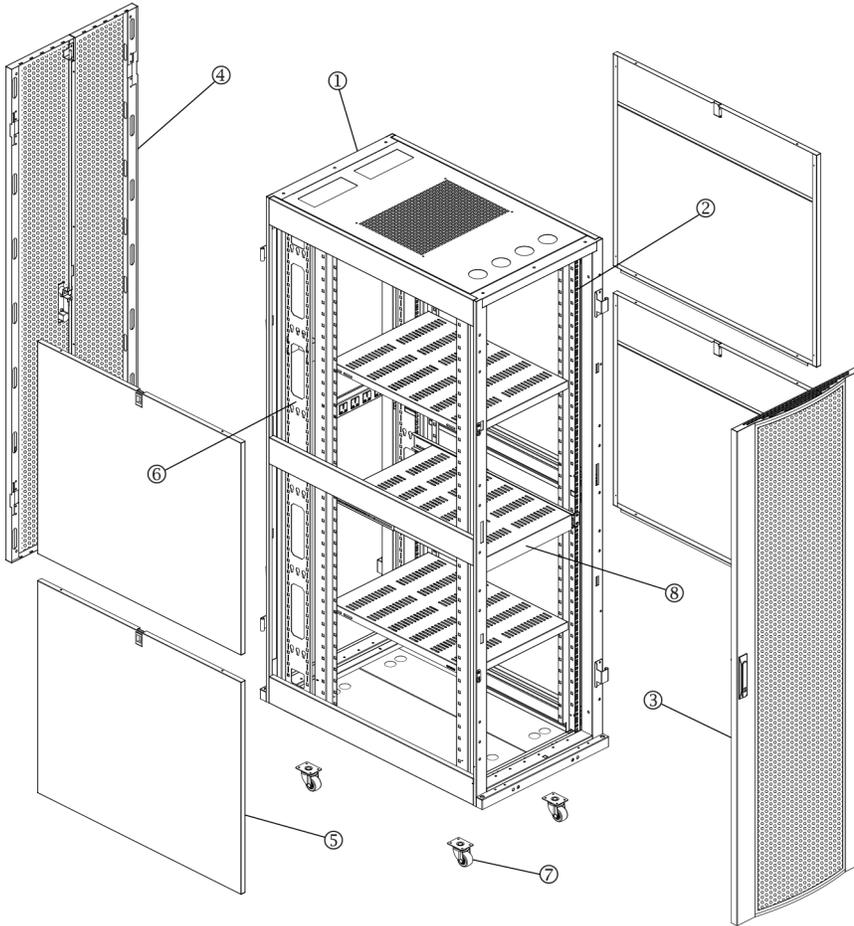


Integrated Cable Management

Vertical cable managers are included with every cabinet. Use the managers to route cables or mount power strips. In addition, the top and bottom panels include integrated cable entry/exit points.



Components



Components

01	Frame
02	Mounting Rail
03	Front Door
04	Rear Panel
05	Side Panel
06	Vertical Cable Manager
07	Heavy Duty Caster
08	Shelf (optional)

Material

Frame	12 Gauge
Mounting Rail	12 Gauge
Top/Bottom	12 Gauge
Front/Rear Door	14 Gauge
Side Panel	16 Gauge

Optional Accessories



Airflow



Shelves



Rackstuds™

Easy Ordering Part Numbers

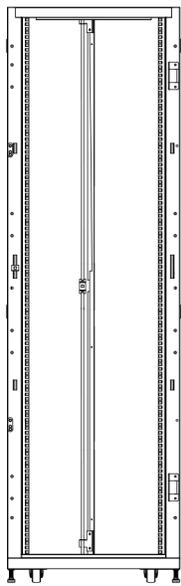
Includes: Frame, 2 Pair Square Hole Rails, Solid Side Panels, Perforated Door on Front, Split Perforated "French Style" Door on Rear, Top with Cable Knockouts and Cooling Provisions, Bottom Panel, 2 Vertical Lacing Panels, Casters, and Levelers.

600mm Width Catalog Number	Overall Dimensions H x W x D in. [mm]	Rack Units
DC-42U2442-P	78.84" x 24.00" x 42.12" [2000 x 600 x 1070]	42U
DC-42U2448-P	78.84" x 24.00" x 47.25" [2000 x 600 x 1200]	42U
DC-47U2442-P	86.61" x 24.00" x 42.12" [2200 x 600 x 1070]	47U
DC-47U2448-P	86.61" x 24.00" x 47.25" [2200 x 600 x 1200]	47U

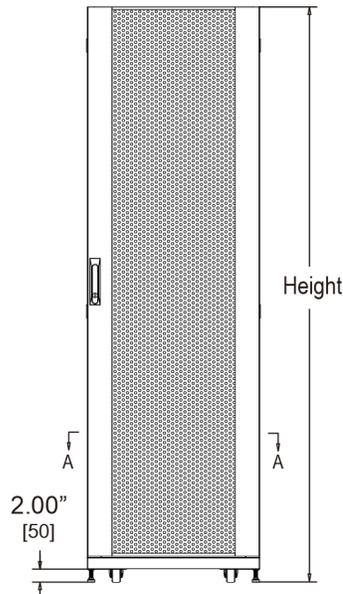
800mm Width* Catalog Number	Overall Dimensions H x W x D in. [mm]	Rack Units
DC-42U3242-P	78.84" x 31.50" x 42.12" [2000 x 800 x 1070]	42U
DC-42U3248-P	78.84" x 31.50" x 47.25" [2000 x 800 x 1200]	42U
DC-47U3242-P	86.61" x 31.50" x 42.12" [2200 x 800 x 1070]	47U
DC-47U3248-P	86.61" x 31.50" x 47.25" [2200 x 800 x 1200]	47U

*Rails centered in 800mm opening

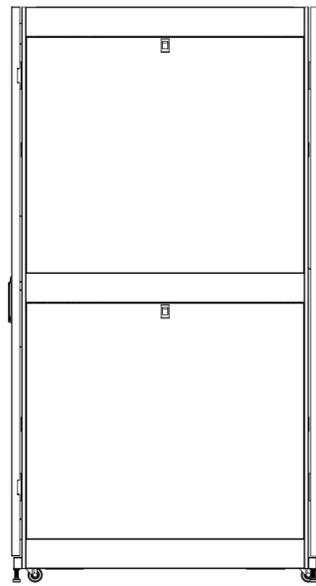
Technical Specifications



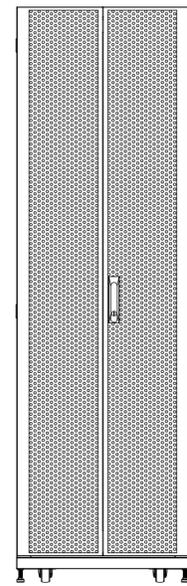
Front (w/o front door)



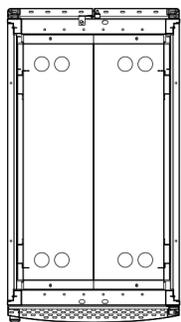
Front



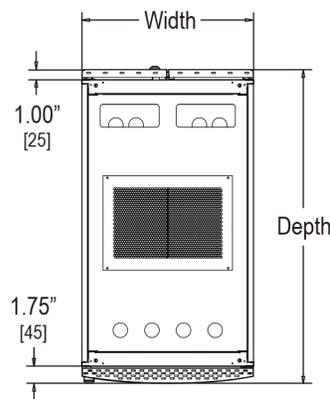
Side



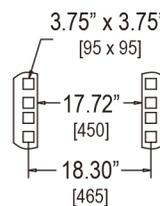
Back



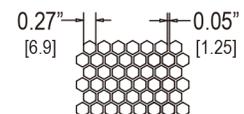
A-A Section



Top



Mounting Dimension



Scale 6:1

Accessories

Karis offers a variety of accessories for use in data center server and wall mounted cabinets. Depending on your application needs; select from shelves, cable managers, lanking panels, airflow devices and more.

KEY: **C** PROTECTOR SERVER CABINETS
W PROTECTOR WALL MOUNT CABINETS

Fan Kit



Catalog Number **W**

DWM-FANKIT-P



Catalog Number **C**

DC-FANKIT-P



Catalog Number **W**

DWM-1USH450-P

Used in 450mm deep wall cabinets

Catalog Number **W**

DWM-1USH650-P

Used in 650mm deep wall cabinets

2U Locking Drawer



Catalog Number **C**

DC-2U-DWR-P

Caster for Wall Mounts Cabinets



Catalog Number **W**

DWM-CASTERKIT-P

150kg Non Locking Caster (each)



Catalog Number **W**

DWM-CASTERKITLK-P

250kg Locking Caster (each)

Keyboard Tray



Catalog Number **C**

DC-KT-P

Ramp



Catalog Number **C**

DC-RAMP-P

Accessories

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KEY: **C** PROTECTOR SERVER CABINETS
W PROTECTOR WALL MOUNT CABINETS

1U Cable Manager with Finger Duct



Catalog Number **C W**
 DC-CMH-1UFD-P

1U Metal Blanking Panel



Catalog Number **C W**
 DC-1U-XPN-P

1U Cable Manager with D-Rings



Catalog Number **C W**
 DC-CMH-1UDR-P

2U Metal Blanking Panel



Catalog Number **C W**
 DC-2U-XPN-P

Lacing Panel



Catalog Number **C W**
 DC-CMH-1ULP-P

1U Toolless Plastic Blanking Panel



Catalog Number **C W**
 DC-1U-PPN-P

Lacing Bar



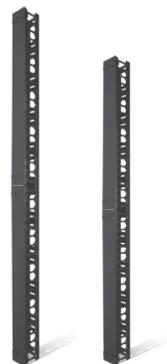
Catalog Number **C W**
 DC-CMH-1ULB-P

1U Brush Grommet Panel



Catalog Number **C W**
 DC-CMH-1UBGR-P

Vertical Cable Managers for 800mm Wide Server Cabinets



Catalog Number **C**
 DC-CMV-47U800-P
 Used in 47U tall cabinets

Catalog Number **C**
 DC-CMV-42U800-P
 Used in 42U tall cabinets

1U Brush Grommet Panel w/ Lacing Bar



Catalog Number **C W**
 DC-CMH-1UBGRL-P

Rack Studs™

Rackstuds™ are the revolutionary replacement for cage nuts which are used to mount IT, Pro A/V, Security, and Telecommunications equipment in 19" racks.

Rackstuds make it much easier to mount your gear because they go in from the front and provide you with a place to support your equipment while you spin on the lock nut. This makes inserting and removing Rackstuds much quicker and assists with mounting heavy equipment as it no longer needs to be balanced in one hand.

Rackstuds are much simpler, faster, safer and very strong.



Red: compatible with 14-gauge material



Blue: compatible with 12-gauge material

FAST - Unlike cage nuts, Rackstuds go in from the front which greatly simplifies their installation. Rackstuds can be installed in seconds and are just as easy to remove and reuse. Populating a rack with equipment using Rackstuds is much faster and over the course of a rack build, can save you many hours. A typical network switch can be installed in under 55 seconds! Rackstuds are also tool free and can be tightened sufficiently by hand, saving you even more time.

SAFE - Rackstuds are made from a non-conductive fiber reinforced thermoplastic so they won't pose an electrical threat to you or your gear. They are color coded too, so if you drop one they are easy to find and being plastic, they won't scratch your equipment either. However, we do not recommend transporting a rack populated with equipment in it if they are being held in with Rackstuds. This is NOT safe.

STRONG - Rackstuds are made from Grivory™, no ordinary plastic. It is often used as a metal replacement. If you flex the spring section on the Rackstud, you will see that it feels more like metal than it does plastic. Rackstuds can safely hold 20 kgs/44 lbs across all four studs. If you intend to mount shelves that are attached both front and rear increasing the weight limit would not be an issue.

UNIVERSAL - Rackstuds are designed to fit EIA square punched rails with 9.5mm (3/8"). Field trials revealed that the hole is unfortunately not standardized and varies +/- .2mm. Rackstuds can accommodate these variations in hole size. Rackstuds will work with both 14-gauge or 12-gauge thick rails. Be sure to select the appropriate color -red or blue- for the material. The maximum recommended equipment faceplate thickness is 4mm (0.157").