

Total cost of ownership looms large when designing and creating tomorrow's data centers. Emcor addresses these issues with our flexible platform, GUARDIAN™. Integrated power, cabling and air flow solutions are standard on Guardian server cabinets, and make data center management simpler. Modified or custom designs are available by contacting your local sales representative or contacting us directly.

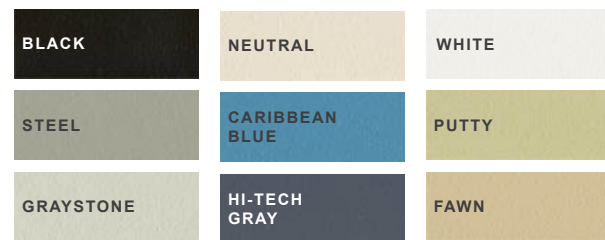


Features

- Fully welded, robust steel frame
- Compatible with overhead cabling and raised floor cabling systems
- Perforated front and rear doors allow maximum air movement around equipment
- Frames fit together quickly, even with sides on, for easy installation in ganged applications
- Locking swing handle on front door provides easy but controlled access; two keys included
- Rear doors are split for easy access and include 3-point, low profile, locking swing handle
- Two sets of 19" EIA square-hole rack angles support both front and rear of equipment
- Rails are infinitely adjustable from front to rear for positioning flexibility

Paint

Color: Select from one of nine proprietary color options.



Finish

Our products are finished in textured powder paint. Powder coating provides a durable high-quality finish.

Static Load Rating

3000 lbs. [1364 kg.]

Industry Standards

EIA 310-D



Mounting Rails

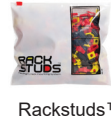
Square hole rails with U markings prominently displayed allow equipment location to be easily identified. The U markings are visible with the equipment installed. The mounting rails are compatible with M6, 10-32, or Rackstuds™ hardware.



M6 Hardware



#10/32 Hardware



Rackstuds™

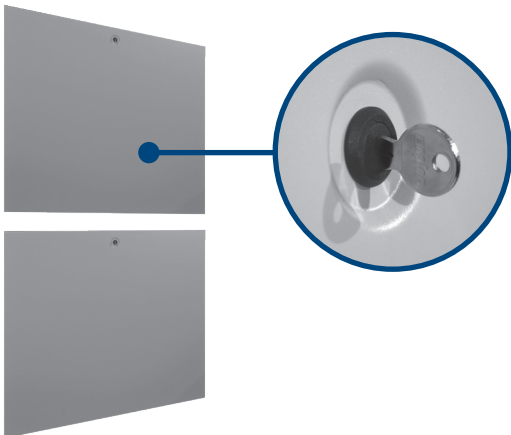
Rail Adjustability

No tools are required to position or re-position the mounting rails at the proper depth. Dots above and below the slot in the strut aid in alignment.



End of Row Side Panels

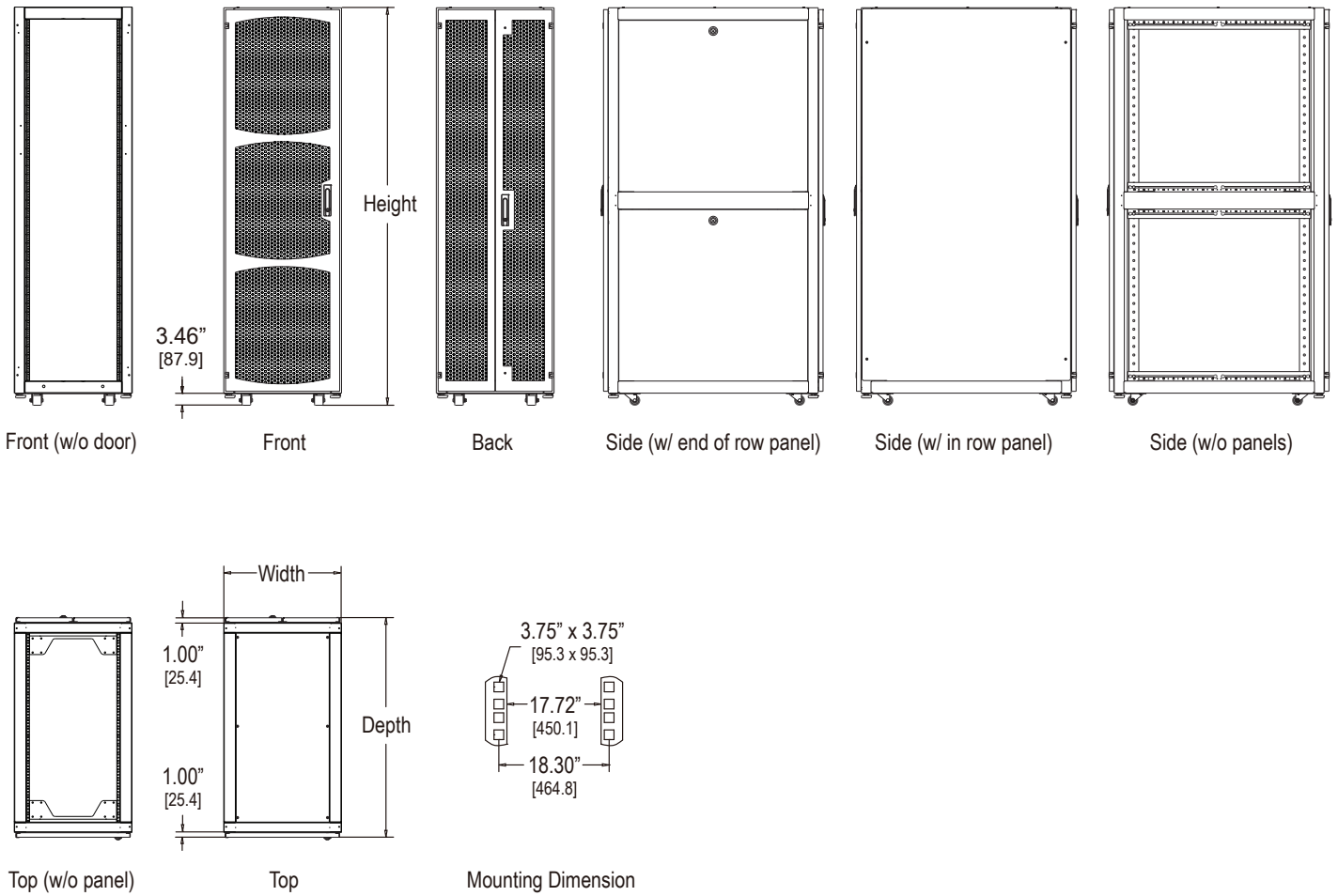
Two piece panels are easier to remove, handle, and store than heavy one piece panels. The locking mechanism has been recessed to allow frames to be placed next to one another if barrier panel is not used.



Joining Made Easy

GUARDIAN server cabinets can be joined together with simple hardware. Join frames when they are empty or fully populated.

Technical Specifications



Modifications and Customizations

Emcor leverages a robust base of standard products to provide the best combination of affordable customized solutions through a wide spectrum of modifications including; height/width/depth, ground studs, cut-outs, paint, decals, and more. The benefits of having an enclosure tailored individual specifications are:

- Saves significant costs and effort
- Eases the installation or service of equipment
- Enables better system performance

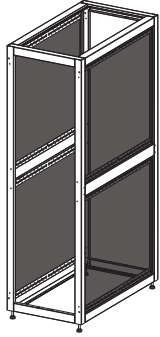
The chart below shows typical ranges to which the GUARDIAN product line can be modified in terms of usable height, depth and width. Standard* sizes are indicated.

U's	1U	3U	5U	7U	9U	11U	13U	15U	17U	19U	21U	23U	25U	27U	29U	31U	33U	35U	37U	39U	41U	43U	45U	47U	49U
Inches Height	1.75	5.25	8.75	12.25	15.75	19.25	22.75	26.25	29.75	33.25	36.75	40.25	43.75	47.25	50.75	54.25	57.75	61.25	64.75	68.25	71.75	75.25	78.75	82.25	85.75
Usable Height																									
Overall Depth																									
Overall Width																									

to 61U

*Modifications to the standard foot-print may affect static load ratings, center of gravity and other performance.

Easy Ordering Part Numbers



Includes: Frame, 2 Pair Square Hole Rails, Perforated Door on Front, Split Perforated “French Style” Door on Rear, Solid Side Panels, Solid Top with Cable Knockouts, Casters, and Levelers.

Part Number	Overall Dimensions H x W x D in. [mm]	Rack Units
DC-24U2436-G	50.50" x 24.00" x 37.75" [1283 x 600 x 960]	24U
DC-42U2436-G	82.00" x 24.00" x 37.75" [2083 x 600 x 960]	42U
DC-45U2436-G	87.25" x 24.00" x 37.75" [2216 x 600 x 960]	45U
DC-48U2436-G	92.50" x 24.00" x 37.75" [2350 x 600 x 960]	48U

Part Number	Overall Dimensions H x W x D in. [mm]	Rack Units
DC-24U2443-G	50.50" x 24.00" x 44.75" [1283 x 600 x 1135]	24U
DC-42U2443-G	82.00" x 24.00" x 44.75" [2083 x 600 x 1135]	42U
DC-45U2443-G	87.25" x 24.00" x 44.75" [2216 x 600 x 1135]	45U
DC-48U2443-G	92.50" x 24.00" x 44.75" [2350 x 600 x 1135]	48U

Part Number	Overall Dimensions H x W x D in. [mm]	Rack Units
DC-24U2448-G	50.50" x 24.00" x 50.00" [1283 x 600 x 1270]	24U
DC-42U2448-G	82.00" x 24.00" x 50.00" [2083 x 600 x 1270]	42U
DC-45U2448-G	87.25" x 24.00" x 50.00" [2216 x 600 x 1270]	45U
DC-48U2448-G	92.50" x 24.00" x 50.00" [2350 x 600 x 1270]	48U