Net-Access™ Extended Server Cabinets – 32" x 48"

specifications

The 32" x 48" Net-Access™ Server Cabinets shall consist of welded metal frames available in 31.5" (800mm) widths, 48.9" (1242mm) depths, and 42 RU or 45 RU heights. Cabinet equipment rails shall be adjustable up to 29" (736mm). Top panels shall include multiple openings with molded edge protection for cable entry. Cabinets shall include front single hinge doors with 63% open perforation and rear split doors. Cabinets shall include vertical blanking panels on the front to direct cold air into the EIA aperture opening and prevent hot air recirculation. Cabinets shall include rear cable management fingers and POU mounting brackets. The entire cabinet shall be fully electrically bonded, including equipment rails, doors, and side panels. Single point bonding locations shall be available at the top and bottom of each cabinet. Cabinets shall have a UL listed 2500 lbs. load rating.

technical information

Dimensions:	42 RU – 31.5"W (800mm) x 48.9"D (1242mm) x 78.8"H (2000mm) – with doors
	45 RU – 31.5"W (800mm) x 48.0"D (1219mm) x 84.0"H (2134mm) – without doors
	45 RU – 31.5"W (800mm) x 48.9"D (1242mm) x 84.0"H (2134mm) – with doors
Material:	Galvannealed steel with durable black polyester epoxy powder coat finish
Compliance:	EIA-310-D
	TIA/EIA-942
	UL Listed 2500 lbs. (1134 kg) static load rating
Packaging:	Cabinet ships assembled, one per pallet

key features and benefits

Versatility	Wide range of cabinet designs optimized for specific thermal applications, resulting in improved thermal efficiencies and reductions in energy expenditures
Rapid deployment	Cable management and power outlet unit (POU) mounting brackets included to speed deployment; infinitely adjustable rails can be quickly repositioned
Bonding	Cabinets and accessories are single-point bonded, providing a safe and reliable network while reducing installation costs
Modular cable management fingers	Provides bend radius control for each rack unit and can be positioned where required on two rear posts for cable protection for increased network availability; provides design flexibility, scalability, and improved aesthetics for easier moves, adds, and changes
Thermal management	Optional vertical exhaust system channels hot air from equipment to return plenum eliminating mixing of cooling and exhaust air enabling energy savings and improved performance
Energy efficiency	Provides optimal cable management for engineered thermal management; allows migration path for higher thermal densities including VED reducing energy expenses
Expansive offering	Cabinets are offered in 42 RU and 45 RU heights, with configurations that meet specific thermal requirements
Modular cable management channels	Provides optimal and discreet channels for managing and protecting cables contributing to increased network availability

applications

The 32" x 48" Net-Access™ Server Cabinets are engineered to provide a best in class server cabinet solution for your data center. The extended depth supports deeper server and UCS equipment and provides room in the rear of the cabinet for power outlet unit (POU) management. Cabinets are available in hot aisle/cold aisle, cold aisle containment, or vertical exhaust duct applications. VED solutions provide optimized cooling management for high-density server deployment and heat loads. All cabinets are compatible with the CabRunner® Overhead Cable Routing System.

Net-Access™ Server Cabinets for use in Hot Aisle/Cold Aisle or Cold Aisle Containment Applications

45 RU, front single hinge door, rear perforated split doors, no side panels, cage nut rails:	CS28
45 RU, front single hinge door, rear perforated split doors, no side panels, cage nut rails – mounted numbers up:	CS28NU
45 RU, front single hinge door, rear perforated split doors, (1) side panel – left side, cage nut rails – mounted numbers up:	CS28LNU
42 RU, front single hinge door, rear perforated split doors, no side panels, cage nut rails – mounted numbers up:	CS282NU
45 RU, no doors, no side panels, cage nut rails:	CS348

Net-Access™ Server Cabinets for Use with Vertical Exhaust Ducting

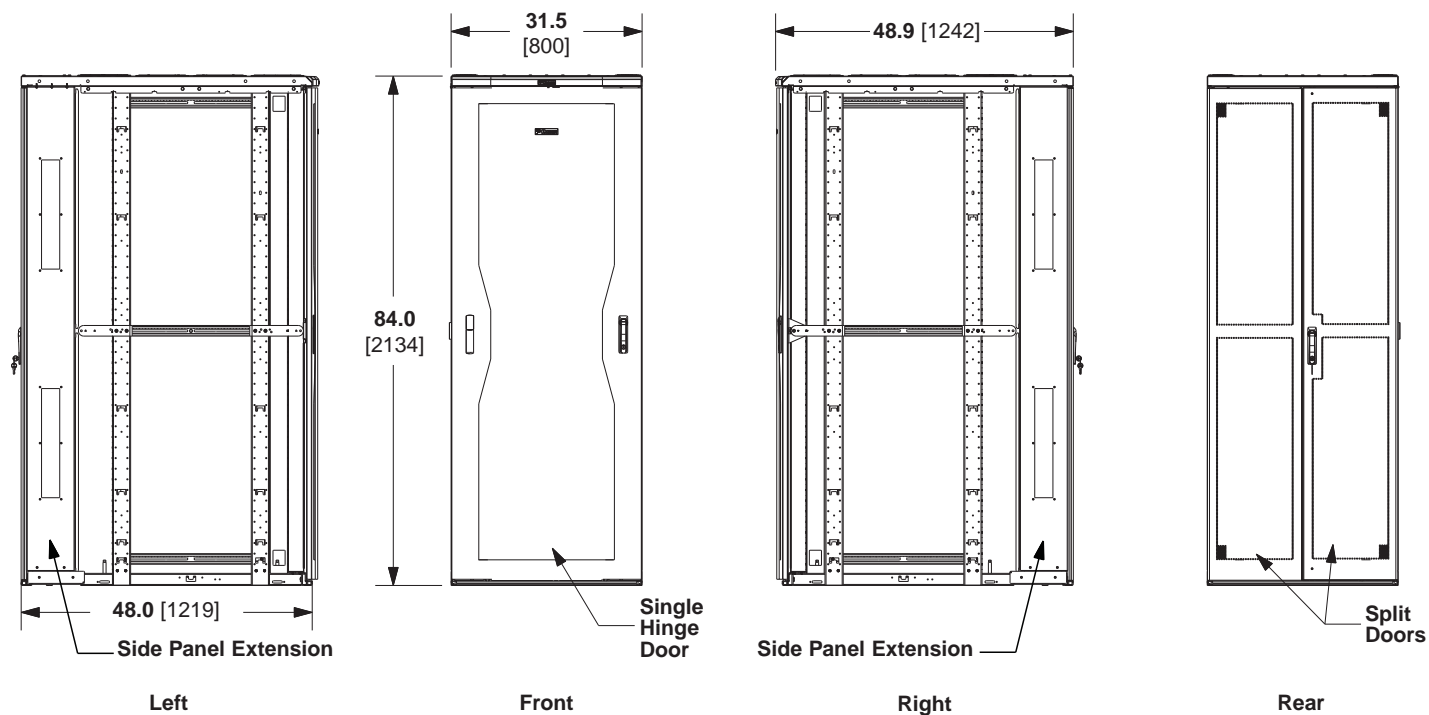|	
45 RU, front single hinge door, rear solid split door, (2) side panels, vertical blanking panels, cage nut rails – mounted numbers up:	CS18HNU
45 RU, front single hinge door, rear solid split door, no side panels, vertical blanking panels, cage nut rails – mounted numbers up:	CS28HNU

Vertical Exhaust Ducting

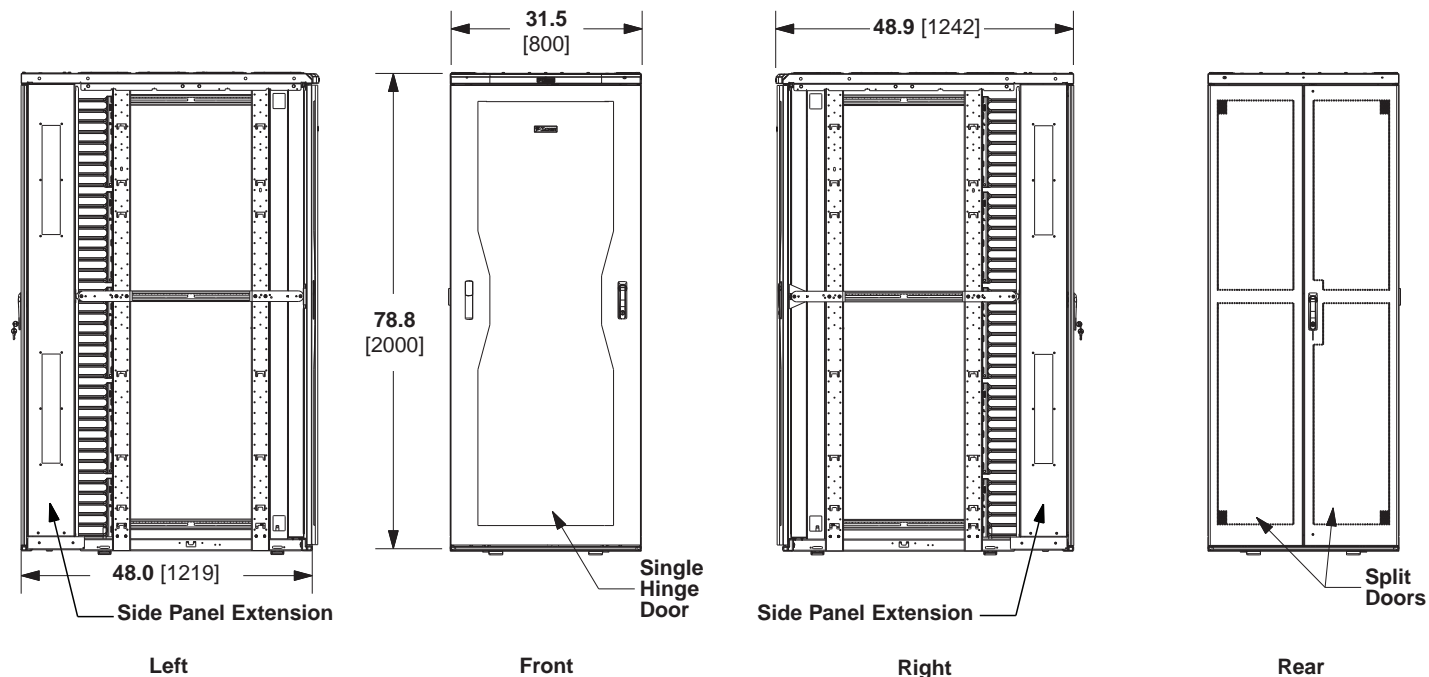|	
Height adjustable – from 42" to 70" (1067mm to 1778mm):	CVED32VE
Height adjustable – from 21" to 45" (533mm to 1143mm):	CVED32VEN
Height adjustable – from 20" to 38" (508mm to 965mm):	CVED32VES

Accessories

45 RU side panel:	CNPS
42 RU side panel:	CNPS2
Additional POU bracket:	CVPDUB48
End cable slack spools:	CNPSE
Center cable slack spools:	CNSPCA
Casters:	CNCSTR
Vertical patch panel bracket:	CVPPB
Adjustable cable support bridge:	CSBA

Net-Access™ Extended Server Cabinets – 32" x 48"

45 RU cabinet dimensions

31.5 [800]

48.9 [1242]

84.0 [2134]

48.0 [1219]

Side Panel Extension

Single Hinge Door

Side Panel Extension

Split Doors

Left **Front** **Right** **Rear**

42 RU cabinet dimensions

31.5 [800]

48.9 [1242]

78.8 [2000]

48.0 [1219]

Side Panel Extension

Single Hinge Door

Side Panel Extension

Split Doors

Left **Front** **Right** **Rear**

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