Net-Access™ S-Type Cabinets – 42 RU

Product Available December 15, 2012

s p e c i f i c a t i o n s

The Net-Access™ S-Type Cabinets shall consist of metal frames available in 600mm (23.6"), 700mm (27.6"), and 800mm (31.5") widths, 1067mm (42.0") and 1219mm (48.0") depths, and multiple heights. The top of cabinet includes molded edge protection and snap-in covers, and preinstalled in cable entry openings to prevent air leakage. Cabinets shall include front single hinge doors with 69% open perforation and rear perforated or solid split doors. Cabinets shall have rails with provisions for rear cable management fingers (some finger sold separately) or to accept Zero RU QuickNet™ Style Inserts. The entire cabinet shall be fully electrically bonded, including equipment rails, door and side panels. Single point bonding locations shall be available at the top and bottom of each cabinet. Cabinets shall have a 1360kg (3000 lbs.) load rating and 1020kg (2250 lbs.) rolling load rating.

t e c h n i c a l   i n f o r m a t i o n

Dimensions:	42 RU – 600mm W (23.6") x 1067mm D (42.0") x 2026mm H (79.8") 42 RU – 600mm W (23.6") x 1219mm D (48.0") x 2026mm H (79.8") 42 RU – 700mm W (27.6") x 1067mm D (42.0") x 2026mm H (79.8") 42 RU – 700mm W (27.6") x 1219mm D (48.0") x 2026mm H (79.8") 42 RU – 800mm W (31.5") x 1067mm D (42.0") x 2026mm H (79.8") 42 RU – 800mm W (31.5") x 1219mm D (48.0") x 2026mm H (79.8")
Rail span by	1067mm (42"): 32mm – 439mm, and 524mm – 932mm (1.3" – 17.3" and 20.6" – 36.7") 1219mm (48"): 32mm – 515mm, and 600mm – 1084mm (1.3" – 20.3" and 23.6" – 42.7")
Material:	Steel with durable black, white, or gray polyester epoxy powder coat finish
Compliance:	EIA-310-D TIA/EIA-942
Packaging:	Cabinet ships assembled, one per pallet

k e y   f e a t u r e s   a n d   b e n e f i t s

Versatility	Wide range of cabinet designs available for specific thermal applications, resulting in improved thermal efficiencies and reductions in energy expenditures
Thermal efficiency	Integral blanking panels and cabinet sealing features reduce bypass air and mixing of cold air and exhaust air within the cabinet for improved thermal efficiency
Total air sealing	Panduit cabinets, thermal ducting, cool boot product, blanking panels, blanking foam strips, and blanking shade provide a complete thermal and sealing solution (parts sold separately)
Aesthetics	N-Type and S-Type cabinets can be ganged together for complete streamlined appearance improving data center aesthetics
Rapid deployment	Integrated casters to provide easy roll off on flat top pallets. Cable management ready rails included help speed deployment; easily adjustable rails can be quickly repositioned; heavy duty leveling legs can be accessed from top or bottom for faster deployment
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 cabinet posts for cable protection for increased network availability; provides design flexibility, scalability, and improved aesthetics for easier moves, adds and changes
Expansive offering	Multiple cabinet configurations for hot aisle/cold aisle, cold aisle containment, or vertical exhaust ducting deployments
Durable coating	Cabinets are powder coated in a durable polyester paint available in black (RAL9005), or white (RAL9003)

a p p l i c a t i o n s

Net-Access™ S-Type Cabinets provide unparalleled value incorporating integral thermal sealing and cable management options that provide cost effective solutions to meet the diverse application needs of today's data centers. Complete range of sizes and seamless integration with Net-Contain™ VED and Cold Aisle Containment Systems optimize thermal efficiency across virtually any data center application. Zero RU E-rail and outset cable entry enables vertical patching for 600mm (24") wide cabinets gaining up to 4 RU's per cabinet, optimizing cabinet and data center utilization.

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Net-Access™ S-Type Cabinets

600mm x 42 RU x 1067mm	
42 RU, single hinge perforated front door, rear perforated split doors, (2) side panels, casters, pou brackets, cage nut rails:	S6212*
42 RU, single hinge perforated front door, rear perforated split doors, (2) side panels, casters, pou brackets, cage nut rails, zero RU QuickNet™ Style Vertical Patching Panels:	S6212*P

600mm x 42 RU x 1219mm	
42 RU, single hinge perforated front door, rear perforated split doors, (2) side panels, casters, pou brackets, cage nut rails:	S6222*
42 RU, single hinge perforated front door, rear perforated split doors, (2) side panels, casters, pou brackets, cage nut rails, zero RU QuickNet™ Style Vertical Patching Panels:	S6222*P
42 RU, single hinge perforated front door, single solid rear door, casters, pou brackets, cage nut rails, vertical exhaust ready, front and rear floor seals:	S6229*V
42 RU, single hinge perforated front door, single solid rear door, (2) side panels, casters, pou brackets, cage nut rails, vertical exhaust ready, front and rear floor seals:	S6222*V

700mm x 42 RU x 1067mm	
42 RU, single hinge perforated front door, rear perforated split doors, (2) side panels, casters, pou brackets, cage nut rails:	S7212*
42 RU, single hinge perforated front door, rear perforated split doors, casters, pou brackets, cage nut rails:	S7219*

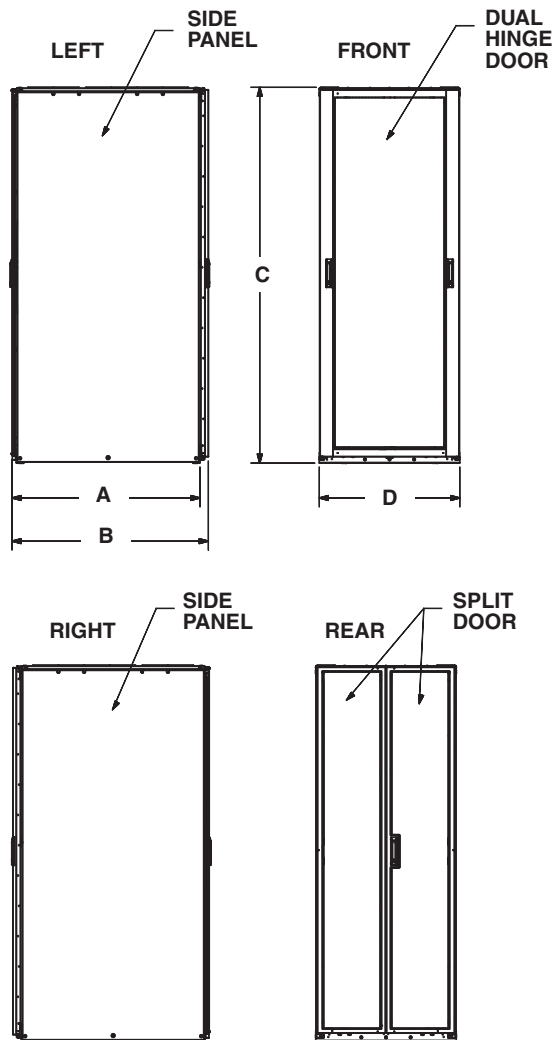| 700mm x 42 RU x 1219mm	
42 RU, single hinge perforated front door, rear perforated split doors, (2) side panels, casters, pou brackets, cage nut rails:	S7222*
42 RU, single hinge perforated front door, rear perforated split doors, casters, pou brackets, cage nut rails:	S7229*
42 RU, single hinge perforated front door, single solid rear door, casters, pou brackets, cage nut rails, vertical exhaust ready, front and rear floor seals:	S7229*V
42 RU, single hinge perforated front door, single solid rear door, (2) side panels, casters, pou brackets, cage nut rails, vertical exhaust ready, front and rear floor seals:	S7222*V

800mm x 42 RU x 1067mm	
42 RU, single hinge perforated front door, rear perforated split doors, (2) side panels, casters, pou brackets, cage nut rails:	S8212*
42 RU, single hinge perforated front door, rear perforated split doors, casters, pou brackets, cage nut rails:	S8219*

42 RU Cabinet Dimensions

LEFT **SIDE PANEL** **FRONT** **DUAL HINGE DOOR**

C

A

B

D

RIGHT **SIDE PANEL** **REAR** **SPLIT DOOR**

Cabinet Depth	Dimension A	Dimension B	Dimension C	Dimension D
1067mm	1067mm (42.0")	1115mm (43.9")	2026mm (79.8")	598mm (23.5") 698mm (27.5") 798mm (31.4")
1219mm	1219mm (48.0")	1267mm (49.9")	2026mm (79.8")	598mm (23.5") 698mm (27.5") 798mm (31.4")

Dimensions are in metric. (Dimensions in parenthesis are inches).

800mm x 42 RU x 1219mm

42 RU, single hinge perforated front door, rear perforated split doors, (2) side panels, casters, pou brackets, cage nut rails:	S8222*
42 RU, single hinge perforated front door, rear perforated split doors, casters, pou brackets, cage nut rails:	S8229*
42 RU, single hinge perforated front door, single solid rear door, casters, pou brackets, cage nut rails, vertical exhaust ready, front and rear floor seals:	S8229*V
42 RU, single hinge perforated front door, single solid rear door, (2) side panels, casters, pou brackets, cage nut rails, vertical exhaust ready, front and rear floor seals:	S8222*V

Accessories

D-ring kit for full length POU bracket 25mm (1 inch) deep:	S1DR
D-ring kit for full length POU bracket 60mm (2.4 inch) deep:	S2DR
L-ring kit for full length POU bracket 40mm (1.6 inch) deep:	S1LR
L-ring kit for full length POU bracket 70mm (2.8 inch) deep:	S2LR
42 RU 1070mm split/hinged side panel – black:	S21SPH
42 RU 1070mm split/hinged side panel – white:	S21SPHW
42 RU 1200mm split/hinged side panel – black:	S22SPH
42 RU 1200mm split/hinged side panel – white:	S22SPHW
Casters:	SCSTR4
42 RU finger kit – 100mm (4") long:	SN15F
42 RU finger kit – 150mm (6") long:	SN25F
Cool Boot ® Cabinet Top Air Sealing Fitting for 6.5 x 6.5 cabinet top opening:	CTGN6X6
Cool Boot ® Cabinet Top Air Sealing Fitting for 3.5 x 5 cabinet top opening:	CTGN3X5
Cool Boot ® Cabinet Top Air Sealing Fitting for 1.5 x 5 cabinet top opening:	CTGN1X5
Cabinet top cover and cable protection bezel for 6.5 x 6.5 cabinet top opening:	CTCN6X6
Cabinet top cover and cable protection bezel for 3.5 x 5 cabinet top opening:	CTCN3X5
Cabinet top cover and cable protection bezel for 1.5 x 5 cabinet top opening:	CTCN1X5

*Indicates optional colors. Replace * with:
B= Black, W= White, G= Gray

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