

USpace 5210

The USpace 5210 Datacentre Rack Solution is designed to meet the demands of ever increasing equipment densities while maintaining benefits in cabling access and ease of installation. The USpace 5210 enables reconfigurability and remediation, to grow and to change as the IT environment and your Data Centre needs evolve.

Four Post configuration;

This is the traditional post set-up for server cabinet applications



Standard 5210 racks include;

- Aluminium four post frame configuration, which is ideally suited to server applications (other configurations available).
- 1500kg Static load rating.
- Four infinitely adjustable, step-less, tool-less 19" mounting rails with depth markings. Rails with U markings numbered bottom to top.
- Top panel cable entry brush strip front to rear.
- Vented mesh doors front and rear with swing handles and 4 point locking.
- Quick release side panels (accessible only from inside rack).
- Earth bonding kit.
- Base Skids for easy movement on the datacentre raised floor.

Standard 5210 rack door options;

- AirTech vented V door
- AirTech vented standard door
- AirTech vented wardrobe door, suitable for narrow aisles and can also accommodate upgraded security locking.
- Solid Steel Door

5210					
General		Units	42U	47U	52U
Width Options		mm (")	600 (23.62) or 800 (31.50)		
Frame Depth	1000d and 1200d	mm (")	941.6 (37.1) or 1141.6 (44.94)		
Clad Depth	1000d and 1200d	mm (")	1000 (39.37) or 1200 (47.24)		
Height on transport skids		mm (")	2013 (79.25)	2236 (88.03)	2459 (96.81)
Height on castors		mm (")	2082 (82)	2306 (90.79)	2528 (99.53)
Height on plinth		mm (")	2099 (82.64)	2322 (91.42)	2545 (100.20)
Weight 600W x 1000D (*vent doors)		kg (lbs)	99.6 (219.6)	109.5 (241.1)	118.4 (261)
Weight 800W x 1000D (*vent doors)		kg (lbs)	114 (251.3)	124 (273.4)	134.1 (295.6)
Weight 600W x 1200D (*vent doors)		kg (lbs)	105 (231.5)	115 (253.5)	124.4 (274.3)
Weight 800W x 1200D (*vent doors)		kg (lbs)	127.3 (280.6)	137.9 (304)	148.5 (327.4)
Max rail space - plug in depth (PID)	1000d	mm (")	850 (33.46)		
	1200d		1050 (41.34)		
Load rating - Static		kg (lbs)	1500 (3307)		
Load rating - Dynamic		kg (lbs)	750 (1653.5)		
Features			Included as Standard		
Colour (cladding)			Light Grey RAL 7035, smooth polyester semi gloss powder coat		
Colour (internals e.g. rails, cable tray)			Black RAL 9005, smooth polyester semi gloss powder coat		
Rails			19" centered, set back 100mm with 30.0"/750mm between rails.		
U labels			Front and Rear		
Frame (posts)			4 Post		
Base			Transport skids		
Side panels			Secure quick release hinges		
Doors			Standard flat mesh single (options V mesh door, Double mesh door)		
Locking			4 point (6 on wardrobe) with swing handle.		
Accessories			Earth kit, baying kit		
Top cover			Side brush to rear solid to front (in two panels)		

* vent doors = Fully clad rack with 600w front and rear flat vented airtech doors or 800w front flat airtech and rear vented wardrobe doors

** Dynamic load rating is the total rolling mass of the rack and includes the rack frame, cladding and any fitted equipment and accessories and is subject to the load being evenly distributed at 20U height and below. Dynamic load relates to the movement of a rack within the same datacentre on a smooth floor clear of any obstacles. Not suitable for transportation on a vehicle when loaded to this weight

Materials and finish

Frame

Extruded aluminium

Mounting Angles

2.0mm CR4 Steel

AirTech, Airtech Wardrobe and V Doors

1.0mm, 1.2 & 2.0mm CR4 steel

Infills for 800w

1.5mm CR4 Steel

Side Panels

1.0mm & 1.2mm CR4 Steel

Standards

ANSI/EIA-310-E

IEC 60297-2

DIN EN 60297-3-100

Top Cover

1.2mm CR4 Steel



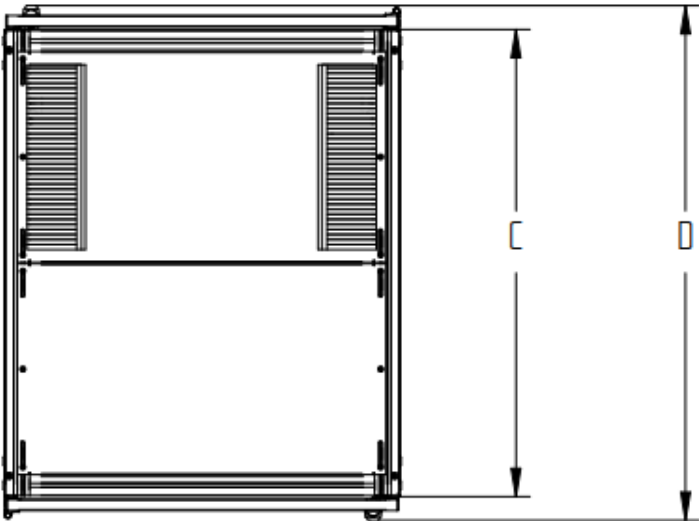
Light Grey
RAL 7035
Standard



Black
RAL 9005
Optional, with extended lead time

Semi gloss powder coat

(Other colour options are available on request)

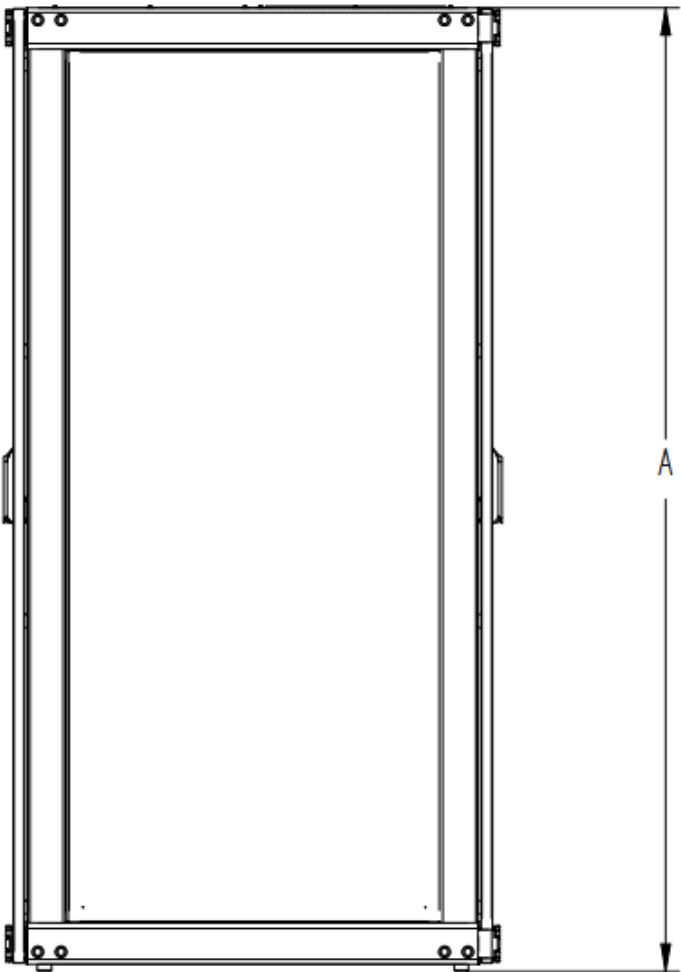
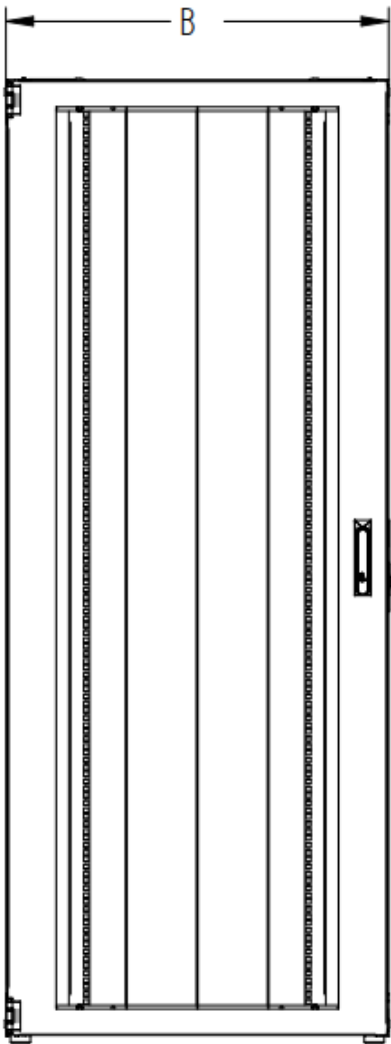


Frame Height on Skids (MAX)	42u	47u	52u
A (mm)	2013	2236	2459
A (in.)	79.25	88.03	96.81

Frame Width (MAX)	600w	800w
B (mm)	600	800
B (in.)	23.62	31.50

Frame Depth	875d	1000d	1200d
C (mm)	816.6	941.6	1141.6
C (in.)	32.15	37.1	44.94

Rack Depth (MAX)	875d	1000d	1200d	V Door (Single), dimension to add on frame depth
D (mm)	917	1042	1242	68.6
D (in.)	36.1	41.02	48.9	2.7





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Further Documentation

For additional information, please refer to the below. Available through your USystems representative, or our central enquires line at sales@usystems.com

Complete Product Range
Operations and Maintenance Manual
Troubleshooting Guide
Product Brochure

Available at www.usystems.com
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