

USpace 4210

The USpace 4210 is a standard rack range from USystems. Smart design and state of the art manufacturing facilities guarantees unbeatable quality, style and innovation associated with USystems.

Comprising of four corner posts, top and bottom end frame, depth support rails, front and rear 19" mounting angles, front infill panels (800w models), swing handle lockable front and rear door (available in a combination of options), lockable side panels (brush inserted or solid sliding panels are available options for bayed racks), vented top cover and a set of four transport castors.



Standard 4210 racks include;

- 3307.0lbs/1500kg load bearing
- 1102.31lbs/500kg dynamic load rating*
- 5 heights, 2 widths, 4 depths as standard
- Rigid bolted construction
- Superior venting standard door
- Superior venting 'V' door
- Multi depth mounting
- Multi cable access through top and base
- Quick release cladding
- Left or right hand hinged doors
- Lockable side panels
- ColdLogik compliant
- Co-location models
- Houses all major server brands

Standard 4210 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.
- Glass Door
- Solid Steel Door

4210							
General		Units	24U	30U	36U	42U	48U
Width options		mm (")	600 (23.62) or 800 (31.50)				
Depth options		mm (")	600 (23.62) or 800 (31.50) or 1000 or 47.24 (1200)				
Depth options with cladding		mm (")	660 (25.98) or 860 (33.86) or 1060 (41.73) or 1260 (49.61)				
Frame Height		mm (")	1200 (47.24)	1466 (57.72)	1867 (73.50)	1999 (78.70)	2266 (89.21)
Height on Transport castors		mm (")	1260 (49.61)	1526 (60.08)	1927 (75.87)	2059 (81.06)	2326 (91.57)
Height on Heavy Duty castors		mm (")	1270 (50.00)	1536 (60.47)	1937 (76.26)	2069 (81.46)	2336 (91.97)
Height on plinth		mm (")	1300 (51.18)	1566 (61.65)	1967 (77.44)	2109 (83.03)	2366 (93.15)
Max rail space - plug in depth (PID)	800mm deep	mm (")	28.14 (714.8)				
	1000mm deep		36.02 (914.8)				
	1200mm deep		43.89 (1114.8)				
Static Load Bearing		kg (lbs)	1500 (3306.93)				
Dynamic load rating*		kg (lbs)	500 (1102.31)				
Feature		Included as Standard					
Colour (cladding)		Black RAL 9005, smooth polyester semi gloss powder coat					
Colour (internals - rails, cable tray)		Black RAL 9005, smooth polyester semi gloss powder coat					
Rails		19" centered, set back 4.72"/120mm with 28.3"/720mm between rails.					
U labels		Front Only as Standard (option to upgrade)					
Frame (posts)		4 Post					
Base		Transport castors					
Side panels		Cam locks					
Doors		Standard flat mesh single (Options - V mesh door, Double mesh door, Glass door and Solid steel door)					
Locking		Single doors have single point locking, wardrobe have 6 point locking and V doors have 4 point locking					
Accessories		Earth kit, baying kit					
Top cover		Cable entry and top cover knocks out for retro-fitted fan trays					

*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 data centre on a smooth floor clear of any obstacles. Not suitable for transportation on a vehicle when loaded to this weight.

Materials and finish

Frame

1.2mm, 1.5mm and 2mm CR4 Steel

AirTech, Airtech Wardrobe, Steel, V and Glass Doors

1.0mm and 1.2mm CR4 Steel
4.0mm Toughened clear glass

Side Panels

1.0mm & 1.2mm CR4 Steel

Top Cover

1.2mm CR4 Steel

Mounting Angles

2.0mm CR4 Steel

Infills for 800w

1.5mm CR4 Steel

Standards

ANSI/EIA-310-E
IEC 60297-2
DIN EN 60297-3-100



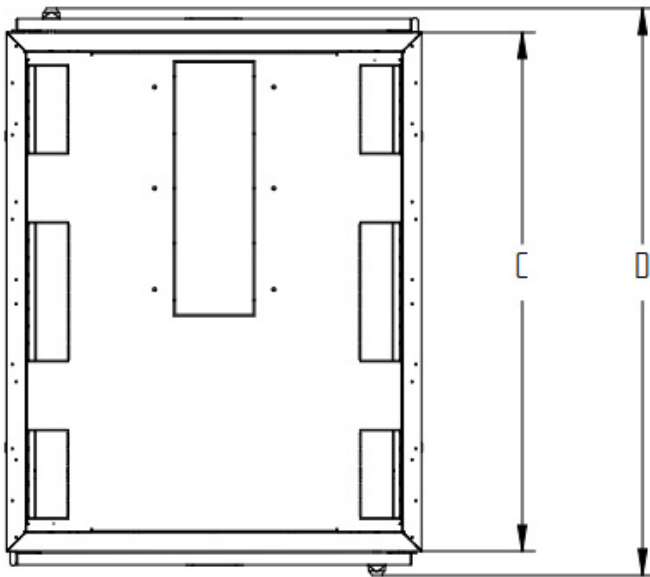
Light Grey
RAL 7035
Standard



Black
RAL 9005
Optional, with extended lead time

Semi gloss powder coat

(Other colour options are available on request)

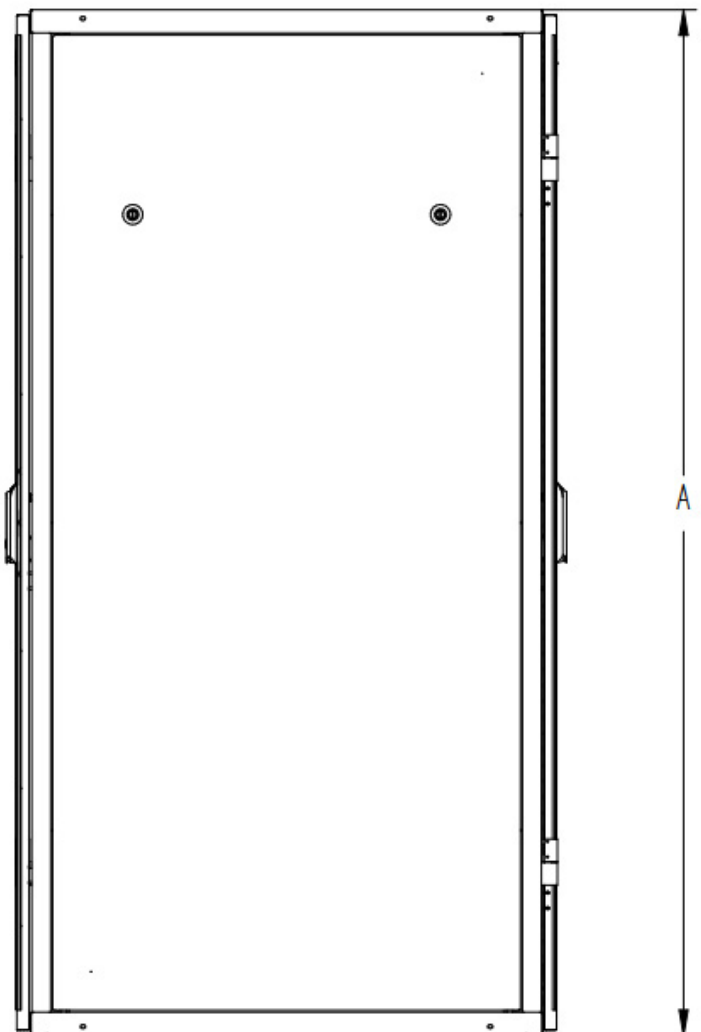
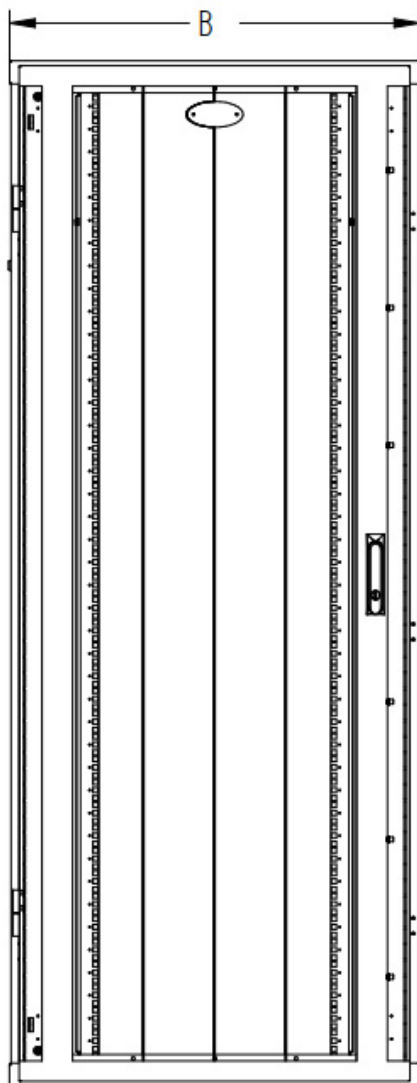


Frame Height (MAX)	24u	30u	36u	42u	48u
A (mm)	1200	1466.7	1733.4	2000.1	2266.8
A (in.)	47.24	57.74	68.24	78.74	89.24

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

Frame Depth	600d	800d	1000d	1200d
C (mm)	600	800	1000	1200
C (in.)	23.62	31.5	39.37	47.24

Rack Depth (MAX)	600d	800d	1000d	1200d	V Door (Single), dimension to add on frame depth
D (mm)	692.2	892.2	1092.2	1292.2	64.25
D (in.)	27.25	35.13	43.00	50.87	2.53





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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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