

Environ SR800 42U Rack 800x1000mm W/Vented (F) D/Vented (R) B/Panels R/Mgmt Black

Item Code: 544-42810-WDBR-BK

excel
without compromise.



✕ Choice of doors available

✕ Choice of depths available

✕ Choice of colours available

✕ 19" profiles marked with U height position

✕ Removable and sliding infill floor base panel

✕ Brush strip cable entry in roof and base of rack

Product Overview

Environ SR800 Server Racks are a versatile range of 800mm wide racks with features suitable for a wide range of high density server and equipment applications within the data, security, audio visual and telecommunications markets.

Product Specifications

Feature	Values
Number of rack units (RU)	42
Model	Server Rack
Width	800 mm
Depth	1000 mm
Height	2000 mm
Colour	Black
Number of doors	2
Front door material	Steel
Front door locking system	Two-point
Rear door material	Steel
Rear door locking system	Three-point

Environ SR800 42U Rack 800x1000mm W/Vented (F) D/Vented (R) B/Panels R/Mgmt Black

Item Code: 544-42810-WDBR-BK



Max. load capacity	1300 kg
Material	Steel
Type of surface	Powder coated
Type of ventilation	Passive
IP-rating	IP20
RAL-number	9004
Mounting Profile	Front and rear
Type of profile rail	L-shaped
Modular spacing	19 inch

Additional specifications

Features	Values
Material	SPCC Cold Rolled Steel
19" Rails	2.0 mm thick
Top bar	1.5 mm thick
Door, top panel and side frame	1.2 mm thick
Other	1.0 mm thick
Front door	2 Point Locking system
Rear door	3 Point Locking system
Side panels lock	Lockable Slam latch
Jacking feet additional height	20-80 mm
Castors additional height	70 mm

Standards

Standard	Detail
ANSI/EIA-310-E	Electronic Industries Association standard for horizontal spacing, vertical hole spacing, rack opening and front panel width
BS EN 60297-3-100:2009	Mechanical structures for electronic equipment. Dimensions of mechanical structures of the 482,6 mm (19 in) series. Basic dimensions of front panels, subracks, chassis, racks and cabinets
DIN 41494 Part 1 & 7	Panel Mounting Racks For Electronics Equipments; Racks And Panels, Dimensions; Dimensions of cabinets and

Environ SR800 42U Rack 800x1000mm W/Vented (F)
D/Vented (R) B/Panels R/Mgmt Black

Item Code: 544-42810-WDBR-BK



suites of racks

Product images



Four-way brush entry roof panel



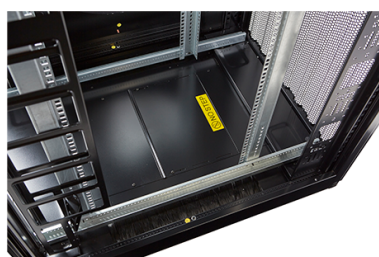
Quick-slam latch side panels



2-point lock wave vented front door



3-point wardrobe vented rear doors



Large brush strip entry



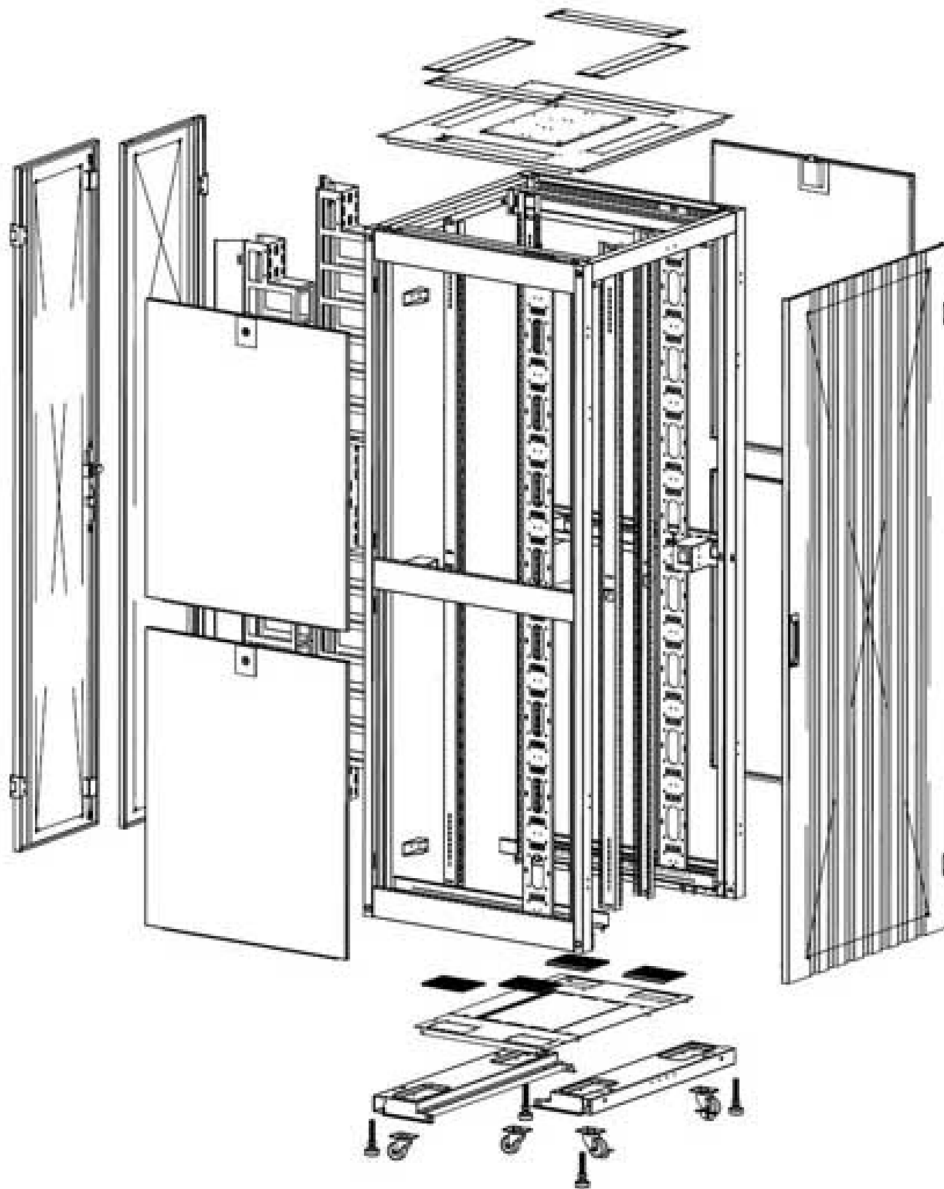
High-density vertical cable management

Environ SR800 42U Rack 800x1000mm W/Vented (F)
D/Vented (R) B/Panels R/Mgmt Black

Item Code: 544-42810-WDBR-BK



Exploded view

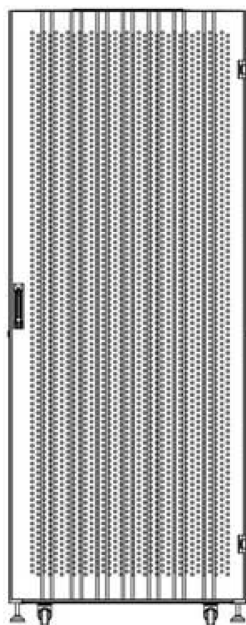


Environ SR800 42U Rack 800x1000mm W/Vented (F) D/Vented (R) B/Panels R/Mgmt Black

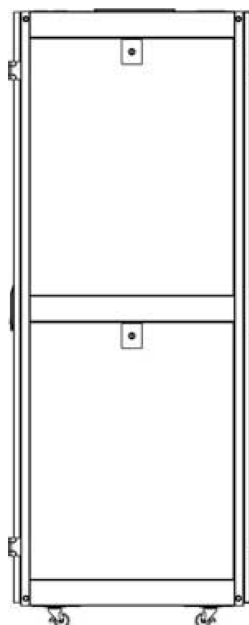
Item Code: 544-42810-WDBR-BK



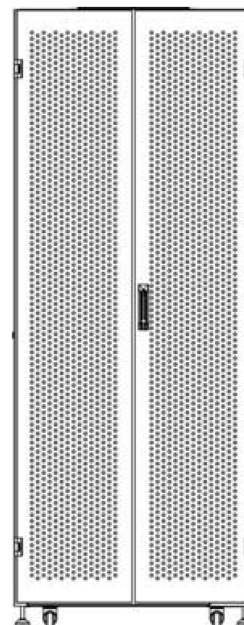
Product drawings



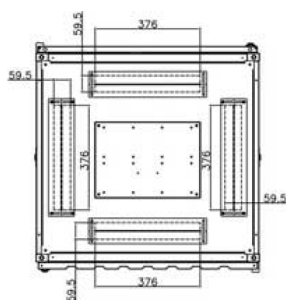
Front



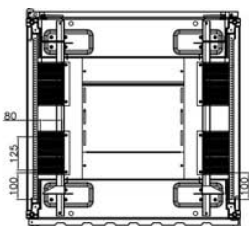
Side



Rear



Roof



Base

Overall Dimensions

Heights

29U = 1422 mm High

42U = 2000 mm High

47U = 2223 mm High

the casters add 72 mm to the height

Width

800 mm Wide

Depths

1000 mm Deep

1200 mm Deep

Part Number Table

Part Number	Description
544-29810-WDBR-BK	Environ SR800 29U Rack 800x1000mm W/Vented (F) D/Vented (R) B/Panels R/Mgmt Black
544-29810-WDBR-BK-FP	Environ SR800 29U Rack 800x1000mm W/Vented (F) D/Vented (R) B/Panels R/Mgmt Black - F/Pack

Environ SR800 42U Rack 800x1000mm W/Vented (F) D/Vented (R) B/Panels R/Mgmt Black

Item Code: 544-42810-WDBR-BK



544-29810-WDBR-GW	Environ SR800 29U Rack 800x1000mm W/Vented (F) D/Vented (R) B/Panels R/Mgmt Grey White
544-29810-WDBR-GW-FP	Environ SR800 29U Rack 800x1000mm W/Vented (F) D/Vented (R) B/Panels R/Mgmt Grey White - F/Pack
544-29812-WDBR-BK	Environ SR800 29U Rack 800x1200mm W/Vented (F) D/Vented (R) B/Panels R/Mgmt Black
544-29812-WDBR-BK-FP	Environ SR800 29U Rack 800x1200mm W/Vented (F) D/Vented (R) B/Panels R/Mgmt Black - F/Pack
544-29812-WDBR-GW	Environ SR800 29U Rack 800x1200mm W/Vented (F) D/Vented (R) B/Panels R/Mgmt Grey White
544-29812-WDBR-GW-FP	Environ SR800 29U Rack 800x1200mm W/Vented (F) D/Vented (R) B/Panels R/Mgmt Grey White - F/Pack
544-42810-WDBR-BK	Environ SR800 42U Rack 800x1000mm W/Vented (F) D/Vented (R) B/Panels R/Mgmt Black
544-42810-WDBR-BK-FP	Environ SR800 42U Rack 800x1000mm W/Vented (F) D/Vented (R) B/Panels R/Mgmt Black - F/Pack
544-42810-WDBR-GW	Environ SR800 42U Rack 800x1000mm W/Vented (F) D/Vented (R) B/Panels R/Mgmt Grey White
544-42810-WDBR-GW-FP	Environ SR800 42U Rack 800x1000mm W/Vented (F) D/Vented (R) B/Panels R/Mgmt Grey White - F/Pack
544-42812-WDBR-BK	Environ SR800 42U Rack 800x1200mm W/Vented (F) D/Vented (R) B/Panels R/Mgmt Black
544-42812-WDBR-BK-FP	Environ SR800 42U Rack 800x1200mm W/Vented (F) D/Vented (R) B/Panels R/Mgmt Black - F/Pack
544-42812-WDBR-GW	Environ SR800 42U Rack 800x1200mm W/Vented (F) D/Vented (R) B/Panels R/Mgmt Grey White
544-42812-WDBR-GW-FP	Environ SR800 42U Rack 800x1200mm W/Vented (F) D/Vented (R) B/Panels R/Mgmt Grey White - F/Pack
544-47810-WDBR-BK	Environ SR800 47U Rack 800x1000mm W/Vented (F) D/Vented (R) B/Panels R/Mgmt Black
544-47810-WDBR-BK-FP	Environ SR800 47U Rack 800x1000mm W/Vented (F) D/Vented (R) B/Panels R/Mgmt Black - F/Pack
544-47810-WDBR-GW	Environ SR800 47U Rack 800x1000mm W/Vented (F) D/Vented (R) B/Panels R/Mgmt Grey White
544-47810-WDBR-GW-FP	Environ SR800 47U Rack 800x1000mm W/Vented (F) D/Vented (R) B/Panels R/Mgmt Grey White - F/Pack
544-47812-WDBR-BK	Environ SR800 47U Rack 800x1200mm W/Vented (F) D/Vented (R) B/Panels R/Mgmt Black
544-47812-WDBR-BK-FP	Environ SR800 47U Rack 800x1200mm W/Vented (F) D/Vented (R) B/Panels R/Mgmt Black - F/Pack

Environ SR800 42U Rack 800x1000mm W/Vented (F)
D/Vented (R) B/Panels R/Mgmt Black

Item Code: 544-42810-WDBR-BK



544-47812-WDBR-GW

Environ SR800 47U Rack 800x1200mm W/Vented (F) D/Vented (R) B/Panels
R/Mgmt Grey White

544-47812-WDBR-GW-FP

Environ SR800 47U Rack 800x1200mm W/Vented (F) D/Vented (R) B/Panels
R/Mgmt Grey White - F/Pack

Excel is a world class premium performing end to end infrastructure solution designed,
Manufactured, supported and delivered without compromise.

Contact us at sales@excel-networking.com



E&OE. Excel is a registered trade name of Mayflex Holdings Ltd.