

# 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
Mounting Profile	Front and rear
Type of profile rail	L-shaped
Number of doors	2
Type of ventilation	Passive
Width	800 mm
Height	2000 mm
Depth	1000 mm
Modular spacing	19 inch
Number of rack units (RU)	42
Max. load capacity	1500 kg
With roof plate	yes

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With earthing	yes
With front door	yes
Front door material	Steel
Front door locking system	Two-point
With rear door	yes
Rear door material	Steel
Rear door locking system	Three-point
Side panels included	yes
With vertical cable management	yes
Material	Steel
Type of surface	Powder coated
Colour	Black
RAL-number	9004
Flat-packed	no
IP-rating	IP20
Application	Server Rack

## 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

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## 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 suites of racks

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### Product images



Four-way brush entry roof panel



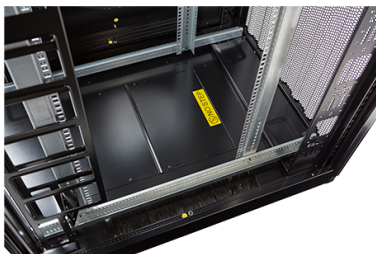
Quick-slam latch side panels



2-point lock wave vented front door



3-point wardrobe vented rear doors



Large brush strip entry



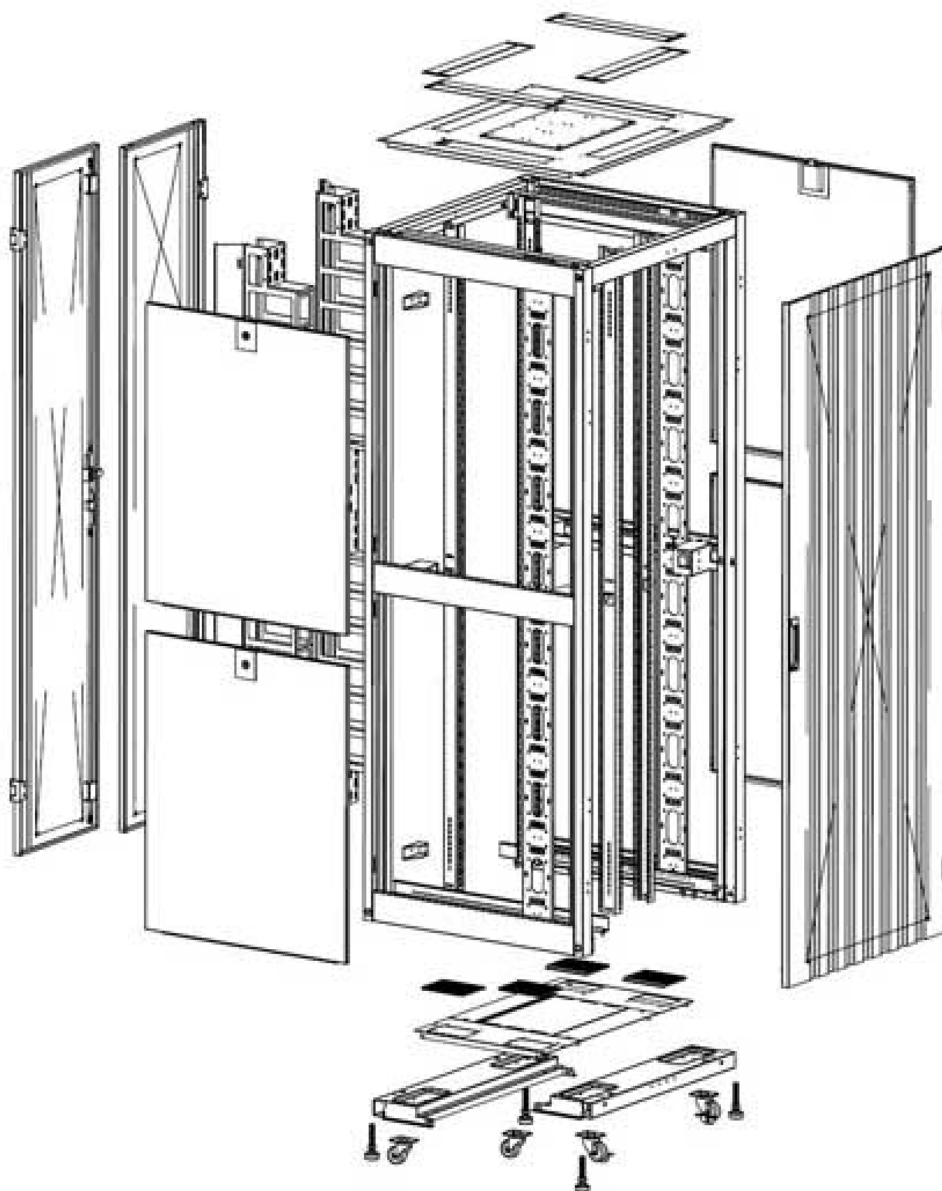
High-density vertical cable management

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### Exploded view

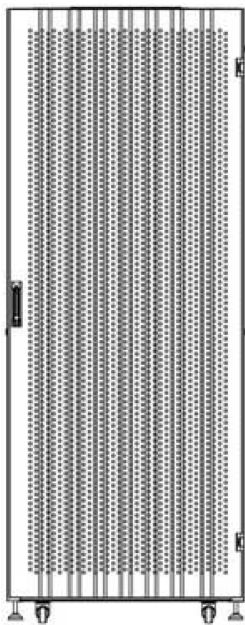


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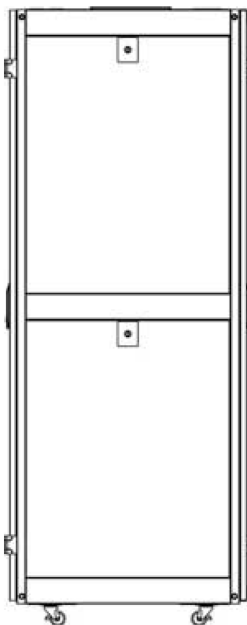
Item Code: 544-42810-WDBR-BK



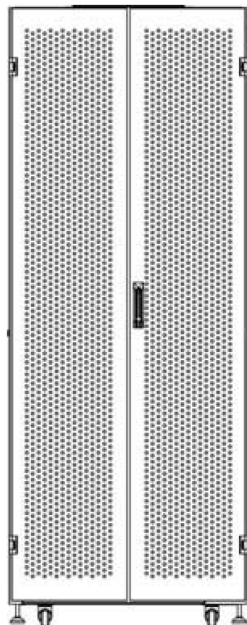
Product drawings



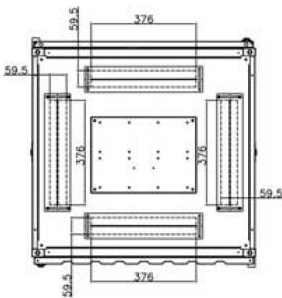
Front



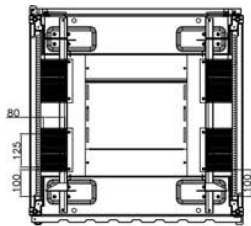
Side



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 Flat Pack



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

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544-47812-WDBR-GW

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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 Flat Pack

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