

Environ SR800 42U Rack 800x1000 mm W/Vented (F) D/Vented (R) B/Panels F/Mgmt Black

Part Code: 544-42810-WDBF-BK

sales@excel-networking.com
excel-networking.com

CIBSE TM65 Embodied Carbon: 971.259 kg CO2e



Main Features

- / Choice of doors, depths and widths available
- / Removable and sliding infill floor base panel
- / 70% ventilation on all doors
- / 19" profiles marked with U height position
- / Brush strip cable entry in roof and base of rack
- / Supplied with baying kit, levelling feet and heavy duty lockable castors as standard

Product Overview

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

Environ Series SR800 Server Racks feature single vented front door, double vented rear doors, both side panels and front cable management, but can be configured to customer requirements.

The Rack is available in a range of sizes including 1000 mm or 1200 mm deep with options for front cable management, various cable trays and different handles.

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They come with baying kits, jacking feet and castors as standard and support up to 1500 kg of static load.

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	2070 mm
Depth	1000 mm
Modular spacing	19 inch
Number of rack units (RU)	42
Max. load capacity	1500 kg
With roof plate	yes
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

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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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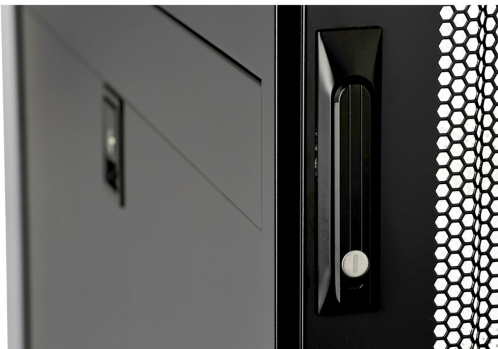
Product images



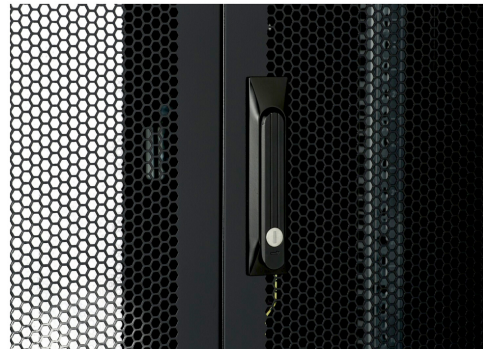
Four-Way brush Entry Roof Panel



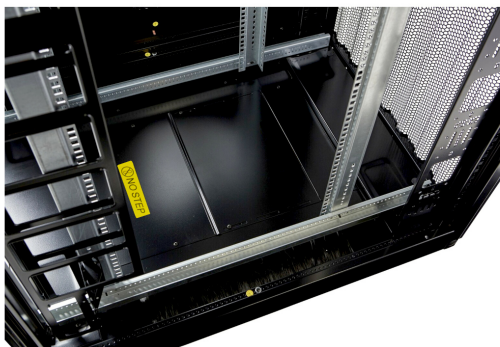
Quick-slam latch side panels



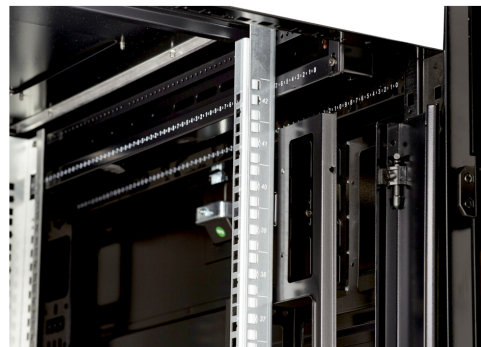
2-Point Wave Vented Front Door



3-Point Wardrobe vented rear doors



Large Brush strip cable entry, movable base panels



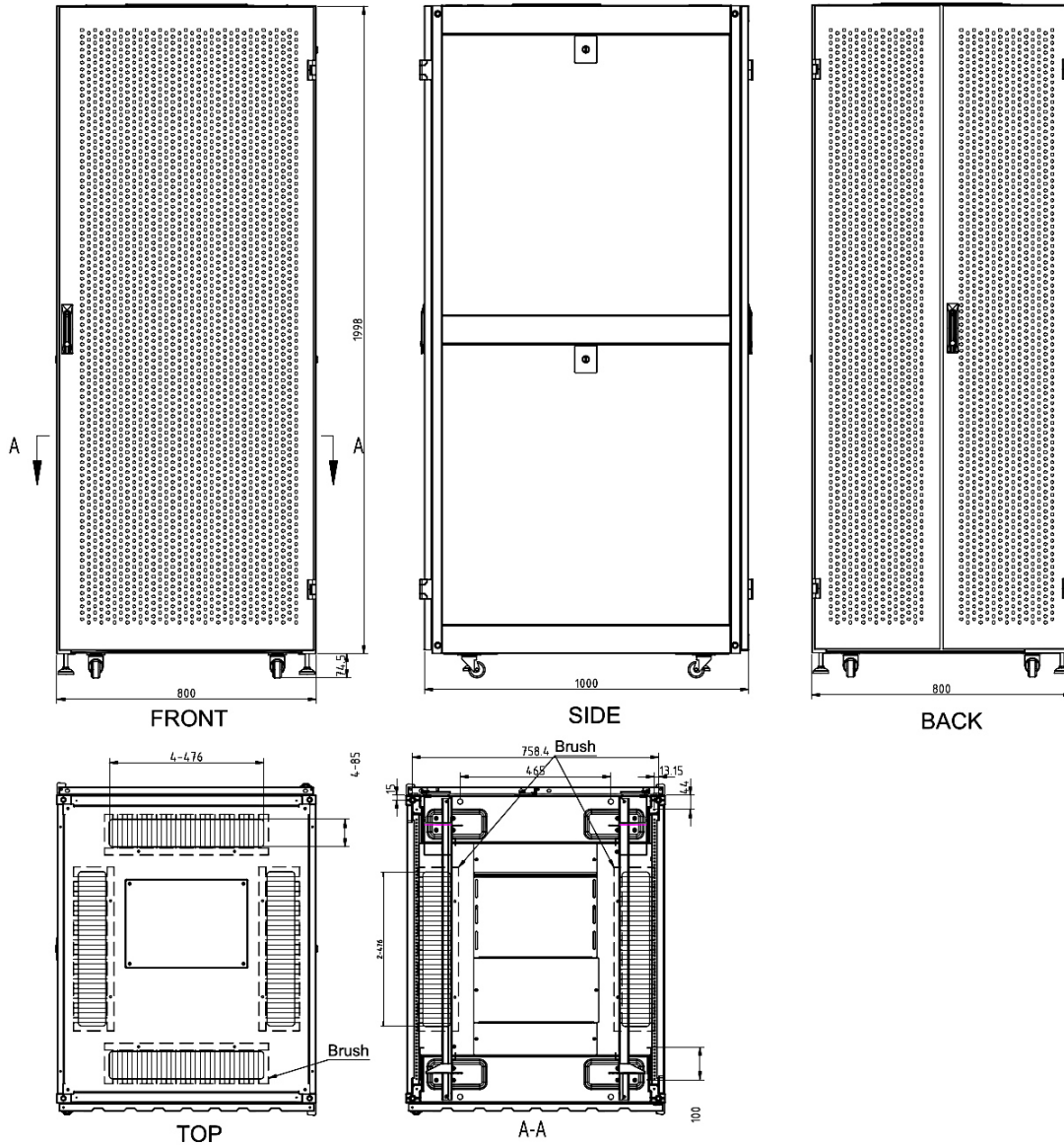
High density vertical cable management

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Product drawings



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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
Directive 2011/65/EU (RoHS II)	Restriction of the Use of Certain Hazardous Substances in Electrical and Electronic Equipment — compliant. Applies within EU member states).
Directive (EU) 2015/863 (RoHS III)	Amending Directive 2011/65/EU to add four phthalates (DEHP, BBP, DBP, DIBP) to Annex II — compliant.
Directive 2008/98/EC (WFD)	Waste Framework Directive — compliant. Implemented in the UK through the Waste (England and Wales) Regulations 2011 (SI 2011 No. 988).
ECHA SCIP Database	Compliant; product does not contain SVHCs (Substances of Very High Concern) as defined under REACH Article 33(1). Submission obligations met under EU REACH and UK REACH.
Regulation (EU) 2019/1021 (POPs)	EU Regulation on Persistent Organic Pollutants — compliant. For Great Britain, compliance is aligned with the Persistent Organic Pollutants (Amendment) (EU Exit) Regulations 2020 (SI 2020 No. 1355).
UK SI 2012 No. 3032	The Restriction of the Use of Certain Hazardous Substances in Electrical and Electronic Equipment Regulations 2012 (UK RoHS) — compliant for Great Britain. Retained EU law, as amended by the Product Safety and Metrology (Amendment etc.) (EU Exit) Regulations 2019.

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Part Code Table

Part Code	Description
544-29810-WDBF-BK	Environ SR800 29U Rack 800x1000 mm W/Vented (F) D/Vented (R) B/Panels F/Mgmt Black
544-29810-WDBF-BK-FP	Environ SR800 29U Rack 800x1000 mm W/Vented (F) D/Vented (R) B/Panels F/Mgmt Black Flat Pack
544-29812-WDBF-BK	Environ SR800 29U Rack 800x1200mm W/Vented (F) D/Vented (R) B/Panels F/Mgmt Black
544-42810-WDBF-BK	Environ SR800 42U Rack 800x1000 mm W/Vented (F) D/Vented (R) B/Panels F/Mgmt Black
544-42810-WDBF-BK-FP	Environ SR800 42U Rack 800x1000 mm W/Vented (F) D/Vented (R) B/Panels F/Mgmt Black Flat Pack
544-42812-WDBF-BK	Environ SR800 42U Rack 800x1200mm W/Vented (F) D/Vented (R) B/Panels F/Mgmt Black
544-47812-WDBF-BK	Environ SR800 47U Rack 800x1200mm W/Vented (F) D/Vented (R) B/Panels F/Mgmt Black