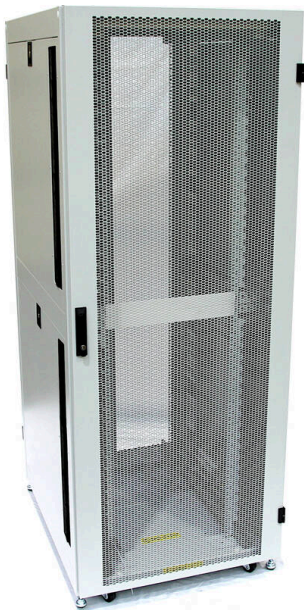


Elevate DCR800 42U Rack 800x1000mm Vented (F)  
D/Vented (R) B/Panels F/Mgmt Grey  
Item Code: 546-42810-VDBF-GW



- ✕ Available in 42U, 47U and 52U sizes.
- ✕ High ventilation flat mesh doors front and back
- ✕ Airflow management baffles as standard
- ✕ Improved roof access for large 16A and 32A power plugs
- ✕ Upgraded cable tray fitted both sides
- ✕ Front finger cable management as standard
- ✕ CIBSE TM65 Embodied Carbon: 1007.465 kg CO2e

Product Overview

The new Environ DCR data centre racks are a versatile range of 600 mm or 800 mm wide racks designed for the data centre market and based on our successful, market accepted Environ Rack design.

The new DCR racks feature the same flexibility of options and configuration with higher airflow mesh doors, airflow management baffles at the front, finger style cable management and upgraded manual or optional electronic handles.

There is also improved cable access with full depth wide brush strips on the roof, cabinet to cabinet cable routing via side brush openings and mutiple brush entry through the airflow management baffles.

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

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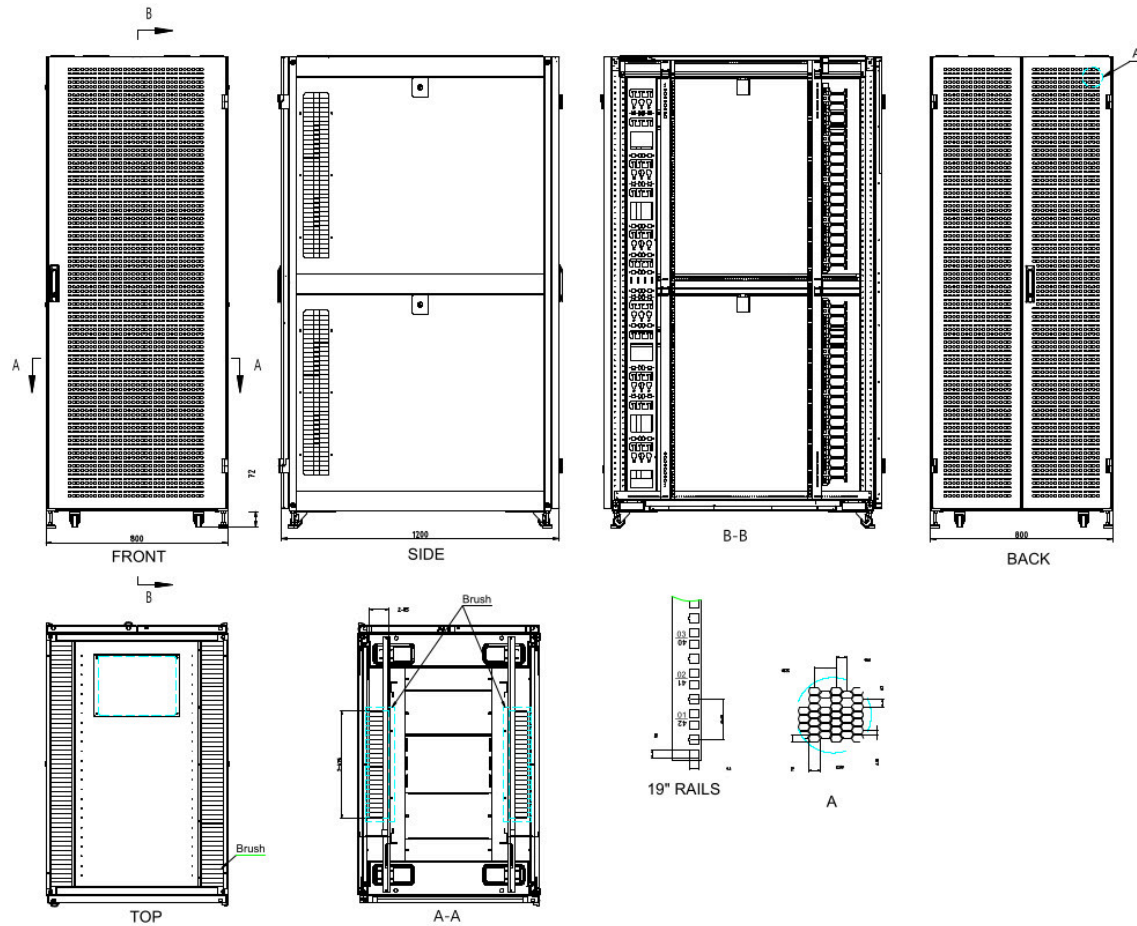
Height	2000 mm
Depth	1000 mm
Modular spacing	19 inch
Number of rack units (RU)	42
Max. load capacity	1500 kg
With roof plate	yes
With earthing	yes
With front door	yes
Front door material	Steel
Front door locking system	Two-point
With rear door	yes
Rear door material	Steel
Rear door locking system	Three-point
Side panels included	yes
With vertical cable management	yes
Material	Steel
Type of surface	Powder coated
Colour	Grey White
RAL-number	9002
Flat-packed	no
IP-rating	IP20
Application	Server Rack

# Elevate DCR800 42U Rack 800x1000mm Vented (F) D/Vented (R) B/Panels F/Mgmt Grey

Item Code: 546-42810-VDBF-GW

**excel**  
without compromise.

## Product drawing



Elevate DCR800 42U Rack 800x1000mm Vented (F)  
D/Vented (R) B/Panels F/Mgmt Grey

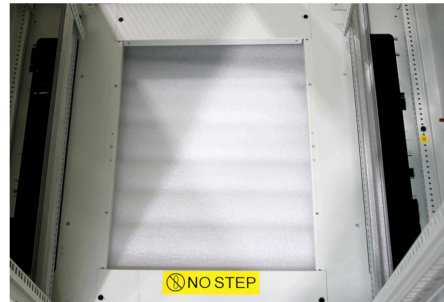
Item Code: 546-42810-VDBF-GW

**excel**  
without compromise.

**Product images**



**Roof with full length Brushes**



**Base with large cable entry**



**Side Panel Brush Strip and latch**



**Quick slam latches and position No.s**



**Profile Double numbering top to bottom**



**Castors and Jacking Feet as standard**



Elevate DCR800 42U Rack 800x1000mm Vented (F)  
D/Vented (R) B/Panels F/Mgmt Grey

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**excel**  
without compromise.

### Product images



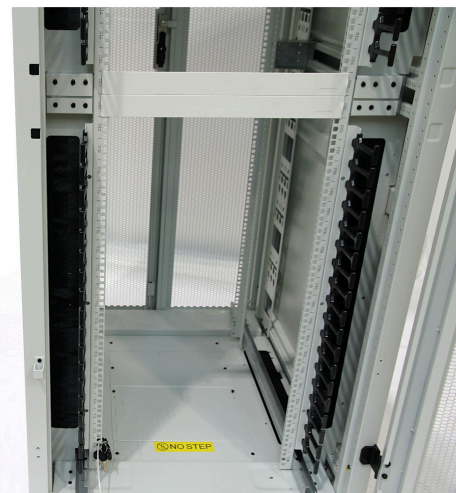
Front Swing Handle Mechanical lock



80% Ventilation Rate Mesh



Front Finger Cable Management



Airflow Management Baffles

# Elevate DCR800 42U Rack 800x1000mm Vented (F) D/Vented (R) B/Panels F/Mgmt Grey

Item Code: 546-42810-VDBF-GW



## Standards

Applicable standard	Detail
RoHS-II/-III (2011/65/EU & 2015/863): 2023	Our products, demonstrate full adherence to the regulatory stipulations of the EU Directive 2011/65/EU (RoHS-II) and its corresponding delegated directive 2015/863 (RoHS-III).
WFD: 2023	Compliant to Waste Framework Directive
SCIP: 2023	Compliant - Does Not Contain Substances of Concern In articles as such or in complex objects (Products)
POPs (EU) No 2019/1021	EU Regulation for the restriction of Persistent Organic Pollutants.

## Part Number Table

Part Number	Description
546-42810-VDBF-GW	Elevate DCR800 42U Rack 800x1000mm Vented (F) D/Vented (R) B/Panels F/Mgmt Grey
546-42812-VDBF-GW	Elevate DCR800 42U Rack 800x1200mm Vented (F) D/Vented (R) B/Panels F/Mgmt Grey
546-47810-VDBF-GW	Elevate DCR800 47U Rack 800x1000mm Vented (F) D/Vented (R) B/Panels F/Mgmt Grey
546-47812-VDBF-GW	Elevate DCR800 47U Rack 800x1200mm Vented (F) D/Vented (R) B/Panels F/Mgmt Grey
546-52810-VDBF-GW	Elevate DCR800 52U Rack 800x1000mm Vented (F) D/Vented (R) B/Panels F/Mgmt Grey
546-52812-VDBF-GW	Elevate DCR800 52U Rack 800x1200mm Vented (F) D/Vented (R) B/Panels F/Mgmt Grey

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](mailto:sales@excel-networking.com)



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