

Elevate DCR800 52U Rack 800 mm x 1000 mm Vented (F) D/Vented (R) B/Panels F/Mgmt Grey

Item Code: 546-52810-VDBF-GW

excel
without compromise.



Available in 42U, 47U and 52U sizes

High ventilation flat mesh doors front and back

Airflow management baffles as standard with cable management

Entry/exit points in roof compatible with 16A, 32A and 64A EN60309 Commando plugs

Upgraded cable tray fitted both sides

Front finger cable management as standard

CIBSE TM65 Embodied Carbon: 1328.022 kg CO₂e

Product Overview

Elevate DCR Series Network Model with Vented Front Door, Double Vented Rear Doors, both side panels and Front Cable Management. The new Elevate 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 Excel Rack design.

The new DCR series 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 multiple brush entry through the airflow management baffles.

Product Specifications

| Feature | Values |
|----------------------|----------------|
| Mounting Profile | Front and rear |
| Type of profile rail | L-shaped |

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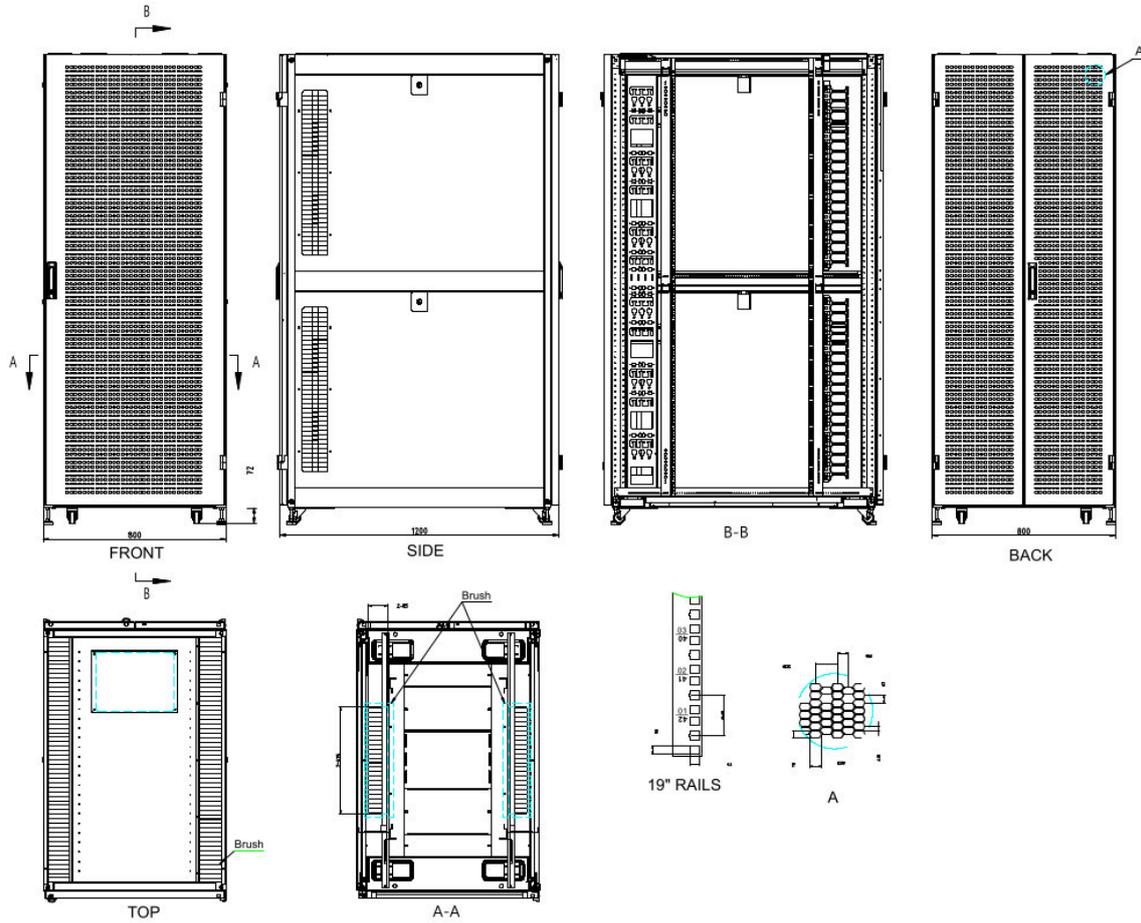
| | |
|--------------------------------|---------------|
| Number of doors | 2 |
| Type of ventilation | Passive |
| Width | 800 mm |
| Height | 2446 mm |
| Depth | 1000 mm |
| Modular spacing | 19 inch |
| Number of rack units (RU) | 52 |
| Max. load capacity | 1500 kg |
| With roof plate | yes |
| 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 |

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Product drawing



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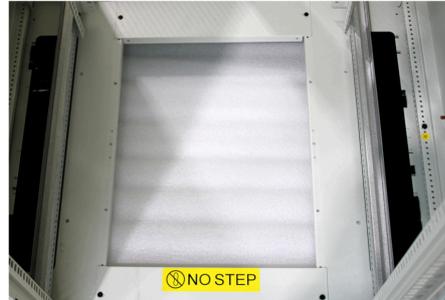
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Product images



Roof with full length Brushes



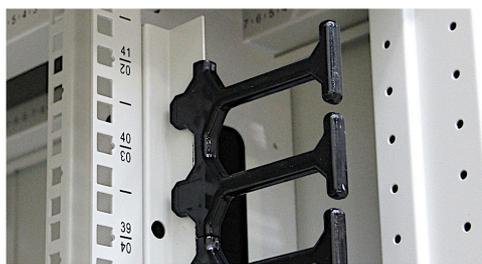
Base with large cable entry



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

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Product images



Front Swing Handle Mechanical lock



80% Ventilation Rate Mesh



Front Finger Cable Management



Airflow Management Baffles

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Standards

| Applicable standard | Detail |
|------------------------------------|--|
| 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. |

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 800 mm x 1000 mm 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



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