

Elevate DCR600 42U Rack 600 x 1200 mm Vented (F) D/Vented (R) B/Panels Server Black

Part Code: 546-42612-VDBN-BK

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

CIBSE TM65 Embodied Carbon: 914.172 kg CO2e



Main Features

- / Available in 42U, 47U and 52U sizes
- / Airflow management baffles as standard
- / Upgraded cable tray fitted both sides
- / High ventilation flat mesh doors front and back
- / Entry/exit points in roof compatible with 16A, 32A and 64A EN60309 Commando plugs
- / CIBSE TM65 Embodied Carbon: 914.172 kg CO2e

Product Overview

Elevate DCR Series with Vented Front Door, Double Vented Rear Doors, both side panels. 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 and additional large cutouts for 125 amp Power The network model also has cabinet to cabinet cable routing via side brush openings and multiple brush entry through the airflow

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management baffles and includes front cable management.

Product Specifications

| Feature | Values |
|---------------------------|----------------|
| Mounting Profile | Front and rear |
| Type of profile rail | L-shaped |
| Number of doors | 2 |
| Type of ventilation | Passive |
| Width | 600 mm |
| Height | 2000 mm |
| Depth | 1200 mm |
| Modular spacing | 19 inch |
| Number of rack units (RU) | 42 |
| Max. load capacity | 2000 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 |
| With glazed door | no |
| Side panels included | yes |

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| | |
|--------------------------------|-------------------------|
| With vertical cable management | no |
| Material | Steel |
| Type of surface | Powder coated |
| Colour | Black |
| Model | DCR |
| RAL-number | 9004 |
| Flat-packed | no |
| IP-rating | IP20 |
| Application | Data Centre Rack |

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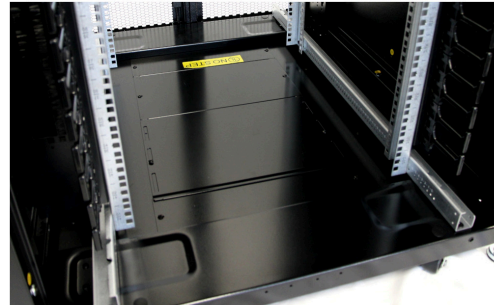
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Product images



Roof with full length Brushes



Base with large cable entry



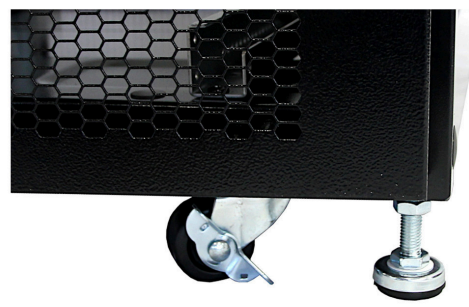
Side Panel Brush Strip and latch



Quick slam latches and position No.s



Profile Double numbering top to bottom



Castors and Jacking Feet as standard

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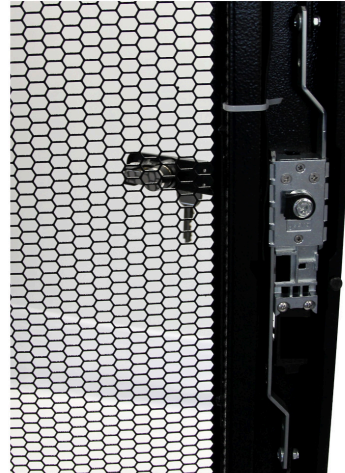
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Product images



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 Code Table

| Part Code | Description |
|-------------------|--|
| 546-42610-VDBN-BK | Elevate DCR600 42U Rack 600 x 1000 mm Vented (F) D/Vented (R) B/Panels Server Black |
| 546-42612-VDBN-BK | Elevate DCR600 42U Rack 600 x 1200 mm Vented (F) D/Vented (R) B/Panels Server Black |

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| | |
|-------------------|---|
| 546-42810-VDBF-BK | Elevate DCR800 42U Rack 800 x 1000 mm Vented (F) D/Vented (R) B/Panels Network Black |
| 546-42812-VDBF-BK | Elevate DCR800 42U Rack 800 x 1200 mm Vented (F) D/Vented (R) B/Panels Network Black |
| 546-47610-VDBN-BK | Elevate DCR600 47U Rack 600 x 1000 mm Vented (F) D/Vented (R) B/Panels Server Black |
| 546-47612-VDBN-BK | Elevate DCR600 47U Rack 600 x 1200 mm Vented (F) D/Vented (R) B/Panels Server Black |
| 546-47810-VDBF-BK | Elevate DCR800 47U Rack 800 x 1000 mm Vented (F) D/Vented (R) B/Panels Network Black |
| 546-47812-VDBF-BK | Elevate DCR800 47U Rack 800 x 1200 mm Vented (F) D/Vented (R) B/Panels Network Black |
| 546-52610-VDBN-BK | Elevate DCR600 52U Rack 600 x 1000 mm Vented (F) D/Vented (R) B/Panels Server Black |
| 546-52612-VDBN-BK | Elevate DCR600 52U Rack 600 x 1200 mm Vented (F) D/Vented (R) B/Panels Server Black |
| 546-52810-VDBF-BK | Elevate DCR800 52U Rack 800 x 1000 mm Vented (F) D/Vented (R) B/Panels Network Black |
| 546-52812-VDBF-BK | Elevate DCR800 52U Rack 800 x 1200 mm Vented (F) D/Vented (R) B/Panels Network Black |