

Elevate DCR600 42U Rack 600 x 1000 mm Vented (F) D/Vented (R) B/Panels Server Black

Item Code: 546-42610-VDBN-BK



- ✕ Available in 42U, 47U and 52U sizes
- ✕ High ventilation flat mesh doors front and back
- ✕ Airflow management baffles as standard
- ✕ Entry/exit points in roof compatible with 16A, 32A and 64A EN60309 Commando plugs
- ✕ Upgraded cable tray fitted both sides
- ✕ CIBSE TM65 Embodied Carbon: 854.736 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 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 |

Elevate DCR600 42U Rack 600 x 1000 mm Vented (F) D/Vented (R) B/Panels Server Black

Item Code: 546-42610-VDBN-BK



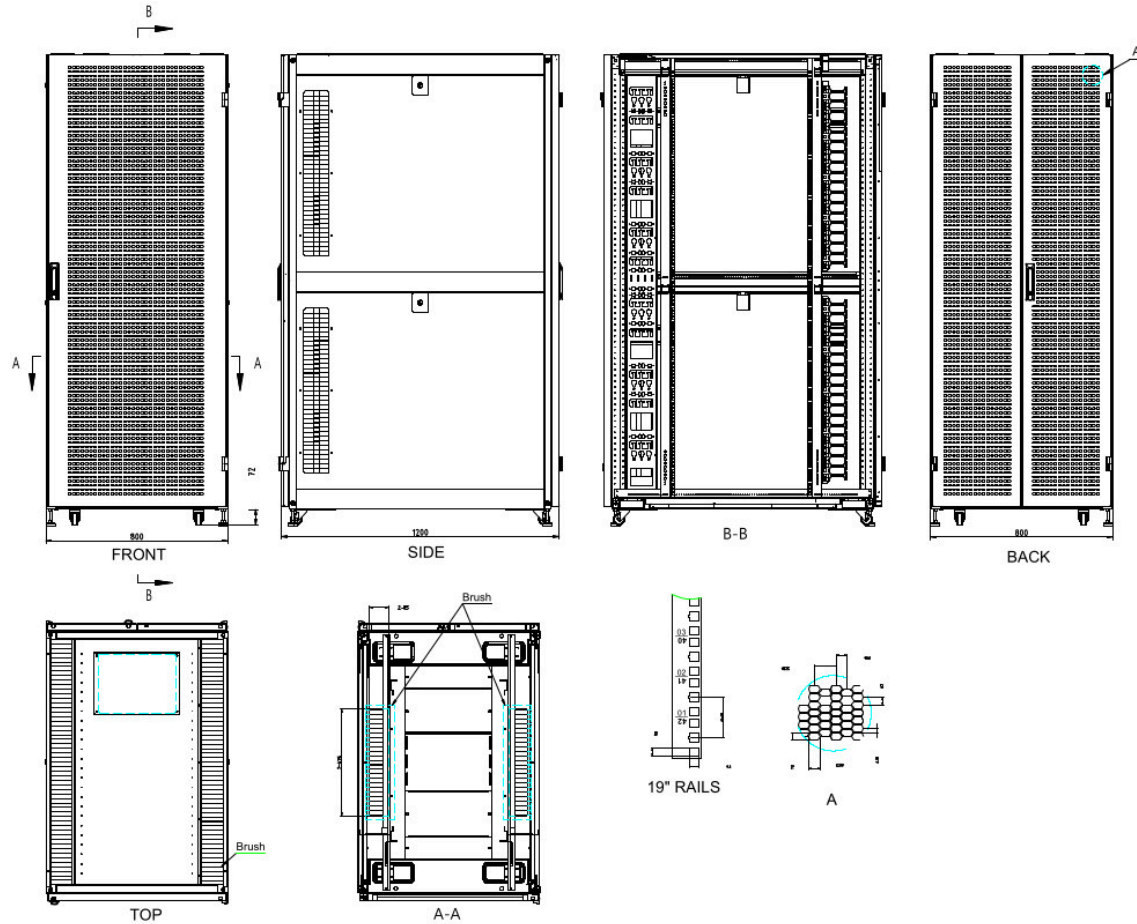
| | |
|--------------------------------|---------------|
| Number of rack units (RU) | 42 |
| Max. load capacity | 2000 kg |
| With roof plate | yes |
| With earthing | yes |
| With front door | yes |
| Front door material | Steel |
| Front door locking system | Two-point |
| With rear door | yes |
| Rear door material | Steel |
| Rear door locking system | Three-point |
| With glazed door | no |
| Side panels included | yes |
| With vertical cable management | no |
| Material | Steel |
| Type of surface | Powder coated |
| Colour | Black |
| Model | DC |
| RAL-number | 9004 |
| Flat-packed | no |
| IP-rating | IP20 |
| Application | Server Rack |

Elevate DCR600 42U Rack 600 x 1000 mm Vented (F) D/Vented (R) B/Panels Server Black

Item Code: 546-42610-VDBN-BK

excel
without compromise.

Product drawing



Elevate DCR600 42U Rack 600 x 1000 mm Vented (F) D/Vented (R) B/Panels Server Black

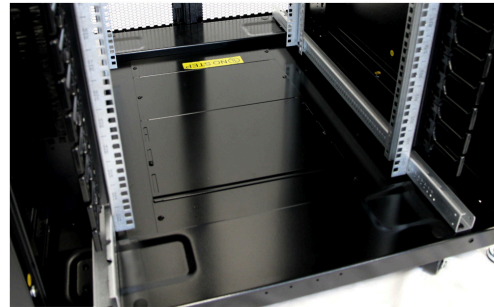
Item Code: 546-42610-VDBN-BK

excel
without compromise.

Product images



Roof with full length Brushes



Base with large cable entry



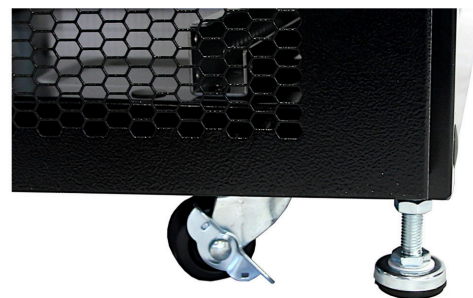
Side Panel Brush Strip and latch



Quick slam latches and position No.s



Profile Double numbering top to bottom



Castors and Jacking Feet as standard

Elevate DCR600 42U Rack 600 x 1000 mm Vented (F) D/Vented (R) B/Panels Server Black

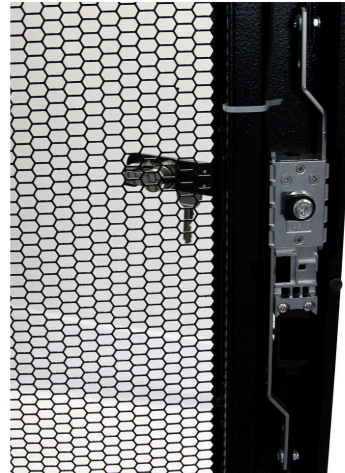
Item Code: 546-42610-VDBN-BK



Product images



Front Swing Handle Mechanical lock



80% Ventilation Rate Mesh



Front Finger Cable Management



Airflow Management Baffles

Elevate DCR600 42U Rack 600 x 1000 mm Vented (F) D/Vented (R) B/Panels Server Black

Item Code: 546-42610-VDBN-BK



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 |
|-------------------|--|
| 546-42610-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 |
| 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 |

Elevate DCR600 42U Rack 600 x 1000 mm Vented
(F) D/Vented (R) B/Panels Server Black

Item Code: 546-42610-VDBN-BK



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



E&OE. Excel is a registered trade name of Mayflex Holdings Ltd.