

- ✗ 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       |
| Number of doors      | 2              |

Elevate DCR800 52U Rack 800x1200mm Vented (F)  
D/Vented (R) B/Panels F/Mgmt Grey

Item Code: 546-52812-VDBF-GW



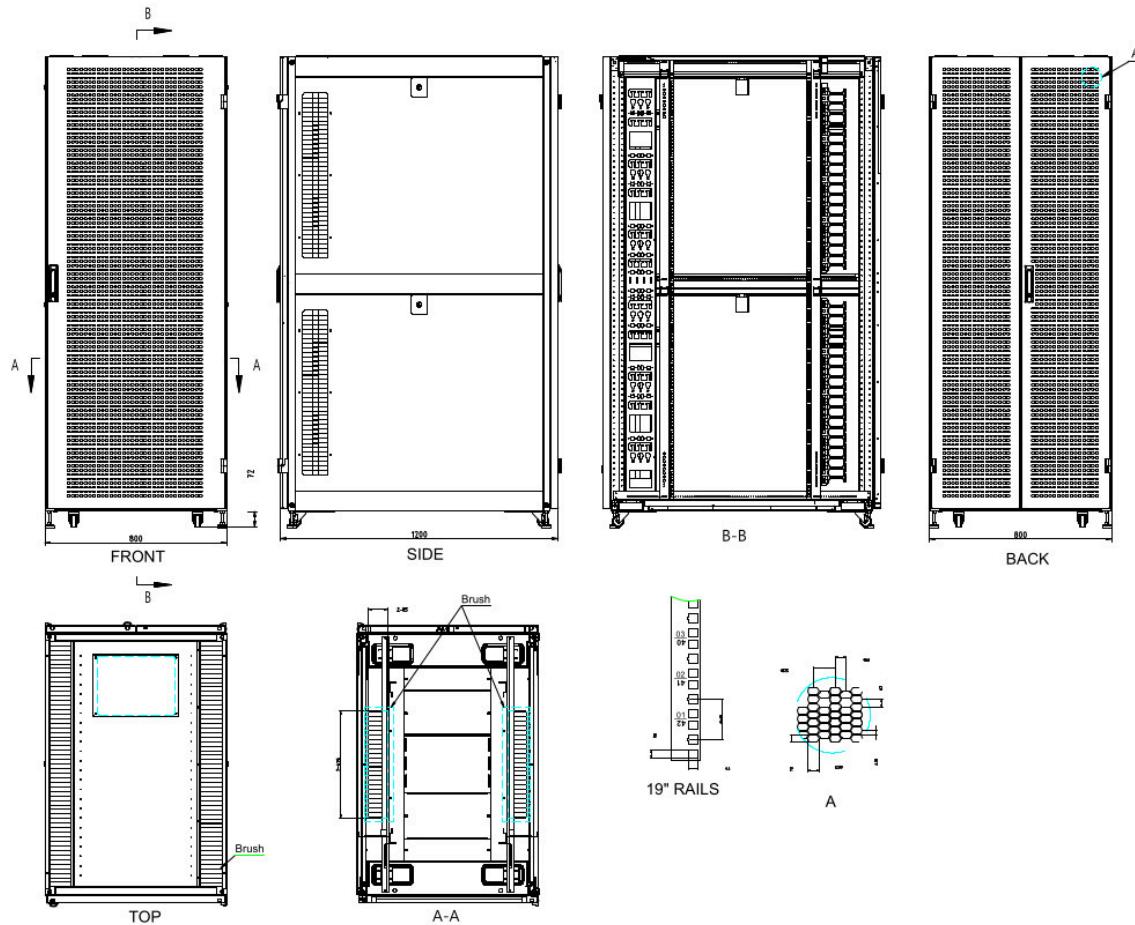
|                                |               |
|--------------------------------|---------------|
| Type of ventilation            | Passive       |
| Width                          | 800 mm        |
| Height                         | 2446 mm       |
| Depth                          | 1200 mm       |
| 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



Elevate DCR800 52U Rack 800x1200mm Vented (F)  
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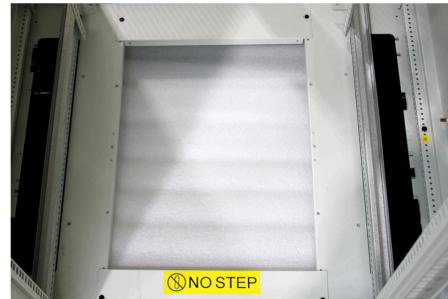
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### Product images



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

## 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 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       |

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