

Environ ER800 24U Rack 800x1000 mm W/Vented (F) D/Vented (R) B/Panels F/Mgmt Black

Item Code: 542-24810-WDBF-BK

excel
without compromise.



✕ Choice of doors/depths/colours available

✕ 19" profiles marked with U height position

✕ Large cut out in base for cable entry

✕ Brush strip cable entry in roof and base of rack

✕ IP20 when fitted with base plate

✕ Racks supplied assembled or flat packed

✕ CIBSE TM65 Embodied Carbon: 439.379 kg CO2e

Product Overview

Environ ER800 Equipment Racks are a versatile range of 800 mm wide racks with features suitable for a wide range of applications within the data, security, audio visual and telecommunications markets.

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 |
| Height | 1270 mm |
| Depth | 1000 mm |
| Modular spacing | 19 inch |
| Number of rack units (RU) | 24 |

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| | |
|--------------------------------|----------------|
| Max. load capacity | 800 kg |
| With roof plate | yes |
| With earthing | yes |
| With front door | yes |
| Front door material | Steel |
| Front door locking system | One point |
| With rear door | yes |
| Rear door material | Steel |
| Rear door locking system | One point |
| Side panels included | yes |
| With vertical cable management | yes |
| Material | Steel |
| Type of surface | Powder coated |
| Colour | Black |
| RAL-number | 9004 |
| Flat-packed | no |
| IP-rating | IP20 |
| Application | Equipment Rack |

Additional specifications

| Specifications | Values |
|--------------------------------|--------------------------|
| Material | SPCC Cold Rolled Steel |
| 19" Rails | 2.0 mm thick |
| Side Panels | 1.0 mm thick |
| Other | 1.2 mm thick |
| Front door | Handle cam lock |
| Rear door | Handle cam lock |
| Side panels lock | Single point barrel lock |
| Jacking feet additional height | 50-80 mm |
| Castors additional height | 70 mm |

Standards

| Standard | Detail |
|---|---|
| ANSI/EIA-310-E | Electronic Industries Association standard for horizontal spacing, vertical hole spacing, rack opening and front panel width |
| BS EN 60297-3-100:2009 | Mechanical structures for electronic equipment. Dimensions of mechanical structures of the 482,6 mm (19 in) series. Basic dimensions of front panels, subracks, chassis, racks and cabinets |
| DIN 41494 Part 1 & 7 | Panel Mounting Racks For Electronics Equipments; Racks And Panels, Dimensions; Dimensions of cabinets and suites of racks |
| 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. |

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Product images



Four-way brush entry roof panel



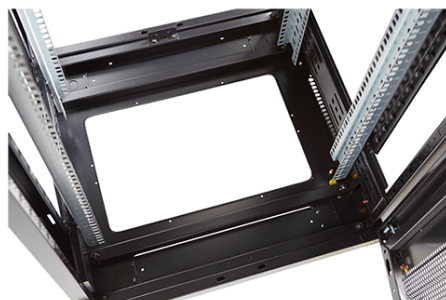
Quick-slam latch side panels



Swing handle wave vented front door



Wardrobe vented rear doors



Large base entry



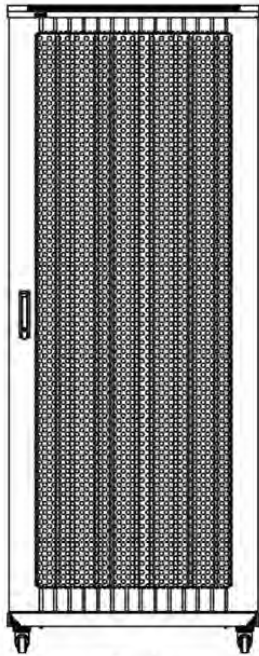
High-density vertical cable management

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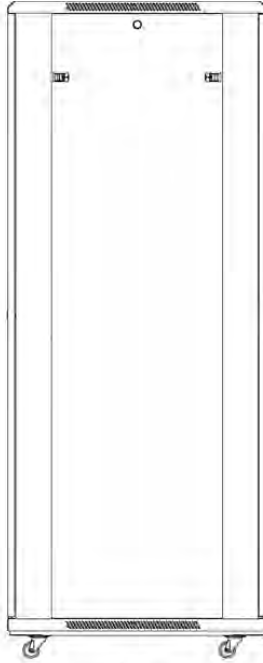
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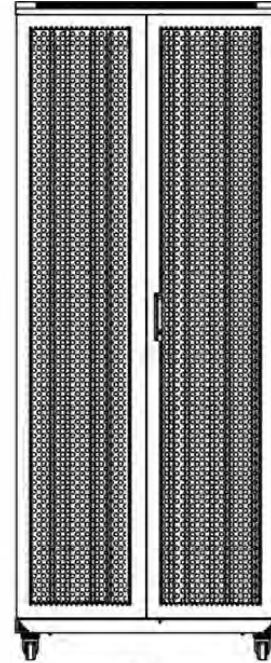
Product drawings



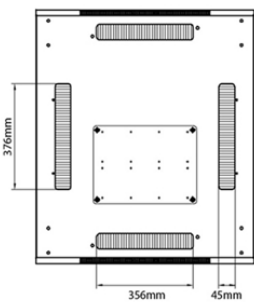
Front



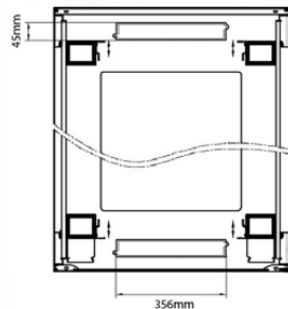
Side



Rear



Roof



Base

Base Cut Out Dimensions

580 mm Wide
by
276 mm Deep (600 mm deep rack)
476 mm Deep (800 mm deep rack)
676 mm Deep (1000 mm deep rack)

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Part Number Table

| Part Number | Description |
|----------------------|---|
| 542-24810-WDBF-BK | Environ ER800 24U Rack 800x1000 mm W/Vented (F) D/Vented (R) B/Panels F/Mgmt Black |
| 542-2488-WDBF-BK | Environ ER800 24U Rack 800x800 mm W/Vented (F) D/Vented (R) B/Panels F/Mgmt Black |
| 542-29810-WDBF-BK | Environ ER800 29U Rack 800x1000mm W/Vented (F) D/Vented (R) B/Panels F/Mgmt Black |
| 542-29810-WDBF-BK-FP | Environ ER800 29U Rack 800x1000mm W/Vented (F) D/Vented (R) B/Panels F/Mgmt Black Flat Pack |
| 542-29810-WDBF-GW | Environ ER800 29U Rack 800x1000mm W/Vented (F) D/Vented (R) B/Panels F/Mgmt Grey White |
| 542-29810-WDBF-GW-FP | Environ ER800 29U Rack 800x1000mm W/Vented (F) D/Vented (R) B/Panels F/Mgmt Grey White Flat Pack |
| 542-2986-WDBF-BK | Environ ER800 29U Rack 800x600mm W/Vented (F) D/Vented (R) B/Panels F/Mgmt Black |
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| 542-2988-WDBF-GW-FP | Environ ER800 29U Rack 800x800mm W/Vented (F) D/Vented (R) B/Panels F/Mgmt Grey White Flat Pack |
| 542-33810-WDBF-BK | Environ ER800 33U Rack 800x1000 mm W/Vented (F) D/Vented (R) B/Panels F/Mgmt Black |
| 542-3388-WDBF-BK | Environ ER800 33U Rack 800x800 mm W/Vented (F) D/Vented (R) B/Panels F/Mgmt Black |
| 542-42810-WDBF-BK | Environ ER800 42U Rack 800x1000mm W/Vented (F) D/Vented (R) B/Panels F/Mgmt Black |
| 542-42810-WDBF-BK-FP | Excel Environ ER800 42U Rack 800x1000mm W/Vented (F) D/Vented (R) B/Panels F/Mgmt Black Flat Pack |
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| 542-4286-WDBF-BK | Environ ER800 42U Rack 800x600mm W/Vented (F) D/Vented (R) B/Panels F/Mgmt Black |
| 542-4286-WDBF-BK-FP | Environ ER800 42U Rack 800x600mm W/Vented (F) D/Vented (R) B/Panels F/Mgmt Black Flat Pack |
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| 542-4286-WDBF-GW-FP | Environ ER800 42U Rack 800x600mm W/Vented (F) D/Vented (R) B/Panels F/Mgmt Grey White Flat Pack |
| 542-4288-WDBF-BK | Environ ER800 42U Rack 800x800mm W/Vented (F) D/Vented (R) B/Panels F/Mgmt Black |
| 542-4288-WDBF-BK-FP | Environ ER800 42U Rack 800x800mm W/Vented (F) D/Vented (R) B/Panels F/Mgmt Black Flat Pack |
| 542-4288-WDBF-GW | Environ ER800 42U Rack 800x800mm W/Vented (F) D/Vented (R) B/Panels F/Mgmt Grey White |
| 542-4288-WDBF-GW-FP | Environ ER800 42U Rack 800x800mm W/Vented (F) D/Vented (R) B/Panels F/Mgmt Grey White Flat Pack |
| 542-47810-WDBF-BK | Environ ER800 47U Rack 800x1000mm W/Vented (F) D/Vented (R) B/Panels F/Mgmt Black |
| 542-47810-WDBF-BK-FP | Environ ER800 47U Rack 800x1000mm W/Vented (F) D/Vented (R) B/Panels F/Mgmt Black Flat Pack |
| 542-47810-WDBF-GW | Environ ER800 47U Rack 800x1000mm W/Vented (F) D/Vented (R) B/Panels F/Mgmt Grey White |
| 542-47810-WDBF-GW-FP | Environ ER800 47U Rack 800x1000mm W/Vented (F) D/Vented (R) B/Panels F/Mgmt Grey White Flat Pack |
| 542-4786-WDBF-BK | Environ ER800 47U Rack 800x600mm W/Vented (F) D/Vented (R) B/Panels F/Mgmt Black |
| 542-4786-WDBF-BK-FP | Environ ER800 47U Rack 800x600mm W/Vented (F) D/Vented (R) B/Panels F/Mgmt Black Flat Pack |
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F/Mgmt Grey White Flat Pack

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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