Environ ER800 24U Rack 800x800 mm W/Vented (F) D/Vented (R) B/Panels F/Mgmt Black

Part Code: 542-2488-WDBF-BK

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Main Features

- / Choice of doors/depths/colours available
- / Large cut out in base for cable entry
- / IP20 when fitted with base plate
- / 19" profiles marked with U height position
- / Brush strip cable entry in roof and base of rack
- / Racks supplied assembled or flat packed

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

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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	**800 mm**
Modular spacing	**19 inch**
Number of rack units (RU)	**24**
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**

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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

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DIN 41494 Part 1 & 7	Panel Mounting Racks For Electronics Equipments; Racks And Panels, Dimensions; Dimensions of cabinets and suites of racks
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.

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Product images



Four-way brush entry roof panel



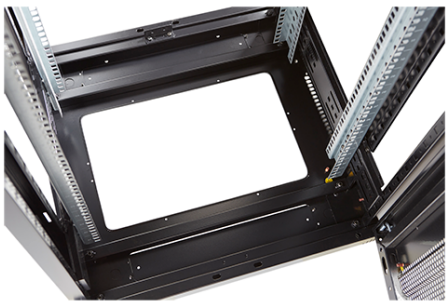
Quick-slam latch side panels



Swing handle wave vented front door



Wardrobe vented rear doors



Large base entry

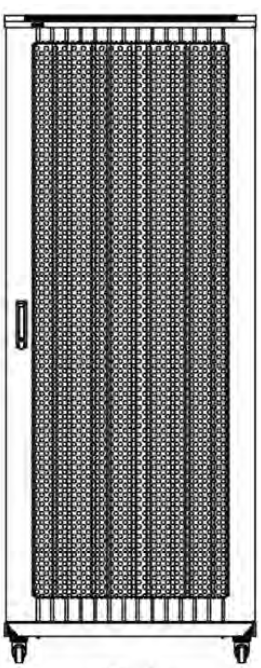


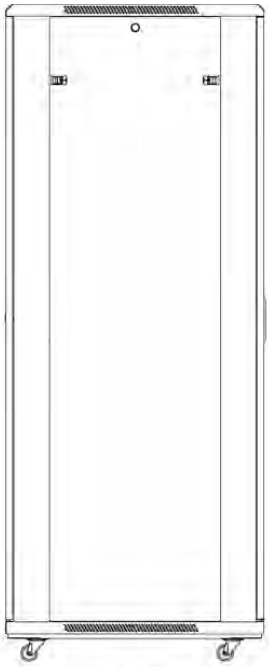
High-density vertical cable management

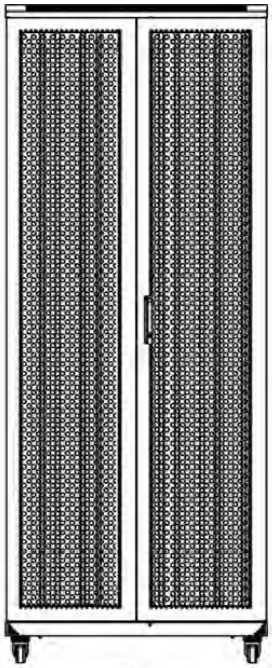
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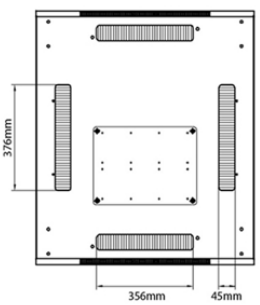
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Product drawings

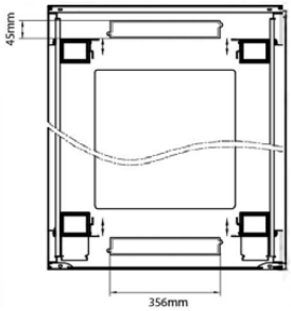








Roof



Base

Base Cut Out Dimensions

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

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Part Code Table

Part Code	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**
542-2986-WDBF-BK-FP	**Environ ER800 29U Rack 800x600mm W/Vented (F) D/Vented (R) B/Panels F/Mgmt Black Flat Pack**
542-2986-WDBF-GW	**Environ ER800 29U Rack 800x600mm W/Vented (F) D/Vented (R) B/Panels F/Mgmt Grey White**
542-2986-WDBF-GW-FP	**Environ ER800 29U Rack 800x600mm W/Vented (F) D/Vented (R) B/Panels F/Mgmt Grey White Flat Pack**
542-2988-WDBF-BK	**Environ ER800 29U Rack 800x800mm W/Vented (F) D/Vented (R) B/Panels F/Mgmt Black**
542-2988-WDBF-BK-FP	**Environ ER800 29U Rack 800x800mm W/Vented (F) D/Vented (R) B/Panels F/Mgmt Black Flat Pack**
542-2988-WDBF-GW	**Environ ER800 29U Rack 800x800mm W/Vented (F) D/Vented (R) B/Panels F/Mgmt Grey White**
542-2988-WDBF-GW-FP	**Environ ER800 29U Rack 800x800mm W/Vented (F) D/Vented (R) B/Panels F/Mgmt Grey White Flat Pack**

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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**
542-42810-WDBF-GW	**Environ ER800 42U Rack 800x1000mm W/Vented (F) D/Vented (R) B/Panels F/Mgmt Grey White**
542-42810-WDBF-GW-FP	**Environ ER800 42U Rack 800x1000mm W/Vented (F) D/Vented (R) B/Panels F/Mgmt Grey White Flat Pack**
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**
542-4286-WDBF-GW	**Environ ER800 42U Rack 800x600mm W/Vented (F) D/Vented (R) B/Panels F/Mgmt Grey White**
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**

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	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**
542-4786-WDBF-GW	**Environ ER800 47U Rack 800x600mm W/Vented (F) D/Vented (R) B/Panels F/Mgmt Grey White**
542-4786-WDBF-GW-FP	**Environ ER800 47U Rack 800x600mm W/Vented (F) D/Vented (R) B/Panels F/Mgmt Grey White Flat Pack**
542-4788-WDBF-BK	**Environ ER800 47U Rack 800x800mm W/Vented (F) D/Vented (R) B/Panels F/Mgmt Black**
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