Environ CL800 42U Co-Location Rack 800x1000mm (2 Compartments) Vented (F) Vented (R) B/Panels B...

Part Code: 545-4281-2C-VVBM-GW

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Main Features

- / Choice of 2 or 4 compartments
- / Heavy duty lockable casters included
- / Top and Bottom cable entry to each compartment
- / Jacking feet included
- / 19" profiles marked with U height position
- / Cable entry secure to each compartment

Product Overview

The Environ CL series of multicompartment floor standing racks are designed for co-location installations and applications that require enhanced levels of access security. The range is based on the proven and popular ER series chassis and is available in a 42U or 47U heights, 600mm or 800mm wide, grey white or black and a choice of 2 or 4 compartments. Each compartment is created by the use of a full depth dividing panel which runs from front to rear of the rack providing both separation and a mounting shelf if so desired. Within each compartment are front and rear adjustable equipment mounting rails.

As standard front and rear doors are vented mesh and each are fitted with swing handles fitted with both a key and 3 digit combination lock. The entire range of Environ locking solutions is compatible with the CL series enabling customers to choose from digital key code or proximity card. To offer ultimate flexibility lock styles can be mixed within a rack is certain levels of security are desired for certain compartments either due to customer preference, or equipment stored within the compartment. Cable entry and

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exit routes are provided via a full height multi section containment system mounted centrally between the equipment mounting rails at the rear. The system is designed to allow complete segregation of cables between compartments. Entry and exit points are located in both the roof and base and are protected by brush strip covers.

Product Specifications

Feature	Values
Mounting Profile	**Front and rear**
Type of profile rail	**L-shaped**
Number of doors	**4**
Type of ventilation	**Passive**
Width	**800 mm**
Height	**2070 mm**
Depth	**1000 mm**
Modular spacing	**19 inch**
Number of rack units (RU)	**42**
Max. load capacity	**600 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**

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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	**Co-Location Rack**

Additional specifications

Features	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	**Swing handle cam lock with combination lock**
Rear door	**Swing handle cam lock with combination lock**
Side panels lock	**Single point barrel lock**
Jacking feet additional height	**50-80 mm**
Castors additional height	**70 mm**

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Product images



Mesh compartment doors



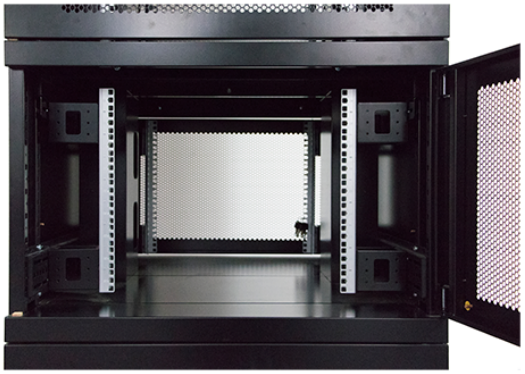
Removable side panels



Key and 3-digit combination locks



Inner door lock



Vertical cable management



U height profile markings

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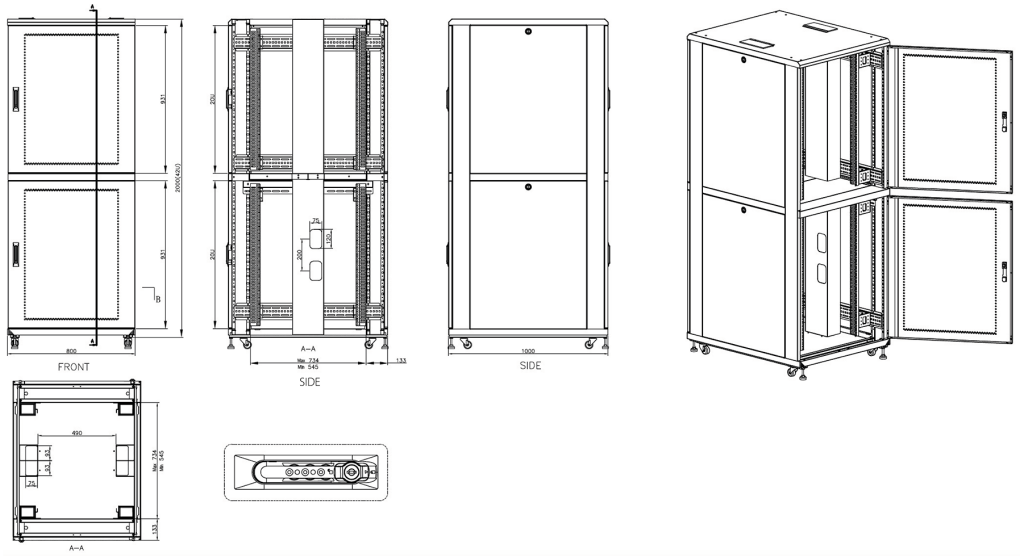
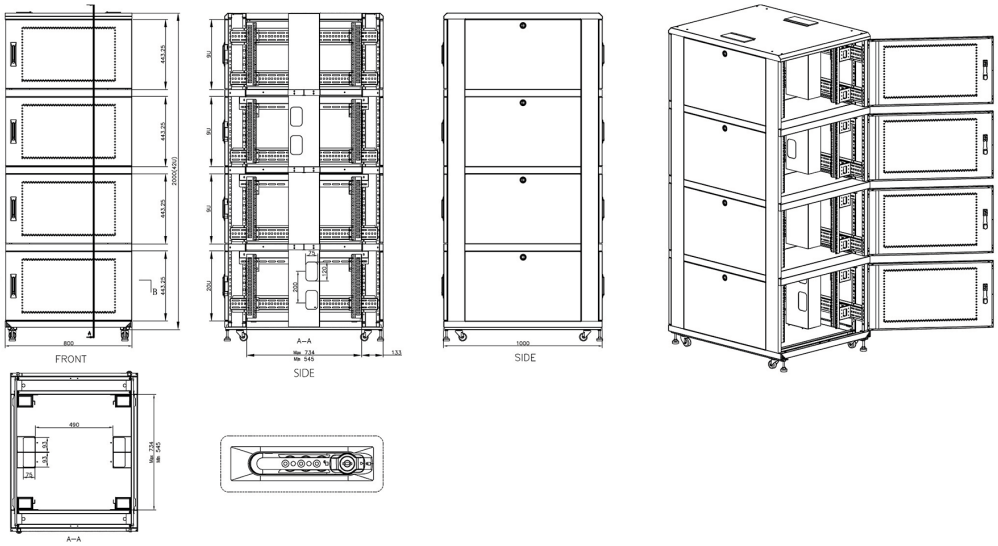
Product drawings

Environ CL800 Rack 2 Compartment Elevation Views



Environ CL800 Rack 4 Compartment Elevation Views



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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
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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Part Code Table

Part Code	Description
545-4281-2C-VVBM-BK	**Environ CL800 42U Co-Location Rack 800x1000mm (2 Compartments) Vented (F) Vented (R) B/Panels B/Central-Mgmt Black**
545-4281-2C-VVBM-BK-FP	**Environ CL800 42U Co-Location Rack 800x1000mm (2 Compartments) Vented (F) Vented (R) B/Panels B/Central-Mgmt Black Flat Pack**
545-4281-2C-VVBM-GW	**Environ CL800 42U Co-Location Rack 800x1000mm (2 Compartments) Vented (F) Vented (R) B/Panels B/Central-Mgmt Grey White**
545-4281-2C-VVBM-GW-FP	**Environ CL800 42U Co-Location Rack 800x1000mm (2 Compartments) Vented (F) Vented (R) B/Panels B/Central-Mgmt Grey White Flat Pack**
545-4281-4C-VVBM-BK	**Environ CL800 42U Co-Location Rack 800x1000mm (4 Compartments) Vented (F) Vented (R) B/Panels B/Central-Mgmt Black**
545-4281-4C-VVBM-BK-FP	**Environ CL800 42U Co-Location Rack 800x1000mm (4 Compartments) Vented (F) Vented (R) B/Panels B/Central-Mgmt Black Flat Pack**
545-4281-4C-VVBM-GW	**Environ CL800 42U Co-Location Rack 800x1000mm (4 Compartments) Vented (F) Vented (R) B/Panels B/Central-Mgmt Grey White**
545-4281-4C-VVBM-GW-FP	**Environ CL800 42U Co-Location Rack 800x1000mm (4 Compartments) Vented (F) Vented (R) B/Panels B/Central-Mgmt Grey White Flat Pack**
545-4781-2C-VVBM-BK	**Environ CL800 47U Co-Location Rack 800x1000mm (2 Compartments) Vented (F) Vented (R) B/Panels B/Central-Mgmt Black**
545-4781-2C-VVBM-BK-FP	**Environ CL800 47U Co-Location Rack 800x1000mm (2 Compartments) Vented (F) Vented (R) B/Panels B/Central-Mgmt Black Flat Pack**
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545-4781-4C-VVBM-GW-FP	**Environ CL800 47U Co-Location Rack 800x1000mm (4 Compartments) Vented (F) Vented (R) B/Panels B/Central-Mgmt Grey White Flat Pack**

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