

Environ CL800 47U Co-Location Rack 800x1000mm  
(2 Compartments) Vented (F) Vented (R) B/Panels  
B...

Item Code: 545-4781-2C-VVBM-BK



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

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 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

Environ CL800 47U Co-Location Rack 800x1000mm  
(2 Compartments) Vented (F) Vented (R) B/Panels  
B...



Item Code: 545-4781-2C-VVBM-BK

Type of ventilation	Passive
Width	800 mm
Height	2230 mm
Depth	1000 mm
Modular spacing	19 inch
Number of rack units (RU)	47
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
With vertical cable management	yes
Material	Steel
Type of surface	Powder coated
Colour	Black
RAL-number	9004
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

Environ CL800 47U Co-Location Rack 800x1000mm  
(2 Compartments) Vented (F) Vented (R) B/Panels  
B...



Item Code: 545-4781-2C-VVBM-BK

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

Environ CL800 47U Co-Location Rack 800x1000mm  
(2 Compartments) Vented (F) Vented (R) B/Panels  
B...

Item Code: 545-4781-2C-VVBM-BK

**excel**  
without compromise.

### Product images



Mesh compartment doors



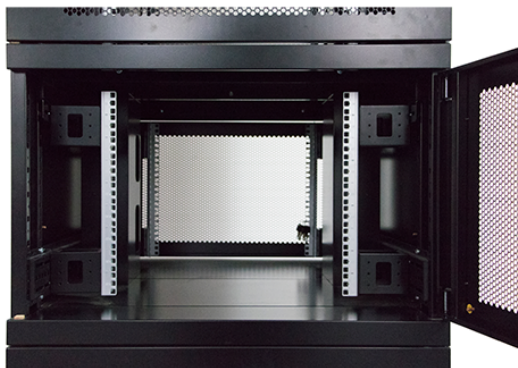
Removable side panels



Key and 3-digit combination locks



Inner door lock



Vertical cable management



U height profile markings

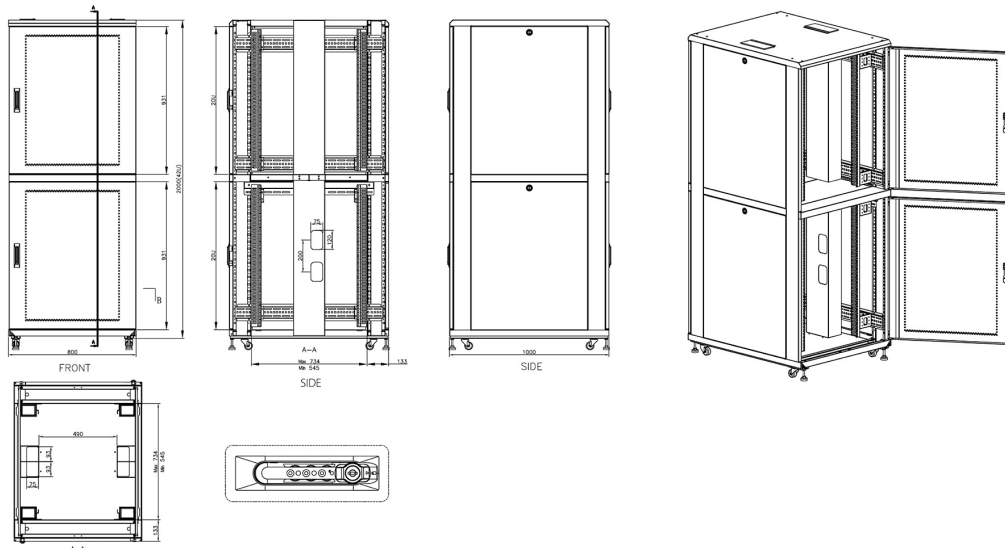
# Environ CL800 47U Co-Location Rack 800x1000mm (2 Compartments) Vented (F) Vented (R) B/Panels B...

Item Code: 545-4781-2C-VVBM-BK

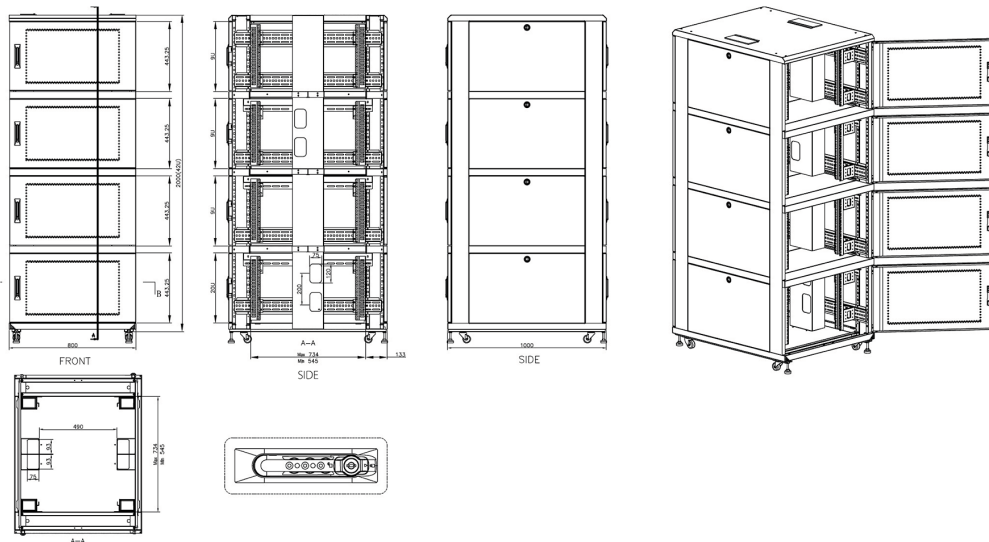


## Product drawings

### Environ CL800 Rack 2 Compartment Elevation Views



### Environ CL800 Rack 4 Compartment Elevation Views



# Environ CL800 47U Co-Location Rack 800x1000mm (2 Compartments) Vented (F) Vented (R) B/Panels B...



Item Code: 545-4781-2C-VVBM-BK

## 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.

## Part Number Table

Part Number	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

Environ CL800 47U Co-Location Rack 800x1000mm  
(2 Compartments) Vented (F) Vented (R) B/Panels  
B...



Item Code: 545-4781-2C-VVBM-BK

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

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](mailto:sales@excel-networking.com)



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