

Environ ER600 42U Rack 600x1000mm W/Vented (F) D/Vented (R) B/Panels No/Mgmt Black

Item Code: 542-42610-WDBN-BK

excel
without compromise.



✕ Choice of doors available

✕ Choice of depths available

✕ Choice of 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

✕ 70% ventilation on all doors

Product Overview

Environ ER600 Equipment Racks are a versatile range of 600 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	600 mm
Height	2070 mm
Depth	1000 mm
Modular spacing	19 inch
Number of rack units (RU)	42
Max. load capacity	800 kg

Environ ER600 42U Rack 600x1000mm W/Vented (F) D/Vented (R) B/Panels No/Mgmt Black

Item Code: 542-42610-WDBN-BK



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	Two-point
Side panels included	yes
With vertical cable management	no
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.

Environ ER600 42U Rack 600x1000mm W/Vented
(F) D/Vented (R) B/Panels No/Mgmt Black

Item Code: 542-42610-WDBN-BK

excel
without compromise.

Product images



Four-way brush entry roof panel



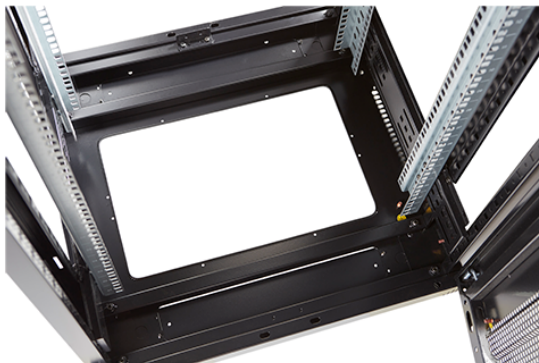
Quick-slam latch side panels



Swing handle wave vented front door



Wardrobe vented rear doors



Large base entry



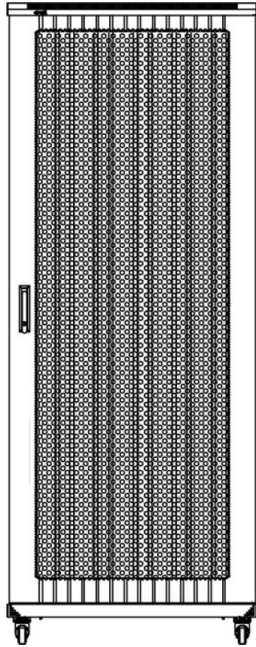
U height profile markings

Environ ER600 42U Rack 600x1000mm W/Vented
(F) D/Vented (R) B/Panels No/Mgmt Black

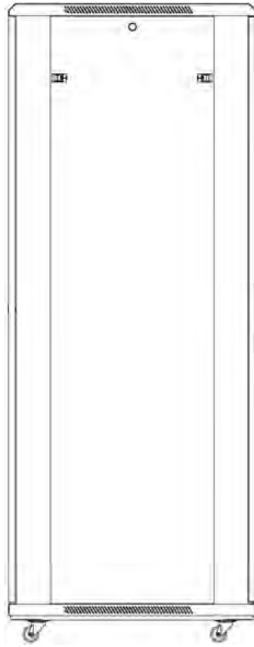
Item Code: 542-42610-WDBN-BK



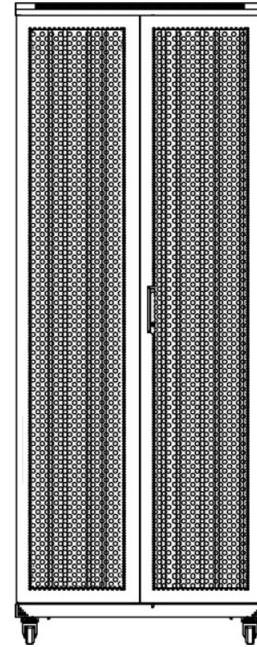
Product drawings



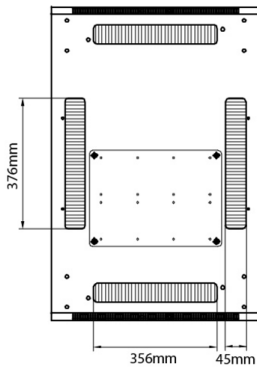
Front



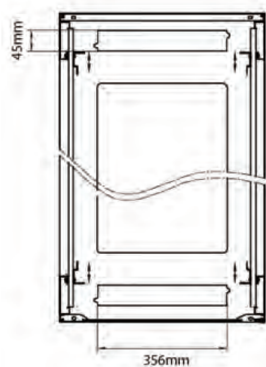
Side



Rear



Roof



Base

Base Cut Out Dimensions

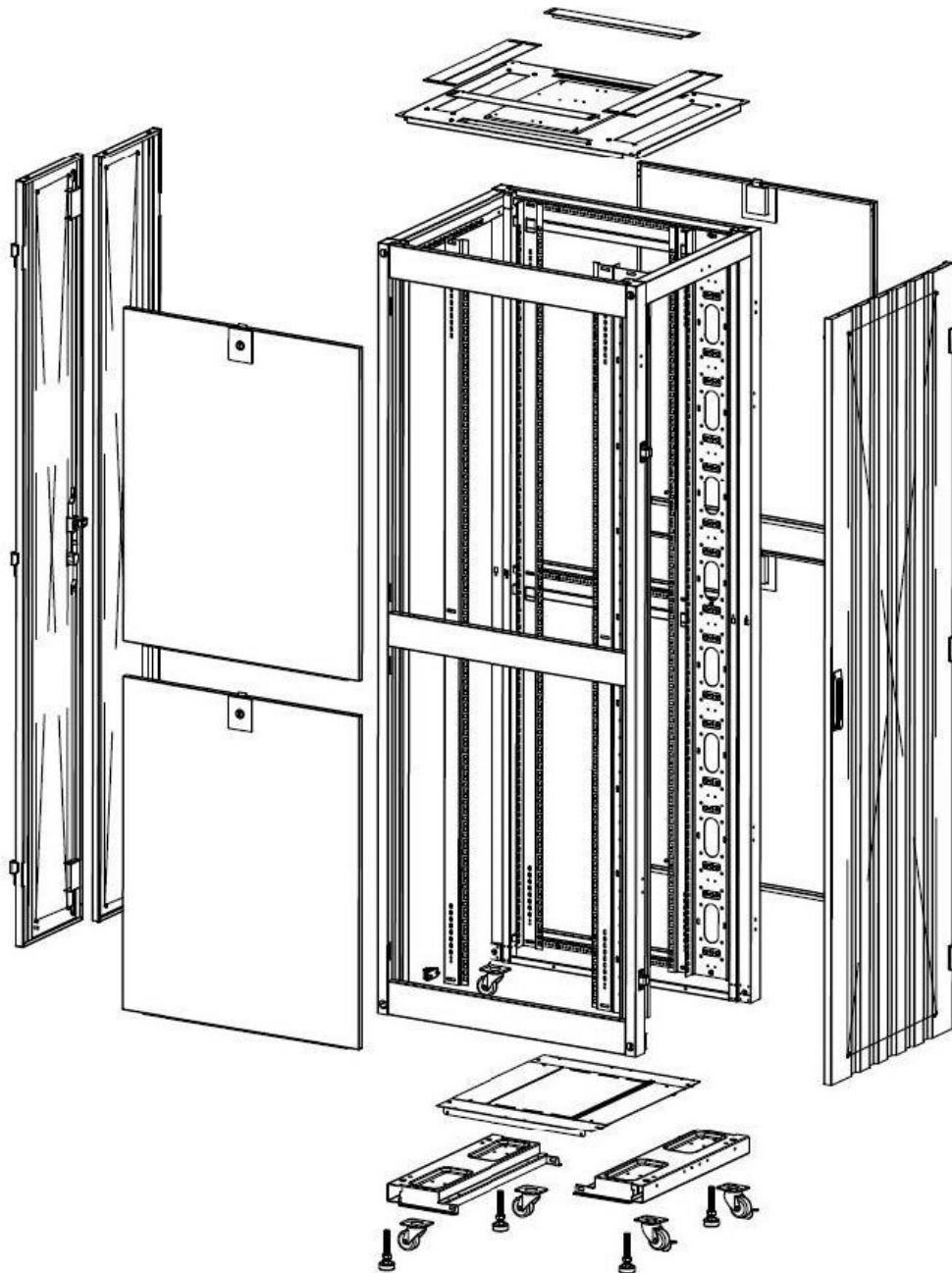
380 mm Wide
by
276 mm Deep (600 mm deep rack)
476 mm Deep (800 mm deep rack)
676 mm Deep (1000 mm deep rack)

Environ ER600 42U Rack 600x1000mm W/Vented
(F) D/Vented (R) B/Panels No/Mgmt Black

Item Code: 542-42610-WDBN-BK

excel
without compromise.

Exploded view



Environ ER600 42U Rack 600x1000mm W/Vented (F) D/Vented (R) B/Panels No/Mgmt Black

Item Code: 542-42610-WDBN-BK



Part Number Table

Part Number	Description
542-29610-WDBN-BK	Environ ER600 29U Rack 600x1000mm W/Vented (F) D/Vented (R) B/Panels No/Mgmt Black
542-29610-WDBN-BK-FP	Environ ER600 29U Rack 600x1000mm W/Vented (F) D/Vented (R) B/Panels No/Mgmt Black Flat Pack
542-29610-WDBN-GW	Environ ER600 29U Rack 600x1000mm W/Vented (F) D/Vented (R) B/Panels No/Mgmt Grey White
542-29610-WDBN-GW-FP	Environ ER600 29U Rack 600x1000mm W/Vented (F) D/Vented (R) B/Panels No/Mgmt Grey White Flat Pack
542-2966-WDBN-BK	Environ ER600 29U Rack 600x600mm W/Vented (F) D/Vented (R) B/Panels No/Mgmt Black
542-2966-WDBN-BK-FP	Environ ER600 29U Rack 600x600mm W/Vented (F) D/Vented (R) B/Panels No/Mgmt Black Flat Pack
542-2966-WDBN-GW	Environ ER600 29U Rack 600x600mm W/Vented (F) D/Vented (R) B/Panels No/Mgmt Grey White
542-2966-WDBN-GW-FP	Environ ER600 29U Rack 600x600mm W/Vented (F) D/Vented (R) B/Panels No/Mgmt Grey White Flat Pack
542-2968-WDBN-BK	Environ ER600 29U Rack 600x800mm W/Vented (F) D/Vented (R) B/Panels No/Mgmt Black
542-2968-WDBN-BK-FP	Environ ER600 29U Rack 600x800mm W/Vented (F) D/Vented (R) B/Panels No/Mgmt Black Flat Pack
542-2968-WDBN-GW	Environ ER600 29U Rack 600x800mm W/Vented (F) D/Vented (R) B/Panels No/Mgmt Grey White
542-2968-WDBN-GW-FP	Environ ER600 29U Rack 600x800mm W/Vented (F) D/Vented (R) B/Panels No/Mgmt Grey White Flat Pack
542-42610-WDBN-BK	Environ ER600 42U Rack 600x1000mm W/Vented (F) D/Vented (R) B/Panels No/Mgmt Black
542-42610-WDBN-BK-FP	Environ ER600 42U Rack 600x1000mm W/Vented (F) D/Vented (R) B/Panels No/Mgmt Black Flat Pack
542-42610-WDBN-GW	Environ ER600 42U Rack 600x1000mm W/Vented (F) D/Vented (R) B/Panels No/Mgmt Grey White
542-42610-WDBN-GW-FP	Environ ER600 42U Rack 600x1000mm W/Vented (F) D/Vented (R) B/Panels No/Mgmt Grey White Flat Pack
542-4266-WDBN-BK	Environ ER600 42U Rack 600x600mm W/Vented (F) D/Vented (R) B/Panels No/Mgmt Black
542-4266-WDBN-BK-FP	Environ ER600 42U Rack 600x600mm W/Vented (F) D/Vented (R) B/Panels No/Mgmt Black Flat Pack
542-4266-WDBN-GW	Environ ER600 42U Rack 600x600mm W/Vented (F) D/Vented (R) B/Panels No/Mgmt Grey White

Environ ER600 42U Rack 600x1000mm W/Vented (F) D/Vented (R) B/Panels No/Mgmt Black

Item Code: 542-42610-WDBN-BK



542-4266-WDBN-GW-FP	Environ ER600 42U Rack 600x600mm W/Vented (F) D/Vented (R) B/Panels No/Mgmt Grey White Flat Pack
542-4268-WDBN-BK	Environ ER600 42U Rack 600x800mm W/Vented (F) D/Vented (R) B/Panels No/Mgmt Black
542-4268-WDBN-BK-FP	Environ ER600 42U Rack 600x800mm W/Vented (F) D/Vented (R) B/Panels No/Mgmt Black Flat Pack
542-4268-WDBN-GW	Environ ER600 42U Rack 600x800mm W/Vented (F) D/Vented (R) B/Panels No/Mgmt Grey White
542-4268-WDBN-GW-FP	Environ ER600 42U Rack 600x800mm W/Vented (F) D/Vented (R) B/Panels No/Mgmt Grey White Flat Pack
542-47610-WDBN-BK	Environ ER600 47U Rack 600x1000mm W/Vented (F) D/Vented (R) B/Panels No/Mgmt Black
542-47610-WDBN-BK-FP	Environ ER600 47U Rack 600x1000mm W/Vented (F) D/Vented (R) B/Panels No/Mgmt Black Flat Pack
542-47610-WDBN-GW	Environ ER600 47U Rack 600x1000mm W/Vented (F) D/Vented (R) B/Panels No/Mgmt Grey White
542-47610-WDBN-GW-FP	Environ ER600 47U Rack 600x1000mm W/Vented (F) D/Vented (R) B/Panels No/Mgmt Grey White Flat Pack
542-4766-WDBN-BK	Environ ER600 47U Rack 600x600mm W/Vented (F) D/Vented (R) B/Panels No/Mgmt Black
542-4766-WDBN-BK-FP	Environ ER600 47U Rack 600x600mm W/Vented (F) D/Vented (R) B/Panels No/Mgmt Black Flat Pack
542-4766-WDBN-GW	Environ ER600 47U Rack 600x600mm W/Vented (F) D/Vented (R) B/Panels No/Mgmt Grey White
542-4766-WDBN-GW-FP	Environ ER600 47U Rack 600x600mm W/Vented (F) D/Vented (R) B/Panels No/Mgmt Grey White Flat Pack
542-4768-WDBN-BK	Environ ER600 47U Rack 600x800mm W/Vented (F) D/Vented (R) B/Panels No/Mgmt Black
542-4768-WDBN-BK-FP	Environ ER600 47U Rack 600x800mm W/Vented (F) D/Vented (R) B/Panels No/Mgmt Black Flat Pack
542-4768-WDBN-GW	Environ ER600 47U Rack 600x800mm W/Vented (F) D/Vented (R) B/Panels No/Mgmt Grey White
542-4768-WDBN-GW-FP	Environ ER600 47U Rack 600x800mm W/Vented (F) D/Vented (R) B/Panels No/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



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