

Environ ER600 47U Rack 600x600mm W/Vented (F)  
D/Vented (R) B/Panels No/Mgmt Grey White  
Item Code: 542-4766-WDBN-GW



- 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                    | 2207 mm        |
| Depth                     | 600 mm         |
| Modular spacing           | 19 inch        |
| Number of rack units (RU) | 47             |
| Max. load capacity        | 800 kg         |

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|                                |                |
|--------------------------------|----------------|
| 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                         | Grey           |
| RAL-number                     | 9002           |
| 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                    |

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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   |
| 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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**excel**  
without compromise.

### Product images



Four-way brush entry roof panel



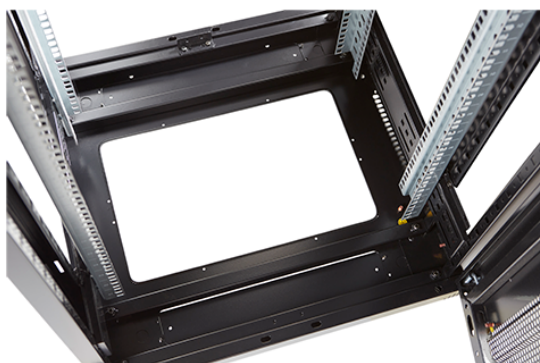
Quick-slam latch side panels



Swing handle wave vented front door



Wardrobe vented rear doors



Large base entry



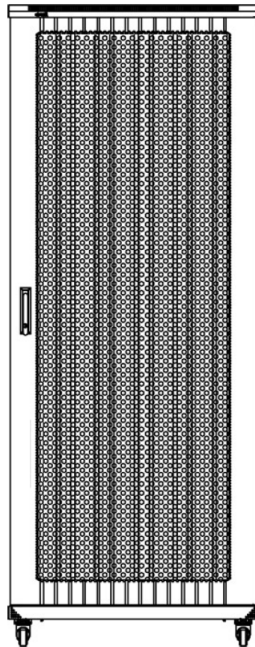
U height profile markings

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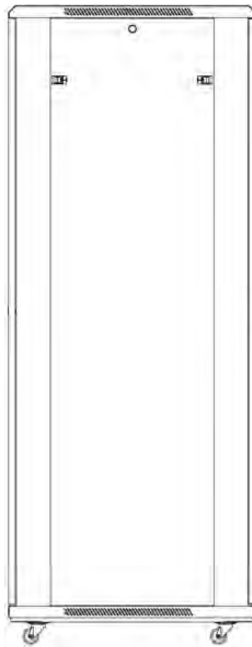
Item Code: 542-4766-WDBN-GW



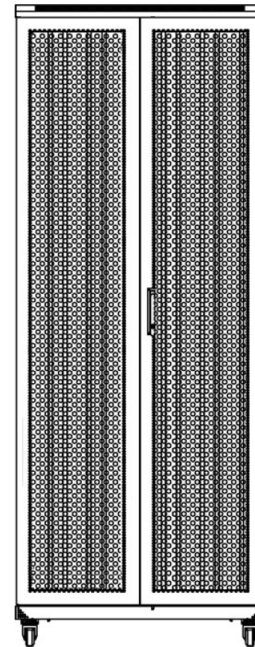
Product drawings



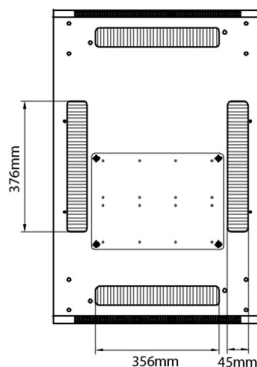
Front



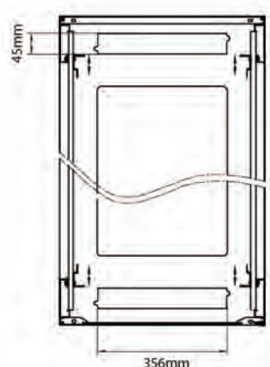
Side



Rear



Roof



Base

Base Cut Out Dimensions

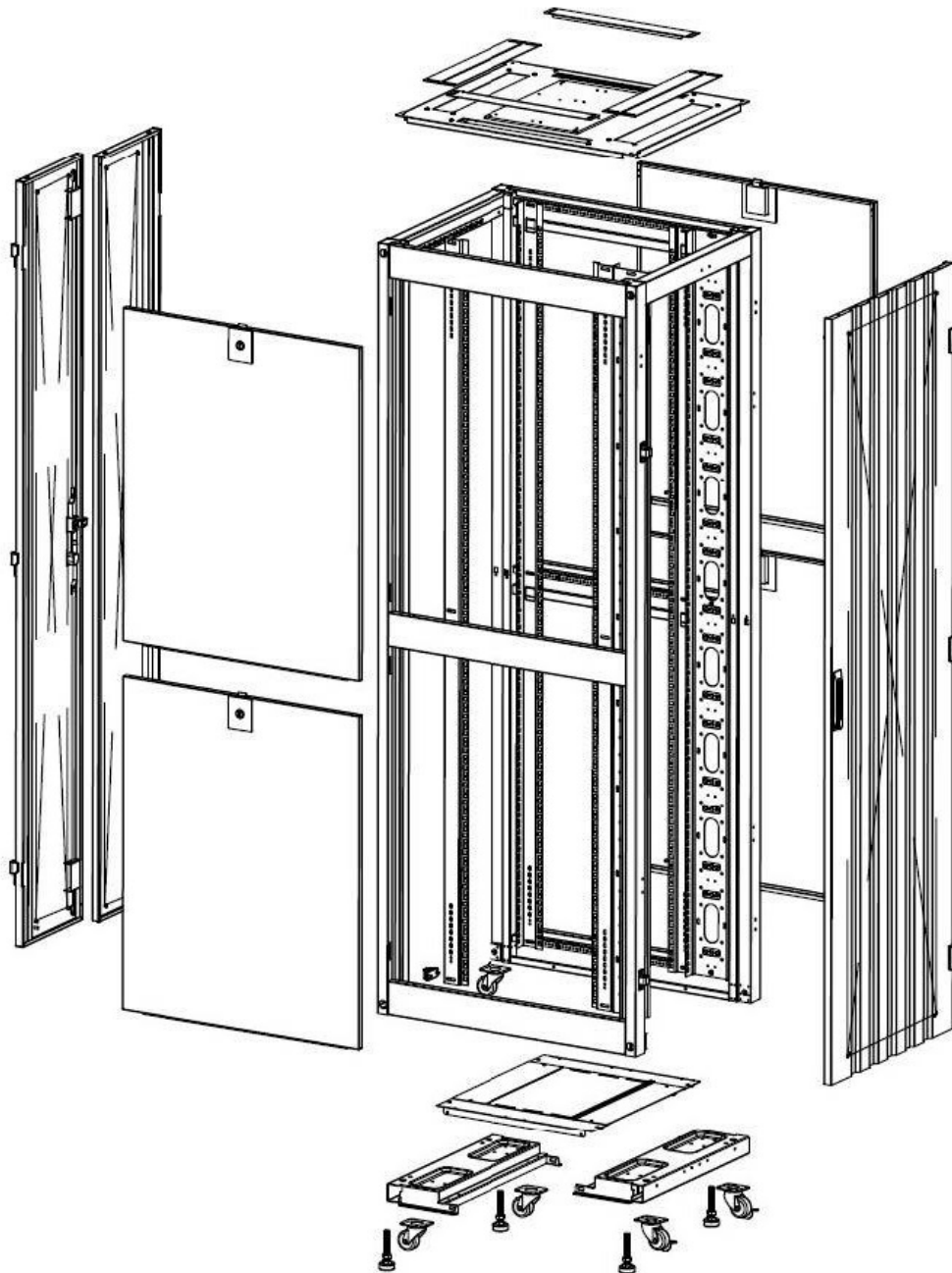
380 mm Wide  
by  
276 mm Deep (600 mm deep rack)  
476 mm Deep (800 mm deep rack)  
676 mm Deep (1000 mm deep rack)

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### Exploded view



# Environ ER600 47U Rack 600x600mm W/Vented (F) D/Vented (R) B/Panels No/Mgmt Grey White

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## 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       |
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|                      |   |
|----------------------|---|
| 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 |
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| 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            |
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