

Environ ER800 42U Rack 800x600mm D/Vented (F)
D/Vented (R) B/Panels F/Mgmt Black

Item Code: 542-4286-DDBF-BK



- ✕ Bespoke configuration / double doors front and rear
- ✕ Choice of depths and 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
- ✕ 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 |
|---------------------------|----------------|
| Mounting Profile | Front and rear |
| Type of profile rail | L-shaped |
| Number of doors | 2 |
| Type of ventilation | Passive |
| Width | 800 mm |
| Height | 2070 mm |
| Depth | 600 mm |
| Modular spacing | 19 inch |
| Number of rack units (RU) | 42 |

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| | |
|--------------------------------|----------------|
| Max. load capacity | 800 kg |
| With roof plate | yes |
| With earthing | yes |
| With front door | yes |
| Front door material | Steel |
| Front door locking system | Two-point |
| With rear door | yes |
| Rear door material | Steel |
| Rear door locking system | Two-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 | N/A |
| 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. |

Part Number Table

| Part Number | Description |
|----------------------|---|
| 542-29810-DDBF-BK | Environ ER800 29U Rack 800x1000mm D/Vented (F) D/Vented (R) B/Panels F/Mgmt Black |
| 542-29810-DDBF-BK-FP | Environ ER800 29U Rack 800x1000mm D/Vented (F) D/Vented (R) B/Panels F/Mgmt Black Flat Pack |
| 542-29810-DDBF-GW | Environ ER800 29U Rack 800x1000mm D/Vented (F) D/Vented (R) B/Panels F/Mgmt Grey White |
| 542-29810-DDBF-GW-FP | Environ ER800 29U Rack 800x1000mm D/Vented (F) D/Vented (R) B/Panels F/Mgmt Grey White - F/Pack |
| 542-2986-DDBF-BK | Environ ER800 29U Rack 800x600mm D/Vented (F) D/Vented (R) B/Panels F/Mgmt Black |
| 542-2986-DDBF-BK-FP | Environ ER800 29U Rack 800x600mm D/Vented (F) D/Vented (R) B/Panels F/Mgmt Black Flat Pack |
| 542-2986-DDBF-GW | Environ ER800 29U Rack 800x600mm D/Vented (F) D/Vented (R) B/Panels F/Mgmt Grey White |
| 542-2986-DDBF-GW-FP | Environ ER800 29U Rack 800x600mm D/Vented (F) D/Vented (R) B/Panels |

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| | F/Mgmt Grey White - F/Pack |
|----------------------|--|
| 542-2988-DDBF-BK | Environ ER800 29U Rack 800x800mm D/Vented (F) D/Vented (R) B/Panels F/Mgmt Black |
| 542-2988-DDBF-BK-FP | Environ ER800 29U Rack 800x800mm D/Vented (F) D/Vented (R) B/Panels F/Mgmt Black Flat Pack |
| 542-2988-DDBF-GW | Environ ER800 29U Rack 800x800mm D/Vented (F) D/Vented (R) B/Panels F/Mgmt Grey White |
| 542-2988-DDBF-GW-FP | Environ ER800 29U Rack 800x800mm D/Vented (F) D/Vented (R) B/Panels F/Mgmt Grey White Flat Pack |
| 542-42810-DDBF-BK | Environ ER800 42U Rack 800x1000mm D/Vented (F) D/Vented (R) B/Panels F/Mgmt Black |
| 542-42810-DDBF-BK-FP | Environ ER800 42U Rack 800x1000mm D/Vented (F) D/Vented (R) B/Panels F/Mgmt Black Flat Pack |
| 542-42810-DDBF-GW | Environ ER800 42U Rack 800x1000mm D/Vented (F) D/Vented (R) B/Panels F/Mgmt Grey White |
| 542-42810-DDBF-GW-FP | Environ ER800 42U Rack 800x1000mm D/Vented (F) D/Vented (R) B/Panels F/Mgmt Grey White Flat Pack |
| 542-42812-DDBF-BK | Environ ER800 42U Rack 800x1200mm D/Vented (F) D/Vented (R) B/Panels F/Mgmt Black |
| 542-42812-DDBF-BK-FP | Environ ER800 42U Rack 800x1200mm D/Vented (F) D/Vented (R) B/Panels F/Mgmt Black - F/Pack |
| 542-4286-DDBF-BK | Environ ER800 42U Rack 800x600mm D/Vented (F) D/Vented (R) B/Panels F/Mgmt Black |
| 542-4286-DDBF-BK-FP | Environ ER800 42U Rack 800x600mm D/Vented (F) D/Vented (R) B/Panels F/Mgmt Black Flat Pack |
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| 542-4286-DDBF-GW-FP | Environ ER800 42U Rack 800x600mm D/Vented (F) D/Vented (R) B/Panels F/Mgmt Grey White Flat Pack |
| 542-4288-DDBF-BK | Environ ER800 42U Rack 800x800mm D/Vented (F) D/Vented (R) B/Panels F/Mgmt Black |
| 542-4288-DDBF-BK-FP | Environ ER800 42U Rack 800x800mm D/Vented (F) D/Vented (R) B/Panels F/Mgmt Black Flat Pack |
| 542-4288-DDBF-GW | Environ ER800 42U Rack 800x800mm D/Vented (F) D/Vented (R) B/Panels F/Mgmt Grey White |
| 542-4288-DDBF-GW-FP | Environ ER800 42U Rack 800x800mm D/Vented (F) D/Vented (R) B/Panels F/Mgmt Grey White Flat Pack |
| 542-47810-DDBF-BK | Environ ER800 47U Rack 800x1000mm D/Vented (F) D/Vented (R) B/Panels F/Mgmt Black |
| 542-47810-DDBF-BK-FP | Environ ER800 47U Rack 800x1000mm D/Vented (F) D/Vented (R) B/Panels F/Mgmt Black Flat Pack |

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| 542-47810-DDBF-GW | Environ ER800 47U Rack 800x1000mm D/Vented (F) D/Vented (R) B/Panels F/Mgmt Grey White |
| 542-47810-DDBF-GW-FP | Environ ER800 47U Rack 800x1000mm D/Vented (F) D/Vented (R) B/Panels F/Mgmt Grey White - F/Pack |
| 542-4786-DDBF-BK | Environ ER800 47U Rack 800x600mm D/Vented (F) D/Vented (R) B/Panels F/Mgmt Black |
| 542-4786-DDBF-BK-FP | Environ ER800 47U Rack 800x600mm D/Vented (F) D/Vented (R) B/Panels F/Mgmt Black - F/Pack |
| 542-4786-DDBF-GW | Environ ER800 47U Rack 800x600mm D/Vented (F) D/Vented (R) B/Panels F/Mgmt Grey White |
| 542-4786-DDBF-GW-FP | Environ ER800 47U Rack 800x600mm D/Vented (F) D/Vented (R) B/Panels F/Mgmt Grey White - F/Pack |
| 542-4788-DDBF-BK | Environ ER800 47U Rack 800x800mm D/Vented (F) D/Vented (R) B/Panels F/Mgmt Black |
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