

# Environ CR800 42U Rack 800x600mm Glass (F) Steel (R) B/Panels F/Mgmt Black

Item Code: 542-4286-GSBF-BK

**excel**  
without compromise.



✕ Choice of doors/depths/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

✕ IP20 when fitted with base plate

✕ Racks supplied assembled or flat packed

## Product Overview

Environ CR800 Comms Racks are a versatile range of 800mm 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             |
| Max. load capacity        | 800 kg         |
| With roof plate           | yes            |

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|                                |                     |
|--------------------------------|---------------------|
| With earthing                  | yes                 |
| With front door                | yes                 |
| Front door material            | Glass               |
| 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                    | Communications 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    |
| Rear door                      | Barrel 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   |
| WFD                    | Compliant to Waste Framework Directive  |
| SCIP                   | Compliant - Does Not Contain Substances of Concern in Products  |

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## Product images



Four-way brush entry roof panel



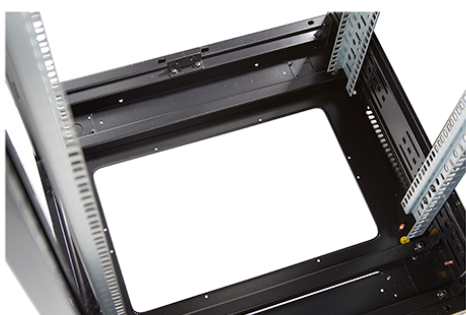
Quick-slam latch side panels



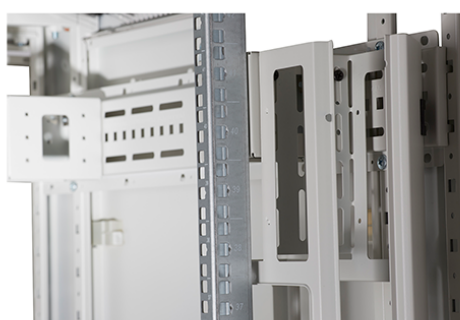
Swing handle glass front door



Steel rear door



Large base entry



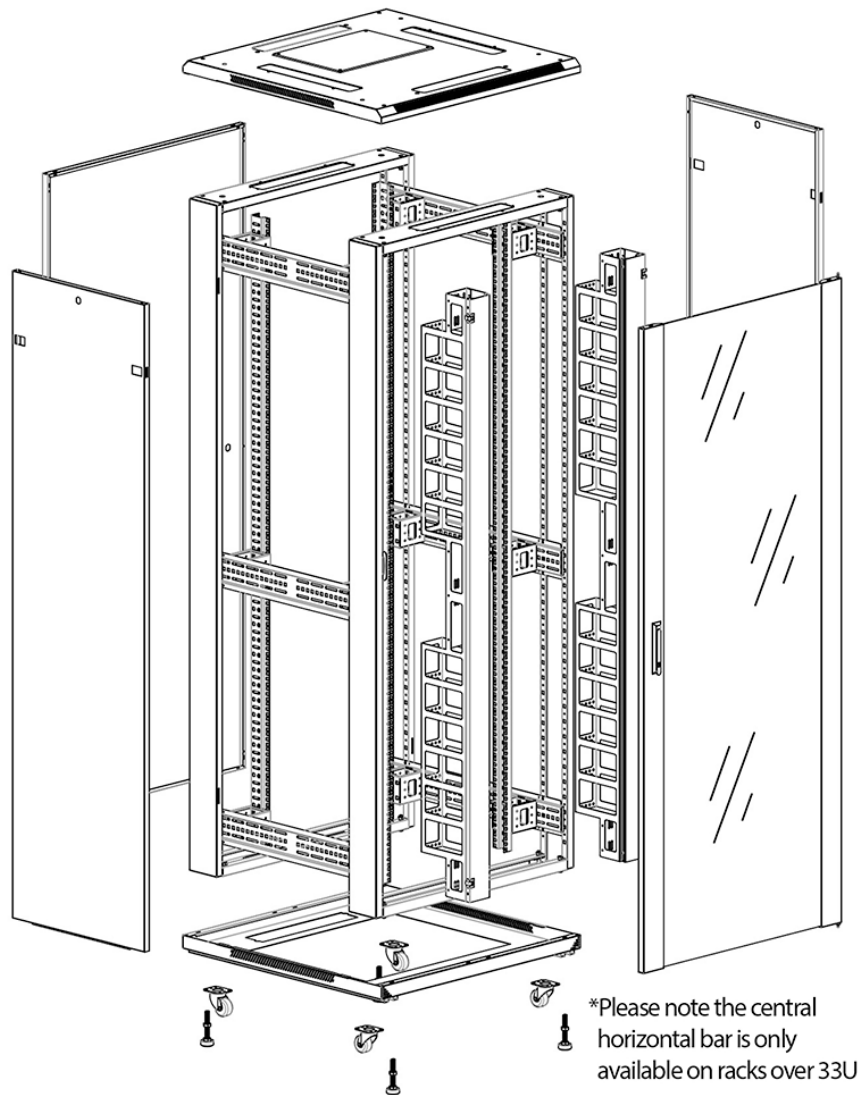
High-density vertical cable management

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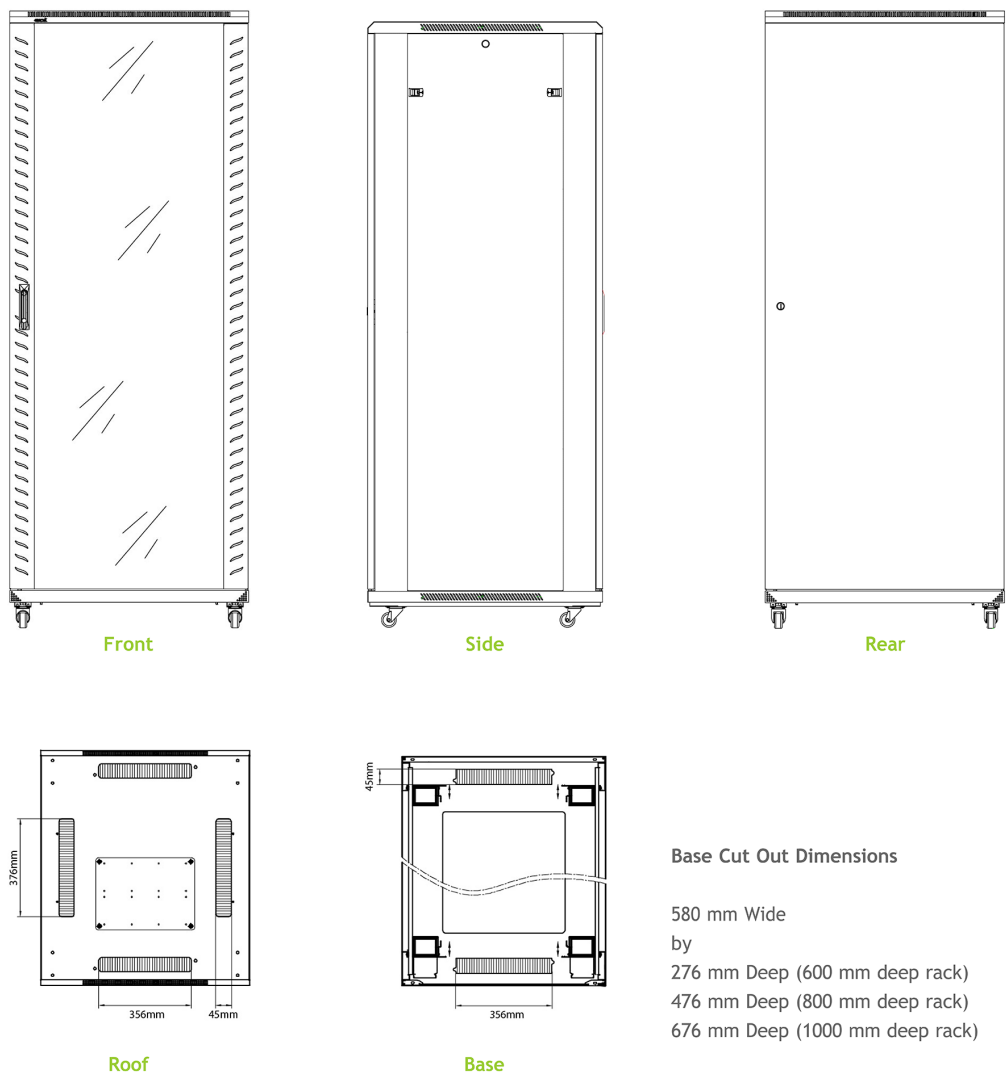
## Product drawings



Environ CR800 42U Rack 800x600mm Glass (F) Steel  
(R) B/Panels F/Mgmt Black  
Item Code: 542-4286-GSBF-BK



Product drawings



Base Cut Out Dimensions

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

Part Number Table

| Part Number         | Description  |
|---------------------|--|
| 542-2486-GSBF-BK    | Environ CR800 24U Rack 800x600mm Glass (F) Steel (R) B/Panels F/Mgmt Black           |
| 542-2486-GSBF-BK-FP | Environ CR800 24U Rack 800x600mm Glass (F) Steel (R) B/Panels F/Mgmt Black Flat Pack |

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|                      |  |
|----------------------|--|
| 542-2486-GSBF-GW     | Environ CR800 24U Rack 800x600mm Glass (F) Steel (R) B/Panels F/Mgmt Grey White            |
| 542-2486-GSBF-GW-FP  | Environ CR800 24U Rack 800x600mm Glass (F) Steel (R) B/Panels F/Mgmt Grey White Flat Pack  |
| 542-2488-GSBF-BK     | Environ CR800 24U Rack 800x800mm Glass (F) Steel (R) B/Panels F/Mgmt Black                 |
| 542-2488-GSBF-BK-FP  | Environ CR800 24U Rack 800x800mm Glass (F) Steel (R) B/Panels F/Mgmt Black Flat Pack       |
| 542-2488-GSBF-GW     | Environ CR800 24U Rack 800x800mm Glass (F) Steel (R) B/Panels F/Mgmt Grey White            |
| 542-2488-GSBF-GW-FP  | Environ CR800 24U Rack 800x800mm Glass (F) Steel (R) B/Panels F/Mgmt Grey White Flat Pack  |
| 542-29810-GSBF-BK    | Environ CR800 29U Rack 800x1000mm Glass (F) Steel (R) B/Panels F/Mgmt Black                |
| 542-29810-GSBF-BK-FP | Environ CR800 29U Rack 800x1000mm Glass (F) Steel (R) B/Panels F/Mgmt Black Flat Pack      |
| 542-29810-GSBF-GW    | Environ CR800 29U Rack 800x1000mm Glass (F) Steel (R) B/Panels F/Mgmt Grey White           |
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| 542-2986-GSBF-GW-FP  | Environ CR800 29U Rack 800x600mm Glass (F) Steel (R) B/Panels F/Mgmt Grey White Flat Pack  |
| 542-2988-GSBF-BK     | Environ CR800 29U Rack 800x800mm Glass (F) Steel (R) B/Panels F/Mgmt Black                 |
| 542-2988-GSBF-BK-FP  | Environ CR800 29U Rack 800x800mm Glass (F) Steel (R) B/Panels F/Mgmt Black Flat Pack       |
| 542-2988-GSBF-GW     | Environ CR800 29U Rack 800x800mm Glass (F) Steel (R) B/Panels F/Mgmt Grey White            |
| 542-2988-GSBF-GW-FP  | Environ CR800 29U Rack 800x800mm Glass (F) Steel (R) B/Panels F/Mgmt Grey White Flat Pack  |
| 542-33810-GSBF-BK    | Environ CR800 33U Rack 800x1000mm Glass (F) Steel (R) B/Panels F/Mgmt Black                |
| 542-33810-GSBF-BK-FP | Environ CR800 33U Rack 800x1000mm Glass (F) Steel (R) B/Panels F/Mgmt Black Flat Pack      |

# Environ CR800 42U Rack 800x600mm Glass (F) Steel (R) B/Panels F/Mgmt Black

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|                      |  |
|----------------------|--|
| 542-33810-GSBF-GW    | Environ CR800 33U Rack 800x1000mm Glass (F) Steel (R) B/Panels F/Mgmt Grey White           |
| 542-33810-GSBF-GW-FP | Environ CR800 33U Rack 800x1000mm Glass (F) Steel (R) B/Panels F/Mgmt Grey White Flat Pack |
| 542-3386-GSBF-BK     | Environ CR800 33U Rack 800x600mm Glass (F) Steel (R) B/Panels F/Mgmt Black                 |
| 542-3386-GSBF-BK-FP  | Environ CR800 33U Rack 800x600mm Glass (F) Steel (R) B/Panels F/Mgmt Black Flat Pack       |
| 542-3386-GSBF-GW     | Environ CR800 33U Rack 800x600mm Glass (F) Steel (R) B/Panels F/Mgmt Grey White            |
| 542-3386-GSBF-GW-FP  | Environ CR800 33U Rack 800x600mm Glass (F) Steel (R) B/Panels F/Mgmt Grey White Flat Pack  |
| 542-3388-GSBF-BK     | Environ CR800 33U Rack 800x800mm Glass (F) Steel (R) B/Panels F/Mgmt Black                 |
| 542-3388-GSBF-BK-FP  | Environ CR800 33U Rack 800x800mm Glass (F) Steel (R) B/Panels F/Mgmt Black Flat Pack       |
| 542-3388-GSBF-GW     | Environ CR800 33U Rack 800x800mm Glass (F) Steel (R) B/Panels F/Mgmt Grey White            |
| 542-3388-GSBF-GW-FP  | Environ CR800 33U Rack 800x800mm Glass (F) Steel (R) B/Panels F/Mgmt Grey White Flat Pack  |
| 542-42810-GSBF-BK    | Environ CR800 42U Rack 800x1000mm Glass (F) Steel (R) B/Panels F/Mgmt Black                |
| 542-42810-GSBF-BK-FP | Environ CR800 42U Rack 800x1000mm Glass (F) Steel (R) B/Panels F/Mgmt Black Flat Pack      |
| 542-42810-GSBF-GW    | Environ CR800 42U Rack 800x1000mm Glass (F) Steel (R) B/Panels F/Mgmt Grey White           |
| 542-42810-GSBF-GW-FP | Environ CR800 42U Rack 800x1000mm Glass (F) Steel (R) B/Panels F/Mgmt Grey White Flat Pack |
| 542-4286-GSBF-BK     | Environ CR800 42U Rack 800x600mm Glass (F) Steel (R) B/Panels F/Mgmt Black                 |
| 542-4286-GSBF-BK-FP  | Environ CR800 42U Rack 800x600mm Glass (F) Steel (R) B/Panels F/Mgmt Black Flat Pack       |
| 542-4286-GSBF-GW     | Environ CR800 42U Rack 800x600mm Glass (F) Steel (R) B/Panels F/Mgmt Grey White            |
| 542-4286-GSBF-GW-FP  | Environ CR800 42U Rack 800x600mm Glass (F) Steel (R) B/Panels F/Mgmt Grey White Flat Pack  |
| 542-4288-GSBF-BK     | Environ CR800 42U Rack 800x800mm Glass (F) Steel (R) B/Panels F/Mgmt Black                 |
| 542-4288-GSBF-BK-FP  | Environ CR800 42U Rack 800x800mm Glass (F) Steel (R) B/Panels F/Mgmt Black Flat Pack       |
| 542-4288-GSBF-GW     | Environ CR800 42U Rack 800x800mm Glass (F) Steel (R) B/Panels F/Mgmt                       |



# Environ CR800 42U Rack 800x600mm Glass (F) Steel (R) B/Panels F/Mgmt Black

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Grey White

|                      |  |
|----------------------|--|
| 542-4288-GSBF-GW-FP  | Environ CR800 42U Rack 800x800mm Glass (F) Steel (R) B/Panels F/Mgmt Grey White Flat Pack  |
| 542-47810-GSBF-BK    | Environ CR800 47U Rack 800x1000mm Glass (F) Steel (R) B/Panels F/Mgmt Black                |
| 542-47810-GSBF-BK-FP | Environ CR800 47U Rack 800x1000mm Glass (F) Steel (R) B/Panels F/Mgmt Black Flat Pack      |
| 542-47810-GSBF-GW    | Environ CR800 47U Rack 800x1000mm Glass (F) Steel (R) B/Panels F/Mgmt Grey White           |
| 542-47810-GSBF-GW-FP | Environ CR800 47U Rack 800x1000mm Glass (F) Steel (R) B/Panels F/Mgmt Grey White Flat Pack |
| 542-4786-GSBF-BK     | Environ CR800 47U Rack 800x600mm Glass (F) Steel (R) B/Panels F/Mgmt Black                 |
| 542-4786-GSBF-BK-FP  | Environ CR800 47U Rack 800x600mm Glass (F) Steel (R) B/Panels F/Mgmt Black Flat Pack       |
| 542-4786-GSBF-GW     | Environ CR800 47U Rack 800x600mm Glass (F) Steel (R) B/Panels F/Mgmt Grey White            |
| 542-4786-GSBF-GW-FP  | Environ CR800 47U Rack 800x600mm Glass (F) Steel (R) B/Panels F/Mgmt Grey White Flat Pack  |
| 542-4788-GSBF-BK     | Environ CR800 47U Rack 800x800mm Glass (F) Steel (R) B/Panels F/Mgmt Black                 |
| 542-4788-GSBF-BK-FP  | Environ CR800 47U Rack 800x800mm Glass (F) Steel (R) B/Panels F/Mgmt Black Flat Pack       |
| 542-4788-GSBF-GW     | Environ CR800 47U Rack 800x800mm Glass (F) Steel (R) B/Panels F/Mgmt Grey White            |
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