Excel Environ WR500 Wall Rack Network Data Cabinet 6U 500 mm Deep Black

Item Code: WB6.5SGB

- Choice of depths available (390 mm, 500 mm, 600 mm)
- Available in Black or Grey
- Aesthetically pleasing framed safety glass front door (IK08 Glass doors)
- Quick release doors and side panel
- Adjustable front and rear 19" mounting profiles
- Removable cable entry panel in top and base

Product Overview

WB6.5SGB Excel Environ WR500 Wall Rack Network Data Cabinet 6U WxD 570 mm x 500 mm Black, part of a huge range of Network Data Cabinets available from Mayflex. The Excel Environ WR is a range of wall-mounted 570 mm wide racks designed for the installation of both cabling and equipment.

The WR series of Wall Racks is available in depths of 390 mm, 500 mm and 600 mm and is suitable for multiple applications including local area networking (LAN) cabling and hardware, and the housing of security, audio and visual equipment.

Product Specifications

Feature	Values
Mounting Profile	Front and rear
Model	With permanent frame
Type of profile rail	L-shaped
Number of doors	1
Type of ventilation	Passive
Width	570 mm
Height	368 mm
Depth	500 mm

Modular spacing	19 inch
Number of rack units (RU)	6
Max. load capacity	60 kg
With roof plate	yes
With earthing	no
With front door	yes
Side panels included	yes
Flat-packed	no
Material	Steel
Type of surface	Powder coated
Colour	Black
RAL-number	9004
IP-rating	IP20

Additional specifications

Features	Values
Frame	1.20 mm
Top cover and fan entry plate	1.20 mm
19” mounting angles	1.50 mm
Side panels	1.20 mm
Front door frame	1.20 mm
Front door glass	5.00 mm
Cable Entry Knock Out (Roof & Base)	230 mm x 45 mm

Standards

Standard	Detail
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
BS 3193:2008	Specification for thermally toughened glass panels for use in domestic appliances
IEC 62262: 2002	Degrees of protection provided by enclosures for electrical

	equipment against external mechanical impacts (IK code)
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.

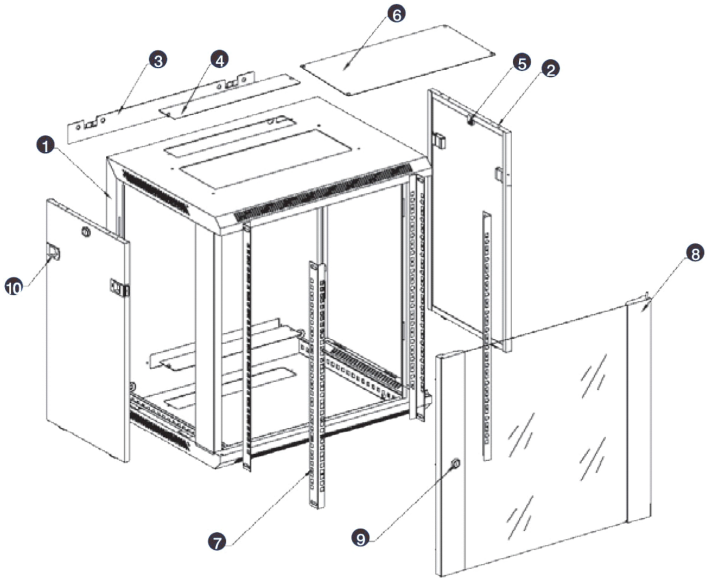
Product images

- Aesthetically pleasing design with framed glass front door

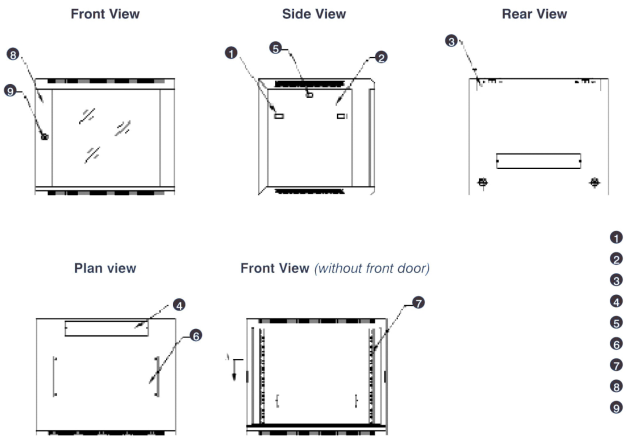
- Lockable, quick release side panels, for maximum access into cabinet

- Cable entry cut out in top and base
- Angled vented roof
- Adjustable 19" mounting profiles

Exploded view

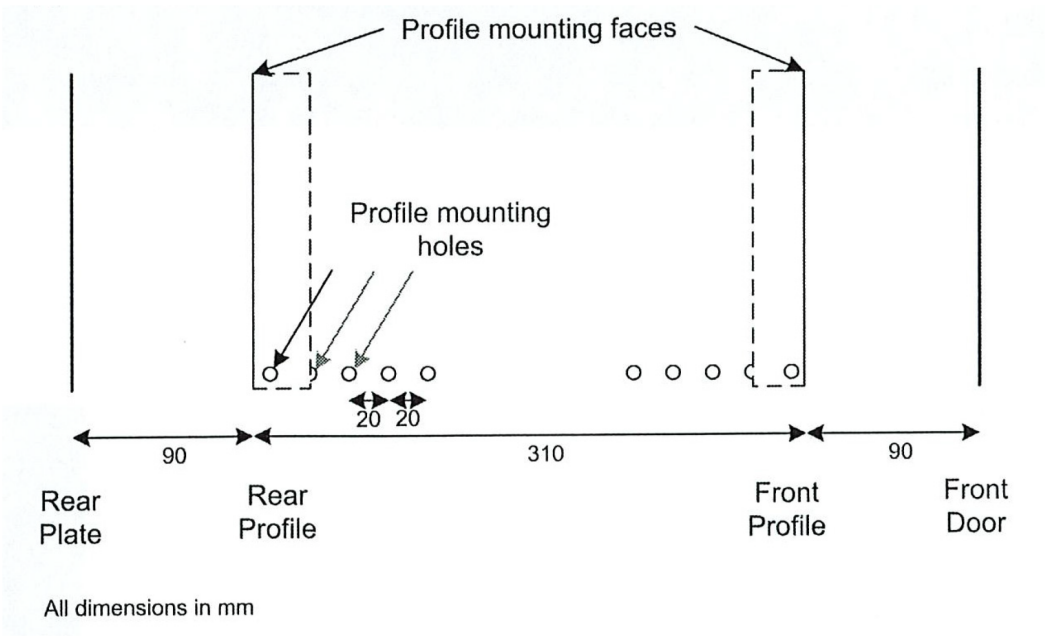


1. Frame
2. Side panel
3. Mounting panel
4. Cable entry cover, removeable
5. Side key lock
6. Fan cover, removeable
7. Mounting profile
8. Front door
9. Front door key lock
10. Slam latch lock



1. Slam latch lock
2. Side panel
3. Mounting panel
4. Cable entry cover, removeable
5. Side key lock
6. Fan cover, removeable
7. Mounting profile
8. Front door
9. Front door key lock

Product drawings



Part Number Table

Part Number	Description
WB12.5SG	Excel Environ WR500 Wall Rack Network Data Cabinet 12U 500 mm Deep Grey
WB12.5SGB	Excel Environ WR500 Wall Rack Network Data Cabinet 12U 500 mm Deep Black
WB15.5SG	Excel Environ WR500 Wall Rack Network Data Cabinet 15U 500 mm Deep Grey
WB15.5SGB	Excel Environ WR500 Wall Rack Network Data Cabinet 15U 500 mm Deep Black
WB18.5SG	Excel Environ WR500 Wall Rack Network Data Cabinet 18U 500 mm Deep Grey
WB18.5SGB	Excel Environ WR500 Wall Rack Network Data Cabinet 18U 500 mm Deep Black
WB21.5SG	Excel Environ WR500 Wall Rack Network Data Cabinet 21U 500 mm Deep Grey
WB21.5SGB	Excel Environ WR500 Wall Rack Network Data Cabinet 21U 500 mm Deep Black
WB6.5SG	Excel Environ WR500 Wall Rack Network Data Cabinet 6U 500 mm Deep Grey

WB6.5SGB	Excel Environ WR500 Wall Rack Network Data Cabinet 6U 500 mm Deep Black
WB9.5SG	Excel Environ WR500 Wall Rack Network Data Cabinet 9U 500 mm Deep Grey
WB9.5SGB	Excel Environ WR500 Wall Rack Network Data Cabinet 9U 500 mm Deep Black
WBFP12.5SG	Excel Environ WR500 Flat Packed Wall Rack Network Cabinet 12U 500 mm Deep Grey
WBFP12.5SGB	Excel Environ WR500 Flat Packed Wall Rack Network Cabinet 12U 500 mm Deep Black
WBFP15.5SG	Excel Environ WR500 Flat Packed Wall Rack Network Cabinet 15U 500 mm Deep Grey
WBFP15.5SGB	Excel Environ WR500 Flat Packed Wall Rack Network Cabinet 15U 500 mm Deep Black
WBFP18.5SG	Excel Environ WR500 Flat Packed Wall Rack Network Cabinet 18U 500 mm Deep Grey
WBFP18.5SGB	Excel Environ WR500 Flat Packed Wall Rack Network Cabinet 18U 500 mm Deep Black
WBFP21.5SG	Excel Environ WR500 Flat Packed Wall Rack Network Cabinet 21U 500 mm Deep Grey
WBFP21.5SGB	Excel Environ WR500 Flat Packed Wall Rack Network Cabinet 21U 500 mm Deep Black
WBFP6.5SG	Excel Environ WR500 Flat Packed Wall Rack Network Cabinet 6U 500 mm Deep Grey
WBFP6.5SGB	Excel Environ WR500 Flat Packed Wall Rack Network Cabinet 6U 500 mm Deep Black
WBFP9.5SG	Excel Environ WR500 Flat Packed Wall Rack Network Cabinet 9U 500 mm Deep Grey
WBFP9.5SGB	Excel Environ WR500 Flat Packed Wall Rack Network Cabinet 9U 500 mm Deep Black

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.