

# Excel WR390 Wall Rack Network Data Cabinet 18U 390 mm Deep Black

excel  
without compromise.

Part Code: WB18.390SG-BK

sales@excel-networking.com  
excel-networking.com

CIBSE TM65 Embodied Carbon: 139.644 kg CO2e



## Main Features

- / 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

WB18.390SG-BK Excel Environ WR390 Wall Rack Network Data Cabinet 18U WxD 570 mm x 390 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.

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## Product Specifications

Feature	Values
Mounting Profile	<b>Front and rear</b>
Model	<b>With permanent frame</b>
Type of profile rail	<b>L-shaped</b>
Number of doors	<b>1</b>
Type of ventilation	<b>Passive</b>
Width	<b>570 mm</b>
Height	<b>901 mm</b>
Depth	<b>390 mm</b>
Modular spacing	<b>19 inch</b>
Number of rack units (RU)	<b>18</b>
Max. load capacity	<b>60 kg</b>
With roof plate	<b>yes</b>
With earthing	<b>no</b>
With front door	<b>yes</b>
Side panels included	<b>yes</b>
Flat-packed	<b>no</b>
Material	<b>Steel</b>
Type of surface	<b>Powder coated</b>
Colour	<b>Black</b>
RAL-number	<b>9004</b>
IP-rating	<b>IP20</b>

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## Additional specifications

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

## 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)
Directive 2011/65/EU (RoHS II)	Restriction of the Use of Certain Hazardous Substances in Electrical and Electronic Equipment — compliant. Applies within EU member states).
Directive (EU) 2015/863 (RoHS III)	Amending Directive 2011/65/EU to add four phthalates (DEHP, BBP, DBP, DIBP) to Annex II — compliant.
Directive 2008/98/EC (WFD)	Waste Framework Directive — compliant. Implemented in

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the UK through the Waste (England and Wales) Regulations 2011 (SI 2011 No. 988).

ECHA SCIP Database

Compliant; product does not contain SVHCs (Substances of Very High Concern) as defined under REACH Article 33(1). Submission obligations met under EU REACH and UK REACH.

Regulation (EU) 2019/1021 (POPs)

EU Regulation on Persistent Organic Pollutants — compliant. For Great Britain, compliance is aligned with the Persistent Organic Pollutants (Amendment) (EU Exit) Regulations 2020 (SI 2020 No. 1355).

UK SI 2012 No. 3032

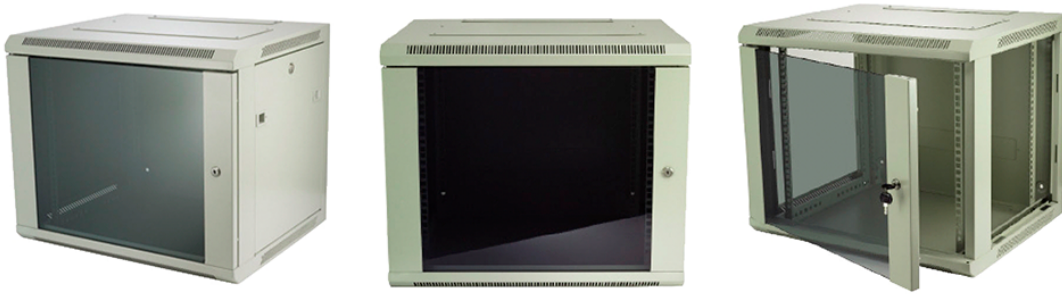
The Restriction of the Use of Certain Hazardous Substances in Electrical and Electronic Equipment Regulations 2012 (UK RoHS) — compliant for Great Britain. Retained EU law, as amended by the Product Safety and Metrology (Amendment etc.) (EU Exit) Regulations 2019.

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## 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



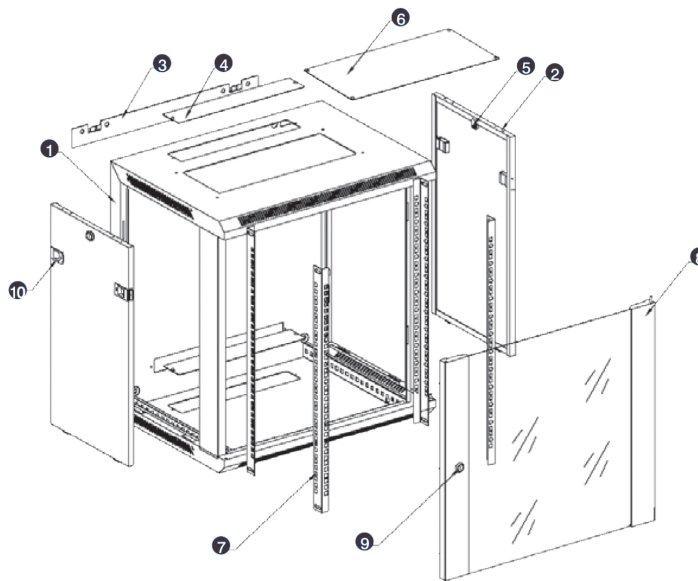
- Adjustable 19" mounting profiles

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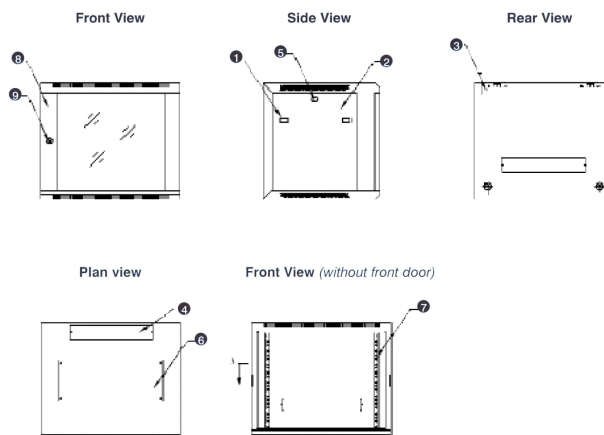
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## Exploded view



- 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



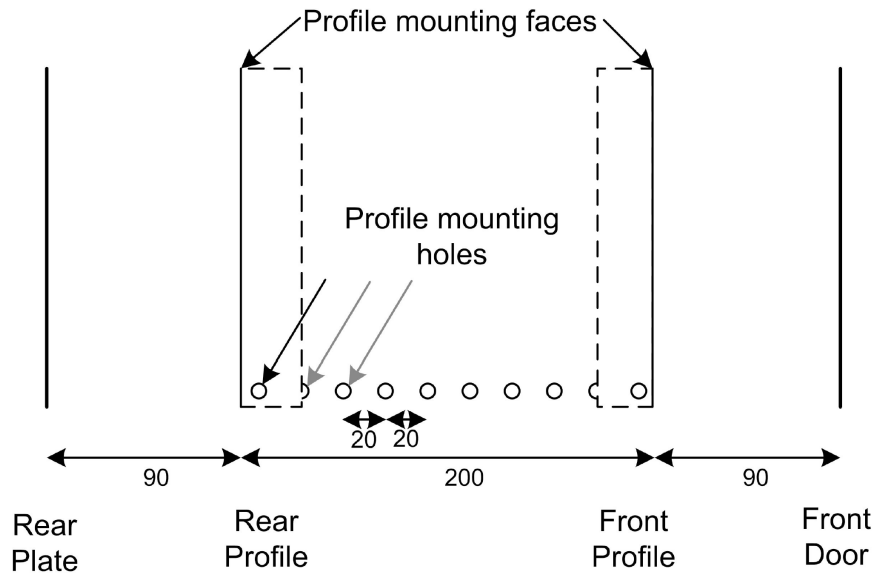
- ① Slam latch lock
- ② Side panel
- ③ Mounting panel
- ④ Cable entry cover, removeable
- ⑤ Side key lock
- ⑥ Fan cover, removeable
- ⑦ Mounting profile
- ⑧ Front door
- ⑨ Front door key lock

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## Product drawings



All dimensions in mm

## Part Code Table

Part Code	Description
WB12.390SG	Excel Environ WR390 Wall Rack Network Data Cabinet 12U 390 mm Deep Grey
WB12.390SG-BK	Excel WR390 Wall Rack Network Data Cabinet 12U 390 mm Deep Black
WB15.390SG	Excel WR390 Wall Rack Network Data Cabinet 15U 390 mm Deep Grey
WB15.390SG-BK	Excel WR390 Wall Rack Network Data Cabinet 15U 390 mm Deep Black
WB18.390SG	Excel Environ WR390 Wall Rack Network Data Cabinet 18U 390 mm Deep Grey
WB18.390SG-BK	Excel WR390 Wall Rack Network Data Cabinet 18U 390 mm Deep Black
WB21.390SG	Excel Environ WR390 Wall Rack Network Data Cabinet 21U 390 mm Deep Grey
WB21.390SG-BK	Excel WR390 Wall Rack Network Data Cabinet 21U 390 mm Deep Black

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WB6.390SG	Excel WR390 Wall Rack Network Data Cabinet 6U 390 mm Deep Grey
WB6.390SG-BK	Excel WR390 Wall Rack Network Data Cabinet 6U 390 mm Deep Black
WB9.390SG	Excel WR390 Wall Rack Network Data Cabinet 9U 390 mm Deep Grey
WB9.390SG-BK	Excel WR390 Wall Rack Network Data Cabinet 9U 390 mm Deep Black
WBFP12.390SG	Excel WR390 Flat Packed Wall Rack Network Cabinet 12U 390 mm Deep Grey
WBFP12.390SGB	Excel WR390 Flat Packed Wall Rack Network Cabinet 12U 390 mm Deep Black
WBFP15.390SG	Excel WR390 Flat Packed Wall Rack Network Cabinet 15U 390 mm Deep Grey
WBFP15.390SGB	Excel WR390 Flat Packed Wall Rack Network Cabinet 15U 390 mm Deep Black
WBFP18.390SG	Excel Environ WR390 Flat Packed Wall Rack Network Cabinet 18U 390 mm Deep Grey
WBFP18.390SGB	Excel WR390 Flat Packed Wall Rack Network Cabinet 18U 390 mm Deep Black
WBFP21.390SG	Excel WR390 Flat Packed Wall Rack Network Cabinet 21U 390 mm Deep Grey
WBFP21.390SGB	Excel WR390 Flat Packed Wall Rack Network Cabinet 21U 390 mm Deep Black
WBFP6.390SG	Excel WR390 Flat Packed Wall Rack Network Cabinet 6U 390 mm Deep Grey
WBFP6.390SGB	Excel WR390 Flat Packed Wall Rack Network Cabinet 6U 390 mm Deep Black
WBFP9.390SG	Excel WR390 Flat Packed Wall Rack Network Cabinet 9U 390 mm Deep Grey
WBFP9.390SGB	Excel WR390 Flat Packed Wall Rack Network Cabinet 9U 390 mm Deep Black