SAFESERV OX – OPEN FRAME RACK RANGE
DATA CENTRE RACKS

The SafeServ OX Open Rack Range is a robust, open-frame racking solution designed for high-density data centre, network, and colocation environments where accessibility, airflow, and flexibility are critical. Built around a fully welded steel frame, the OX range delivers exceptional structural strength and long-term reliability while maintaining an open design that supports efficient cooling and simplified cable management.

Optimised for modern data centre operations, the open rack format enables unrestricted airflow, helping to improve cooling efficiency and support lower PUE targets. The SafeServ OX range is compatible with airflow containment strategies and blanking solutions, making it ideal for environments where thermal performance and energy efficiency are a priority.

KEY FEATURES

- **High Strength & Durability:** Fully welded front and rear steel frames designed for maximum load capacity and long-term reliability.

- **Optimised Airflow:** 83% mesh doors enable high-volume airflow while maintaining secure access control.

- **Flexible Configurations:** Available in multiple heights, depths, and widths, with optional curved or flat doors, single or double leaf plus single or split side panels, as well as tailored finishes.

- **Efficient Cooling & PUE Support:** Compatible with airflow containment and blanking solutions to improve cooling efficiency and power usage effectiveness.

- **Critical Protection:** Secure, lockable panels and doors to protect mission-critical data.

- **Customisable Appearance:** Choice of standard black or white finishes

- **Standards Compliant:** Conforms to IEC-60297-3, EIA-310-E, ISO 9001:2015 and meets RoHS and REACH requirements.

- **Versatile Deployment:** Ideal for server, network, & colocation environments

TECHNICAL CHARACTERISTICS

- **Material:** Steel
- **Finish:** Polyester Powder Coat
- **Colour:** White (RAL 9003)
- **Mounting Format:** 19 Inch
- **Mounting Profiles:** Front And Rear
- **Frame:** Open, No Sides or Doors
- **Profile Setback:** Front: 120mm, Rear: 120mm (Excluding 300mm Deep)
- **Earthing:** Base mounted horizontal copper earth bar
- **Cable Ingress:** Open Top and Base Knockouts
- **Standards:** IEC 60297-3, EIA-310-E, Rohs, REACH, ISO9001:2015
- **Packaging:** Standard Pallet Packing Kit
- **Included Accessories:** Baying Kit, Levelling Feet

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STANDARD SIZES

SKU	Rack Height (RU)/(mm)	Rack Width (mm)	Rack Depth (mm)
OX-470812-W	47U / 2198	800	1200
OX-470810-W	47U / 2198	800	1000
OX-470803-W	47U / 2198	800	300
OX-420812-W	42U / 1976	800	1200
OX-420810-W	42U / 1976	800	1000
OX-420803-W	42U / 1976	800	300
OX-470612-W	47U / 2198	600	1200
OX-470610-W	47U / 2198	600	1000
OX-470603-W	47U / 2198	600	300
OX-420612-W	42U / 1976	600	1200
OX-420610-W	42U / 1976	600	1000
OX-420603-W	42U / 1976	600	30

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OPTIONAL ACCESSORIES

- **Mounting Profile Kits:** 19" Mounting Profiles, ETSI Mounting Profiles & Intermediate Support Profiles

- **Cable Ingress Brush Strip:** Top/Bottom Panel Brush Strip Kits

- **Air Blocking Kits:** Plain Air Blocking Kit, 0U Air Blocking Kit & 0U Maxi Air Blocking Kit

- **Infill Blanking Panels:** 6U Eziblank Panels & 27U Plenafil Panels

- **Cable Trays:** 100mm wide cable tray kit & 150mm wide cable tray kit

- **Earth Bars:** Horizontal Earth Bar Kit &Vertical Earth Bar Kit Swing Handles: Keyed Swing Handle Kit, Combination Swing Handle Kit & Electronic Swing Handle Kit

- **Base Cable Management:** Plinth 4 Post Plinth with Plain Blanks 4 Post Plinth with Brushed Blanks

- **Colour Options:** Black (RAL 9005) White (RAL 9003)

- **Global Packaging Kits:** Wooden Shipping Crate Packaging Kit

- **Transport Castors:** Transport Castors Dolly Kit

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