

Elevate DCR Rack Extension



Product Overview

The Elevate range of Rack Extensions are designed to support and compliment our range of DCR Data Centre Racks. They are welded structures for good load support, and bolt directly onto rack door hinge points, therefore are universal to all racks we offer. Available in 42U, 47U and 52U sizes for 600 mm and 800 mm wide racks, these feature the same large PDU brush entry holes in the roof on both sides. Blanked off holes are also provided in the base and either locations can also be used for PDU cable entry.

The Rack Extensions provide a key way of increasing rack depths and can also be used to support liquid cooling manifolds in the use of direct to chip cooling servers. The cable entry holes top and bottom can also be used to support cooling hoses.

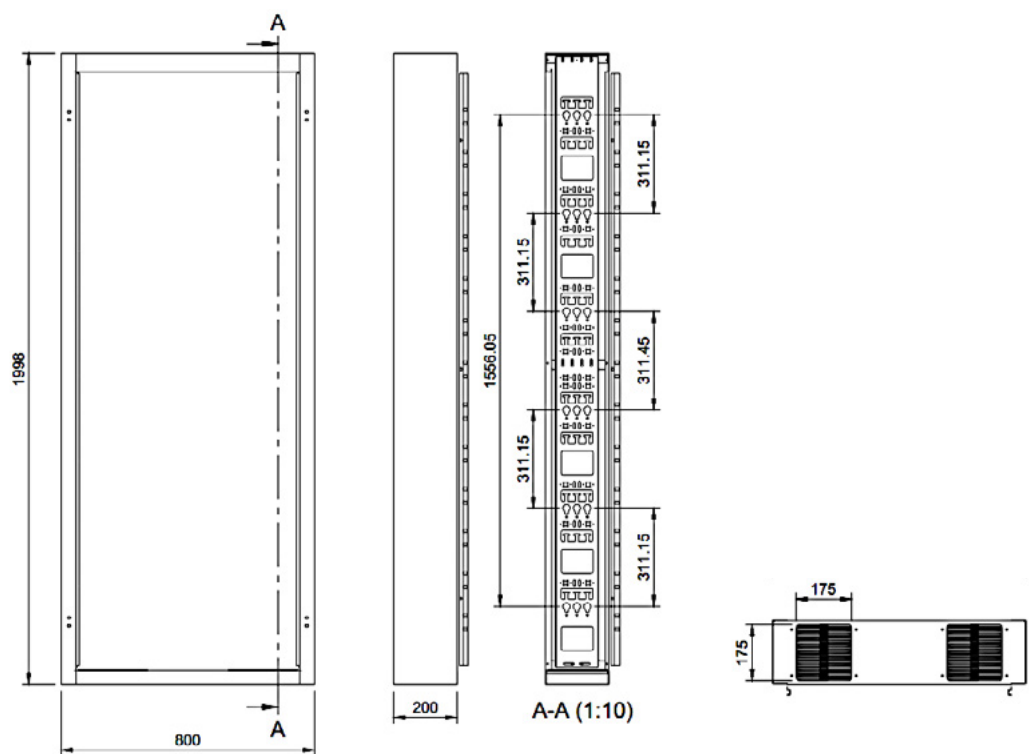
The rack extensions also come with the usual DCR 135mm PDU cable tray, and feature an additional mounting rail for installing cable rings adjacent to this cable tray. The original rack doors can be re-installed back onto the rack extension, completing the finished design.

- ✓ Available in 42U, 47U and 52U sizes
- ✓ PDU ready cable tray fitted both sides
- ✓ Supports re-installation of rear doors
- ✓ Brush entry points in roof for 125A PDUs
- ✓ Similar blanked positions on the base

Product Specifications

Feature	Values
Width	600 mm / 800 mm
Height	2000 mm / 2223 mm / 2446 mm
Depth	1200 mm
Modular spacing	19 inch
Number of rack units (RU)	42 / 47 / 52
Material	Steel
Type of surface	Powder coated
Colour	White / Black
RAL-number	9003 / 9004
Flat-packed	no
IP-rating	IP20
Application	Extension

Product Drawing



Product Standards

Applicable standard	Description
ANSI/EIA-310-E, BS EN 60297-3-100:2009, DIN 41494 Part 1 & 7	Panel Mounting Racks For Electronics Equipments: Racks And Panels
Directive 2008/98/EC (WFD)	Waste Framework Directive — compliant. Implemented in 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).
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.
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.



Part Number Table

Part Number	Description
546-EXT-4262-WH	Elevate DCR Rack 42U 600 x 200 mm Rack Extension White
546-EXT-4762-WH	Elevate DCR Rack 47U 600 x 200 mm Rack Extension White
546-EXT-5262-WH	Elevate DCR Rack 52U 600 x 200 mm Rack Extension White
546-EXT-4282-WH	Elevate DCR Rack 42U 800 x 200 mm Rack Extension White
546-EXT-4782-WH	Elevate DCR Rack 47U 800 x 200 mm Rack Extension White
546-EXT-5282-WH	Elevate DCR Rack 52U 800 x 200 mm Rack Extension White
546-EXT-4262-BK	Elevate DCR Rack 42U 600 x 200 mm Rack Extension Black
546-EXT-4762-BK	Elevate DCR Rack 47U 600 x 200 mm Rack Extension Black
546-EXT-5262-BK	Elevate DCR Rack 52U 600 x 200 mm Rack Extension Black
546-EXT-4282-BK	Elevate DCR Rack 42U 800 x 200 mm Rack Extension Black
546-EXT-4782-BK	Elevate DCR Rack 47U 800 x 200 mm Rack Extension Black
546-EXT-5282-BK	Elevate DCR Rack 52U 800 x 200 mm Rack Extension Black