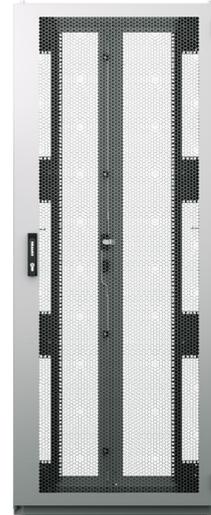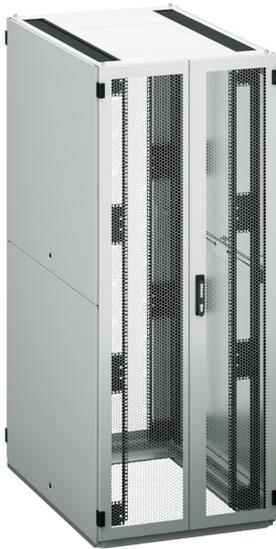# Server Racks Premium DSRP

19"/42U and 47U

with perforated front door and split, perforated rear door
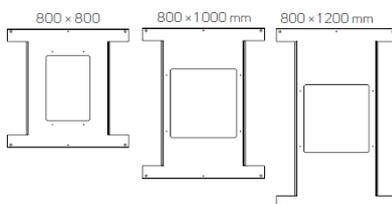RAL 7035 and RAL 9005

Description

The Dätwyler Server Racks Premium (DSRP) are sturdy 19-inch cabinets with a welded steel frame, available in heights of 42U and 47U, as well as in the colors RAL 7035 (light grey) and RAL 9005 (black).

They feature a perforated front door made of sheet steel and a split, perforated steel rear door with a perforation rate of 86%, providing effective passive ventilation. All doors are equipped with a swivel handle lock, a DIN profile, a universal key number 333, and an aperture angle of up to 180°. The doors can be hinged on the right or left (easy to change).

The racks offer a high load capacity of up to 2,000 kilograms and can achieve a protection class of IP54 with an extension.

The racks can be stacked up to 108U.

They are also available in additional heights and configurations to meet specific requirements.

Top plate design

Application

The DSRP racks are the perfect choice for use in modern data centers, where high load capacity and flexible customization options are required.

Critical IT infrastructure such as servers, storage components, and network devices can also be housed in high density.
Thanks to their modular design and the ability to adapt to specific requirements, these racks can be seamlessly integrated into a wide range of IT environments.
In addition, they are optimally designed for use in technical and network rooms, where reliable cooling and precise cable management are essential.
They also provide a robust and adaptable solution for protecting sensitive components in industrial environments.

Mechanical properties

Base frame	Welded, galvanised sheet steel frame (2.0 mm, partially 1.5 mm)
Front door	One-piece, perforated sheet steel
Locking system frontdoor	3-point
Rear door	vertical divided, perforated sheet steel
Locking system reardoor	3-point
Side panels	removable, horizontal divided, locks with universal key
Top panel	One-piece design, removable.Two lateral cable entries cable entries 88 mm wide, covered by brushes over the entire depth of the enclosure and a ventilation opening, suitable for the installation of fans, covered with sheet steel blind panels.
Bottom panel	open
Mounting profile	2 pairs of 19" vertical profiles, front / rear, stepless in depth adjustable from inside, with U label
Feet	Set of adjustable feet as standard
Earthing	pre-installed flat earthing kit
Protection class	IP00
Bayable	yes
Maximum load [KG]	2,000 kg

Scope of delivery

Comes with 28 mounting kits (screws, cage nuts, washers).
Fully assembled and packed, including installation instructions.

Note

These racks can achieve IP54 with the appropriate expansion and are stackable up to 108U. They are also available in heights of 27U and 52U.

Versions

Material number	Product	Height [U]	Height [mm]	Width [mm]	Depth [mm]	Colour	Weight [kg]	GTIN / EAN
41966000ZY	Server Racks Premium DSRP	42	2,005	800	800	black	125 kg	40393910410822
41966200ZY	Server Racks Premium DSRP	42	2,005	800	800	grey	125 kg	40393910410860
41966400ZY	Server Racks Premium DSRP	42	2,005	800	1,000	black	140 kg	40393910410884
41967200ZY	Server Racks Premium DSRP	42	2,005	800	1,000	grey	140 kg	40393910410969
41966600ZY	Server Racks Premium DSRP	42	2,005	800	1,200	black	152 kg	40393910410907
41967400ZY	Server Racks Premium DSRP	42	2,005	800	1,200	grey	152 kg	40393910410983
41966800ZY	Server Racks Premium DSRP	47	2,205	800	1,000	black	148 kg	40393910410921

Material number	Product	Height [U]	Height [mm]	Width [mm]	Depth [mm]	Colour	Weight [kg]	GTIN / EAN
41967600ZY	Server Racks Premium DSRP	47	2,205	800	1,000	grey	148 kg	40393910411003
41967000ZY	Server Racks Premium DSRP	47	2,205	800	1,200	black	164 kg	40393910410945
41967800ZY	Server Racks Premium DSRP	47	2,205	800	1,200	grey	164 kg	40393910411027

More colours / dimensions available on request

Subject to technical modification