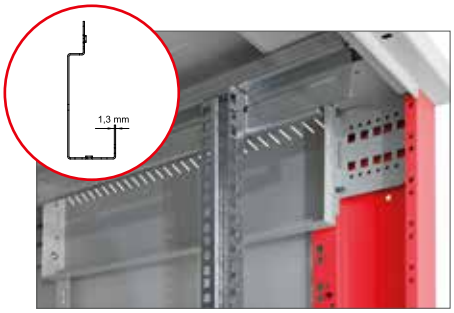
RZA

Cabinet can be disassembled, welded parts
easily bolt together, IP20, capacity up to 800 kg

The new generation of **RZA** cabinets uses innovative features in the skeleton construction which allow for an increased load capacity of 800 kg for all sizes, all while maintaining structural rigidity.

1. The roof of the 600 mm wide cabinet is made of a single piece of material, including newly profiled sliding rails.
2. The vertical rails have a new shape, are wider, and are made of 1,3mm thick material.
3. The lower part of the skeleton has been modified and contributes to the increased load capacity.



New skeleton rails

Increased load capacity and the possibility of installing accessories.

Flex frame

(for 800 mm wide cabinets) This system allows for vertical rail installation in 19", 21" and 23" spans according to the specific needs of equipment in use.

TRITON handles

We manufacture our own handles for the free-standing cabinets. By replacing the plastic module (not included), a traditional or half-cylindrical lock insert can be used. Patent: PUV 2013-27443

Flexible door opening

The hinge system allows the door to open 165°. The door can be easily removed and re-mounted to change the direction of opening.

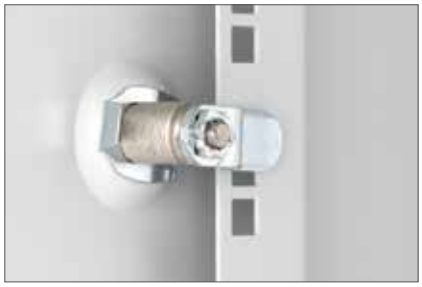
Bonding

All detachable parts are bonded in compliance with the relevant standards.

RZA 600 x 600 mm

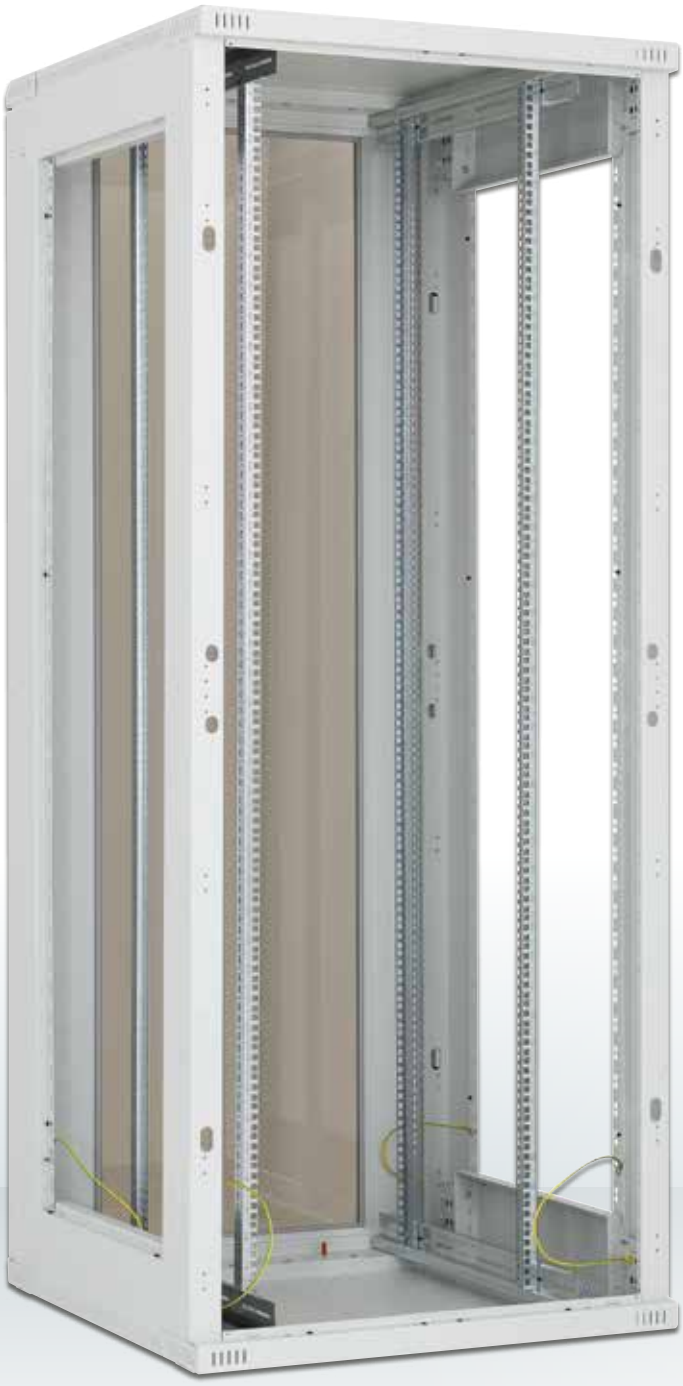
The RZA consists of a front and rear welded frame, assembled with screws along with the top and bottom parts of the skeleton. The removable panels are attached to the skeleton with locks which typically use a common key.

Detail of the cabinet removable rear cover locking latch



Detail of the removable side panel lock

Break-out blanking panels
Cable entry openings in the rear part of the cabinet are covered with breakout-type blanking panels. To prevent dust penetration, cables can be sealed in the opening with a brush. The fringe edge protects the cables from damage. (both are included as part of the cabinet's supply).



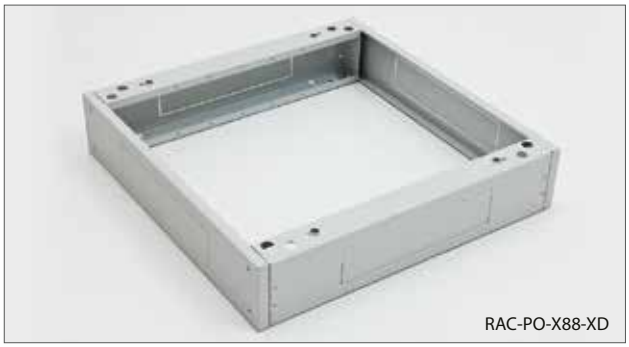
RZA 800 x 800 mm

The 800 mm wide RZA cabinet uses non-integrated sliding rails.

Opening for a fan unit
The fan unit opening is covered by a breakout cover. This allows for the installation of a ventilation system.

Skeleton perforation
The RZA cabinet has a perforated skeleton to ensure access of cooling air to the equipment inside. The installation of fan units can further generate cool air.

Castors, levelling feet
Left picture shows preparation for mounting castors or levelling feet. On the right installed levelling feet. The levelling feet are included in the RZA cabinet package.


RAC-PO-X88-XD

Type	Dimensions (mm)	Maximum recommended load (kg)
RAx-PO-X66-XD	600 x 600	1900
RAx-PO-X68-XD	600 x 800	1900
RAx-PO-X69-XD	600 x 900	1900
RAx-PO-X61-XD	600 x 1000	1900
RAx-PO-X60-XD	600 x 1100	1900
RAx-PO-X62-XD	600 x 1200	1900
RAx-PO-X86-XD	800 x 600	1900
RAx-PO-X88-XD	800 x 800	1900
RAx-PO-X89-XD	800 x 900	1900
RAx-PO-X81-XD	800 x 1000	1900
RAx-PO-X80-XD	800 x 1100	1900
RAx-PO-X82-XD	800 x 1200	1900

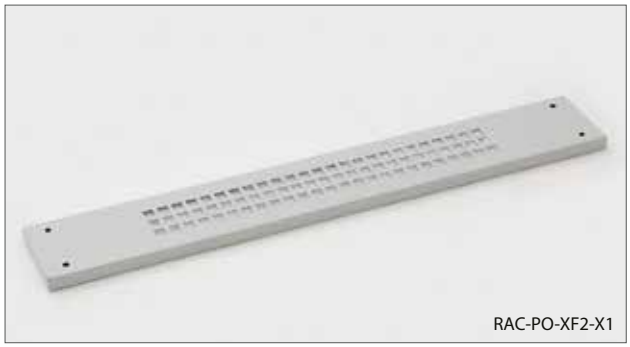
RAB-PO-Xxx-XD, RAC-PO-Xxx-XD

The base is fully universal, which means that it is usable for all types of free-standing cabinets except RSX.
The construction of the base is formed of two side profiles which correspond to the depth of the cabinet, and two cover panels (front and back) with a corresponding width.
Bases XD series have a load capacity 1900 kg.

Supply includes

- 2x side base profile with a cable entry (with breakout-type blanking panels)
- 2x cover with cable openings (with breakout-type blanking panels)
- 1x cover with a filter
- 1x anti-dust brush
- 4x Screw M10 x 30
- 4x Washer 10,5
- 8x Screw M5 x 30

The bases are delivered dismantled. The second dust filter for the second cover replacing can be easily ordered later. The base always exactly copies the ground plan of the cabinet regardless of installation of filter. The bases are standardly supplied in widths of 600 and 800 mm and depths from 600 to 1200 mm. All the bases are 120 mm high.


RAC-PO-XF2-X1

Type	Dimensions – w * h (mm)
RAx-PO-XF1-X1	600 x 120
RAx-PO-XF2-X1	800 x 120

RAB-PO-XFx-X1, RAC-PO-XFx-X1

Filter for bases.

Supply

Screw M5 x 30 ..... 4x


RAC-SS-X01-X1

RAB-SS-X01-X1, RAC-SS-X01-X1

Stabilizers for free-standing cabinets. Mounted on the base.

Supply

Screw M5 x 12 ..... 4x

Cabinet depth (mm)	Cabinet width (mm)	
	600	800
600	RAX-VP-X77-X1	RAX-VP-X83-X1
800	RAX-VP-X78-X1	RAX-VP-X84-X1
900	RAX-VP-X79-X1	RAX-VP-X85-X1
1000	RAX-VP-X80-X1	RAX-VP-X86-X1
1100	RAX-VP-X81-X1	RAX-VP-X87-X1
1200	RAX-VP-X82-X1	RAX-VP-X88-X1

RAX-VP-Xxx-X1

Set of cable management/reinforcing bars for RTA, RYA, RMA, **RZA** free-standing data cabinets (pair).

For the correct use of the optional Accessories the following instructions are important:

- install the cabinet on a level and sufficiently firm floor,
- place at least 65% of the load in the the lower half of the height of the cabinet,
- ensure that the load is evenly distributed between the front and rear vertical rail,s
- when taxiing with a loaded cabinet, comply with the relevant standards.

Calculation of the load capacity of one wheel:

**Total weight of the cabinet (i.e. own weight + installed accessories) / 3 = load capacity of one castor.*

The load capacities of the castors are applicable for travel speed up to 4 km/h on level ground and smooth surface at ambient temperature in the range of 10-30 °C.

All dimensions, load capacities and tolerances correspond to following standards: EN 12527-12533, DIN 7845.

RAX-MS-X81-X1

RAX-MS-X81-X1

Direct mounting castors set.

Max. recommended load capacity*:
- 200 kg for type RMA, **RZA**, RIE, RPA, RPE, RCA, RSX (XS) 600 mm wide,
- 400 kg for type RMA, **RZA**, RIE, 800 mm wide,
- 450 kg for type RSX (XD), RSX-F.

The height of the cabinet is increased by 111 mm.

Set

Castors with a brake 2x
Castors without a brake 2x
Screw M5 x 20 Thorx 16x
Flat washer 5,3 ..... 16x

RAX-RK-X66-X1

Cabinet depth (mm)	Cabinet width (mm)	
	600	800
600	RAX-RK-X66-X1	RAX-RK-X86-X1
800	RAX-RK-X68-X1	RAX-RK-X88-X1
900	RAX-RK-X69-X1	RAX-RK-X89-X1
1000	RAX-RK-X61-X1	RAX-RK-X81-X1
1100	RAX-RK-X60-X1	RAX-RK-X80-X1
1200	RAX-RK-X62-X1	RAX-RK-X82-X1

RAX-RK-Xxx-X1

Castors with reinforcing frame.

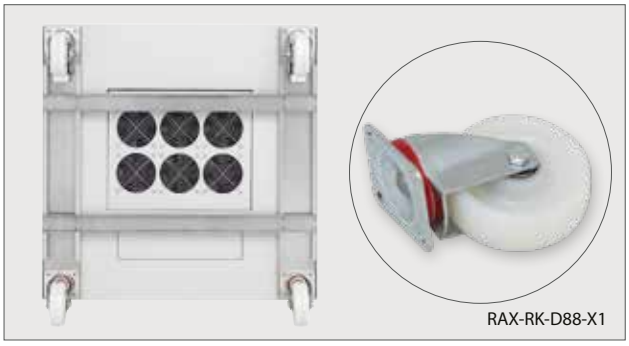
Castors with reinforcing frame for RMA, **RZA**, RIE, RPA, RPE type enclosures. Must be ordered according to the floor plan of the cabinet.

Max. recommended load capacity*:
- 450 kg for type RMA, **RZA**, RIE, RPA, RPE.

The height of the cabinet is increased by 111 mm.

Set

Castors with a brake 2x
Castors without a brake 2x
Screw M5 x 12 Thorx 16x
Screw M5 x 20 Thorx 16x
Flat washer 5,3 ..... 16x
U-profile 4x



RAX-RK-D88-X1

Cabinet depth (mm)	Cabinet width (mm)	
	600	800
600	RAX-RK-D66-X1	RAX-RK-D86-X1
800	RAX-RK-D68-X1	RAX-RK-D88-X1
900	RAX-RK-D69-X1	RAX-RK-D89-X1
1000	RAX-RK-D61-X1	RAX-RK-D81-X1
1100	RAX-RK-D60-X1	RAX-RK-D80-X1
1200	RAX-RK-D62-X1	RAX-RK-D82-X1

RAX-RK-Dxx-X1

Castors with reinforcing frame.

Castors with reinforcing frame for RMA, **RZA**, RTA, RYA, RDA, RDE, RIE, RPA, RPE type enclosures. Must be ordered according to the floor plan of the cabinet.

Max. recommended load capacity*:
- 500 kg for type RPA, RPE,
- 900 kg for type RMA, **RZA**, RIE,
- 1050 kg for type RTA, RYA, RDA, RDE.

The height of the cabinet is increased by 158 mm.

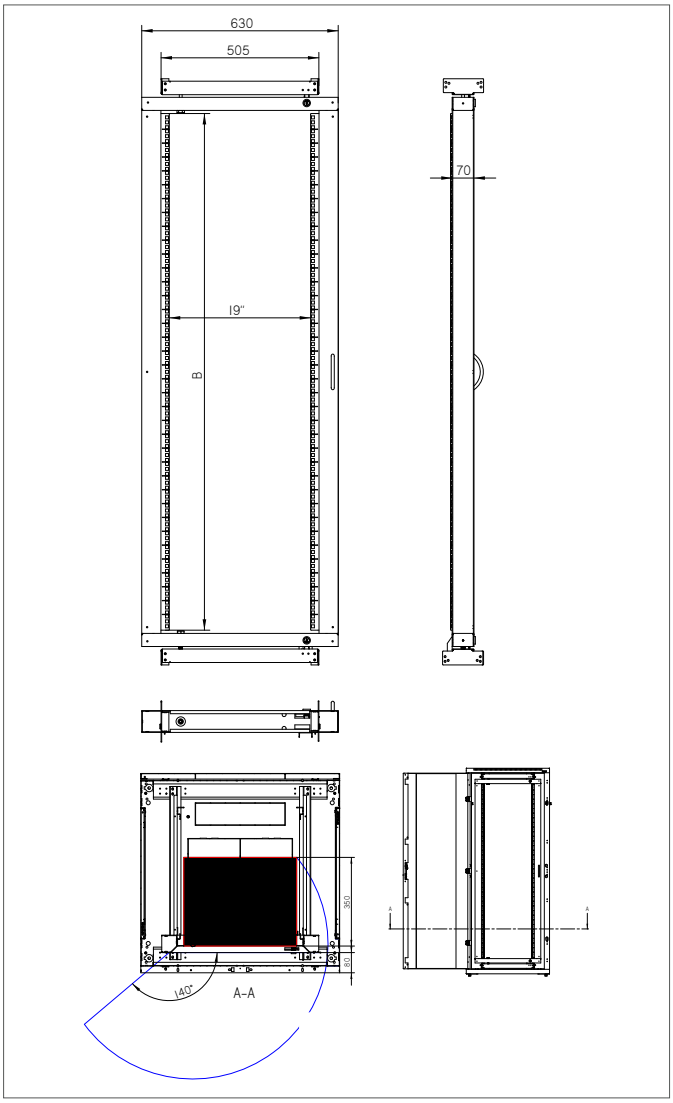
Set

Castors with a brake 2x
Castors without a brake 2x
Screw M5 x 12 Thorx 16x
Screw M5 x 20 Thorx 16x
Flat washer 5,3 ..... 16x
U-profile 4x

Swing frame

All 800 mm wide Tritón cabinets can be equipped with a swing frame for mounting devices that require rear access. The swing frame reduces the usable height of the cabinet by 5U and can support up to 150 kg. The frame has two locks for securing it when closed. The distance of the swing frame from the cabinet doors can be smoothly adjusted. The position of the frame affects the maximum usable depth of the mounted devices. When mounted in the optimal position, it can accommodate a 19“ device with a depth of up to 300 mm. The swing frame can be mounted simultaneously with 19” verticals.

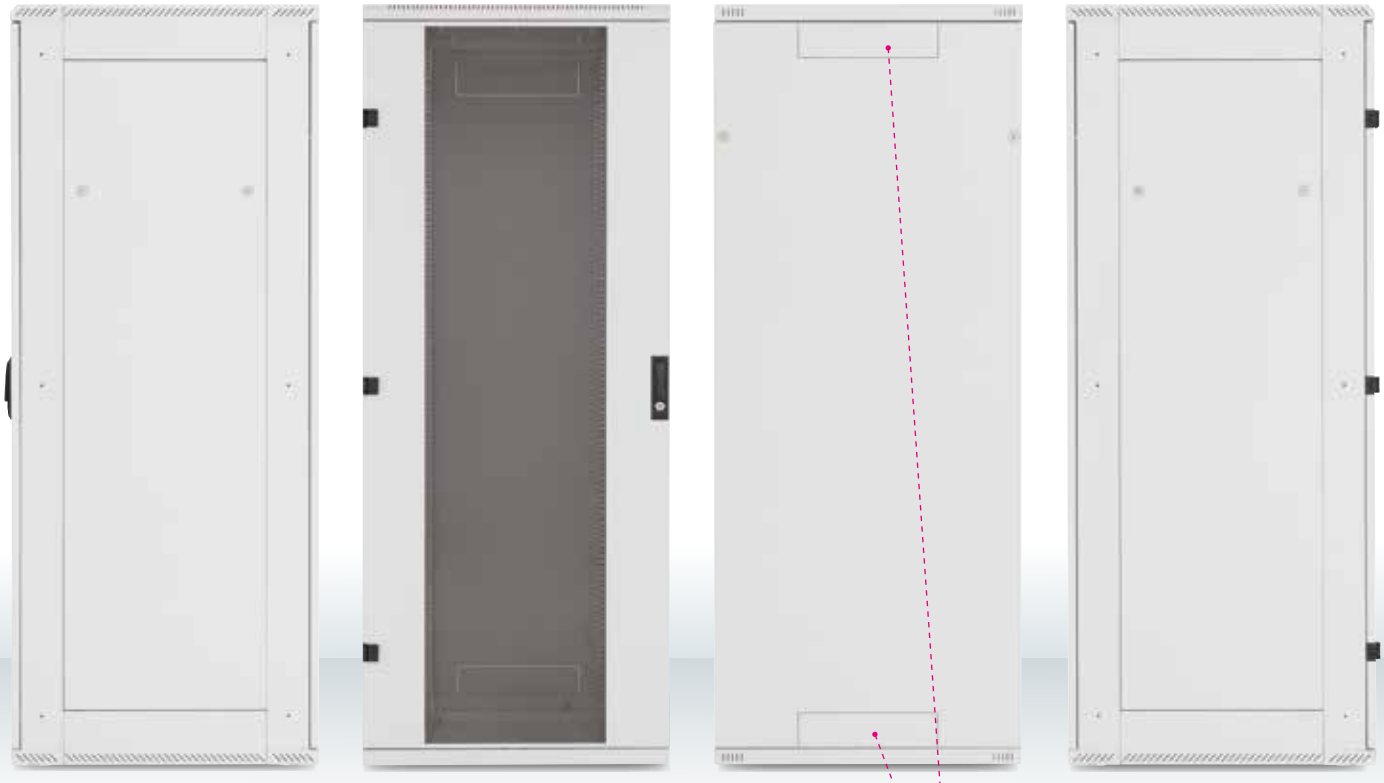
Swing frame	Cabinet height (U)	B (U) Usable frame height
RAC-VM-A17-A1	22	17
RAC-VM-A22-A1	27	22
RAC-VM-A27-A1	32	27
RAC-VM-A32-A1	37	32
RAC-VM-A37-A1	42	37
RAC-VM-A40-A1	45	40
RAC-VM-A42-A1	47	42

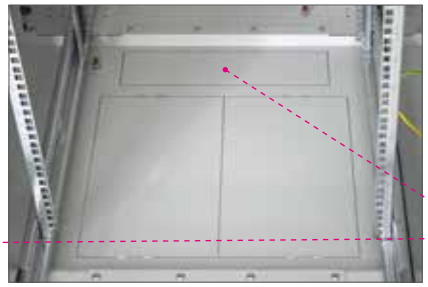


Door for fan units

With this cabinet type, it is possible to order a special metal door ready for mounting RAC-CH-X0x-X3 fan units.
More information can be found at www.triton-racks.com in the Active Cooling section.

Removable parts
Individual RZA parts are bolted together to form a compact unit with the same maximum loading capacity as a welded cabinet. The majority of these parts are assembled using TAPTITE thread-forming screws, ensuring high rigidity of the bolted connections even after multiple disassemblies.
The product is delivered assembled and can be moved to hard-to-reach places after partial or complete disassembly.





The rear wall of the cabinet features two cable entries covered with break-out panels. One is at the top, and the other is at the bottom edge of the cover.

Additional cable entries are on the roof and in the base of the cabinet.

RZA 600 x 600

Type	A	B	C	D	E	Weight gross (kg)	Weight net (kg)	Maximum recommended load (with legs or base)
	(mm)							
RZA-15-A66-CAX-N1	770	668	497	600	600	50,4	41,9	800 kg
RZA-18-A66-CAX-N1	900	798	497	600	600	54,6	46,0	
RZA-22-A66-CAX-N1	1080	978	497	600	600	60,1	51,5	
RZA-27-A66-CAX-N1	1300	1198	497	600	600	67,2	58,5	
RZA-32-A66-CAX-N1	1525	1423	497	600	600	74,4	65,6	
RZA-37-A66-CAX-N1	1750	1648	497	600	600	81,8	72,9	
RZA-42-A66-CAX-N1	1970	1868	497	600	600	88,8	79,8	
RZA-45-A66-CAX-N1	2105	2003	497	600	600	93,1	84,1	
RZA-47-A66-CAX-N1	2194	2092	497	600	600	95,8	86,8	

RZA 600 x 800

Type	A	B	C	D	E	Weight gross (kg)	Weight net (kg)	Maximum recommended load (with legs or base)
	(mm)							
RZA-15-A68-CAX-N1	770	668	497	600	800	56,7	46,9	800 kg
RZA-18-A68-CAX-N1	900	798	497	600	800	61,3	51,5	
RZA-22-A68-CAX-N1	1080	978	497	600	800	67,5	57,6	
RZA-27-A68-CAX-N1	1300	1198	497	600	800	75,2	65,3	
RZA-32-A68-CAX-N1	1525	1423	497	600	800	83,2	73,2	
RZA-37-A68-CAX-N1	1750	1648	497	600	800	91,3	81,1	
RZA-42-A68-CAX-N1	1970	1868	497	600	800	99,1	88,9	
RZA-45-A68-CAX-N1	2105	2003	497	600	800	103,7	93,5	
RZA-47-A68-CAX-N1	2194	2092	497	600	800	106,8	96,5	

RZA 600 x 900

Type	A	B	C	D	E	Weight gross (kg)	Weight net (kg)	Maximum recommended load (with legs or base)
	(mm)							
RZA-15-A69-CAX-N1	770	668	497	600	900	61,5	51,1	800 kg
RZA-18-A69-CAX-N1	900	798	497	600	900	66,5	56,2	
RZA-22-A69-CAX-N1	1080	978	497	600	900	73,3	62,9	
RZA-27-A69-CAX-N1	1300	1198	497	600	900	82,0	71,4	
RZA-32-A69-CAX-N1	1525	1423	497	600	900	90,7	80,1	
RZA-37-A69-CAX-N1	1750	1648	497	600	900	99,7	88,9	
RZA-42-A69-CAX-N1	1970	1868	497	600	900	108,1	97,3	
RZA-45-A69-CAX-N1	2105	2003	497	600	900	113,4	102,6	
RZA-47-A69-CAX-N1	2194	2092	497	600	900	116,8	105,9	

RZA 600 x 1000

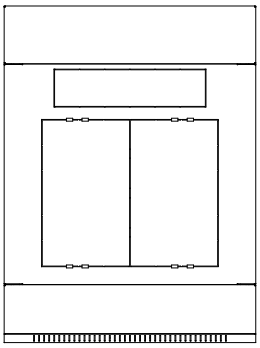
Type	A	B	C	D	E	Weight gross (kg)	Weight net (kg)	Maximum recommended load (with legs or base)
	(mm)							
RZA-15-A61-CAX-N1	770	668	497	600	1000	64,6	53,7	800 kg
RZA-18-A61-CAX-N1	900	798	497	600	1000	69,9	59,0	
RZA-22-A61-CAX-N1	1080	978	497	600	1000	77,0	66,0	
RZA-27-A61-CAX-N1	1300	1198	497	600	1000	86,0	74,9	
RZA-32-A61-CAX-N1	1525	1423	497	600	1000	95,1	84,0	
RZA-37-A61-CAX-N1	1750	1648	497	600	1000	104,4	93,1	
RZA-42-A61-CAX-N1	1970	1868	497	600	1000	113,4	102,0	
RZA-45-A61-CAX-N1	2105	2003	497	600	1000	118,8	107,3	
RZA-47-A61-CAX-N1	2194	2092	497	600	1000	122,3	110,9	

RZA 600 x 1100

Type	A	B	C	D	E	Weight gross (kg)	Weight net (kg)	Maximum recommended load (with legs or base)
	(mm)							
RZA-15-A60-CAX-N1	770	668	497	600	1100	68,3	56,6	800 kg
RZA-18-A60-CAX-N1	900	798	497	600	1100	73,5	61,7	
RZA-22-A60-CAX-N1	1080	978	497	600	1100	80,8	69,1	
RZA-27-A60-CAX-N1	1300	1198	497	600	1100	90,2	78,3	
RZA-32-A60-CAX-N1	1525	1423	497	600	1100	99,7	87,8	
RZA-37-A60-CAX-N1	1750	1648	497	600	1100	109,4	97,3	
RZA-42-A60-CAX-N1	1970	1868	497	600	1100	118,7	106,5	
RZA-45-A60-CAX-N1	2105	2003	497	600	1100	124,3	112,1	
RZA-47-A60-CAX-N1	2194	2092	497	600	1100	127,9	115,7	

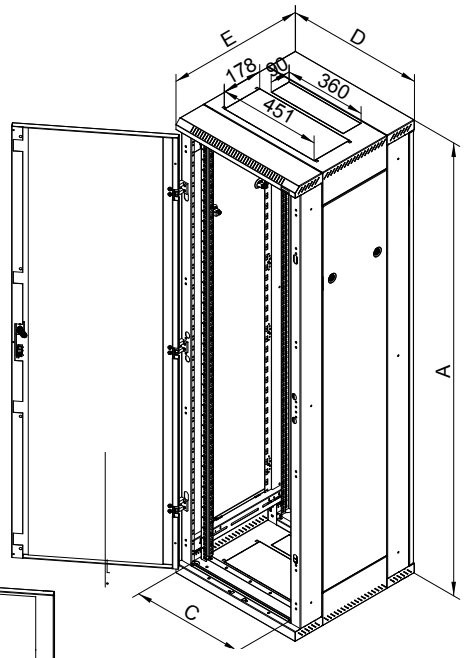
RZA 600 x 1200

Type	A	B	C	D	E	Weight gross (kg)	Weight net (kg)	Maximum recommended load (with legs or base)
	(mm)							
RZA-15-A62-CAX-N1	770	668	497	600	1200	71,1	58,8	800 kg
RZA-18-A62-CAX-N1	900	798	497	600	1200	76,8	64,5	
RZA-22-A62-CAX-N1	1080	978	497	600	1200	84,5	72,1	
RZA-27-A62-CAX-N1	1300	1198	497	600	1200	94,2	81,7	
RZA-32-A62-CAX-N1	1525	1423	497	600	1200	104,1	91,6	
RZA-37-A62-CAX-N1	1750	1648	497	600	1200	114,2	101,5	
RZA-42-A62-CAX-N1	1970	1868	497	600	1200	123,8	111,1	
RZA-45-A62-CAX-N1	2105	2003	497	600	1200	129,6	116,9	
RZA-47-A62-CAX-N1	2194	2092	497	600	1200	133,5	120,7	



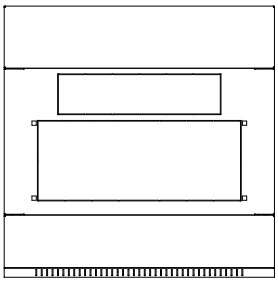
Drawing of the roof of a 600 mm wide RZA cabinet, min. 800 mm deep.

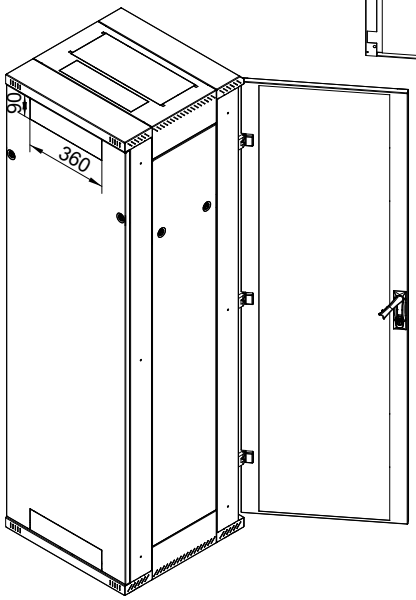
Suitable fan units RAx-CH-X03/04/05-X3.

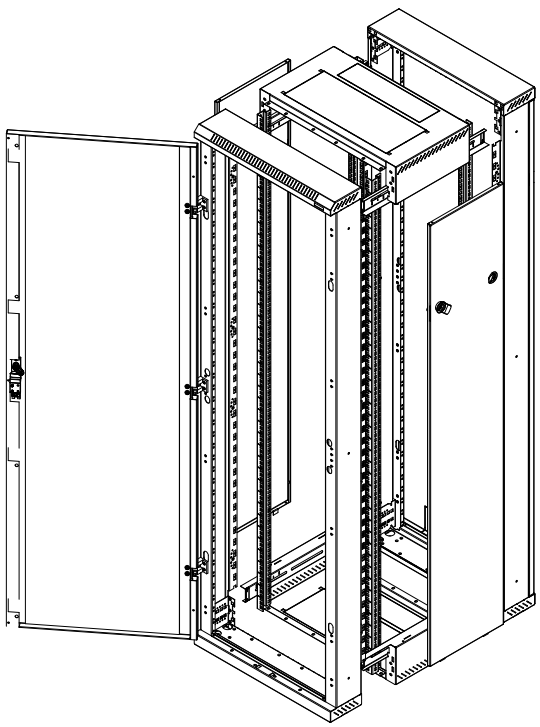


Drawing of the roof of a 600 mm wide RZA cabinet, 600 mm deep only.

Suitable fan units RAx-CH-X24/25/26-X1.







RZA 800 x 600

Type	A	B	C	D	E	Weight gross (kg)	Weight net (kg)	Maximum recommended load (with legs or base)
	(mm)							
RZA-15-A86-CAX-N1	770	684	697	800	600	63,4	53,5	800 kg
RZA-18-A86-CAX-N1	900	814	697	800	600	68,1	58,1	
RZA-22-A86-CAX-N1	1080	994	697	800	600	74,2	64,1	
RZA-27-A86-CAX-N1	1300	1214	697	800	600	82,0	71,8	
RZA-32-A86-CAX-N1	1525	1438	697	800	600	90,0	79,7	
RZA-37-A86-CAX-N1	1750	1664	697	800	600	98,1	87,7	
RZA-42-A86-CAX-N1	1970	1884	697	800	600	105,9	95,4	
RZA-45-A86-CAX-N1	2105	2019	697	800	600	110,6	100,0	
RZA-47-A86-CAX-N1	2194	2108	697	800	600	113,7	103,1	

RZA 800 x 800

Type	A	B	C	D	E	Weight gross (kg)	Weight net (kg)	Maximum recommended load (with legs or base)
	(mm)							
RZA-15-A88-CAX-N1	770	684	697	800	800	73,0	61,5	800 kg
RZA-18-A88-CAX-N1	900	814	697	800	800	78,0	66,6	
RZA-22-A88-CAX-N1	1080	994	697	800	800	84,8	73,3	
RZA-27-A88-CAX-N1	1300	1214	697	800	800	93,3	81,6	
RZA-32-A88-CAX-N1	1525	1438	697	800	800	102,0	90,3	
RZA-37-A88-CAX-N1	1750	1664	697	800	800	110,8	99,0	
RZA-42-A88-CAX-N1	1970	1884	697	800	800	119,4	107,4	
RZA-45-A88-CAX-N1	2105	2019	697	800	800	124,6	112,5	
RZA-47-A88-CAX-N1	2194	2108	697	800	800	127,3	115,3	

RZA 800 x 900

Type	A	B	C	D	E	Weight gross (kg)	Weight net (kg)	Maximum recommended load (with legs or base)
	(mm)							
RZA-15-A89-CAX-N1	770	684	697	800	900	79,0	67,0	800 kg
RZA-18-A89-CAX-N1	900	814	697	800	900	84,5	72,5	
RZA-22-A89-CAX-N1	1080	994	697	800	900	91,9	79,8	
RZA-27-A89-CAX-N1	1300	1214	697	800	900	101,3	89,0	
RZA-32-A89-CAX-N1	1525	1438	697	800	900	110,8	98,5	
RZA-37-A89-CAX-N1	1750	1664	697	800	900	120,5	108,0	
RZA-42-A89-CAX-N1	1970	1884	697	800	900	129,8	117,1	
RZA-45-A89-CAX-N1	2105	2019	697	800	900	135,5	122,8	
RZA-47-A89-CAX-N1	2194	2108	697	800	900	139,2	126,5	

RZA 800 x 1000

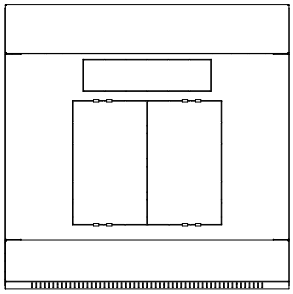
Type	A	B	C	D	E	Weight gross (kg)	Weight net (kg)	Maximum recommended load (with legs or base)
	(mm)							
RZA-15-A81-CAX-N1	770	684	697	800	1000	84,1	71,0	800 kg
RZA-18-A81-CAX-N1	900	814	697	800	1000	89,8	76,7	
RZA-22-A81-CAX-N1	1080	994	697	800	1000	97,5	84,3	
RZA-27-A81-CAX-N1	1300	1214	697	800	1000	107,2	93,9	
RZA-32-A81-CAX-N1	1525	1438	697	800	1000	117,1	103,7	
RZA-37-A81-CAX-N1	1750	1664	697	800	1000	127,2	113,6	
RZA-42-A81-CAX-N1	1970	1884	697	800	1000	137,0	123,2	
RZA-45-A81-CAX-N1	2105	2019	697	800	1000	142,8	129,0	
RZA-47-A81-CAX-N1	2194	2108	697	800	1000	146,6	132,8	

RZA 800 x 1100

Type	A	B	C	D	E	Weight gross (kg)	Weight net (kg)	Maximum recommended load (with legs or base)
	(mm)							
RZA-15-A80-CAX-N1	770	684	697	800	1100	88,4	75,3	800 kg
RZA-18-A80-CAX-N1	900	814	697	800	1100	94,0	80,9	
RZA-22-A80-CAX-N1	1080	994	697	800	1100	102,0	88,8	
RZA-27-A80-CAX-N1	1300	1214	697	800	1100	112,1	98,7	
RZA-32-A80-CAX-N1	1525	1438	697	800	1100	122,4	108,9	
RZA-37-A80-CAX-N1	1750	1664	697	800	1100	132,8	119,2	
RZA-42-A80-CAX-N1	1970	1884	697	800	1100	142,9	129,2	
RZA-45-A80-CAX-N1	2105	2019	697	800	1100	149,0	135,2	
RZA-47-A80-CAX-N1	2194	2108	697	800	1100	152,9	139,1	

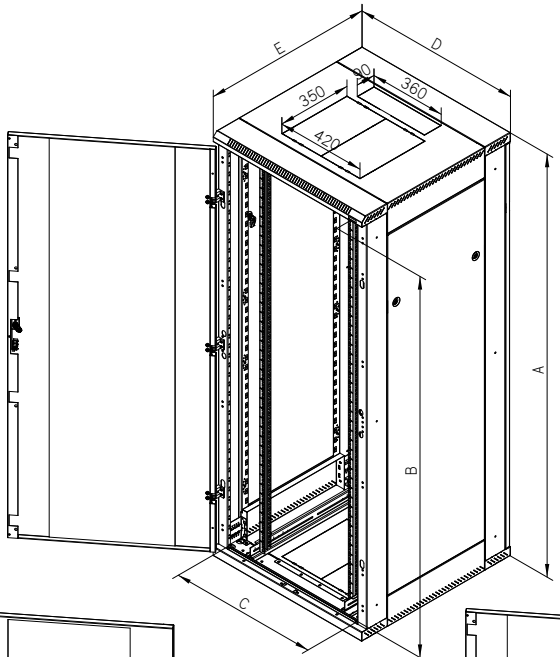
RZA 800 x 1200

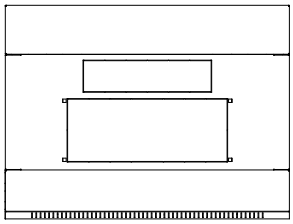
Type	A	B	C	D	E	Weight gross (kg)	Weight net (kg)	Maximum recommended load (with legs or base)
	(mm)							
RZA-15-A82-CAX-N1	770	684	697	800	1200	92,7	78,9	800 kg
RZA-18-A82-CAX-N1	900	814	697	800	1200	98,8	85,1	
RZA-22-A82-CAX-N1	1080	994	697	800	1200	107,1	93,3	
RZA-27-A82-CAX-N1	1300	1214	697	800	1200	117,6	103,6	
RZA-32-A82-CAX-N1	1525	1438	697	800	1200	128,2	114,2	
RZA-37-A82-CAX-N1	1750	1664	697	800	1200	139,0	124,8	
RZA-42-A82-CAX-N1	1970	1884	697	800	1200	149,5	135,2	
RZA-45-A82-CAX-N1	2105	2019	697	800	1200	155,7	141,4	
RZA-47-A82-CAX-N1	2194	2108	697	800	1200	159,9	145,5	



Drawing of the roof of a 800 mm wide RZA cabinet, min. 800 mm deep.

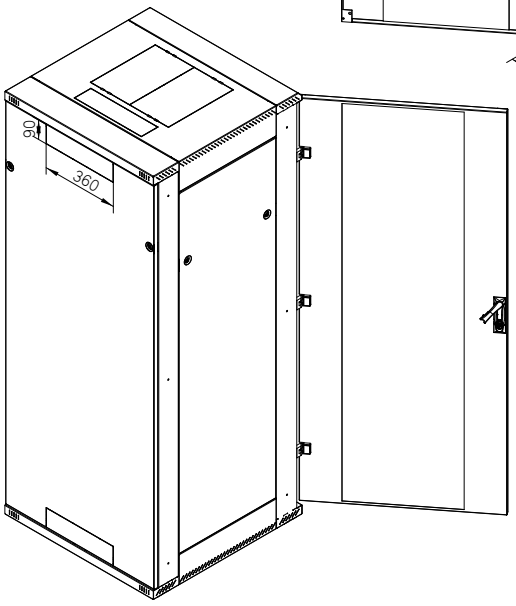
Suitable fan units RAx-CH-X03/04/05-X3.

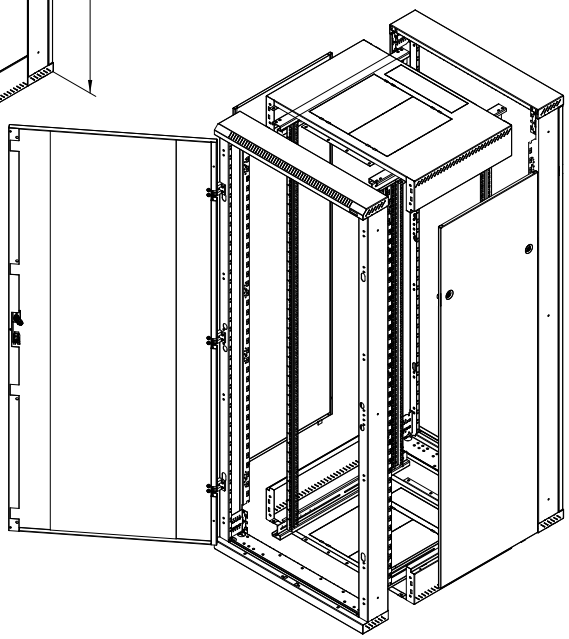




Drawing of the roof of a 800 mm wide RZA cabinet, 600 mm deep only.

Suitable fan units RAx-CH-X24/25/26-X1.





RZA free-standing cabinet

Universal demountable cabinet for data and telecommunication purposes. High load capacity for demanding applications, large choice of dimensions and variants together with a wide range of accessories and perfect workmanship of all details make it the top cabinet in our range.

PRODUCT DETAILS

Rigid construction
RZA has a robust bolted construction. High quality workmanship and the newest technologies ensure a perfect look of the cabinet. The skeleton rails have a new shape, are wider and made of 1.3 mm thick material.

Disassemblability
The individual parts of the RZA are bolted together to form a compact unit with the same load capacity as a welded cabinet. Most of the parts are connected by TAPTITE thread-forming bolts. This ensures high strength of the bolted connection even after several disassemblies. The product is delivered assembled and can be moved to difficult-to-reach places after partial or complete disassembly.

Flexible door opening
The hinge system allows the door to open 165°. The door can be easily removed and re-mounted to change the direction of opening. The double wing doors are equipped with hook-on hinges.

Glass
The metal doors with glued glass are made of 4 mm thick tempered safety glass, which is resistant to common impacts. When broken, it forms a number of small fragments like automotive glass. For safety reasons, we recommend closing the door after installing the equipment in the cabinet to prevent collision with other objects. Used glass is tested in a certified testing laboratory and meet the requirements of ČSN EN 12150-1+A: Glass in construction – Thermally tempered soda-lime-silicate safety glass. The tested glass meets the standard for the disintegration of glass after breakage, Certificate of Conformity CQ-24-2023, Test Protocol IKATES 58A-2024.

Tritón handles
We manufacture our own handles for the free-standing cabinets. By replacing the plastic module (not included), a half-cylindrical lock insert can be fitted. Patent: PUV 2013-27443

Adjustable vertical rails
Vertical 19″ rails can be adjusted freely in any depth of the cabinet. This simplifies mounting of the device and configuration of cables.

Removable side panels and rear cover
The RZA is a cabinet with a bolted skeleton and removable side panels. These are fixed as standard to the frame using a lock with the same key as the door and rear cover.

Door for fan units
With this cabinet type, it is possible to order a special metal door ready for mounting RAx-CH-X0x-X3 fan units. Further information is available in the section Active cooling.

Break-out blanking panels
Entry openings for cables are covered with breakout-type blanking panels. To prevent dust penetration, cables can be sealed in the opening with a brush strip, or simply secure by a protective fringe edge (both supplied with the cabinet).

Opening for a fan unit
A large opening covered with a breakout-type blanking panel enables mounting and removal of the Tritón fan unit from the outside of the cabinet without the need of using screws.

Castors, levelling feet, base
The cabinet can be placed on levelling feet (included) or, with optional equipment, on a base, castors or heavy-duty castors with reinforcing frame.

Rear side of the cabinet
There are two cable entries on the rear wall of the cabinet covered with breakout panels. One is at the top and the other at the bottom edge of the cover. The other cable entries are on the ceiling and in the base of the cabinet.

Perforation of the skeleton
The RZA cabinets have a perforated skeleton to provide cooling air access to the installed technology. Cooling can be supported by the installation of fan units.

Bonding
All detachable parts are bonded together according to the requirements of the relevant standard.

Flex frame
(valid for 800 mm wide cabinets) The system allows the installation of sliding rails in 19″, 21″ and 23″ spans. Another option is to shift the 19″ vertical rail spacing to one side to provide more space on the other side.

Middle pair of vertical rails
For enclosures deeper than 800 mm, a third pair of vertical rails for mounting the technology is supplied as standard. Thanks to their open profile, they do not restrict the installation of deeper equipment. Shorter devices can be mounted on the central vertical rail using different types of brackets (optional accessories).

Wide skeleton rails
The wide skeleton rails are designed for the additional installation of accessories, such as power distribution units or vertical cable management panels that do not occupy the 19" units inside cabinet. Thanks to the design, the power distribution panels do not limit the use of slide-out servers even in 600 mm wide cabinets.

Accessories in skeleton rails
The skeleton rails have mounting holes on the inner edges throughout their entire height. The holes are at the unit spacing of the vertical rails and can be can be used for mounting certain types of accessories.

OPTIONAL ACCESSORIES

RAC-VP-D5x-X1
Horizontal cable management panel. Installation in the skeleton (rail) of the cabinet.

RAX-VP-Vxx-X2
Vertical cable management panel. Installation in the cabinet skeleton rail.

Power distribution units
Possibility of installing the PDU in the skeleton rails of the cabinet using a bracket (optional accessory).

RAX-VP-Xxx-X1 Horizontal cable management
For cabinets with loads of higher than 500 kg, we recommend installing the horizontal cable management system in skeleton, which also acts as a reinforcement.

Swing frame
All 800 mm wide RZA cabinets can be equipped with a swing frame with a load capacity of 150 kg. Maximum available depth of the 19" equipment is 330 mm.

DESCRIPTION, USAGE

- 19" free-standing cabinet with IP20 protection.
- Cabinet includes 4 adjustable vertical rails for device mounting (6 rails for cabinets deeper than 800 mm).
- Cabinet construction:
  – welded steel frame with removable side panels,
  – single or double doors in versions of solid metal, perforated (80 % and 86 % air permeability), or glazed with safety tempered glass 4 mm, (they can be on the front or back of the cabinet),
  – ready for installation of vertical cable management panels and power distribution units including mounting brackets into the skeleton of the cabinet,
  – preparation for easy joining of cabinets into larger assemblies.
- Max. permissible load of the door is 20 kg.
- Min. thickness of the surface finish is 65 µm.
- These cabinets are intended for installation data and telecommunication devices and their distribution systems.
- The frame of the cabinet and all the removable parts (side and rear covers, doors…) are bonded with flexible cables that have to be properly fixed and inserted into connectors throughout the period of use of the cabinet.
- There is one M8 screw placed on the bottom part of the cabinet as a central earthing point.
- Cable openings covered with breakout-type blanking panels are placed in the top and the bottom part of the cabinet.
- The maximum recommended static load of the cabinet is 800 kg using levelling feet or a base.

ADDITIONAL INFORMATION

Operating conditions
- **Operating environment:**
  – the indoor environment,
  – the cabinet is not intended for outdoor installations and for installations in environment that can negatively influence the functionality of the cabinet and the mounted devices (e.g. environment with danger of explosion or humid and wet surroundings).
- **Must be protected against:**
  – mechanical damage,
  – improper handling,
  – a different usage than the cabinet is intended for.

- **Improper handling is especially:**
  – overloading (exceeding the maximum recommended load capacity),
  – installation of equipment that adversely affects the operation and function of the cabinet or installed equipment,
  – change of the construction or design of the cabinet.
- When using the RAX-MS-X81-X1 castor set for direct mounting on the cabinet (the height of the cabinet is increased by 108 mm), the maximum total load capacity must be observed including the weight of the cabinet:
  – 200 kg for type RMA, RZA 600 mm wide,
  – 400 kg for type RMA, RZA 800 mm wide.
- When using the RAX-RK-Xxx-X1 castor set with reinforcing frame (RAX-MS-X81-X1 castors included), the maximum total load capacity is 450 kg including the weight of the cabinet**. The height of the cabinet is increased by 111 mm. The specified load capacity is valid for both 600 and 800 mm cabinet widths.
- When using the RAX-RK-Dxx-X1 castor set with reinforcing frame (RAX-MS-X47-X1 castors included), the maximum total load capacity is 900 kg including the weight of the cabinet**. The height of the cabinet is increased by 158 mm. The specified load capacity is valid for both 600 and 800 mm cabinet widths.
- To guarantee stability, at least 65 % of the load must be installed in the lower half of the cabinet height.
- The relevant standards* must be observed when taxiing with a loaded cabinet.

Installation of the cabinet

- To ensure the maximum recommended load capacity and stability, it is essential that the load is evenly distributed between the front and rear vertical rails.
- The cabinet must be placed on a level floor and and adjust any differences using the levelling feet.
- To avoid dust penetration in the case where cables lead through some of the cable openings, it may be sealed with a brush and secured by the fringe edge (both are included in the delivery).

Environmental protection

- All parts are made of recyclable materials and after decommissioning the cabinet, it must be disposed of according to relevant regulations.

Certificate and conformity

- This product is certified with TÜV SÜD Czech and fully in accordance with ČSN EN 62208 ed.2:2012 (EN 62208:2011). Latest certificate is available at www.triton-racks.com/certificates.

** The load capacities of the castors are applicable for travel speed up to 4 km/h on level ground and smooth surface at ambient temperature in the range of 10-30 °C. All dimensions, load capacities and tolerances correspond to following standards: EN 12527-12533, DIN 7845.*

*** Total weight of the cabinet = weight of the cabinet itself + installed accessories + installed equipment.*
Load capacity per wheel = Total weight of the enclosure / 3.