

**TRITON®**



**WWW.TRITON-RACKS.COM**

**「 HIGH-TECH 」**  
**FREE-STANDING CABINETS**  
**WALL-MOUNTED CABINETS**  
**SPECIAL CABINTES**  
**DATA CENTERS**  
**ACCESSORIES**  
**└ ┘**



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## ABOUT US

Tritón Pardubice, spol. s r. o. with almost 30 years of tradition is one of the world's leading manufacturers of 19" data, telecommunication cabinets including accessories.

The production and development centre is located in Starý Mateřov, 5 km from city Pardubice. Here is step by step built a modern production plant with a total production area of 17,000 m<sup>2</sup> and more than 190 employees and specialists. In January 2022, a 5th production hall including a new logistics facility was finished.

Tritón company also develops and manufactures products used to equip dressing rooms, workshops and offices. For example, lockers, boxes, hanging walls, hockey boxes, workshop furniture, or special cabinets for firefighters or sports equipment (balls, skis, snowboards, bridles, golf). Interior whole laminated benches is a recently added product. All products are available in new decor lines, in line with the latest design trends.



2000 - view of the company's future premises in Starý Mateřov, view from Pardubice Airport





2001 - new headquarters of the company in Starý Mateřov and production hall no.1



2009 - photo from Starý Mateřov for the completed hall no. 2





Year 2011 - extension of the third hall - new warehouse and logistics



Year 2018 - a view from Dubany village to the new, already the fourth production hall for the ever-expanding production of wardrobes and special boxes



January 2022 - the fifth hall, including a new expedition building with a total area of 3,000 m<sup>2</sup>, is already in full operation



Year 2024 - Installation of a 179 kWp PV plant





Welding robot



Automated system - research and development hall



Combined machine - laser and punching



Deburring machine for cutout sections



Cabinet door production



Cabinet door production





Automated bending center



Automated punch machine



Automated punch machine



Paintshop - automated powdering box



Paintshop - powder coating line





Automated warehouse for sheet steel and parts



Metal forming line



Robotic workstation for spot welding of wall-mounted cabinets



Robotic workstation for spot welding of wall-mounted cabinets



Center for glass gluing and cabinet door seal applications



Free-standing cabinets packaging center





Free-standing cabinets robotic welding



Free-standing cabinets robotic welding



Automated bending center



Automated bending center



Press brakes



Automated press brake





Free-standing cabinet assembly line



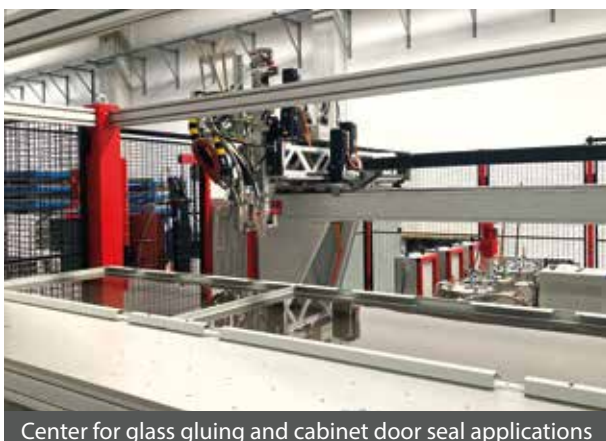
Free-standing cabinets packaging center



Automated bending center



Robotic workstation for spot welding  
of wall-mounted cabinets



Center for glass gluing and cabinet door seal applications



Warehouse





Suction and filter unit of welding plant



Metal forming line of skeleton rails



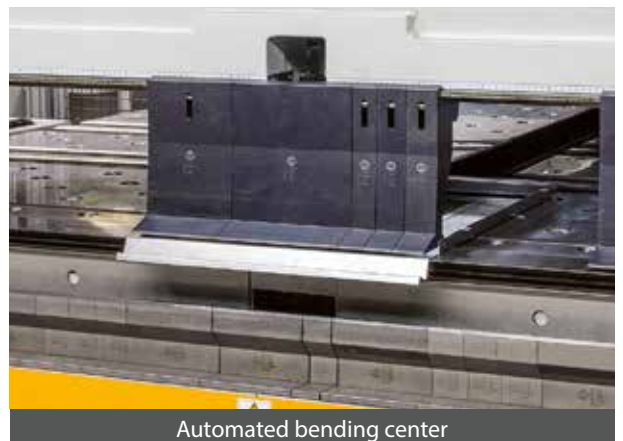
Connection of storage centers



Automated bending center



Automated bending center



Automated bending center





Automated bending center



Automated bending center



Automated bending center



UV LED printer

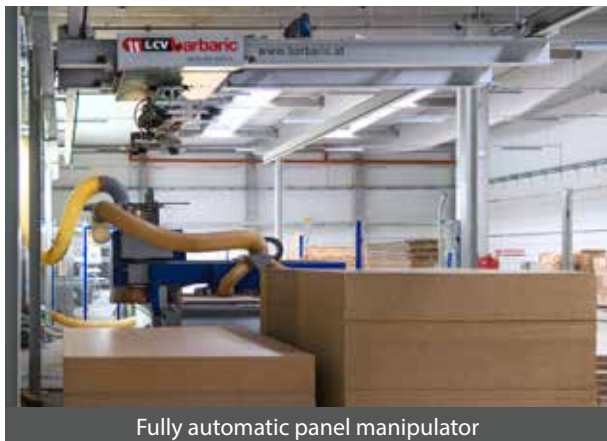


Robotized loader of TrueBend Centre

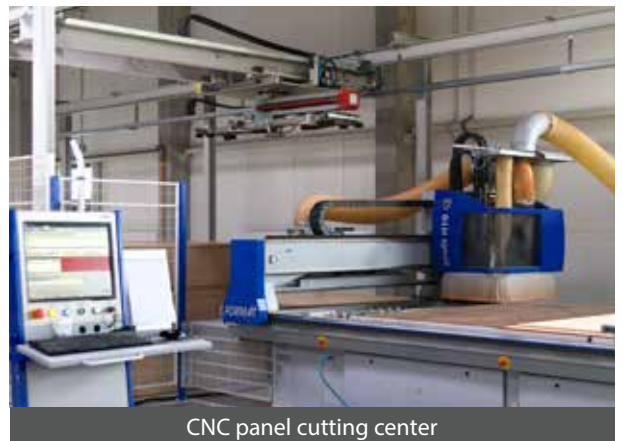


UV LED printer





Fully automatic panel manipulator



CNC panel cutting center



CNC panel cutting center



Edgebander

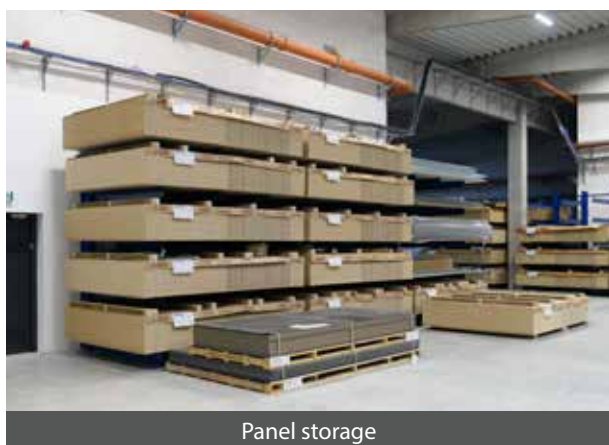


Stacking machine for pallets



Cross-cut saw





Panel storage



Transfer trolley



Automated bending center



Automated bending center



Automated bending center



Automated bending center

# Product Options

## Door Options



**Hardened smoked glass door**



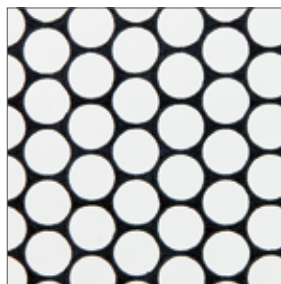
**Perforated door**



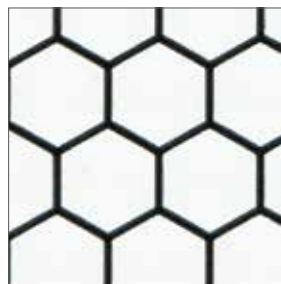
**Solid steel door**



**Special door**



**Air permeability 80 %**



**Air permeability 86 %**

### Gluing methods

We use a CNC system for polyurethane compound applications. This system has a three axis motion and the mixture is applied evenly by nozzle. This new professional method of gluing increases the bond strength between the glass and steel frame.

### Perforated door

Perforated door we produce with standard air permeability 80%, on demand with 86%.

**Special doors allow for mounting standard horizontal fan units** (for most of the free-standing cabinets).

Further information is available in the section Active cooling.

## Double Wing Door



**Hardened smoked glass door**



**Perforated door**



**Solid steel door**

■ All double wing doors are supplied with hook-on hinges that allow door quick and tool-less disassembly for easy handling of the installed technology.

## Colour Variety of the Cabinets



**RAL 7035**



**RAL 9005**

Standard colours are RAL 7035 (light grey) and RAL 9005 (black). However, it is possible to use any colour from the RAL sampler on various cabinet parts and thus to create an original design according to a client's or architect's concept. The paint has a good resistance to chemical and mechanical damage. We highly recommend to clean the surface by standard non-abrasive washing detergents with neutral pH ( 5-8 ) and then to dry it well.

## Securing of the side panels



**Lock, standard key**



**Safety countersunk screws**

Safety countersunk screws are standardly for RTA, RDA and RYA cabinets in version A3, A7. On request, the screws may be mounted from the inner side of the cabinet.





# Free-Standing Cabinets

## Free-Standing Cabinets – Overview



### RMA

Welded cabinet with removable side panels and rear cover, IP20, capacity 800 kg

19



### RZA

Cabinet can be disassembled, welded parts easily connected by screws, IP20, capacity 800 kg

33



### RTA

Welded cabinet with demountable side panels and back panel, IP 20, loading capacity 1200 /1500 kg

47



### RYA

Easy to disassembly cabinet, IP 20, loading capacity 1200 / 1500 kg

63



### RDA

Welded server cabinet, IP20, capacity 1800 kg

79



### RIE

Welded cabinet with removable covers, prepared for the installation of independent air-conditioning units, IP54, capacity 800 kg

93



### RDE

Welded server cabinet prepared for the installation of independent air-conditioning units, IP54, capacity 1800 kg

105



### RPA

Cabinet for industrial applications – separate sections, RPA – IP20, capacity 400 kg

117



### RPE

Cabinet for industrial applications – separate sections, RPE – IP54, capacity 400 kg

125



### RSX

19" open frames, capacity 150 and 800 kg

135



### RSX-F

19" open flexible frames, capacity 800 kg

141





# RMA

Welded cabinet with removable side panels  
and rear cover, IP20, capacity 800 kg

The new generation of RMA 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.

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



#### 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.



#### 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



RMA 600 x 600 mm

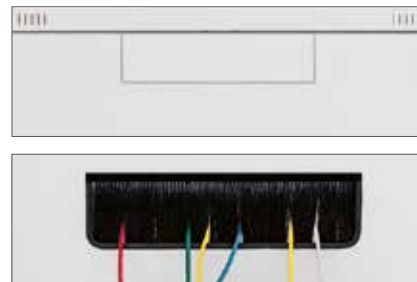
**Removable sides and back cover.** The RMA cabinet features a welded skeleton with removable side panels and a back cover. These, as well as the rear cover, are secured to the skeleton with locks which typically use a common key.



■ 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)



#### ■ 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 RMA 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 RMA cabinet package.



RMA 800 x 800 mm

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



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.

For enclosures with a load of more than 500 kg, we recommend install a set of cable management / strengthening bars, which also act as reinforcement.



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 rails
- 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-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-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,

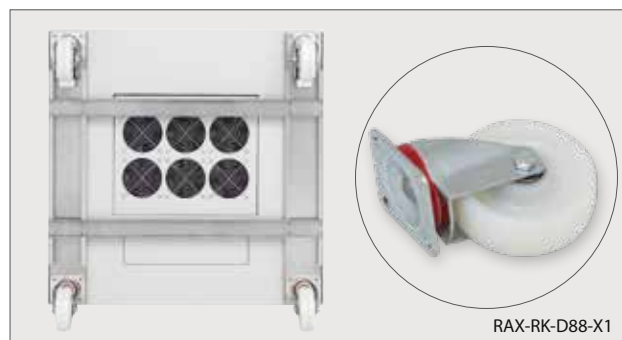
- 400 kg for type **RMA**, RZA, RIE, 800 mm wide,

- 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-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**

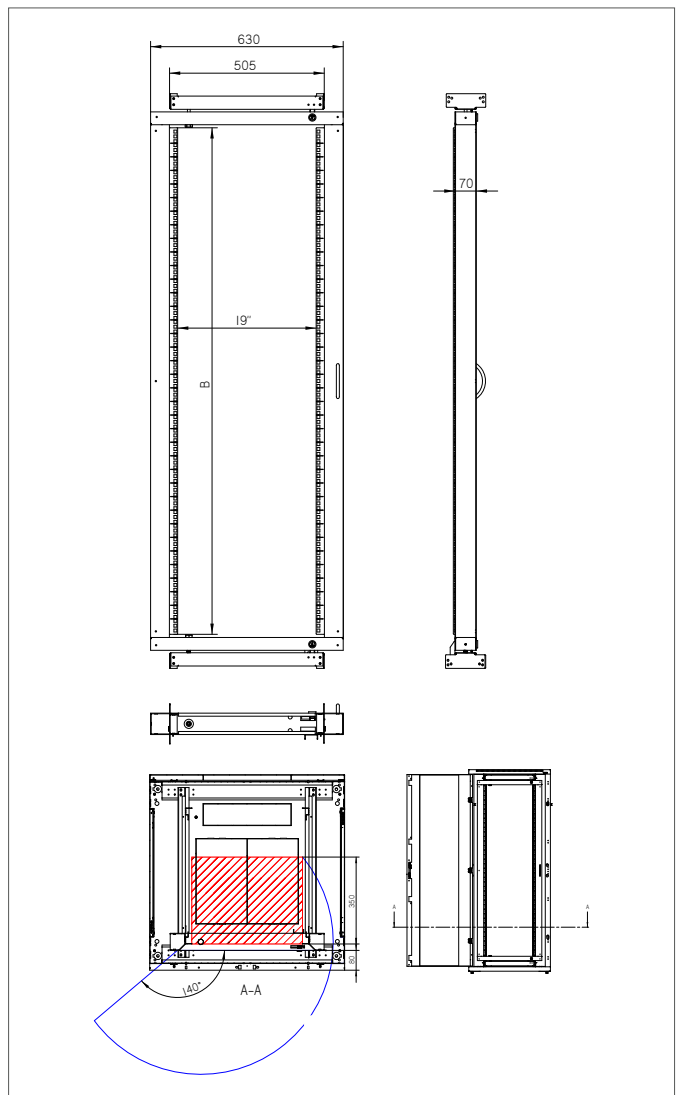
Castors with a brake .....	2x
Castors without a brake .....	2x
Screw M5 x 12 Thorx .....	16x
Screw M5 x 20 Thorx .....	16x
Flat washer 5,3 .....	16x
U-profile .....	4x



# RMA



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



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](http://www.triton-racks.com) in the Active Cooling section.**

RMA 600 x 600								
Type	A	B	C	D	E	Weight gross (kg)	Weight net (kg)	Maximum recommended load (with legs or base)
	(mm)							
RMA-15-A66-CAX-N1	770	668	497	600	600	43,3	34,7	800 kg
RMA-18-A66-CAX-N1	900	798	497	600	600	47,5	39,0	
RMA-22-A66-CAX-N1	1080	978	497	600	600	53,0	44,4	
RMA-27-A66-CAX-N1	1300	1198	497	600	600	60,2	51,4	
RMA-32-A66-CAX-N1	1525	1423	497	600	600	67,4	58,6	
RMA-37-A66-CAX-N1	1750	1648	497	600	600	74,7	65,8	
RMA-42-A66-CAX-N1	1970	1868	497	600	600	81,7	72,7	
RMA-45-A66-CAX-N1	2105	2003	497	600	600	86,0	77,0	
RMA-47-A66-CAX-N1	2194	2092	497	600	600	88,7	79,7	

RMA 600 x 800								
Type	A	B	C	D	E	Weight gross (kg)	Weight net (kg)	Maximum recommended load (with legs or base)
	(mm)							
RMA-15-A68-CAX-N1	770	668	497	600	800	49,6	39,9	800 kg
RMA-18-A68-CAX-N1	900	798	497	600	800	54,3	44,5	
RMA-22-A68-CAX-N1	1080	978	497	600	800	60,4	50,6	
RMA-27-A68-CAX-N1	1300	1198	497	600	800	68,2	58,2	
RMA-32-A68-CAX-N1	1525	1423	497	600	800	76,1	66,1	
RMA-37-A68-CAX-N1	1750	1648	497	600	800	84,3	74,1	
RMA-42-A68-CAX-N1	1970	1868	497	600	800	92,0	81,8	
RMA-45-A68-CAX-N1	2105	2003	497	600	800	96,7	86,5	
RMA-47-A68-CAX-N1	2194	2092	497	600	800	99,7	89,5	

RMA 600 x 900								
Type	A	B	C	D	E	Weight gross (kg)	Weight net (kg)	Maximum recommended load (with legs or base)
	(mm)							
RMA-15-A69-CAX-N1	770	668	497	600	900	54,4	44,0	800 kg
RMA-18-A69-CAX-N1	900	798	497	600	900	59,4	49,1	
RMA-22-A69-CAX-N1	1080	978	497	600	900	66,2	55,8	
RMA-27-A69-CAX-N1	1300	1198	497	600	900	74,9	64,3	
RMA-32-A69-CAX-N1	1525	1423	497	600	900	83,6	73,0	
RMA-37-A69-CAX-N1	1750	1648	497	600	900	92,6	81,8	
RMA-42-A69-CAX-N1	1970	1868	497	600	900	101,0	90,3	
RMA-45-A69-CAX-N1	2105	2003	497	600	900	106,3	95,5	
RMA-47-A69-CAX-N1	2194	2092	497	600	900	109,7	98,8	

RMA 600 x 1000								
Type	A	B	C	D	E	Weight gross (kg)	Weight net (kg)	Maximum recommended load (with legs or base)
	(mm)							
RMA-15-A61-CAX-N1	770	668	497	600	1000	57,5	46,6	800 kg
RMA-18-A61-CAX-N1	900	798	497	600	1000	62,9	51,9	
RMA-22-A61-CAX-N1	1080	978	497	600	1000	69,9	58,9	
RMA-27-A61-CAX-N1	1300	1198	497	600	1000	78,9	67,8	
RMA-32-A61-CAX-N1	1525	1423	497	600	1000	88,1	76,9	
RMA-37-A61-CAX-N1	1750	1648	497	600	1000	97,4	86,0	
RMA-42-A61-CAX-N1	1970	1868	497	600	1000	106,3	94,9	
RMA-45-A61-CAX-N1	2105	2003	497	600	1000	111,7	100,3	
RMA-47-A61-CAX-N1	2194	2092	497	600	1000	115,2	103,8	

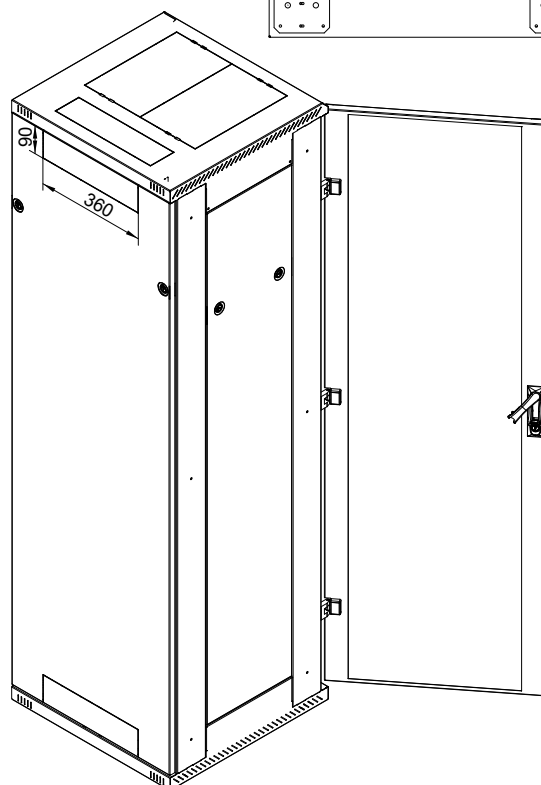
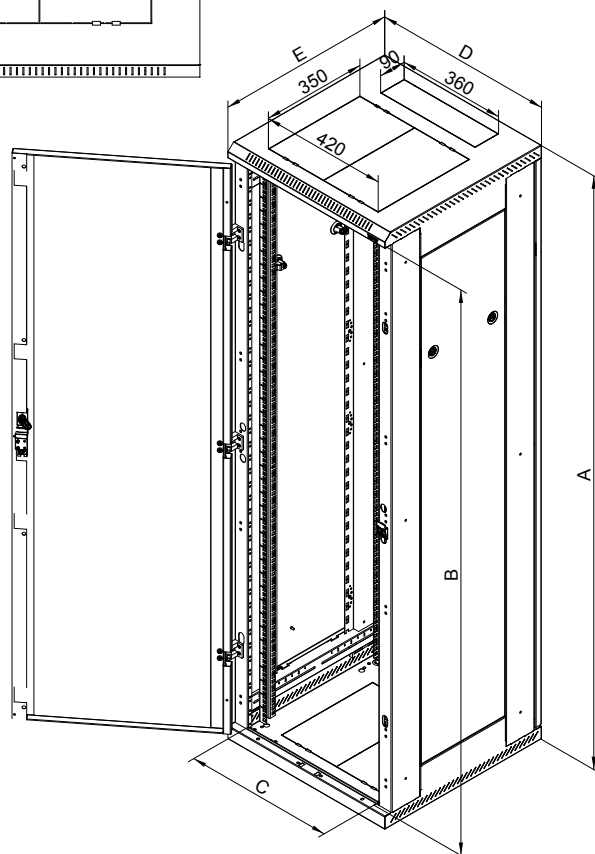
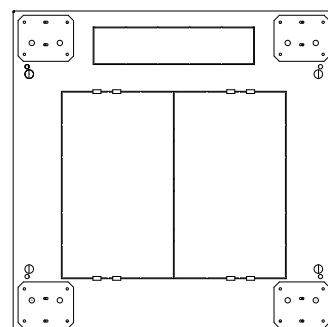
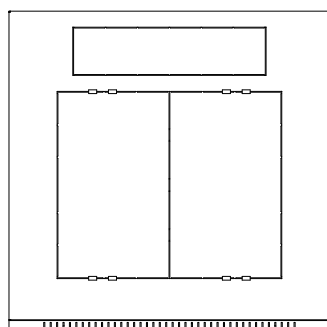
**RMA 600 x 1100**

Type	A	B	C	D	E	Weight gross (kg)	Weight net (kg)	Maximum recommended load (with legs or base)
	(mm)							
RMA-15-A60-CAX-N1	770	668	497	600	1100	61,2	49,5	800 kg
RMA-18-A60-CAX-N1	900	798	497	600	1100	66,4	54,7	
RMA-22-A60-CAX-N1	1080	978	497	600	1100	73,8	62,0	
RMA-27-A60-CAX-N1	1300	1198	497	600	1100	83,1	71,3	
RMA-32-A60-CAX-N1	1525	1423	497	600	1100	92,7	80,7	
RMA-37-A60-CAX-N1	1750	1648	497	600	1100	102,3	90,2	
RMA-42-A60-CAX-N1	1970	1868	497	600	1100	111,6	99,5	
RMA-45-A60-CAX-N1	2105	2003	497	600	1100	117,2	105,1	
RMA-47-A60-CAX-N1	2194	2092	497	600	1100	120,9	108,7	

**RMA 600 x 1200**

Type	A	B	C	D	E	Weight gross (kg)	Weight net (kg)	Maximum recommended load (with legs or base)
	(mm)							
RMA-15-A62-CAX-N1	770	668	497	600	1200	64,1	51,8	800 kg
RMA-18-A62-CAX-N1	900	798	497	600	1200	69,8	57,5	
RMA-22-A62-CAX-N1	1080	978	497	600	1200	77,5	65,1	
RMA-27-A62-CAX-N1	1300	1198	497	600	1200	87,2	74,7	
RMA-32-A62-CAX-N1	1525	1423	497	600	1200	97,1	84,6	
RMA-37-A62-CAX-N1	1750	1648	497	600	1200	107,1	94,5	
RMA-42-A62-CAX-N1	1970	1868	497	600	1200	116,8	104,1	
RMA-45-A62-CAX-N1	2105	2003	497	600	1200	122,6	109,9	
RMA-47-A62-CAX-N1	2194	2092	497	600	1200	126,4	113,7	

Drawing of the roof and base of the 600 mm wide RMA cabinet.  
Suitable fan units RAX-CH-X03/04/05-X3





RMA 800 x 600								
Type	A	B	C	D	E	Weight gross (kg)	Weight net (kg)	Maximum recommended load (with legs or base)
	(mm)							
RMA-15-A86-CAX-N1	770	684	697	800	600	56,5	46,5	800 kg
RMA-18-A86-CAX-N1	900	814	697	800	600	61,1	51,1	
RMA-22-A86-CAX-N1	1080	994	697	800	600	67,2	57,2	
RMA-27-A86-CAX-N1	1300	1214	697	800	600	75,1	64,9	
RMA-32-A86-CAX-N1	1525	1438	697	800	600	83,0	72,8	
RMA-37-A86-CAX-N1	1750	1664	697	800	600	91,2	80,7	
RMA-42-A86-CAX-N1	1970	1884	697	800	600	99,0	88,4	
RMA-45-A86-CAX-N1	2105	2019	697	800	600	103,7	93,1	
RMA-47-A86-CAX-N1	2194	2108	697	800	600	106,8	96,1	

RMA 800 x 800								
Type	A	B	C	D	E	Weight gross (kg)	Weight net (kg)	Maximum recommended load (with legs or base)
	(mm)							
RMA-15-A88-CAX-N1	770	684	697	800	800	65,9	54,5	800 kg
RMA-18-A88-CAX-N1	900	814	697	800	800	70,9	59,5	
RMA-22-A88-CAX-N1	1080	994	697	800	800	77,7	66,2	
RMA-27-A88-CAX-N1	1300	1214	697	800	800	86,2	74,6	
RMA-32-A88-CAX-N1	1525	1438	697	800	800	94,9	83,2	
RMA-37-A88-CAX-N1	1750	1664	697	800	800	103,8	91,9	
RMA-42-A88-CAX-N1	1970	1884	697	800	800	112,4	100,3	
RMA-45-A88-CAX-N1	2105	2019	697	800	800	117,5	105,4	
RMA-47-A88-CAX-N1	2194	2108	697	800	800	120,8	108,8	

RMA 800 x 900								
Type	A	B	C	D	E	Weight gross (kg)	Weight net (kg)	Maximum recommended load (with legs or base)
	(mm)							
RMA-15-A89-CAX-N1	770	684	697	800	900	71,8	59,8	800 kg
RMA-18-A89-CAX-N1	900	814	697	800	900	77,4	65,3	
RMA-22-A89-CAX-N1	1080	994	697	800	900	84,7	72,6	
RMA-27-A89-CAX-N1	1300	1214	697	800	900	94,1	81,9	
RMA-32-A89-CAX-N1	1525	1438	697	800	900	103,6	91,3	
RMA-37-A89-CAX-N1	1750	1664	697	800	900	113,3	100,9	
RMA-42-A89-CAX-N1	1970	1884	697	800	900	122,6	110,0	
RMA-45-A89-CAX-N1	2105	2019	697	800	900	128,3	115,7	
RMA-47-A89-CAX-N1	2194	2108	697	800	900	132,0	119,3	

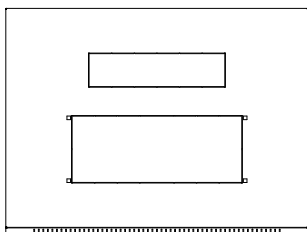
RMA 800 x 1000								
Type	A	B	C	D	E	Weight gross (kg)	Weight net (kg)	Maximum recommended load (with legs or base)
	(mm)							
RMA-15-A81-CAX-N1	770	684	697	800	1000	76,8	63,7	800 kg
RMA-18-A81-CAX-N1	900	814	697	800	1000	82,6	69,4	
RMA-22-A81-CAX-N1	1080	994	697	800	1000	90,2	77,0	
RMA-27-A81-CAX-N1	1300	1214	697	800	1000	100,0	86,6	
RMA-32-A81-CAX-N1	1525	1438	697	800	1000	109,9	96,5	
RMA-37-A81-CAX-N1	1750	1664	697	800	1000	119,9	106,4	
RMA-42-A81-CAX-N1	1970	1884	697	800	1000	129,7	116,0	
RMA-45-A81-CAX-N1	2105	2019	697	800	1000	135,5	121,8	
RMA-47-A81-CAX-N1	2194	2108	697	800	1000	139,4	125,6	

**RMA 800 x 1100**

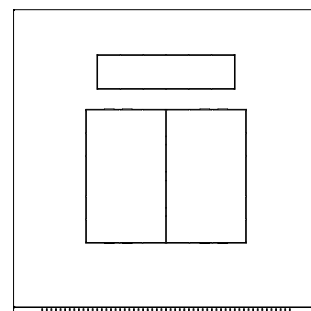
Type	A	B	C	D	E	Weight gross (kg)	Weight net (kg)	Maximum recommended load (with legs or base)
	(mm)							
RMA-15-A80-CAX-N1	770	684	697	800	1100	81,0	67,8	800 kg
RMA-18-A80-CAX-N1	900	814	697	800	1100	86,6	73,4	
RMA-22-A80-CAX-N1	1080	994	697	800	1100	94,5	81,3	
RMA-27-A80-CAX-N1	1300	1214	697	800	1100	104,6	91,3	
RMA-32-A80-CAX-N1	1525	1438	697	800	1100	114,9	101,5	
RMA-37-A80-CAX-N1	1750	1664	697	800	1100	125,3	111,7	
RMA-42-A80-CAX-N1	1970	1884	697	800	1100	135,5	121,7	
RMA-45-A80-CAX-N1	2105	2019	697	800	1100	141,5	127,7	
RMA-47-A80-CAX-N1	2194	2108	697	800	1100	145,4	131,7	

**RMA 800 x 1200**

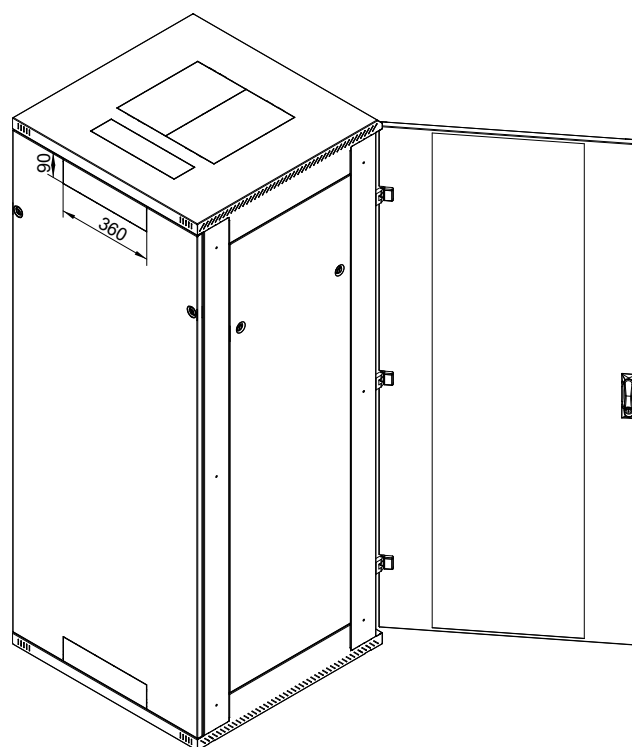
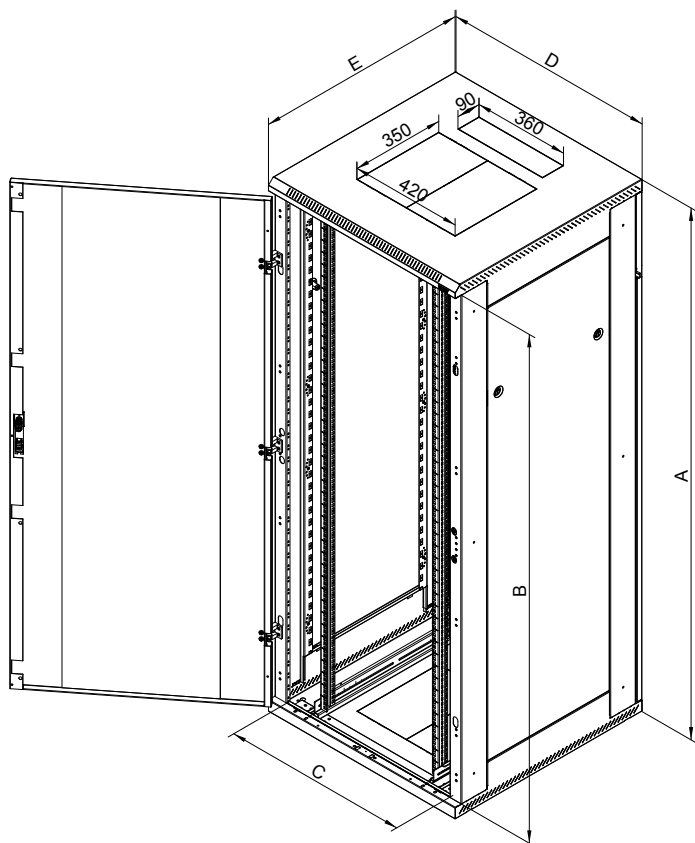
Type	A	B	C	D	E	Weight gross (kg)	Weight net (kg)	Maximum recommended load (with legs or base)
	(mm)							
RMA-15-A82-CAX-N1	770	684	697	800	1200	85,2	71,5	800 kg
RMA-18-A82-CAX-N1	900	814	697	800	1200	91,4	77,7	
RMA-22-A82-CAX-N1	1080	994	697	800	1200	99,7	85,9	
RMA-27-A82-CAX-N1	1300	1214	697	800	1200	110,1	96,2	
RMA-32-A82-CAX-N1	1525	1438	697	800	1200	120,8	106,8	
RMA-37-A82-CAX-N1	1750	1664	697	800	1200	131,6	117,4	
RMA-42-A82-CAX-N1	1970	1884	697	800	1200	142,1	127,7	
RMA-45-A82-CAX-N1	2105	2019	697	800	1200	148,3	134,0	
RMA-47-A82-CAX-N1	2194	2108	697	800	1200	152,5	138,1	



Drawing of the roof of a 800 mm wide RMA cabinet, 600 mm deep only.  
Suitable fan units RAX-CH-X24/25/26-X1.



Drawing of the roof of a 800 mm wide RMA cabinet, min. 800 mm deep.  
Suitable fan units RAX-CH-X03/04/05-X3



# RMA free-standing cabinet

A universal cabinet for data and telecommunication purposes. High capacity for demanding applications, a large selection of sizes and options together with a wide selection of accessories and excellent development make it the best-selling cabinet in our range.

## PRODUCT DETAILS

### Rigid construction

RMA has a robust welded 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.

### 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

RMA has a welded frame 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 RMA 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 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 RMA 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 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](http://www.triton-racks.com/certificates).

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\* 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.





# 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.



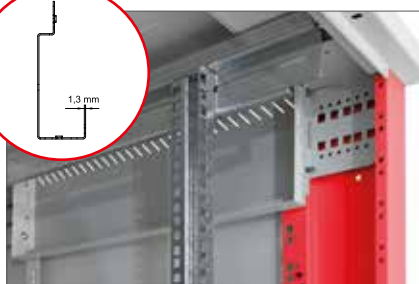
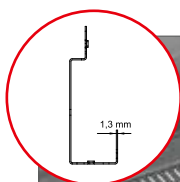
#### Flexible door opening

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.



#### 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



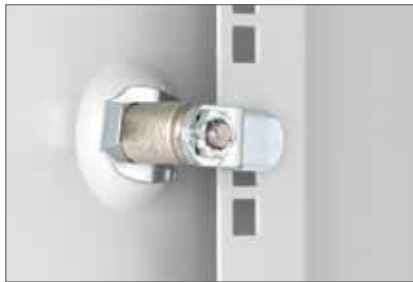
RZA 600 x 600 mm

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.

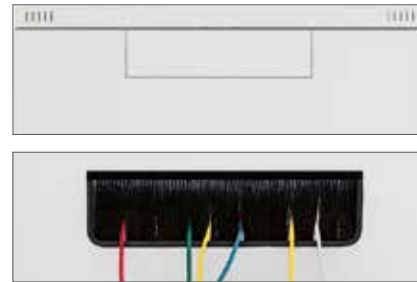




■ **Detail of the cabinet removable rear cover locking latch**



■ **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).



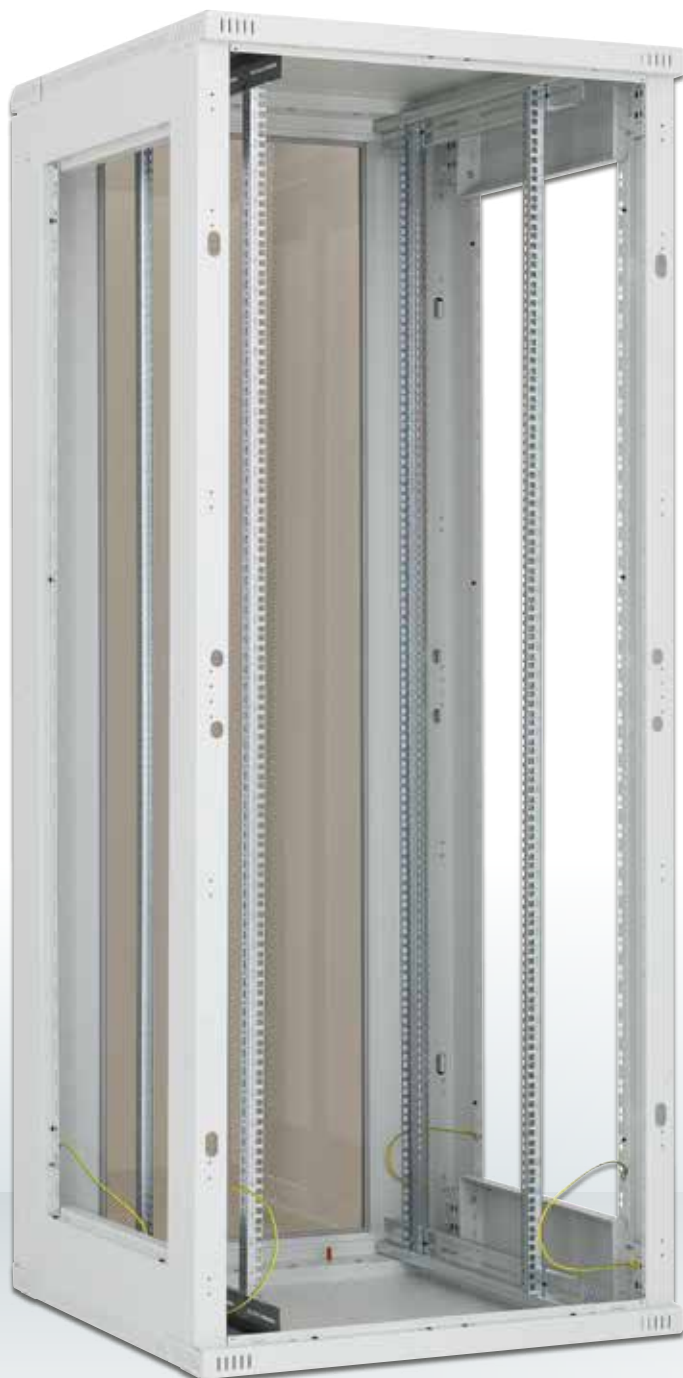
■ **Opening for a fan unit**  
The fan unit opening is covered by a breakout cover. This allows for the installation of a ventilation system.



■ **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.



RZA 800 x 800 mm

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



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 enclosures with a load of more than 500 kg, we recommend install a set of cable management / strengthening bars, which also act as reinforcement.

**STOP** 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-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-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,

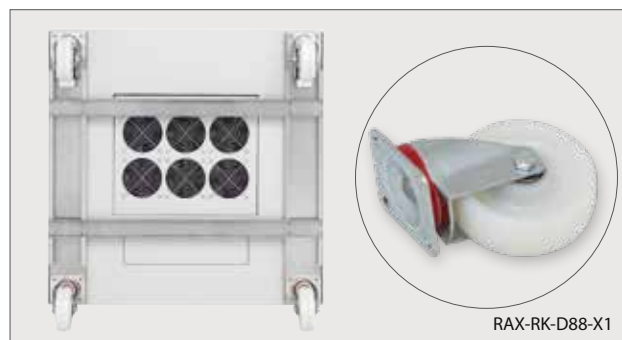
- 400 kg for type RMA, **RZA**, RIE, 800 mm wide,

- 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-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

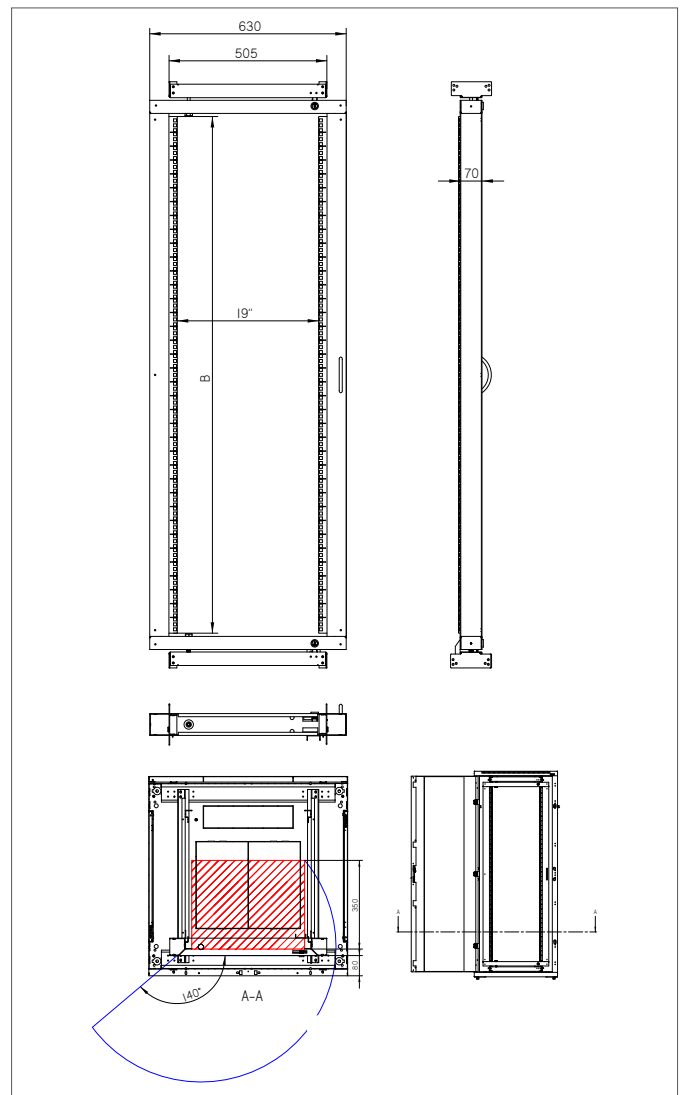
## Swing frame

■ 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

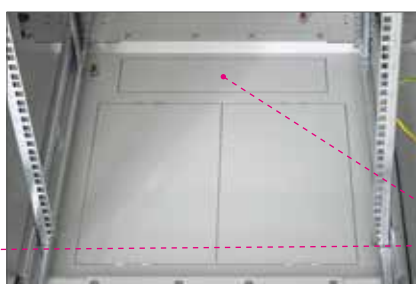
With this cabinet type, it is possible to order a special metal door ready for mounting RAC-CH-X0x-X3 fan units. More information can be found at [www.triton-racks.com](http://www.triton-racks.com) in the Active Cooling section.

### 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.

RZA



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	

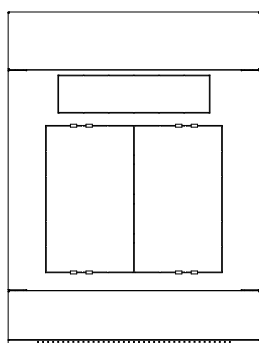
RZA 600 x 1000								
Type	A	B	C	D	E	Weight gross (kg)	Weight net (kg)	Maximum recommended load (with legs or base)
	(mm)							
RZA-15-A61-CAX-N1	770	668	497	600	1000	64,6	53,7	800 kg
RZA-18-A61-CAX-N1	900	798	497	600	1000	69,9	59,0	
RZA-22-A61-CAX-N1	1080	978	497	600	1000	77,0	66,0	
RZA-27-A61-CAX-N1	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	

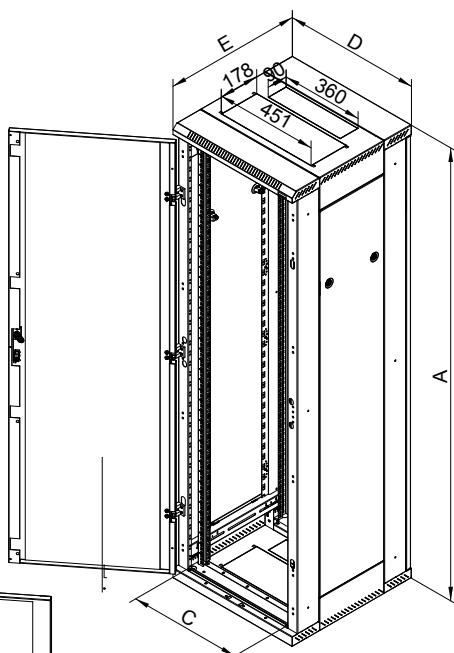
**RZA 600 x 1200**

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	



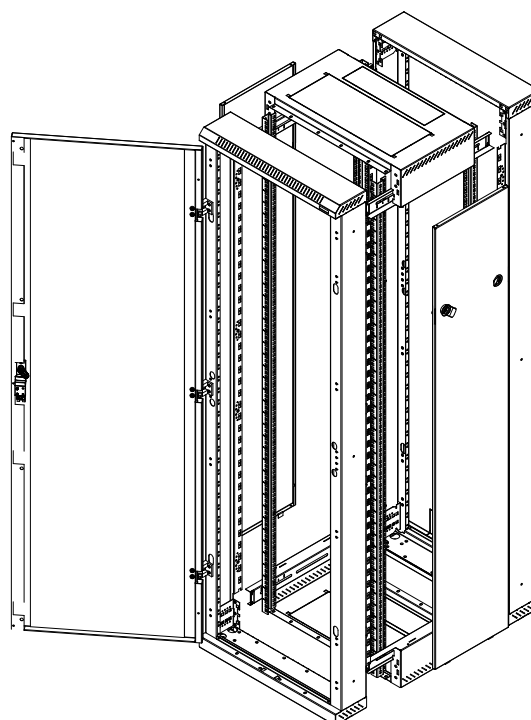
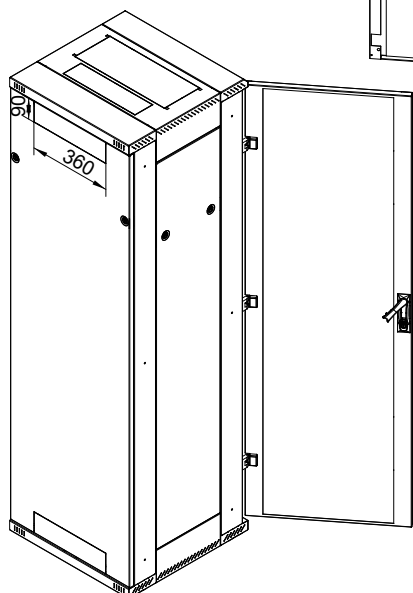
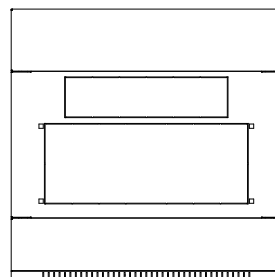
Drawing of the roof of a 600 mm wide RZA cabinet, min. 800 mm deep.

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	

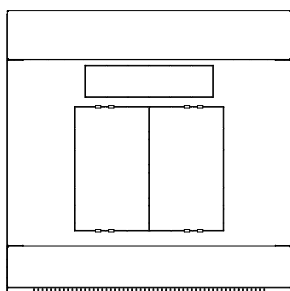
RZA 800 x 1000								
Type	A	B	C	D	E	Weight gross (kg)	Weight net (kg)	Maximum recommended load (with legs or base)
	(mm)							
RZA-15-A81-CAX-N1	770	684	697	800	1000	84,1	71,0	800 kg
RZA-18-A81-CAX-N1	900	814	697	800	1000	89,8	76,7	
RZA-22-A81-CAX-N1	1080	994	697	800	1000	97,5	84,3	
RZA-27-A81-CAX-N1	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	

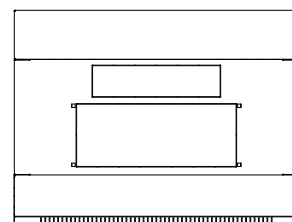
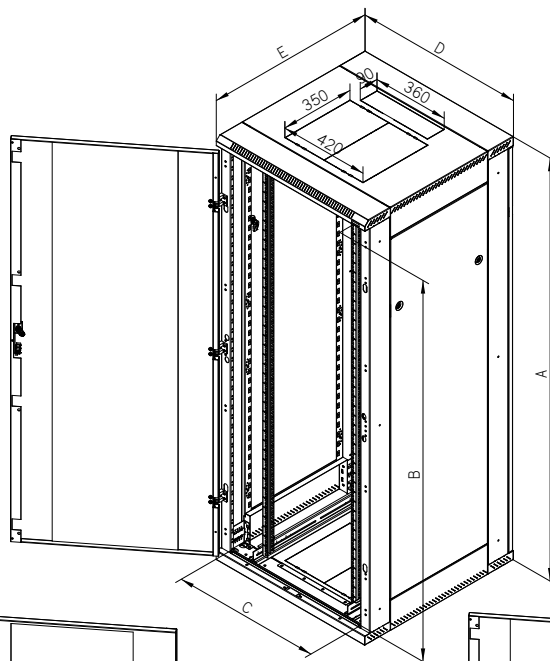
**RZA 800 x 1200**

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	

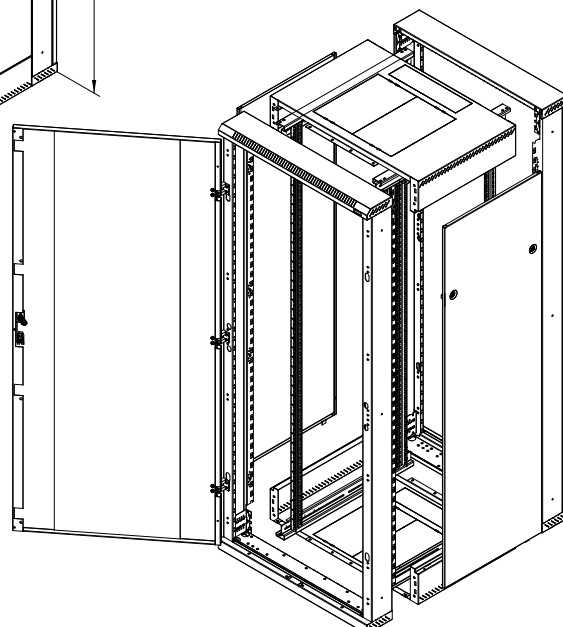
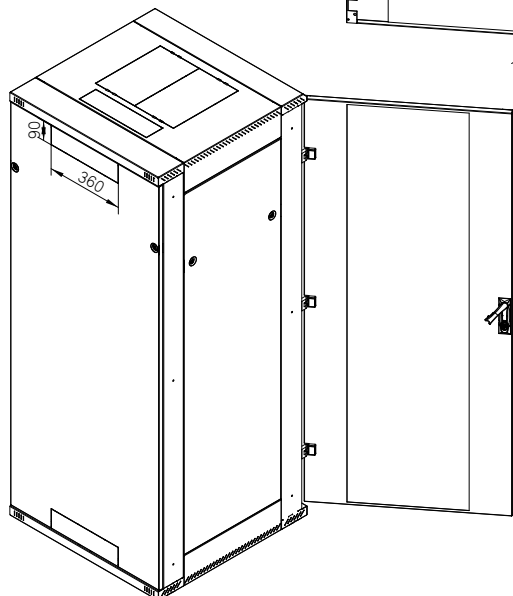


Drawing of the roof of a 800 mm wide RZA cabinet, min. 800 mm deep.

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 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 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](http://www.triton-racks.com/certificates).

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\* 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.



# RTA

Welded cabinet with demountable side panels  
and back panel, IP20, loading capacity 1200/1500 kg



#### ■ Enlarged skeleton rails

Allow installation of accessories - PDU, cable and patch cord management etc.



#### ■ Flex frame

This system enables on cabinets of 800 mm width sliding rails to be installed in a span of 19", 21" and 23".



#### ■ Strengthened skeleton

The RTA cabinet skeleton is designed with focus on high stability and loading capacity.



#### ■ Break-out cable entries

Cable entries and opening for the fan unit are made in the breakout form.



#### ■ Power distribution units installed in skeleton (optional accessory).



#### ■ RAX-VP-Vxx-X2

Accessory - vertical cable management in skeleton (**optional accessory**).







#### ■ Installation holes in skeleton rails

The openings in the entire height of the skeleton correspond to the unit spacing of the installation vertical rails.



#### ■ Marking of units

Installation units are marked by laser on the vertical rails for convenience.



#### ■ Main earthing point M8

An M8 screw is located in the cabinet for entire installation earthing.



#### ■ TRITON handle

Just by replacing the plastic inlet (is not part of supply) you can choose classic or half-cylindrical lock. Patent: PUV 2013-27443.



#### ■ Hook-on hinges

Standard door hinges is possible to replace by hook-on version (**optional accessory**).



#### ■ Fringe edge

Protects cables from damage. 1m in supply.





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.

For enclosures with a load of more than 500 kg, we recommend install a set of cable management / strengthening bars, which also act as reinforcement.



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:**

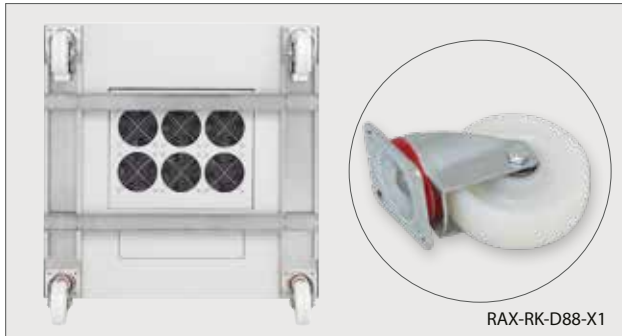
- install the cabinet on a level and sufficiently firm floor
- place at least 65% of the load in the the lower half of the height of the cabinet
- ensure that the load is evenly distributed between the front and rear vertical rails
- when taxiing with a cabinet, comply with the relevant standards.

**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-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



RAX-MS-X47-X1

**■ RAX-MS-X47-X1**

Direct mounting castors set.

**Max. recommended load capacity\*:**

- 500 kg for type RDA, RDE, RIE, **RTA**, RYA, 600 mm wide,
- 600 kg for type RDA, RDE, RIE, **RTA**, RYA, 800 mm wide,
- 900 kg for type RSX (XD), RSX-F.

The height of the cabinet is increased by 155 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-T88-X1

Cabinet depth (mm)	Cabinet width (mm)	
	600	800
600	RAX-RK-T66-X1	RAX-RK-T86-X1
800	RAX-RK-T68-X1	RAX-RK-T88-X1
900	RAX-RK-T69-X1	RAX-RK-T89-X1
1000	RAX-RK-T61-X1	RAX-RK-T81-X1
1100	RAX-RK-T60-X1	RAX-RK-T80-X1
1200	RAX-RK-T62-X1	RAX-RK-T82-X1

**■ RAX-RK-Txx-X1**

Castors with reinforcing frame.

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

**Max. recommended load capacity\*:**

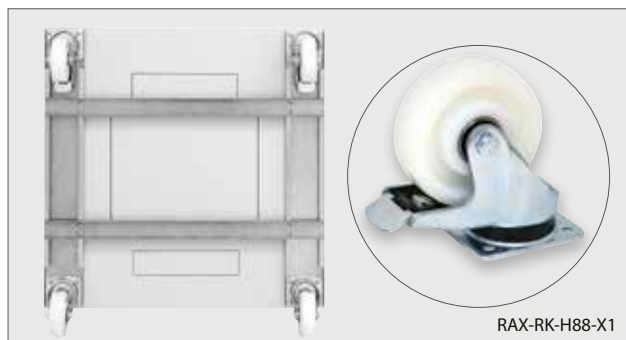
- 1500 kg for type **RTA**, RYA, RDA, RDE.

The height of the cabinet is increased by 143 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-H88-X1

Cabinet depth (mm)	Cabinet width (mm)	
	600	800
600	RAX-RK-H66-X1	RAX-RK-H86-X1
800	RAX-RK-H68-X1	RAX-RK-H88-X1
900	RAX-RK-H69-X1	RAX-RK-H89-X1
1000	RAX-RK-H61-X1	RAX-RK-H81-X1
1100	RAX-RK-H60-X1	RAX-RK-H80-X1
1200	RAX-RK-H62-X1	RAX-RK-H82-X1

## ■ RAX-RK-Hxx-X1

Castors with reinforcing frame

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

### Max. recommended load capacity:

- 1600 kg for type **RTA**, RYA,

- 1900 kg for type RDA, RDE.

The height of the cabinet is increased by 168 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

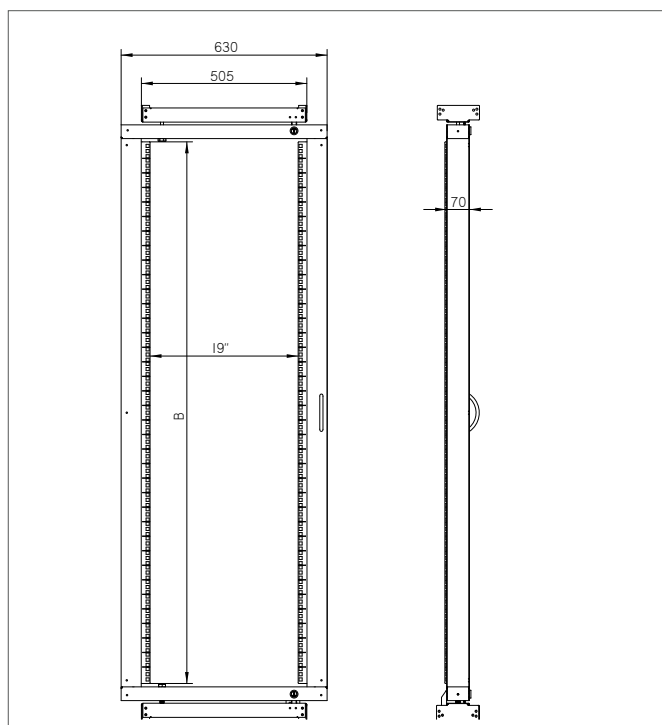
## Swing frame

■ 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

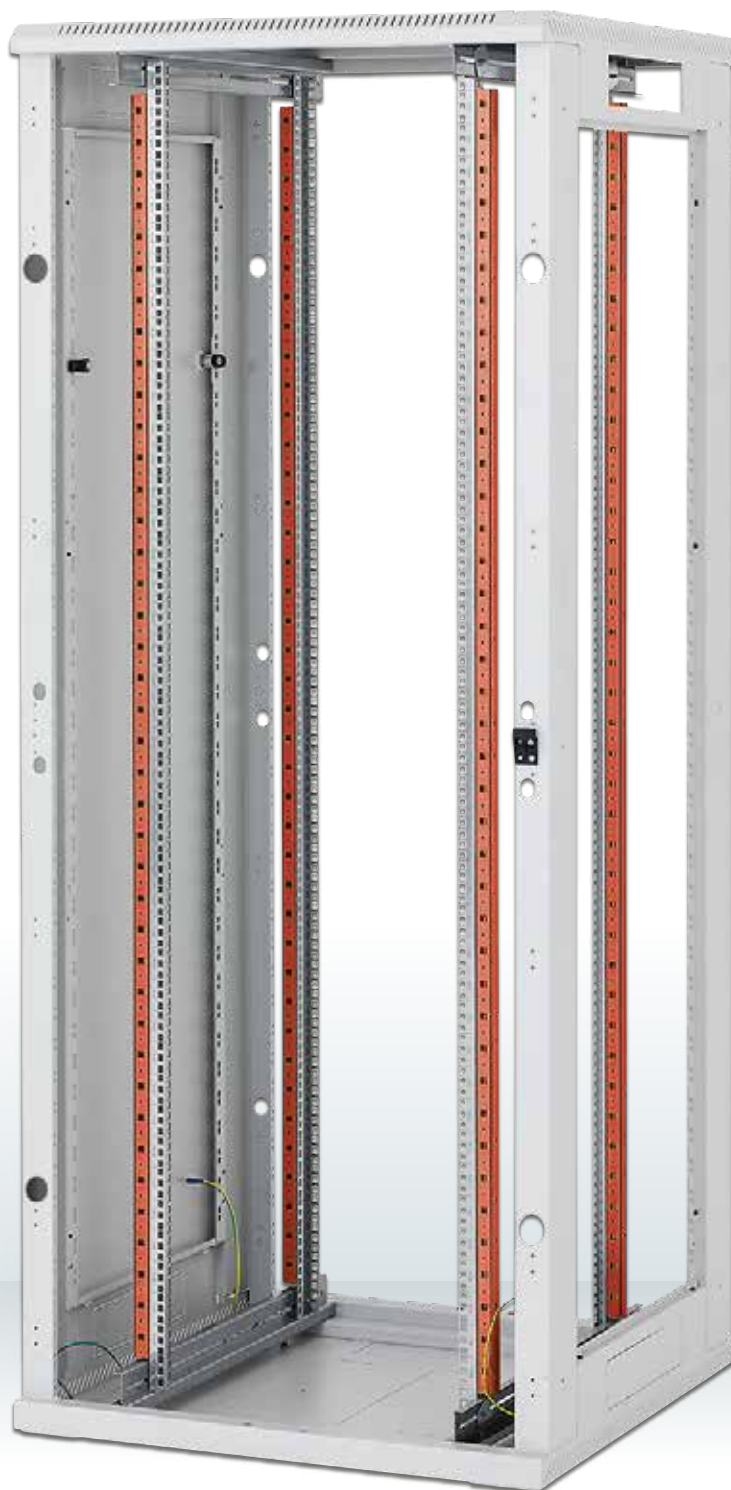


## Load increase from 1200 to 1500 kg for 600/800 mm cabinet



### ■ Vertical rails strengthening member

Additional profile that increase vertical rails stability (4 pcs). It increase cabinet max. load to 1500 kg.



RTA



### 19" rail strength member for 600 / 800 mm cabinet

Type	Cabinet height in units	Weight gross (kg)	Weight net (kg)
RAX-VR-T15-X2	15	1.84	1.74
RAX-VR-T18-X2	18	2.24	2.14
RAX-VR-T22-X2	22	2.89	2.79
RAX-VR-T27-X2	27	3.64	3.54
RAX-VR-T32-X2	32	4.39	4.29
RAX-VR-T37-X2	37	5.13	5.03
RAX-VR-T42-X2	42	5.9	5.8
RAX-VR-T45-X2	45	6.34	6.24
RAX-VR-T47-X2	47	6.63	6.53

**RTA 600 x 600**

Type	A	B	C	D	E	Weight gross (kg)	Weight net (kg)	Maximal recommended load <i>(with legs or base)</i>
	(mm)							
RTA-15-A66-CAX-A1	770	668	497	600	600	49,5	44,0	1200/1500 kg with the use of reinforcing accessories RAX-VR-Txx-X2 on vertical rails
RTA-18-A66-CAX-A1	900	798	497	600	600	53,9	48,4	
RTA-22-A66-CAX-A1	1080	978	497	600	600	58,9	53,4	
RTA-27-A66-CAX-A1	1300	1198	497	600	600	66,1	60,5	
RTA-32-A66-CAX-A1	1525	1423	497	600	600	73,2	67,6	
RTA-37-A66-CAX-A1	1750	1648	497	600	600	80,4	74,7	
RTA-42-A66-CAX-A1	1970	1868	497	600	600	87,5	81,8	
RTA-45-A66-CAX-A1	2105	2003	497	600	600	91,9	86,1	
RTA-47-A66-CAX-A1	2194	2092	497	600	600	94,5	88,7	

**RTA 600 x 800**

Type	A	B	C	D	E	Weight gross (kg)	Weight net (kg)	Maximal recommended load <i>(with legs or base)</i>
	(mm)							
RTA-15-A68-CAX-A1	770	668	497	600	800	59,7	52,1	1200/1500 kg with the use of reinforcing accessories RAX-VR-Txx-X2 on vertical rails
RTA-18-A68-CAX-A1	900	798	497	600	800	64,4	56,8	
RTA-22-A68-CAX-A1	1080	978	497	600	800	70,3	62,7	
RTA-27-A68-CAX-A1	1300	1198	497	600	800	78,0	70,3	
RTA-32-A68-CAX-A1	1525	1423	497	600	800	86,0	78,3	
RTA-37-A68-CAX-A1	1750	1648	497	600	800	93,8	86,0	
RTA-42-A68-CAX-A1	1970	1868	497	600	800	101,7	93,9	
RTA-45-A68-CAX-A1	2105	2003	497	600	800	106,4	98,5	
RTA-47-A68-CAX-A1	2194	2092	497	600	800	109,3	101,5	

**RTA 600 x 900**

Type	A	B	C	D	E	Weight gross (kg)	Weight net (kg)	Maximal recommended load <i>(with legs or base)</i>
	(mm)							
RTA-15-A69-CAX-A1	770	668	497	600	900	65,0	57,5	1200/1500 kg with the use of reinforcing accessories RAX-VR-Txx-X2 on vertical rails
RTA-18-A69-CAX-A1	900	798	497	600	900	70,4	62,9	
RTA-22-A69-CAX-A1	1080	978	497	600	900	76,7	69,1	
RTA-27-A69-CAX-A1	1300	1198	497	600	900	85,3	77,6	
RTA-32-A69-CAX-A1	1525	1423	497	600	900	94,1	86,4	
RTA-37-A69-CAX-A1	1750	1648	497	600	900	102,8	95,0	
RTA-42-A69-CAX-A1	1970	1868	497	600	900	111,5	103,6	
RTA-45-A69-CAX-A1	2105	2003	497	600	900	116,7	108,8	
RTA-47-A69-CAX-A1	2194	2092	497	600	900	120,0	112,1	

**RTA 600 x 1000**

Type	A	B	C	D	E	Weight gross (kg)	Weight net (kg)	Maximal recommended load <i>(with legs or base)</i>
	(mm)							
RTA-15-A61-CAX-A1	770	668	497	600	1000	69,1	61,5	1200/1500 kg with the use of reinforcing accessories RAX-VR-Txx-X2 on vertical rails
RTA-18-A61-CAX-A1	900	798	497	600	1000	74,7	67,1	
RTA-22-A61-CAX-A1	1080	978	497	600	1000	81,2	73,6	
RTA-27-A61-CAX-A1	1300	1198	497	600	1000	90,3	82,6	
RTA-32-A61-CAX-A1	1525	1423	497	600	1000	99,4	91,7	
RTA-37-A61-CAX-A1	1750	1648	497	600	1000	108,5	100,7	
RTA-42-A61-CAX-A1	1970	1868	497	600	1000	117,6	109,7	
RTA-45-A61-CAX-A1	2105	2003	497	600	1000	122,9	115,1	
RTA-47-A61-CAX-A1	2194	2092	497	600	1000	126,4	118,5	



RTA 600 x 1100								
Type	A	B	C	D	E	Weight gross (kg)	Weight net (kg)	Maximal recommended load <i>(with legs or base)</i>
	(mm)							
RTA-15-A60-CAX-A1	770	668	497	600	1100	74,5	65,9	1200/1500 kg with the use of reinforcing accessories RAX-VR-Txx-X2 on vertical rails
RTA-18-A60-CAX-A1	900	798	497	600	1100	79,9	71,4	
RTA-22-A60-CAX-A1	1080	978	497	600	1100	86,8	78,2	
RTA-27-A60-CAX-A1	1300	1198	497	600	1100	96,1	87,4	
RTA-32-A60-CAX-A1	1525	1423	497	600	1100	105,7	97,0	
RTA-37-A60-CAX-A1	1750	1648	497	600	1100	115,2	106,3	
RTA-42-A60-CAX-A1	1970	1868	497	600	1100	124,6	115,8	
RTA-45-A60-CAX-A1	2105	2003	497	600	1100	130,2	121,3	
RTA-47-A60-CAX-A1	2194	2092	497	600	1100	133,8	124,8	

RTA 600 x 1200								
Type	A	B	C	D	E	Weight gross (kg)	Weight net (kg)	Maximal recommended load <i>(with legs or base)</i>
	(mm)							
RTA-15-A62-CAX-A1	770	668	497	600	1200	79,2	69,7	1200/1500 kg with the use of reinforcing accessories RAX-VR-Txx-X2 on vertical rails
RTA-18-A62-CAX-A1	900	798	497	600	1200	85,2	75,6	
RTA-22-A62-CAX-A1	1080	978	497	600	1200	92,3	82,7	
RTA-27-A62-CAX-A1	1300	1198	497	600	1200	102,0	92,3	
RTA-32-A62-CAX-A1	1525	1423	497	600	1200	112,0	102,2	
RTA-37-A62-CAX-A1	1750	1648	497	600	1200	121,8	112,0	
RTA-42-A62-CAX-A1	1970	1868	497	600	1200	131,6	121,8	
RTA-45-A62-CAX-A1	2105	2003	497	600	1200	137,4	127,5	
RTA-47-A62-CAX-A1	2194	2092	497	600	1200	141,2	131,2	

RTA 800 x 600								
Type	A	B	C	D	E	Weight gross (kg)	Weight net (kg)	Maximal recommended load <i>(with legs or base)</i>
	(mm)							
RTA-15-A86-CAX-A1	770	668	697	800	600	55,7	50,1	1200/1500 kg with the use of reinforcing accessories RAX-VR-Txx-X2 on vertical rails
RTA-18-A86-CAX-A1	900	798	697	800	600	60,3	54,7	
RTA-22-A86-CAX-A1	1080	978	697	800	600	66,7	61,0	
RTA-27-A86-CAX-A1	1300	1198	697	800	600	74,6	68,7	
RTA-32-A86-CAX-A1	1525	1423	697	800	600	82,5	76,6	
RTA-37-A86-CAX-A1	1750	1648	697	800	600	93,9	87,8	
RTA-42-A86-CAX-A1	1970	1868	697	800	600	102,8	96,6	
RTA-45-A86-CAX-A1	2105	2003	697	800	600	107,3	101,1	
RTA-47-A86-CAX-A1	2194	2092	697	800	600	110,2	104,0	

RTA 800 x 800								
Type	A	B	C	D	E	Weight gross (kg)	Weight net (kg)	Maximal recommended load <i>(with legs or base)</i>
	(mm)							
RTA-15-A88-CAX-A1	770	668	697	800	800	65,8	59,5	1200/1500 kg with the use of reinforcing accessories RAX-VR-Txx-X2 on vertical rails
RTA-18-A88-CAX-A1	900	798	697	800	800	70,9	64,5	
RTA-22-A88-CAX-A1	1080	978	697	800	800	79,1	72,7	
RTA-27-A88-CAX-A1	1300	1198	697	800	800	86,4	79,8	
RTA-32-A88-CAX-A1	1525	1423	697	800	800	95,1	88,5	
RTA-37-A88-CAX-A1	1750	1648	697	800	800	107,2	100,4	
RTA-42-A88-CAX-A1	1970	1868	697	800	800	116,9	109,9	
RTA-45-A88-CAX-A1	2105	2003	697	800	800	121,8	114,8	
RTA-47-A88-CAX-A1	2194	2092	697	800	800	125,1	118,1	

**RTA 800 x 900**

Type	A	B	C	D	E	Weight gross (kg)	Weight net (kg)	Maximal recommended load <i>(with legs or base)</i>
	(mm)							
RTA-15-A89-CAX-A1	770	668	697	800	900	70,5	63,5	1200/1500 kg with the use of reinforcing accessories RAX-VR-Txx-X2 on vertical rails
RTA-18-A89-CAX-A1	900	798	697	800	900	75,8	68,8	
RTA-22-A89-CAX-A1	1080	978	697	800	900	83,0	76,0	
RTA-27-A89-CAX-A1	1300	1198	697	800	900	92,0	84,8	
RTA-32-A89-CAX-A1	1525	1423	697	800	900	101,1	93,8	
RTA-37-A89-CAX-A1	1750	1648	697	800	900	113,6	106,1	
RTA-42-A89-CAX-A1	1970	1868	697	800	900	123,6	116,0	
RTA-45-A89-CAX-A1	2105	2003	697	800	900	128,7	121,1	
RTA-47-A89-CAX-A1	2194	2092	697	800	900	132,2	124,5	

**RTA 800 x 1000**

Type	A	B	C	D	E	Weight gross (kg)	Weight net (kg)	Maximal recommended load <i>(with legs or base)</i>
	(mm)							
RTA-15-A81-CAX-A1	770	668	697	800	1000	75,2	68,0	1200/1500 kg with the use of reinforcing accessories RAX-VR-Txx-X2 on vertical rails
RTA-18-A81-CAX-A1	900	798	697	800	1000	88,2	80,9	
RTA-22-A81-CAX-A1	1080	978	697	800	1000	97,5	90,1	
RTA-27-A81-CAX-A1	1300	1198	697	800	1000	107,0	99,5	
RTA-32-A81-CAX-A1	1525	1423	697	800	1000	119,8	112,2	
RTA-37-A81-CAX-A1	1750	1648	697	800	1000	130,2	122,4	
RTA-42-A81-CAX-A1	1970	1868	697	800	1000	135,6	127,8	
RTA-45-A81-CAX-A1	2105	2003	697	800	1000	139,2	131,4	
RTA-47-A81-CAX-A1	2194	2092	697	800	1000	126,0	120,0	

**RTA 800 x 1100**

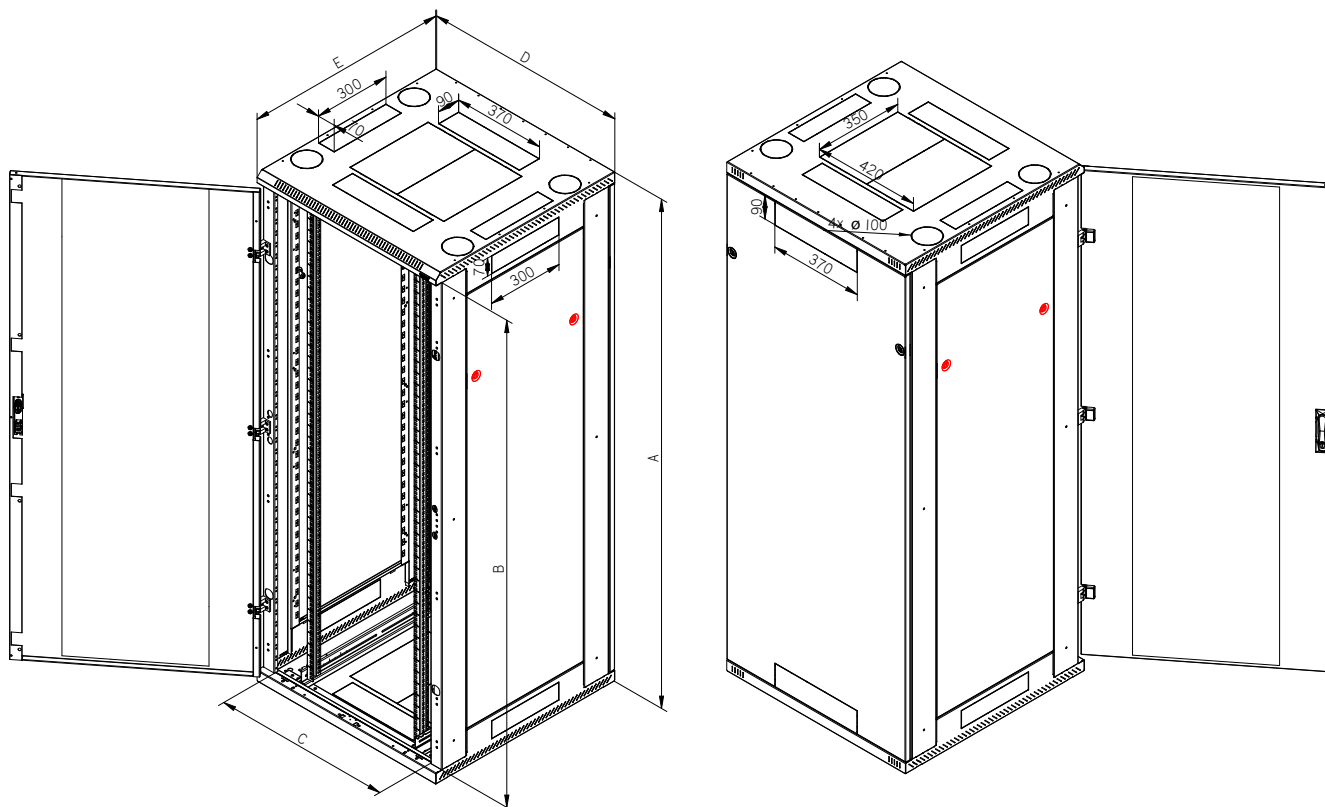
Type	A	B	C	D	E	Weight gross (kg)	Weight net (kg)	Maximal recommended load <i>(with legs or base)</i>
	(mm)							
RTA-15-A80-CAX-A1	770	668	697	800	1100	79,7	72,8	1200/1500 kg with the use of reinforcing accessories RAX-VR-Txx-X2 on vertical rails
RTA-18-A80-CAX-A1	900	798	697	800	1100	85,1	78,1	
RTA-22-A80-CAX-A1	1080	978	697	800	1100	92,9	85,9	
RTA-27-A80-CAX-A1	1300	1198	697	800	1100	102,6	95,5	
RTA-32-A80-CAX-A1	1525	1423	697	800	1100	112,4	105,2	
RTA-37-A80-CAX-A1	1750	1648	697	800	1100	125,6	118,3	
RTA-42-A80-CAX-A1	1970	1868	697	800	1100	136,4	128,9	
RTA-45-A80-CAX-A1	2105	2003	697	800	1100	142,0	134,4	
RTA-47-A80-CAX-A1	2194	2092	697	800	1100	145,7	138,1	

**RTA 800 x 1200**

Type	A	B	C	D	E	Weight gross (kg)	Weight net (kg)	Maximal recommended load <i>(with legs or base)</i>
	(mm)							
RTA-15-A82-CAX-A1	770	668	697	800	1200	83,9	76,9	1200/1500 kg with the use of reinforcing accessories RAX-VR-Txx-X2 on vertical rails
RTA-18-A82-CAX-A1	900	798	697	800	1200	89,8	82,8	
RTA-22-A82-CAX-A1	1080	978	697	800	1200	98,0	90,9	
RTA-27-A82-CAX-A1	1300	1198	697	800	1200	108,0	100,8	
RTA-32-A82-CAX-A1	1525	1423	697	800	1200	118,2	110,9	
RTA-37-A82-CAX-A1	1750	1648	697	800	1200	129,9	122,4	
RTA-42-A82-CAX-A1	1970	1868	697	800	1200	142,9	135,3	
RTA-45-A82-CAX-A1	2105	2003	697	800	1200	148,7	141,1	
RTA-47-A82-CAX-A1	2194	2092	697	800	1200	152,6	145,0	

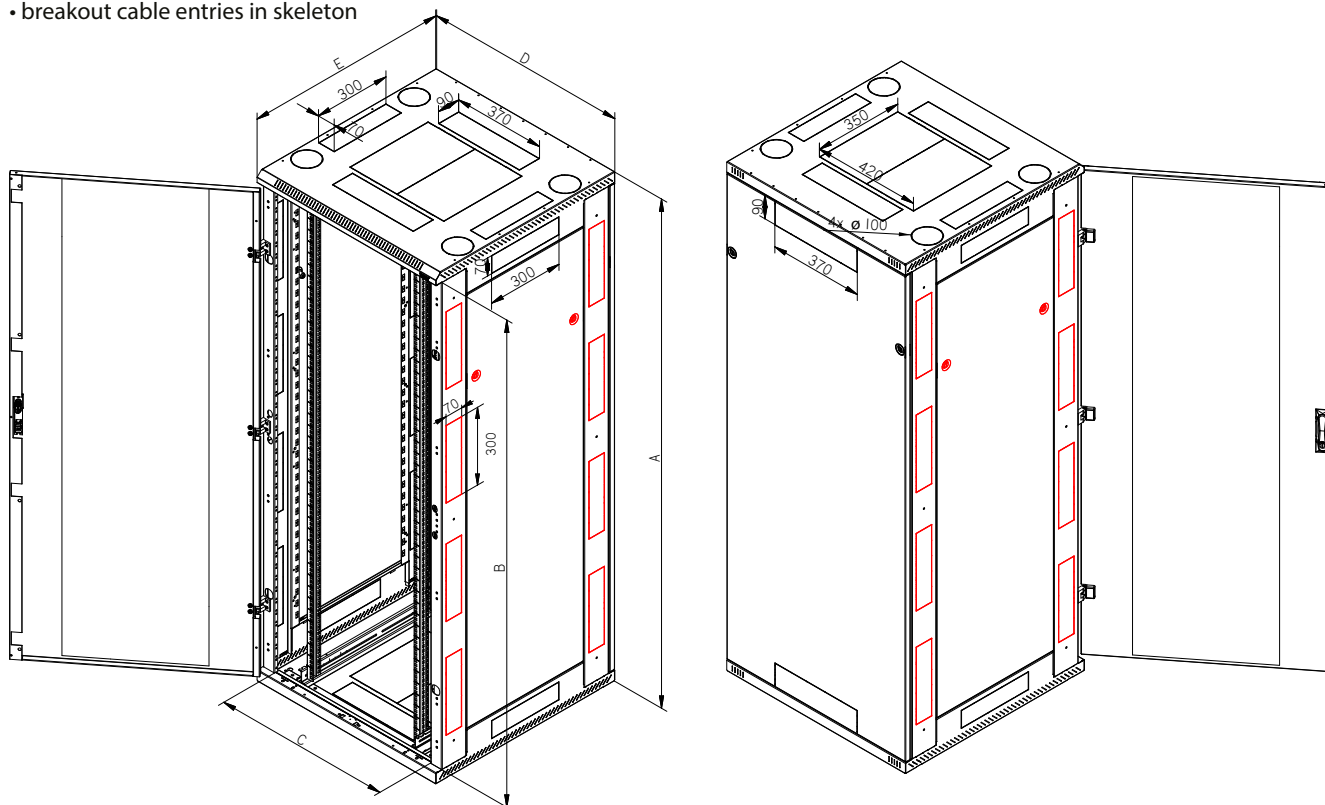
## Variant A1

- with metal bottom,
- base, levelling feet and castors possible,
- side panels fixed by locks



## Variant A5

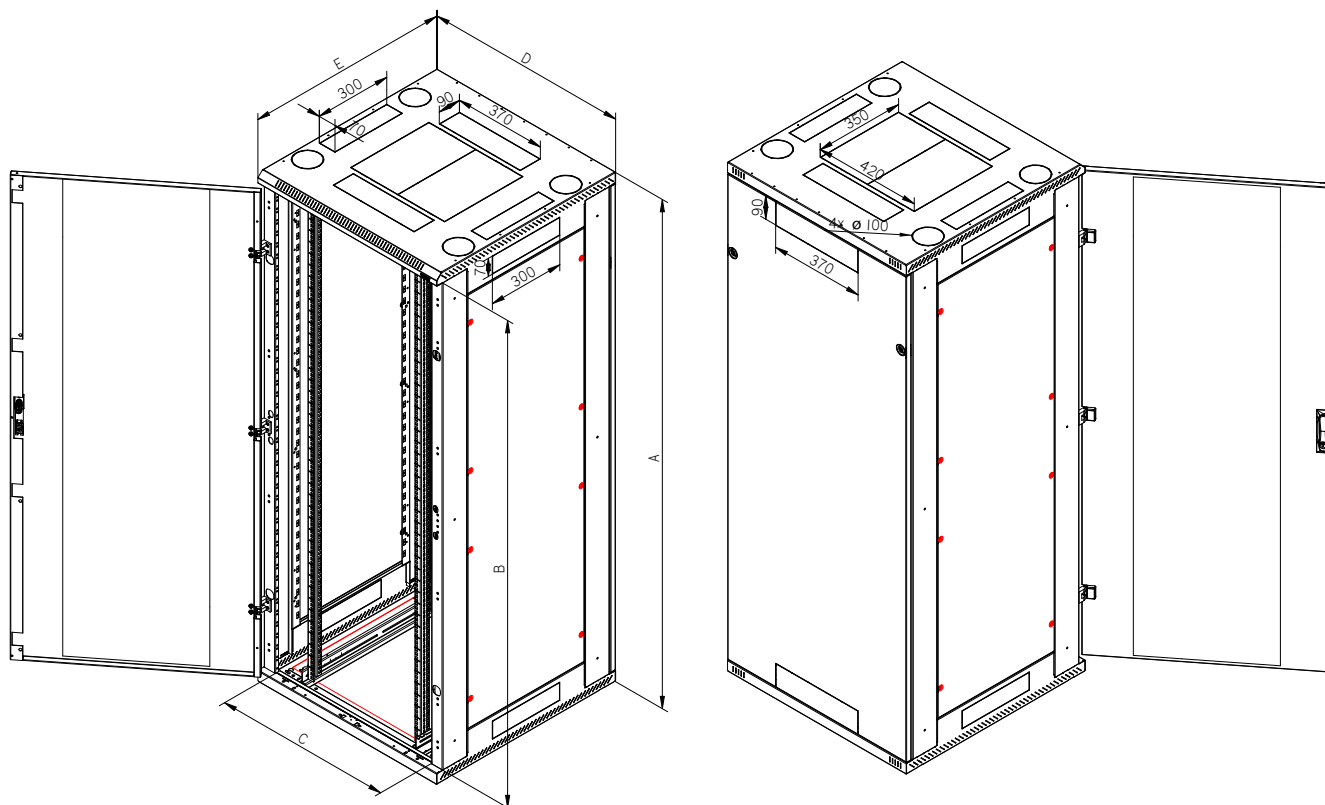
- with metal bottom
- base, levelling feet and castors possible
- side panels fixed by locks
- breakout cable entries in skeleton





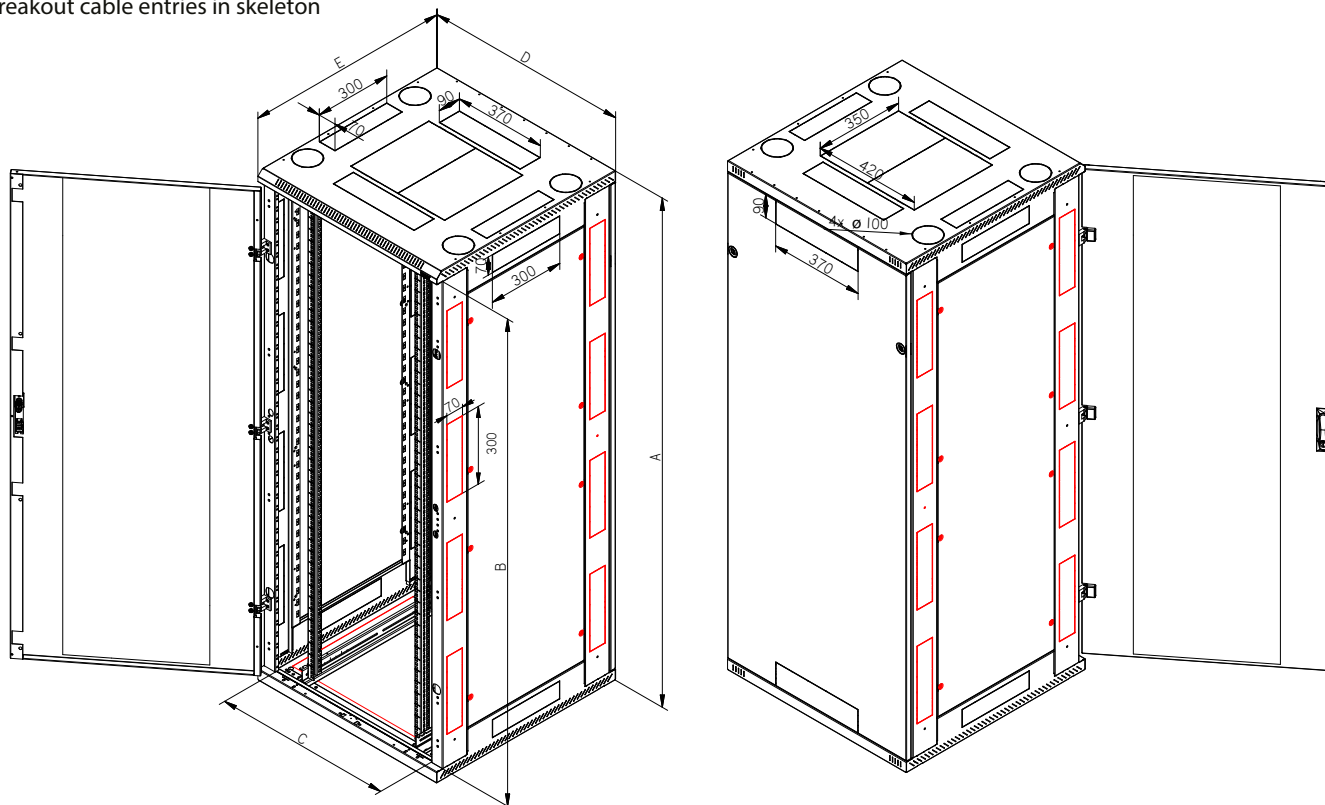
## Variant A3 for data centers

- without metal bottom
- base, levelling feet and castors possible
- side panels fixed by recessed screws from the outside (from inside possible on request)



## Variant A7 for data centers

- without metal bottom
- base, levelling feet and castors possible
- side panels fixed by recessed screws from the outside (from inside possible on request)
- breakout cable entries in skeleton



# RTA free-standing cabinet

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

## PRODUCT DETAILS

### Rigid construction

The RTA has a robust welded construction, which is made completely of 1.3 mm thick material. High quality workmanship and the latest technology ensure excellent design of the cabinet.

### 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

RTA is a cabinet with welded skeleton, removable side panels and rear cover. The covers are attached to the skeleton by locks, as a standard with uniform key (variants A1 and A5). Variants A3 and A7 have panels secured with safety countersunk screws.

### 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 RTA 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 used for mounting certain types of accessories.

### Skeleton rails on -A5 and -A7 versions

The "A5" and "A7" versions (at the end of the cabinet code) have in skeleton rails the cable entries with break-out covers to allow patch cords to be routed between the adjacent cabinets.

## 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).

### Swing frame

All 800 mm wide RTA 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.

### Increase in load capacity from 1200 kg to 1500 kg

Reinforcing element of the vertical rails RAX-VR-Txx-X2. Closed profile made of 1 mm thick material (4 pieces). It increases the load capacity of the cabinet up to 1500 kg.

## 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,
  - 800 mm wide cabinets have round cable entries with break-out covers in the corners of the ceiling.
- 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 "A5" and "A7" versions have in skeleton rails the cable entries with break-out covers to allow patch cords to be routed between the adjacent cabinets.
- The maximum recommended static load of the cabinet is 1200 kg using levelling feet or a base, or 1500 kg with the RAX-VR-Txx-X2 reinforcement kit.

## 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-X47-X1 castor set for direct mounting on the cabinet (the height of the cabinet is increased by 155 mm), the maximum total load capacity must be observed including the weight of the cabinet:
  - 500 kg for type RTA, RYA, RDA, RDE 600 mm wide,
  - 600 kg for type RTA, RYA, RDA, RDE 800 mm wide.
- When using the RAX-RK-Dxx-X1 castor set with reinforcing frame (RAX-MS-X47-X1 castors included), the maximum total load capacity is 1050 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.
- When using the RAX-RK-Txx-X1 castor set with reinforcing frame, the maximum total load capacity is 1500 kg including the weight of the cabinet\*\*. The height of the cabinet is increased by 143 mm. The specified load capacity is valid for both 600 and 800 mm cabinet widths.
- When using the RAX-RK-Hxx-X1 castor set with reinforcing frame, the maximum total load capacity is 1600 kg including the weight of the cabinet\*\*. The height of the cabinet is increased by 168 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 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](http://www.triton-racks.com/certificates).

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\* 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.





# RYA

Assembled cabinet easily demountable, IP20,  
loading capacity 1200/1500 kg



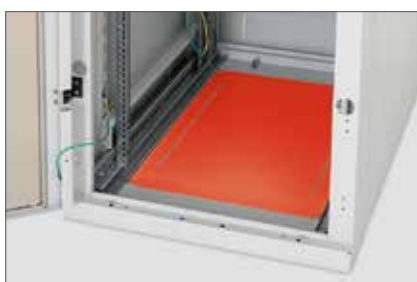
■ **Vertical rails fixation**  
in the cabinet 600 mm wide.



■ **Installing of the skeleton**  
by load-bearing elements and screws.



■ **TRITON handle**  
Just by replacing the plastic inlet  
(is not part of supply) you can choose  
classic or half-cylindrical lock.  
Patent: PUV 2013-27443



■ **RAC-ZP-Yxx-X1**  
Bottom blanking panel  
(optional accessory).



■ **RAC-VP-D5x-X1**  
Accessory - horizontal cable  
management (optional accessory).



■ **RAX-VP-Vxx-X2**  
Accessory - vertical cable management  
in skeleton (optional accessory).



■ **Power distribution units**  
integrated holder of PDU in every corner  
(in combination with optional accessory)







#### ■ Fringe edge

Protects cables from damage. 1m in supply.



#### ■ Perforated skeleton rails

Square perforation for the captive nuts alongside whole height of the rail in the unit span allows additional accessory installation.



#### ■ Marking of units

Installation units are marked by laser on the vertical rails for convenience.



#### ■ Flex frame

The system allows for 800 mm wide cabinets install vertical installation rails in the span of 19", 21" and 23".



#### ■ Bonding

All detachable parts are bonded in accordance to appropriate standard.



#### ■ Break-out cable entries

on side edges of roof cover.



#### ■ Enlarged skeleton rails

Allow installation of accessories - PDU, cable and patch cord management etc.



#### ■ Installation of cables

mounting without pulling of the cables.





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.

For enclosures with a load of more than 500 kg, we recommend install a set of cable management / strengthening bars, which also act as reinforcement.



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 rails,
- when taxiing with a 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-X47-X1

**RAX-MS-X47-X1**

Direct mounting castors set.

**Max. recommended load capacity\*:**

- 500 kg for type RDA, RDE, RIE, RTA, **RYA**, 600 mm wide,
- 600 kg for type RDA, RDE, RIE, RTA, **RYA**, 800 mm wide,
- 900 kg for type RSX (XD), RSX-F.

The height of the cabinet is increased by 155 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-T88-X1

Cabinet depth (mm)	Cabinet width (mm)	
	600	800
600	RAX-RK-T66-X1	RAX-RK-T86-X1
800	RAX-RK-T68-X1	RAX-RK-T88-X1
900	RAX-RK-T69-X1	RAX-RK-T89-X1
1000	RAX-RK-T61-X1	RAX-RK-T81-X1
1100	RAX-RK-T60-X1	RAX-RK-T80-X1
1200	RAX-RK-T62-X1	RAX-RK-T82-X1

**RAX-RK-Txx-X1**

Castors with reinforcing frame.

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

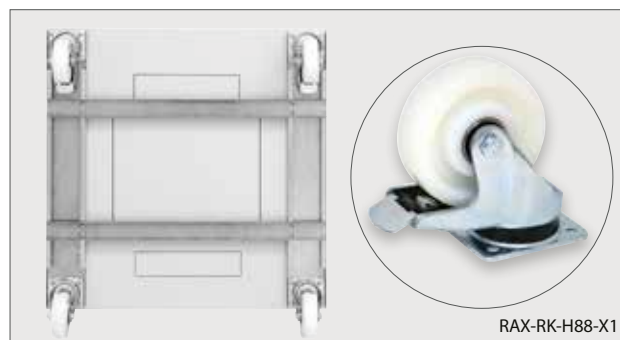
**Max. recommended load capacity\*:**

- 1500 kg for type RTA, **RYA**, RDA, RDE.

The height of the cabinet is increased by 143 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-H88-X1

Cabinet depth (mm)	Cabinet width (mm)	
	600	800
600	RAX-RK-H66-X1	RAX-RK-H86-X1
800	RAX-RK-H68-X1	RAX-RK-H88-X1
900	RAX-RK-H69-X1	RAX-RK-H89-X1
1000	RAX-RK-H61-X1	RAX-RK-H81-X1
1100	RAX-RK-H60-X1	RAX-RK-H80-X1
1200	RAX-RK-H62-X1	RAX-RK-H82-X1

**RAX-RK-Hxx-X1**

Castors with reinforcing frame

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

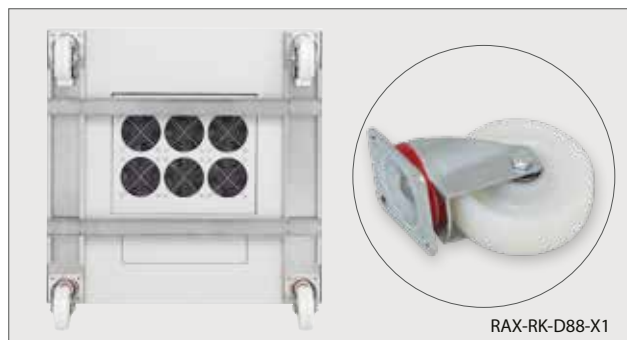
**Max. recommended load capacity:**

- 1600 kg for type RTA, **RYA**,
- 1900 kg for type RDA, RDE.

The height of the cabinet is increased by 168 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

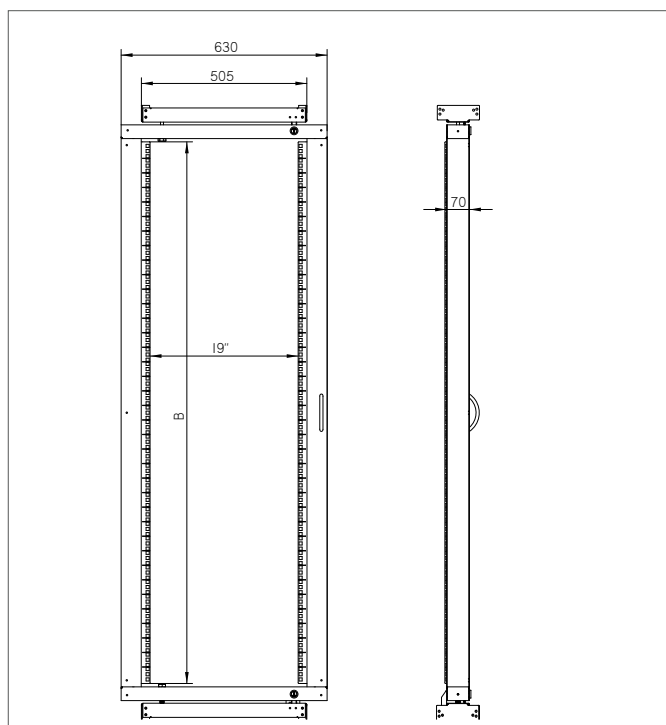
## Swing frame

■ 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





# Increase in load capacity from 1200 to 1500 kg for 800 mm wide cabinets



**■ Vertical rails strengthening member**  
 Additional profile that increase vertical rails stability (4 pcs). It increase cabinet max. load to 1500 kg.



RYA



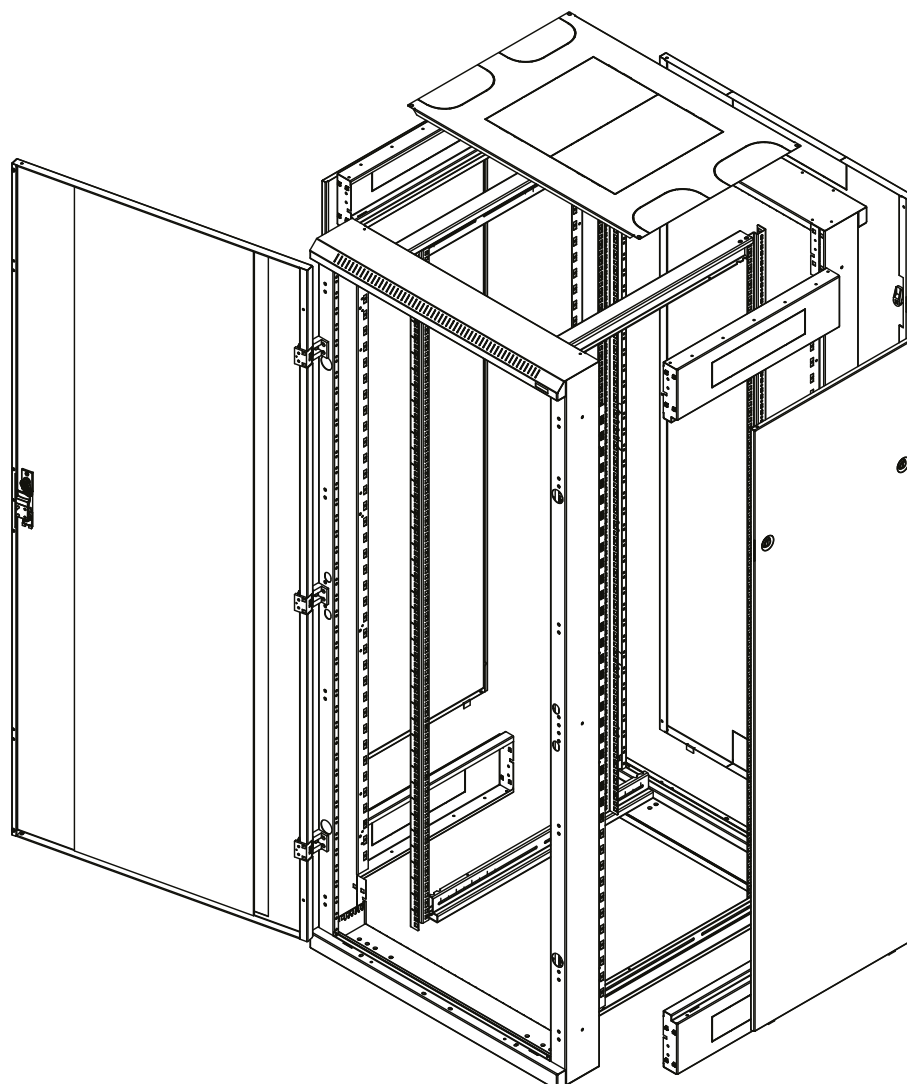
19" rail strength member for 800 mm cabinet			
Type	Cabinet height in units	Weight gross (kg)	Weight net (kg)
RAX-VR-T15-X2	15	1.84	1.74
RAX-VR-T18-X2	18	2.24	2.14
RAX-VR-T22-X2	22	2.89	2.79
RAX-VR-T27-X2	27	3.64	3.54
RAX-VR-T32-X2	32	4.39	4.29
RAX-VR-T37-X2	37	5.13	5.03
RAX-VR-T42-X2	42	5.9	5.8
RAX-VR-T45-X2	45	6.34	6.24
RAX-VR-T47-X2	47	6.63	6.53

**RYA 600 x 600**

Type	A	B	C	D	E	Weight gross (kg)	Weight net (kg)	Maximal recommended load (with legs or base)
	(mm)							
RYA-15-A66-CAX-A1	770	668	497	600	600	50,2	45,1	1200 kg
RYA-18-A66-CAX-A1	900	798	497	600	600	54,6	49,4	
RYA-22-A66-CAX-A1	1080	978	497	600	600	60,1	54,9	
RYA-27-A66-CAX-A1	1300	1198	497	600	600	67,5	62,1	
RYA-32-A66-CAX-A1	1525	1423	497	600	600	74,9	69,5	
RYA-37-A66-CAX-A1	1750	1648	497	600	600	82,4	76,9	
RYA-42-A66-CAX-A1	1970	1868	497	600	600	90,2	84,7	
RYA-45-A66-CAX-A1	2105	2003	497	600	600	94,1	88,5	
RYA-47-A66-CAX-A1	2194	2092	497	600	600	96,8	91,2	

**RYA 600 x 800**

Type	A	B	C	D	E	Weight gross (kg)	Weight net (kg)	Maximal recommended load (with legs or base)
	(mm)							
RYA-15-A68-CAX-A1	770	668	497	600	800	58,2	52,8	1200 kg
RYA-18-A68-CAX-A1	900	798	497	600	800	63,0	57,5	
RYA-22-A68-CAX-A1	1080	978	497	600	800	69,2	63,7	
RYA-27-A68-CAX-A1	1300	1198	497	600	800	76,9	71,3	
RYA-32-A68-CAX-A1	1525	1423	497	600	800	85,1	79,4	
RYA-37-A68-CAX-A1	1750	1648	497	600	800	93,4	87,5	
RYA-42-A68-CAX-A1	1970	1868	497	600	800	102,2	96,3	
RYA-45-A68-CAX-A1	2105	2003	497	600	800	106,2	100,3	
RYA-47-A68-CAX-A1	2194	2092	497	600	800	109,2	103,3	



**RYA 600 x 900**

Type	A	B	C	D	E	Weight gross (kg)	Weight net (kg)	Maximal recommended load <i>(with legs or base)</i>
	(mm)							
RYA-15-A69-CAX-A1	770	668	497	600	900	62,5	56,9	1200 kg
RYA-18-A69-CAX-A1	900	798	497	600	900	66,7	61,1	
RYA-22-A69-CAX-A1	1080	978	497	600	900	73,2	67,6	
RYA-27-A69-CAX-A1	1300	1198	497	600	900	81,6	75,9	
RYA-32-A69-CAX-A1	1525	1423	497	600	900	90,2	84,4	
RYA-37-A69-CAX-A1	1750	1648	497	600	900	98,9	92,9	
RYA-42-A69-CAX-A1	1970	1868	497	600	900	107,1	101,1	
RYA-45-A69-CAX-A1	2105	2003	497	600	900	112,3	106,3	
RYA-47-A69-CAX-A1	2194	2092	497	600	900	115,5	109,5	

**RYA 600 x 1000**

Type	A	B	C	D	E	Weight gross (kg)	Weight net (kg)	Maximal recommended load (with legs or base)
	(mm)							
RYA-15-A61-CAX-A1	770	668	497	600	1000	65,5	59,8	1200 kg
RYA-18-A61-CAX-A1	900	798	497	600	1000	70,7	65,0	
RYA-22-A61-CAX-A1	1080	978	497	600	1000	77,5	71,7	
RYA-27-A61-CAX-A1	1300	1198	497	600	1000	86,3	80,3	
RYA-32-A61-CAX-A1	1525	1423	497	600	1000	95,2	89,2	
RYA-37-A61-CAX-A1	1750	1648	497	600	1000	104,2	98,0	
RYA-42-A61-CAX-A1	1970	1868	497	600	1000	113,5	107,3	
RYA-45-A61-CAX-A1	2105	2003	497	600	1000	118,2	112,0	
RYA-47-A61-CAX-A1	2194	2092	497	600	1000	121,5	115,3	

**RYA 600 x 1100**

Type	A	B	C	D	E	Weight gross (kg)	Weight net (kg)	Maximal recommended load (with legs or base)
	(mm)							
RYA-15-A60-CAX-A1	770	668	497	600	1100	70,4	63,7	1200 kg
RYA-18-A60-CAX-A1	900	798	497	600	1100	75,4	68,8	
RYA-22-A60-CAX-A1	1080	978	497	600	1100	82,6	75,9	
RYA-27-A60-CAX-A1	1300	1198	497	600	1100	91,7	84,9	
RYA-32-A60-CAX-A1	1525	1423	497	600	1100	101,0	94,2	
RYA-37-A60-CAX-A1	1750	1648	497	600	1100	110,5	103,4	
RYA-42-A60-CAX-A1	1970	1868	497	600	1100	119,6	112,5	
RYA-45-A60-CAX-A1	2105	2003	497	600	1100	125,1	118,0	
RYA-47-A60-CAX-A1	2194	2092	497	600	1100	128,6	121,5	

**RYA 600 x 1200**

Type	A	B	C	D	E	Weight gross (kg)	Weight net (kg)	Maximal recommended load <i>(with legs or base)</i>
	(mm)							
RYA-15-A62-CAX-A1	770	668	497	600	1200	74,0	67,1	1200 kg
RYA-18-A62-CAX-A1	900	798	497	600	1200	79,6	72,7	
RYA-22-A62-CAX-A1	1080	978	497	600	1200	87,0	80,0	
RYA-27-A62-CAX-A1	1300	1198	497	600	1200	96,5	89,4	
RYA-32-A62-CAX-A1	1525	1423	497	600	1200	106,1	98,9	
RYA-37-A62-CAX-A1	1750	1648	497	600	1200	115,9	108,6	
RYA-42-A62-CAX-A1	1970	1868	497	600	1200	125,9	118,5	
RYA-45-A62-CAX-A1	2105	2003	497	600	1200	131,1	123,7	
RYA-47-A62-CAX-A1	2194	2092	497	600	1200	134,7	127,3	

**RYA 800 x 600**

Type	A	B	C	D	E	Weight gross (kg)	Weight net (kg)	Maximal recommended load <i>(with legs or base)</i>
	(mm)							
RYA-15-A86-CAX-A1	770	668	697	800	600	56,9	51,3	1200/1500 kg with the use of reinforcing accessories RAX-VR-Txx-X2 on vertical rails
RYA-18-A86-CAX-A1	900	798	697	800	600	61,7	56,0	
RYA-22-A86-CAX-A1	1080	978	697	800	600	67,8	62,2	
RYA-27-A86-CAX-A1	1300	1198	697	800	600	82,5	76,7	
RYA-32-A86-CAX-A1	1525	1423	697	800	600	84,1	78,2	
RYA-37-A86-CAX-A1	1750	1648	697	800	600	92,4	86,3	
RYA-42-A86-CAX-A1	1970	1868	697	800	600	101,0	94,8	
RYA-45-A86-CAX-A1	2105	2003	697	800	600	104,5	98,3	
RYA-47-A86-CAX-A1	2194	2092	697	800	600	108,4	102,1	

**RYA 800 x 800**

Type	A	B	C	D	E	Weight gross (kg)	Weight net (kg)	Maximal recommended load <i>(with legs or base)</i>
	(mm)							
RYA-15-A88-CAX-A1	770	668	697	800	800	65,3	59,0	1200/1500 kg with the use of reinforcing accessories RAX-VR-Txx-X2 on vertical rails
RYA-18-A88-CAX-A1	900	798	697	800	800	70,6	64,2	
RYA-22-A88-CAX-A1	1080	978	697	800	800	77,4	71,0	
RYA-27-A88-CAX-A1	1300	1198	697	800	800	92,7	86,1	
RYA-32-A88-CAX-A1	1525	1423	697	800	800	95,0	88,4	
RYA-37-A88-CAX-A1	1750	1648	697	800	800	104,1	97,3	
RYA-42-A88-CAX-A1	1970	1868	697	800	800	109,7	102,8	
RYA-45-A88-CAX-A1	2105	2003	697	800	800	117,4	110,4	
RYA-47-A88-CAX-A1	2194	2092	697	800	800	115,6	108,6	

**RYA 800 x 900**

Type	A	B	C	D	E	Weight gross (kg)	Weight net (kg)	Maximal recommended load <i>(with legs or base)</i>
	(mm)							
RYA-15-A89-CAX-A1	770	668	697	800	900	69,2	62,2	1200/1500 kg with the use of reinforcing accessories RAX-VR-Txx-X2 on vertical rails
RYA-18-A89-CAX-A1	900	798	697	800	900	74,6	67,6	
RYA-22-A89-CAX-A1	1080	978	697	800	900	81,7	74,7	
RYA-27-A89-CAX-A1	1300	1198	697	800	900	90,9	83,7	
RYA-32-A89-CAX-A1	1525	1423	697	800	900	100,2	92,9	
RYA-37-A89-CAX-A1	1750	1648	697	800	900	109,7	102,2	
RYA-42-A89-CAX-A1	1970	1868	697	800	900	118,8	111,2	
RYA-45-A89-CAX-A1	2105	2003	697	800	900	123,6	116,0	
RYA-47-A89-CAX-A1	2194	2092	697	800	900	127,9	120,3	

**RYA 800 x 1000**

Type	A	B	C	D	E	Weight gross (kg)	Weight net (kg)	Maximal recommended load <i>(with legs or base)</i>
	(mm)							
RYA-15-A81-CAX-A1	770	668	697	800	1000	75,7	68,5	1200/1500 kg with the use of reinforcing accessories RAX-VR-Txx-X2 on vertical rails
RYA-18-A81-CAX-A1	900	798	697	800	1000	81,3	74,1	
RYA-22-A81-CAX-A1	1080	978	697	800	1000	88,7	81,4	
RYA-27-A81-CAX-A1	1300	1198	697	800	1000	104,8	97,4	
RYA-32-A81-CAX-A1	1525	1423	697	800	1000	107,8	100,4	
RYA-37-A81-CAX-A1	1750	1648	697	800	1000	117,6	110,0	
RYA-42-A81-CAX-A1	1970	1868	697	800	1000	127,7	120,0	
RYA-45-A81-CAX-A1	2105	2003	697	800	1000	132,1	124,3	
RYA-47-A81-CAX-A1	2194	2092	697	800	1000	136,5	128,7	

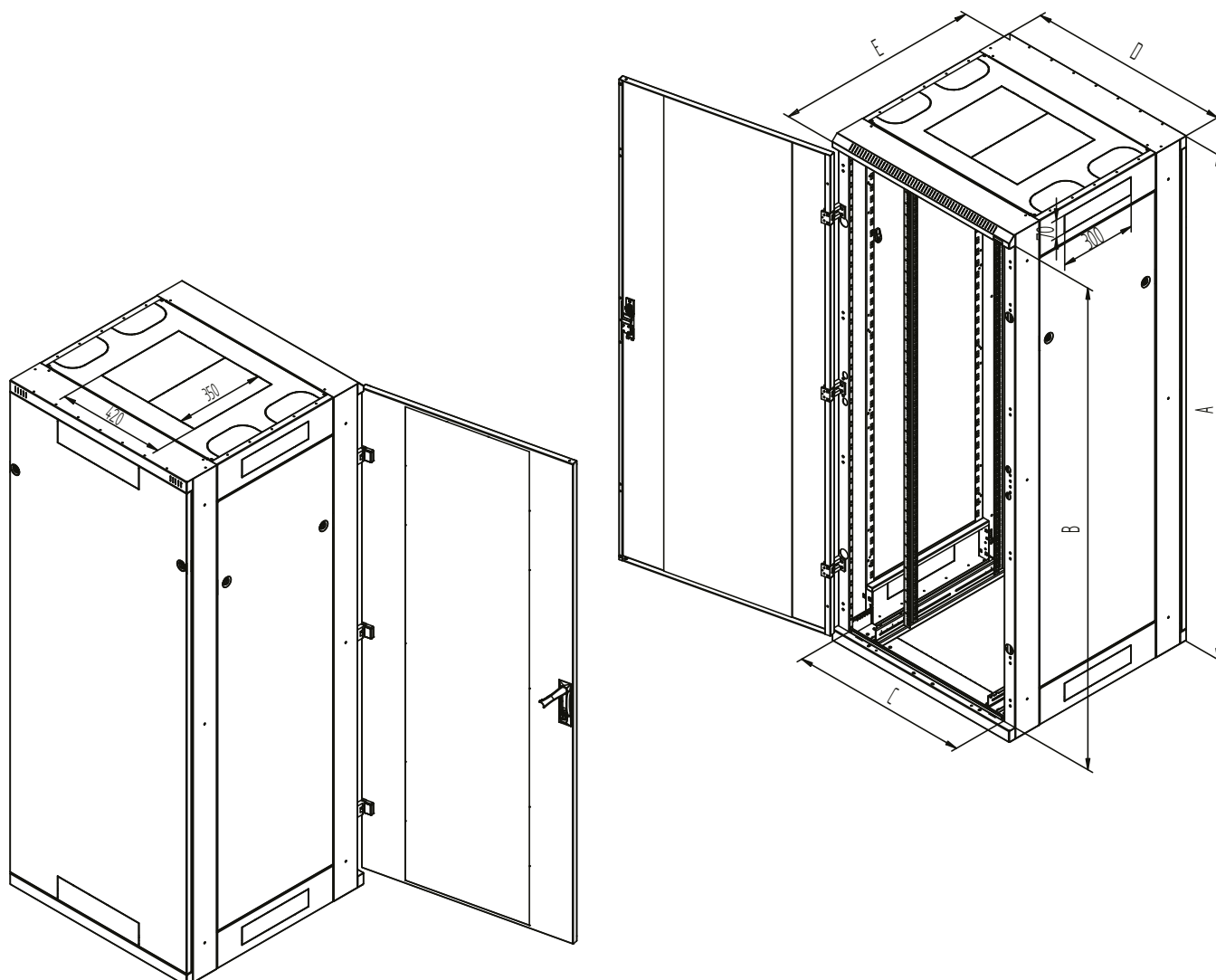


**RYA 800 x 1100**

Type	A	B	C	D	E	Weight gross (kg)	Weight net (kg)	Maximal recommended load (with legs or base)
	(mm)							
RYA-15-A80-CAX-A1	770	668	697	800	1100	79,5	72,6	1200/1500 kg with the use of reinforcing accessories RAX-VR-Txx-X2 on vertical rails
RYA-18-A80-CAX-A1	900	798	697	800	1100	85,1	78,1	
RYA-22-A80-CAX-A1	1080	978	697	800	1100	92,8	85,8	
RYA-27-A80-CAX-A1	1300	1198	697	800	1100	102,7	95,6	
RYA-32-A80-CAX-A1	1525	1423	697	800	1100	112,7	105,5	
RYA-37-A80-CAX-A1	1750	1648	697	800	1100	122,9	115,6	
RYA-42-A80-CAX-A1	1970	1868	697	800	1100	132,8	125,3	
RYA-45-A80-CAX-A1	2105	2003	697	800	1100	138,0	130,5	
RYA-47-A80-CAX-A1	2194	2092	697	800	1100	142,6	135,0	

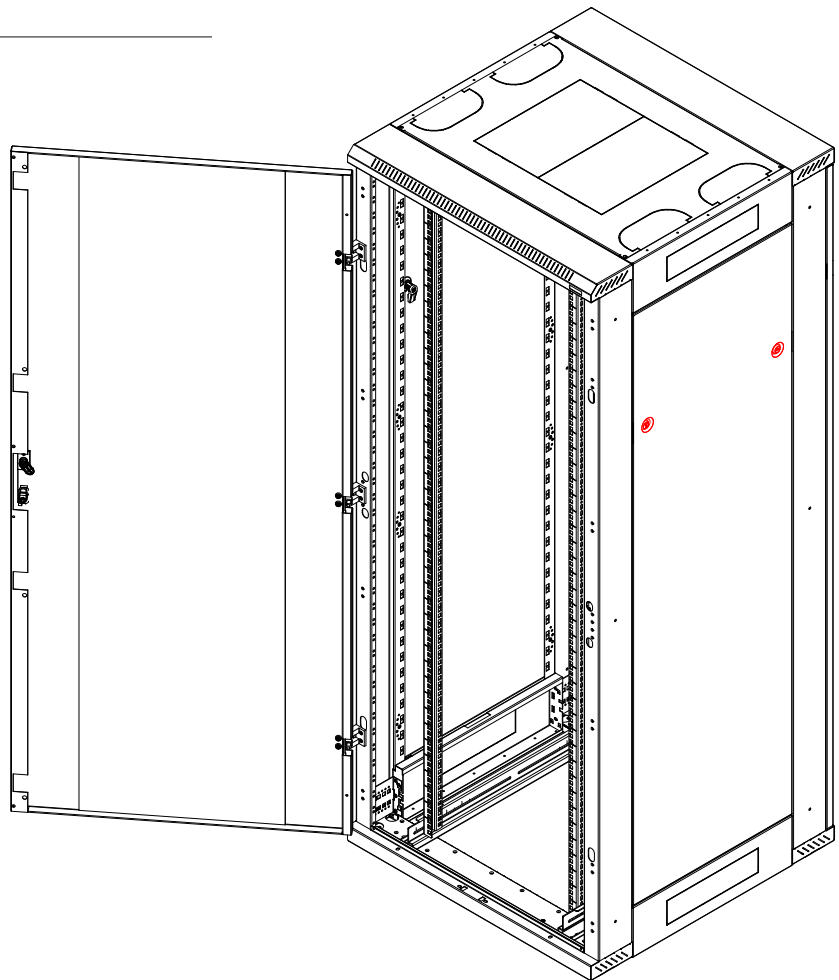
**RYA 800 x 1200**

Type	A	B	C	D	E	Weight gross (kg)	Weight net (kg)	Maximal recommended load (with legs or base)
	(mm)							
RYA-15-A82-CAX-A1	770	668	697	800	1200	83,1	76,1	1200/1500 kg with the use of reinforcing accessories RAX-VR-Txx-X2 on vertical rails
RYA-18-A82-CAX-A1	900	798	697	800	1200	89,2	82,2	
RYA-22-A82-CAX-A1	1080	978	697	800	1200	97,1	90,1	
RYA-27-A82-CAX-A1	1300	1198	697	800	1200	107,5	100,2	
RYA-32-A82-CAX-A1	1525	1423	697	800	1200	117,8	110,5	
RYA-37-A82-CAX-A1	1750	1648	697	800	1200	128,3	120,9	
RYA-42-A82-CAX-A1	1970	1868	697	800	1200	139,1	131,5	
RYA-45-A82-CAX-A1	2105	2003	697	800	1200	143,9	136,3	
RYA-47-A82-CAX-A1	2194	2092	697	800	1200	148,7	141,0	



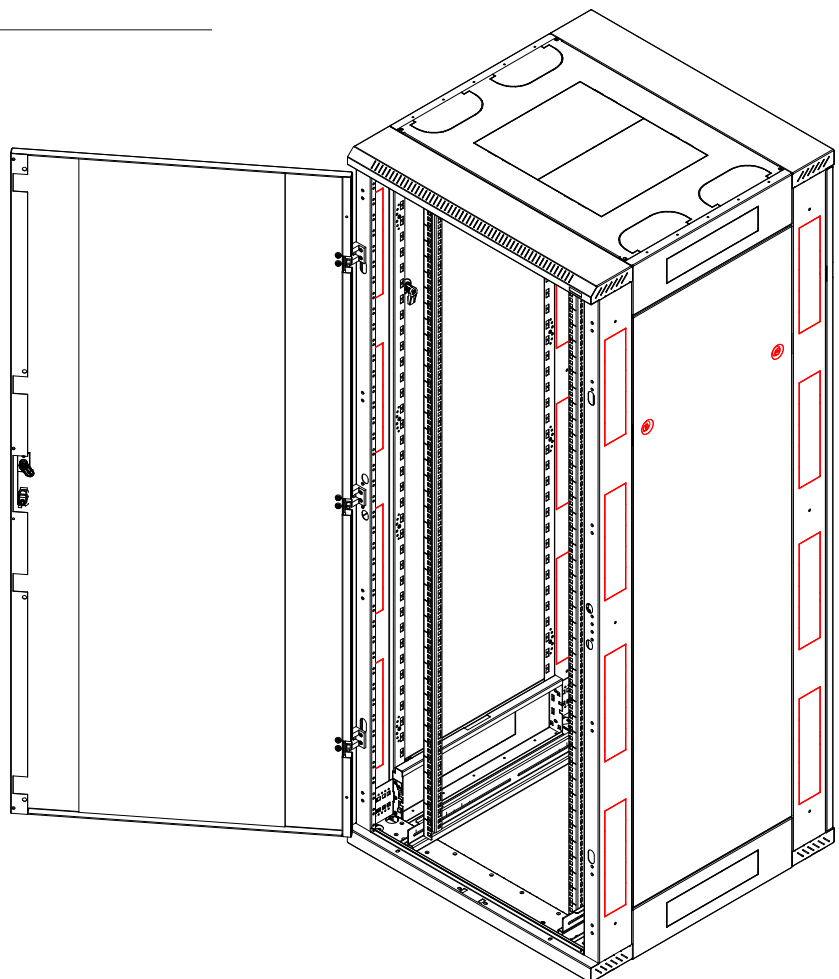
## Variant A1

- with metal bottom,
- base, levelling feet and castors possible,
- side panels fixed by locks



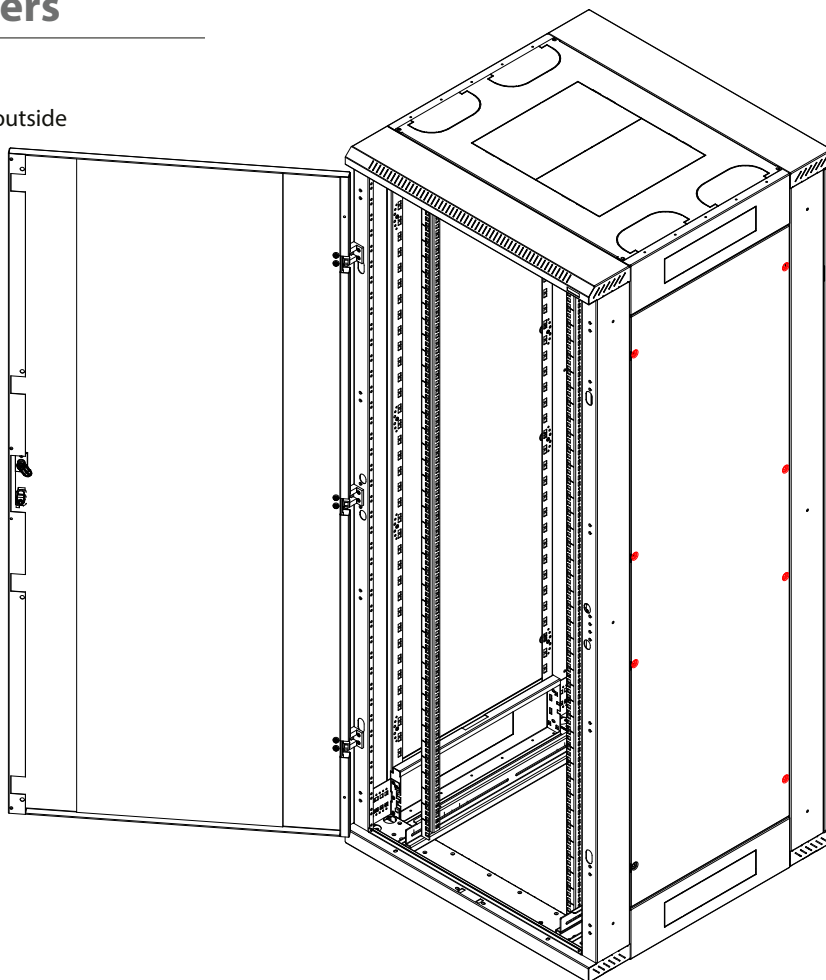
## Variant A5

- with metal bottom
- base, levelling feet and castors possible
- side panels fixed by locks
- breakout cable entries in skeleton



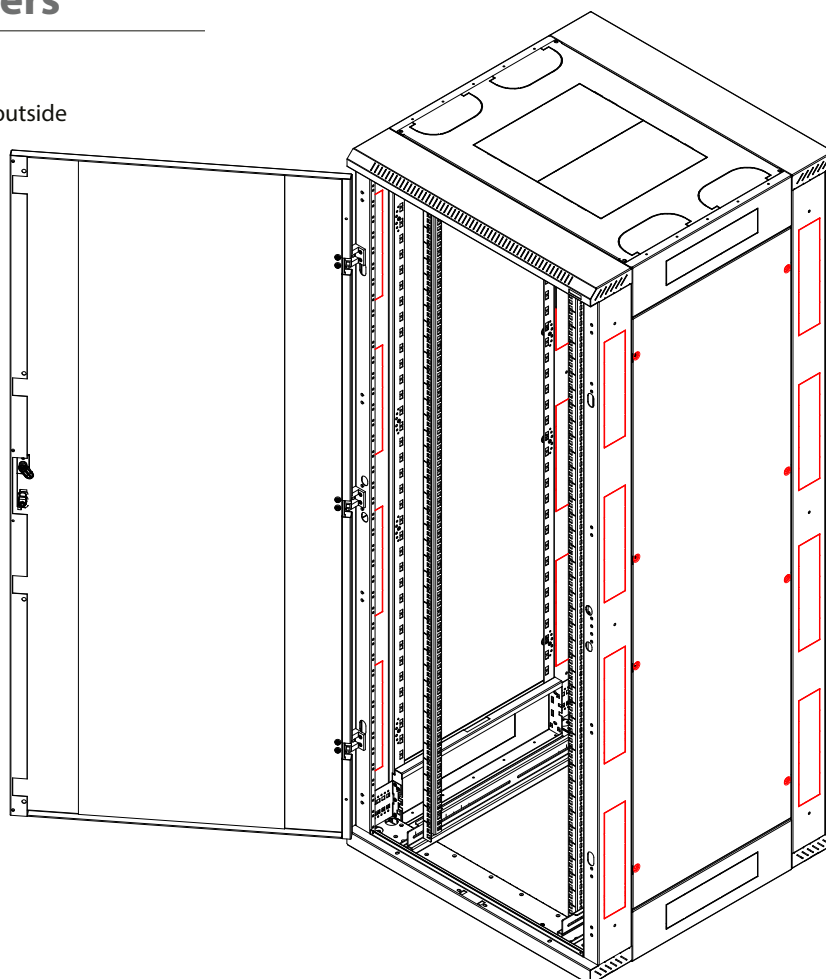
## Variant A3 for data centers

- without metal bottom
- base, levelling feet and castors possible
- side panels fixed by recessed screws from the outside (from inside possible on request)



## Variant A7 for data centers

- without metal bottom
- base, levelling feet and castors possible
- side panels fixed by recessed screws from the outside (from inside possible on request)
- breakout cable entries in skeleton



# Server cabinet RYA

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

The RYA has a robust bolted construction, which is made completely of 1.3 mm thick material. High quality workmanship and the latest technology ensure excellent design of the cabinet.

### Disassemblability

The individual parts of the RYA 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 meets 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

RYA is a cabinet with bolted skeleton, removable side panels and rear cover. The covers are attached to the skeleton by locks, as a standard with uniform key (variants A1 and A5). Variants A3 and A7 have panels secured with safety countersunk screws.

### 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 of the cabinet.

### Perforation of the skeleton

The RYA 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 used for mounting certain types of accessories.

### Skeleton rails on -A5 and -A7 versions

The "A5" and "A7" versions (at the end of the cabinet code) have in skeleton rails the cable entries with break-out covers to allow patch cords to be routed between the adjacent cabinets.

## 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).

### Swing frame

All 800 mm wide RYA 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.

### Increase in load capacity from 1200 kg to 1500 kg

Reinforcing element of the vertical rails RAX-VR-Txx-X2. For cabinets 800 mm wide. Closed profile made of 1 mm thick material (4 pieces). It increases the load capacity of the cabinet up to 1500 kg.

## 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 "A5" and "A7" versions have in skeleton rails the cable entries with break-out covers to allow patch cords to be routed between the adjacent cabinets.
- The maximum recommended static load of the cabinet is 1200 kg using levelling feet or a base, or 1500 kg with the RAX-VR-Txx-X2 reinforcement kit.

## 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-X47-X1 castor set for direct mounting on the cabinet (the height of the cabinet is increased by 155 mm), the maximum total load capacity must be observed including the weight of the cabinet:
  - 500 kg for type RTA, RYA, RDA, RDE 600 mm wide,
  - 600 kg for type RTA, RYA, RDA, RDE 800 mm wide.
- When using the RAX-RK-Dxx-X1 castor set with reinforcing frame (RAX-MS-X47-X1 castors included), the maximum total load capacity is 1050 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.
- When using the RAX-RK-Txx-X1 castor set with reinforcing frame, the maximum total load capacity is 1500 kg including the weight of the cabinet\*\*. The height of the cabinet is increased by 143 mm. The specified load capacity is valid for both 600 and 800 mm cabinet widths.
- When using the RAX-RK-Hxx-X1 castor set with reinforcing frame, the maximum total load capacity is 1600 kg including the weight of the cabinet\*\*. The height of the cabinet is increased by 168 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 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.

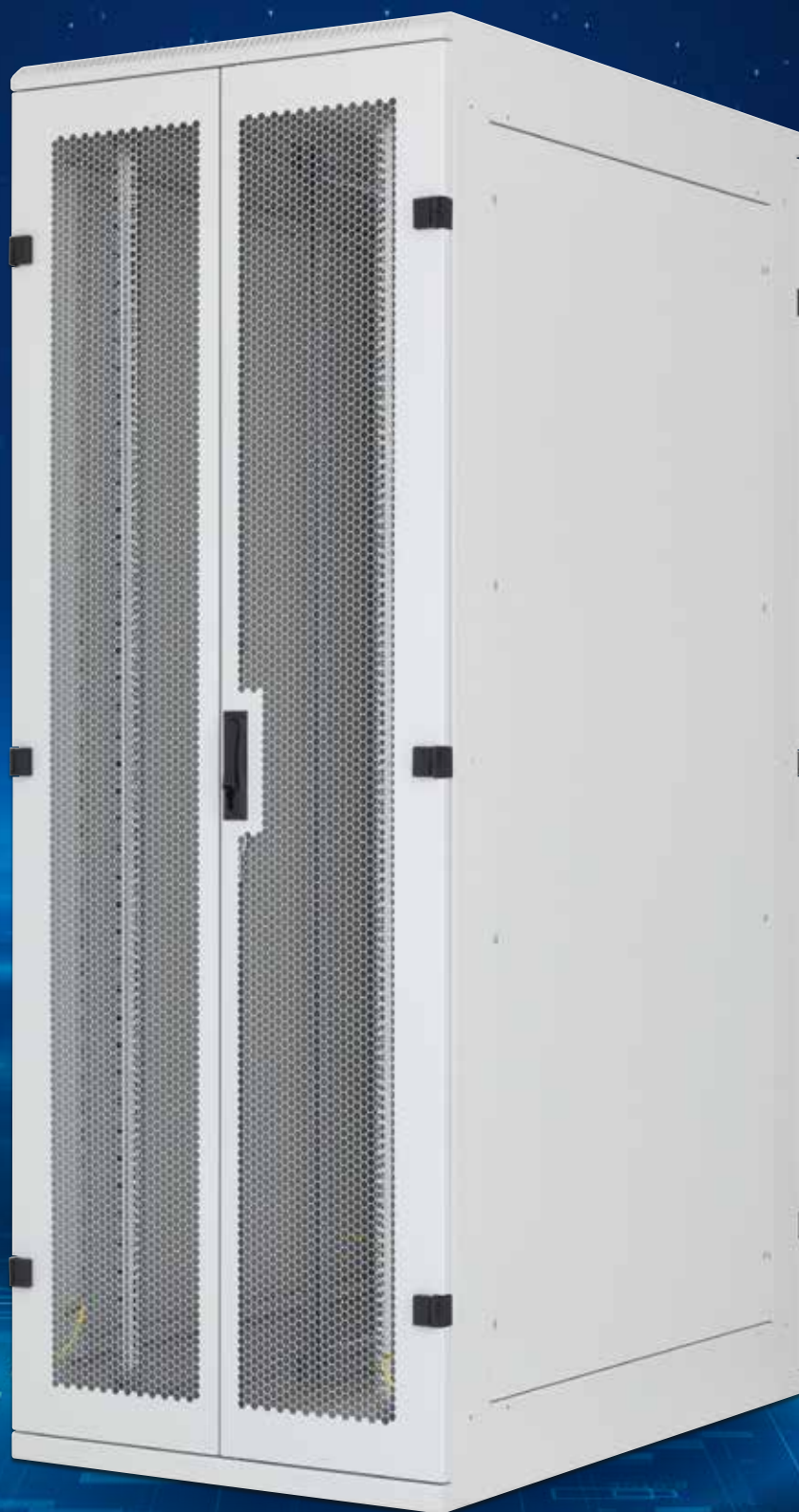
### Certificate and conformity

- 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](http://www.triton-racks.com/certificates).

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\* 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.



## Heavy-duty cabinet **RDA**

Welded server cabinet,  
IP20, capacity 1800 kg



### ■ Loading capacity 1800 kg

The RDA data cabinet has a reinforced construction and it is made of 2mm thick material. Also 19" vertical rails are designed for a higher loading capacity. A version with depth over 800 mm has a central pair of vertical rails as a standard solution.



### ■ Power distribution unit inside of cabinet frame

2U PDU holder (optional accessory) mounted on a wide skeleton strut.



### ■ Cooling air intake (A3, A7)

In the bottom of the cabinet is large opening for cable entry and the cooling air from beneath the raised floor. These models RDA (A3 and A7) are installed directly on the floor without levelling feet.



### ■ 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.



### ■ Skeleton perforation

The RDA 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.



### ■ Wider body rails

Wider rails of the cabinet skeleton are intended for an additional installation of accessories, such as power distribution units or vertical cable management panels, which do not occupy space within the cabinet. Thanks to this smart solution of gripping, it does not block sliding servers even for the 600 mm wide cabinet type.







#### ■ 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

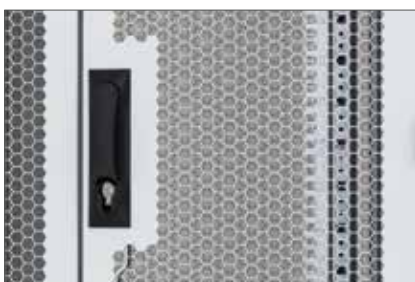
The hinge system allows the door to open 165°. The door can be easily removed and re-mounted to change the direction of opening.



#### ■ Bonding

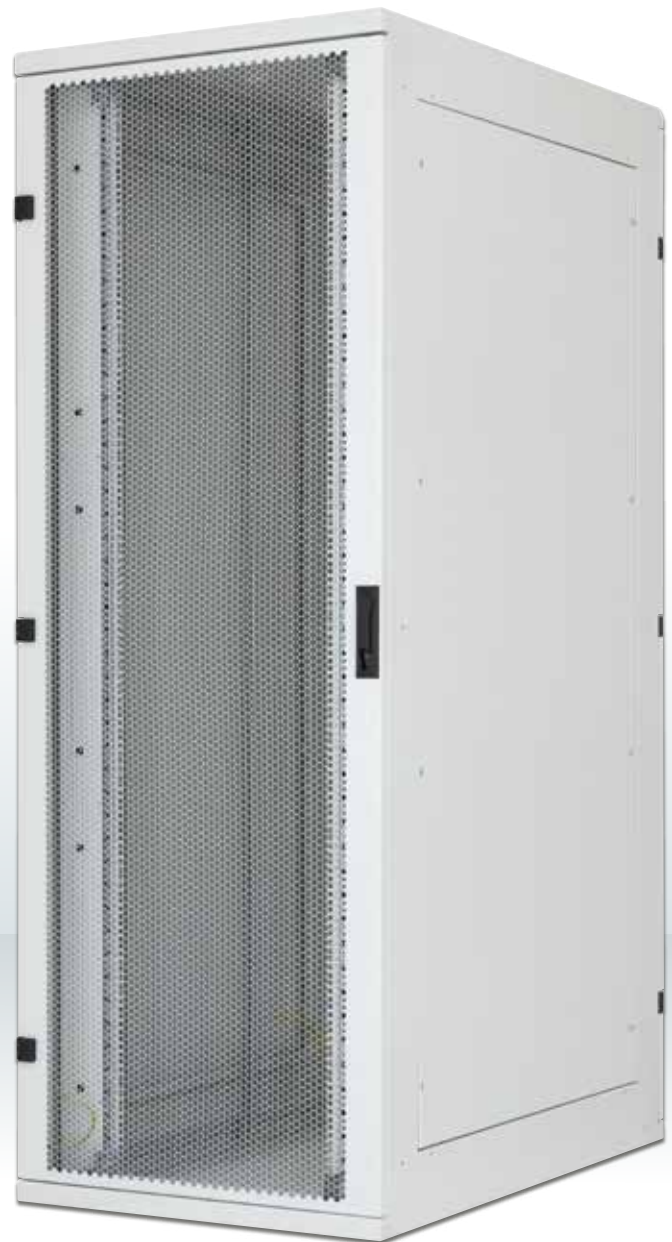
All detachable parts are bonded in compliance with the relevant standards.

**The RDA data cabinet** has a robust welded construction with high load capacity. It is designed for demanding applications data and telecommunications centres. It is usually supplied with a perforated door to provide maximum cooling. It is possible to improve cooling by installing fan units to the ceiling or to the base section of the RDA cabinet. Cable entries above 19" vertical rails are covered with break-out blanking panels and also provide with an easy connection of installed technologies into a larger unit. Slightly different versions ( A3, A7 ) are developed for „Data centers“. The difference is given by screwed side panels, cable entries and hole in the floor of cabinets.



#### ■ Doors

Single or double wing doors in the variants of solid metal, perforated (80% and 86% permeability) or glazed with 4 mm safety tempered glass, which can be on the front and back of the cabinet. In the picture, the door with 86% permeability.



**RDA 600 x 800**

Type	A	B	C	D	E	Weight gross (kg)	Weight net (kg)	Maximal recommended load (with legs or base)
	(mm)							
RDA-37-L68-CAX-Ax-GDA	1750	1648	497	600	800	104,3	96,0	1800 kg
RDA-42-L68-CAX-Ax-GDA	1970	1868	497	600	800	113,3	104,8	
RDA-45-L68-CAX-Ax-GDA	2105	2003	497	600	800	118,8	110,1	
RDA-47-L68-CAX-Ax-GDA	2194	2092	497	600	800	121,6	113,0	

**RDA 600 x 1000**

Type	A	B	C	D	E	Weight gross (kg)	Weight net (kg)	Maximal recommended load (with legs or base)
	(mm)							
RDA-37-L61-CAX-Ax-GDA	1750	1648	497	600	1000	121,8	110,9	1800 kg
RDA-42-L61-CAX-Ax-GDA	1970	1868	497	600	1000	131,7	120,7	
RDA-45-L61-CAX-Ax-GDA	2105	2003	497	600	1000	137,8	126,8	
RDA-47-L61-CAX-Ax-GDA	2194	2092	497	600	1000	141,1	130,1	

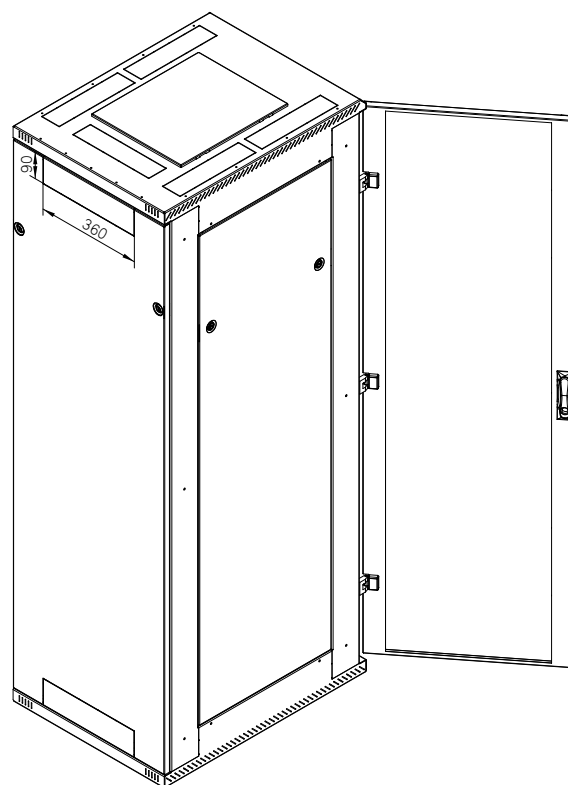
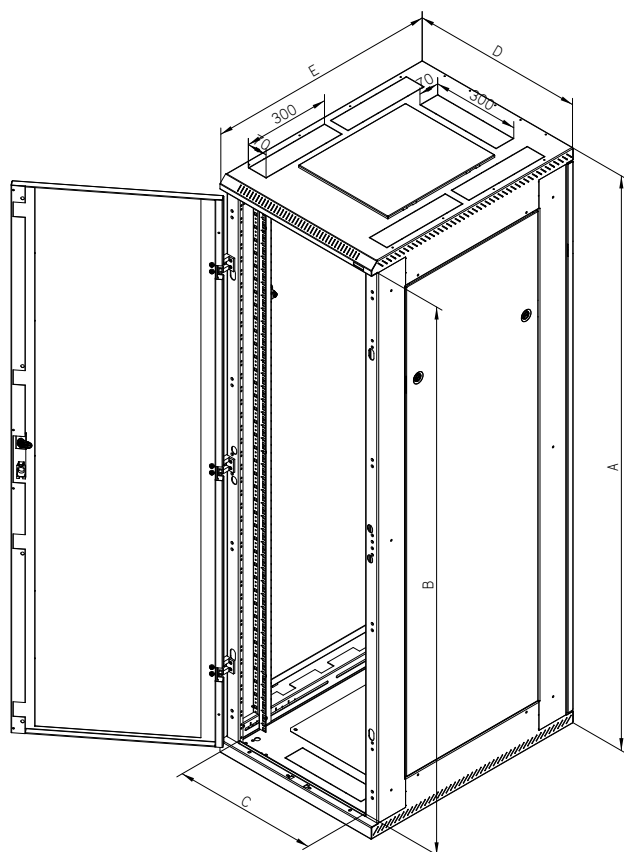
**RDA 600 x 1100**

Type	A	B	C	D	E	Weight gross (kg)	Weight net (kg)	Maximal recommended load (with legs or base)
	(mm)							
RDA-37-L60-CAX-Ax-GDA	1750	1648	497	600	1100	129,8	116,9	1800 kg
RDA-42-L60-CAX-Ax-GDA	1970	1868	497	600	1100	140,1	127,1	
RDA-45-L60-CAX-Ax-GDA	2105	2003	497	600	1100	146,4	133,4	
RDA-47-L60-CAX-Ax-GDA	2194	2092	497	600	1100	149,9	136,8	

**RDA 600 x 1200**

Type	A	B	C	D	E	Weight gross (kg)	Weight net (kg)	Maximal recommended load (with legs or base)
	(mm)							
RDA-37-L62-CAX-Ax-GDA	1750	1648	497	600	1200	133,3	121,1	1800 kg
RDA-42-L62-CAX-Ax-GDA	1970	1868	497	600	1200	145,9	133,6	
RDA-45-L62-CAX-Ax-GDA	2105	2003	497	600	1200	152,4	140,1	
RDA-47-L62-CAX-Ax-GDA	2194	2092	497	600	1200	154,9	142,7	

With exact configuration will help you program on our website [www.triton-racks.com/configurator/](http://www.triton-racks.com/configurator/).



**RDA 800 x 800**

Type	A	B	C	D	E	Weight gross (kg)	Weight net (kg)	Maximal recommended load (with legs or base)
	(mm)							
RDA-37-L88-CAX-Ax-GDA	1750	1648	697	800	800	153,8	139,4	1800 kg
RDA-42-L88-CAX-Ax-GDA	1970	1868	697	800	800	129,9	120,1	
RDA-45-L88-CAX-Ax-GDA	2105	2003	697	800	800	135,5	125,6	
RDA-47-L88-CAX-Ax-GDA	2194	2092	697	800	800	135,5	125,6	

**RDA 800 x 1000**

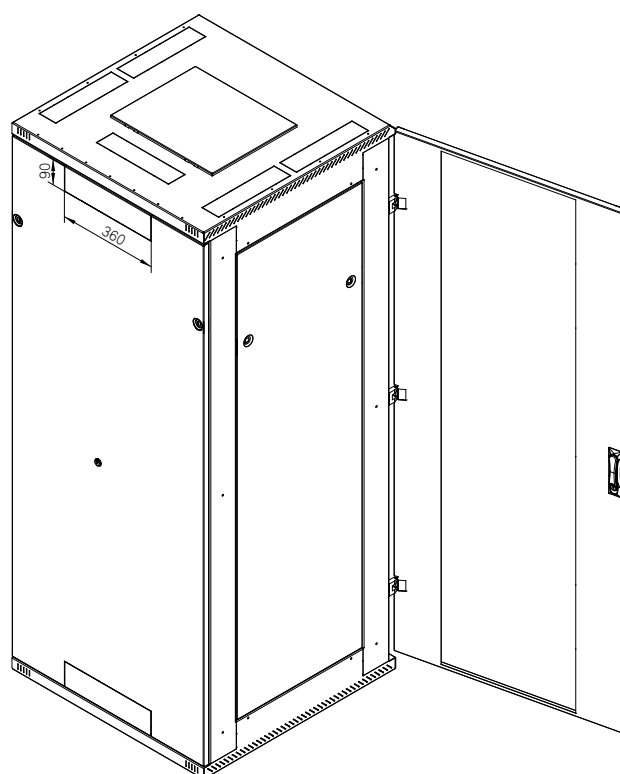
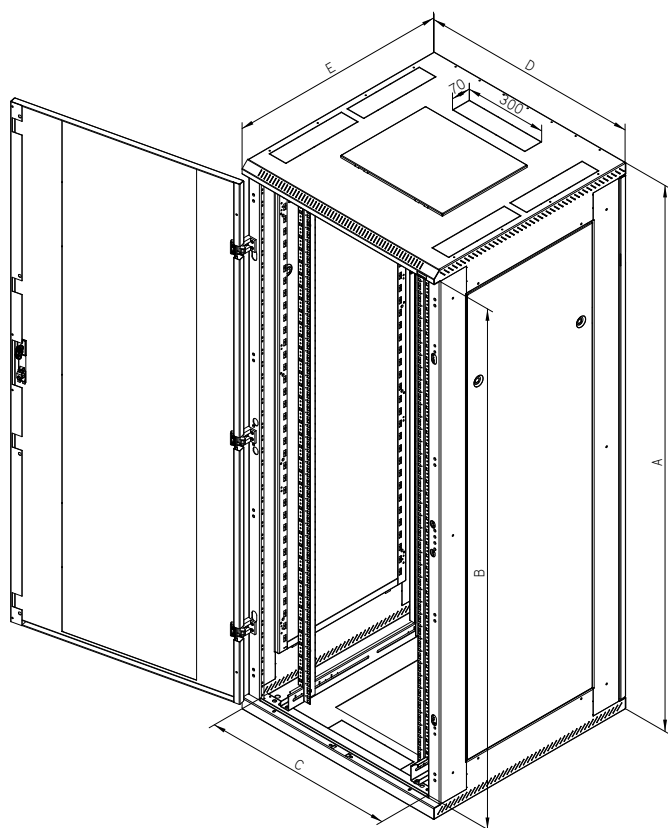
Type	A	B	C	D	E	Weight gross (kg)	Weight net (kg)	Maximal recommended load (with legs or base)
	(mm)							
RDA-37-L81-CAX-Ax-GDA	1750	1648	697	800	1000	138,7	128,7	1800 kg
RDA-42-L81-CAX-Ax-GDA	1970	1868	697	800	1000	141,1	137,6	
RDA-45-L81-CAX-Ax-GDA	2105	2003	697	800	1000	157,5	143,8	
RDA-47-L81-CAX-Ax-GDA	2194	2092	697	800	1000	161,0	147,4	

**RDA 800 x 1100**

Type	A	B	C	D	E	Weight gross (kg)	Weight net (kg)	Maximal recommended load (with legs or base)
	(mm)							
RDA-37-L80-CAX-Ax-GDA	1750	1648	697	800	1100	147,6	134,6	1800 kg
RDA-42-L80-CAX-Ax-GDA	1970	1868	697	800	1100	158,2	145,1	
RDA-45-L80-CAX-Ax-GDA	2105	2003	697	800	1100	164,6	151,6	
RDA-47-L80-CAX-Ax-GDA	2194	2092	697	800	1100	169,7	155,1	

**RDA 800 x 1200**

Type	A	B	C	D	E	Weight gross (kg)	Weight net (kg)	Maximal recommended load (with legs or base)
	(mm)							
RDA-37-L82-CAX-Ax-GDA	1750	1648	697	800	1200	153,8	139,4	1800 kg
RDA-42-L82-CAX-Ax-GDA	1970	1868	697	800	1200	166,8	152,2	
RDA-45-L82-CAX-Ax-GDA	2105	2003	697	800	1200	173,5	158,8	
RDA-47-L82-CAX-Ax-GDA	2194	2092	697	800	1200	177,3	162,5	





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



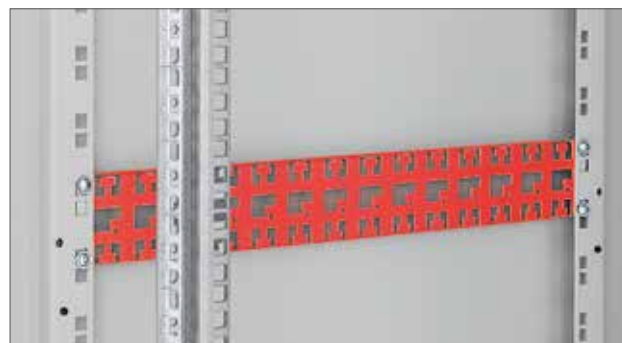
RAC-SS-X01-X1

### ■ RAB-SS-X01-X1, RAC-SS-X01-X1

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

#### Supply

Screw M5 x 12 ..... 4x



Type	Cabinet depth (mm)
RAX-VP-D50-X1	600
RAX-VP-D51-X1	800
RAX-VP-D52-X1	900
RAX-VP-D53-X1	1000
RAX-VP-D54-X1	1100
RAX-VP-D55-X1	1200

### ■ RAB-VP-D5x-X1, RAC-VP-D5x-X1

Cable management rail for RTA, RYA, RDA, RDE. skeleton.



**STOP** 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 rails
- when taxiing with a 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-X47-X1

**RAX-MS-X47-X1**

Direct mounting castors set.

**Max. recommended load capacity\*:**

- 500 kg for type **RDA**, RDE, RIE, RTA, RYA, 600 mm wide,
- 600 kg for type **RDA**, RDE, RIE, RTA, RYA, 800 mm wide,
- 900 kg for type RSX (XD), RSX-F.

The height of the cabinet is increased by 155 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-T88-X1

Cabinet depth (mm)	Cabinet width (mm)	
	600	800
600	RAX-RK-T66-X1	RAX-RK-T86-X1
800	RAX-RK-T68-X1	RAX-RK-T88-X1
900	RAX-RK-T69-X1	RAX-RK-T89-X1
1000	RAX-RK-T61-X1	RAX-RK-T81-X1
1100	RAX-RK-T60-X1	RAX-RK-T80-X1
1200	RAX-RK-T62-X1	RAX-RK-T82-X1

**RAX-RK-Txx-X1**

Castors with reinforcing frame.

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

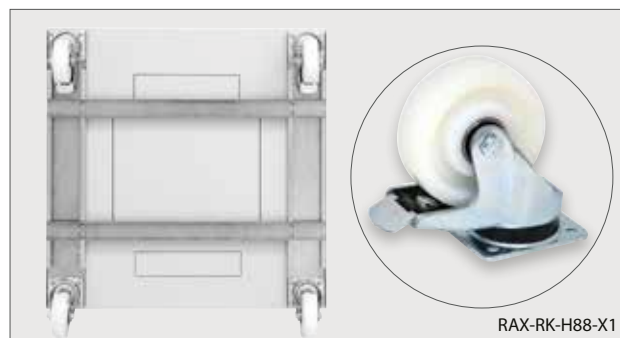
**Max. recommended load capacity\*:**

- 1500 kg for type RTA, RYA, **RDA**, RDE.

The height of the cabinet is increased by 143 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-H88-X1

Cabinet depth (mm)	Cabinet width (mm)	
	600	800
600	RAX-RK-H66-X1	RAX-RK-H86-X1
800	RAX-RK-H68-X1	RAX-RK-H88-X1
900	RAX-RK-H69-X1	RAX-RK-H89-X1
1000	RAX-RK-H61-X1	RAX-RK-H81-X1
1100	RAX-RK-H60-X1	RAX-RK-H80-X1
1200	RAX-RK-H62-X1	RAX-RK-H82-X1

**RAX-RK-Hxx-X1**

Castors with reinforcing frame

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

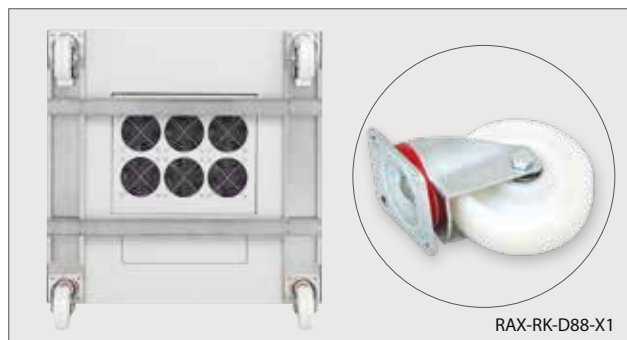
**Max. recommended load capacity\*:**

- 1600 kg for type RTA, RYA,
- 1900 kg for type **RDA**, RDE.

The height of the cabinet is increased by 168 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

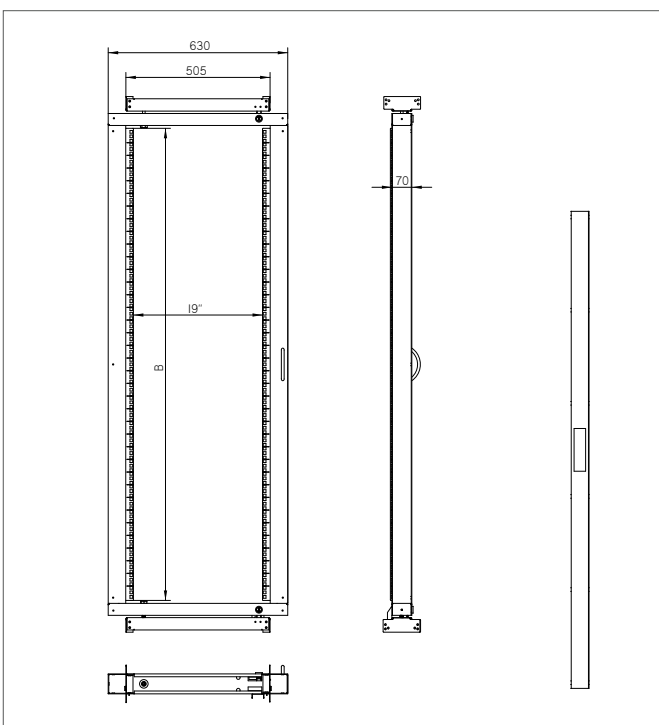
## Swing frame

■ 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.

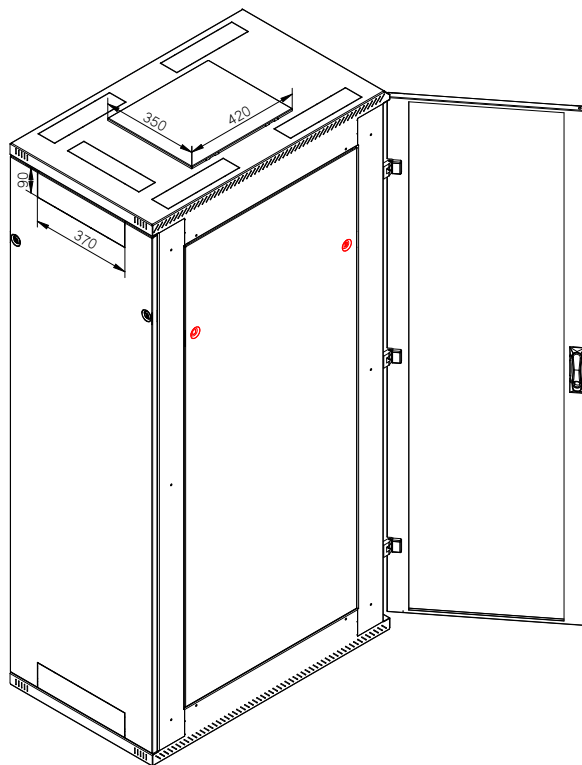
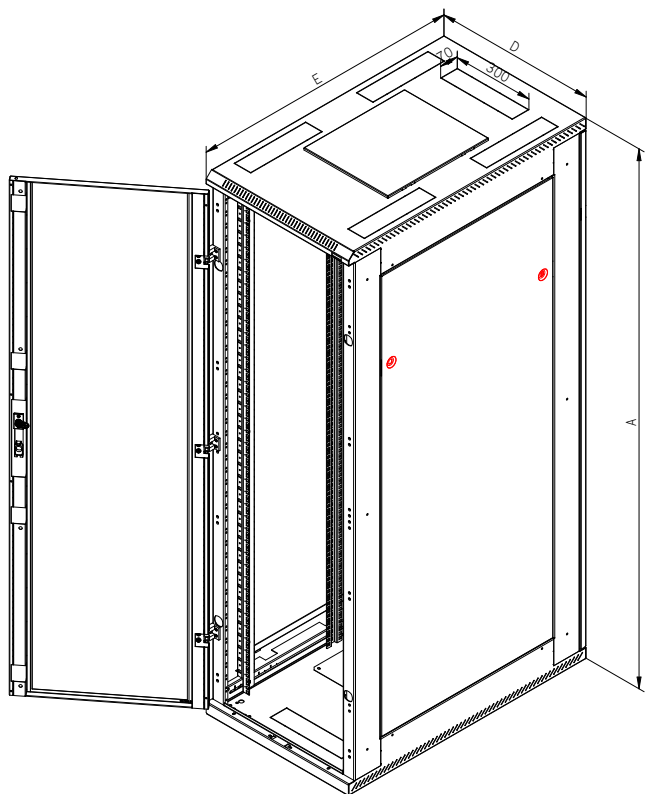


Swing frame	Cabinet height (U)	B (U) Usable frame height
RAC-VM-A17-A1	22	17
RAC-VM-A22-A1	27	22
RAC-VM-A27-A1	32	27
RAC-VM-A32-A1	37	32
RAC-VM-A37-A1	42	37
RAC-VM-A40-A1	45	40
RAC-VM-A42-A1	47	42



## Variant A1

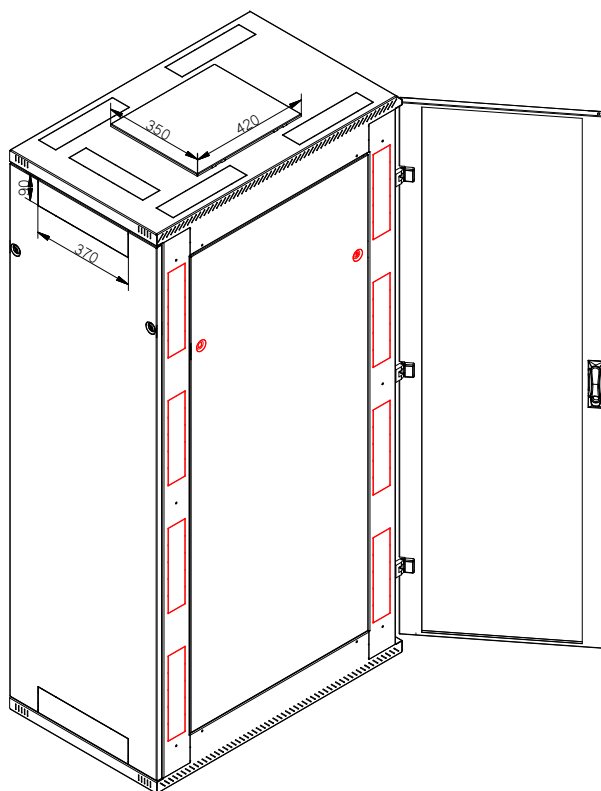
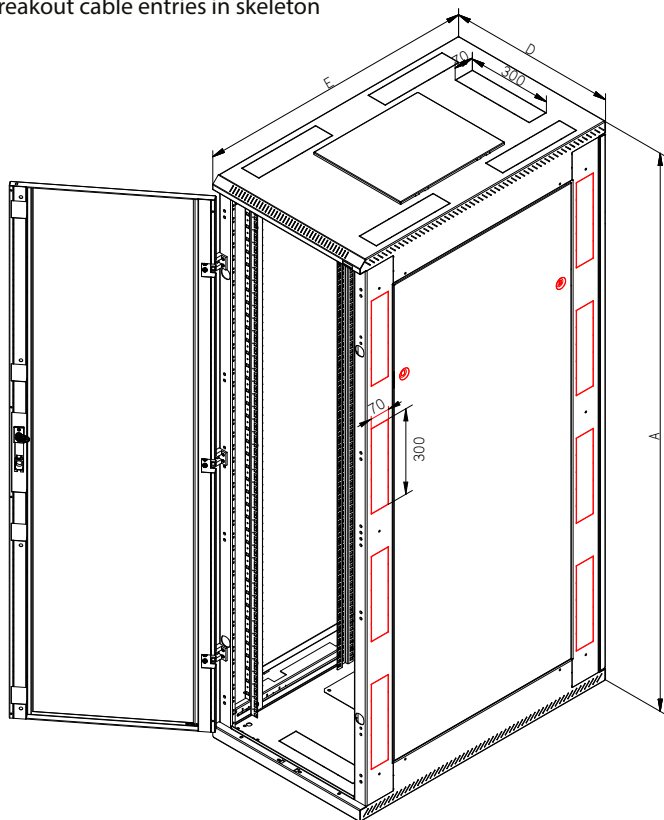
- with metal bottom,
- base, levelling feet and castors possible,
- side panels fixed by locks



RDA

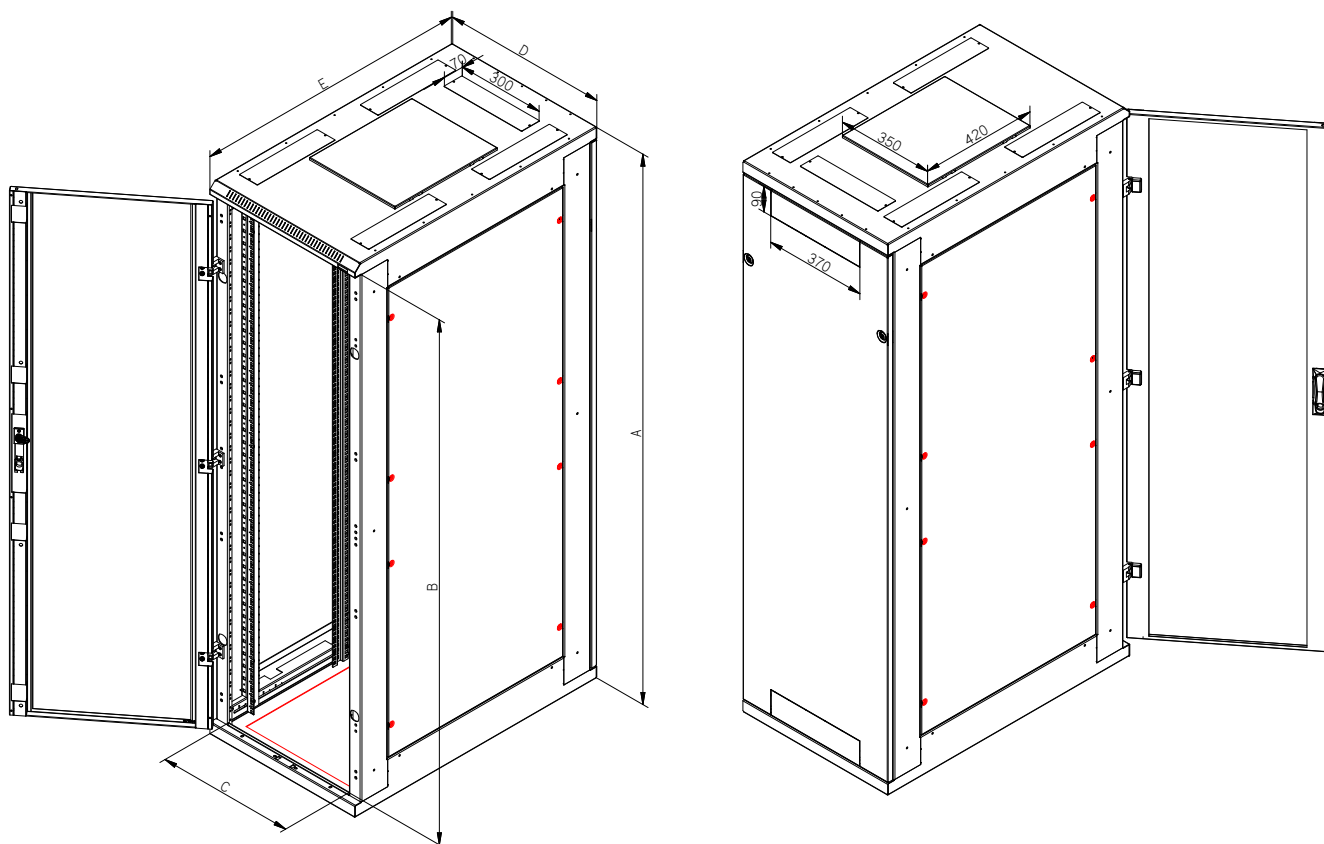
## Variant A5

- with metal bottom
- base, levelling feet and castors possible
- side panels fixed by locks
- breakout cable entries in skeleton



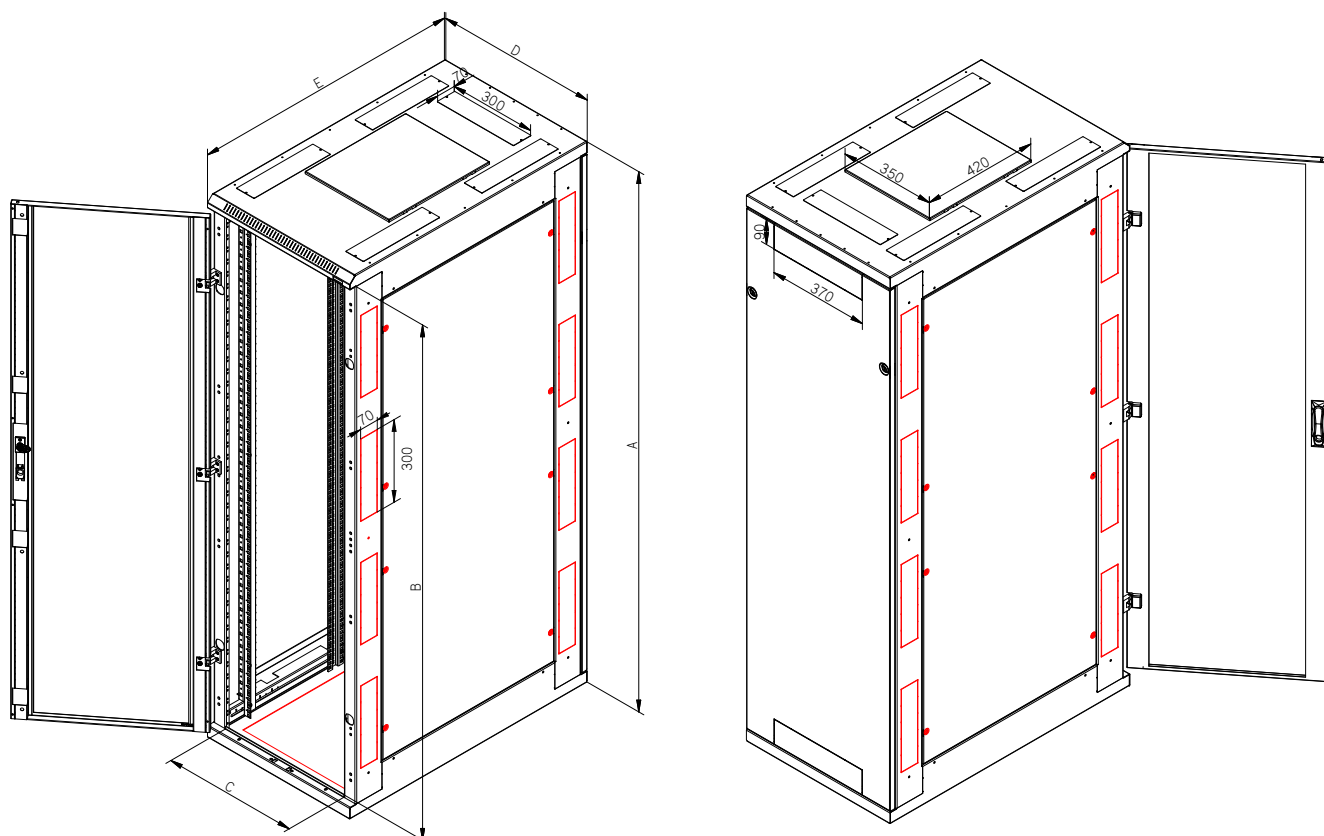
## Variant A3 for data centers

- without metal bottom
- side panels fixed by recessed screws from the outside (from inside possible on request)



## Variant A7 for data centers

- without metal bottom
- side panels fixed by recessed screws from the outside (from inside possible on request)
- breakout cable entries in skeleton





# RDA free-standing cabinet

Universal welded 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. It usually comes with perforated doors for better cooling. This can be boosted by installing fan units in the top or in the base of the cabinet.

## PRODUCT DETAILS

### Rigid construction

The RDA has a robust welded construction that is made completely of 2 mm thick material. High quality workmanship and the latest technology ensure excellent look of the cabinet.

### 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

Reinforced 19" vertical rails for higher load capacity can be infinitely adjusted at any depth of the cabinet. This simplifies mounting of the devices and the organisation of the patch cables.

### Removable side panels and rear cover

The RDA is a cabinet with a welded skeleton, removable side panels and rear cover. Panels are attached to the skeleton by locks, as standard with a uniform key (variants A1 and A5). Variants A3 and A7 has panels secured by safety recessed screws.

### 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

The cable entries of the cabinet are covered with break-out covers (variant A1 and A5). In the case of A3 and A7, the covers are screwed on. The cables in the opening can be sealed against the ingress of dust with a brush. To protect the cables from damage, a fringe edge is used (both supplied with the cabinet).

### Opening for a fan unit

A large opening covered with a click-in 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 RDA 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 used for mounting certain types of accessories.

**Skeleton rails on A5 and A7 versions**

The "A5" and "A7" versions (at the end of the cabinet code) have in skeleton rails the cable entries with break-out covers to allow patch cords to be routed between the adjacent cabinets.

**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).

**Swing frame**

All 800 mm wide RDA 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 "A5" and "A7" versions have in skeleton rails the cable entries with break-out covers to allow patch cords to be routed between the adjacent cabinets.
- The maximum recommended static load of the cabinet is 1800 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-X47-X1 castor set for direct mounting on the cabinet (the height of the cabinet is increased by 155 mm), the maximum total load capacity must be observed including the weight of the cabinet:
  - 500 kg for type RTA, RYA, RDA, RDE 600 mm wide,
  - 600 kg for type RTA, RYA, RDA, RDE 800 mm wide.
- When using the RAX-RK-Dxx-X1 castor set with reinforcing frame (RAX-MS-X47-X1 castors included), the maximum total load capacity is 1050 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.
- When using the RAX-RK-Txx-X1 castor set with reinforcing frame, the maximum total load capacity is 1500 kg including the weight of the cabinet\*\*. The height of the cabinet is increased by 143 mm. The specified load capacity is valid for both 600 and 800 mm cabinet widths.
- When using the RAX-RK-Hxx-X1 castor set with reinforcing frame, the maximum total load capacity is 1900 kg including the weight of the cabinet\*\*. The height of the cabinet is increased by 168 mm. The specified load capacity is valid for both 600 and 800 mm cabinet widths.
- The A3 and A7 models are for direct floor mounting only and cannot use bases, levelling feet or castors.
- 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 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](http://www.triton-racks.com/certificates).

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*\* 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.*







# RIE

Welded cabinet with removable covers, prepared for the installation of independent air-conditioning units, IP54, capacity 800 kg



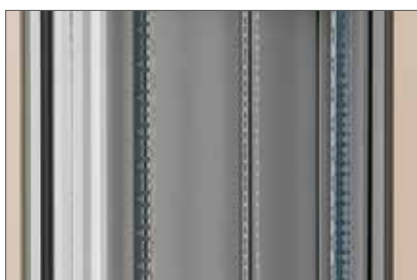
### ■ Cable inputs

Cable entry on the roof and in the base are 300 x 100 mm in size and are sealed by covers. Included with the cabinet is one multiple wire grommet with high protection level.



### ■ Multipoint locking system

Lock with a sliding locking system ensures a perfect door seal with the cabinet frame. The system is compatible with handles and locks of world's leading manufacturers, including electronic and code locks.



### ■ Adjustable vertical rails

For cabinets deeper than 800 mm, the usual two pairs of fully adjustable 19" vertical rails are supplemented with a third pair of middle rails.



### ■ Sealing, bonding

We use a 3D robotic workstation for the glass gluing and foam sealing. All removable parts of the cabinet are bonded together. There is M8 screw to connect the earthing at the bottom back. Marks for setting the vertical rails on sliding rails simplify the installation.



### ■ Ceiling blanks

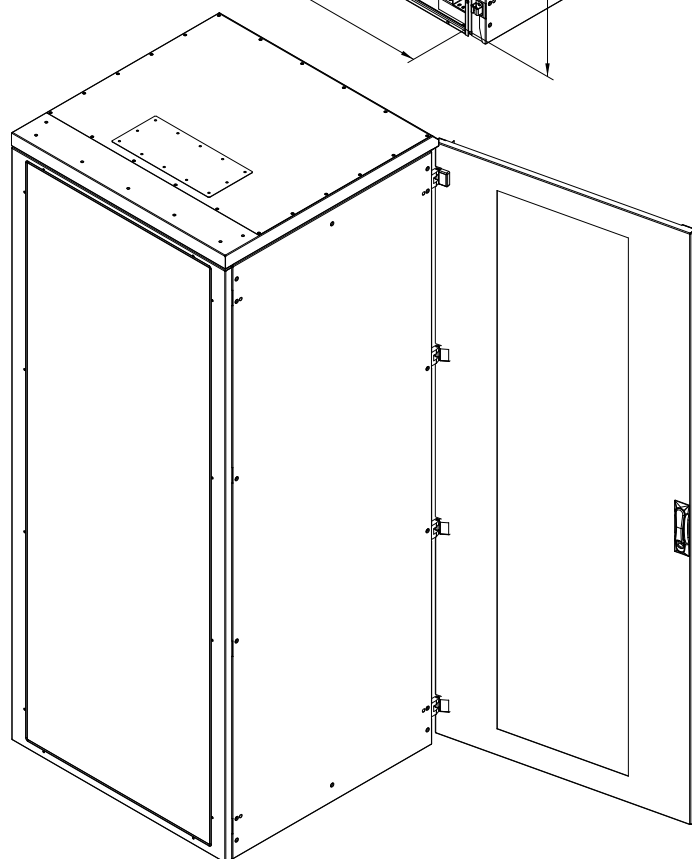
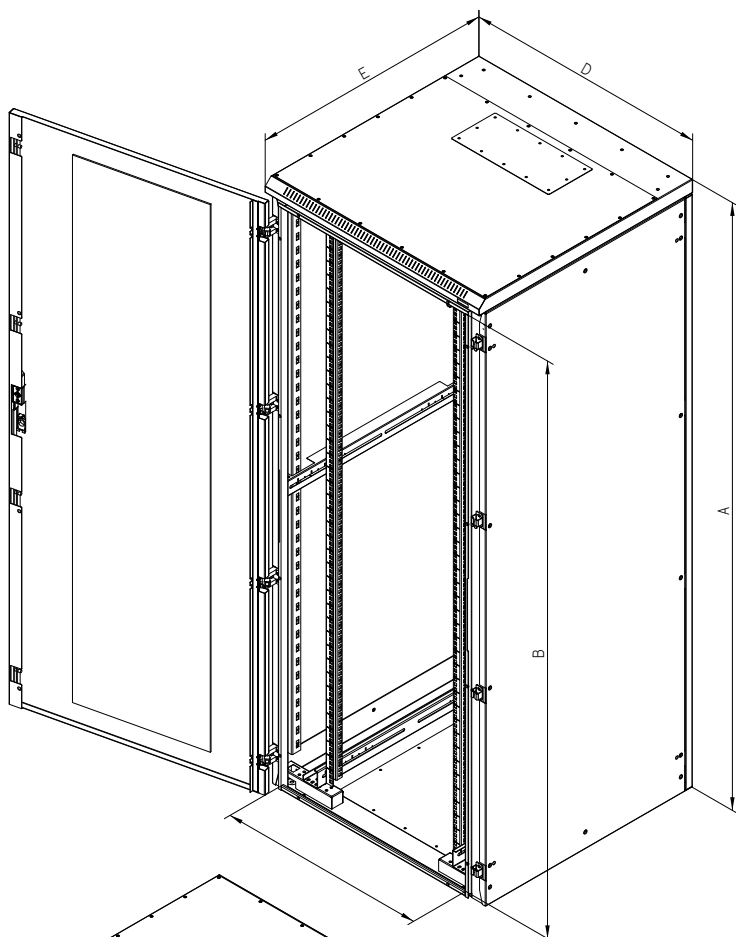
Large ceiling blanking panel allow (when replaced by appropriate adapter) installation of airconditioning units with the airflow directed exactly as required. Version for the fan unit installation is also available.



### ■ Cabinet IP54

RIE series cabinets with increased protection are intended to protect the equipment particularly from harmful effects of water and dust. Ceiling perforations (the design shape only) does not reduce the cabinet IP54 protection rating. The side covers are bolted to the frame and, the same as the door, have a foam seal. The covers have holes which allow the cabinets to be joined together.





#### ■ Main earthing point M8

An M8 screw is located in the cabinet for entire installation earthing.



#### ■ Hook-on hinges

Standard door hinges is possible to replace by hook-on version (**optional accessory**).



#### ■ Castors, levelling feet

Prepared for mounting castors and levelling feet. Levelling feet are part of the cabinet supply.



#### ■ Marking of units

Installation units are marked by laser on the vertical rails for convenience.



#### ■ RAX-PB-X01-X1

Cable entry for RDE, RIE, RPE (is included in the package).

##### Supply

Screw M5 x 12 .....	12x
Rubber seal .....	12x
Seal .....	0,9 m

All cable entries must be properly sealed especially against the dust and humidity, which could in airconditioned area start condensing and could also damage installed equipment. Furthermore it could start freezing inside of the A/C unit which can lead to its break down. A blanking panel with sealed cable grommets is part of the cabinet supply.

**RIE 600 x 600**

Type	A	B	C	D	E	Weight gross (kg)	Weight net (kg)	Maximal recommended load <i>(with legs or base)</i>
	(mm)							
RIE-18-A66-CCX-N1	900	800	487	600	600	62,4	56,9	800 kg
RIE-22-A66-CCX-N1	1080	980	487	600	600	69	63,5	
RIE-27-A66-CCX-N1	1300	1200	487	600	600	77,7	72,1	
RIE-32-A66-CCX-N1	1525	1425	487	600	600	86,4	80,7	
RIE-37-A66-CCX-N1	1750	1650	487	600	600	95	89,3	
RIE-42-A66-CCX-N1	1970	1870	487	600	600	103,7	98	
RIE-45-A66-CCX-N1	2105	2005	487	600	600	109,6	103,9	

**RIE 600 x 800**

Type	A	B	C	D	E	Weight gross (kg)	Weight net (kg)	Maximal recommended load <i>(with legs or base)</i>
	(mm)							
RIE-18-A68-CCX-N1	900	800	487	600	800	73,6	66	800 kg
RIE-22-A68-CCX-N1	1080	980	487	600	800	80,8	73,2	
RIE-27-A68-CCX-N1	1300	1200	487	600	800	90,2	82,6	
RIE-32-A68-CCX-N1	1525	1425	487	600	800	99,7	91,9	
RIE-37-A68-CCX-N1	1750	1650	487	600	800	109,1	101,3	
RIE-42-A68-CCX-N1	1970	1870	487	600	800	118,5	110,6	
RIE-45-A68-CCX-N1	2105	2005	487	600	800	124,7	116,9	

**RIE 600 x 1000**

Type	A	B	C	D	E	Weight gross (kg)	Weight net (kg)	Maximal recommended load <i>(with legs or base)</i>
	(mm)							
RIE-18-A61-CCX-N1	900	800	487	600	1000	84,5	77	800 kg
RIE-22-A61-CCX-N1	1080	980	487	600	1000	85,7	78,1	
RIE-27-A61-CCX-N1	1300	1200	487	600	1000	103,3	95,6	
RIE-32-A61-CCX-N1	1525	1425	487	600	1000	113,9	106,2	
RIE-37-A61-CCX-N1	1750	1650	487	600	1000	124,5	116,7	
RIE-42-A61-CCX-N1	1970	1870	487	600	1000	135,1	127,3	
RIE-45-A61-CCX-N1	2105	2005	487	600	1000	127,4	121,2	

**RIE 800 x 800**

Type	A	B	C	D	E	Weight gross (kg)	Weight net (kg)	Maximal recommended load <i>(with legs or base)</i>
	(mm)							
RIE-18-A88-CCX-N1	900	800	687	800	800	87,8	80,2	800 kg
RIE-22-A88-CCX-N1	1080	980	687	800	800	95,6	88	
RIE-27-A88-CCX-N1	1300	1200	687	800	800	105,8	98,1	
RIE-32-A88-CCX-N1	1525	1425	687	800	800	116,1	108,3	
RIE-37-A88-CCX-N1	1750	1650	687	800	800	126,3	118,5	
RIE-42-A88-CCX-N1	1970	1870	687	800	800	136,6	128,7	
RIE-45-A88-CCX-N1	2105	2005	687	800	800	142,5	134,5	

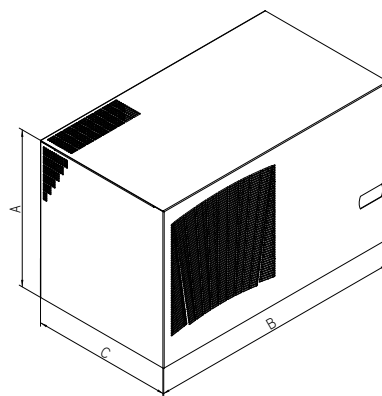
**RIE 800 x 1000**

Type	A	B	C	D	E	Weight gross (kg)	Weight net (kg)	Maximal recommended load <i>(with legs or base)</i>
	(mm)							
RIE-18-A81-CCX-N1	900	800	687	800	1000	101,1	90,6	800 kg
RIE-22-A81-CCX-N1	1080	980	687	800	1000	104,7	94,2	
RIE-27-A81-CCX-N1	1300	1200	687	800	1000	123,1	112,5	
RIE-32-A81-CCX-N1	1525	1425	687	800	1000	134,6	124	
RIE-37-A81-CCX-N1	1750	1650	687	800	1000	146	135,3	
RIE-42-A81-CCX-N1	1970	1870	687	800	1000	157,5	146,7	
RIE-45-A81-CCX-N1	2105	2005	687	800	1000	164	153,2	





RAC-KL-ETE-Y1



Air conditioners with a width of 800 mm can be mounted on 800 mm wide cabinets. When installed as a depth-oriented A/C unit, these units can also be used on 600 mm wide cabinets with a minimum depth of 1000 mm. A/C units with a width of 600 mm can be mounted on 600 and 800 mm wide cabinets.

## ■ RAB-KL-ETE-Yx, RAC-KL-ETE-Yx

Roof cooling unit ETE. Specially designed for the installation to the top of the cabinet

Roof cooling unit ETE									
Part number	Coolant type	Cooling capacity (W)	External dimensions (A x B x C)	Temperature range set up	Power supply (V/Hz)	Air flow (m³/h)	Electric input (W)	Noise level (dB)	Weight (kg)
RAx-KL-ETE-Y1	R134a	1400	450 x 600 x 408	electrical thermostat	230/50-60	575	950	58	48
RAx-KL-ETE-Y2	R134a	2000	450 x 600 x 408	electrical thermostat	230/50-60	860	1200	62	51,5
RAx-KL-ETE-Y3	R134a	2700	485 x 800 x 465	electrical thermostat	230/50-60	860	1580	77	74,5
RAx-KL-ETE-Y4	R134a	3800	485 x 800 x 465	electrical thermostat	230/50-60	1450	2000	77	76,5

## ■ RAB-RV-Xxx-Xx, RAC-RV-Xxx-Xx

Airconditioning unit adapters

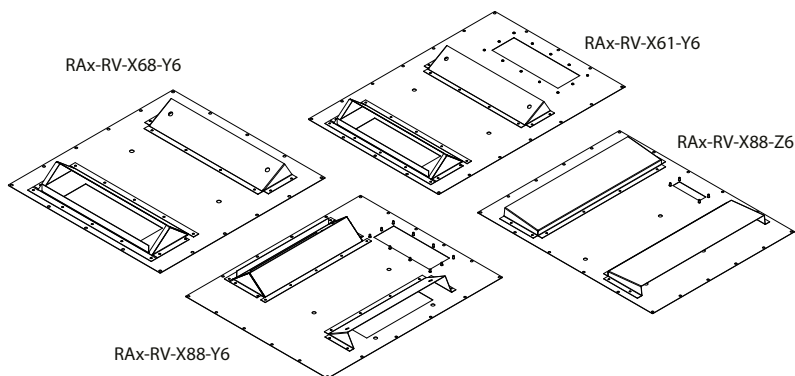
### Delivery contain

**A:** 12 pcs. screw M5x12 with integrated washer, 6 pcs. screw M5x12 countersunk head, 18 pcs. rubber gasket

**B:** 20 pcs M5x12 screw with integrated washer, 20 pcs rubber gasket

**C:** 14 pcs. screw M5x12 with integrated washer, 6 pcs. screw M5x12 countersunk head, 20 pcs. rubber gasket

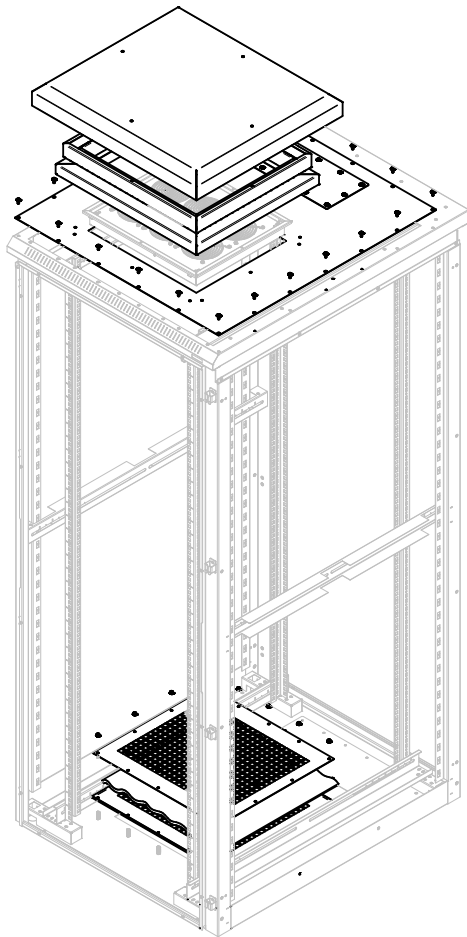
**D:** 22 pcs M5x12, 22 pcs rubber gasket



Adapter for air conditioners types and dimensions						
Type	Cabinet width (mm)	Cabinet depths (mm)	A/C unit type	Direction of A/C installation	Assembly set	Cable entry (number of cables)
RAx-RV-X66-Z6	600	600	Y1, Y2	into the cabinet width	A	SXx-SA-K03-X1 (2 x Ø 5-9 mm; 2 x Ø 7-12 mm)
RAx-RV-X68-Y6	600	800	Y1, Y2	into the cabinet depth	B	does not have a cable input
RAx-RV-X68-Z6	600	800	Y1, Y2	into the cabinet width	A	SXx-SA-K03-X1 (2 x Ø 5-9 mm; 2 x Ø 7-12 mm)
RAx-RV-X61-Y6	600	1000,1100,1200	Y1, Y2	into the cabinet depth	B	RAx-PB-X01-X1-X1 (29 x Ø 7-12 mm; 4 x Ø 7-14 mm; 4 x Ø 11-20 mm; 1 x Ø 16-29 mm)*
RAx-RV-X61-Z6	600	1000,1100,1200	Y1, Y2	into the cabinet width	C	SxXx-SA-K01-X1 (29 x Ø 7-12 mm; 4 x Ø 7-14 mm; 4 x Ø 11-20 mm; 1 x Ø 16-29 mm)
RAx-RV-X61-Y8	600	1000,1100,1200	Y3, Y4	into the cabinet depth	B	does not have a cable input
RAx-RV-X86-Z6	800	800	Y1, Y2	into the cabinet depth	B	SXx-SA-K03-X1 (2 x Ø 5-9 mm; 2 x Ø 7-12 mm)
RAx-RV-X88-Y6	800	800	Y1, Y2	into the cabinet depth	B	SXx-SA-K02-X1 (29 x Ø 7-12 mm; 4 x Ø 7-14 mm; 4 x Ø 11-20 mm; 1 x Ø 16-29 mm)
RAx-RV-X88-Z6	800	800	Y1, Y2	into the cabinet width	B	SXx-SA-K03-X1 (2 x Ø 5-9 mm; 2 x Ø 7-12 mm)
RAx-RV-X88-Z8	800	800	Y3, Y4	into the cabinet width	B	SXx-SA-K02-X1 (29 x Ø 7-12 mm; 4 x Ø 7-14 mm; 4 x Ø 11-20 mm; 1 x Ø 16-29 mm)
RAx-RV-X81-Y6	800	1000,1100,1200	Y1, Y2	into the cabinet depth	D	RAx-PB-X01-X1-X1 (29 x Ø 7-12 mm; 4 x Ø 7-14 mm; 4 x Ø 11-20 mm; 1 x Ø 16-29 mm)*
RAx-RV-X81-Z6	800	1000,1100,1200	Y1, Y2	into the cabinet width	D	RAx-PB-X01-X1-X1 (29 x Ø 7-12 mm; 4 x Ø 7-14 mm; 4 x Ø 11-20 mm; 1 x Ø 16-29 mm)*
RAx-RV-X81-Y8	800	1000,1100,1200	Y3, Y4	into the cabinet depth	D	SxXx-SA-K02-X1 (29 x Ø 7-12 mm; 4 x Ø 7-14 mm; 4 x Ø 11-20 mm; 1 x Ø 16-29 mm)
RAx-RV-X81-Z8	800	1000,1100,1200	Y3, Y4	into the cabinet width	D	RAx-PB-X01-X1-X1 (29 x Ø 7-12 mm; 4 x Ø 7-14 mm; 4 x Ø 11-20 mm; 1 x Ø 16-29 mm)*

\* (same type of grommet supplied with the enclosure with increased IP protection)

## IP5x fan unit cover



### ■ RAB-RV-Xxx-XV, RAC-RV-Xxx-XV

Adapter for fan unit installation

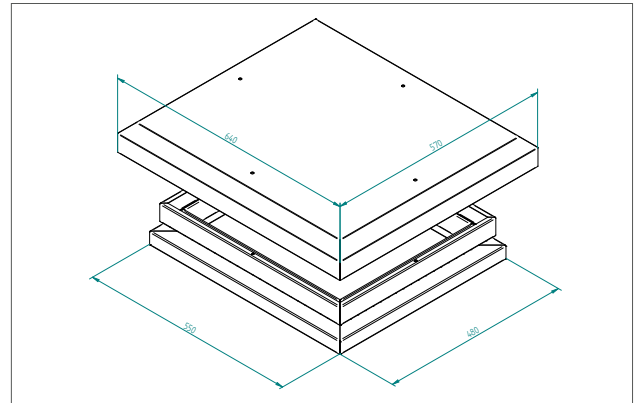
The adapter is used for mounting a standard top roof Tritón fan unit on racks with high IP protection. The IP5x fan unit cover is then mounted on this adapter. Along with the adapter, a filter is supplied to the base of the cabinet for clean air access. When using this kit we recommend installing the cabinet on the base.

Adapter for fan unit installation		
Type	Cabinet with and depth (mm)	Cable entry (number of cables)*
RAx-RV-X66-XV	600 x 600	does not have a cable input
RAx-RV-X68-XV	600 x 800	SXx-SA-K03-X1 (2 x Ø 5-9 mm; 2 x Ø 7-12 mm)
RAx-RV-X61-XV	600 x 1000	RAx-PB-X01-X1 (29 x Ø 7-12 mm; 4 x Ø 7-14 mm; 4 x Ø 11-20 mm; 1 x Ø 16-29 mm)**
RAx-RV-X88-XV	800 x 800	SXx-SA-K03-X1 (2 x Ø 5-9 mm; 2 x Ø 7-12 mm)
RAx-RV-X81-XV	800 x 1000	RAx-PB-X01-X1 (29 x Ø 7-12 mm; 4 x Ø 7-14 mm; 4 x Ø 11-20 mm; 1 x Ø 16-29 mm)**

For High-IP cabinets 1000 – 1200 mm deep the same adapter is used.

\* (optional accessory - not included)

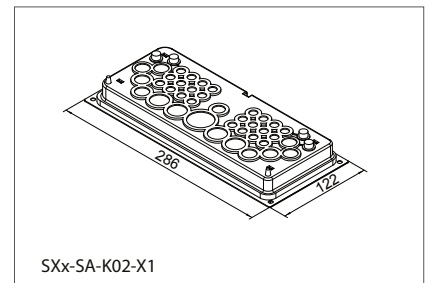
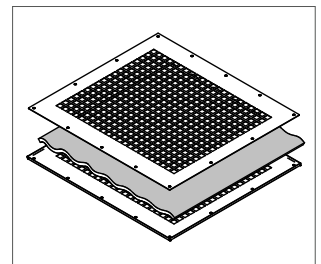
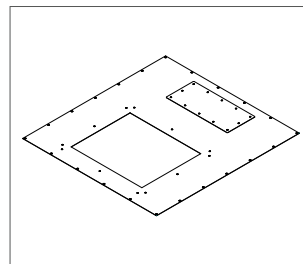
\*\* (same type of grommet supplied with the enclosure with increased IP protection)



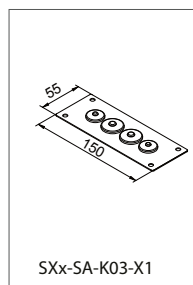
### ■ RAB-RV-V66-X1, RAC-RV-V66-X1

IP5x fan unit cover

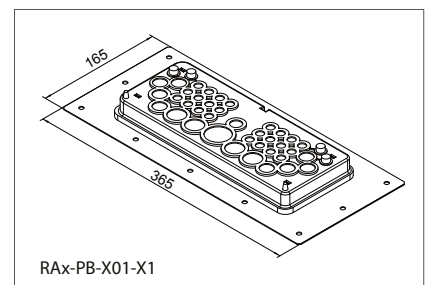
The unique cover of the standard fan unit allows its use even on cabinets with high IP protection (RIE, RPE, RDE). The cover prevents water and dust from entering the cabinet (dust when the fan is running). It is necessary to combine it with the appropriate Adapter for mounting the fan unit according to the cabinet width and depth and the top roof fan unit with the capacity according to the needs of the installed equipment.



SXx-SA-K02-X1



SXx-SA-K03-X1



RAx-PB-X01-X1

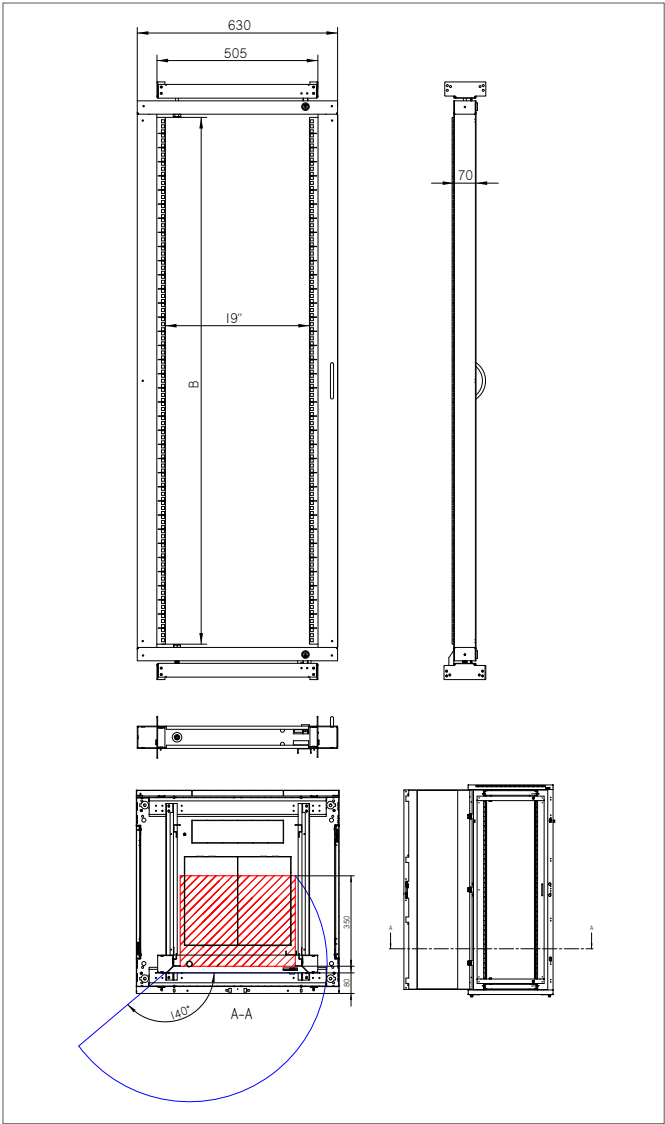
# Swing frame

■ 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





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



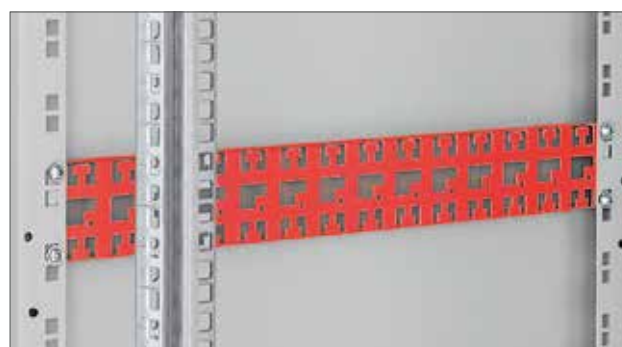
RAC-SS-X01-X1

### ■ RAB-SS-X01-X1, RAC-SS-X01-X1

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

#### Supply

Screw M5 x 12 ..... 4x



Type	Cabinet depth (mm)
RAX-VP-X50-X1	600
RAX-VP-X51-X1	800
RAX-VP-X52-X1	900
RAX-VP-X53-X1	1000
RAX-VP-X54-X1	1100
RAX-VP-X55-X1	1200

### ■ RAB-VP-X5x-X1, RAC-VP-X5x-X1

Cable management rail for RMA, RZA, RIE skeleton.





**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 rails
- 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-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-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,

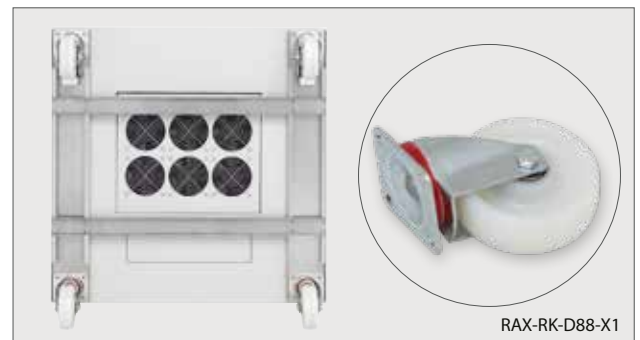
- 400 kg for type RMA, RZA, **RIE**, 800 mm wide,

- 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-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

# Free standing cabinet RIE

Welded cabinet with removable covers, prepared for the installation of independent airconditioning units.

## PRODUCT DETAILS

### Rigid construction

The RIE has a robust welded construction, which is made completely of 2 mm thick material. High quality workmanship and the latest technology ensure excellent design of the cabinet.

### Cable entries

The cable entry at the cabinet top and bottom of 300 x 100 mm is sealed with a blanking panel. All cable entries must be properly sealed, especially against the ingress of dust and moisture which could condense in the air-conditioned area and damage the equipment or freeze inside of the A/C unit which can lead to its break down. One multiple cable grommet with high protection is part of the cabinet supply.

### Ceiling blanking panel

The large ceiling blanking panel allows the installation of the air conditioner with the airflow orientation exactly according to the needs of the installed equipment. By installing the air conditioner, the IP rating of the entire assembly drops to IP20. For more information, see Accessories - Active cooling.

### IP54

The RIE series cabinets with higher protection are designed to protect equipment especially against the harmful effects of water and dust. The perforation of the roof is only a design feature and does not reduce the protection level of the cabinet. The side covers are bolted to the skeleton and, like the doors, are fitted with a foam seal. There are holes in the covers to allow the cabinets to be joined into assemblies.

### Multipoint locking system

The sliding locking system ensures perfect sealing of the door against the cabinet skeleton. The system is compatible with handles and locks from the world's leading manufacturers, including electronic and code locks.

### Flexible door opening

The own hinge system allows the door to be opened at an angle of 165°. The door can be easily removed and re-mounted to change the direction of opening.

### 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.

### 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

RIE has a welded frame and removable side and rear panels. These are fixed to the frame using a lock with with safety countersunk 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.

### 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 cabinets 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).

## OPTIONAL ACCESSORIES

### RAx-VP-X5x-X1

Horizontal cable management panel. Installation in the skeleton (rail) of the cabinet.

**Swing frame**

All 800 mm wide RIE 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.

**RAX-KL-ETE-Yx**

Air conditioning units.

**RAX-RV-Xxx-xx**

Adapters for air conditioning units.

**RAX-RV-Xxx-XV**

The adapter for IP5x cover that allows installation of standard fan unit (filter for cabinet bottom for air intake included).

**RAX-RV-V66-X1**

The IP5X cover for standard fan unit, installation on adapter.

**DESCRIPTION, USAGE**

- 19" free-standing cabinet with IP54 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 wing door with foam sealing in versions of solid metal or glazed with safety tempered glass 4mm (they can be on the front or back of the cabinet), to reach required sealing these are equipped by multipoint locking as standard
  - 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 screwed and sealed 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 600 mm wide,
  - 400 kg for 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 adjust any differences using the levelling feet.

### 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 EZÚ CZ and fully in accordance with ČSN EN 62208 ed.2:2012 (EN 62208:2011). Latest certificate is available at [www.triton-racks.com/certificates](http://www.triton-racks.com/certificates).

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*\* 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.*





# RDE

Welded server cabinet prepared for the installation of independent airconditioning units, IP54, capacity 1800 kg



#### ■ Protection against dust and humidity IP54

All doors and covers are fitted with sealing to ensure protection against the ingress of dust and humidity.



#### ■ Handle for cabinets IP54

Multi-point locking of cabinets with high IP rating and door sealing required use a more robust handle. Used handle with lock has a standard Tritón universal key. Additional change of door opening orientation is possible.

#### Server cabinet with an IP54 protection

The RDE cabinets are primarily intended for an installation of servers and active devices parallelly with a Tritón A/C units. Air conditioning unit is necessary to install only to data cabinets with a high IP protection for a correct function.



#### ■ Wider body rails

Wide cabinet skeleton rails are intended for an additional installation of 19" power distribution units that afterwards do not occupy space within the cabinet. Thanks to this smart solution it does not block sliding servers even within the 600 mm cabinet type.



#### ■ Loading capacity 1800 kg

The RDE data cabinet has a reinforced construction and it is made of thicker material. Also 19" vertical rails are designed for a higher loading capacity. A version with depth over 800 mm has a central pair of vertical rails as a standard solution.

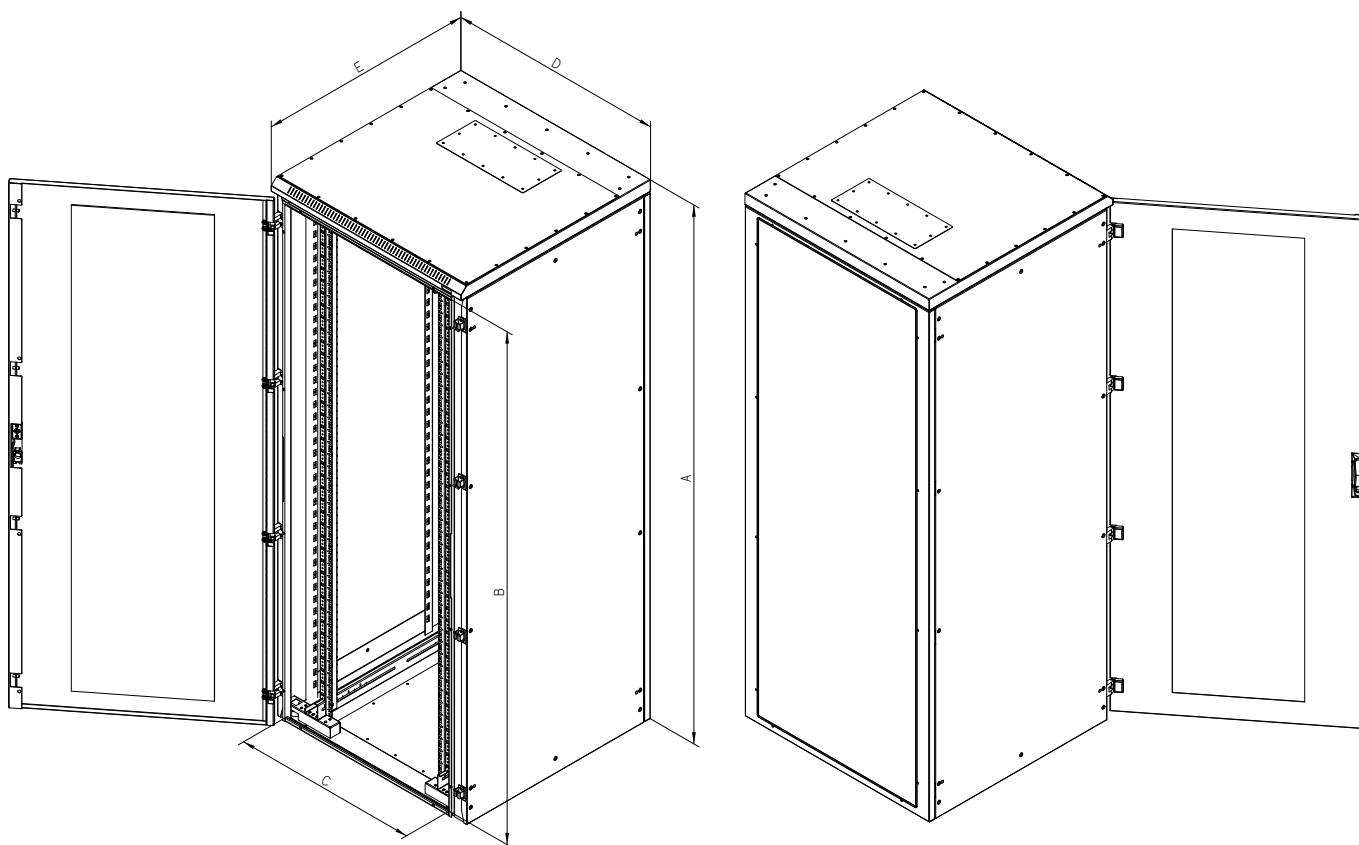


## RDE 600

Type	A	B	C	D	E	Weight gross (kg)	Weight net (kg)	Maximal recommended load (with legs or base)
	(mm)							
RDE-42-A68-CCX-A1	1970	1868	487	600	800	127,0	118,7	1800 kg
RDE-45-A68-CCX-A1	2105	2003	487	600	800	132,8	124,4	
RDE-42-A61-CCX-A1	1970	1868	487	600	1000	144,7	133,9	
RDE-45-A61-CCX-A1	2105	2003	487	600	1000	151,1	140,3	
RDE-42-A62-CCX-A1	1970	1868	487	600	1200	160,5	147,2	
RDE-45-A62-CCX-A1	2105	2003	487	600	1200	164,9	154,1	

## RDE 800

Type	A	B	C	D	E	Weight gross (kg)	Weight net (kg)	Maximal recommended load (with legs or base)
	(mm)							
RDE-42-A88-CCX-A1	1970	1868	687	800	800	157,0	147,4	1800 kg
RDE-45-A88-CCX-A1	2105	2003	687	800	800	163,7	154,0	
RDE-42-A81-CCX-A1	1970	1868	687	800	1000	177,8	164,4	
RDE-45-A81-CCX-A1	2105	2003	687	800	1000	184,9	171,4	
RDE-42-A82-CCX-A1	1970	1868	687	800	1200	195,2	179,2	
RDE-45-A82-CCX-A1	2105	2003	687	800	1200	201,4	185,2	



### ■ RAX-PB-X01-X1

Cable entry for **RDE**, **RIE**, **RPE**  
(is included in the package).

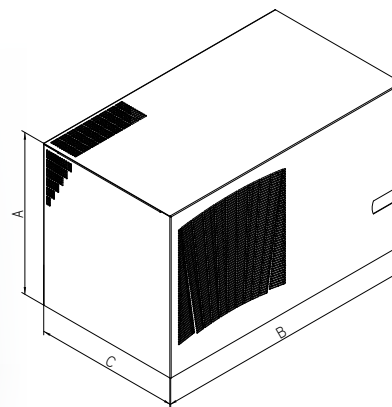
#### Supply

Screw M5 x 12 ..... 12x  
Rubber seal ..... 12x  
Seal ..... 0,9 m

All cable entries must be properly sealed especially against the dust and humidity, which could in airconditioned area start condensing and could also damage installed equipment. Furthermore it could start freezing inside of the A/C unit which can lead to its break down. A blanking panel with sealed cable grommets is part of the cabinet supply.



RAC-KL-ETE-X1



Air conditioners with a width of 800 mm can be mounted on 800 mm wide cabinets. When installed as a depth-oriented A/C unit, these units can also be used on 600 mm wide cabinets with a minimum depth of 1000 mm.

A/C units with a width of 600 mm can be mounted on 600 and 800 mm wide cabinets.

## ■ RAB-KL-ETE-Yx, RAC-KL-ETE-Yx

Roof cooling unit ETE. Specially designed for the installation to the top of the cabinet

### Roof cooling unit ETE

Part number	Coolant type	Cooling capacity (W)	External dimensions (A x B x C)	Temperature range set up	Power supply (V/Hz)	Air flow (m³/h)	Electric input (W)	Noise level (dB)	Weight (kg)
RAx-KL-ETE-Y1	R134a	1400	450 x 600 x 408	electrical thermostat	230/50-60	575	950	58	48
RAx-KL-ETE-Y2	R134a	2000	450 x 600 x 408	electrical thermostat	230/50-60	860	1200	62	51,5
RAx-KL-ETE-Y3	R134a	2700	485 x 800 x 465	electrical thermostat	230/50-60	860	1580	77	74,5
RAx-KL-ETE-Y4	R134a	3800	485 x 800 x 465	electrical thermostat	230/50-60	1450	2000	77	76,5

## ■ RAB-RV-Xxx-Xx, RAC-RV-Xxx-Xx

Airconditioning unit adapters

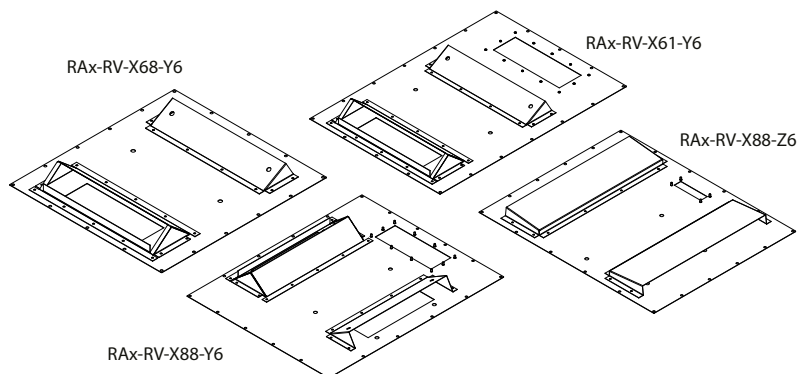
### Delivery contain

**A:** 12 pcs. screw M5x12 with integrated washer, 6 pcs. screw M5x12 countersunk head, 18 pcs. rubber gasket

**B:** 20 pcs M5x12 screw with integrated washer, 20 pcs rubber gasket

**C:** 14 pcs. screw M5x12 with integrated washer, 6 pcs. screw M5x12 countersunk head, 20 pcs. rubber gasket

**D:** 22 pcs M5x12, 22 pcs rubber gasket



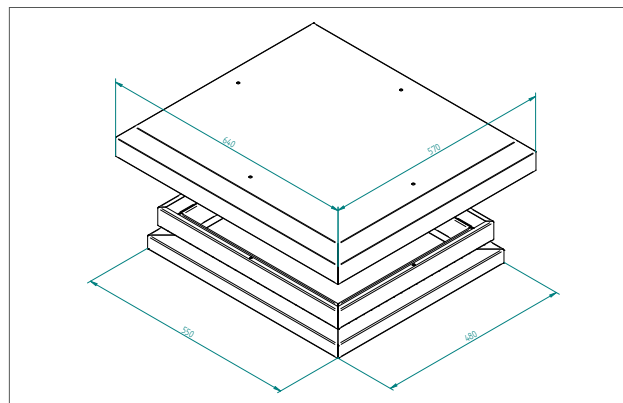
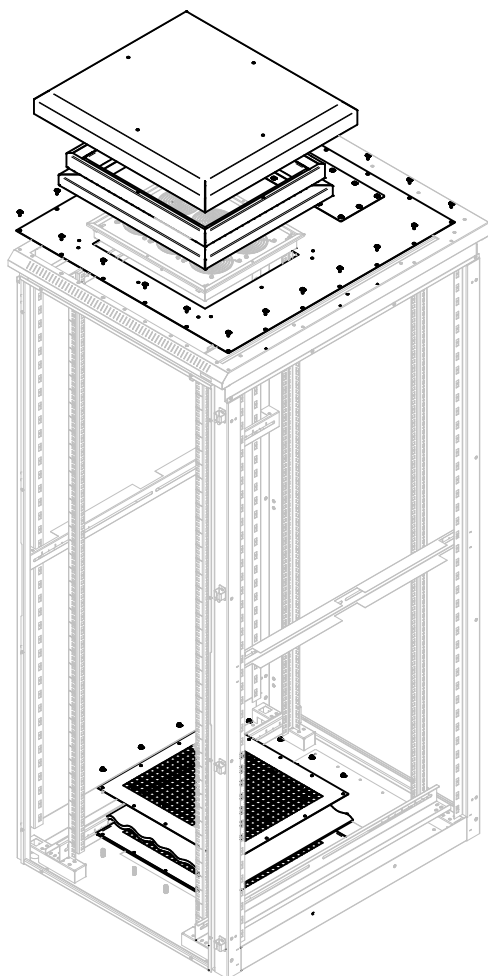
### Adapter for air conditioners types and dimensions

Type	Cabinet width (mm)	Cabinet depths (mm)	A/C unit type	Direction of A/C installation	Assembly set	Cable entry (number of cables)
RAx-RV-X66-Z6	600	600	Y1, Y2	into the cabinet width	A	SXx-SA-K03-X1 (2 x Ø 5-9 mm; 2 x Ø 7-12 mm)
RAx-RV-X68-Y6	600	800	Y1, Y2	into the cabinet depth	B	does not have a cable input
RAx-RV-X68-Z6	600	800	Y1, Y2	into the cabinet width	A	SXx-SA-K03-X1 (2 x Ø 5-9 mm; 2 x Ø 7-12 mm)
RAx-RV-X61-Y6	600	1000,1100,1200	Y1, Y2	into the cabinet depth	B	RAx-PB-X01-X1-X1 (29 x Ø 7-12 mm; 4 x Ø 7-14 mm; 4 x Ø 11-20 mm; 1 x Ø 16-29 mm)*
RAx-RV-X61-Z6	600	1000,1100,1200	Y1, Y2	into the cabinet width	C	RAx-PB-X01-X1 (29 x Ø 7-12 mm; 4 x Ø 7-14 mm; 4 x Ø 11-20 mm; 1 x Ø 16-29 mm)*
RAx-RV-X61-Y8	600	1000,1100,1200	Y3, Y4	into the cabinet depth	B	does not have a cable input
RAx-RV-X86-Z6	800	600	Y1, Y2	into the cabinet depth	B	SXx-SA-K03-X1 (2 x Ø 5-9 mm; 2 x Ø 7-12 mm)
RAx-RV-X88-Y6	800	800	Y1, Y2	into the cabinet depth	B	SXx-SA-K02-X1 (29 x Ø 7-12 mm; 4 x Ø 7-14 mm; 4 x Ø 11-20 mm; 1 x Ø 16-29 mm)
RAx-RV-X88-Z6	800	800	Y1, Y2	into the cabinet width	B	SXx-SA-K03-X1 (2 x Ø 5-9 mm; 2 x Ø 7-12 mm)
RAx-RV-X88-Z8	800	800	Y3, Y4	into the cabinet width	B	SXx-SA-K02-X1 (29 x Ø 7-12 mm; 4 x Ø 7-14 mm; 4 x Ø 11-20 mm; 1 x Ø 16-29 mm)
RAx-RV-X81-Y6	800	1000,1100,1200	Y1, Y2	into the cabinet depth	D	RAx-PB-X01-X1-X1 (29 x Ø 7-12 mm; 4 x Ø 7-14 mm; 4 x Ø 11-20 mm; 1 x Ø 16-29 mm)*
RAx-RV-X81-Z6	800	1000,1100,1200	Y1, Y2	into the cabinet width	D	RAx-PB-X01-X1-X1 (29 x Ø 7-12 mm; 4 x Ø 7-14 mm; 4 x Ø 11-20 mm; 1 x Ø 16-29 mm)*
RAx-RV-X81-Y8	800	1000,1100,1200	Y3, Y4	into the cabinet depth	D	SxX-SA-K02-X1 (29 x Ø 7-12 mm; 4 x Ø 7-14 mm; 4 x Ø 11-20 mm; 1 x Ø 16-29 mm)
RAx-RV-X81-Z8	800	1000,1100,1200	Y3, Y4	into the cabinet width	D	RAx-PB-X01-X1-X1 (29 x Ø 7-12 mm; 4 x Ø 7-14 mm; 4 x Ø 11-20 mm; 1 x Ø 16-29 mm)*

\* (same type of grommet supplied with the enclosure with increased IP protection)



## IP5x fan unit cover



### ■ RAB-RV-V66-X1, RAC-RV-V66-X1

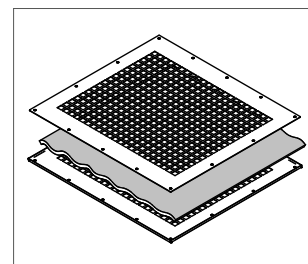
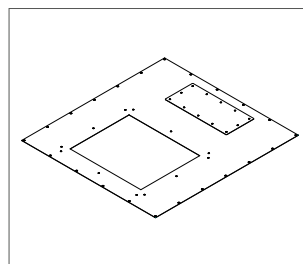
IP5x fan unit cover

The unique cover of the standard fan unit allows its use even on cabinets with high IP protection (RIE, RPE, **RDE**). The cover prevents water and dust from entering the cabinet (dust when the fan is running). It is necessary to combine it with the appropriate Adapter for mounting the fan unit according to the cabinet width and depth and the top roof fan unit with the capacity according to the needs of the installed equipment.

### ■ RAC-RV-Xxy-XV, RAB-RV-Xxy-XV

Adapter for fan unit installation

The adapter is used for mounting a standard top roof Tritón fan unit on racks with high IP protection. The IP5x fan unit cover is then mounted on this adapter. Along with the adapter, a filter is supplied to the base of the cabinet for clean air access. When using this kit we recommend installing the cabinet on the base.

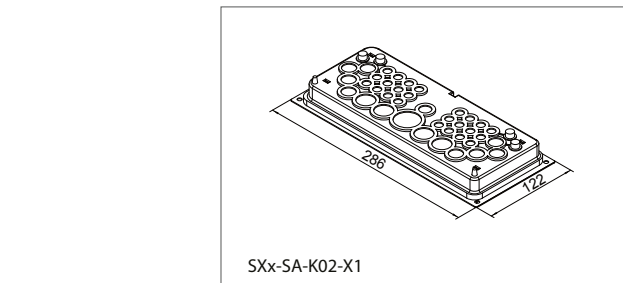


Adapter for fan unit installation		
Type	Cabinet with and depth (mm)	Cable entry (number of cables)*
RAx-RV-X66-XV	600 x 600	does not have a cable input
RAx-RV-X68-XV	600 x 800	SXx-SA-K03-X1 (2 x Ø 5-9 mm; 2 x Ø 7-12 mm)
RAx-RV-X61-XV	600 x 1000	RAx-PB-X01-X1 (29 x Ø 7-12 mm; 4 x Ø 7-14 mm; 4 x Ø 11-20 mm; 1 x Ø 16-29 mm)**
RAx-RV-X88-XV	800 x 800	SXx-SA-K03-X1 (2 x Ø 5-9 mm; 2 x Ø 7-12 mm)
RAx-RV-X81-XV	800 x 1000	RAx-PB-X01-X1 (29 x Ø 7-12 mm; 4 x Ø 7-14 mm; 4 x Ø 11-20 mm; 1 x Ø 16-29 mm)**

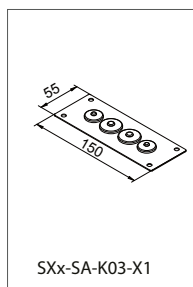
For High-IP cabinets 1000 – 1200 mm deep the same adapter is used.

\* (optional accessory - not included)

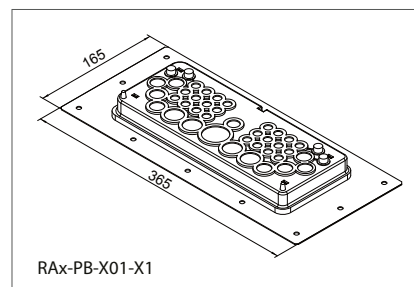
\*\* (same type of grommet supplied with the enclosure with increased IP protection)



SXx-SA-K02-X1



SXx-SA-K03-X1



RAx-PB-X01-X1



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

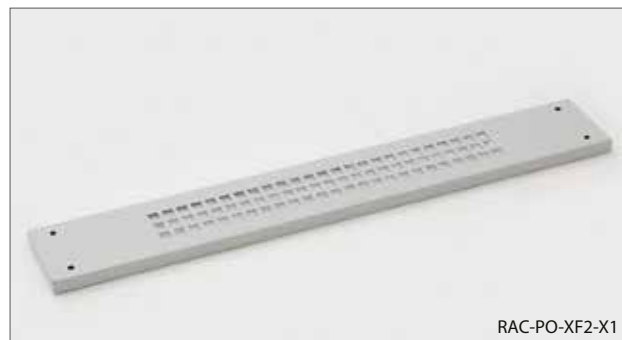
### ■ RAB-PO-Xxx-XD, RAC-PO-Xxx-XD

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

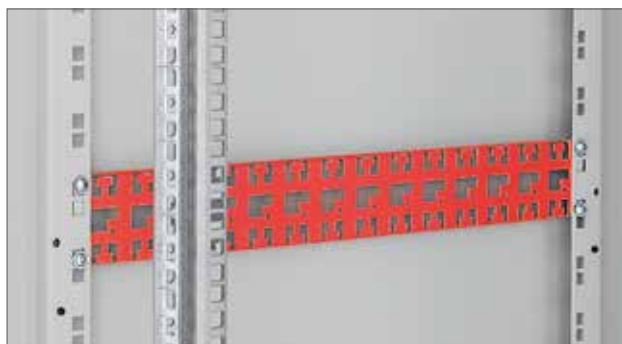


### ■ RAB-SS-X01-X1, RAC-SS-X01-X1

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

#### Supply

Screw M5 x 12 ..... 4x



Type	Cabinet depth (mm)
RAX-VP-D50-X1	600
RAX-VP-D51-X1	800
RAX-VP-D52-X1	900
RAX-VP-D53-X1	1000
RAX-VP-D54-X1	1100
RAX-VP-D55-X1	1200

### ■ RAB-VP-D5x-X1, RAC-VP-D5x-X1

Cable management rail for RTA, RYA, RDA, RDE skeleton.

**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 rails
- when taxiing with a 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-X47-X1

**RAX-MS-X47-X1**

Direct mounting castors set.

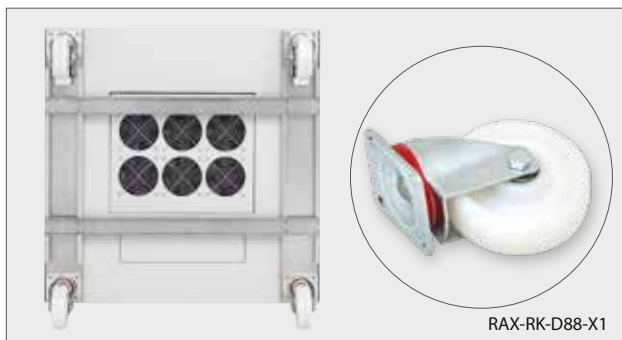
**Max. recommended load capacity\*:**

- 500 kg for type RDA, **RDE**, RIE, RTA, RYA, 600 mm wide,
- 600 kg for type RDA, **RDE**, RIE, RTA, RYA, 800 mm wide,
- 900 kg for type RSX (XD), RSX-F.

The height of the cabinet is increased by 155 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-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



RAX-RK-T88-X1

Cabinet depth (mm)	Cabinet width (mm)	
	600	800
600	RAX-RK-T66-X1	RAX-RK-T86-X1
800	RAX-RK-T68-X1	RAX-RK-T88-X1
900	RAX-RK-T69-X1	RAX-RK-T89-X1
1000	RAX-RK-T61-X1	RAX-RK-T81-X1
1100	RAX-RK-T60-X1	RAX-RK-T80-X1
1200	RAX-RK-T62-X1	RAX-RK-T82-X1

**RAX-RK-Txx-X1**

Castors with reinforcing frame.

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

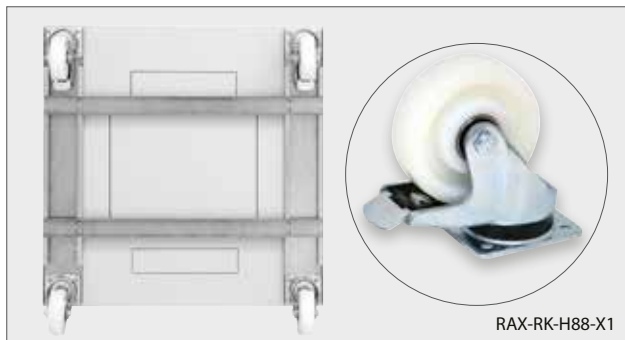
**Max. recommended load capacity\*:**

- 1500 kg for type RTA, RYA, RDA, **RDE**.

The height of the cabinet is increased by 143 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-H88-X1

Cabinet depth (mm)	Cabinet width (mm)	
	600	800
600	RAX-RK-H66-X1	RAX-RK-H86-X1
800	RAX-RK-H68-X1	RAX-RK-H88-X1
900	RAX-RK-H69-X1	RAX-RK-H89-X1
1000	RAX-RK-H61-X1	RAX-RK-H81-X1
1100	RAX-RK-H60-X1	RAX-RK-H80-X1
1200	RAX-RK-H62-X1	RAX-RK-H82-X1

## ■ RAX-RK-Hxx-X1

Castors with reinforcing frame.

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

### Max. recommended load capacity:

- 1600 kg for type RTA, RYA,

- 1900 kg for type RDA, **RDE**.

The height of the cabinet is increased by 168 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

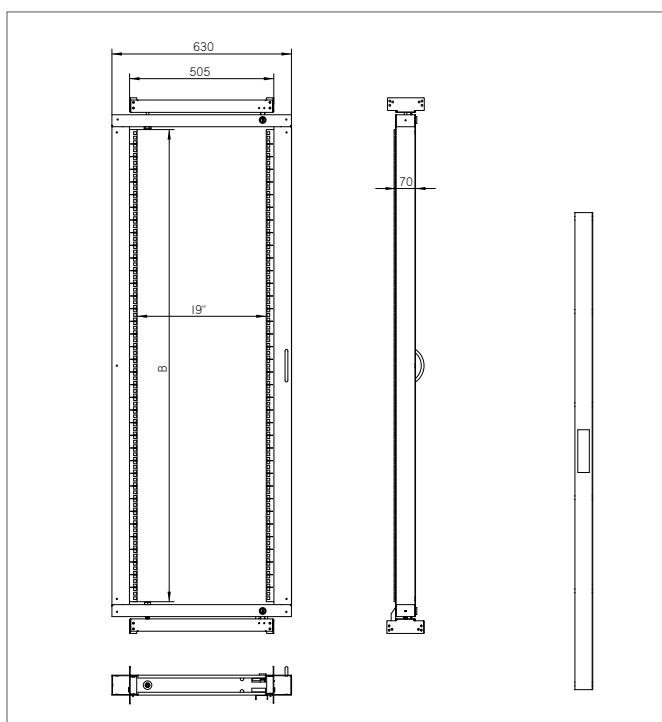
## Swing frame

■ 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





# Heavy-duty server cabinet RDE

Welded server cabinet with removable covers, prepared for the installation of independent airconditioning units. RDE series cabinets are mainly designed for the installation of servers and active devices together with Cosmotec-Stulz airconditioners.

## PRODUCT DETAILS

### Rigid construction

The RDE has a robust welded construction, which is made completely of 2 mm thick material. High quality workmanship and the latest technology ensure excellent design of the cabinet.

### Airconditioning units

ETE roof mounted air conditioning units can be installed on RDE cabinets for active temperature control inside the cabinet. For their installation, it is necessary to use the corresponding adaptors according to the type of unit and the required orientation of the cooling air flow (along the side walls or at the front and rear walls). The appropriate unit should be selected based on information about the thermal output of the installed equipment, the ambient temperature and the size of the cabinet. Our specialists are ready to assist you in the selection process. By installing air conditioning, the IP rating of the entire assembly drops to IP20.

### Cable entries

The cable entry at the cabinet top and bottom of 300 x 100 mm is sealed with a blanking panel. All cable entries must be properly sealed especially against the dust and humidity, which could in airconditioned area start condensing and could also damage installed equipment. Furthermore it could start freezing inside of the A/C unit which can lead to its break down. A blanking panel with sealed cable grommets is part of the cabinet supply.

### Ceiling blanking panel

The large ceiling blanking panel allows the installation of the air conditioner with the airflow orientation exactly according to the needs of the installed equipment. By installing the air conditioner, the IP rating of the entire assembly drops to IP20.

### IP54

The RDE series cabinets with higher protection are designed to protect equipment especially against the harmful effects of water and dust. The perforation of the roof is only a design feature and does not reduce the protection level of the cabinet. The side covers are bolted to the skeleton and, like the doors, are fitted with a foam seal. There are holes in the covers to allow the enclosures to be joined into assemblies.

### Multipoint locking system

The sliding locking system ensures perfect sealing of the door against the cabinet skeleton. The system is compatible with handles and locks from the world's leading manufacturers, including electronic and code locks.

### Flexible door opening

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

### 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.

### Adjustable vertical rails

Strengthened 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

RDE has a welded frame and removable side and rear panels. These are fixed to the frame using a lock with with safety countersunk 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.

### 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 cabinets 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).

**Wider body rails**

Wide cabinet skeleton rails are intended for an additional installation of 19" power distribution units that afterwards do not occupy space within the cabinet. Thanks to this smart solution it does not block sliding servers even within the 600 mm cabinet type.

**Accessories in skeleton rails**

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

**OPTIONAL ACCESSORIES****RAX-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 skeleton rail.

**RAX-KL-ETE-Yx**

Air conditioning units.

**RAX-RV-Xxx-XV**

Adapters for air conditioning units.

**RAX-RV-Xxx-XV**

The adapter for IP5x cover that allows installation of standard fan unit (filter for cabinet bottom for air intake included).

**RAX-RV-V66-X1**

The IP5X cover for standard fan unit, installation on adapter.

**Swing frame**

The 800 mm wide RDE 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 IP54 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 wing door with foam sealing in versions of solid metal or glazed with safety tempered glass 4mm (they can be on the front or back of the cabinet), to reach required sealing these are equipped by multipoint locking as standard,
  - 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 screwed and sealed blanking panels are placed in the top and the bottom part of the cabinet.
- The maximum recommended static load of the cabinet is 1800 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-X47-X1 castor set for direct mounting on the cabinet (the height of the cabinet is increased by 155 mm), the maximum total load capacity must be observed including the weight of the cabinet:
  - 500 kg for 600 mm wide,
  - 600 kg for 800 mm wide.
- When using the RAX-RK-Dxx-X1 castor set with reinforcing frame (RAX-MS-X47-X1 castors included), the maximum total load capacity is 1050 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.
- When using the RAX-RK-Txx-X1 castor set with reinforcing frame, the maximum total load capacity is 1500 kg including the weight of the cabinet\*\*. The height of the cabinet is increased by 143 mm. The specified load capacity is valid for both 600 and 800 mm cabinet widths.
- When using the RAX-RK-Hxx-X1 castor set with reinforcing frame, the maximum total load capacity is 1900 kg including the weight of the cabinet\*\*. The height of the cabinet is increased by 168 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 adjust any differences using the levelling feet.

### 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 EZÚ CZ and fully in accordance with ČSN EN 62208 ed.2:2012 (EN 62208:2011). Latest certificate is available at [www.triton-racks.com/certificates](http://www.triton-racks.com/certificates).

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\* 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.







# RPA

Cabinet for industrial applications – separate sections, suitable for computer installations, IP20, capacity 400 kg



#### ■ Cooling perforation

The RPA cabinet has a perforated top and base for natural air intake. There is a breakout opening on the roof for fan unit installation to support the cooling of installed technology.



#### ■ Flexible door opening

The own hinge system allows the door to be opened at an angle of 165°. The door can be easily removed and re-mounted to change the direction of opening.



#### ■ TRITON handles

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



#### ■ Adjustable vertical rails

Vertical 19" rails can be adjusted freely in any depth of the cabinet. This simplifies the mounting of devices and configuration of connecting cables.

#### RPA with IP20 protection

has a perforation in the base and top part including cable entries and preparations for fan units.



#### Three independently lockable sections

RPA cabinet has three independently lockable sections. The upper and bottom section are locked by a TRITON handle-lock; the slide-out middle section, intended for a keyboard and a mouse, has a single point lock. All sections in the standard version are operated by the same key.

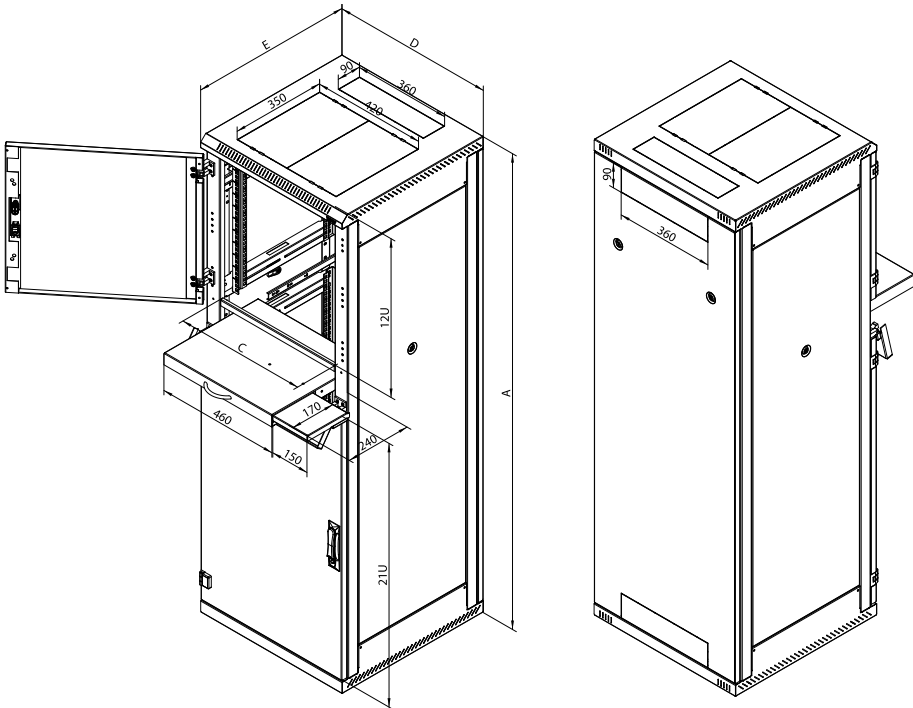
RPA								
Type	A	C	D	E	Weight gross (kg)	Weight net (kg)	Maximal recommended load <i>(with legs or base)</i>	IP protection
	(mm)							
RPA-37-A66-CAX-A1	1750	487	600	600	75,6	68,5	400 kg	20
RPA-37-A68-CAX-A1	1750	487	600	800	83,6	77,8	400 kg	20



■ Slide-out section for a keyboard and a mouse



■ Castors, levelling feet  
Prepared for mounting castors and levelling feet. Levelling feet are part of the cabinet supply.





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



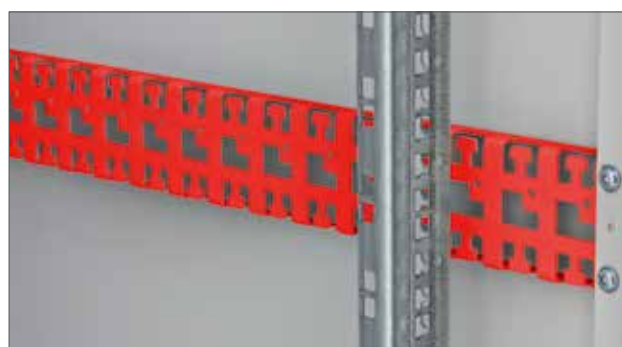
RAC-SS-X01-X1

### ■ RAB-SS-X01-X1, RAC-SS-X01-X1

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

#### Supply

Screw M5 x 12 ..... 4x



Type	Cabinet depth (mm)
RAX-VP-X50-X1	600
RAX-VP-X51-X1	800
RAX-VP-X52-X1	900
RAX-VP-X53-X1	1000
RAX-VP-X54-X1	1100
RAX-VP-X55-X1	1200

### ■ RAB-VP-X5x-X1, RAC-VP-X5x-X1

Cable management rail for RMA, RZA, RPA skeleton.





**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 rails
- 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-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-MS-X81-X1

**■ RAX-MS-X81-X1**

Direct mounting castors set.

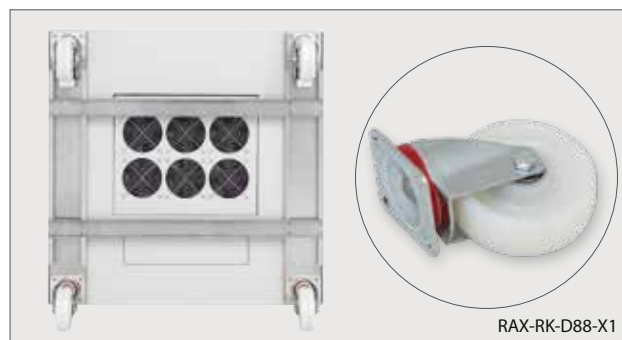
**Max. recommended load capacity\*:**

- 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-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

# Free-standing cabinet RPA

Cabinet for industrial applications – separate sections, suitable for computer installations, has a perforated top and base include break-out opening on the cable entries and fan unit installation.

## PRODUCT DETAILS

### Rigid construction

The RPA has a robust welded construction made of 1 mm thick material. High quality workmanship and the latest technology ensure excellent design of the cabinet.

### Three independently lockable sections

RPA cabinet has three independently lockable sections. The upper and bottom section are locked by a Tritón handle-lock; the slide-out middle section, intended for a keyboard and a mouse, has a single point lock. All sections in the standard version are operated by the same key.

### Flexible door opening

The own hinge system allows the door to be opened at an angle of 165°. The door can be easily removed and re-mounted to change the direction of opening.

### 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.

### TRITON handles

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

### Adjustable vertical rails

Vertical 19" rails can be adjusted freely in any depth of the cabinet. This simplifies mounting of devices and configuration of connecting cables.

### Removable side panels and rear cover

RPA is a cabinet with welded skeleton, removable side panels and rear cover. The covers are attached to the skeleton by locks, as a standard with uniform key.

### 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 RPA 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.

## OPTIONAL ACCESSORIES

### RAX-VP-X5x-X1

Horizontal cable management panel. Installation in the skeleton (rail) of the cabinet in the bottom compartment only.

## DESCRIPTION, USAGE

- 19" free-standing cabinet with IP20 protection.
- Cabinet includes 4 adjustable vertical rails for device mounting.
- Cabinet construction:
  - welded steel frame with removable side panels,
  - single door in versions of solid metal or glazed with safety tempered glass 4 mm on the cabinet front.
- Max. permissible load of the door is 20 kg.
- Min. thickness of the surface finish is 65 µm.
- The cabinets are designed for industrial environments and suitable for installation of computers or control elements of technological 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 400 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 of 200 kg including the weight of the cabinet must be observed.
- 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.
- 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 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](http://www.triton-racks.com/certificates).

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\* 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.

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# RPE

Cabinet for industrial applications – separate sections, suitable for computer installations, IP54, capacity 400 kg



### ■ Protection against dust and humidity

The RPE cabinet has no perforations, all the doors and covers are equipped with a sealing that ensures protection against dust penetration and humidity.



### ■ Flexible door opening

The own hinge system allows the door to be opened at an angle of 165°. The door can be easily removed and re-mounted to change the direction of opening.



### ■ Swing handle closing of upper and lower section

Multi-point locking of cabinets with high IP rating and door sealing required use a more robust handle. Used handle with lock has a standard Tritón universal key.



### ■ Adjustable vertical rails

Vertical 19" rails can be adjusted freely in any depth of the cabinet. This simplifies mounting of devices and configuration of connecting cables.



### ■ IP rating

RPE with IP54 protection has cable entry with covers fixed by screws. One special blanking panel with cable grommets is included in delivery.



### Three independently lockable sections

RPE cabinet has three independently lockable sections. The upper and bottom section are locked by a swing handle-lock; the slide-out middle section, intended for a keyboard and a mouse, has a single point locks. All sections in the standard version are operated by the same key.

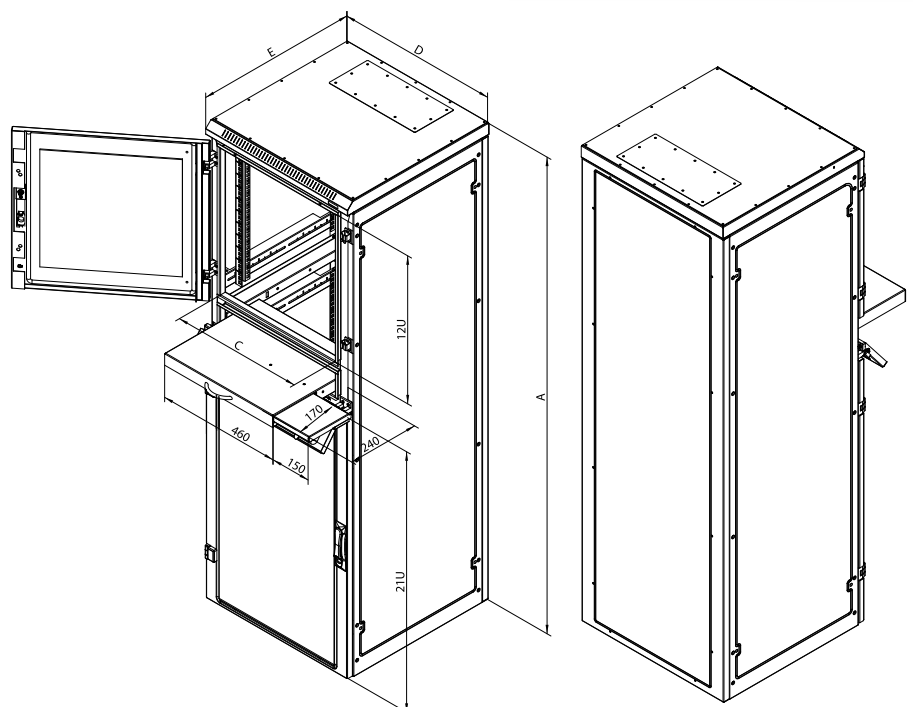
RPE								
Type	A	C	D	E	Weight gross (kg)	Weight net (kg)	Maximal recommended load <i>(with legs or base)</i>	IP protection
	(mm)							
RPE-37-A66-CAX-A1	1750	487	600	600	91,8	84,7	400 kg	54
RPE-37-A68-CAX-A1	1750	487	600	800	102,7	96,8	400 kg	54



■ Slide-out section for a keyboard and a mouse

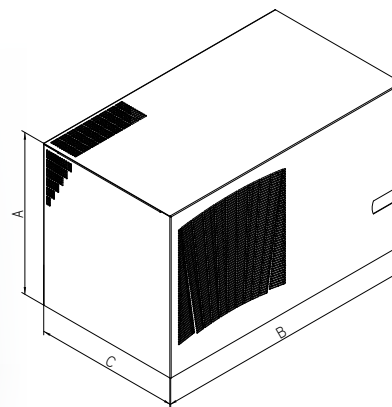


■ Castors, levelling feet  
Prepared for mounting castors and levelling feet. Levelling feet are part of the cabinet supply.





RAC-KL-ETE-X1



Air conditioners with a width of 800 mm can be mounted on 800 mm wide cabinets. When installed as a depth-oriented A/C unit, these units can also be used on 600 mm wide cabinets with a minimum depth of 1000 mm.

A/C units with a width of 600 mm can be mounted on 600 and 800 mm wide cabinets.

## ■ RAB-KL-ETE-Yx, RAC-KL-ETE-Yx

Roof cooling unit ETE. Specially designed for the installation to the top of the cabinet

### Roof cooling unit ETE

Part number	Coolant type	Cooling capacity (W)	External dimensions (A x B x C)	Temperature range set up	Power supply (V/Hz)	Air flow (m³/h)	Electric input (W)	Noise level (dB)	Weight (kg)
RAx-KL-ETE-Y1	R134a	1400	450 x 600 x 408	electrical thermostat	230/50-60	575	950	58	48
RAx-KL-ETE-Y2	R134a	2000	450 x 600 x 408	electrical thermostat	230/50-60	860	1200	62	51,5
RAx-KL-ETE-Y3	R134a	2700	485 x 800 x 465	electrical thermostat	230/50-60	860	1580	77	74,5
RAx-KL-ETE-Y4	R134a	3800	485 x 800 x 465	electrical thermostat	230/50-60	1450	2000	77	76,5

## ■ RAB-RV-Xxx-Xx, RAC-RV-Xxx-Xx

Airconditioning unit adapters

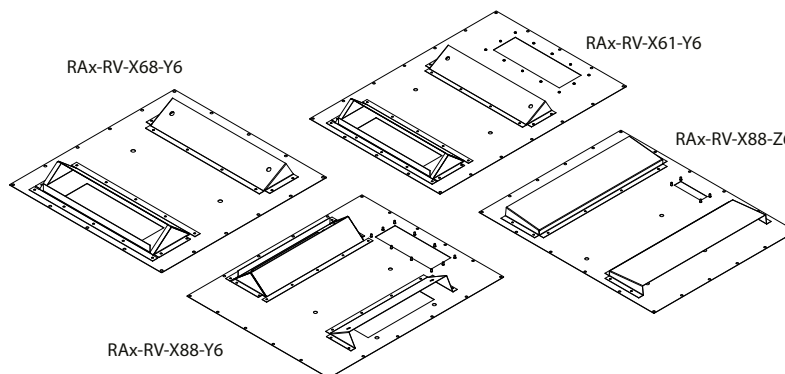
### Delivery contain

**A:** 12 pcs. screw M5x12 with integrated washer, 6 pcs. screw M5x12 countersunk head, 18 pcs. rubber gasket

**B:** 20 pcs M5x12 screw with integrated washer, 20 pcs rubber gasket

**C:** 14 pcs. screw M5x12 with integrated washer, 6 pcs. screw M5x12 countersunk head, 20 pcs. rubber gasket

**D:** 22 pcs M5x12, 22 pcs rubber gasket



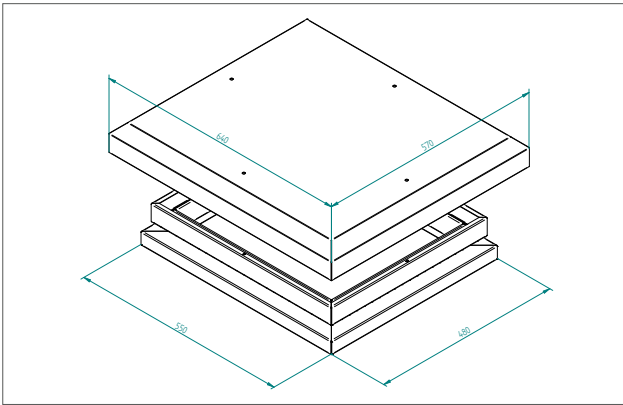
### Adapter for air conditioners types and dimensions

Type	Cabinet width (mm)	Cabinet depths (mm)	A/C unit type	Direction of A/C installation	Assembly set	Cable entry (number of cables)
RAx-RV-X66-Z6	600	600	Y1, Y2	into the cabinet width	A	SXx-SA-K03-X1 (2 x Ø 5-9 mm; 2 x Ø 7-12 mm)
RAx-RV-X68-Y6	600	800	Y1, Y2	into the cabinet depth	B	does not have a cable input
RAx-RV-X68-Z6	600	800	Y1, Y2	into the cabinet width	A	SXx-SA-K03-X1 (2 x Ø 5-9 mm; 2 x Ø 7-12 mm)
RAx-RV-X61-Y6	600	1000,1100,1200	Y1, Y2	into the cabinet depth	B	RAx-PB-X01-X1-X1 (29 x Ø 7-12 mm; 4 x Ø 7-14 mm; 4 x Ø 11-20 mm; 1 x Ø 16-29 mm)*
RAx-RV-X61-Z6	600	1000,1100,1200	Y1, Y2	into the cabinet width	C	RAx-PB-X01-X1 (29 x Ø 7-12 mm; 4 x Ø 7-14 mm; 4 x Ø 11-20 mm; 1 x Ø 16-29 mm)*
RAx-RV-X61-Y8	600	1000,1100,1200	Y3, Y4	into the cabinet depth	B	does not have a cable input
RAx-RV-X86-Z6	800	800	Y1, Y2	into the cabinet depth	B	SXx-SA-K03-X1 (2 x Ø 5-9 mm; 2 x Ø 7-12 mm)
RAx-RV-X88-Y6	800	800	Y1, Y2	into the cabinet depth	B	SXx-SA-K02-X1 (29 x Ø 7-12 mm; 4 x Ø 7-14 mm; 4 x Ø 11-20 mm; 1 x Ø 16-29 mm)
RAx-RV-X88-Z6	800	800	Y1, Y2	into the cabinet width	B	SXx-SA-K03-X1 (2 x Ø 5-9 mm; 2 x Ø 7-12 mm)
RAx-RV-X88-Z8	800	800	Y3, Y4	into the cabinet width	B	SXx-SA-K02-X1 (29 x Ø 7-12 mm; 4 x Ø 7-14 mm; 4 x Ø 11-20 mm; 1 x Ø 16-29 mm)
RAx-RV-X81-Y6	800	1000,1100,1200	Y1, Y2	into the cabinet depth	D	RAx-PB-X01-X1-X1 (29 x Ø 7-12 mm; 4 x Ø 7-14 mm; 4 x Ø 11-20 mm; 1 x Ø 16-29 mm)*
RAx-RV-X81-Z6	800	1000,1100,1200	Y1, Y2	into the cabinet width	D	RAx-PB-X01-X1-X1 (29 x Ø 7-12 mm; 4 x Ø 7-14 mm; 4 x Ø 11-20 mm; 1 x Ø 16-29 mm)*
RAx-RV-X81-Y8	800	1000,1100,1200	Y3, Y4	into the cabinet depth	D	SXx-SA-K02-X1 (29 x Ø 7-12 mm; 4 x Ø 7-14 mm; 4 x Ø 11-20 mm; 1 x Ø 16-29 mm)
RAx-RV-X81-Z8	800	1000,1100,1200	Y3, Y4	into the cabinet width	D	RAx-PB-X01-X1-X1 (29 x Ø 7-12 mm; 4 x Ø 7-14 mm; 4 x Ø 11-20 mm; 1 x Ø 16-29 mm)*

\* (same type of grommet supplied with the enclosure with increased IP protection)



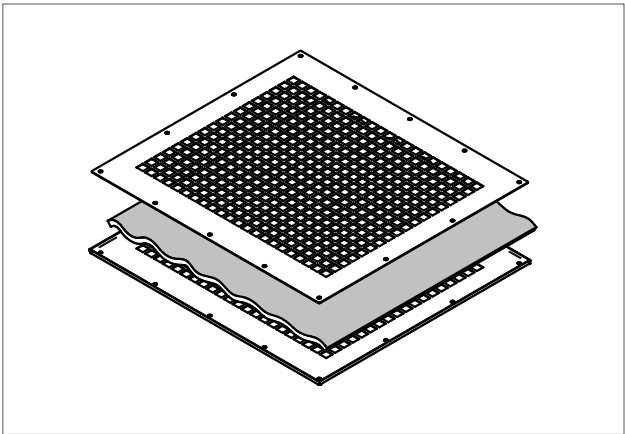
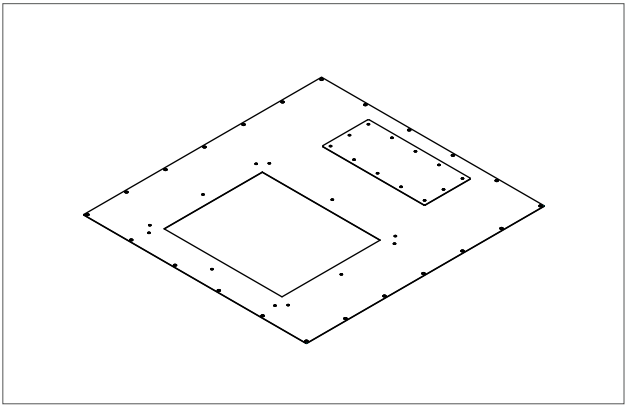
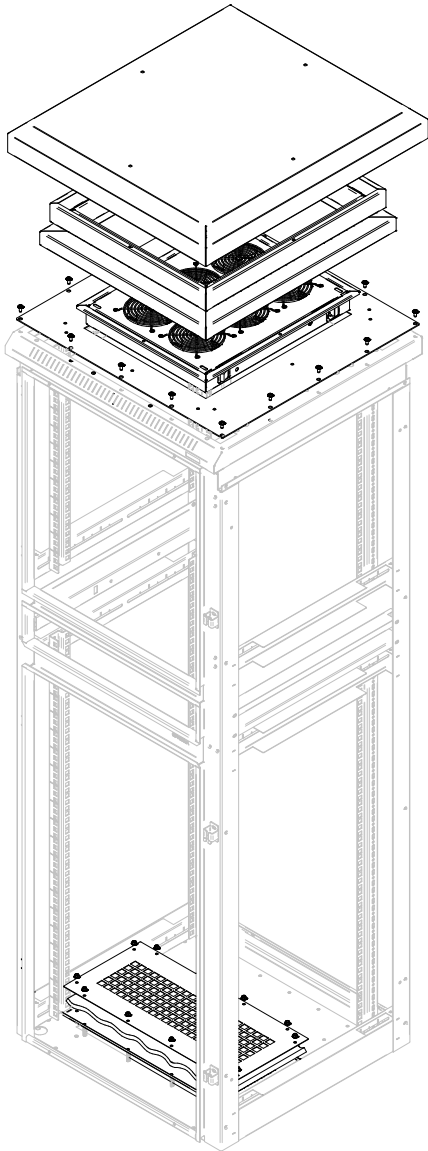
# IP5x fan unit cover



## ■ RAB-RV-V66-X1, RAC-RV-V66-X1

IP5x fan unit cover

The unique cover of the standard fan unit allows its use even on cabinets with high IP protection (RIE, **RPE**, RDE). The cover prevents water and dust from entering the cabinet (dust when the fan is running). It is necessary to combine it with the appropriate Adapter for mounting the fan unit according to the cabinet width and depth and the top roof fan unit with the capacity according to the needs of the installed equipment.



Type	Cabinet with and depth (mm)
RAx-RV-X66-XV	600 x 600
RAx-RV-X68-XV	600 x 800

## ■ RAB-RV-Xxy-XV, RAC-RV-Xxy-XV

Adapter for fan unit installation

The adapter is used for mounting a standard top roof Tritón fan unit on racks with high IP protection. The IP5x fan unit cover is then mounted on this adapter. Along with the adapter, a filter is supplied to the base of the cabinet for clean air access. When using this kit we recommend installing the cabinet on the base.



## ■ Fan unit cover



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



**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 rails
- 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-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-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,

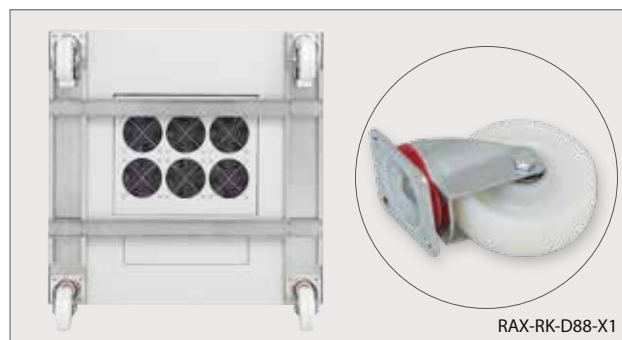
- 400 kg for type RMA, RZA, RIE, 800 mm wide,

- 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-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

# Free standing cabinet RPE

Cabinet with IP54 protection for industrial applications – separate sections, suitable for computer installations especially for the dusty environment.

## PRODUCT DETAILS

### Rigid construction

The RPE has a robust welded construction made completely of 2 mm thick material.

### Three independently lockable sections

RPE cabinet has three independently lockable sections. The upper and bottom section are locked by a Tritón handle-lock; the slide-out middle section, intended for a keyboard and a mouse, has a single point lock. All sections in the standard version are operated by the same key.

### Cable entries

Cable entry with size 300 x 100 mm at the top and bottom part is sealed by screwed blanking panel. All cable entries must be properly sealed especially against the dust and humidity, which could in airconditioned area start condensing and could also damage installed equipment. Furthermore it could start freezing inside of the A/C unit which can lead to its break down. A blanking panel with sealed cable grommets is part of the cabinet supply.

### Ceiling blanking panel

The large ceiling blanking panel allows the installation of the air conditioner with the airflow orientation exactly according to the needs of the installed equipment. By installing the air conditioner, the IP rating of the entire assembly drops to IP20. For more details please refer section Accessories - Active cooling.

### IP54

The RPE series cabinets with higher protection are designed to protect equipment especially against the harmful effects of water and dust. The perforation of the roof is only a design feature and does not reduce the protection level of the cabinet. The side covers are bolted to the skeleton and, like the doors, are fitted with a foam seal. There are holes in the covers to allow the cabinets to be joined into assemblies.

### Multipoint locking system

The sliding locking system ensures perfect sealing of the door against the cabinet skeleton. The system is compatible with handles and locks from the world's leading manufacturers, including electronic and code locks.

### Flexible door opening

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

### 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 meets 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.

### Adjustable vertical rails

19" vertical 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

RPE has a welded frame and removable side and rear panels. These are fixed to the frame using a lock with safety countersunk 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.

### Bonding

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

## OPTIONAL ACCESSORIES

### RAx-KL-ETE-Yx

Air conditioning units.

### RAx-RV-Xxx-XV

Adapters for air conditioning units.



## **RAX-RV-Xxx-XV**

The adapter for IP5x cover that allows installation of standard fan unit (filter for cabinet bottom for air intake included).

## **RAX-RV-V66-X1**

The IP5X cover for standard fan unit, installation on adapter.

### **DESCRIPTION, USAGE**

- 19" free-standing cabinet with IP54 protection.
- Cabinet includes 4 adjustable vertical rails for device mounting.
- Cabinet construction:
  - welded steel frame with removable side panels sealed by PUR foam,
  - single wing door with PUR foam sealing in versions of solid metal or glazed with safety tempered glass 4 mm (they can be on the front or of the cabinet only), to reach required sealing these are equipped by multipoint locking as standard.
- Max. permissible load of the door is 20 kg.
- Min. thickness of the surface finish is 65 µm.
- The cabinets are designed for industrial environments and suitable for installation of computers or control elements of technological 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 screwed and sealed blanking panels are placed in the top and the bottom part of the cabinet.
- The maximum recommended static load of the cabinet is 400 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 of 200 kg including the weight of the cabinet must be observed.
- 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.
- 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 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.

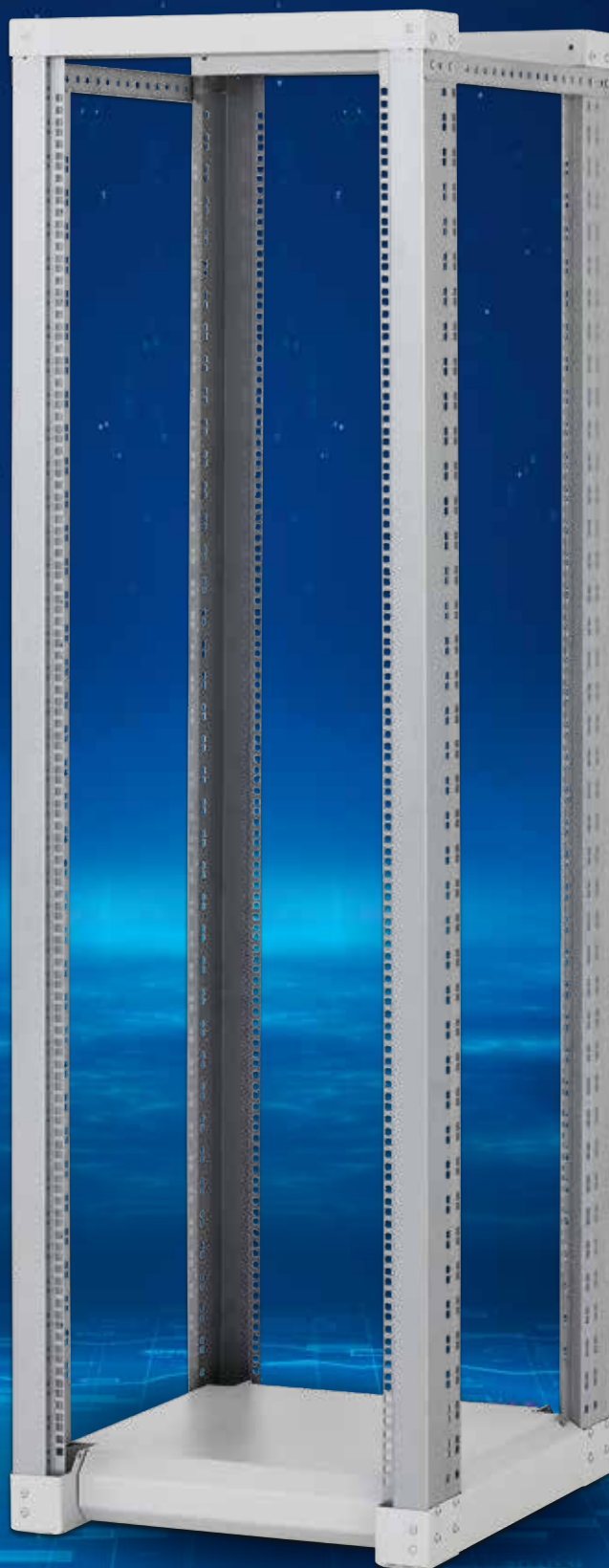
## Certificate and conformity

- This product is fully in accordance with ČSN EN 62208 ed.2:2012 (EN 62208:2011).

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*\* 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.*



# RSX

19" open frames suitable for the installation of equipment in protected environments, capacity 150 kg (single frame) and 800 kg (double frame).



### ■ Rigid construction

Vertical profile rails provide a high maximum loading capacity and a rigidity of an open frame.

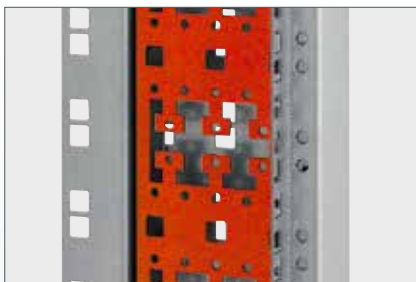


### ■ Profile fixation



### ■ Castors, levelling feet

Preparation for mounting of castors and levelling feet. Levelling feet are part of the frame supply.

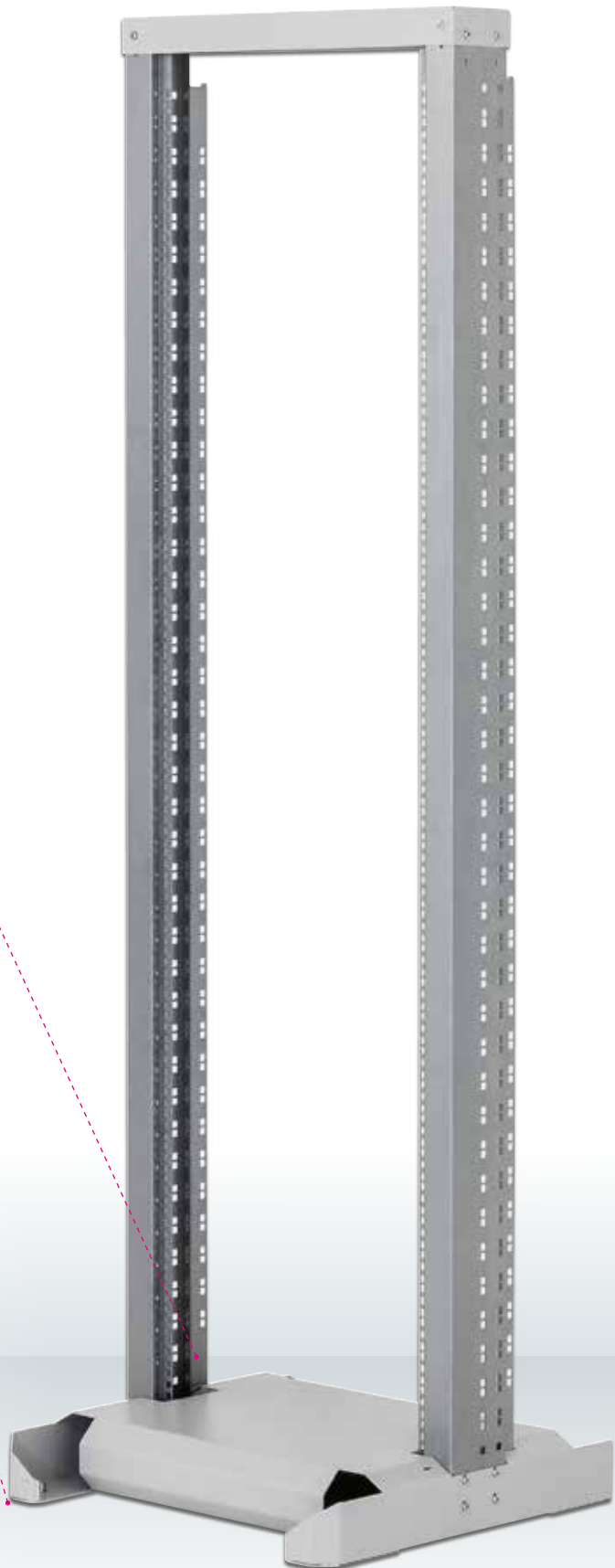


### ■ RAX-VP-Vxx-X2

vertical cable management (optional accessories).



### ■ Power distribution units (optional accessory).



#### Single section frames

We recommend the single section open frames for simple installations without heavy components.

#### Double section frames

The double section 19" open frame is more suitable for installation of heavier and larger devices. During the development, we have focused on construction simplicity, easy installation and maintenance.



**Single section 600 x 600**

Type	A	B	D	E	Weight gross (kg)	Weight net (kg)	Maximal recommended load (with legs)
	(mm)						
RSX-27-XS6-CXX-A1	1340		600	600	24,2	19,0	150 kg
RSX-32-XS6-CXX-A1	1560		600	600	25,4	20,1	
RSX-37-XS6-CXX-A1	1784		600	600	26,5	21,3	
RSX-42-XS6-CXX-A1	2005		600	600	27,7	22,4	
RSX-45-XS6-CXX-A1	2140		600	600	28,4	23,1	

**Double section 600 x 600**

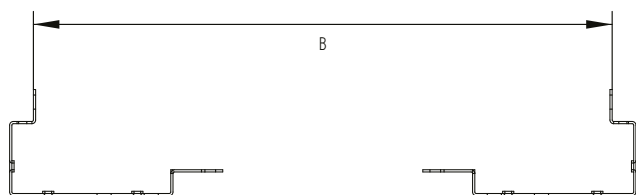
Type	A	B	D	E	Weight gross (kg)	Weight net (kg)	Maximal recommended load (with legs)
	(mm)						
RSX-27-XD6-CXX-A1	1340	564	600	600	35,0	29,7	800 kg
RSX-32-XD6-CXX-A1	1560	564	600	600	37,3	32,0	
RSX-37-XD6-CXX-A1	1784	564	600	600	39,6	34,3	
RSX-42-XD6-CXX-A1	2005	564	600	600	41,9	36,6	
RSX-45-XD6-CXX-A1	2140	564	600	600	43,3	38,0	

**Double section 600 x 700**

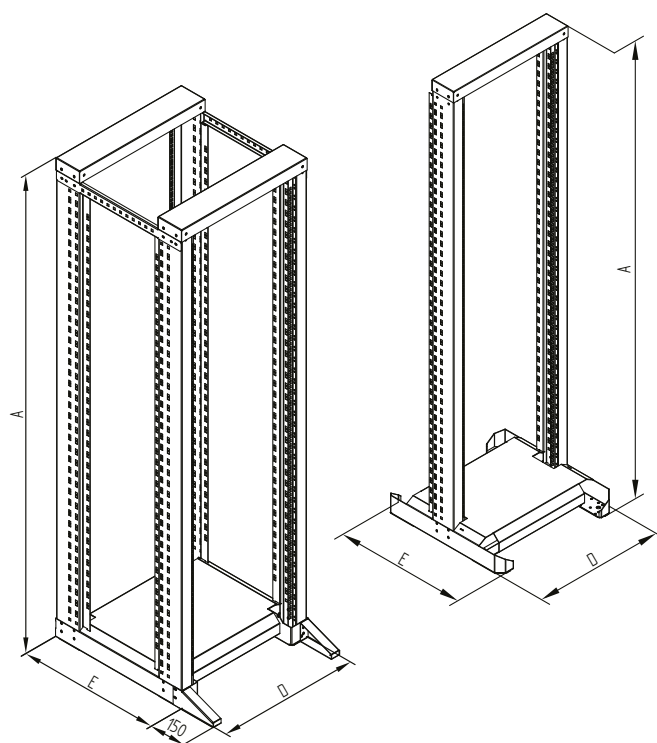
Type	A	B	D	E	Weight gross (kg)	Weight net (kg)	Maximal recommended load (with legs)
	(mm)						
RSX-27-XD7-CXX-A1	1340	664	600	700	36,9	31,4	800 kg
RSX-32-XD7-CXX-A1	1560	664	600	700	39,2	33,7	
RSX-37-XD7-CXX-A1	1784	664	600	700	41,5	36,0	
RSX-42-XD7-CXX-A1	2005	664	600	700	43,8	38,3	
RSX-45-XD7-CXX-A1	2140	664	600	700	45,2	39,6	

**Double section 600 x 800**

Type	A	B	D	E	Weight gross (kg)	Weight net (kg)	Maximal recommended load (with legs)
	(mm)						
RSX-27-XD8-CXX-A1	1340	764	600	800	38,5	32,9	800 kg
RSX-32-XD8-CXX-A1	1560	764	600	800	40,8	35,3	
RSX-37-XD8-CXX-A1	1784	764	600	800	43,1	37,6	
RSX-42-XD8-CXX-A1	2005	764	600	800	45,4	39,9	
RSX-45-XD8-CXX-A1	2140	764	600	800	46,8	41,2	

**■ Stabilization kit**

It is mounted additionally on the base of the double section frame and increases stability of the whole set in case of installation of slide-out devices, e.g. servers. It is part of delivery of the double frame.





RAB-VP-H42-Y1

Single row	For height (U)
RAB-VP-H10-Y1	10
RAB-VP-H15-Y1	15
RAB-VP-H18-Y1	18
RAB-VP-H22-Y1	22
RAB-VP-H27-Y1	27
RAB-VP-H32-Y1	32
RAB-VP-H37-Y1	37
RAB-VP-H42-Y1	42
RAB-VP-H45-Y1	45
RAB-VP-H47-Y1	47

### ■ RAB-VP-Hxx-Y1

Cable management vertical panel – **single** row, for cabinets 600 or 800 mm wide and open frames RAL9005 (optional accessory).



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-VP-V42-X2



RAB-VP-H42-X1

Double row	For height (U)
RAB-VP-H10-X1	10
RAB-VP-H15-X1	15
RAB-VP-H18-X1	18
RAB-VP-H22-X1	22
RAB-VP-H27-X1	27
RAB-VP-H32-X1	32
RAB-VP-H37-X1	37
RAB-VP-H42-X1	42
RAB-VP-H45-X1	45
RAB-VP-H47-X1	47

### ■ RAB-VP-Hxx-X1

Cable management vertical panel – **double** row, for cabinets 800 mm wide and open frames RAL9005 (optional accessory).



RAX-MS-X47-X1

### ■ RAX-MS-X47-X1

Direct mounting castors set.

#### Max. recommended load capacity\*:

- 500 kg for type RDA, RDE, RIE, RTA, RYA, 600 mm wide,
- 600 kg for type RDA, RDE, RIE, RTA, RYA, 800 mm wide,
- 900 kg for type **RSX (XD)**, RSX-F.

The height of the cabinet is increased by 155 mm.

#### Set

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

Type	Height (U)
RAX-VP-V32-X2	32
RAX-VP-V37-X2	37
RAX-VP-V42-X2	42
RAX-VP-V45-X2	45
RAX-VP-V47-X2	47

### ■ RAX-VP-Vxx-X2

Vertical cable management rail for RTA, RYA, RDA, **RSX** and RSX-F cabinets and frames (optional accessory).

# 19" open frame RSX

19" open frames suitable for the installation of equipment in protected environments, capacity 150 kg (single frame) and 800 kg (double frame).

## PRODUCT DETAILS

### High structural strength

Vertical profile rails ensure the high load capacity and strength of the open frame.

### Castors, levelling feet

Preparation for mounting castors and levelling feet. The feet are included in the package.

### Stabilization set

It is mounted additionally to the base of the open frame and increases the stability of the entire assembly when installing slide-out devices such as servers. The kit is included in the rack package.

## OPTIONAL ACCESSORIES

### RAB-VP-Hxx-x1

Vertical cable management panel.

### RAX-VP-Vxx-X2

Vertical cable management rail.

### Power distribution units

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

## DESCRIPTION, USAGE

- 19" frames are targeted for use in designated areas.
- Frame construction:
  - demountable,
  - metal parts bolted together,
  - 19" profile frame is designed to be placed directly on the floor using and levelling feet or castors. Levelling feet are part of the frame supply.
- Min. thickness of the surface finish is 65 µm.

## ADDITIONAL INFORMATION

### Operating conditions

- **Operating environment:**
  - the indoor environment,
  - the open frame 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 frame 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 frame or installed equipment,
  - change of the construction or design of the frame.
- When using the RAX-MS-X81-X1 castor set for direct mounting on the frame (the height of the cabinet is increased by 108 mm), the maximum total load capacity of 450 kg including the weight of the frame must be observed.
- When using the RAX-MS-X47-X1 castor set for direct mounting on the frame (the height of the cabinet is increased by 155 mm), the maximum total load capacity of 900 kg including the weight of the frame must be observed.
- To guarantee stability, at least 65 % of the load must be installed in the lower half of the frame height.
- The relevant standards\* must be observed when taxiing with a loaded frame.

### 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 frame must be placed on a level floor and adjust any differences using the levelling feet.

**Environmental protection**

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

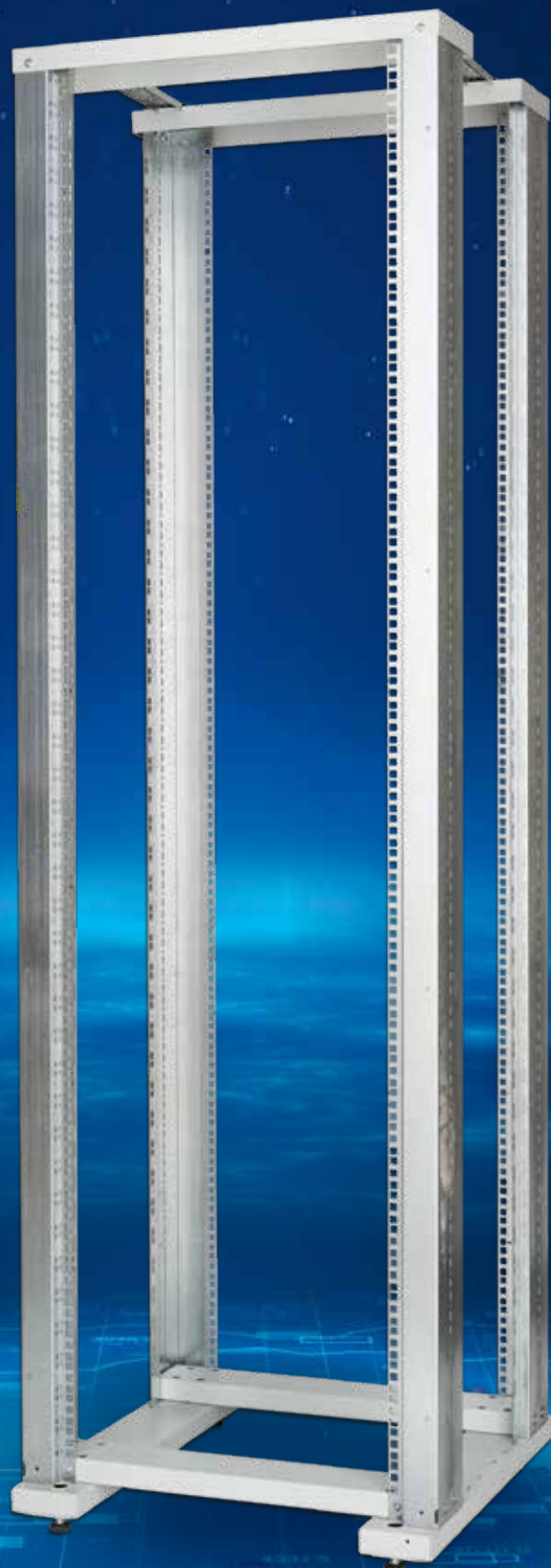
**Certificate and conformity**

- This product is in accordance with ČSN EN 60297-3-100 : 2009 (IEC 60297-3-100:2008).

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*\* 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.*



# RSX-F

19" open frames suitable for the installation of equipment  
in protected area, capacity 800 kg





#### ■ Rigid construction

Vertical profile rails provide a high maximum loading capacity and a rigidity of an open frame.



#### ■ Profile fixation



#### ■ Easy assembly

Quick-connection detail.



#### ■ Castors, levelling feet

Preparation for mounting of castors and levelling feet. Levelling feet are part of the frame supply.



#### ■ Power distribution units (optional accessory).



#### Open frame - FLEX

RSX-F open frame is supplied as double section only. Front and rear frame may be placed on the base in variety of distances to support installation of equipment with different depth.

Two versions are available. Model XD8 serves installation of equipment with mounting depth from 415mm to 715mm, model XD2 is made for equipment from 815mm to 1115mm.

**600 x 800**

Type	A	B	D	E	Weight gross (kg)	Weight net (kg)	Maximal recommended load (with legs)
	(mm)						
RSX-27-XD8-CXX-AF	1300	415 - 715	600	800	29	28,5	800 kg
RSX-32-XD8-CXX-AF	1525	415 - 715	600	800	31,5	31	
RSX-37-XD8-CXX-AF	1750	415 - 715	600	800	34	33	
RSX-42-XD8-CXX-AF	1970	415 - 715	600	800	36	35	
RSX-45-XD8-CXX-AF	2105	415 - 715	600	800	37,5	36,5	
RSX-47-XD8-CXX-AF	2194	415 - 715	600	800	38,5	37,5	

**600 x 1200**

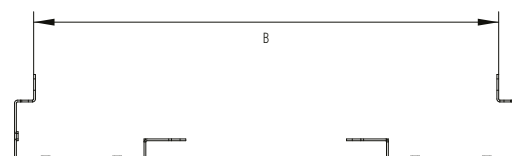
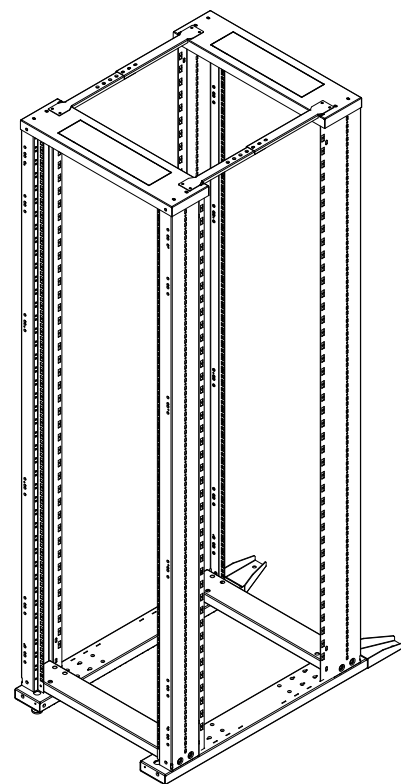
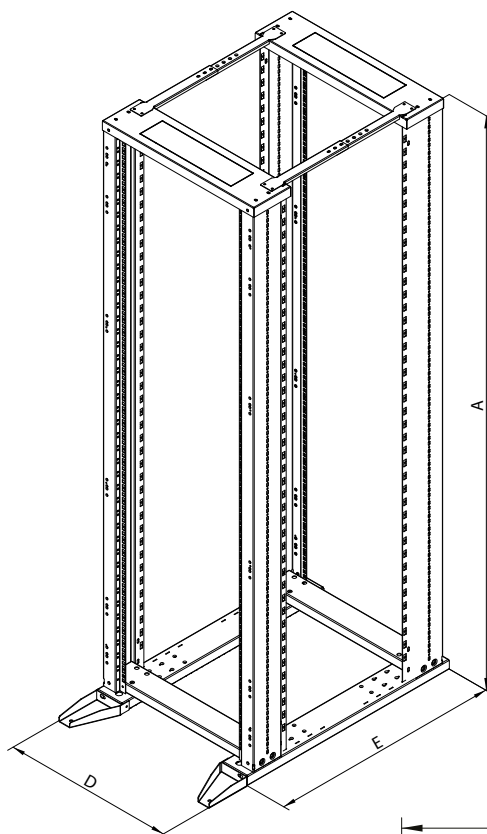
Type	A	B	D	E	Weight gross (kg)	Weight net (kg)	Maximal recommended load (with legs)
	(mm)						
RSX-27-XD2-CXX-AF	1300	815 - 1115	600	1200	31	30,5	800 kg
RSX-32-XD2-CXX-AF	1525	815 - 1115	600	1200	33,5	33	
RSX-37-XD2-CXX-AF	1750	815 - 1115	600	1200	36	35	
RSX-42-XD2-CXX-AF	1970	815 - 1115	600	1200	38	37	
RSX-45-XD2-CXX-AF	2105	815 - 1115	600	1200	40	39	
RSX-47-XD2-CXX-AF	2194	815 - 1115	600	1200	41	40	

**Easy to transport**

The open frame is delivered disassembled for easy transport and delivery at the installation site even in difficult to reach areas.

**Stabilization set**

It is mounted additionally on the base of the frame and increases stability of the whole set in case of installation of slide-out devices, e.g. servers. It is part of delivery of the frame.





RAB-VP-H42-Y1

Single row	For height (U)
RAB-VP-H10-Y1	10
RAB-VP-H15-Y1	15
RAB-VP-H18-Y1	18
RAB-VP-H22-Y1	22
RAB-VP-H27-Y1	27
RAB-VP-H32-Y1	32
RAB-VP-H37-Y1	37
RAB-VP-H42-Y1	42
RAB-VP-H45-Y1	45
RAB-VP-H47-Y1	47

### ■ RAB-VP-Hxx-Y1

Cable management vertical panel – **single row**, RAL9005 (optional accessory)



RAB-VP-H42-X1

Double row	For height (U)
RAB-VP-H10-X1	10
RAB-VP-H15-X1	15
RAB-VP-H18-X1	18
RAB-VP-H22-X1	22
RAB-VP-H27-X1	27
RAB-VP-H32-X1	32
RAB-VP-H37-X1	37
RAB-VP-H42-X1	42
RAB-VP-H45-X1	45
RAB-VP-H47-X1	47

### ■ RAB-VP-Hxx-X1

Cable management vertical panel – **double row**, RAL9005 (optional accessory)



RAX-MS-X47-X1

### ■ RAX-MS-X47-X1

Direct mounting castors set.

#### Max. recommended load capacity\*:

- 500 kg for type RDA, RDE, RIE, RTA, RYA, 600 mm wide,
- 600 kg for type RDA, RDE, RIE, RTA, RYA, 800 mm wide,
- 900 kg for type RSX (XD), **RSX-F**.

The height of the cabinet is increased by 155 mm.

#### Set

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



RAX-VP-V42-X2



RAC-VP-D50-X1

Type	Cabinet depth (mm)
RAX-VP-D50-X1	600
RAX-VP-D51-X1	800
RAX-VP-D52-X1	900
RAX-VP-D53-X1	1000
RAX-VP-D54-X1	1100
RAX-VP-D55-X1	1200

### ■ RAB-VP-D5x-X1, RAC-VP-D5x-X1

Cable management rail for RDA, RTA, RYA, **RSX-F** skeleton.

Type	Height (U)
RAX-VP-V32-X2	32
RAX-VP-V37-X2	37
RAX-VP-V42-X2	42
RAX-VP-V45-X2	45
RAX-VP-V47-X2	47

### ■ RAX-VP-Vxx-X2

Vertical cable management rail for RTA, RYA, RDA, RSX and **RSX-F** cabinets (optional accessory).

# 19" open frame RSX-F

19" open frames suitable for the installation of equipment in protected environments, capacity 800 kg.

## PRODUCT DETAILS

### Single section frames

We recommend the single section open frames for simple installations without heavy components.

### Double section frames

The double section 19" open frame is more suitable for installation of heavier and larger devices. During the development, we focused on the simplicity of construction, easy installation and maintenance.

### High structural strength

Vertical profile rails ensure the high load capacity and strength of the open frame.

### Castors, levelling feet

Preparation for mounting castors and levelling feet. The feet are included in the package.

### Stabilization set

It is mounted additionally to the base of the open frame and increases the stability of the entire assembly when installing slide-out devices such as servers. The kit is included in the rack package.

## OPTIONAL ACCESSORIES

### RAB-VP-Hxx-x1

Vertical cable management panel.

### RAX-VP-Vxx-X2

Vertical cable management rail.

### RAX-VP-D5x-X1

Horizontal cable management rail.

### Power distribution units

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

## DESCRIPTION, USAGE

- 19" frames are targeted for use in designated areas.
- Frame construction:
  - demountable,
  - metal parts bolted together,
  - 19" profile frame is designed to be placed directly on the floor using and levelling feet or castors. Levelling feet are part of the frame supply.
- Min. thickness of the surface finish is 65 µm.

## ADDITIONAL INFORMATION

### Operating conditions

- **Operating environment:**
  - the indoor environment,
  - the open frame 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 frame 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 frame or installed equipment,
  - change of the construction or design of the frame.
- When using the RAX-MS-X81-X1 castor set for direct mounting on the frame (the height of the frame is increased by 108 mm), the maximum total load capacity of 450 kg including the weight of the frame must be observed.
- When using the RAX-MS-X47-X1 castor set for direct mounting on the frame (the height of the frame is increased by 155 mm), the maximum total load capacity of 900 kg including the weight of the frame must be observed.
- To guarantee stability, at least 65 % of the load must be installed in the lower half of the frame height.
- The relevant standards\* must be observed when taxiing with a loaded frame.

**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 frame must be placed on a level floor and adjust any differences using the levelling feet.

**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 in accordance with ČSN EN 60297-3-100 : 2009 (IEC 60297-3-100:2008).

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*\* 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.*





**Data Centers**

# **Data Centers**

# Data Centers - Overview

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# Introduction

Modern methods of centralising servers and other active elements necessitated changes in the way these devices are cooled and protected. The solution is the data center.

## What is a data center?

Modern data centers are significantly different from early versions of this method of installing servers and other equipment. Original data centers were founded on the backbone of Internet connections from the 1990s. Large data halls were built primarily as a space perfectly protected in terms of security, uninterrupted power supply and with adequate capacity of communication lines, mostly optical. The individual cabinets were then leased to users for their technical and Internet applications. These centers almost always had raised floors with high loading, beneath which were located all cabling and cooling systems. Cooling was mostly centralised so the entire room was air conditioned regardless of the distribution of the thermal load and without the ability to effectively regulate cooling for each cabinet or the data hall.

With the development of telecommunications, with new protocols and an increase in the transmission line capacity high-speed connections have become available without the need to place the device directly onto the backbone connections.

As well, another revolution took place on another front - processing power and storage capacity. Processor performance grew dramatically, multi-core processors began to appear along with new operating systems. Hard drives and other storage media multiplied in their capacity.

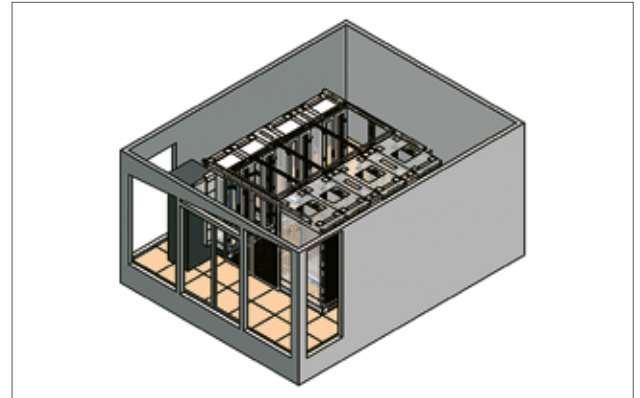
Server operating systems began to use available resources for sharing multiple, simultaneously running applications and it was then only a small step to sharing one physical computer for running multiple operating systems simultaneously - to virtualisation.

The majority of companies now run their applications either on their own servers dedicated to specific applications or using the services of the ever popular virtualisation and cloud-hosting. Both of these methods require a high density of installed computing power. Because running businesses and institutions is a critical application, it requires power-fail safety, physical protection and also controlled cooling. All these aspects are covered by the concept of a data center.

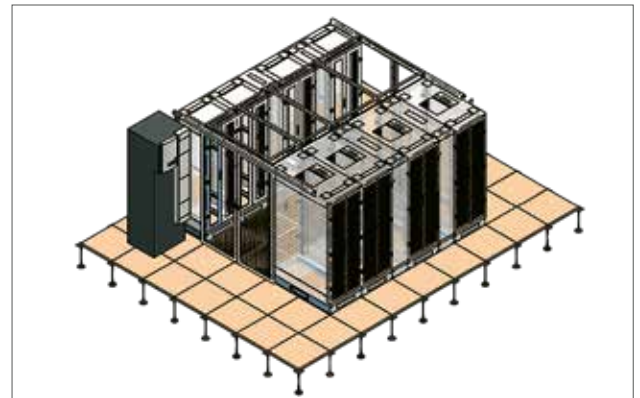
Over time the standard was set for the design and construction of data centers. Cabinets are placed in groups, usually in the form of two rows spaced 1,200 mm apart (two standard raised floor tiles). The aisle between the cabinets is then roofed and closed at the ends by sliding doors. For really large data centers, dividing doors can also be found within these units, which split them down into smaller sections.

The main product of our company's data center solution are data cabinets with high load (from 1200 kg to 1800 kg), accompanied with other components such as aisle roof in variety of types, self-closing sliding aisle door, blanking panels etc. Cabinets can be colocated (divided in multiple boxes) with variety of front and rear door, locks and other functionality.

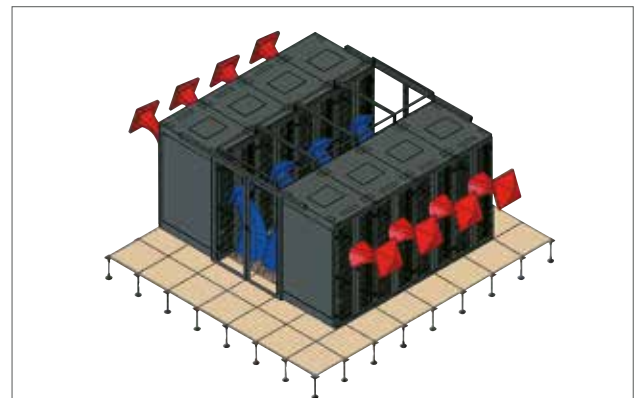
In the cases where is not possible to use the raised floor (low room height, low permissible floor loading and so on) we can offer an alternative, in the form of In-Row cooling units with top media inlet and condensate pump. This advanced solution offers extra large installed cooling capacity in a small footprint.



Reference data center Tritón



Data center with centralized air conditioning



Scheme of data center cooling

**Our specialists will be glad to help you to choose the optimum solution for your needs.**

Selecting the right type of cabinet and accessories, you can save significant money spent on the operation of your equipment.





## Hot / cold aisle

Arranging cabinets into hot / cold aisles is a standard solution for data centers. Cabinets are oriented face to face, while cold air is supplied through perforated tiles in a raised double floor. Standard ANSI/TIA/EIA-942-A recommends a cold aisle width of 1.2 metres. This is generally the size of two double floor tiles. Cold air is supplied via perforated tiles at the front of the cabinets which is delivered to each of them by fans. Cold air is supplied to active elements through doors with 80 % perforation. In this case, the double floor is used to deliver cold air and it is necessary that all other openings in the floor, such as the cable entries are covered. The reason is to maintain static air pressure in the double floor and to minimise cold air loss.



## Contained cold aisle

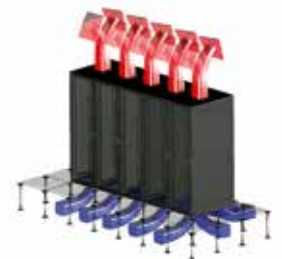
The solution of open hot / cold aisles presents possible shortages in the recirculation of heated air and therefore the risk of creating so called hot-spots - locally overheated areas. The solution is a contained cold aisle. This is a closed modular expandable system which physically separates the cold air from the exhalation of hot air. Actually, it creates a separate area for hot and cold air and prevents them from mixing. Cool air is fed into the closed aisle through perforated tiles of the raised floors or locally using the side cooling units, which are mounted directly in line between the cabinet. Standard width of the contained cold aisle is 1.2 metres (two floor tiles) or 1.8 m (three floor tiles). At the ends, the aisle also has a glass sliding door. The use of this solution is becoming standardised and is especially recommended for its cooling capacity and efficiency in achieving the lowest energy consumption of the data center.



## Closed modular solution

A closed modular solution enables maximum energy efficiency and scalability of focus for long-term development of a data center. This solution can be designed and manufactured tailored to customer needs. In one room there can be zones not only with different operating temperatures, but also with different density of the thermal load. The solution is characterised by a high-IP cabinet. This also protects the installed components from dust and moisture.

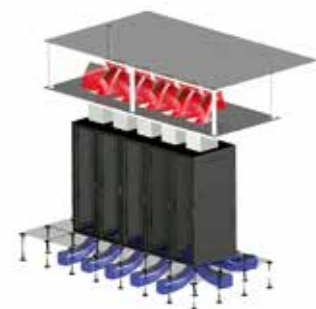
Side cooling units are attached directly with the racks to make a closed module with an internal cold zone at the front part of the cabinet and hot zone at the rear of the cabinet. This solution allows you to combine any number of racks and cooling units in the module. Our specialists will prepare a proposal for the project to ensure the space capacity required for installation of the equipment and the corresponding power conditioning, including any needed redundancy.



## Floor feed

This method increases the efficiency of the cold air through the delivery from double floor to the installed equipment. The cabinet is installed on the opening in the double floor. A deflector, located at the bottom of the cabinet, directs cool air to its front section. Cold air in this case is further directed in the front section of the cabinet by the door without perforations, these may be of glass or metal. The hot air is extracted from the rack either by doors with 80 % perforation or the cabinet ceiling.

By installing a cool air supply regulator to the bottom of the cabinet the amount of air may be adjusted, or delivery can be completely discontinued when the cabinet is not in use. The advantage of this cooling method is great flexibility in planning of the room usage. Cabinets installed in hot and cold aisle is not required if the hot and cold air is separated inside the cabinet. To achieve this it is necessary to install a separating frame inside the cabinets for a strict separation of cold and hot air.



## Floor feed with plenum return

A possible disadvantage of cold aisle and cooling supply from the floor and return to the room is that the hot air is brought into the surroundings of the installed equipment. This does not cause a complication when it is already considered in the data center design stage. In certain cases a possible solution is to completely separate the warm air in areas with high thermal loads due to the concentration of the installed equipment.

The solution is to supply cooling air from the room or raised floors and return it to the ceiling. This is the solution when the hot air does not return into the hall, but is fed to the ceiling or double ceiling. A rear deflector located in the upper part of the cabinet helps to optimise the flow of hot air into the outlet extension. A large adapter allows the passage of large quantities of air at a relatively low speed.

A cold air intake is on the front door of the cabinet, and hot air is discharged through the outlet extensions to the ceiling / double ceiling above the devices. Air conditioning units take the hot air from the ceiling, cool it and deliver it back under the raised floor. The air cooling circuit is closed. This solution provides high efficiency cooling for very large volumes of hot air. Research indicates that this solution can be used to cool up to 30 kW per cabinet.





## ■ Data center design

This critical stage of the data center building has an indefinite solution. It depends on the cabinet arrangement, distribution of heat load and its size, the choice of thermal scheme (hot / cold aisle, zonal distribution of cold etc.) and many other aspects.

When selecting the most suitable arrangement it is necessary to take into account the type of cooling system (under-floor cooling, In-Row cooling units ...) and with regard to the coolant used, also selecting the outer part of the system.

Choice of the cooling medium must be done with respect to outdoor climatic conditions, the distance of the data center from the external units and the elevation between them. Depending on conditions, we can choose water cooling with appropriate addition of antifreeze, or system operating with liquid refrigerant gas. With regard to safety and redundancy required for service operations it is necessary to design the complete system properly, meaning inside the data center and on the side of radiators or condensers.

Furthermore, it is necessary to think about the requirements of humidity control. Humidity less than 30 % carries a risk of damage to the installed equipment by static electricity surge; high humidity can lead to condensation.

In our portfolio you will find the cooling systems of leading manufacturers active in this highly specialized field of data centers and telecommunication equipment cooling for many years. Thanks to the close cooperation and support of their development teams, we can offer proven and guaranteed solutions.

Designing functional, reliable, financially and operationally economical cooling systems for the data center is not an easy matter and specialists, who will recommend the optimum solution in terms of investment and operating costs, are fully available.

## ■ Power distribution units

Equipment installed in data centers often has very high power consumption. Along with the need for a power supply, it also brings the question of the need for metering and remote device control. Therefore you will find power distribution panels in our range, which not only allow you to switch each device on or off, but also provide information on the temperature and humidity in the cabinet, check the correct functioning of the condensate drain of the cooling unit, signal an alarm when the cabinet door is open and other conditions that you define. Any changes can then be reported using the integrated software through a computer network and allow you to oversee the data center without the physical presence of the operator. Distribution panels with management systems exist in many different models. Whether in terms of dimensions, where we offer solutions from the standard 19" panels to large vertical panels designed to house distribution systems, or in terms of different inputs (16A-64A, single-phase / three-phase). It is possible to choose from many

product lines according to the required panel functionality (measurement of panel as whole unit or measurement of individual outlets, the control panel as a whole or individual outlet switching, additional monitoring functions temperature/ humidity / door contact / water flood sensor).

**When choosing the most appropriate solution we will be happy to advise you.**





## Data Center – Accessories

Specifics of data center requires unique equipment that ensures maximum efficiency in installation, ease of operation and particular control of equipment cooling.

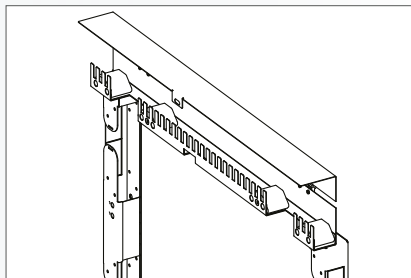
## Patch frame – 2<sup>nd</sup> generation

How to connect devices in two cabinets? The usual method, using the cable entry holes in the roof or in the base of each rack is laborious, time-consuming and the space capacity is often insufficient. Tritón has developed for its own cabinets unique patented solution – patch frame. After installing frame on the adjacent cabinet it replaces original door and greatly increases the capacity and convenience for cabling between racks.



### ■ Cable entries

Cable entries are covered with break-out plugs. At the point where you need to pull cables, plugs can be easily removed and frame construction guarantee the protection of cables, including compliance with the bending radius of optical cables.



### ■ Cable tray

Need to connect equipment in cabinets, that are not directly adjacent? Nor is this a problem with patch frame. Just install on top the cable tray and you can easily bypass several cabinets exactly as needed. After closing the covers and doors and locking all of the cables protected from unauthorized access.

### ■ Large capacity

We supply patch frames for the selected cabinets heights in two versions. 75 mm deep version offers cable entries with dimensions 109 x 40 mm, deepened 150 mm version then even 109 x 80 mm. The most common patch frame for 42U high cabinet has on each side 6 of these cable entries.

### ■ Easy administration

The cabinet is supplied as standard with double wingdoors of all types - glazed, fully metal and perforated. After removing the door from its hinges, the re-cabling between cabinets almost becomes fun, only inserting cables into the prepared openings without pulling. It is possible to install patch frame into already fully loaded cabinets.



Patch frame  
PATENT: PUV 2012-26482



Cable tray	Width (mm)	Depth (mm)
RAX-RA-X06-X1	600	75
RAX-RA-X06-Y1	600	115
RAX-RA-X08-X1	800	75
RAX-RA-X08-Y1	800	115

Patch frame	Heights (U)	Width (mm)	Depth (mm)
RAC-RA-426-XX	42	600	75
RAC-RA-426-YX	42	600	115
RAC-RA-428-XX	42	800	75
RAC-RA-428-YX	42	800	115
RAC-RA-456-XX	45	600	75
RAC-RA-456-YX	45	600	115
RAC-RA-458-XX	45	800	75
RAC-RA-458-YX	45	800	115
RAC-RA-478-XX	47	800	75
RAC-RA-478-YX	47	800	115





## Recommended accessories

Installation and use of equipment in data centers have their own rules. The equipment must be well cooled down as well as easy to reach for power and data cables, must allow visual and physical inspection and at the same time must not restrict the

operation of other devices.

Therefore, we recommend using accessories developed with respect to this specific environment when installing technologies and operating data centers.

### ■ Cooling

Proper airflow is important for efficient cooling of installed technologies. Cold air must pass through or tightly around the device. After performing its work, mean taking over part of the heat from the equipment, it must be removed from the cabinet and directed to the cooling unit where it will be cooled down and get ready for the next cycle. There are two main areas of inefficient waste of cooling air. Firstly the empty installation positions in the cabinet and secondly the space between the vertical installation rails and the cabinet frame. We will solve the first problem by using blanking panels or horizontal cable organizers, the second by an air separation frame, which we can combine with single-row vertical cable organizers.



### ■ Cable management

Already mentioned cable management is very important. Cables must not trouble air distribution neither at front of equipment (patch cords) neither behind it (power supply and installation cables).



### ■ PDU installation

Another component that may block cooling air flow is power distribution unit (PDU). In the Tritón cabinets designed for use in datacentres we recommend vertical installation on PDU inside the skeleton struts. There they do not occupy valuable installation positions and do not limit air flow. Inside skeleton is possible to install not only special vertical PDU but also standard 19" version.



### ■ Cable support systems

In data centers is also necessary to solve the installation of cables outside the cabinets, especially above them and in the space under the raised floor. Because the amount of data and power cables in data centers is enormous, usually cable trays on holders are used to store cables in correct position, ensuring the necessary distance from the cabinets (important for safe cable routing and guaranteeing the correct bending radii). Cable trays can be metal or can be made in the form of wire mesh. Complete offer of this assortment can be found on our website in a separate section.

## Data center – hot / cold aisle

Once several cabinets are connected together, it is necessary to optimize cooling of all installed equipment. Uncontrolled air flow is very expensive and inefficient. There is a concept of „cold and hot aisles“ to prevent from such situations, which leads to controlling over the cold air flow and also which leads to prevention from mixing cold and hot air together. It is one of the most popular solution to cover all cabinets and separate them from outside with a sliding door system. Such solution will allow cold air input in between cabinet rows and all hot air goes away

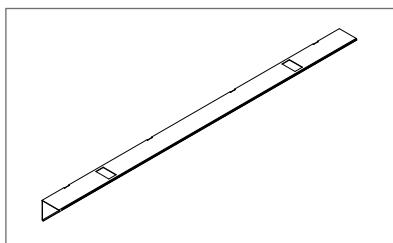
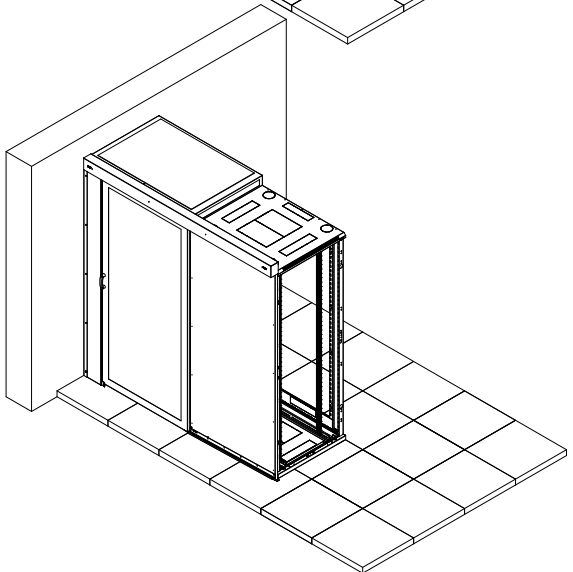
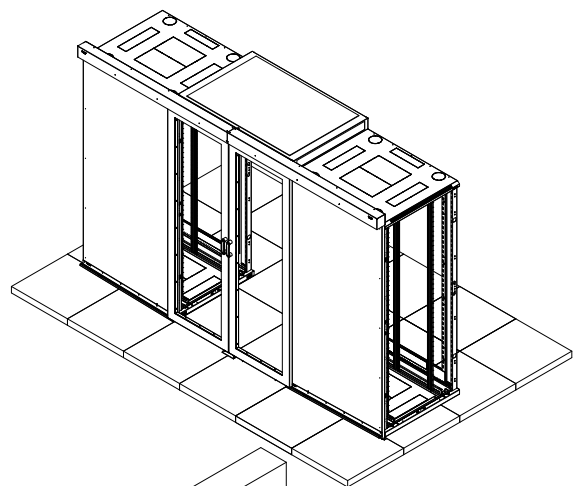
into the surrounding (hot air is cooled down with an A/C unit and returns back in cold aisle among cabinets). This solution is called „a cold aisle“. The hot aisle solution has an opposite system of the air flow. All cold air is around data cabinets and the hot air is collected in between cabinet rows. For both „aisle“ solutions we can provide you with standard components. Atypical solutions are subject to an individual offer.

Datacenter aisle can be formed by two rows of cabinets or can be oriented one side to the wall. Wall opposite to the row of cabinets is also possible to made from panels, used as replacement of cabinets missing in the row.

### ■ Datacenter aisle sliding door

Sliding doors for data centers have a filling of clear security 4 mm glass. The standard version is for the aisle 1200 mm wide . All doors listed here are self-closing with a gravity drive equipped with a SoftClose mechanism. The door is constructed with the upper running rail mounted on support panels (30 mm thick - are part of the delivery) which are mounted in front of the cabinet. Therefore, the door can also be installed to cabinets on pedestals (with the optional set RAX-CD-AD2-P2), or in front of an aisle of non-standard width.

Depending on the model the door can be fitted with a lock. There are also doors with plastic filling (Makrolon).



### Self-closing door with gravity drive between two rows of cabinets, aisle 1200 mm

Door version	Cabinet height in units		
	42	45	47
Glossy without lock	RAC-CD-DM2-A1	RAC-CD-DP2-A1	RAC-CD-DR2-A1
Makrolon without lock	RAC-CD-DM2-A3	RAC-CD-DP2-A3	RAC-CD-DR2-A3
Glossy with lock	RAC-CD-DM2-B1	RAC-CD-DP2-A1	RAC-CD-DR2-B1
Makrolon with lock	RAC-CD-DM2-B3	RAC-CD-DP2-B3	RAC-CD-DR2-B3

Sliding doors are designed for installation on cabinet 1000 mm or deeper. When installed on a cabinet less than 1000 mm deep, the sliding door rail support panel will overlap the cabinet.

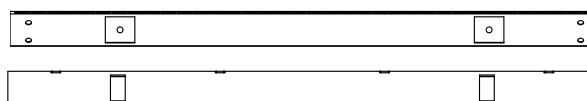
### Self-closing door with gravity drive one side to the wall, aisle 1200 mm

Door version	Cabinet height in units		
	42	45	47
Glossy without lock - right	RAC-CD-DM2-J1	RAC-CD-DP2-J1	RAC-CD-DR2-J1
Makrolon without lock - right	RAC-CD-DM2-J3	RAC-CD-DP2-J3	RAC-CD-DR2-J3
Glossy with lock - right	RAC-CD-DM2-K1	RAC-CD-DP2-K1	RAC-CD-DR2-K1
Makrolon with lock - right	RAC-CD-DM2-K3	RAC-CD-DP2-K3	RAC-CD-DR2-K3
Glossy without lock - left	RAC-CD-DM2-S1	RAC-CD-DP2-S1	RAC-CD-DR2-S1
Makrolon without lock - left	RAC-CD-DM2-S3	RAC-CD-DP2-S3	RAC-CD-DR2-S3
Glossy with lock - left	RAC-CD-DM2-T1	RAC-CD-DP2-T1	RAC-CD-DR2-T1
Makrolon with lock - left	RAC-CD-DM2-T3	RAC-CD-DP2-T3	RAC-CD-DR2-T3

Sliding doors are designed for installation on cabinet 1000 mm or deeper. When installed on a cabinet less than 1000 mm deep, the sliding door rail support panel will overlap the cabinet.

### Aisle roof supporting profile for installation one side to the wall

	roof width
RAC-CD-ADF-S2	600 mm
RAC-CD-ADH-S2	800 mm



front view

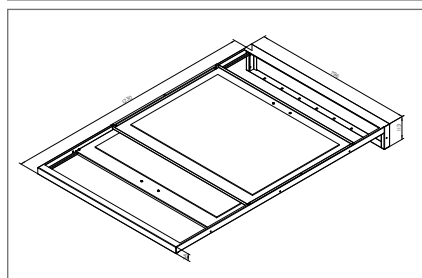
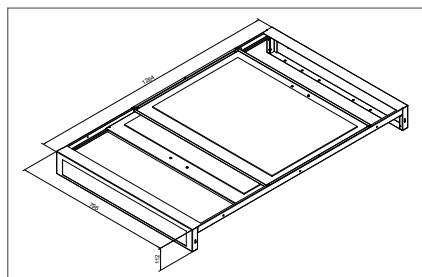
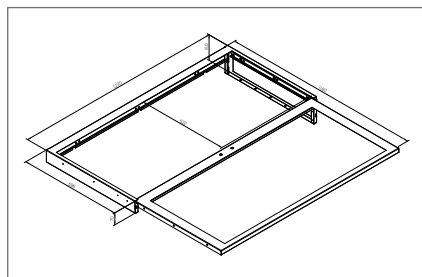
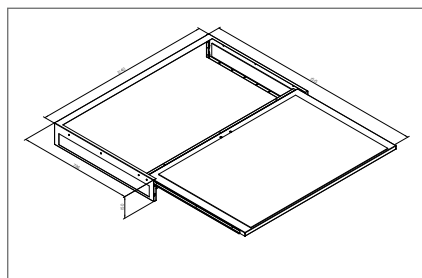
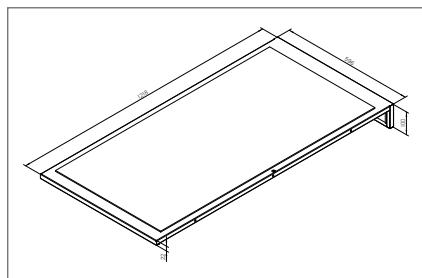
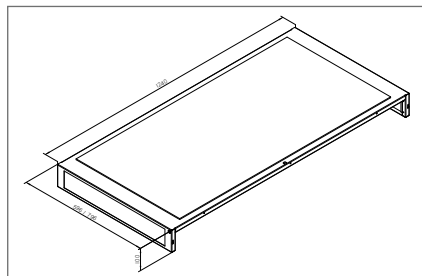
top view



## ■ Data center aisle roofing

The roof of the aisle is made of clear 4 mm transparent safety glass in metal frame. The shape of the ceiling helps the flow of cooling air. The roof's side panels are also glazed. On demand is possible to use Makrolon instead of glass. Standard roof for aisle 1200 mm is offered in width from 300 to 800 mm. Space needed above the the ceiling of the cabinet is 150 mm to install any roof. Fixed roof is 100 mm high, sliding roofs need a bit more space.

In addition to fix glass roofs, you will also find in our offer solid sheet metal roofs, alternative with preparation for installation of LED panels, sliding glazed roofs (divided in half or shifting over the adjacent fixed roof) and self-opening roofs that in the event of a fire reveal access to the extinguishing gas to aisle area. For roofs to the wall is necessary to purchase a wall bracket corresponding widths according to the width of the roof.



### Fix roof - aisle 1200 mm

Between two rows of cabinets			
Width [mm]	Safety hardened transparent glass 4 mm	Solid transparent Makrolon 4 mm	Solid metal roof
300	RAC-CD-SC2-A1	RAC-CD-SC2-A3	RAC-CD-SC2-A2
400	RAC-CD-SD2-A1	RAC-CD-SD2-A3	RAC-CD-SD2-A2
600	RAC-CD-SF2-A1	RAC-CD-SF2-A3	RAC-CD-SF2-A2
800	RAC-CD-SH2-A1	RAC-CD-SH2-A3	RAC-CD-SH2-A2

One side to the wall			
Width [mm]	Safety hardened transparent glass 4 mm	Solid transparent Makrolon 4 mm	Solid metal roof
300	RAC-CD-SC2-Z1	RAC-CD-SC2-Z3	RAC-CD-SC2-Z2
400	RAC-CD-SD2-Z1	RAC-CD-SD2-Z3	RAC-CD-SD2-Z2
600	RAC-CD-SF2-Z1	RAC-CD-SF2-Z3	RAC-CD-SF2-Z2
800	RAC-CD-SH2-Z1	RAC-CD-SH2-Z3	RAC-CD-SH2-Z2

### Roof sliding across the neighboring one - aisle 1200 mm

Between two rows of cabinets			
Width [mm]	Safety hardened transparent glass 4 mm	Solid transparent Makrolon 4 mm	Solid metal roof
600	RAC-CD-SF2-B1	RAC-CD-SF2-B3	RAC-CD-SF2-B2
800	RAC-CD-SH2-B1	RAC-CD-SH2-B3	RAC-CD-SH2-B2

One side to the wall			
Width [mm]	Safety hardened transparent glass 4 mm	Solid transparent Makrolon 4 mm	Solid metal roof
600	RAC-CD-SF2-Y1	RAC-CD-SF2-Y3	RAC-CD-SF2-Y2
800	RAC-CD-SH2-Y1	RAC-CD-SH2-Y3	RAC-CD-SH2-Y2

### Roof divided in the half - aisle 1200 mm

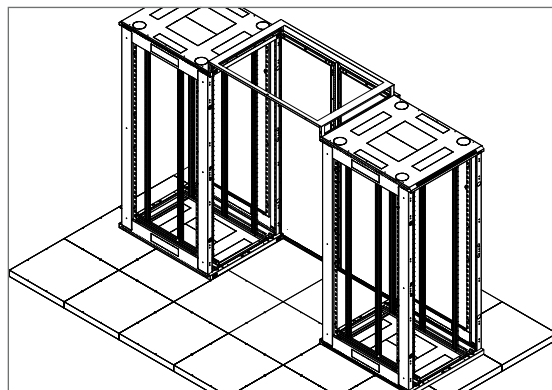
Between two rows of cabinets			
Width [mm]	Safety hardened transparent glass 4 mm	Solid transparent Makrolon 4 mm	Solid metal roof
600	RAC-CD-SF2-C1	RAC-CD-SF2-C3	RAC-CD-SF2-C2
800	RAC-CD-SH2-C1	RAC-CD-SH2-C3	RAC-CD-SH2-C2

One side to the wall			
Width [mm]	Safety hardened transparent glass 4 mm	Solid transparent Makrolon 4 mm	Solid metal roof
600	RAC-CD-SF2-X1	RAC-CD-SF2-X3	RAC-CD-SF2-X2
800	RAC-CD-SH2-X1	RAC-CD-SH2-X3	RAC-CD-SH2-X2

## ■ Back panel of datacenter aisle

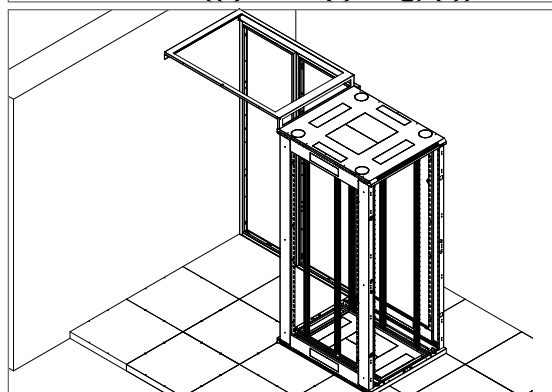
The aisle of the data center can be closed instead of a sliding door with a fixed panel, solid metal or with glass. This solution is used especially in data centres where user have access only from one end of the aisle. Also as in the case of sliding doors, the rear panel can be used with cabinets on the bases with

the corresponding conversion sets (it is necessary to select the conversion set according to the width of the aisle). The rear panel for solution installed one side to the wall is universal (right / left). When using panel against the wall made from blanking panels (the dummy wall made from metal panels) it is necessary to purchase an end post of the appropriate height (accessory).



### Back panel between two rows of cabinets - aisle 1200 mm

Panel version	Cabinet height in units		
	42U	45U	47U
Solid metal	RAC-CD-PM2-X2	RAC-CD-PP2-X2	RAC-CD-PR2-X2
Transparent hardened safety glass 4mm	RAC-CD-PM2-X1	RAC-CD-PP2-X1	RAC-CD-PR2-X1
Solid transparent Makrolon	RAC-CD-PM2-X3	RAC-CD-PP2-X3	RAC-CD-PR2-X3

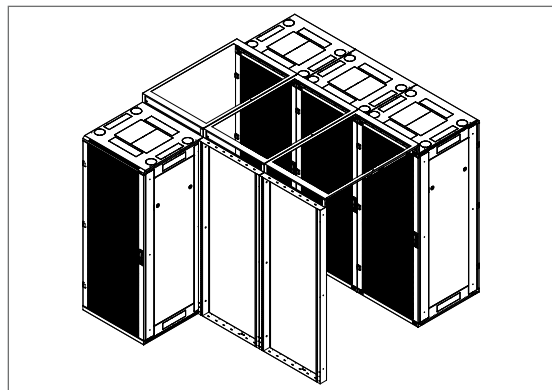


### Back panel one side to the wall - aisle 1200 mm

Panel version	Cabinet height in units		
	42U	45U	47U
Solid metal	RAC-CD-PM2-Y2	RAC-CD-PP2-Y2	RAC-CD-PR2-Y2
Transparent hardened safety glass 4mm	RAC-CD-PM2-Y1	RAC-CD-PP2-Y1	RAC-CD-PR2-Y1
Solid transparent Makrolon	RAC-CD-PM2-Y3	RAC-CD-PP2-Y3	RAC-CD-PR2-Y3

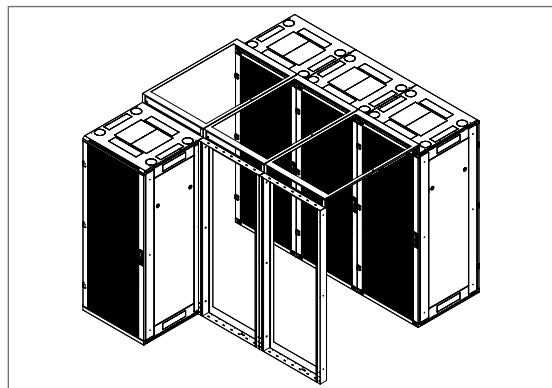
## ■ Blanking panels instead of cabinet / AC unit

Cabinet in the row is possible to replace by panel (solid metal or with glass). This way we can bypass building constructions or keep empty space for later installed technology.



### Blanking panels instead of cabinet - solid metal

Cabinet height in units			
Width [mm]	42U	45U	47U
300	RAC-CD-ZMC-X2	RAC-CD-ZPC-X2	RAC-CD-ZRC-X2
400	RAC-CD-ZMD-X2	RAC-CD-ZPD-X2	RAC-CD-ZRD-X2
600	RAC-CD-ZMF-X2	RAC-CD-ZPF-X2	RAC-CD-ZRF-X2
800	RAC-CD-ZMH-X2	RAC-CD-ZPH-X2	RAC-CD-ZRH-X2



### Blanking panels instead of cabinet - safety hardened glass 4mm transparent

Cabinet height in units			
Width [mm]	42U	45U	47U
300	RAC-CD-ZMC-X1	RAC-CD-ZPC-X1	RAC-CD-ZRC-X1
400	RAC-CD-ZMD-X1	RAC-CD-ZPD-X1	RAC-CD-ZRD-X1
600	RAC-CD-ZMF-X1	RAC-CD-ZPF-X1	RAC-CD-ZRF-X1
800	RAC-CD-ZMH-X1	RAC-CD-ZPH-X1	RAC-CD-ZRH-X1

## ■ Accessories

For accessories (kit for use with cabinets on the bases etc.) please contact your distributor.

For installation of some components is accessories obligatory (for example supporting profiles for the roofs one side to the wall).



# References













































# Wall-Mounted Cabinets

## Wall-Mounted Cabinets – Overview



### **RBA – one-sectioned**

IP20, capacity 60-100 kg

**175**



### **RBA – two-sectioned**

IP20, capacity 20-30 kg

**181**



### **RUA**

With removable side panels,  
IP20, capacity 45 kg / with reinforcements 90 kg

**189**



### **RXA**

Flat-pack concept, IP20, capacity 35 kg

**195**



### **RFA**

Wall-mounting server cabinet. IP20, capacity 50 kg

**201**



### **RKA – 10" and 19"**

IP20, capacity 20 kg

**207**



### **RBA – 10"**

IP20, capacity 20 kg

**213**





## one-sectioned – **RBA**

One-sectioned welded wall cabinet.  
IP20, capacity 60-100 kg



### ■ Rigid construction

The cabinet has a robust welded construction. High quality workmanship and the latest technology ensure excellent design of the cabinet.



### ■ Flexible door opening

The own hinge system allows the door to be opened at an angle of 165°. The door can be easily removed. By rotating whole cabinet you change the direction of door opening.



### ■ Door lock

It enables an easy and quick access into the cabinet.

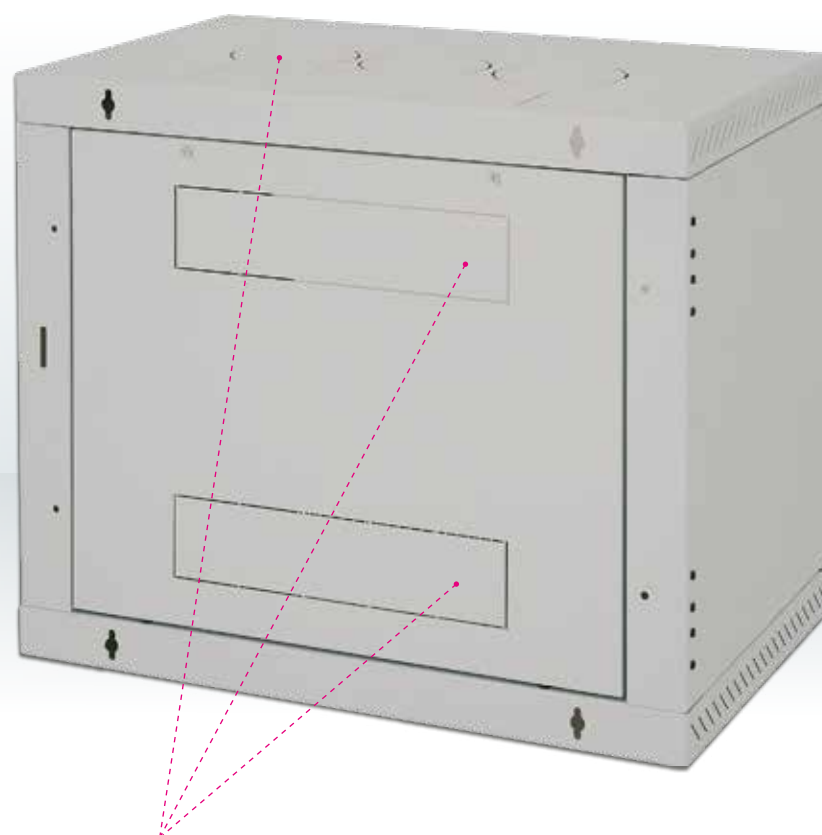


### ■ Adjustable vertical rails

One pair of vertical 19" rails is freely adjustable in any depth of the cabinet. This simplifies mounting of devices and organisation of patch cables.

### ■ Doors

The cabinet has fully glass door in standard. It can be solid steel or perforated if required.



### ■ Breakout-type blanking panels

Cable openings covered with breakout-type blanking panels are ready in the top, bottom and rear part of the cabinet. In the supply, there is a fringe edge and a brush to seal the cabinet opening against dust penetration.

**RBA (DELTA B 4S)**

Type	A	B	C	D	E	R1	R2	Weight gross (kg)	Weight net (kg)	Maximum recommended load (kg)
	(mm)									
RBA-04-AS4-CAX-A1	280	175	516	600	395	234	420	12,0	11,7	60
RBA-06-AS4-CAX-A1	370	265	516	600	395	324	420	13,9	13,6	60
RBA-09-AS4-CAX-A1	500	395	516	600	395	454	420	16,5	16,1	80
RBA-12-AS4-CAX-A1	635	530	516	600	395	589	420	19,5	19,1	80
RBA-15-AS4-CAX-A1	770	665	516	600	395	724	420	22,2	21,8	100
RBA-18-AS4-CAX-A1	900	795	516	600	395	854	420	25,1	24,7	100

**RBA (DELTA B 5S)**

Type	A	B	C	D	E	R1	R2	Weight gross (kg)	Weight net (kg)	Maximum recommended load (kg)
	(mm)									
RBA-04-AS5-CAX-A1	280	175	516	600	495	234	420	13,8	13,5	60
RBA-06-AS5-CAX-A1	370	265	516	600	495	324	420	16,0	15,6	60
RBA-09-AS5-CAX-A1	500	395	516	600	495	454	420	18,8	18,4	80
RBA-12-AS5-CAX-A1	635	530	516	600	495	589	420	22,1	21,7	80
RBA-15-AS5-CAX-A1	770	665	516	600	495	724	420	25,0	24,6	100
RBA-18-AS5-CAX-A1	900	795	516	600	495	854	420	28,1	27,7	100

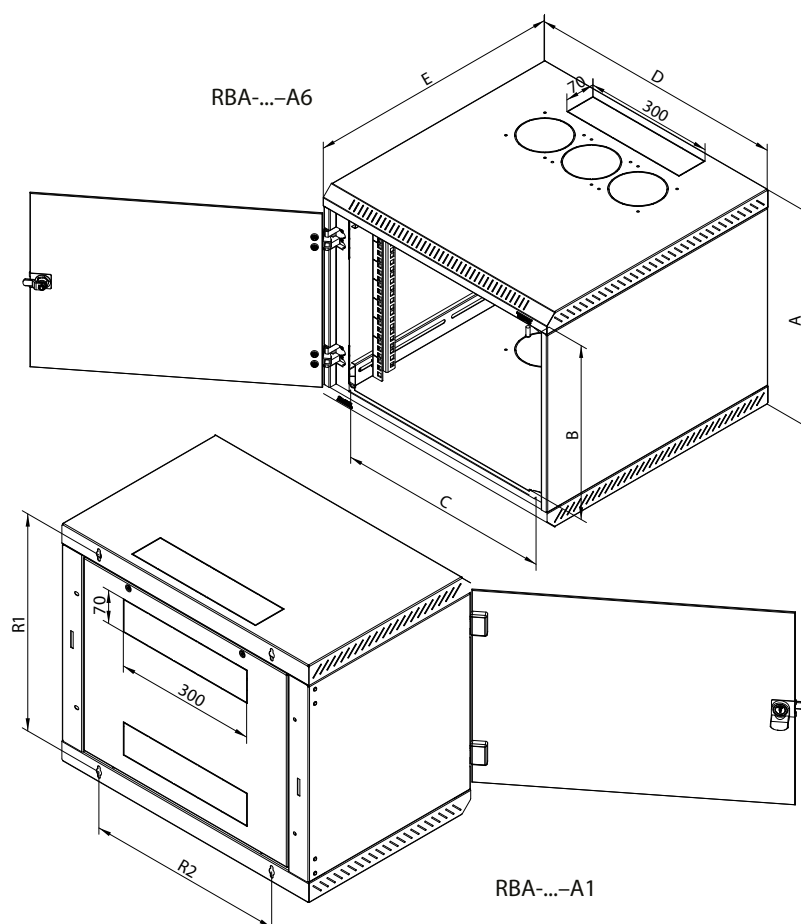
**RBA (DELTA B 6S)**

Type	A	B	C	D	E	R1	R2	Weight gross (kg)	Weight net (kg)	Maximum recommended load (kg)
	(mm)									
RBA-04-AS6-CAX-A1	280	175	516	600	595	234	420	15,8	15,5	60
RBA-06-AS6-CAX-A1	370	265	516	600	595	324	420	18,0	17,7	60
RBA-09-AS6-CAX-A1	500	395	516	600	595	454	420	21,1	20,8	80
RBA-12-AS6-CAX-A1	635	530	516	600	595	589	420	24,3	24,0	80
RBA-15-AS6-CAX-A1	770	665	516	600	595	724	420	27,6	27,2	100
RBA-18-AS6-CAX-A1	900	795	516	600	595	854	420	30,7	30,3	100

\* For purchase of data cabinet ready for fans it is necessary to specify ...-A6 at the end of product code.

**■ Ventilation**

The RBA type A6\* has 6 break-out blanking panels for the installation of ventilation units RAC-CH-X2x-X1 or fans RAX-CH-X07-X9 (up to 3 in top and 3 in bottom part of the cabinet). The RBA cabinet now allows the installation of equipment that previously could not be cooled enough in wall-mounted cabinets and had to be installed in free-standing cabinets.



# Wall-mounted cabinet RBA – one-sectioned

One-sectioned welded wall cabinet IP20, load capacity from 60 – 100 kg.

## PRODUCT DETAILS

### Rigid construction

The cabinet has a robust welded construction. High quality workmanship and the latest technology ensure excellent design of the cabinet.

### Doors

The cabinet doors are fully glass as standard, but can also be solid metal or perforated on request.

### Flexible door opening

The own hinge system allows the door to be opened at an angle of 165°. The door can be easily removed. By rotating whole cabinet you change the direction of door opening.

### Glass

The full-glass door are made of 4mm 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.

### Door lock

Allows easy and quick access to the cabinet.

### 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. One pair of verticals is preinstalled. There is a perforation in the back of the skeleton which is a replacement for the second pair of verticals. Another option is to add vertical rails as an optional accessory.

### Break-out blanking panels

In the upper, lower and rear part of the cabinet there are cable entrances covered with break-out blanking panels. The cables can be sealed against dust penetration with a brush (included in the cabinet supply).

### Ventilation

The RBA type A6 has 6 break-out blanking panels for the installation of ventilation units RAC-CH-X2x-X1 or fans RAX-CH-X07-X9 (up to 3 in top and 3 in bottom part of the cabinet). The RBA cabinet now allows the installation of equipment that previously could not be cooled enough in wall-mounted cabinets and had to be installed in free-standing cabinets.

## DESCRIPTION, PURPOSE OF USE

- 19" one-sectioned wall-mounted cabinet with IP20 protection.
- Cabinet is to be hanged right on the wall.
- Cabinet includes two sliding vertical rails.
- Cabinet construction:
  - Compact welded cabinet,
  - Safety hardened fully glass door, thickness 4mm. May be solid metal or perforated on request.
- Max. permissible load of the door is 10 kg.
- Min. thickness of the surface finish is 65 µm.
- Cabinets are intended for installation of 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 entries covered with break-out blanking panels are placed in the top and the bottom part of the cabinet rear side, others are in the top and the bottom side of cabinet.
- The A6 version has openings for the fan unit installation in the bottom and top of the cabinet, covered by break-out blanking panels.

## 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/or 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.

#### **Installation of the cabinet**

This type of cabinet is to be hanged directly on the wall using screws, dowels and washers (included). The spacing of the mounting holes is marked with "R" on the cabinet scheme. To secure the maximum recommended load capacity, it is necessary that the cabinet is mounted on a wall of adequate load capacity (brick, concrete or similar) and that the installed load is evenly distributed in the cabinet. If the cables are routed through one of the cable entries, it can be sealed against dust penetration with a brush and protected with a fringe edge (both included in the cabinet supply).

#### **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](http://www.triton-racks.com/certificates).





## two-sectioned – **RBA**

Two-sectioned welded wall cabinet.  
IP20, capacity 20-30 kg



#### ■ Rigid construction

The cabinet has a robust welded construction. High quality workmanship and the latest technology ensure excellent design of the cabinet.



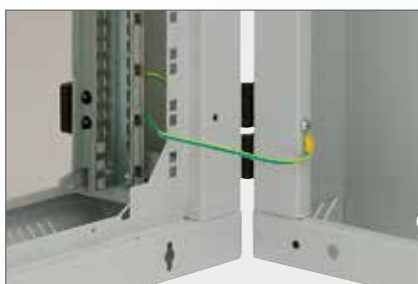
#### ■ Flexible door opening

The own hinge system allows the door to be opened at an angle of 165°. The door can be easily removed.



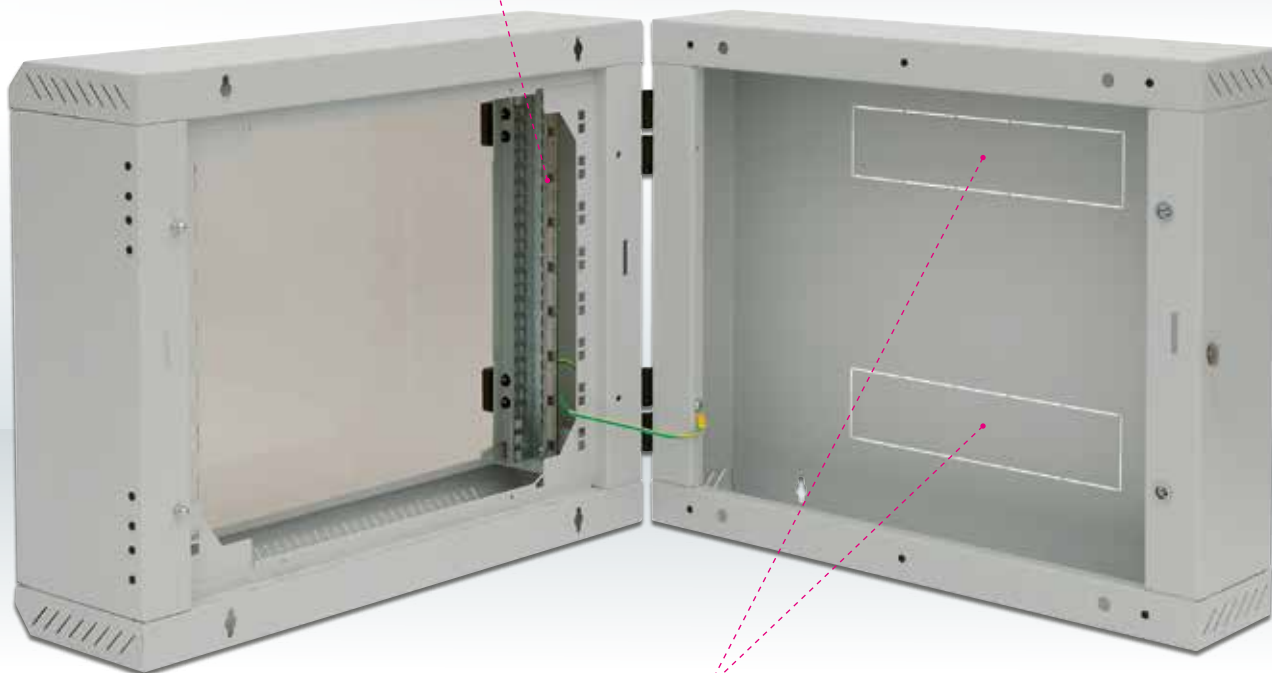
#### ■ Locks

In the standard version, the door lock and the hinged part have the same key.



#### ■ Adjustable vertical rails

One pair of vertical 19" rails is freely adjustable in any depth of the cabinet. This simplifies mounting of devices and organisation of patch cables.



#### ■ Doors

The cabinet doors are fully glass as standard, but can also be solid metal or perforated on request.

#### ■ Breakout-type blanking panels

Cable openings covered with breakout-type blanking panels are ready in the top, bottom and rear part of the cabinet. In the supply, there is a fringe edge and a brush to seal the cabinet opening against dust penetration.

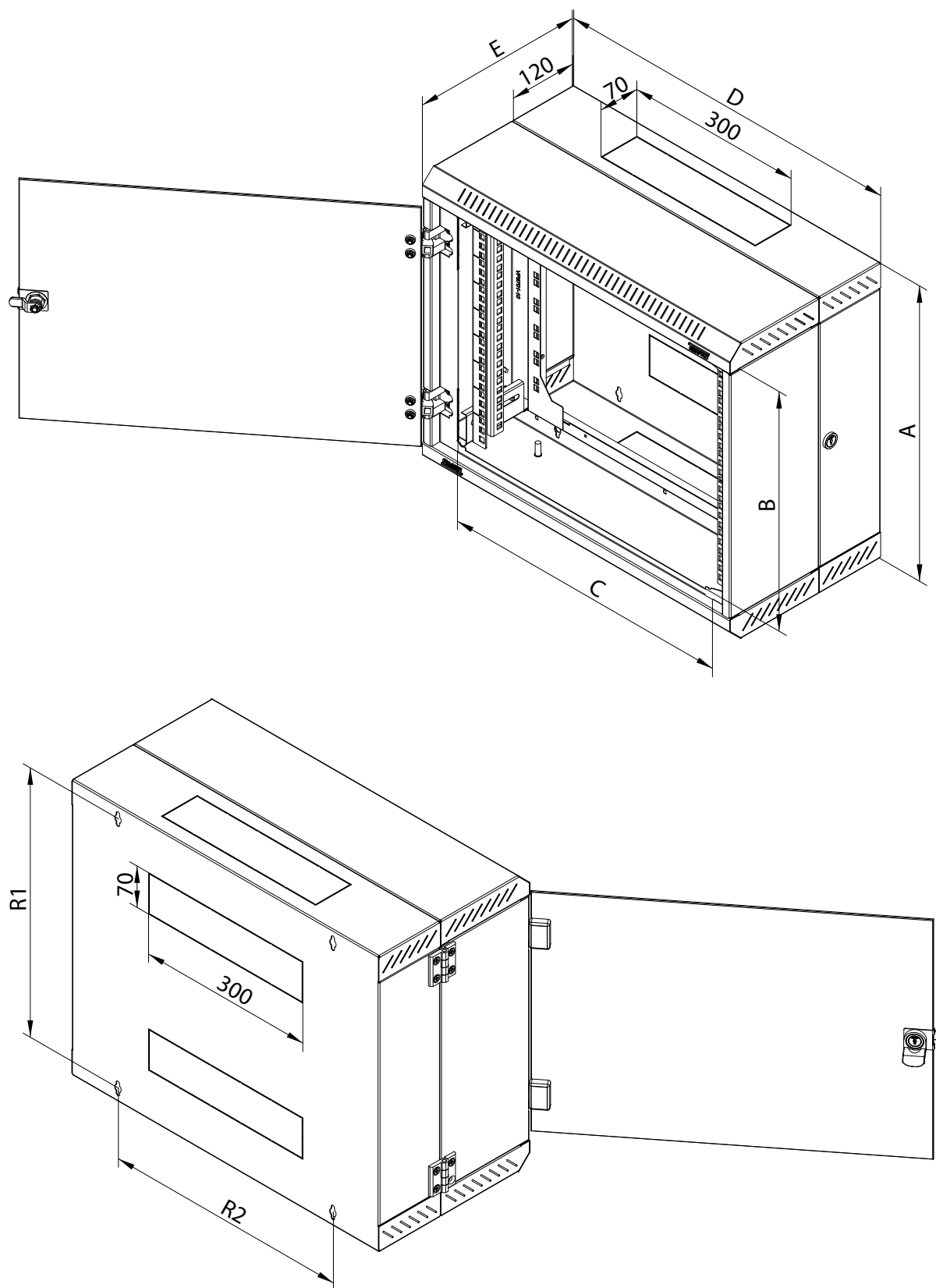
#### ■ Easy access

The opening parts of the cabinet allow easy access to the rear of the cabinet. After unlocking the connecting locks, the front section of the cabinet can be easily opened. All parts are bonded together.



**RBA (DELTA B 2D)**

Type	A	B	C	D	E	R1	R2	Weight gross (kg)	Weight net (kg)	Maximum recommended load (kg)
	(mm)									
RBA-04-AD2-CAX-A1	280	175	516	600	295	234	420	11,1	10,8	30
RBA-06-AD2-CAX-A1	370	265	516	600	295	324	420	12,7	12,4	
RBA-09-AD2-CAX-A1	500	395	516	600	295	454	420	15,5	15,2	





#### ■ Rigid construction

The cabinet has a robust welded construction. High quality workmanship and the latest technology ensure excellent design of the cabinet.



#### ■ Flexible door opening

The own hinge system allows the door to be opened at an angle of 165°. The door can be easily removed.



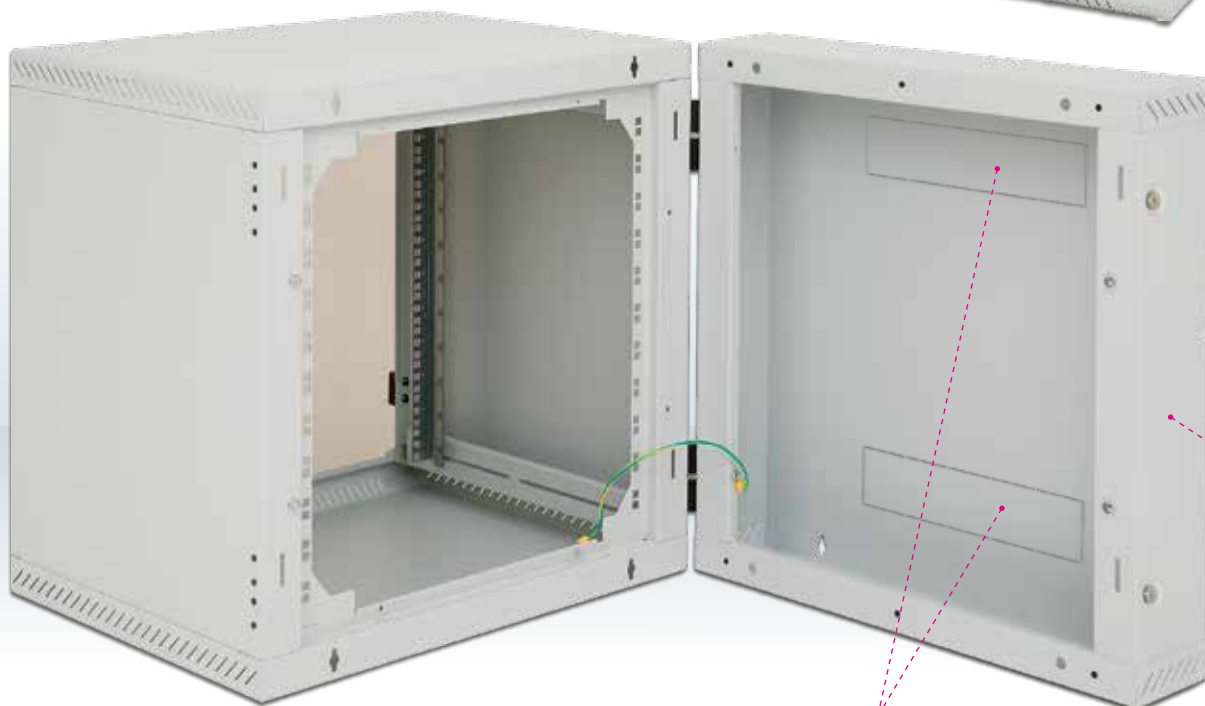
#### ■ Locks

In the standard version, the door lock and the hinged part has the same key.



#### ■ Adjustable vertical rails

One pair of vertical 19" rails is freely adjustable in any depth of the cabinet. This simplifies mounting of devices and organisation of patch cables.



#### ■ Doors

The cabinet doors are fully glass as standard, but can also be solid metal or perforated on request.

#### ■ Breakout-type blanking panels

Cable openings covered with breakout-type blanking panels are ready in the top, bottom and rear part of the cabinet. In the supply, there is a fringe edge and a brush to seal the cabinet opening against dust penetration.

**RBA (DELTA B 5D)**

Type	A	B	C	D	E	R1	R2	Weight gross (kg)	Weight net (kg)	Maximum recommended load (kg)
	(mm)									
RBA-04-AD5-CAX-A1	280	175	516	600	515	234	420	15,4	15,1	20
RBA-06-AD5-CAX-A1	370	265	516	600	515	324	420	17,3	16,9	20
RBA-09-AD5-CAX-A1	500	395	516	600	515	454	420	20,5	20,1	25
RBA-12-AD5-CAX-A1	635	530	516	600	515	589	420	23,9	23,5	25
RBA-15-AD5-CAX-A1	770	665	516	600	515	724	420	27,4	27,0	30
RBA-18-AD5-CAX-A1	900	795	516	600	515	854	420	30,5	30,1	30

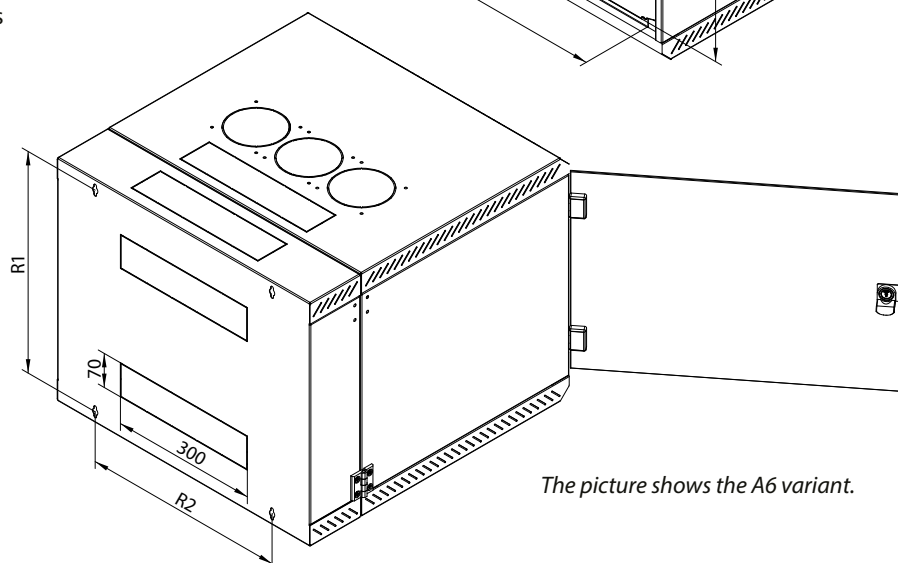
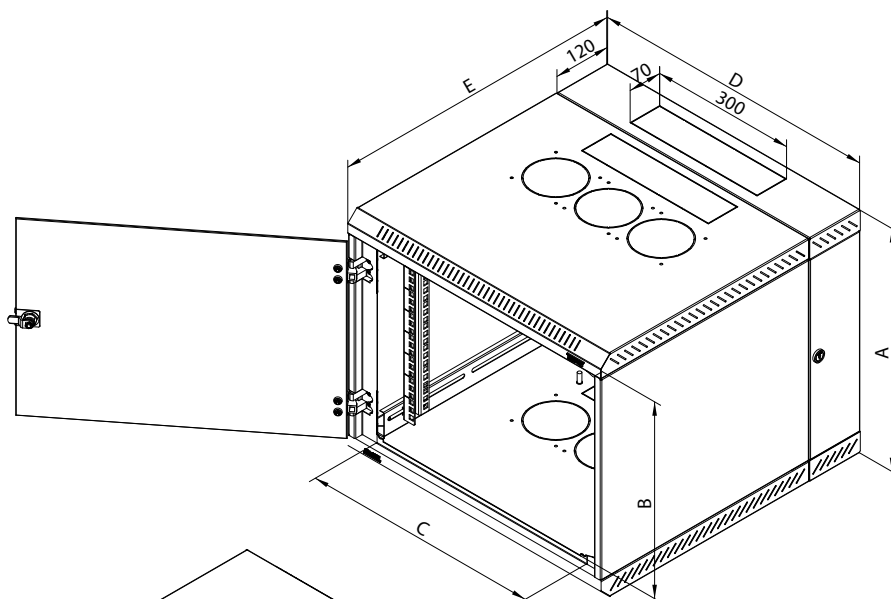
**RBA (DELTA B 6D)**

Type	A	B	C	D	E	R1	R2	Weight gross (kg)	Weight net (kg)	Maximum recommended load (kg)
	(mm)									
RBA-04-AD6-CAX-A1	280	175	516	600	615	234	420	17,3	17,0	20
RBA-06-AD6-CAX-A1	370	265	516	600	615	324	420	19,3	18,9	20
RBA-09-AD6-CAX-A1	500	395	516	600	615	454	420	22,7	22,4	25
RBA-12-AD6-CAX-A1	635	530	516	600	615	589	420	26,2	25,9	25
RBA-15-AD6-CAX-A1	770	665	516	600	615	724	420	29,7	29,3	30
RBA-18-AD6-CAX-A1	900	795	516	600	615	854	420	33,6	33,2	30

\* For purchase of data cabinet ready for fans it is necessary to specify ...-A6 at the end of product code.

**■ Ventilation**

The RBA type A6\* has 6 break-out blanking panels for the installation of ventilation units RAC-CH-X2x-X1 or fans RAX-CH-X07-X9 (up to 3 in top and 3 in bottom part of the cabinet). The RBA cabinet now allows the installation of equipment that previously could not be cooled enough in wall-mounted cabinets and had to be installed in free-standing cabinets.



The picture shows the A6 variant.

**■ Easy access**

The opening parts of the cabinet allow easy access to the rear of the cabinet. After unlocking the connecting locks, the front section of the cabinet can be easily opened. All parts are bonded together.

# Wall-mounted cabinet RBA – two-sectioned

Two-sectioned welded wall cabinet IP20, load capacity 20 – 30 kg.

## PRODUCT DETAILS

### Rigid construction

The cabinet has a robust welded construction. High quality workmanship and the latest technology ensure excellent design of the cabinet.

### Doors

The cabinet doors are fully glass as standard, but can also be solid metal or perforated on request.

### Flexible door opening

The own hinge system allows the door to be opened at an angle of 165°. The door can be easily removed.

### Glass

The full-glass door are made of 4mm 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.

### Locks

In the standard version, the door lock and the hinged part have the same key.

### Easy access

The opening parts of the cabinet allow easy access to the rear of the cabinet. After unlocking the connecting locks, the front section of the cabinet can be easily opened. All parts are bonded together.

### 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.

### Break-out blanking panels

In the upper, lower and rear part of the cabinet there are cable entrances covered with break-out blanking panels. The cables can be sealed against dust penetration with a brush. A fringe edge is used to protect the cables from damage (both included in the cabinet supply).

### Ventilation

The RBA-xx-AD5-A6 and RBA-xx-AD6-A6 has 6 break-out blanking panels for the installation of ventilation units RAC-CH-X2x-X1 or fans RAX-CH-X07-X9 (up to 3 in top and 3 in bottom part of the cabinet). The RBA cabinet now allows the installation of equipment that previously could not be cooled enough in wall-mounted cabinets and had to be installed in free-standing cabinets.

## DESCRIPTION, PURPOSE OF USE

- 19" two-sectioned wall-mounted cabinet with IP20 protection.
- Cabinet is to be hanged right on the wall.
- Cabinet includes two sliding vertical rails.
- Cabinet construction:
  - Compact welded cabinet,
  - Safety hardened fully glass door, thickness 4 mm. May be solid metal or perforated on request.
- Max. permissible load of the door is 10 kg.
- Min. thickness of the surface finish is 65 µm.
- Cabinets are intended for installation of 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 entries covered with break-out blanking panels are placed in the top and the bottom part of the cabinet rear side, others are in the top and the bottom side of cabinet.
- The A6 version has openings for the fan unit installation in the bottom and top of the cabinet, covered by break-out blanking panels.



## 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/or 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.

### Installation of the cabinet

This type of cabinet is to be hanged directly on the wall using screws, dowels and washers (included). The spacing of the mounting holes is marked with "R" on the cabinet scheme. To secure the maximum recommended load capacity, it is necessary that the cabinet is mounted on a wall of adequate load capacity (brick, concrete or similar) and that the installed load is evenly distributed in the cabinet. If the cables are routed through one of the cable entries, it can be sealed against dust penetration with a brush and protected with a fringe edge (both included in the cabinet supply).

### 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](http://www.triton-racks.com/certificates).





# RUA

One-sectioned welded cabinet with removable side panels.  
IP20, capacity 45 kg / with reinforcements 90 kg



### ■ Rigid construction

The cabinet has a robust welded construction. High quality workmanship and the latest technology ensure excellent design of the cabinet and the permissible load of 45kg.



### ■ Flexible door opening

The own hinge system allows the door to be opened at an angle of 165°. The door can be easily removed. By rotating whole cabinet you change the direction of door opening.



### ■ Door lock

It enables an easy and quick access into the cabinet.

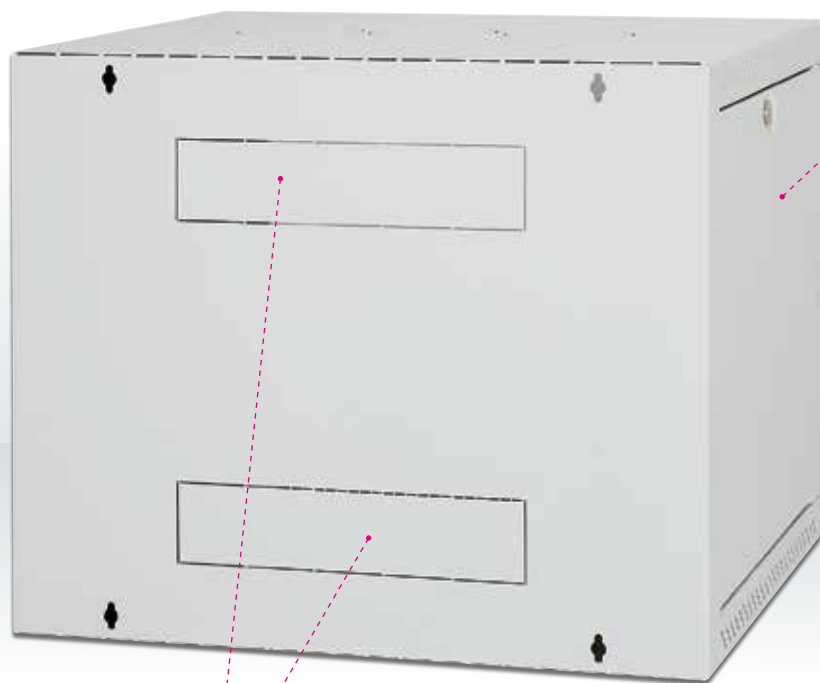


### ■ Adjustable vertical rails

Two pairs of vertical 19" rails are freely adjustable in any depth of the cabinet. This simplifies mounting of devices and organisation of patch cables.

### ■ Reinforcements

Reinforcement kit (optional accessory) increases load capacity to 90 kg. It is necessary to choose the version of the set with regard to the height and depth of the cabinet.



### ■ Breakout-type blanking panels

Cable openings covered with breakout-type blanking panels are ready in the top, bottom and rear part of the cabinet. In the supply, there is a fringe edge and a brush to seal the cabinet opening against dust penetration.



**RUA (DELTA U AS4)**

Type	A	B	C	D	E	R1	R2	Weight gross (kg)	Weight net (kg)	Maximum recommended load (kg)
	(mm)									
RUA-06-AS4-CAX-A1	370	265	530	600	395	324	420	14,5	14,2	45
RUA-09-AS4-CAX-A1	500	395	530	600	395	454	420	17,6	17,3	45 (with reinforcements – 90 kg)
RUA-12-AS4-CAX-A1	635	530	530	600	395	589	420	20,6	20,3	
RUA-15-AS4-CAX-A1	770	665	530	600	395	724	420	22,3	22,0	
RUA-18-AS4-CAX-A1	900	795	530	600	395	854	420	26,9	26,6	

**RUA (DELTA U AS5)**

Type	A	B	C	D	E	R1	R2	Weight gross (kg)	Weight net (kg)	Maximum recommended load (kg)
	(mm)									
RUA-06-AS5-CAX-A1	370	265	530	600	495	324	420	16,4	16,1	45
RUA-09-AS5-CAX-A1	500	395	530	600	495	454	420	19,8	19,5	45 (with reinforcements – 90 kg)
RUA-12-AS5-CAX-A1	635	530	530	600	495	589	420	22,0	21,7	
RUA-15-AS5-CAX-A1	770	665	530	600	495	724	420	26,3	26,0	
RUA-18-AS5-CAX-A1	900	795	530	600	495	854	420	29,5	29,1	

**RUA (DELTA U AS6)**

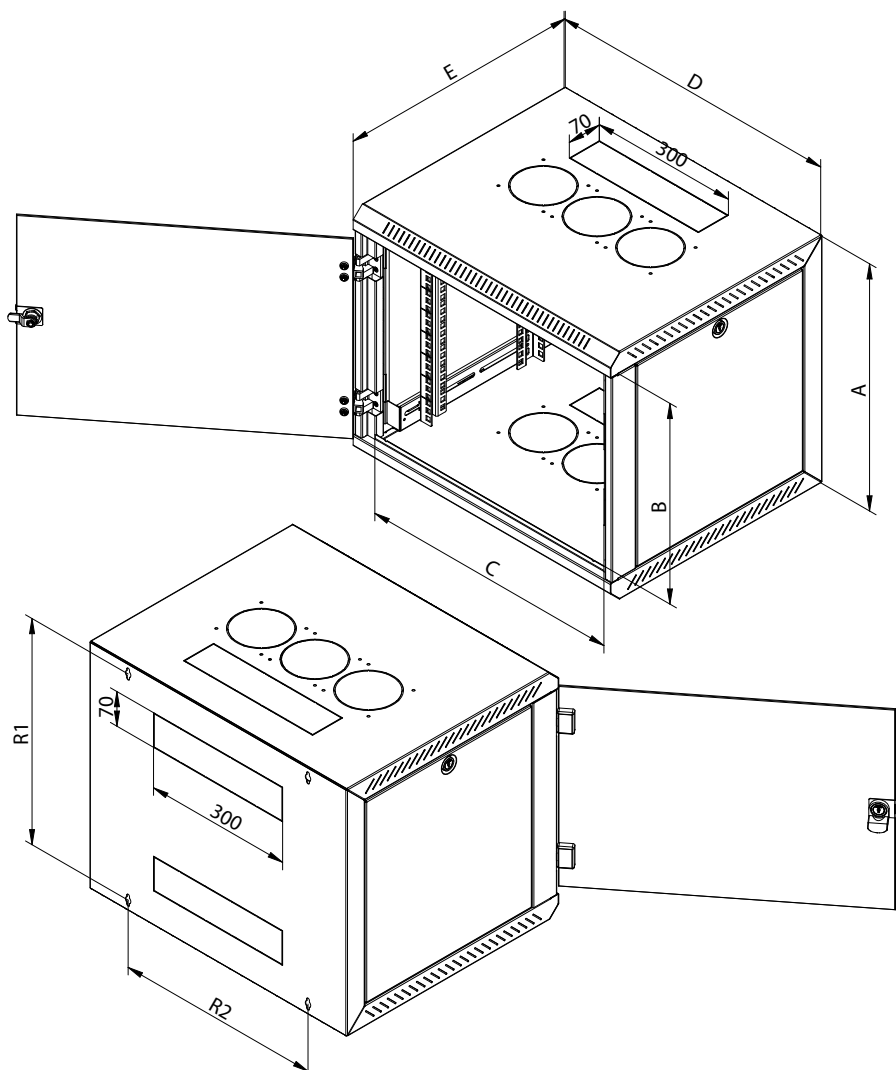
Type	A	B	C	D	E	R1	R2	Weight gross (kg)	Weight net (kg)	Maximum recommended load (kg)
	(mm)									
RUA-06-AS6-CAX-A1	370	265	530	600	595	324	420	19,2	18,9	45
RUA-09-AS6-CAX-A1	500	395	530	600	595	454	420	21,6	21,3	45 (with reinforcements – 90 kg)
RUA-12-AS6-CAX-A1	635	530	530	600	595	589	420	26,3	26,0	
RUA-15-AS6-CAX-A1	770	665	530	600	595	724	420	28,9	28,5	
RUA-18-AS6-CAX-A1	900	795	530	600	595	854	420	31,5	31,0	

**Removable side panels**

Removable side panels enable easy access to installed equipment from the side. They are fixed to the skeleton by locks, in the standard version with the same the same key as the front door lock.

**Ventilation**

The RUA has 6 break-out blanking panels for the installation of ventilation units RAC-CH-X2x-X1 or fans RAX-CH-X07-X9 (up to 3 in top and 3 in bottom part of the cabinet). The RUA cabinet now allows the installation of equipment that previously could not be cooled enough in wall-mounted cabinets and had to be installed in free-standing cabinets.



# Wall-mounted cabinet RUA

One-sectioned welded cabinet with removable side panels, IP20, capacity 45 kg / with reinforcements 90 kg.

## PRODUCT DETAILS

### Rigid construction

The cabinet has a robust welded construction. High quality workmanship and the latest technology ensure excellent design of the cabinet and the permissible load of 45kg, with reinforcements 90 kg.

### Doors

The cabinet doors are fully glass as standard, but can also be solid metal or perforated on request.

### Flexible door opening

The own hinge system allows the door to be opened at an angle of 165°. The door can be easily removed.

### Glass

The full-glass door are made of 4mm 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.

### Locks

Allows easy and quick access to the cabinet. In the standard version, the door lock and the side panels have the same key.

### Adjustable vertical rails

Two pairs of 19" vertical rails can be adjusted freely in any depth of the cabinet. This simplifies mounting of the device and configuration of cables.

### Break-out blanking panels

In the upper, lower and rear part of the cabinet there are cable entrances covered with break-out blanking panels. The cables can be sealed against dust penetration with a brush (included in the cabinet supply).

### Removable side panels

Removable side panels enable easy access to installed equipment from the side. They are fixed to the skeleton by locks, in the standard version with the same the same key as the front door lock.

### Ventilation

The RUA has 6 break-out blanking panels for the installation of ventilation units RAC-CH-X2x-X1 or fans RAX-CH-X07-X9 (up to 3 in top and 3 in bottom part of the cabinet). The RUA cabinet now allows the installation of equipment that previously could not be cooled enough in wall-mounted cabinets and had to be installed in free-standing cabinets.

## DESCRIPTION, PURPOSE OF USE

- 19" one-sectioned wall-mounted cabinet with IP20 protection.
- Removable side panels fixed by locks.
- Cabinet is to be hanged right on the wall.
- Cabinet includes four sliding vertical rails.
- Cabinet construction:
  - welded cabinet with removable side panels,
  - Safety hardened fully glass door, thickness 4 mm. May be solid metal or perforated on request.
- Max. permissible load of the door is 10 kg.
- Min. thickness of the surface finish is 65 µm.
- Cabinets are intended for installation of 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 entries covered with break-out blanking panels are placed in the top and the bottom part of the cabinet rear side, others are in the top and the bottom side of cabinet.
- Cabinet has openings for the fan unit installation in the bottom and top of the cabinet, covered by break-out blanking panels.

## 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/or 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.

### Installation of the cabinet

This type of cabinet is to be hanged directly on the wall using screws, dowels and washers (included). The spacing of the mounting holes is marked with "R" on the cabinet scheme. To secure the maximum recommended load capacity, it is necessary that the cabinet is mounted on a wall of adequate load capacity (brick, concrete or similar) and that the installed load is evenly distributed in the cabinet. If the cables are routed through one of the cable entries, it can be sealed against dust penetration with a brush and protected with a fringe edge (both included in the cabinet supply).

### 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](http://www.triton-racks.com/certificates).







# RXA

Flat-pack cabinet delivered disassembled.  
IP20, capacity 35 kg



#### ■ Flat-pack design

Reduces cost of transportation and storage. Together with a unique construction, it contributes to the attractive price while keeping all functional characteristics.



#### ■ Flexible door opening

The hinge system allows convenient access. Door opening angle is 125°.



#### ■ Door lock

Locks safely the cabinet and protects the installed devices.



#### ■ Adjustable vertical rails

One pair of vertical 19" rails is step-adjustable in front part of the cabinet. This simplifies mounting of devices and organisation of patch cables.

#### ■ Doors

The cabinet has fully glass door in standard. It can be solid steel or perforated if required.



#### ■ Breakout-type blanking panels

Cable openings covered with breakout-type blanking panels are ready in the top, bottom and rear part of the cabinet.

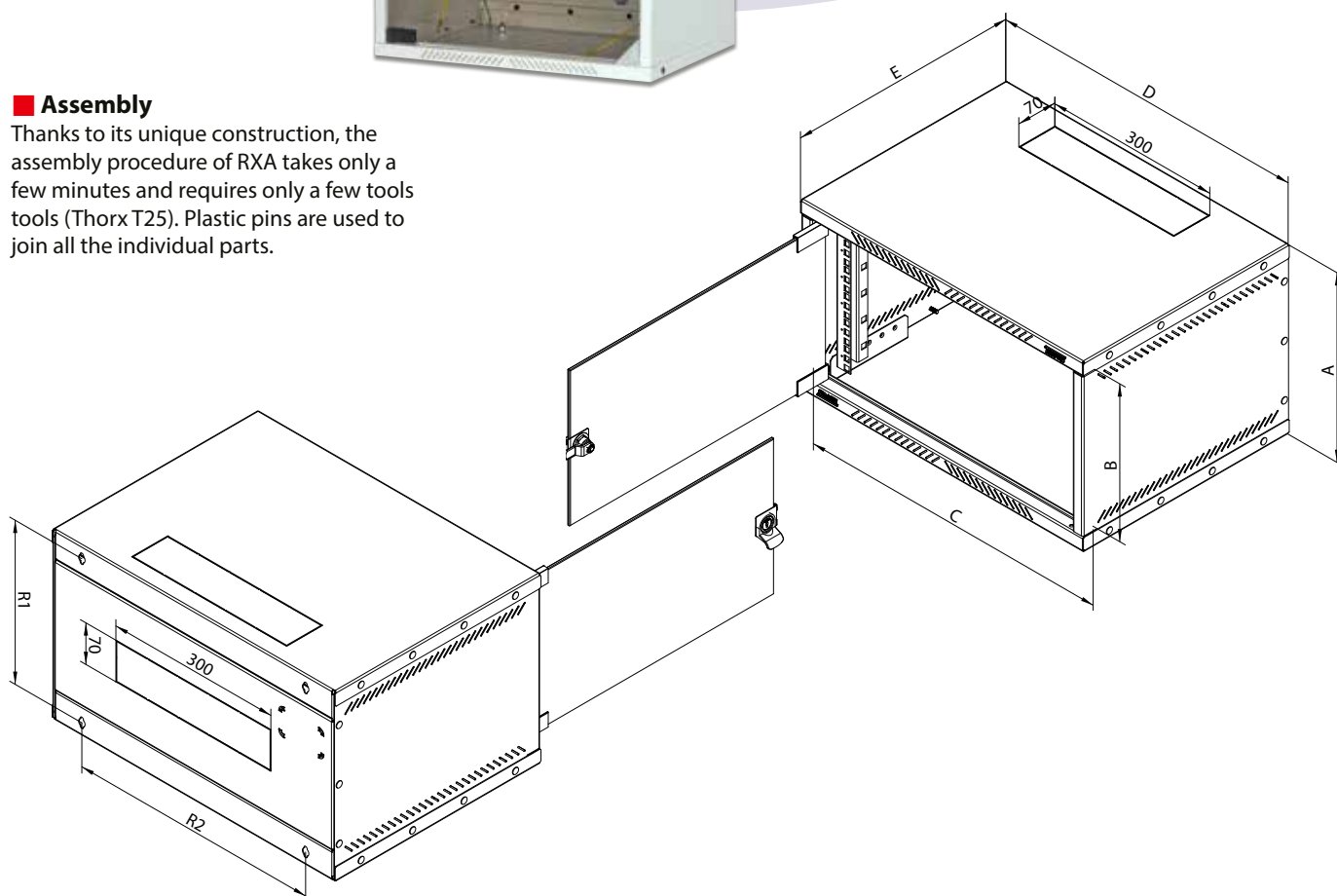
# **RXA (DELTA X AS4)**

Type	A	B	C	D	E	R1	R2	Weight gross (kg)	Weight net (kg)	Maximum recommended load (kg)
	(mm)									
RXA-04-AS4-CAX-A1	230	180	505	550	400	180	435	11,4	11,2	35
RXA-06-AS4-CAX-A1	320	270	505	550	400	270	435	13,6	13,3	
RXA-09-AS4-CAX-A1	463	412	505	550	400	412	435	17,4	17,1	
RXA-12-AS4-CAX-A1	580	530	505	550	400	530	435	19,7	19,4	



## **Assembly**

Thanks to its unique construction, the assembly procedure of RXA takes only a few minutes and requires only a few tools (Thorx T25). Plastic pins are used to join all the individual parts.



# RXA wall-mounted cabinet delivered as flat-pack

Flat-pack - demountable cabinet supplied in disassembled form IP20, load capacity 35 kg.

## PRODUCT DETAILS

### Rigid construction

The cabinet has a robust mountable construction. High quality workmanship and the latest technology ensure excellent design of the cabinet.

### Flat-pack design

Reduces cost of transportation and storage. Together with a unique construction, it contributes to the attractive price while keeping all functional characteristics.

### Assembly

Thanks to its unique construction, the assembly procedure of RXA takes only a few minutes and requires only a few tools (Thorx T25). Plastic pins are used to join all the individual parts.

### Doors

The cabinets are supplied with fully glass door as standard. On request can be also provide with solid metal or perforated door.

### Flexible door opening

The hinge system allows the door to open at an angle of 125°. When assembling the cabinet, it is possible to specify right or left door opening.

### Glass

The full-glass door are made of 4mm 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.

### Adjustable vertical rails

One pair of vertical 19" rails is step-adjustable in front part of the cabinet. This simplifies mounting of devices and organisation of patch cables.

### Breakout-type blanking panels

Cable openings covered with breakout-type blanking panels are ready in the top, bottom and rear part of the cabinet. The cables can be sealed against dust penetration with a brush. A fringe edge is used to protect the cables from damage (not included in the cabinet supply, both is optional accessories).

## DESCRIPTION, PURPOSE OF USE

- 19" one-sectioned wall-mounted cabinet with IP20 protection, supplied as flat-pack.
- Cabinet is to be hanged right on the wall.
- Cabinet supply includes two adjustable vertical rails.
- Cabinet construction:
  - Cabinet made from metal parts joined together by plastic pins,
  - Safety hardened fully glass door, thickness 4 mm.
- Max. permissible load of the door is 10 kg.
- Min. thickness of the surface finish is 65 µm.
- Cabinets are intended for installation of 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 entries covered with break-out blanking panels are placed in the top and the bottom part of the cabinet rear side, others are in the top and the bottom side of cabinet.

## 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/or 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.

#### **Installation of the cabinet**

It is necessary to assemble the individual parts of the cabinet and join them together with the attached plastic pins. See the attached instructions for the exact assembly procedure. This type of cabinet is to be hanged directly on the wall using screws, dowels and washers (included). The spacing of the mounting holes is marked with "R" on the cabinet scheme. To secure the maximum recommended load capacity, it is necessary that the cabinet is mounted on a wall of adequate load capacity (brick, concrete or similar) and that the installed load is evenly distributed in the cabinet.

#### **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](http://www.triton-racks.com/certificates).





# RFA

for installation of even very large devices in a wall-mounted cabinet,  
IP20, load capacity 50 kg



### ■ Adjustable vertical rails

In each section are adjustable 19" rails. This simplifies mounting of devices and organisation of patch cables.



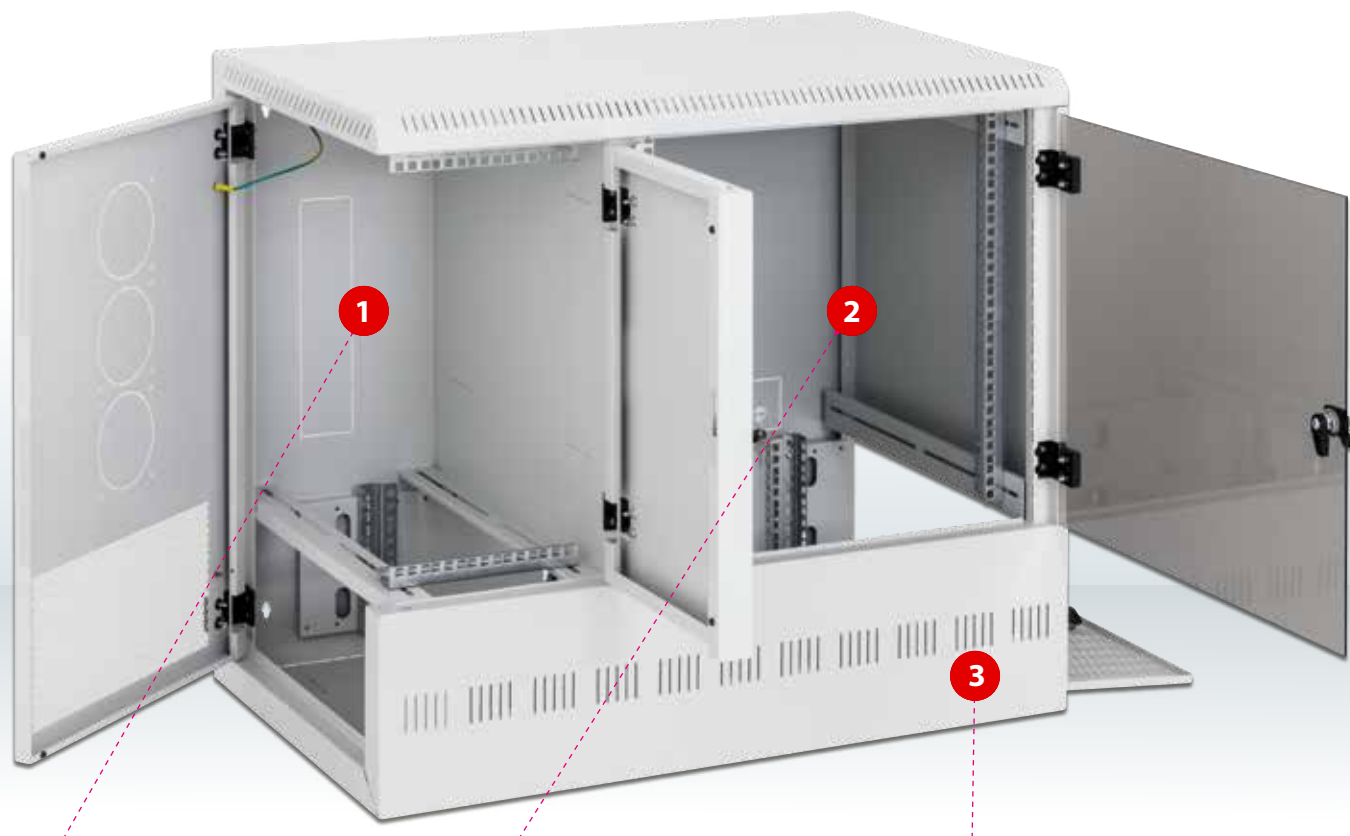
### ■ Flexible door opening

The hinge system allows the door to open at an angle of 165°.



### ■ Rigid construction

The cabinet has a robust welded construction. High quality workmanship and the latest technology ensure excellent design of the cabinet.



#### 1<sup>st</sup> section

The first section allows installation of 19" equipment with a maximum height of 6U and depth of 450 mm. The device is positioned vertically and 19" rails are infinitely adjustable over the full depth of the cabinet. On the back wall is cable entry as well as at the top and bottom of cabinet. Cable connection between sections allow the opening at central divider. All cable entries have break-out covers.

#### 2<sup>nd</sup> section

The second section offers mounting width 19", height 12U and depth 450 mm. Mounting rails are infinitely adjustable within whole depth. This section is usually used for structured cabling and active elements of the network. Here are individual services connected to the work places. The recommended capacity is up to 48 work places (2 ports per work place according to standards).

#### 3<sup>rd</sup> section

The third section occupy whole bottom area of the wall cabinet. There is space for a device with a maximum depth of 800 mm, width 19" and height depend the model of the cabinet from 2 to 7 Units. Access to this section is by a door on the right side of the cabinet. Beside the cabinet must be kept sufficient space for the device installation and maintenance.

## RFA

Type	A (mm)	Max server height	Weight gross (kg)	Weight net (kg)	Maximum recommended load (kg)
RFA-12-A95-CAX-A12	700	2U	39,0	38,4	50
RFA-12-A95-CAX-A13	745	3U	41,5	41,0	50
RFA-12-A95-CAX-A14	790	4U	43,5	43,0	50
RFA-12-A95-CAX-A15	835	5U	45,5	45,0	50
RFA-12-A95-CAX-A16	880	6U	47,5	47,0	50
RFA-12-A95-CAX-A17	925	7U	50,0	49,5	50





### ■ Bottom section for servers

19" section in the lower part of the cabinet is designed for installation of servers and other devices on sliding rails. It may have a capacity of 2 to 7 Unit. Each section of cabinet is closed by lock, on request with a unique key.



### ■ Server installation

Rack-mount servers or similar devices with a depth of up to 800 mm are mounted into cabinet using special telescopic rails, which are specific to each device and are not part of the cabinet.

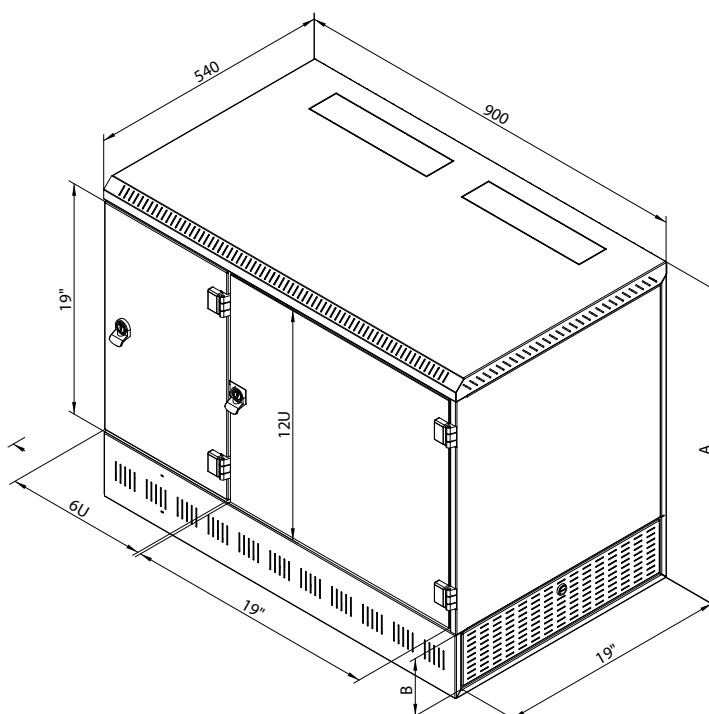
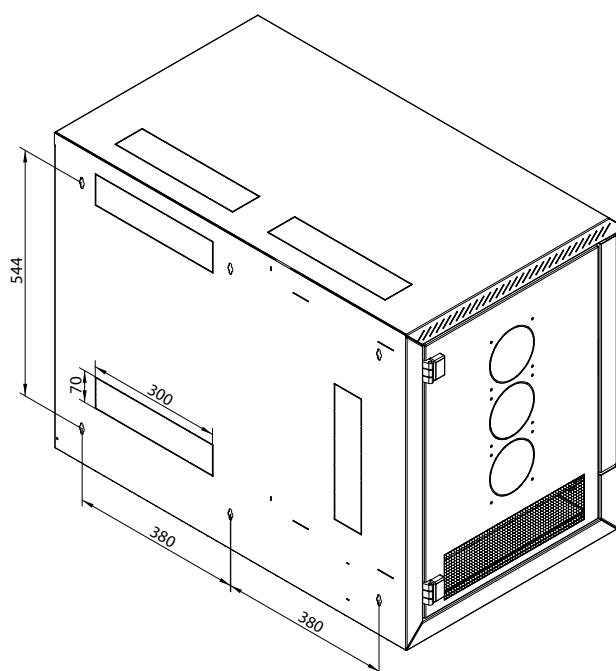


### ■ Cooling of installed equipment

Cooling by natural air flow through perforation of the frame and side door can be supported by installation of fans for wall-mounted cabinets (RAX-CH-X07-X9 see Active Cooling).



The original version with vertically stored server 2U is still available on request.



# RFA wall-mounted cabinet - 3 independent sections

Three-sectioned welded wall cabinet IP20, load capacity from 50 kg.

## PRODUCT DETAILS

### Rigid construction

The cabinet has a robust welded construction. High quality workmanship and the latest technology ensure excellent design of the cabinet.

### 1st section

The first section allows installation of 19" equipment with a maximum height of 6U and depth of 450 mm. The device is positioned vertically and 19" rails are infinitely adjustable over the full depth of the cabinet. On the back wall is cable entry as well as at the top and bottom of cabinet. Cable connection between sections allow the opening at central divider. All cable entries have break-out covers.

### 2st section

The second section offers mounting width 19", height 12U and depth 450 mm. Mounting rails are infinitely adjustable within whole depth. This section is usually used for structured cabling and active elements of the network. Here are individual services connected to the work places. The recommended capacity is up to 48 work places (2 ports per work place according to standards).

### 3th section

The third section occupy whole bottom area of the wall cabinet. There is space for a device with a maximum depth of 800 mm, width 19" and height depend the model of the cabinet from 2 to 7 Units. Access to this section is by a door on the right side of the cabinet. Beside the cabinet must be kept sufficient space for the device installation and maintenance.

### Flexible door opening

The own hinge system allows the door to be opened at an angle of 165°. The door can be easily removed.

### Glass

The full-glass door are made of 4mm 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.

### Locks

Allows easy and quick access to the cabinet. In the standard version, the door lock of the all sections has the same key.

### Adjustable vertical rails

In two sections are vertical 19" rails freely adjustable in any depth of the cabinet. In third section the 19" vertical rails can be depth-adjusted in predefined positions. This simplifies mounting of devices and organisation of patch cables.

### Break-out blanking panels

In the upper, lower and rear part of the cabinet there are cable entrances covered with break-out blanking panels. The cables can be sealed against dust penetration with a brush (included in the cabinet supply).

### Lower section for servers

The 19" section at the bottom of the rack is designed for installing servers and other equipment on slide-out rails. It can have a capacity from 2 to 7 units. Each cabinet section is secured with a lock, on request with unique key.

### Installation of servers

Rack-mount servers or similar devices with a depth of up to 800 mm are mounted in the cabinet using special sliding rails that are specific to each device and are not part of the cabinet supply.

### Cooling of installed equipment

Natural cooling by ventilation due to the perforation of the skeleton and side doors can be supported by installing fans for wall-mounted cabinets (RAX-CH-X07). When using fans or fan units, it is necessary to take into account the reduced number of installation positions for 19" equipment by 1 unit in section number 1. The original version with 2U vertically mounted server is still available on request.

## DESCRIPTION, PURPOSE OF USE

- 19" wall-mounted cabinet with IP20 protection.
- Three independent 19" sections.
- Cabinet is to be hanged right on the wall.
- Cabinet includes one pair of freely adjustable 19" rails in the each of the top sections a 2 pairs of step-adjustable 19" rails in the bottom section.
- Cabinet construction:
  - welded cabinet skeleton,
  - doors – combination for different sections: safety hardened fully glass door, thickness 4 mm (may be solid metal or perforated).

- Max. permissible load of the door is 10 kg.
- Min. thickness of the surface finish is 65 µm.
- Cabinets are intended for installation of 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 entries covered with break-out blanking panels are placed in the top and the bottom part of the cabinet rear side, others are in the central divider between the sections.
- Cabinet has openings for the fan unit installation covered by break-out blanking panels on the side door of the first section.

## 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/or 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.

### Installation of the cabinet

This type of cabinet is to be hanged directly on the wall using screws, dowels and washers (included). The spacing of the mounting holes is marked with "R" on the cabinet scheme.

To secure the maximum recommended load capacity, it is necessary that the cabinet is mounted on a wall of adequate load capacity (brick, concrete or similar) and that the installed load is evenly distributed in the cabinet.

If the cables are routed through one of the cable entries, it can be sealed against dust penetration with a brush and protected with a fringe edge (both included in the cabinet supply).

### 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 fully in accordance with ČSN EN 62208 ed.2:2012 (EN 62208:2011).





## 10"/19" – RKA

Welded 10" or 19" cabinet,  
IP20, capacity 20 kg





### ■ Rigid construction

The cabinet has a robust welded construction. High quality workmanship and the latest technology ensure excellent design of the cabinet.



### ■ Flexible door opening

The hinge system allows convenient access. Door opening angle is 130°.



### ■ Door lock

Locks safely the cabinet and protects the installed devices.



### ■ Adjustable mounting frame

The 10"/19" mounting frame can be depth-adjusted inside the cabinet in predefined positions.

### ■ Doors

The cabinet has fully glass door in standard. It can be solid steel or perforated if required.



### ■ Breakout-type blanking panels

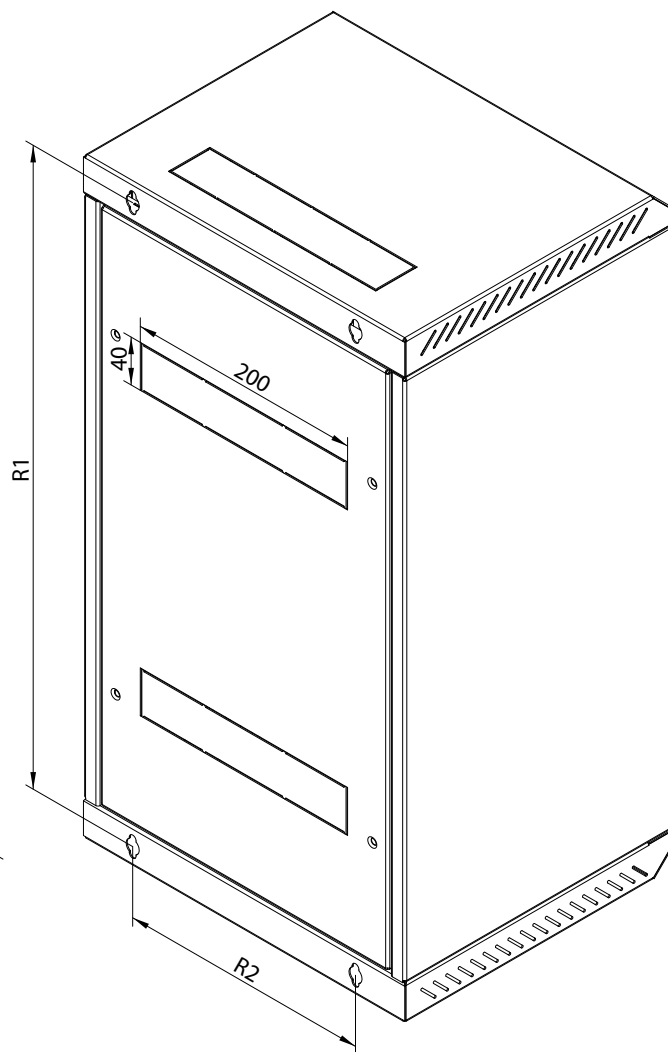
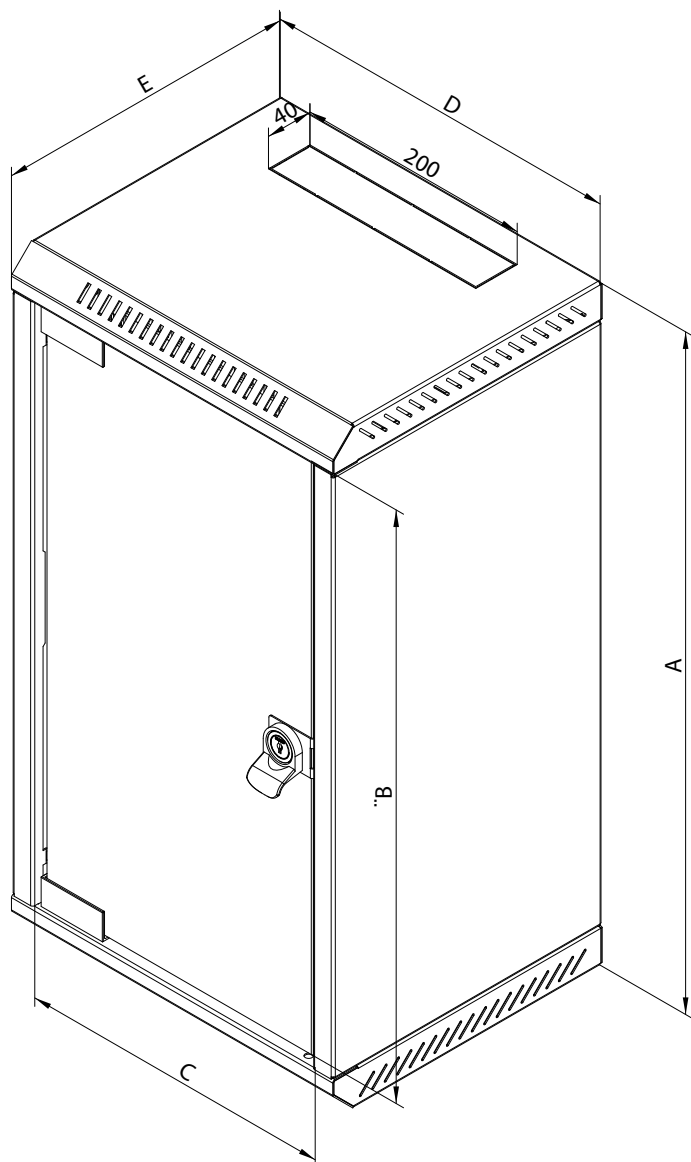
Cable openings covered with breakout-type blanking panels are ready in the top, bottom and rear part of the cabinet.

## RKA 10"/19"

Type	A	B	C	D	E	R1	R2	Weight gross (kg)	Weight net (kg)	Maximum recommended load (kg)
(mm)										
RKA-10-AS3-CAX-X1	570	505	270	310	260	538	212	9,3	9,0	20
RKA-10-AS4-CAX-X1	570	505	270	310	360	538	212	11,0	10,7	
RKA-10-AS5-CAX-X1	570	505	270	310	460	538	212	12,6	12,3	

### Use of the cabinet

Cabinet allows the installation of 10" (10U horizontally) or 19" components (5U vertically). When the network need to be enlarged, then it is not necessary to change the infrastructure. It is enough only to reconnect current cabling. All this makes the cabinet to become a perfect solution for all small and mid-sized installations (SOHO solutions). The cabinet is offered in three different depths which cover basic dimensions of active components, which are intended for such solutions.



RKA 10"/19"

# RKA – 10"/19" wall mounted cabinet

Welded 10" or 19" cabinet, IP20, capacity 20 kg. Cabinet allows the installation of 10" (10U horizontally) or 19" components (5U vertically). When the network needs to be enlarged, then it is not necessary to change the infrastructure. It is enough only to reconnect current cabling. All this makes the cabinet to become a perfect solution for all small and mid-sized installations (SOHO solutions). The cabinet is offered in three different depths which cover basic dimensions of active components, which are intended for such solutions.

## PRODUCT DETAILS

### Rigid construction

The cabinet has a robust welded construction. High quality workmanship and the latest technology ensure excellent design of the cabinet.

### Doors

The cabinets are supplied with fully glass door as standard. On request can be also provide with solid metal or perforated door.

### Flexible door opening

The hinge system allows the door to open at an angle of 130°.

### Glass

The full-glass door are made of 4mm 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.

### Door lock

Allows easy and quick access to the cabinet.

### Adjustable mounting frame

The 10"/19" mounting frame can be depth-adjusted inside the cabinet in predefined positions. This simplifies mounting of devices and organisation of patch cables.

### Breakout-type blanking panels

Cable openings covered with breakout-type blanking panels are ready in the top, bottom and rear part of the cabinet. The cables can be sealed against dust penetration with a brush. A fringe edge is used to protect the cables from damage (not included in the cabinet supply, both is optional accessories).

## DESCRIPTION, PURPOSE OF USE

- 10"/19" wall-mounted cabinet IP20 protection.
- Cabinet is to be hanged right on the wall.
- Cabinet supply includes the 10"/19" mounting frame.
- Cabinet construction:
  - Compact welded cabinet,
  - Safety hardened fully glass door, thickness 4 mm. May be solid metal or perforated on request.
- Max. permissible load of the door is 10 kg.
- Min. thickness of the surface finish is 65 µm.
- Cabinets are intended for installation of 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 M5 screw placed on the bottom part of the cabinet as a central earthing point.
- Cable entries covered with break-out blanking panels are placed in the top and the bottom part of the cabinet rear side, others are in the top and the bottom side of cabinet.

## 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/or 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.

#### **Installation of the cabinet**

This type of cabinet is to be hanged directly on the wall using screws, dowels and washers (included). The spacing of the mounting holes is marked with "R" on the cabinet scheme. To secure the maximum recommended load capacity, it is necessary that the cabinet is mounted on a wall of adequate load capacity (brick, concrete or similar) and that the installed load is evenly distributed in the cabinet. If the cables are routed through one of the cable entries, it can be sealed against dust penetration with a brush and protected with a fringe edge (both is optional accessories).

#### **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 fully in accordance with ČSN EN 62208 ed.2:2012 (EN 62208:2011).







## 10" – RBA

Cabinet for small office/home office network (SOHO).  
IP20, capacity 20 kg



#### ■ Rigid construction

The cabinet has a robust welded construction. High quality workmanship and the latest technology ensure excellent design of the cabinet.



#### ■ Flexible door opening

The hinge system allows convenient access. Door opening angle is 130°.



#### ■ Door lock

Locks safely the cabinet and protects the installed devices.

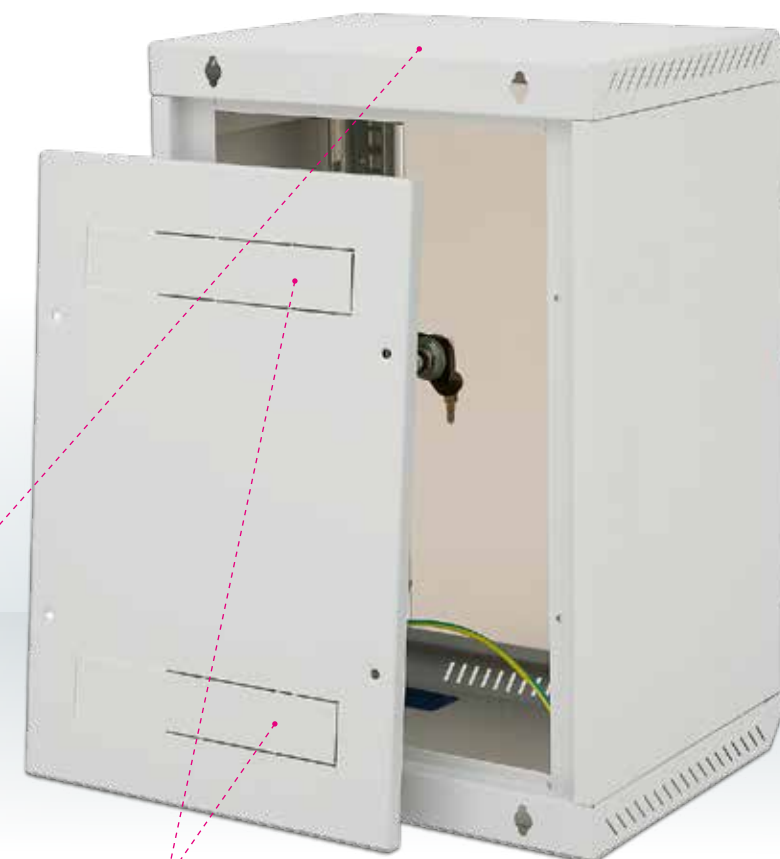


#### ■ Adjustable mounting frame

The 10" vertical rails can be depth-adjusted inside the cabinet in predefined positions.

#### ■ Doors

The cabinet has fully glass door in standard. It can be solid steel or perforated if required.



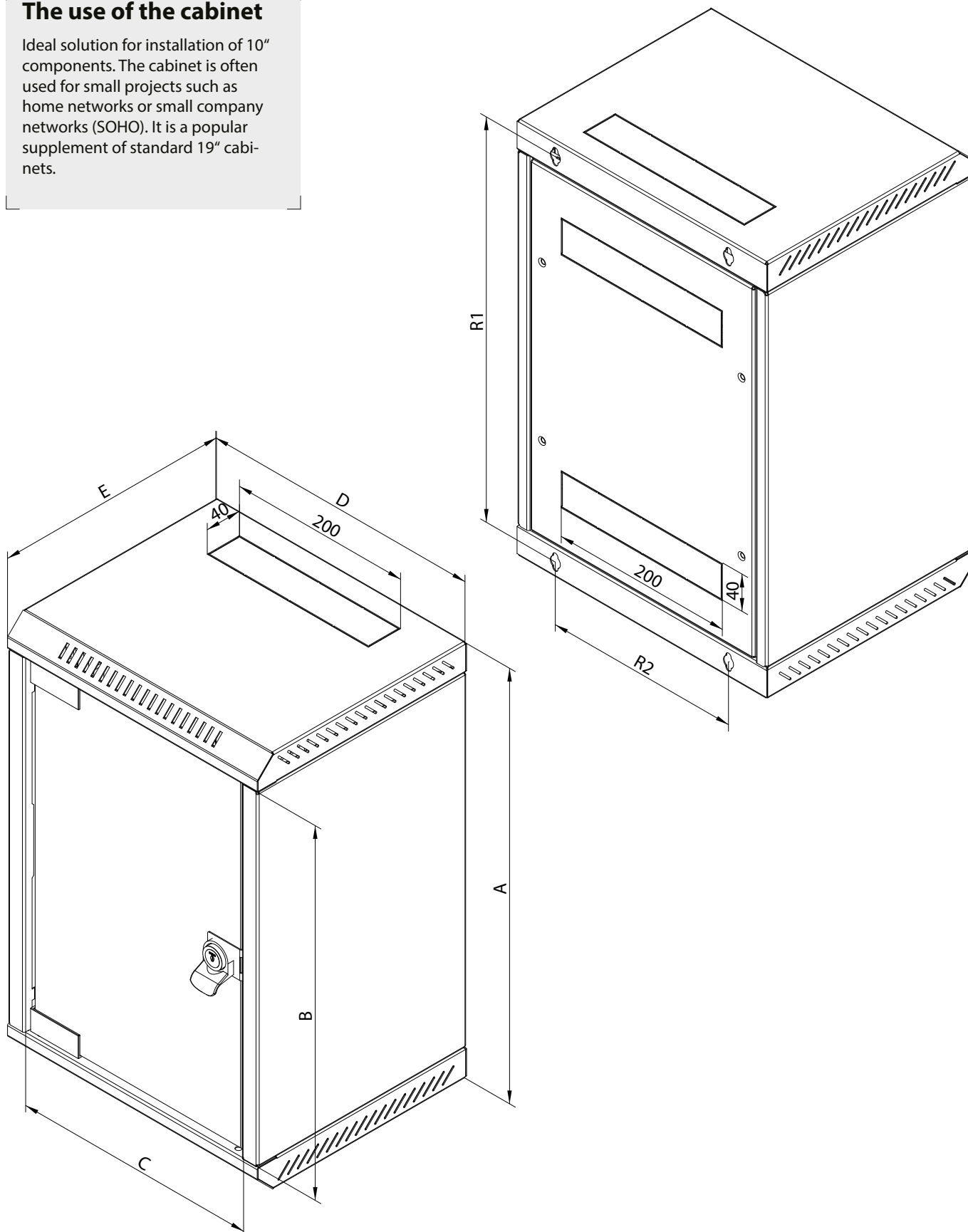
#### ■ Breakout-type blanking panels

Cable openings covered with breakout-type blanking panels are located in the top, bottom and rear part of the cabinet.

RBA (DELTA 10")										
Type	A	B	C	D	E	R1	R2	Weight gross (kg)	Weight net (kg)	Maximum recommended load (kg)
	(mm)									
RBA-04-AS3-CAX-C1	248	169	255	310	260	212	212	5,5	5,4	20
RBA-06-AS3-CAX-C1	337	258	255	310	260	301	212	6,9	6,9	
RBA-09-AS3-CAX-C1	470	391	255	310	260	434	212	8,3	8,2	

## The use of the cabinet

Ideal solution for installation of 10" components. The cabinet is often used for small projects such as home networks or small company networks (SOHO). It is a popular supplement of standard 19" cabinets.



RBA 10"

## RBA – 10" wall-mounted cabinet

Cabinet for small home networks (SOHO) IP20, load capacity 20 kg. Ideal solution for installing 10" components. The cabinet is often used in small projects such as home networks or small business networks (SOHO). It is a popular complement to the classic 19" cabinets.

### PRODUCT DETAILS

#### Rigid construction

The cabinet has a robust welded construction. High quality workmanship and the latest technology ensure excellent design of the cabinet.

#### Doors

The cabinets are supplied with fully glass door as standard. On request can be also provide with solid metal or perforated door.

#### Flexible door opening

The hinge system allows the door to open at an angle of 130°.

#### Glass

The full-glass door are made of 4mm 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.

#### Door lock

Allows easy and quick access to the cabinet.

#### Adjustable mounting frame

The 10" vertical rails can be depth-adjusted inside the cabinet in predefined positions. This simplifies mounting of devices and organisation of patch cables.

#### Breakout-type blanking panels

Cable openings covered with breakout-type blanking panels are ready in the top, bottom and rear part of the cabinet. The cables can be sealed against dust penetration with a brush. A fringe edge is used to protect the cables from damage (not included in the cabinet supply, both is optional accessories).

### DESCRIPTION, PURPOSE OF USE

- 10" one sectioned wall-mounted cabinet with IP20 protection.
- Cabinet is to be hanged right on the wall.
- Cabinet supply includes two adjustable vertical rails.
- Cabinet construction:
  - Compact welded cabinet,
  - Safety hardened fully glass door, thickness 4 mm. May be solid metal or perforated on request.
- Max. permissible load of the door is 10 kg.
- Min. thickness of the surface finish is 65 µm.
- Cabinets are intended for installation of 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 M5 screw placed on the bottom part of the cabinet as a central earthing point.
- Cable entries covered with break-out blanking panels are placed in the top and the bottom part of the cabinet rear side, others are in the top and the bottom side of cabinet.

### 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/or 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.

#### **Installation of the cabinet**

This type of cabinet is to be hanged directly on the wall using screws, dowels and washers (included). The spacing of the mounting holes is marked with "R" on the cabinet scheme. To secure the maximum recommended load capacity, it is necessary that the cabinet is mounted on a wall of adequate load capacity (brick, concrete or similar) and that the installed load is evenly distributed in the cabinet. If the cables are routed through one of the cable entries, it can be sealed against dust penetration with a brush and protected with a fringe edge (both is optional accessories).

#### **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](http://www.triton-racks.com/certificates).







# Special Cabinets

## Special Cabinets – Overview



### RCA

Cabinet under the working desk.  
IP20, capacity 200 kg

221



### RNA

Data module of hybrid cabinets,  
IP20 / IK05

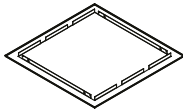
227



### SNA

Power module of hybrid cabinets  
for home distribution systems, IP20 / IK06

235



### RNA, SNA - Accessories

Accessories for RNA and SNA cabinets

243



# RCA

Cabinet for consolidating office network infrastructure  
under a desk. IP20, capacity 200 kg



### ■ Rigid construction

High quality workmanship and up-to-date technology ensure a perfect look of the cabinet.



### ■ Flexible door opening

The hinge system allows the door to open 165°. The door can be easily removed.



### ■ Door lock

It enables an easy and quick access into the cabinet.



### ■ Adjustable vertical rails

Cabinet contains two pairs of freely adjustable 19" rails. Versions deeper than 800 mm are delivered with one additional pair of the middle vertical rails.

### ■ Breakout-type blanking panels

Cable openings covered with breakout-type blanking panels are located in the bottom and rear part of the cabinet.

### Door

The cabinet has fully glass door in standard. It can be solid steel or perforated if required.



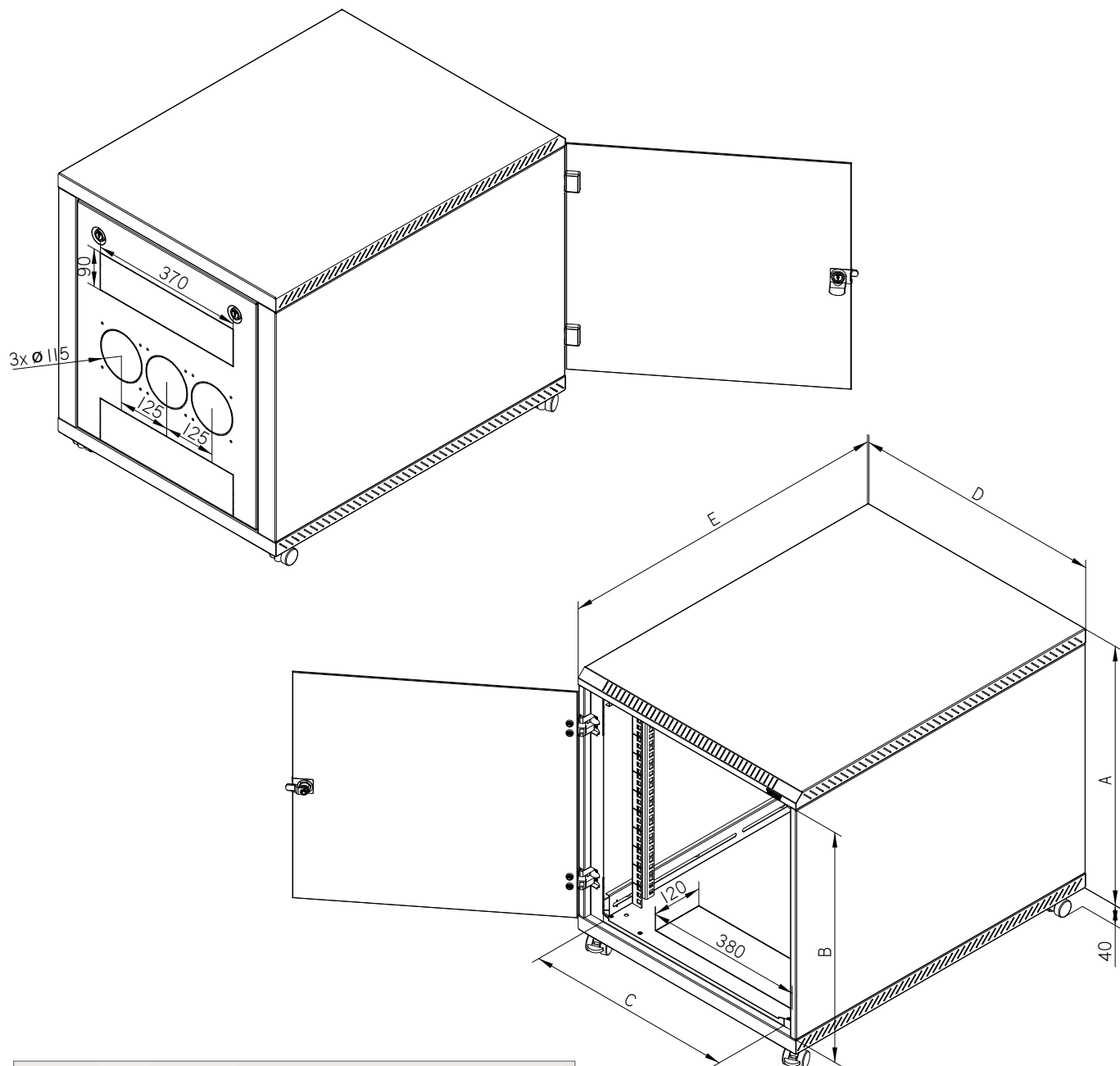
### ■ Castors

This type of cabinet is installed on castors (included in delivery). Two of them are with a brake.



## RCA (DELTA C)

Type	A	B	C	D	E	Weight gross (kg)	Weight net (kg)	Maximum recommended load (kg)
	(mm)							
RCA-12-A68-CAX-A1	620	515	490	600	800	48,0	40,1	200
RCA-12-A69-CAX-A1	620	515	490	600	900	53,2	43,4	
RCA-12-A61-CAX-A1	620	515	490	600	1000	56,3	45,9	



### Fan unit installation

On the rear wall there is a preparation for mounting an additional ventilation unit for wall-mounted switchboards supporting cooling of installed devices (e.g. RAx-CH-X2x-X1 see Active cooling section).

### Supply

Key for the front door ..... 2x  
 Castors without a brake ..... 2x  
 Castors with a brake ..... 2x

# RCA container cabinet

Cabinet for consolidating office network infrastructure under a desk IP20, capacity 200 kg.

## PRODUCT DETAILS

### Castors

This type of cabinet is installed on castors (included in supply). Two of them are equipped with a brake.

### Adjustable vertical rails

The cabinet contains two pairs of freely adjustable 19" rails. Versions deeper than 800 mm are delivered with one additional pair of the middle vertical rails.

### Breakout-type blanking panels

Cable openings covered with breakout-type blanking panels are located in the bottom and rear part of the cabinet.

### Rigid construction

High quality workmanship and the most up-to-date technology ensure a perfect look of the cabinet.

### Flexible door opening

The hinge system allows the door to open 165°. The door can be easily removed.

### Glass

The full-glass door are made of 4mm thick tempered safety glass, which is resistant to ordinary impacts. When broken, it forms a number of small fragments like automotive glass. For safety reasons, we recommend closing the full-glass door after installing the equipment in the cabinet so that it cannot collide with other objects. Our full-glass doors are 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.

### Door lock

It enables easy and quick access into the cabinet.

### Door

The cabinet has fully glass door as standard, however, it can be steel or perforated if required.

### Fan unit installation

On the back wall is the preparation in form of break-out openings for the installation of fan units RAX-CH-X2x-X1 or fans RAX-CH-X07-X9 for wall mounting cabinet to support cooling of installed equipment (see Active cooling).

## DESCRIPTION, PURPOSE OF USE

- 19" container cabinet with IP20 protection.
- Cabinet is intended to be placed on castors under a work desk.
- The cabinet includes two pairs of vertical rails (three pairs at cabinets deeper than 800 mm).
- Cabinet construction:
  - Compact welded cabinet,
  - Safety hardened glass door, thickness 4 mm. On demand may be metal or perforated.
- Max. permissible load of the door is 10 kg.
- Min. thickness of the surface finish is 65 µm.
- Cabinets are intended for installation of data and telecommunication devices and their distribution systems.
- The frame of the cabinet and all the removable parts are bonded with patch 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 rear side, others are in the bottom side of the cabinet.

## ADDITIONAL INFORMATION

### Operating conditions

- **Operating environment:**
  - Office,
  - The cabinet is not intended for outdoor installations and for installations in environment that can influence negatively 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),
- device installation that can influence negatively operation and function of the cabinet or the installed equipment,
- change of the construction or design of the cabinet.

#### **Installation of the cabinet**

This type of cabinet is installed on castors (included in supply). Two of them are with brake.

#### **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. Latest certificate is available at [www.triton-racks.com/certificates](http://www.triton-racks.com/certificates). Product is fully in accordance with ČSN EN 62208 ed.2:2012 (EN 62208:2011).





## hybrid cabinet – RNA

Data module of hybrid cabinets  
for home distribution systems. IP20 / IK05





### ■ Swing side panels

Side panels on both sides of the cabinet are hinged and removable for easy installation of mounted components. All removable and rotating parts are connected according to the standard.



### ■ Data distribution

For the installation of data and communication distribution are prepared Keystone Standard modules in which easily fit any cables.



### ■ Power supply

On the opposite side of the data distribution system is preparation for the installation of the power system 230 V. According to the size of the cabinet there is a prepared opening for mounting classic sockets (with protective plastic box) and / or 10" 1U mounting opening extended for the possibility to install up to three common sockets.

### ■ Door construction

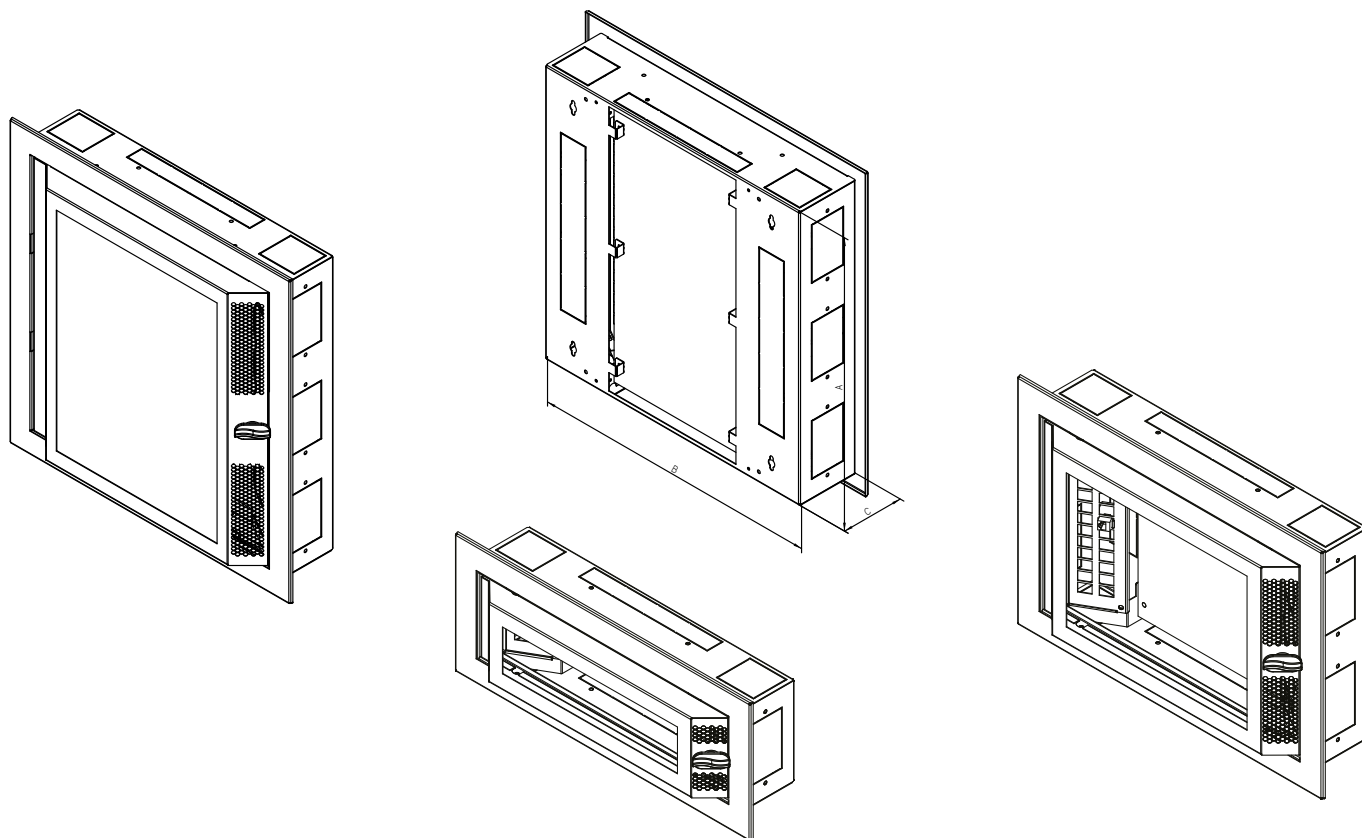
Plastic door panels and the entire structure support installation of WiFi devices.



Data cabinet is designed to accomplish all home cable distribution and installation of active elements. It is possible here to connect Internet, TV and satellite distribution systems, audio, as well as traditional telephone and ADSL connections.

Cable entries on the top, bottom and both sides of the cabinet allow it's mounting into larger assemblies with other cabinets of this series including power distribution cabinets. The doors of the cabinet are raised upward to ensure the necessary bending radius of the cables, including fiber cables. Perforation on the sides helps cooling of installed active elements. Installation of equipment with self-tapping screws on the inner plastic plate is quick and easy. Cabinets are supplied in modular height where one module occupies 166 mm. Power distribution cabinets of this series are in these modules as well. Width and depth of the cabinet is the same for all heights. The cabinet is universal for mounting on the wall or under the wall plaster. For installation in a recess in the wall is available a cover frame RAY-NF-X0x-X1.

**Thanks to the modularity can be used for example 2 modules high data part and 1 module electro, all covered with 3 modular frame.**



RNA



RNA											
Type	Outer sizes (mm)			Span for hanging		Number of modules	Mounting plate w x h (mm)	10" mounting opening for socketsy	Opening for sockets	Weight gross (kg)	Weight net (kg)
	A	B	C	R1	R2						
RNA-01-A51-YXX-X1	166	500	110	76	390	2 x 4	260 x 141	0	1	4,6	4,4
RNA-02-A51-YXX-X1	333	500	110	243	390	2 x 13	260 x 308	1	0	6,7	6,4
RNA-03-A51-YXX-X1	500	500	110	410	390	2 x 22	260 x 475	1	1	7	6,7

Recess for installation cabinet in the wall must be about 15-20 mm larger in each direction than the size of the cabinet.  
Usable depth of equipment is 110 mm.



#### ■ Data distributions

There is a swing bearing panel with holes according to the most widely used Keystone Standard ready in the cabinet, for any data cabling termination - optical or metallic. All moving or detachable parts of the cabinet are interconnected according to standard.



#### ■ Slide lock

The door of the cabinet are secured with a plastic slide lock which closes them securely against spontaneous and accidental opening and also allows easy operation of installed equipment.



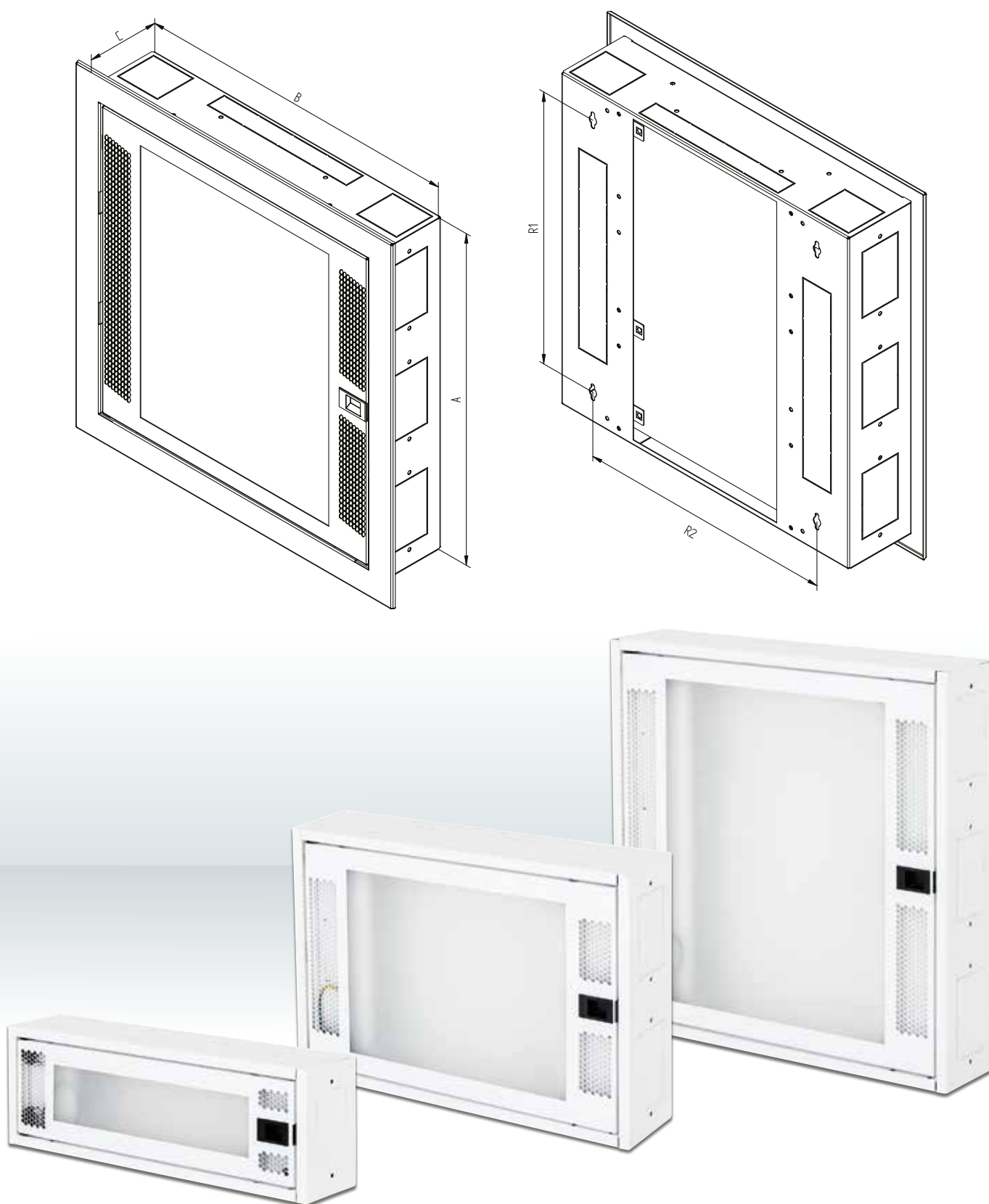
#### ■ Power supply

For mounting power distributions of 230 V, there is a separable panel available in every cabinet. This separable panel is designed for installation of classic sockets with protective plastic box. In larger cabinets it is possible to install even 10" distribution panel. In the flat door version it is only possible to use sockets called Legrand size - with the frontal panel size 45 x 45 mm.



#### Flat door version cabinet

Data cabinet RNA with the flat door (version -X2 in the end of the code) was developed for installation in places, where it is not possible to profit from the benefits of standard model of this cabinet. The total depth of this modified cabinet, including door, reaches only 110 mm. But using flat door brings some restrictions. The holder of the keystone for fitting data distributions is positioned upright to the plastic mounting plate, so the cables are interfering more to the space which is designed for installation active elements. Also, part which is specified (designed) for power supply distribution is different from the basic model. Because of the space restriction it is only possible to use sockets with the outside sizes 45 x 45 mm (called Legrand standard) without cover frame and the sockets are mounted on removable mounting panel. The possibility of using 10" power panel with the RNA-02 and RNA-03 types remained unchanged, as well as other properties of the basic version cabinet (mounting on/under the plaster, modularity etc.). The space for installation of the cartridge for optical welds in the space behind the plastic mounting plate meets the requirements of the relevant standards for the home installation.



### RNA - Flat door version cabinet

Type	Outer sizes (mm)			Span for hanging		Number of modules	Mounting plate w x h (mm)	10" mounting opening for sockets	Opening for sockets	Weight gross (kg)	Weight net (kg)
	A	B	C	R1	R2						
RNA-01-A51-YXX-X2	166	500	110	76	390	2 x 4	260 x 141	0	1	4,6	4,4
RNA-02-A51-YXX-X2	333	500	110	243	390	2 x 13	260 x 308	1	0	6,7	6,4
RNA-03-A51-YXX-X2	500	500	110	410	390	2 x 22	260 x 475	1	1	7	6,7

Recess for installation cabinet in the wall must be about 15-20 mm larger in each direction than the size of the cabinet.  
Usable depth of equipment is 80 mm.

# Data cabinet RNA

Data module of hybrid cabinets for home distribution systems IP20 / IK05.

## PRODUCT DETAILS

Cable entries on the top, bottom and both sides of the cabinet allow its mounting into larger assemblies with other cabinets of this series, including power distribution cabinets. The cabinet door is raised towards the front to ensure the required bending radius of the cables, including fibre cables. Perforation on the sides helps the cooling of installed active elements. The installation of equipment with self-tapping screws on the inner plastic plate is quick and easy. Cabinets are supplied in modular height, where one module occupies 166 mm. Power distribution cabinets of this series are also included in these modules. The width and depth of the cabinet is uniform for all heights. The cabinet is universal for mounting on the wall or under the wall plaster. A cover frame is available for wall mounting. Thanks to the modularity of the cabinet, it is possible to use, for example, a data part with a height of 2 modules and 1 electro module, all covered by a modular frame with a height of 3 modules.

### Swing side panels

Side panels on both sides of the cabinet are folded for easy assembly of mounted components. All removable and rotating parts are connected according to the standard.

### Data distribution

Keystone Standard modules are ready for the installation of data and communication distributions, into which any cables can easily fit.

### Power supply

On the opposite side of the data distribution system is the preparation for the installation of the power system 230 V. Depending on the size of the cabinet, there is an opening prepared for mounting classic sockets (with protective plastic box) and / or 10" 1U mounting opening extended for the possibility of installing up to three common sockets.

### Door construction

The plastic door panel and the entire structure support the installation of Wi-Fi devices.

### Flat door version cabinet

The RNA data cabinet with flat door (version -X2 at the end of the code) was developed for installation in places where it is not possible to benefit from the advantages of the standard model of this cabinet. The total depth of this modified cabinet, including the door, is only 110 mm. However, using a flat door brings some restrictions. The keystone holder for fitting data distributions is perpendicular to the plastic mounting plate, causing the cables to interfere more with the designated space for installing active elements. Additionally, the part designed for power supply distribution differs the basic model. Because of the space restriction, it is only possible to use sockets with the outside sizes 45 x 45 mm (so-called Legrand standard) without a cover frame and the sockets are mounted on a removable mounting panel. The possibility of using a 10" power panel with the RNA-02 and RNA-03 types remained unchanged, as well as other properties of the standard version of the cabinet (mounting on/under the plaster, modularity etc.). The space for the installation of the cartridge for optical welds in the space behind the plastic mounting plate meets the requirements of the relevant standards for home installation.

### Data distributions

To achieve any data cabling, optical or metallic, a swing bearing panel with holes according to the most widely used Keystone Standard is prepared in the cabinet. All moving or detachable parts of the cabinet are interconnected according to the standard.

### Slide lock

The cabinet door is secured with a plastic slide lock, providing a secure closure to prevent spontaneous or accidental opening and allows easy operation of the installed equipment.

### Power supply

For mounting of the 230 V power distribution, a separable panel is available in every cabinet. This separable panel is designed for the installation of classic sockets with a protective plastic box. For larger cabinets, a 10" distribution panel can be installed. In the flat door version, it is only possible to use the so-called Legrand size sockets – with the front panel of 45 x 45 mm.

## DESCRIPTION, PURPOSE OF USE

- IP20 / IK05.
- Cabinet hangs directly on the wall or can be installed in a prepared recess in the wall.
- Cabinet is designed for individual assembly or with cabinet SNA.
- Multigate (cable openings) on the top, bottom and both side panels of the cabinet allow joining the cabinet into the larger sets with other cabinets of this series including an electrical cabinets SNA type.
- Cabinet construction:
  - welded frame from 1 mm thick sheet steel combined with plastic PEHD 8 mm.
  - frame door combined with steel of 1 mm thickness and plastic PP-H 1,5 mm.
- The frame of the cabinet and all the removable parts (side and rear covers, doors...) are bonded with patch 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 of the cabinets, as well as on the sides.
- Maximum permissible load – cabinet: 20 kg; door: 2 kg.

## ADDITIONAL INFORMATION

### Operating conditions

- **Operating environment:**
  - houses, private residences
  - cabinets are not intended for outdoor installation or installation in environments which could adversely affect the functionality of the cabinet and the equipment installed in it (such as an environment where there is a danger of explosions or a damp or humid environment)
- **Must be protected against:**
  - physical damage
  - improper handling
  - other uses than the one it was intended for
- Improper handling means primarily:
  - overloading (exceeding the maximum recommended loading capacity)
  - installing equipment which could adversely affect the operation and functionality of the cabinet or other installed devices
  - interference with the construction or design of the cabinet

### Installation of the cabinet

This type of cabinet hangs directly on the wall, held in place by screws, anchors and washers.

Can be also installed in a prepared recess in a wall using standard construction methods.

To ensure the maximum recommended loading capacity, it is necessary to fix the cabinet securely to a wall of corresponding capacity (brick, concrete or similar) and to install all equipment inside in such a way as to evenly spread out the weight of the equipment.

### 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 EZÚ Czech.

Latest certificate is available at [www.triton-racks.com/certificates](http://www.triton-racks.com/certificates). Product is fully in accordance with ČSN EN 62208 ed.2:2012 (EN 62208:2011).





## hybrid cabinet – **SNA**

Power distribution module of hybrid cabinets  
for home distribution systems. IP20 / IK06



#### ■ Removable door

The system of hinges fixing allows easy dismantling of the door.



#### ■ Cover frame

To take advantage of the possibility of installation in the wall, it is possible to purchase cover frames for different size combinations of RAY-NF-X0x-X1.



#### ■ Unique design of the door

The structure of the cabinet is designed for minimum installation depth.



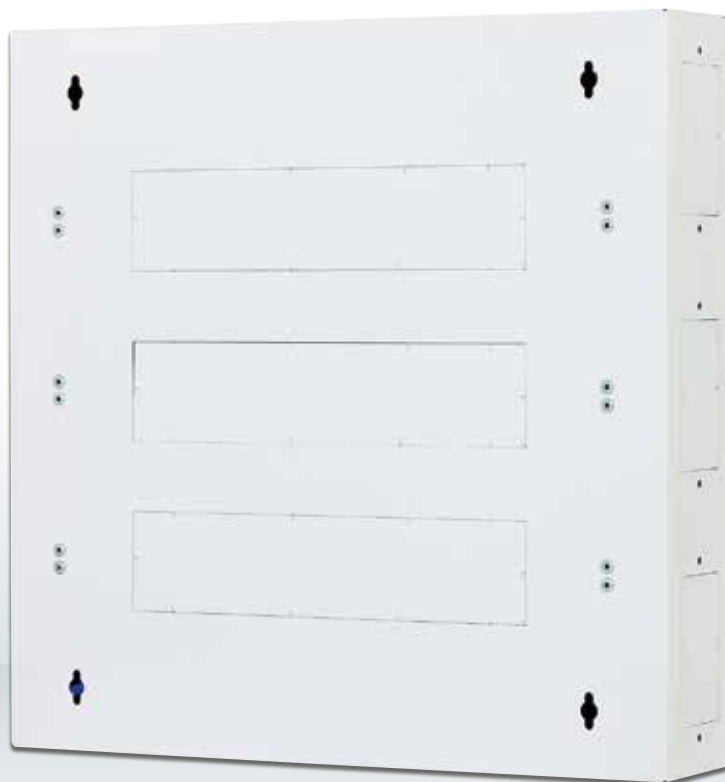
#### ■ Terminal block PE + N

Part of the cabinets are terminal block for connecting the PE and N wires and screw to connect the bonding.

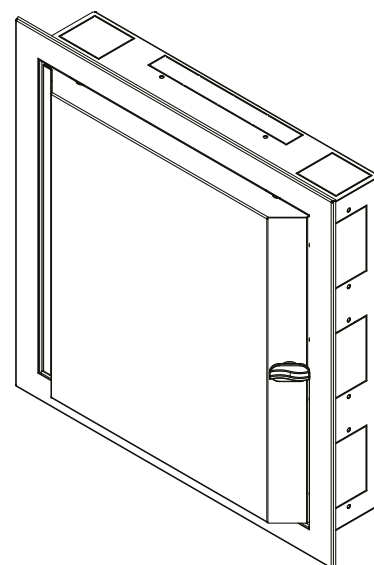
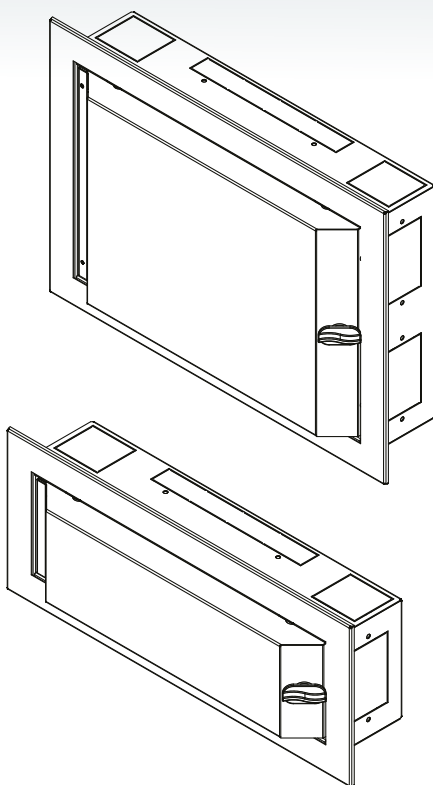
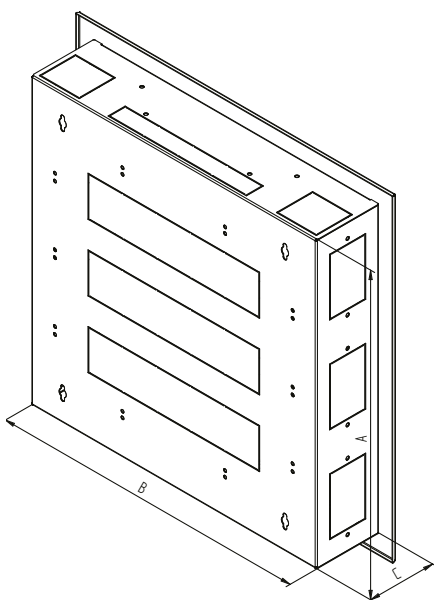


#### ■ Mounting variability

In the frame of the cabinet are always prepared holes for mounting right or left opening and installation cover frame.



SNA

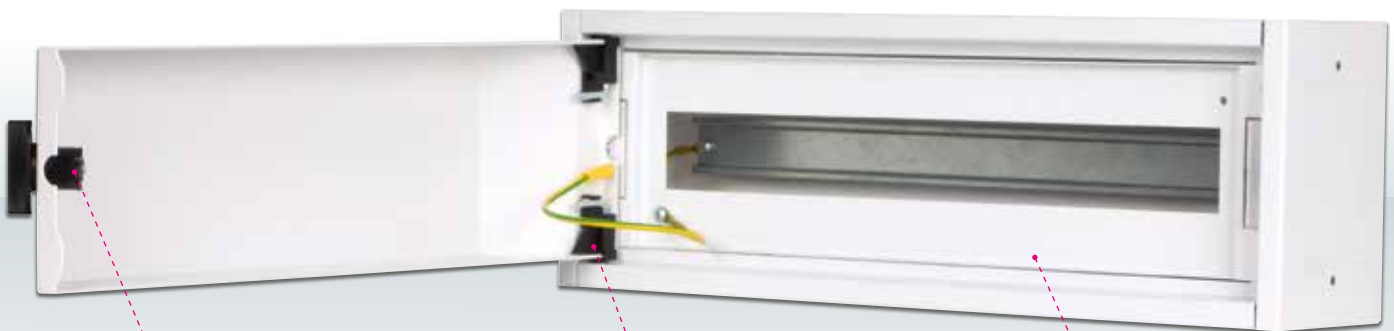


SNA									
Type	Outer sizes (mm)			Span for hanging		Number of modules	Heat Dissipation [W]*	Weight gross (kg)	Weight net (kg)
	A	B	C	R1	R2				
SNA-01-C51-YXX-X1	166	500	110	76	390	1 x 22	25	4,6	4,4
SNA-02-C51-YXX-X1	333	500	110	243	390	2 x 22	41	6,7	6,4
SNA-03-C51-YXX-X1	500	500	110	410	390	3 x 22	58	7	6,7

Recess for installation cabinet in the wall must be about 15-20 mm larger in each direction than the size of the cabinet.

\* Scattering of thermal energy is set by calculation according IEC 890+A1 for: cabinet by its back to the wall, without fan openings, without horizontal bulkhead, warming up to 20 K in 3/4 height of the cover.





#### ■ Slide lock

Plastic slide lock meets the requirement of easy opening the power cabinet, does not protrude in front of the cabinet and protects the cabinet against accidental opening.



#### ■ Flat door

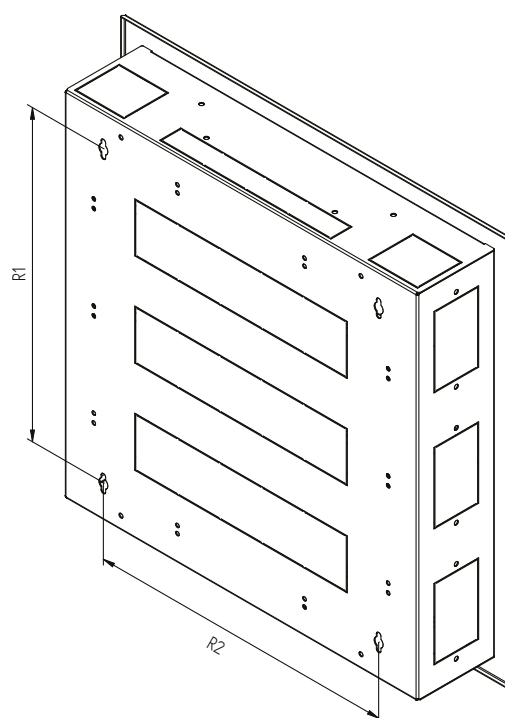
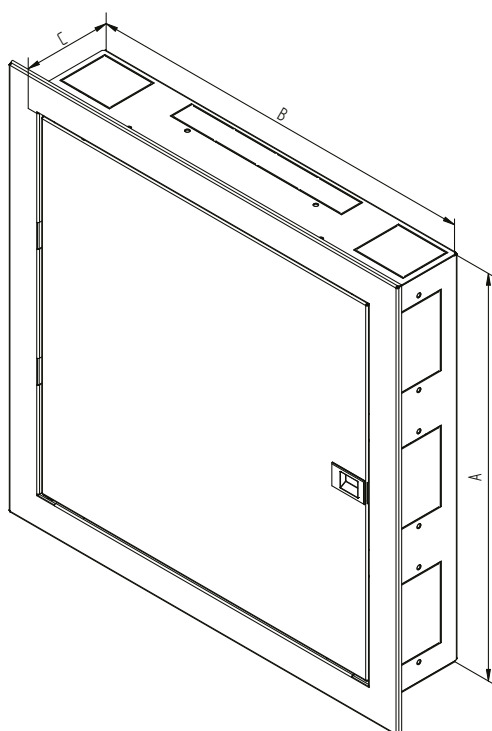
The -X2 version cabinet has a flat door which are not protruding in front of the skeleton of the cabinet. It is easy to change the door's opening side or demount them completely for a comfort installation.



#### ■ DIN rails

Because of the flat door, DIN rails had to be moved more to the depth of the cabinet, so that seamless function of the installed devices was maintained. Terminal PE + N was maintained and the space under the DIN rails still allows comfort connecting of the conductors.





### SNA - Flat door version cabinet

Type	Outer sizes (mm)			Span for hanging		Number of modules	Heat Dissipation [W]*	Weight gross (kg)	Weight net (kg)
	A	B	C	R1	R2				
SNA-01-C51-YXX-X2	166	500	110	76	390	1 x 22	25	4,6	4,4
SNA-02-C51-YXX-X2	333	500	110	243	390	2 x 22	41	6,7	6,4
SNA-03-C51-YXX-X2	500	500	110	410	390	3 x 22	58	7	6,7

Recess for installation cabinet in the wall must be about 15-20 mm larger in each direction than the size of the cabinet.

\* Scattering of thermal energy is set by calculation according IEC 890+A1 for: cabinet by its back to the wall, without fan openings, without horizontal bulkhead, warming up to 20 K in 3/4 high of the cover.

# Power wall-mounted cabinet SNA

Power distribution module of hybrid cabinets for home distribution systems. IP20 / IK06.

## PRODUCT DETAILS

Cable entries on the top, bottom and both sides of the cabinet allow its mounting into larger assemblies with other cabinets of this series including data cabinets. Cabinets are supplied in modular height, where one module occupies 166 mm. Data cabinets of this series are also included in these modules. The width and depth of the cabinet is uniform for all heights. The cabinet is universal for mounting on the wall or under the wall plaster. A cover frame is available for wall mounting. Thanks to the modularity of the cabinet, it is possible to use, for example, a data part with a height of 2 modules and 1 electro module, all covered by a modular frame with a height of 3 modules.

### Removable door

The system of hinge mounting allows easy dismantling of the door.

### Cover frame

When using the option of installation in the recess in the wall, cover frames are available for various size combinations.

### Unique door design

The structure of the cabinet is designed for minimum installation depth.

### Terminal block PE + N

The cabinet includes both terminal blocks for connecting PE and N conductors and a screw for connecting the bonding.

### Mounting variability

Holes for mounting the right or left opening and mounting the cover frame are always prepared in the cabinet frame.

## SNA – FLAT DOOR VERSION CABINET

### Slide lock

The plastic slide lock meets the requirement of easy opening of the power cabinet, does not protrude into the space in front of the cabinet and protects the cabinet against accidental opening.

### Flat door

The -X2 version cabinet has a flat door, which is not protruding in front of the frame of the cabinet. The door can be easily configured to open on the opposite side, as well as completely disassembled for comfort installation.

### DIN rails

Because of the flat door, DIN rails had to be positioned further inside the cabinet, so that seamless function of the installed devices was maintained. The terminal PE + N was also maintained and the space under the DIN rails still allows comfortable connecting of the conductors.

## DESCRIPTION, PURPOSE OF USE

- IP20 / IK06.
- Cabinet hangs directly on the wall or can be installed in a prepared recess in the wall.
- Cabinet is designed for individual assembly or with cabinet RNA.
- Multigate (cable openings) on the top, bottom and both side panels of the cabinet allow joining the cabinet into the larger sets with other cabinets of this series including an data cabinets RNA type.
- Cabinet construction:
  - welded frame from 1 mm thick sheet steel,
  - steel door of 1 mm thickness.
- The frame of the cabinet and all the removable parts (side and rear covers, doors...) are bonded with patch 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 of the cabinets, as well as on the sides.
- Maximum permissible load – cabinet: 20 kg; door: 2 kg.

## ADDITIONAL INFORMATION

### Operating conditions

- **Operating environment:**
  - houses, private residences,
  - cabinets are not intended for outdoor installation or installation in environments which could adversely affect the functionality of the cabinet and the equipment installed in it (such as an environment where there is a danger of explosions or a damp or humid environment).

- **Must be protected against:**
  - physical damage,
  - improper handling,
  - other uses than the one it was intended for.
- **Improper handling means primarily:**
  - overloading (exceeding the maximum recommended loading capacity),
  - installing equipment which could adversely affect the operation and functionality of the cabinet or other installed devices,
  - interference with the construction or design of the cabinet.

### **Installation of the cabinet**

This type of cabinet hangs directly on the wall, held in place by screws, anchors and washers.

Can be also installed in a prepared recess in a wall using standard construction methods.

To ensure the maximum recommended loading capacity, it is necessary to fix the cabinet securely to a wall of corresponding capacity (brick, concrete or similar) and to install all equipment inside in such a way as to evenly spread out the weight of the equipment.

### **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 EZÚ Czech.

Latest certificate is available at [www.triton-racks.com/certificates](http://www.triton-racks.com/certificates). Product is fully in accordance with ČSN EN 62208 ed.2:2012 (EN 62208:2011).

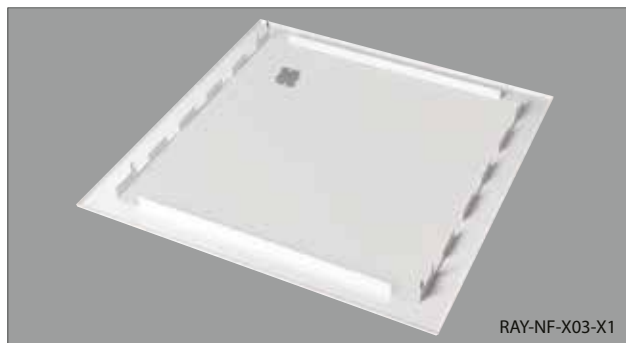






# RNA, SNA

Accessories for RNA and SNA cabinets

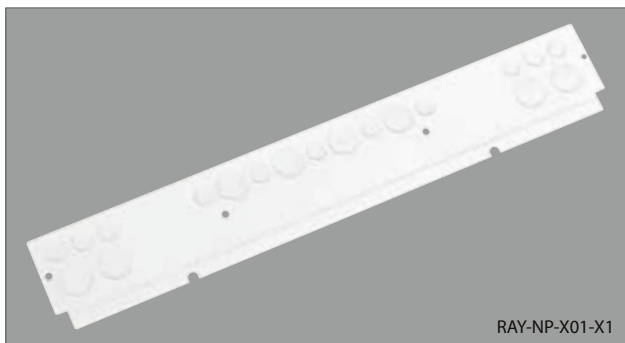


RAY-NF-X03-X1

Type	Height A (mm)	Height B (mm)
RAY-NF-X01-X1	133	216
RAY-NF-X02-X1	300	383
RAY-NF-X03-X1	466	550
RAY-NF-X04-X1	633	716
RAY-NF-X05-X1	800	883
RAY-NF-X06-X1	966	1050

### ■ RAY-NF-X0x-X1

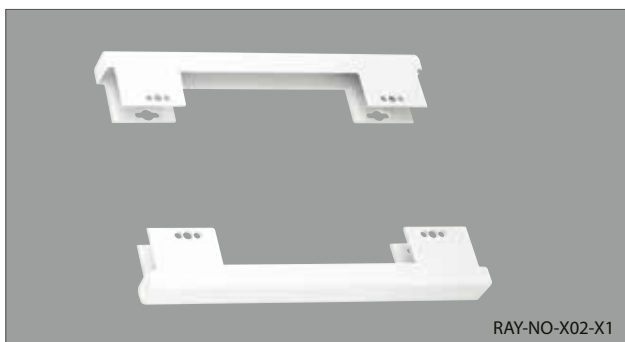
Assembly kit and cover frame for installation into the wall.



RAY-NP-X01-X1

### ■ RAY-NP-X01-X1

Prepares the breakout-type cable entries of the cabinet for mounting the protection pipes and ensures high IP protection.



RAY-NO-X02-X1

Type	Height (mm)
RAY-NO-X01-X1	166
RAY-NO-X02-X1	333
RAY-NO-X03-X1	500

### ■ RAY-NO-X0x-X1

Assembly set for mounting on the wall, 30 mm depth, for RNA/SNA. Allows cabling behind the cabinet installed on / into the wall.



RAY-NO-X20-X1

### ■ RAY-NO-X20-X1

Cover for the assembly set RAY-NO-X0x-X1, 30 mm depth, for RNA/SNA. Covers top / bottom hole behind the cabinet when using RAY-NO-X0x-X1.



RAY-NZ-X04-X1

### ■ RAY-NZ-X04-X1

Top cover for RNA/SNA.

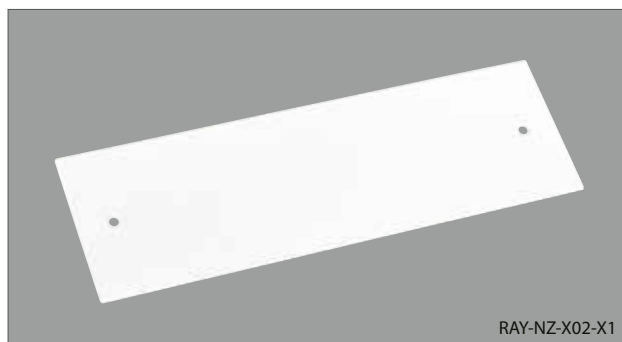


RAY-NP-X02-X1

Type	Depth (mm)
RAY-NP-X02-X1	110
RAY-NP-X03-X1	140

### ■ RAY-NP-X0x-X1

Cover of the entry for the protection pipes for RNA/SNA. Protects cabling against damage. Height 166 mm.



RAY-NZ-X02-X1

Type	Height (mm)
RAY-NZ-X01-X1	166
RAY-NZ-X02-X1	333
RAY-NZ-X03-X1	500

### ■ RAY-NZ-X0x-X1

Side cover for RNA/SNA. Eliminates accidentally breaking of side cable entries when mounted on the wall.



# Accessories

## Accessories – Overview



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# Active Cooling

Fan units, air conditioning units with static evaporator



## Standard fan units



RAB-CH-X04-X3

### Ventilation unit for free-standing cabinets

Product code	Input (W)	Number of ventilators	Noise dB
RAx-CH-X03-X3	46	2	57,8
RAx-CH-X04-X3	92	4	59,9
RAx-CH-X05-X3	138	6	61,4

### ■ RAB-CH-X0x-X3, RAC-CH-X0x-X3

These fan units are made especially for free-standing cabinets. They are installed as required into the base, top cover or door of the cabinet (opening 350 x 420 mm). A fan unit for free-standing cabinets – it is installed into the top cover from outside of the cabinet, into the bottom from inside of the cabinet. It is necessary to use the installation frame of the bottom fan unit when installing into the base of the cabinet – RAX-CH-XXX-X1 which is mounted using a two-sided gluing tape. We recommend to use a plinth under the cabinet to intake an air. Extension of temperatures adjustment: bimetallic thermostatt. Specified voltage(V/Hz): 230/50-60.



RAB-CH-X01-A1

### ■ RAB-CH-X01-A1, RAC-CH-X01-A1

19" horizontal fan unit, 2 fans, 2U, 220 V / 46 W, a thermostat, noise 57,8 dB.

#### Supply

Screw M6 x 10 ..... 4x  
 Plastic washer ..... 4x  
 Captive nut M6 ..... 4x



RAC-CH-X25-X1

### Ventilation unit for wall-mounted cabinets

Product code	Input (W)	Number of ventilators	Noise dB
RAx-CH-X24-X1	23	1	55,1
RAx-CH-X25-X1	46	2	57,8
RAx-CH-X26-X1	69	3	59

### ■ RAB-CH-X2x-X1, RAC-CH-X2x-X1

19" ventilation unit for wall-mounted cabinets RUA, RBA-...-A6. Extension of temperatures adjustment: bimetallic thermostatt. Specified voltage(V/Hz): 230/50-60.

#### Supply

Screw M6 x 10 ..... 4x  
 Plastic washer ..... 4x  
 Captive nut M6 ..... 4x



RAB-CH-X21-A1

### 19" vertical fan unit

Product code	Input (W)	Number of ventilators	Noise dB
RAx-CH-X20-A1	23	1	55,1
RAx-CH-X21-A1	46	2	57,8
RAx-CH-X16-A1	69	3	59

### ■ RAB-CH-Xxx-A1, RAC-CH-Xxx-A1

19" vertical fan unit, 4U, 220 V, a thermostat.

#### Supply

Screw M6 x 10 ..... 4x  
 Plastic washer ..... 4x  
 Captive nut M6 ..... 4x



### ■ RAB-CH-X02-A1, RAC-CH-X02-A1

19" horizontal fan unit, 4 fans, 2U, 220 V / 92 W, a thermostat, noise 59,9 dB.

#### Supply

Screw M6 x 10 .....	4x
Plastic washer .....	4x
Captive nut M6 .....	4x



### ■ RAX-CH-X07-X9

Set for mounting fan in RUA or RBA switchboard type A6 - 230 V, 50 Hz, 0.14 A, 23 W 160 m<sup>3</sup> / h

The set allows the connection and control of up to 3 fans (only one is included).

It is possible to connect the external thermostat RAX-CH-X01-X9 via the cable RAX-CH-X04-X9 (optional accessory - not included). Installation must be performed by an authorized person!



### ■ RAX-CH-X01-X9

Thermostat – adjustable switching temperature range from 0 °C up to +60 °C.



### ■ RAX-CH-X04-X9

Cable 1,25m long to connect thermostat RAX-CH-X01-X9 with set RAX-CH-X07-X9 including connectors.



### ■ RAX-CH-X01-X9

Metal frame 120 x 120 mm without a filter.



### ■ RAX-CH-X02-X9

Plastic frame 120 x 120 mm with a filter.



### ■ RAX-CH-X06-X9

Fan – 230 V / 23 W, 50 Hz / 0.14 A, 160 m<sup>3</sup>/h, 120 x 120 mm.



### ■ RAB-CH-XXX-X1, RAC-CH-XXX-X1

Bottom fixing frame for fan unit.

The fan units are designed for Tritón cabinets only.

## Active cooling

### ■ RAB-DV-Axx-X1, RAC-DV-Axx-X1

In our selection we include a special sheet-metal door with a preparation for the installation of the RAX-CH-X0x-X3 ventilation units (two, four or six fans in the ventilating unit) designated for the most of the TRITÓN free standing cabinets. Each ventilation unit has its own separate thermostat which enables a better regulation of the excess heat dissipation.

Assembly of the ventilating units to the door is similar to the installation into a ceiling or into a base of the cabinet. The door is equipped with an opening in which you can fit the ventilating unit into and then fasten it simply in four points. Moreover, the unit is secured by four self-tapping screws which strengthen the mounting and the door gains the required toughness this way.

The number of the assembly holes is given by the door's height. Therefore, one for 15U and 18U, two for 22U and 27U and three assembly holes for 32U, 37U, 42U and 45U. You can order the door with the assembly holes for fan units by entering letter I for the left and J for the right door on the sixth position of the order code, e.g. RMA-15-I66-CAX-A1.

The active door provides a cool air supply to the device. For the maximum ventilation effectivity it is necessary to fit the rear part of the cabinet with the perforated door, e.g. RMA-15-I66-CAX-A1-MAA.



RAC-DV-A07-X1

Type	Unit	A (mm)	B (mm)	Openings*
RAX-DV-A01-X1	15	675	600	1
RAX-DV-A02-X1	18	807	600	1
RAX-DV-A03-X1	22	985	600	2
RAX-DV-A04-X1	27	1205	600	2
RAX-DV-A05-X1	32	1430	600	3
RAX-DV-A06-X1	37	1655	600	3
RAX-DV-A07-X1	42	1875	600	3
RAX-DV-A08-X1	45	2010	600	3
RAX-DV-A09-X1	15	675	800	1
RAX-DV-A10-X1	18	807	800	1
RAX-DV-A11-X1	22	985	800	2
RAX-DV-A12-X1	27	1205	800	2
RAX-DV-A13-X1	32	1430	800	3
RAX-DV-A14-X1	37	1655	800	3
RAX-DV-A15-X1	42	1875	800	3
RAX-DV-A16-X1	45	2010	800	3

\* Openings for a fan

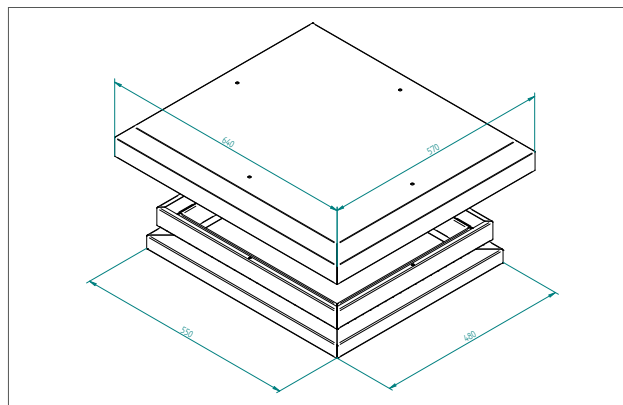
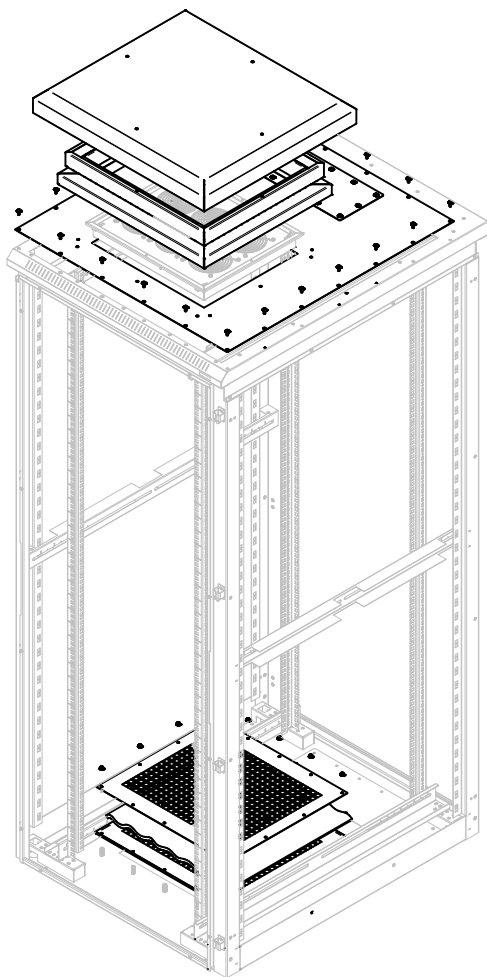


RAC-ZP-X21-X1

### ■ RAB-ZP-X21-X1, RAC-ZP-X21-X1

Blanking panel for doors with ventilation units (optional accessories - not included).

## IP5x fan unit cover



### ■ RAB-RV-V66-X1, RAC-RV-V66-X1

IP5x fan unit cover.

The unique cover of the standard fan unit allows its use even on cabinets with high IP protection (RIE, RPE, RDE). The cover prevents water and dust from entering the cabinet (dust when the fan is running). It is necessary to combine it with the appropriate Adapter for mounting the fan unit according to the cabinet width and depth and the top roof fan unit with the capacity according to the needs of the installed equipment.

Adapter for fan unit installation		
Type	Cabinet with and depth (mm)	Cable entry (number of cables)*
RAX-RV-X66-XV	600 x 600	does not have a cable input
RAX-RV-X68-XV	600 x 800	SXx-SA-K03-X1 (2 x Ø 5-9 mm; 2 x Ø 7-12 mm)
RAX-RV-X61-XV	600 x 1000	RAX-PB-X01-X1-X1 (29 x Ø 7-12 mm; 4 x Ø 7-14 mm; 4 x Ø 11-20 mm; 1 x Ø 16-29 mm)**
RAX-RV-X88-XV	800 x 800	SXx-SA-K03-X1 (2 x Ø 5-9 mm; 2 x Ø 7-12 mm)
RAX-RV-X81-XV	800 x 1000	RAX-PB-X01-X1-X1 (29 x Ø 7-12 mm; 4 x Ø 7-14 mm; 4 x Ø 11-20 mm; 1 x Ø 16-29 mm)**

### ■ RAB-RV-Xxy-XV, RAC-RV-Xxy-XV

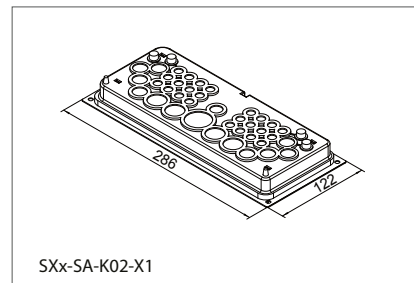
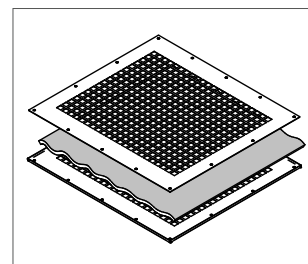
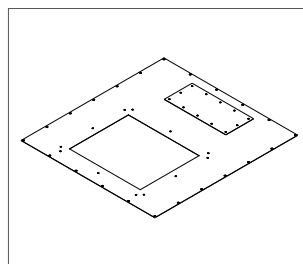
Adapter for fan unit installation.

The adapter is used for mounting a standard top roof Tritón fan unit on racks with high IP protection. The IP5x fan unit cover is then mounted on this adapter. Along with the adapter, a filter is supplied to the base of the cabinet for clean air access. When using this kit we recommend installing the cabinet on the base.

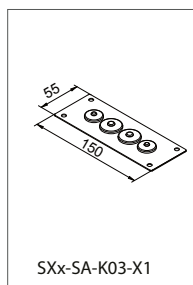
For High-IP cabinets 1000 – 1200 mm deep the same adapter is used.

\* (optional accessory - not included)

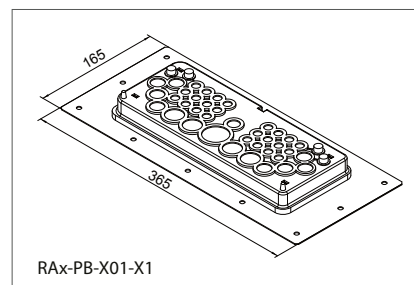
\*\* (same type of grommet supplied with the enclosure with increased IP protection)



SXx-SA-K02-X1



SXx-SA-K03-X1



RAX-PB-X01-X1



## Active cooling – Air conditioners

For active temperature management, we offer high-quality STULZ- Cosmotec A/C units. These A/C ETE units are designed for cooling the equipment in individual data cabinets (RDE and RIE cabinets with IP54 protection). These A/C units are intended for both industrial and office environments. These are compact units that extract the heat produced by the technology from the cabinet and transfer it to the immediate surroundings. Therefore, no ducting or other piping is needed, but on the other hand, sufficient air exchange in the area around the cabinet must be ensured.

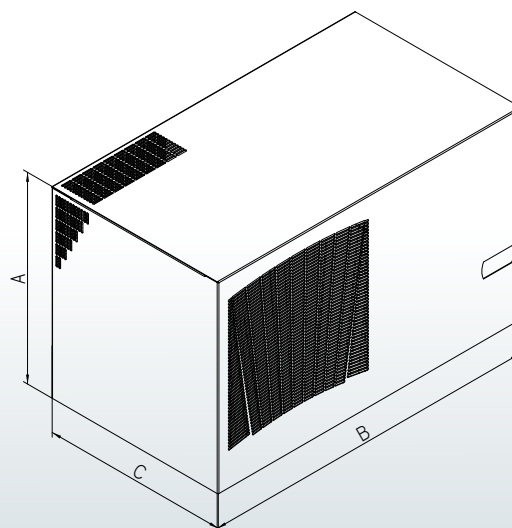
### The A/C unit has two separate circuits for air circulation:

- 1. The inside circuit**, which cools all installed equipment and enters the A/C unit, where the hot air is transferred to a cooling medium.
- 2. The circuit that is cooling compressor**, and which by an air stream takes the excess heat away.

Thanks to this arrangement, the air from outside is not mixed with the air from the inside of the cabinet. So the humidity

inside the cabinet is not affected. Excessive humidity can condense on the equipment or can freeze inside the cooling unit which can lead to damage. It is very important to set up the A/C unit correctly and then consider the surrounding temperature and humidity. It is also possible to equip our data cabinet with a door sensor, which automatically shuts the compressor off when the door is opened. The A/C unit may be controlled by an electrical unit, which includes thermostats in two different parts of the cover. There are several options for installing such A/C units. The A/C unit can draw in the hot air and blow out cold air along the side panels of the cabinet or it can be installed on the front/rear side according to the customer's requirements. For the A/C unit to function properly, it is necessary to provide it with sufficient air circulation and an appropriate temperature. The unit has special sensors which monitor the space from surrounding objects. For more information please refer to the manual of each A/C unit.

RAC-KL-ETE-X1



### ■ RAB-KL-ETE-Yx, RAC-KL-ETE-Yx

Roof cooling unit ETE. Specially designed for the installation to the top of the cabinet.

Air conditioners with a width of 800 mm can be mounted on 800 mm wide cabinets. When installed as a depth-oriented A/C unit, these units can also be used on 600 mm wide cabinets with a minimum depth of 1000 mm. A/C units with a width of 600 mm can be mounted on 600 and 800 mm wide cabinets.

### Roof cooling unit ETE

Part number	Coolant type	Cooling capacity (W)	External dimensions (A x B x C)	Temperature range set up	Power supply (V/Hz)	Air flow (m³/h)	Electric input (W)	Noise level (dB)	Weight (kg)
RAX-KL-ETE-Y1	R134a	1400	450 x 600 x 408	electrical thermostat	230/50-60	575	950	58	48
RAX-KL-ETE-Y2	R134a	2000	450 x 600 x 408	electrical thermostat	230/50-60	860	1200	62	51,5
RAX-KL-ETE-Y3	R134a	2700	485 x 800 x 465	electrical thermostat	230/50-60	860	1580	77	74,5
RAX-KL-ETE-Y4	R134a	3800	485 x 800 x 465	electrical thermostat	230/50-60	1450	2000	77	76,5



**Operating conditions:**

The ETE A/C unit is designed to work in a horizontal position as a roof unit for free-standing cabinets. It is also necessary to transport the unit in a horizontal position and install it accordingly. We offer adapters for installation on RIE, RDE and RPE data cabinets, which seal the A/C unit at the cabinet body and which also would direct the cold air flow inside the cabinet. The units contain a drip tray, which collects condensation from the cooled space. Should there be an increase in condensation (which can happen with higher air humidity, lowered temperature inside the cabinet, the door left open, etc.) it is necessary to install a safety condensate draining pipe and follow the mounting instructions described in the attached manual.

**Operating environment:**

Min. ambient temperature in the working condition: +20 °C  
 Max. ambient temperature in the working condition: +50 °C  
 Adjustable temperature range: 25 – 45 °C

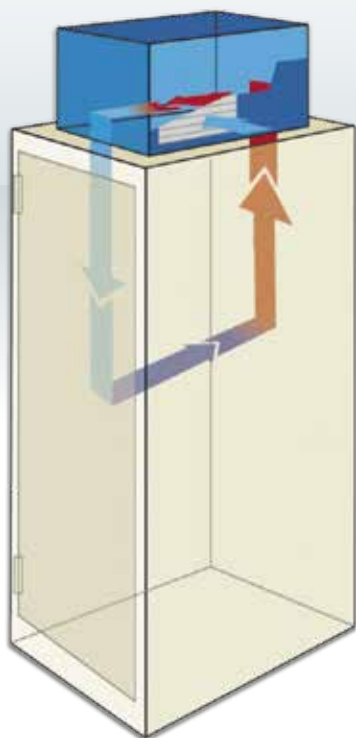
**Recommendation:**

With regard to the demand of a maximum life-time of the unit's equipment, those are the recommended parameters of the inner environment of the cabinet.

**Temperature limits: from +10 till + 40 °C**

**Relative humidity: 30 – 90 %**

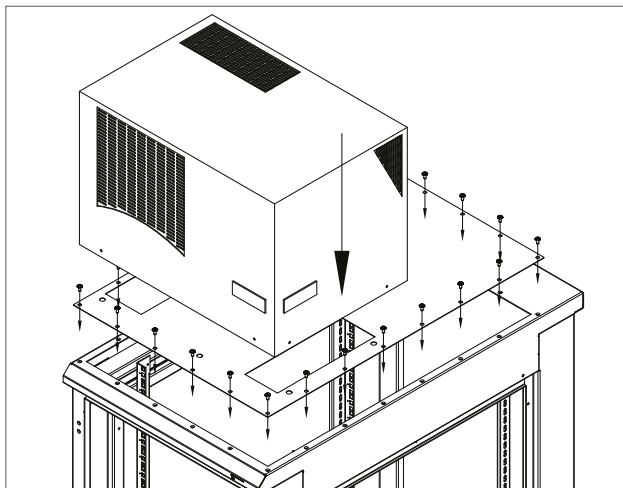
Surface temperature of the inner equipment of the cabinet should not fall below the condensation temperature.



The A/C unit can be installed on cabinets in such a way that it reaches all needs of a cold air demanded by used equipment.

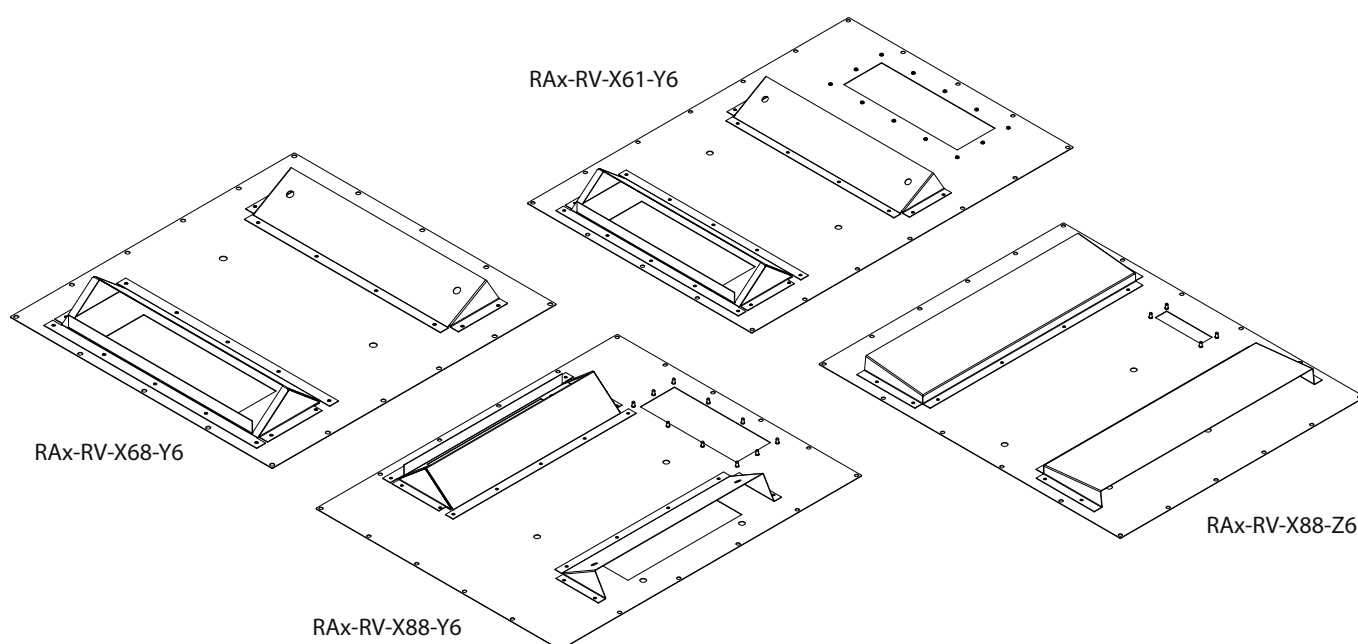
There is an opening located at the top of the RIE, RDE or RPE cabinet, which requires an installation of an adapter. An appropriate adapter can set the right direction of the A/C unit and it also sets the stream of the hot/cold air along the sides or along the front/rear sides of the cabinet.

## Adapter for the A/C units



### ■ A/C installation

In order to utilise the maximum potential of A/C units with cooling air directed properly according to all equipment needs, we supply installation adapters for RIE, RDE and RPE cabinets. This is a metallic panel which is screwed to the large-sized opening at the top of the cabinet where the installation of A/C is required. Adapters are symmetric which means that rotating is simple. All sizes of adapters are shown in the table below. For easy access to the controlling panel it is possible to install it in two positions with simply plugging into the connector (see installation manual).



Adapter for air conditioners types and dimensions

Type	A (mm) cabinet depths	B (mm) cabinet width	A/C unit type	Direction of A/C installation	Assembly set	Cable entry (number of cables) (optional accessories - not included)
RAX-RV-X66-Z6	600	600	Y1, Y2	into the cabinet width	A	SXx-SA-K03-X1 (2 x Ø 5-9 mm; 2 x Ø 7-12 mm)
RAX-RV-X68-Y6	800	600	Y1, Y2	into the cabinet depth	B	does not have a cable input
RAX-RV-X68-Z6	800	600	Y1, Y2	into the cabinet width	A	SXx-SA-K03-X1 (2 x Ø 5-9 mm; 2 x Ø 7-12 mm)
RAX-RV-X61-Y6	1000,1100,1200	600	Y1, Y2	into the cabinet depth	B	RAX-PB-X01-X1 (29 x Ø 7-12 mm; 4 x Ø 7-14 mm; 4 x Ø 11-20 mm; 1 x Ø 16-29 mm)*
RAX-RV-X61-Z6	1000,1100,1200	600	Y1, Y2	into the cabinet width	C	RAX-PB-X01-X1 (29 x Ø 7-12 mm; 4 x Ø 7-14 mm; 4 x Ø 11-20 mm; 1 x Ø 16-29 mm)*
RAX-RV-X61-Y8	1000,1100,1200	600	Y3, Y4	into the cabinet depth	B	does not have a cable input
RAX-RV-X86-Z6	800	800	Y1, Y2	into the cabinet width	B	SXx-SA-K03-X1 (2 x Ø 5-9 mm; 2 x Ø 7-12 mm)
RAX-RV-X88-Y6	800	800	Y1, Y2	into the cabinet depth	B	SXx-SA-K02-X1 (29 x Ø 7-12 mm; 4 x Ø 7-14 mm; 4 x Ø 11-20 mm; 1 x Ø 16-29 mm)
RAX-RV-X88-Z6	800	800	Y1, Y2	into the cabinet width	B	SXx-SA-K03-X1 (2 x Ø 5-9 mm; 2 x Ø 7-12 mm)
RAX-RV-X88-Z8	800	800	Y3, Y4	into the cabinet width	B	SXx-SA-K02-X1 (29 x Ø 7-12 mm; 4 x Ø 7-14 mm; 4 x Ø 11-20 mm; 1 x Ø 16-29 mm)
RAX-RV-X81-Y6	1000,1100,1200	800	Y1, Y2	into the cabinet depth	D	RAX-PB-X01-X1 (29 x Ø 7-12 mm; 4 x Ø 7-14 mm; 4 x Ø 11-20 mm; 1 x Ø 16-29 mm)*
RAX-RV-X81-Z6	1000,1100,1200	800	Y1, Y2	into the cabinet width	D	RAX-PB-X01-X1 (29 x Ø 7-12 mm; 4 x Ø 7-14 mm; 4 x Ø 11-20 mm; 1 x Ø 16-29 mm)*
RAX-RV-X81-Y8	1000,1100,1200	800	Y3, Y4	into the cabinet depth	D	SXx-SA-K02-X1 (29 x Ø 7-12 mm; 4 x Ø 7-14 mm; 4 x Ø 11-20 mm; 1 x Ø 16-29 mm)
RAX-RV-X81-Z8	1000,1100,1200	800	Y3, Y4	into the cabinet width	D	RAX-PB-X01-X1 (29 x Ø 7-12 mm; 4 x Ø 7-14 mm; 4 x Ø 11-20 mm; 1 x Ø 16-29 mm)*

#### Supply:

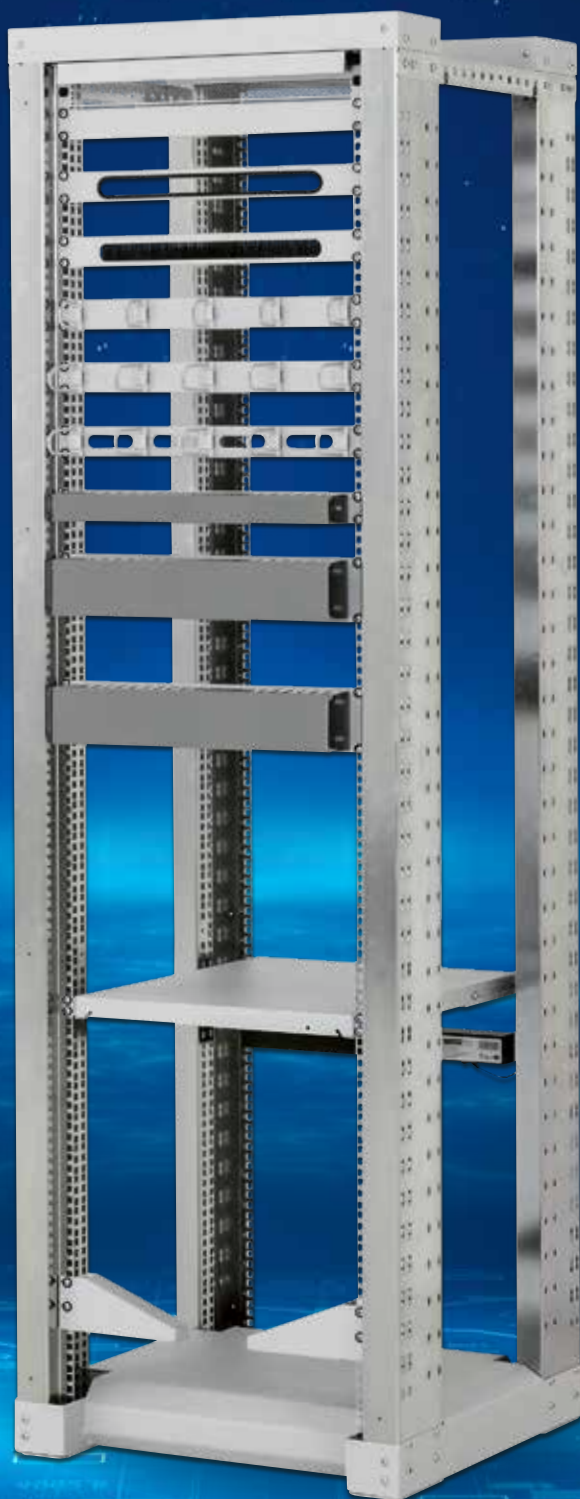
**A:** 12 pcs. screw M5x12 with integrated washer, 6 pcs. screw M5x12 countersunk head, 18 pcs. rubber gasket

**B:** 20 pcs M5x12 screw with integrated washer, 20 pcs rubber gasket

\* (die gleiche Ausführung ist auch mit einem Einlötlötanschluss erhältlich)

**C:** 14 pcs. screw M5x12 with integrated washer, 6 pcs. screw M5x12 countersunk head, 20 pcs. rubber gasket

**D:** 22 pcs M5x12, 22 pcs rubber gasket



# Cable Management

Complex organization system for optical and metal data cables

## Horizontal cable management system



RAB-VP-X11-A1

### ■ RAB-VP-X11-A1, RAC-VP-X11-A1

19" 1U panel with 6x big cable management rings, suitable for lighter load.

#### Supply

Screw M6 x 10 .....	4x
Plastic washer .....	4x
Captive nut M6 .....	4x



RAB-VP-X13-A1

### ■ RAB-VP-X13-A1, RAC-VP-X13-A1

19" 1U panel with 6x small cable management rings, suitable for lighter load.

#### Supply

Screw M6 x 10 .....	4x
Plastic washer .....	4x
Captive nut M6 .....	4x



RAB-VP-X16-A1

### ■ RAB-VP-X16-A1, RAC-VP-X16-A1

19" cable management panel 1U, 6 x big click-in ring, oval holes, suitable for lighter load.

#### Supply

Screw M6 x 10 .....	4x
Plastic washer .....	4x
Captive nut M6 .....	4x



RAB-VP-X21-A1

### ■ RAB-VP-X21-A1, RAC-VP-X21-A1

19" 1U panel with 6x cable management rings 70 x 40 mm, suitable for heavier load.

#### Supply

Screw M6 x 10 .....	4x
Plastic washer .....	4x
Captive nut M6 .....	4x



RAB-VP-X22-A1

### ■ RAB-VP-X22-A1, RAC-VP-X22-A1

19" 2U panel with 6x cable management rings 70 x 85 mm, suitable for heavier load.

#### Supply

Screw M6 x 10 .....	4x
Plastic washer .....	4x
Captive nut M6 .....	4x



RAB-VP-X23-A1

### ■ RAB-VP-X23-A1, RAC-VP-X23-A1

19" cable management panel 1U, 6 x organizer 70 x 38 mm with cable bend protection.

#### Supply

Screw M6 x 10 .....	4x
Plastic washer .....	4x
Captive nut M6 .....	4x



### ■ RAB-VP-X02-A1, RAC-VP-X02-A1

19" 1U panel with cable trunking, one side plastic rail.

#### Supply

Screw M6 x 10 .....	4x
Plastic washer .....	4x
Captive nut M6 .....	4x



### ■ RAB-VP-X03-A1, RAC-VP-X03-A1

19" 1U panel with cable trunking, two-sided plastic rail.

#### Supply

Screw M6 x 10 .....	4x
Plastic washer .....	4x
Captive nut M6 .....	4x



### ■ RAB-VP-X04-A1, RAC-VP-X04-A1

19" 2U panel with cable trunking, one side plastic rail.

#### Supply

Screw M6 x 10 .....	4x
Plastic washer .....	4x
Captive nut M6 .....	4x



### ■ RAB-VP-X05-A1, RAC-VP-X05-A1

19" 2U panel with cable trunking, two-sided plastic rail.

#### Supply

Screw M6 x 10 .....	4x
Plastic washer .....	4x
Captive nut M6 .....	4x



### ■ RAB-VP-X30-A1

19" plastic cable management panel 1U, RAL 9005.

#### Supply

Screw M6 x 10 .....	4x
Plastic washer .....	4x
Captive nut M6 .....	4x



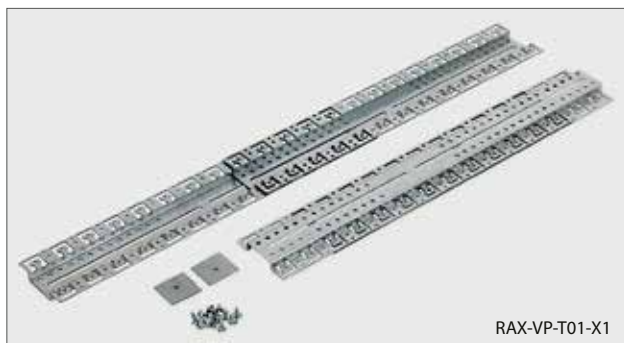
### ■ RAB-VP-X31-A1

19" plastic cable management panel 2U, RAL 9005.

#### Supply

Screw M6 x 10 .....	4x
Plastic washer .....	4x
Captive nut M6 .....	4x





RAX-VP-T01-X1

### ■ RAX-VP-T01-X1

Telescopic cable management bar 600-1100 mm.

#### Supply

Screw M6 x 10 ..... 4x  
 Plastic washer ..... 4x  
 Captive nut M6 ..... 4x



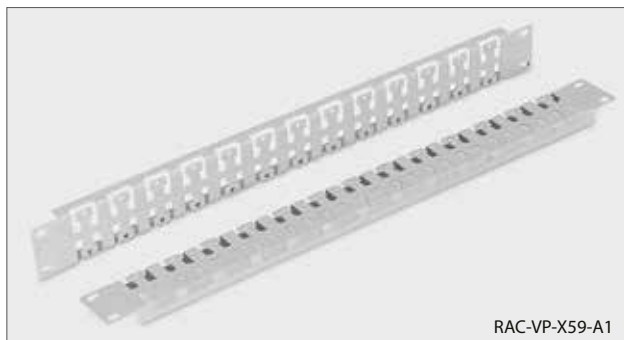
RAX-VP-T02-X1

### ■ RAX-VP-T02-X1

Telescopic cable management bar for 600-900 mm deep cabinets (pair). Can also be used for 19".

### ■ RAX-VP-T03-X1

Telescopic cable management bar for 800-1200 mm deep cabinets (pair)



RAC-VP-X59-A1

### ■ RAB-VP-X59-A1, RAC-VP-X59-A1

19" cable management rail.

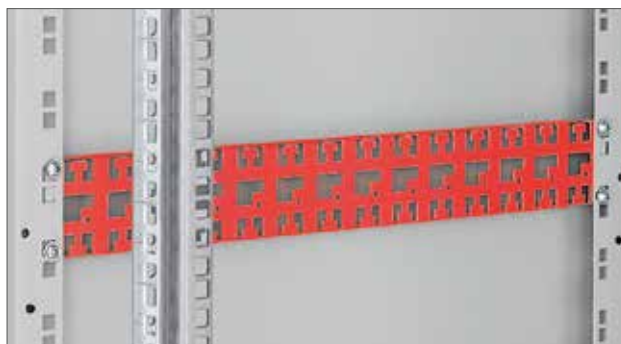


RAX-VP-X71-X1

Type	Cabinet depth (mm)
RAX-VP-X70-X1	600
RAX-VP-X71-X1	800
RAX-VP-X72-X1	900
RAX-VP-X73-X1	1000
RAX-VP-X74-X1	1100
RAX-VP-X75-X1	1200

### ■ RAX-VP-X7x-X1

Cable management bar for 800 mm wide cabinets (pair).



Type	Cabinet depth (mm)
RAX-VP-X50-X1	600
RAX-VP-X51-X1	800
RAX-VP-X52-X1	900
RAX-VP-X53-X1	1000
RAX-VP-X54-X1	1100
RAX-VP-X55-X1	1200

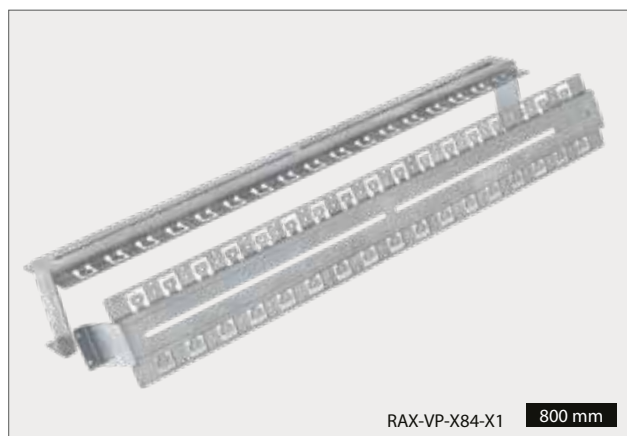
### ■ RAB-VP-X5x-X1, RAC-VP-X5x-X1

Cable management rail for RPA, RIE skeleton.

Type	Cabinet depth (mm)
RAX-VP-D50-X1	600
RAX-VP-D51-X1	800
RAX-VP-D52-X1	900
RAX-VP-D53-X1	1000
RAX-VP-D54-X1	1100
RAX-VP-D55-X1	1200

### ■ RAB-VP-D5x-X1, RAC-VP-D5x-X1

Cable management rail for RMA, RZA, RTA, RYA, RDA, RDE skeleton.



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 / strengthening bars for free standing cabinets RTA, RYA, RMA, RZA (pair).

For enclosures with a load of more than 500 kg, we recommend install a set of cable management / strengthening bars, which also act as reinforcement.



Type	Height (U)
RAX-VP-V32-X2	32
RAX-VP-V37-X2	37
RAX-VP-V42-X2	42
RAX-VP-V45-X2	45
RAX-VP-V47-X2	47

## ■ RAX-VP-Vxx-X2

Vertical cable management rail for RTA, RYA, RDA, RSX and RSX-F cabinets. Suitable for widths 600 mm and 800 mm.

## Separation frame



### ■ Separation frame without openings

Especially for 800 mm wide cabinets is important to direct cooling air efficiently through the door to the installed equipment. The flow between side panels and the vertical rails prevents separation frame. Mounted between the vertical rails and the frame of cabinet secure perfectly this area thanks used brush seal. Frame is moving with vertical, which still can be set in any depth of cabinet, so usage of frame do not restrict the user in selecting equipment. Onto frame is possible to install up to two single row cable managements.

### ■ Separation frame with openings

Version with additional 19" positions increases the cabinet installation capacity by 6 positions 1U or 2U depend model and allows passage of cabling through the separation frame to the back of cabinet. As part of delivery the easy to install blanking panels with plastic locks are provided.

### ■ Delivery and installation

Set of separation frame contains all the necessary components and assembly materials. Individual parts of the frame are mounted on the outside of the vertical rails using thread forming TAPTITE screws.

When selecting air separation frame must be taken into account the cabinet model, height, width and load.

SOLID METAL AIR SEPARATION FRAME					
Cabinet width 600 mm					
Cabinet height (units)	RTA		RYA		RDA
	1200 kg	1500 kg	1200 kg	1500 kg	1800 kg
37	RAC-DT-T37-E6	RAC-DT-T37-X6	RAC-DT-Y37-E6	RAC-DT-Y37-X6	RAC-DT-R37-X6
42	RAC-DT-T42-E6	RAC-DT-T42-X6	RAC-DT-Y42-E6	RAC-DT-Y42-X6	RAC-DT-R42-X6
45	RAC-DT-T45-E6	RAC-DT-T45-X6	RAC-DT-Y45-E6	RAC-DT-Y45-X6	RAC-DT-R45-X6
47	RAC-DT-T47-E6	RAC-DT-T47-X6	RAC-DT-Y47-E6	RAC-DT-Y47-X6	RAC-DT-R47-X6
Cabinet width 800 mm					
Cabinet height (units)	RTA		RYA		RDA
	1200 kg	1500 kg	1200 kg	1500 kg	1800 kg
37	RAC-DT-T37-E8	RAC-DT-T37-X8	RAC-DT-Y37-E8	RAC-DT-Y37-X8	RAC-DT-R37-X8
42	RAC-DT-T42-E8	RAC-DT-T42-X8	RAC-DT-Y42-E8	RAC-DT-Y42-X8	RAC-DT-R42-X8
45	RAC-DT-T45-E8	RAC-DT-T45-X8	RAC-DT-Y45-E8	RAC-DT-Y45-X8	RAC-DT-R45-X8
47	RAC-DT-T47-E8	RAC-DT-T47-X8	RAC-DT-Y47-E8	RAC-DT-Y47-X8	RAC-DT-R47-X8

AIR SEPARATION FRAME WITH 6x 1U 19" INSTALLATION POSITIONS					
Cabinet width 800 mm					
Cabinet height (units)	RTA		RYA		RDA
	1200 kg	1500 kg	1200 kg	1500 kg	1800 kg
37	RAC-DT-T37-C8	RAC-DT-T37-A8	RAC-DT-Y37-C8	RAC-DT-Y37-A8	RAC-DT-R37-A8
42	RAC-DT-T42-C8	RAC-DT-T42-A8	RAC-DT-Y42-C8	RAC-DT-Y42-A8	RAC-DT-R42-A8
45	RAC-DT-T45-C8	RAC-DT-T45-A8	RAC-DT-Y45-C8	RAC-DT-Y45-A8	RAC-DT-R45-A8
47	RAC-DT-T47-C8	RAC-DT-T47-A8	RAC-DT-Y47-C8	RAC-DT-Y47-A8	RAC-DT-R47-A8

AIR SEPARATION FRAME WITH 6x 2U 19" INSTALLATION POSITIONS					
Cabinet width 800 mm					
Cabinet height (units)	RTA		RYA		RDA
	1200 kg	1500 kg	1200 kg	1500 kg	1800 kg
37	RAC-DT-T37-G8	RAC-DT-T37-D8	RAC-DT-Y37-G8	RAC-DT-Y37-D8	RAC-DT-R37-D8
42	RAC-DT-T42-G8	RAC-DT-T42-D8	RAC-DT-Y42-G8	RAC-DT-Y42-D8	RAC-DT-R42-D8
45	RAC-DT-T45-G8	RAC-DT-T45-D8	RAC-DT-Y45-G8	RAC-DT-Y45-D8	RAC-DT-R45-D8
47	RAC-DT-T47-G8	RAC-DT-T47-D8	RAC-DT-Y47-G8	RAC-DT-Y47-D8	RAC-DT-R47-D8

## Vertical cable management system

■ For vertical cable management and storage the panels with 75 mm high plastic pins are used. They are mounted on the side of the installation vertical rails and together with them they are infinitely adjustable to the depth of the cabinet. They are available with one or two rows of plastic pins. The double-row panel can be covered with a hinged / removable cover.



RAB-VP-010-X1

Swing / removable cover	Height (U)
RAB-VP-O10-X1	10
RAB-VP-O15-X1	15
RAB-VP-O18-X1	18
RAB-VP-O22-X1	22
RAB-VP-O27-X1	27
RAB-VP-O32-X1	32
RAB-VP-O37-X1	37
RAB-VP-O42-X1	42
RAB-VP-O45-X1	45
RAB-VP-O47-X1	47

### ■ RAB-VP-Oxx-X1

Swing, removable cover for cable management vertical panel.



RAB-VP-010-X1



### ■ RAB-VP-H10-X1

Cable management vertical panel 10U - comb, for cabinets 800 mm width, RAL9005.



RAB-VP-H42-Y1

Single row	For height (U)
RAB-VP-H10-Y1	10
RAB-VP-H15-Y1	15
RAB-VP-H18-Y1	18
RAB-VP-H22-Y1	22
RAB-VP-H27-Y1	27
RAB-VP-H32-Y1	32
RAB-VP-H37-Y1	37
RAB-VP-H42-Y1	42
RAB-VP-H45-Y1	45
RAB-VP-H47-Y1	47

### ■ RAB-VP-Hxx-Y1

Cable management vertical panel – single row, RAL9005.



RAB-VP-H42-X1

Double row	For height (U)
RAB-VP-H10-X1	10
RAB-VP-H15-X1	15
RAB-VP-H18-X1	18
RAB-VP-H22-X1	22
RAB-VP-H27-X1	27
RAB-VP-H32-X1	32
RAB-VP-H37-X1	37
RAB-VP-H42-X1	42
RAB-VP-H45-X1	45
RAB-VP-H47-X1	47

### ■ RAB-VP-Hxx-X1

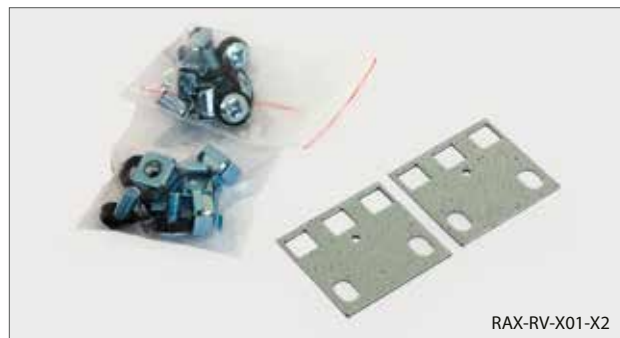
Cable management vertical panel – double row, RAL9005.



RAX-DR-X01-X1

### ■ RAX-DR-X01-X1

Rear holder of shelves for RBA wall mounted cabinets (pair).



RAX-RV-X01-X2

### ■ RAX-RV-X01-X2

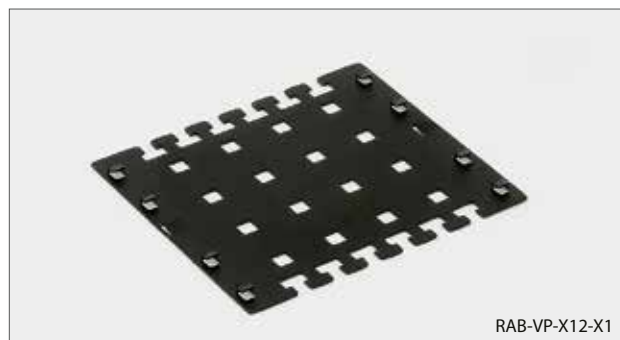
Adapter 23"/21" and 21"/19" universal for 1U (pair).



RAX-DR-X02-X1

### ■ RAX-DR-X02-X1

Shelf holders for middle vertical rail of free-standing cabinets deeper than 800 mm (pair).



RAB-VP-X12-X1

### ■ RAB-VP-X12-X1, RAC-VP-X12-X1

Special cable management panel is intended for installation on cabinet's vertical rails and on vertical perforation in the rear section of wall-mounted cabinets.

The easy fixing system consists in hanging on the vertical rail. A contra directional pin prevents an undesirable release.

**Width 170 mm, height 150 mm.**



RAX-DR-X03-X1

### ■ RAX-DR-X03-X1

Holder for middle rail (pair), allows installation of standard 19" equipment.

#### Supply

Screw M6 x 10 .....	4x
Plastic washer .....	4x
Captive nut M6 .....	4x



RAB-MS-X21-X1, RAB-MS-X23-X1

### ■ RAB-MS-X21-X1, RAC-MS-X21-X1, RAB-MS-X23-X1, RAC-MS-X23-X1

Plastic cable management ring big / small for cable management 60 x 30 mm / 35 x 30 mm.



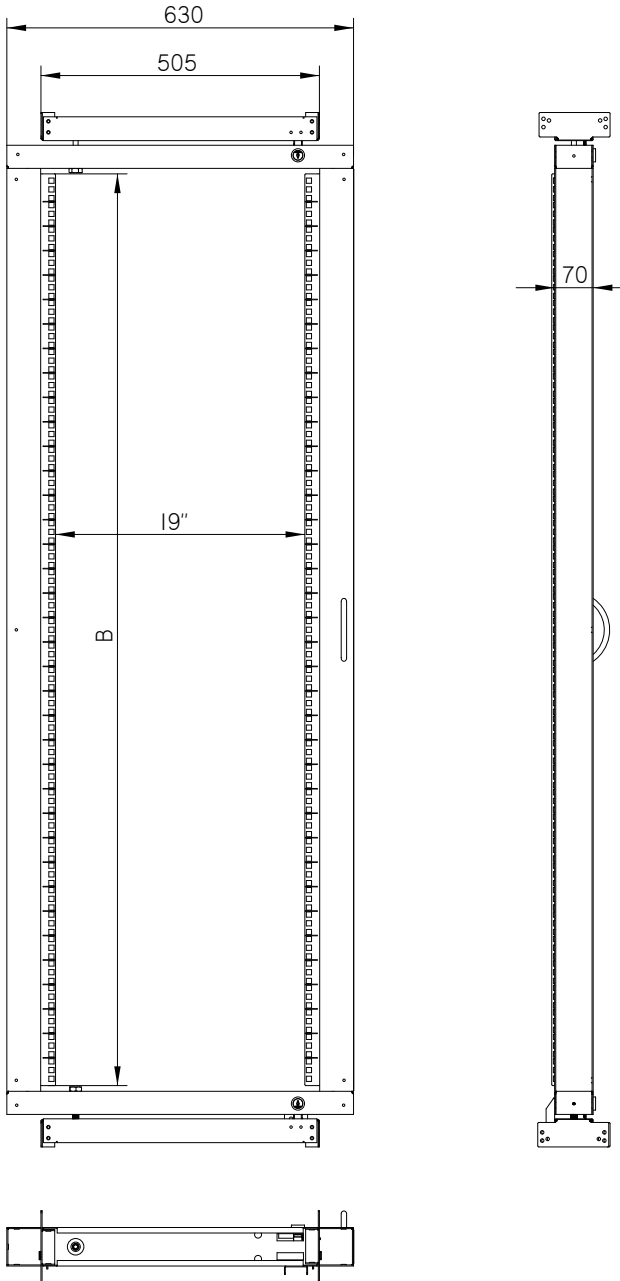
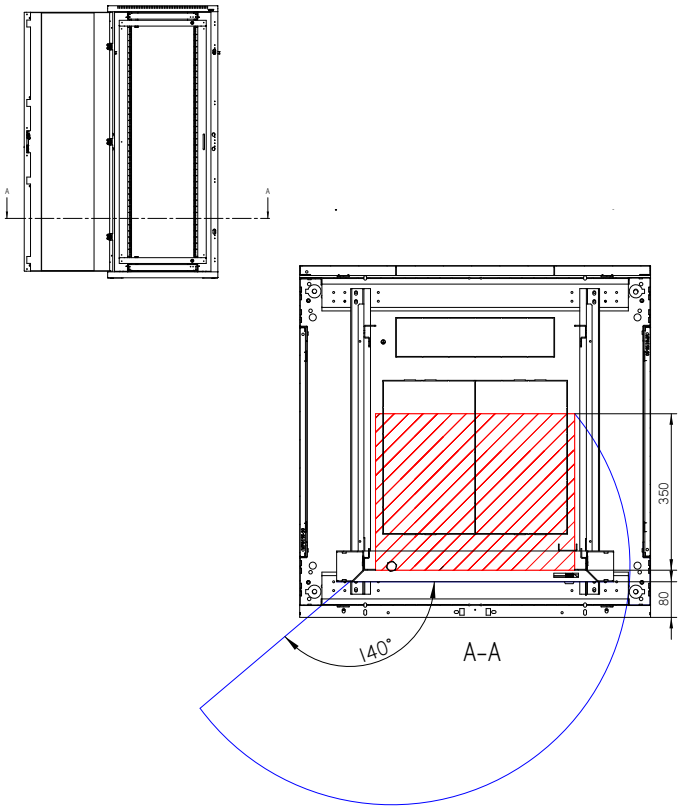
# Swing frame

■ All 800 mm wide Tritón cabinets can be equipped with a swing frame for mounting devices, that require access from the rear. The swing frame reduces the usable height of the cabinet by 5U and can carry up to 150 kg. The frame is locked with two locks in the closed position. The distance of the swing frame from the cabinet

door can be infinitely adjusted. The position of the frame inside the cabinet affects the maximum usable depth of the mounted devices. When mounted in optimal position it can be used with 19" device maximally 330 mm deep. The swing frame can be installed 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



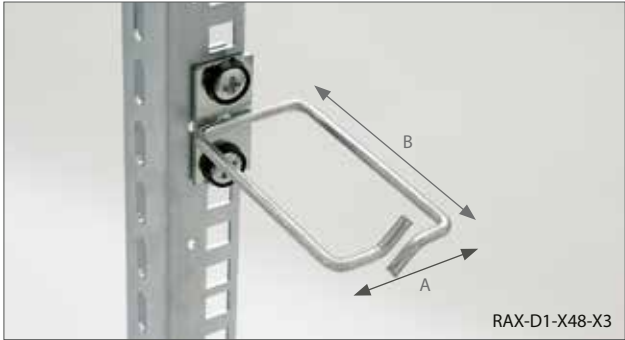
# Cable management rings



## ■ RAX-D1-Xxx-X3

Steel cable management rings.

- Supply**
- Screw M6 x 10 ..... 2x
  - Plastic washer ..... 2x
  - Captive nut M6 ..... 2x



Type D1	A (mm)	B (mm)
RAX-D1-X44-X3	40	40
RAX-D1-X48-X3	40	80
RAX-D1-X88-X3	80	80



## ■ RAX-D2-Xxx-X3

Steel cable management rings.

- Supply**
- Screw M6 x 10 ..... 2x
  - Plastic washer ..... 2x
  - Captive nut M6 ..... 2x



Type D2	A (mm)	B (mm)
RAX-D2-X44-X3	40	40
RAX-D2-X48-X3	40	80
RAX-D2-X88-X3	80	80



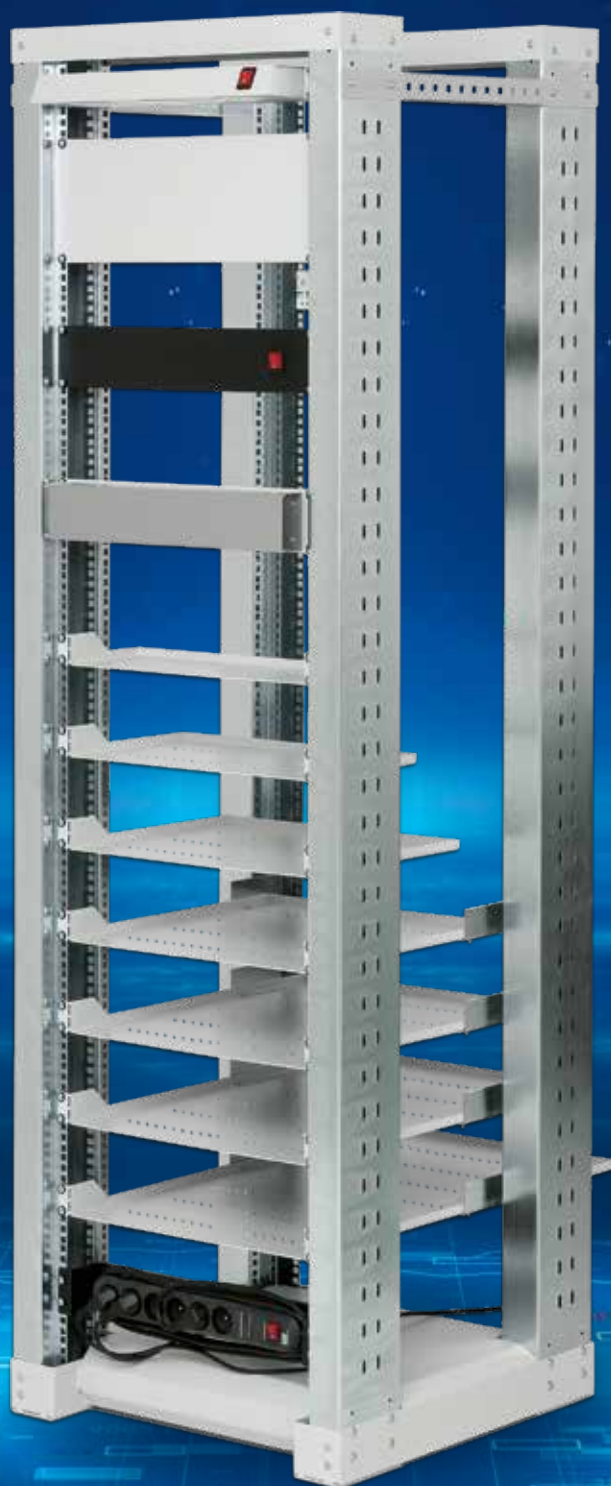
## ■ RAX-D3-Xxx-X3

Steel cable management rings.

- Supply**
- Screw M6 x 10 ..... 2x
  - Plastic washer ..... 2x
  - Captive nut M6 ..... 2x



Type D3	A (mm)	B (mm)
RAX-D3-X44-X3	40	40
RAX-D3-X48-X3	40	80
RAX-D3-X88-X3	80	80



## Other Accessories

## Fibre optic



RAB-FO-X67-A1

### ■ RAB-FO-X67-A1, RAC-FO-X67-A1

19" sliding FO panel 1U 24x SC-D  
(adapters are not included in the supply).



RAB-FO-X68-A1

### ■ RAB-FO-X68-A1, RAC-FO-X68-A1

19" sliding FO panel 1U 16x LC-D - square  
(adapters are not included in the supply).



RAB-FO-X69-A1

### ■ RAB-FO-X69-A1, RAC-FO-X69-A1

19" sliding FO panel 1U 12x SC-D  
(adapters are not included in the supply).





RAB-FO-X74-A1

### ■ RAB-FO-X74-A1, RAC-FO-X74-A1

19" sliding FO panel 1U 24x SC  
(adapters are not included in the supply).



RAB-FO-X75-A1

### ■ RAB-FO-X75-A1, RAC-FO-X75-A1

19" sliding FO panel 1U 24x ST  
(adapters are not included in the supply).



RAB-FO-X76-A1

### ■ RAB-FO-X76-A1, RAC-FO-X76-A1

19" sliding FO panel 1U 24x LC Quad  
(adapters are not included in the supply).



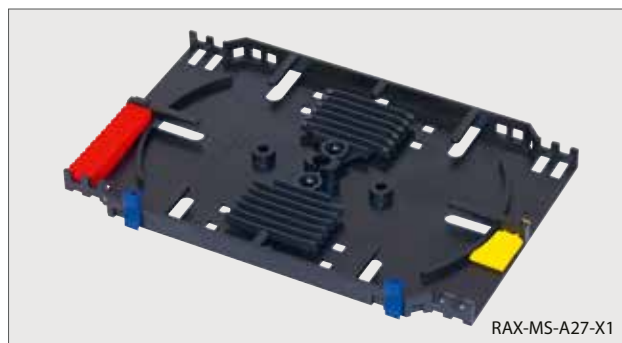




RAB-FO-X77-A1

### ■ RAB-FO-X77-A1, RAC-FO-X77-A1

19" sliding FO panel 1U 24x LC-D  
(adapters are not included in the supply).



RAX-MS-A27-X1

### ■ RAX-MS-A27-X1

Splice cassette for up to 12 heat-shrink include hinges and fibre holder.

Supply contains splice holders (2x 6 heat-shrink), fibre holder with installation tool and 2 hinges for cassette stacking.



RAB-FO-X78-A1

### ■ RAB-FO-X78-A1, RAC-FO-X78-A1

19" sliding FO panel 1U 12x LC Quad  
(adapters are not included in the supply).



RAX-MS-A26-X1

### ■ RAX-MS-A26-X1

Splice cassette RAX-MS-A27-X1 top cover.



RAB-PP-X10-A1

### ■ RAB-PP-X10-A1, RAC-PP-X10-A1

19" modular patch panel for max. 24 Keystone modules.

#### Supply

Screw M6 x 10 .....	4x
Plastic washer .....	4x
Captive nut M6 .....	4x



RAB-FO-A07-X1

### ■ RAB-FO-A07-X1, RAC-FO-A07-X1

Wall-mounted fibre optic box 24 x ST, 24 x SC single, 16 x SC duplex.

#### Supply

Screw 4 x 30 .....	4x
Washer 4,2 .....	4x
Wall plug 8 .....	4x



RAB-UP-X40-A1

RAX-UP-X40-A1	450	30	450	630

## ■ RAB-UP-X40-A1, RAC-UP-X40-A1

19" sliding / rotary shelf for keyboard and mouse.

### Supply

Screw M6 x 10 .....	8x
Plastic washer .....	8x
Captive nut M6 .....	8x



RAC-UP-X31-A1



## ■ RAB-UP-Xxx-A1, RAC-UP-Xxx-A1

19" sliding shelf - height 45 mm.

RAX-UP-X30-A1	350	30	350	500
RAX-UP-X31-A1	450	30	450	630
RAX-UP-X20-A1	550	45	530	690
RAX-UP-X19-A1	650	45	630	770

### Supply

Screw M6 x 10 .....	8x
Plastic washer .....	8x
Captive nut M6 .....	8x



RAC-UP-X29-A1

RAX-UP-X29-A1	380	30	380	625

## ■ RAB-UP-X29-A1, RAC-UP-X29-A1

19" Sliding lockable shelf 2U for keyboard and mouse.

### Supply

Screw M6 x 10 .....	8x
Plastic washer .....	8x
Captive nut M6 .....	8x



RAB-UP-X09-A1

## ■ RAB-UP-X09-A1, RAC-UP-X09-A1

19" Drop-down shelf for keyboard, maximum loading capacity 15 kg.

### Supply

Screw M6 x 10 .....	4x
Plastic washer .....	4x
Captive nut M6 .....	4x



RAB-UP-550-A1

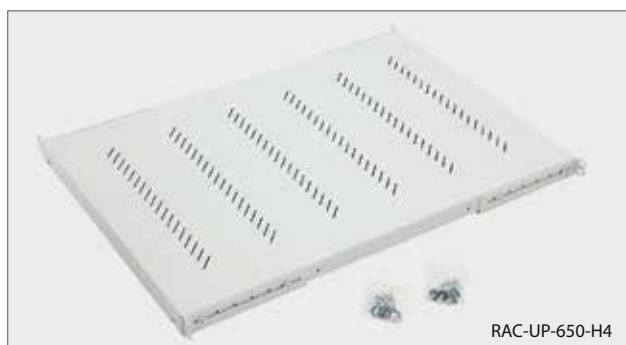
Type	Depth (mm)	Max. loading capacity (kg)	Between verticals	
			min. (mm)	max. (mm)
RAx-UP-150-A1	150	15	–	–
RAx-UP-250-A1	250	20	–	–
RAx-UP-350-A1	350	40	309	417
RAx-UP-450-A1	450	40	409	517
RAx-UP-550-A1	550	40	509	617
RAx-UP-650-A1	650	40	455	717
RAx-UP-750-A1	750	40	495	817
RAx-UP-850-A1	850	40	535	917
RAx-UP-950-A1	950	40	575	1017

### ■ RAB-UP-x50-A1, RAC-UP-x50-A1

Shelf with perforation 1U.

#### Supply

Screw M6 x 10 (dimensions 150 and 250 mm – 4x) ..... 8x  
 Plastic washer (dimensions 150 and 250 mm – 4x) ..... 8x  
 Captive nut M6 (dimensions 150 and 250 mm – 4x) ..... 8x  
 Screw M5 x 12 Thorx (dimensions only 350 mm and larger) .. 4x  
 Back holder (dimensions only 350 mm and larger) ..... 2x



RAC-UP-650-H4

Type	Depth (mm)	Max. loading capacity (kg)	Between verticals	
			min. (mm)	max. (mm)
RAx-UP-450-H4	450	150	370	550
RAx-UP-550-H4	550	150	390	650
RAx-UP-650-H4	650	150	395	750
RAx-UP-750-H4	750	150	495	850
RAx-UP-850-H4	850	150	495	950
RAx-UP-950-H4	950	150	495	1050

### ■ RAB-UP-x50-H4, RAC-UP-x50-H4

19" Heavy duty shelf.

#### Supply

Screw M6 x 10 ..... 8x  
 Plastic washer ..... 8x  
 Captive nut M6 ..... 8x  
 Screw M5 x 12 Thorx ..... 8x



RAC-UP-450-A4

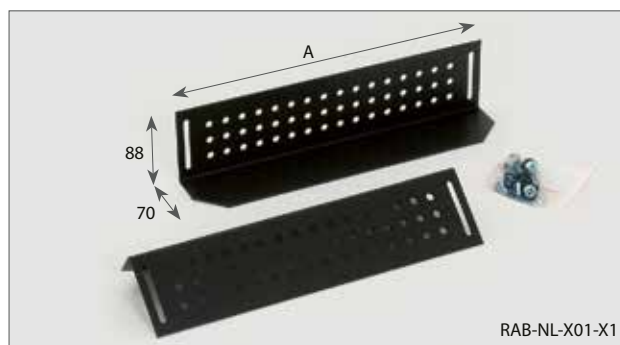
Type	Depth (mm)	Max. loading capacity (kg)	Between verticals	
			min. (mm)	max. (mm)
RAx-UP-150-A4	150	15	–	–
RAx-UP-250-A4	250	20	–	–
RAx-UP-350-A4	350	50	250	450
RAx-UP-450-A4	450	80	370	550
RAx-UP-550-A4	550	80	370	650
RAx-UP-650-A4	650	80	370	750
RAx-UP-750-A4	750	80	495	850
RAx-UP-850-A4	850	80	495	950
RAx-UP-950-A4	950	80	495	1050

### ■ RAB-UP-x50-A4, RAC-UP-x50-A4

19" Shelf with perforation 1U. Patent: PUV 2012-25430.

#### Supply

Screw M6 x 10 (dimensions 150 and 250 mm – 4x) ..... 8x  
 Plastic washer (dimensions 150 and 250 mm – 4x) ..... 8x  
 Captive nut M6 (dimensions 150 and 250 mm – 4x) ..... 8x  
 Screw M5 x 12 Thorx (dimensions 150 and 250 mm – 4x) ..... 8x  
 Back holder (dimensions 150 and 250 mm – 2x) ..... 4x



RAB-NL-X01-X1

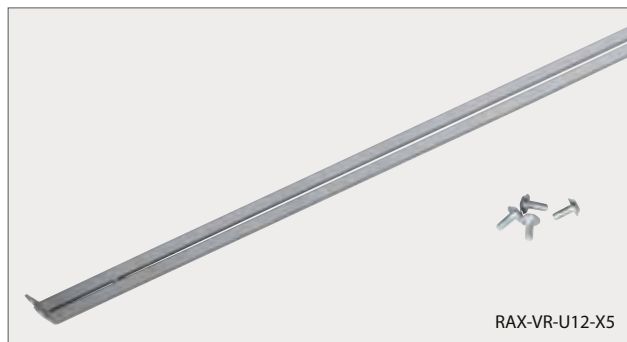
Type	A (mm)	Cabinet depth (mm)
RAx-NL-X01-X1	380	600
RAx-NL-X05-X1	480	700
RAx-NL-X02-X1	580	800
RAx-NL-X03-X1	680	900
RAx-NL-X04-X1	780	1000
RAx-NL-X07-X1	880	1100
RAx-NL-X06-X1	980	1200

### ■ RAB-NL-X0x-X1, RAC-NL-X0x-X1

Pair of mounting angles (pair). Max. load 100 kg.

#### Supply

Screw M6 x 10 ..... 4x  
 Plastic washer ..... 4x  
 Captive nut M6 ..... 4x

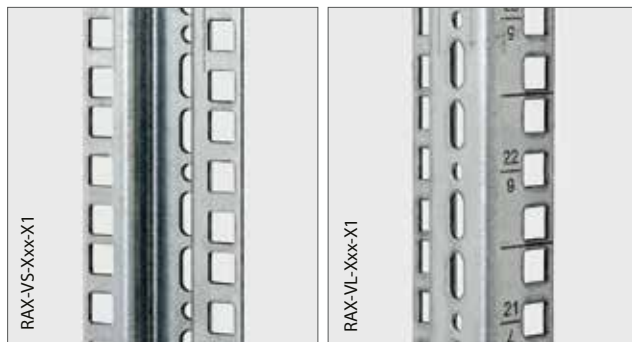


### ■ RAX-VR-Uxx-Xx

Reinforcement kit for RUA wall mount cabinet (pair).

Typ	Cabinet height in units	Depth (mm)
RAX-VR-U09-X4	9	400
RAX-VR-U09-X5	9	500
RAX-VR-U09-X6	9	600
RAX-VR-U12-X4	12	400
RAX-VR-U12-X5	12	500
RAX-VR-U12-X6	12	600
RAX-VR-U15-X4	15	400
RAX-VR-U15-X5	15	500
RAX-VR-U15-X6	15	600
RAX-VR-U18-X4	18	400
RAX-VR-U18-X5	18	500
RAX-VR-U18-X6	18	600

## Vertical rails



Type RAX-VL	Type RAX-VS	Height (U)	Height (mm)
RAX-VL-X04-X1		4	189,80
RAX-VL-X06-X1		6	278,70
RAX-VL-X09-X1		9	412,05
RAX-VL-X12-X1		12	545,40
RAX-VL-X15-X1	RAX-VS-X15-X1	15	678,75
RAX-VL-X18-X1	RAX-VS-X18-X1	18	812,10
RAX-VL-X22-X1	RAX-VS-X22-X1	22	989,90
RAX-VL-X27-X1	RAX-VS-X27-X1	27	1212,15
RAX-VL-X32-X1	RAX-VS-X32-X1	32	1434,40
RAX-VL-X37-X1	RAX-VS-X37-X1	37	1656,65
RAX-VL-X42-X1	RAX-VS-X42-X1	42	1878,90
RAX-VL-X45-X1	RAX-VS-X45-X1	45	2012,25
RAX-VL-X47-X1	RAX-VS-X47-X1	47	2101,15

### ■ RAX-VS-Xxx-X1

Central vertical rail.

### ■ RAX-VL-Xxx-X1

Vertical rail. Unit marking is made by laser marker.

Supply included:

since the height of the rail 22U included

Screw M5 x 12 ..... 2 Pcs

Special nut M5 ..... 2 Pcs

since the height of the rail 23U included

Screw M5 x 12 ..... 3 Pcs

Special nut M5 ..... 3 Pcs



Type	Height (U)	Height (mm)
RAX-VL-D37-X1	37	1656,65
RAX-VL-D42-X1	42	1878,90
RAX-VL-D45-X1	45	2012,25
RAX-VL-D47-X1	47	2101,15

### ■ RAX-VL-Dxx-X1

Reinforced vertical rail for RDA, RDE cabinets. Unit marking is made by laser.



Type	Cabinet height in units	Weight gross (kg)	Weight net (kg)
RAX-VR-T37-X2	37U	5,13	5,03
RAX-VR-T42-X2	42U	5,90	5,80
RAX-VR-T45-X2	45U	6,34	6,24
RAX-VR-T47-X2	47U	6,63	6,53

### ■ RAX-VR-Txx-X2

Additional profile for cabinets RTA and RYA (RYA just 800 mm wide), that increase vertical rails stability (4 pcs). It increase cabinet max. load to 1500 kg.

## Bases, filters



RAC-PO-X88-XD

### ■ 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-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

**TIP:** The base is prepared for installation of stabilisers, which are highly recommended to use on cabinets with sliding servers.



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

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



# Castors, feet, stabilizers



## ■ 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-MS-X47-X1

Direct mounting castors set.

**Max. recommended load capacity\*:**

- 500 kg for type RDA, RDE, RIE, RTA, RYA, 600 mm wide,
- 600 kg for type RDA, RDE, RIE, RTA, RYA, 800 mm wide,
- 900 kg for type RSX (XD), RSX-F.

The height of the cabinet is increased by 155 mm.

**Set**

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



## ■ RAX-MS-X64-X1

Set of adjustable feet for free-standing cabinets with possibility of installation from the inner side of the cabinet. After rectification, it is necessary to ensure the position by the nut. The cabinet is raised in the range of 24-35 mm depending on the setting of the feet.

The maximum load capacity of the set is 1600 kg.



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



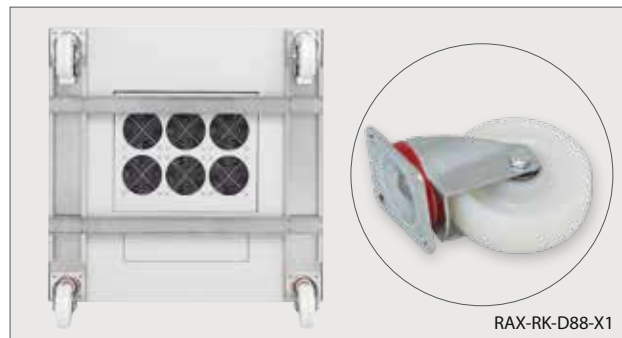
RAX-MS-X27-X1

### ■ RAX-MS-X27-X1

Joining kit for free standing cabinets - with white sealing tape and 4x nuts with integrated fan washer + M5 screw.

### ■ RAX-MS-X28-X1

Joining kit for free standing cabinets - without sealing tape. 4x nuts with integrated fan washer + M5 screw.



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



RAX-MS-X27-Y1

### ■ RAX-MS-X27-Y1

Joining kit for free standing cabinets - with sealing tape and 4x nuts with integrated fan washer + M5 screw.



RAX-RK-T88-X1

Cabinet depth (mm)	Cabinet width (mm)	
	600	800
600	RAX-RK-T66-X1	RAX-RK-T86-X1
800	RAX-RK-T68-X1	RAX-RK-T88-X1
900	RAX-RK-T69-X1	RAX-RK-T89-X1
1000	RAX-RK-T61-X1	RAX-RK-T81-X1
1100	RAX-RK-T60-X1	RAX-RK-T80-X1
1200	RAX-RK-T62-X1	RAX-RK-T82-X1

## ■ RAX-RK-Txx-X1

Castors with reinforcing frame.

Castors with reinforcing frame for RTA, RYA, RDA, RDE type enclosures. Must be ordered according to the floor plan of the cabinet.

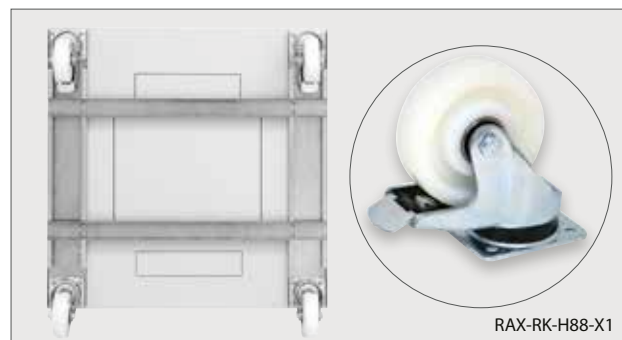
**Max. recommended load capacity\*:**

- 1500 kg for type RTA, RYA, RDA, RDE.

The height of the cabinet is increased by 143 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-H88-X1

Cabinet depth (mm)	Cabinet width (mm)	
	600	800
600	RAX-RK-H66-X1	RAX-RK-H86-X1
800	RAX-RK-H68-X1	RAX-RK-H88-X1
900	RAX-RK-H69-X1	RAX-RK-H89-X1
1000	RAX-RK-H61-X1	RAX-RK-H81-X1
1100	RAX-RK-H60-X1	RAX-RK-H80-X1
1200	RAX-RK-H62-X1	RAX-RK-H82-X1

## ■ RAX-RK-Hxx-X1

Castors with reinforcing frame.

Castors with reinforcing frame for RTA, RYA, RDA, RDE type enclosures. Must be ordered according to the floor plan of the cabinet.

**Max. recommended load capacity:**

- 1600 kg for type RTA, RYA,

- 1900 kg for type RDA, RDE.

The height of the cabinet is increased by 168 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



**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 rails
- when travelling with a loaded distributor, 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.

## Blanking panels, cable entry panels



RAX-PB-X01-X1

### ■ RAX-PB-X01-X1

Cable entry for RIE, RDE, RPE.

#### Supply

Screw M5 x 12 ..... 12x  
 Rubber seal ..... 12x  
 Seal ..... 0,9 m



RAB-ZP-P41-A1

### ■ RAB-ZP-P41-A1, RAC-ZP-P41-A1

19" blanking panel 1U oval perforation 36 x 6 mm.

#### Supply

Screw M6 x 10 ..... 4x  
 Plastic washer ..... 4x  
 Captive nut M6 ..... 4x



RAB-ZP-X03-A1

### ■ RAB-ZP-X03-A1, RAC-ZP-X03-A1

19" 1U Cable entry panel.

#### Supply

Screw M6 x 10 ..... 4x  
 Plastic washer ..... 4x  
 Captive nut M6 ..... 4x



RAB-ZP-X03-A2

### ■ RAB-ZP-X03-A2, RAC-ZP-X03-A2

19" 1U Cable entry panel with brush strip.

#### Supply

Screw M6 x 10 ..... 4x  
 Plastic washer ..... 4x  
 Captive nut M6 ..... 4x



RAB-ZP-X03-A3

### ■ RAB-ZP-X03-A3, RAC-ZP-X03-A3

19" 1U Cable entry panel divided horizontally, with brush, opening size 350 x 21 mm.

#### Supply

Screw M6 x 10 ..... 4x  
 Plastic washer ..... 4x  
 Captive nut M6 ..... 4x



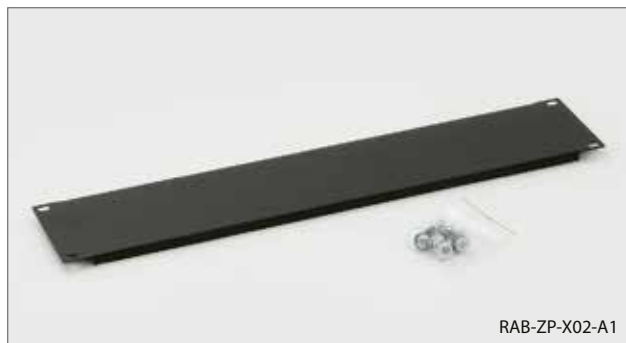
RAB-ZP-X02-A3

### ■ RAB-ZP-X02-A3, RAC-ZP-X02-A3

19" cable entry panel 2U divided horizontally, with brush, opening size 330 x 55 mm.

#### Supply

Screw M6 x 10 ..... 4x  
 Plastic washer ..... 4x  
 Captive nut M6 ..... 4x



RAB-ZP-X02-A1

Type	Height (mm)	Height (U)
RAx-ZP-X01-A1	44	1
RAx-ZP-X02-A1	88	2
RAx-ZP-X04-A1	133	3
RAx-ZP-X05-A1	177	4

### ■ RAB-ZP-X0x-A1, RAC-ZP-X0x-A1

19" Blanking panel.

#### Supply

Screw M6 x 10 .....	4x
Plastic washer .....	4x
Captive nut M6.....	4x



RAC-ZP-X32-A1

Type	Height (U)	Plastic pins
RAx-ZP-Xx1-A1	1	2
RAx-ZP-Xx2-A1	2	4
RAx-ZP-Xx3-A1	3	4
RAx-ZP-Xx4-A1	4	4
RAx-ZP-Xx5-A1	5	4

### ■ RAB-ZP-X3x-A1, RAC-ZP-X3x-A1

19" Blanking panel 1U with plastic pins.

### ■ RAB-ZP-X9x-A1, RAC-ZP-X9x-A1

19" Blanking panel 1U with plastic pins - logo Tritón.

#### Supply

for 1U .....	plastic pins 2x
for 2U and further .....	plastic pins 4x



RAC-ZP-X41-A1

Type	Height (U)	Plastic pins
RAx-ZP-X41-A1	1	2
RAx-ZP-X42-A1	2	4
RAx-ZP-X43-A1	3	4
RAx-ZP-X44-A1	4	4
RAx-ZP-X45-A1	5	4

### ■ RAB-ZP-X4x-A1, RAC-ZP-X4x-A1

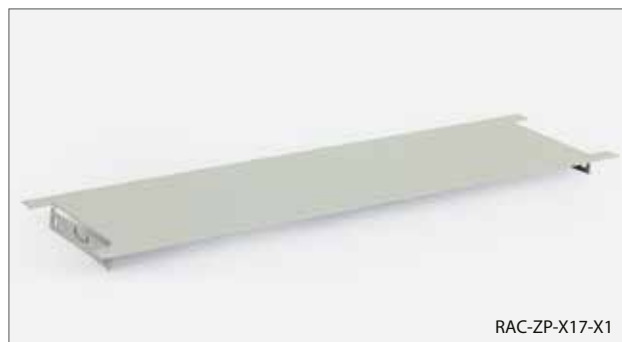
19" perforated blanking panel.



RAC-ZP-X19-X1

### ■ RAX-ZP-X19-X1

Blanking panel for top roof / bottom fan unit opening of the free standing cabinets.



RAX-ZP-X17-X1

### ■ RAX-ZP-X17-X1

Clip-in blanking panel for cable entry 300 x 70 mm.

### ■ RAX-ZP-X18-X1

Clip-in blanking panel for cable entry 360 x 90 mm.

### ■ RAX-ZP-X20-X1

Clip-in blanking panel for cable entry at the bottom of RCA cabinet.





RAB-PB-X10-X1

### ■ RAB-PB-X10-X1, RAC-PB-X10-X1

Cable grommet with plastic foam padding. It is designed to close entry for fan units in Tritón standing cabinets or to be installed directly to the data center's raised floors, after cutting out a mounting hole with sizes 350 x 420 mm.



RAX-MS-X44-X1

### ■ RAX-MS-X44-X1

Plastic pins.



RAX-MS-A01-X1

### ■ RAX-MS-A01-X1

Fringe edge 1 m.



RAX-MS-X16-X1

RAX-MS-X15-X1

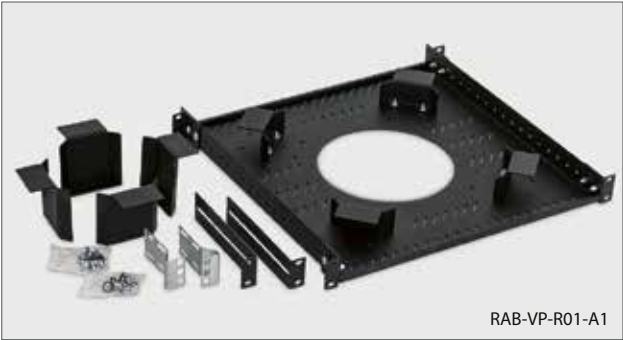
### ■ RAX-MS-X15-X1, RAX-MS-X16-X1

#### RAX-MS-X15-X1

– blanking panel with a brush, 370 x 90 mm.

#### RAX-MS-X16-X1

– blanking panel with a brush, 300 x 70 mm.



**RAB-VP-R01-A1, RAC-VP-R01-A1**

Cable reserve holder is designed to store and protect especially metallic and optic installation cables inside the cabinet. There are two ways of installation of the cable reserve holder into the cabinet:

- vertically (10U) on the 19" vertical rails (usually on the back side of the cabinet)
  - horizontally between the vertical rails as the classic shelf
- Support mandrels, which are mounted around the centre hole, provide bending radius and prevent damage of the stored cables.

**Package contains**

cable reserve mounting plate .....	1x
support mandrel – height 1U .....	4x
support mandrel – height 2U .....	4x
short mounting holder .....	4x



long mounting holder .....	2x
central vertical rail holder for 19" accessories .....	2x
mounting kit (1 set includes 4 pcs of cage nut M6, 4 pcs of screw M6x12) .....	2x

**Other**



**RAX-MX-XXX-X1**

Installation kit.

**RAX-MO-X03-X1**

- Basic packet of components for fixing of device into a cabinet or a frame. It contains a captive nut – 50x, a screw – 50x, plastic washer – 50x.

















**RAX-MO-X09-X1**

- Basic packet of components for fixing of device into a cabinet or a frame. It contains a captive nut – 20x, a screw – 20x, plastic washer – 20x.

**RAX-MS-X19-X1**

- Basic packet of components for fixing of device into a cabinet or a frame. It contains a captive nut – 4x, a screw – 4x, plastic washer – 4x.

## Power distribution 230 V – overview

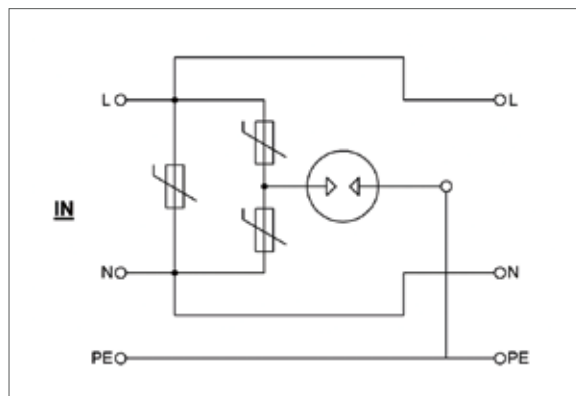
Part no	Height	Width	Depth	Socket				Power input			Switch	Power indicator	Varistor surge protection	Circuit breaker 2 x 16 A	Note
				ČSN 16 A	DE 16 A	IEC320 C13 10 A	IEC320 C19 16 A								
RAB-PD-X01-A1	1U	19"	1U	8 x				2 m 3 x 1,5 mm	CZ-DE Universal						
RAB-PD-X03-A1	1U	19"	1U	8 x				2 m 3 x 1,5 mm	CZ-DE Universal						
RAB-PD-X05-A1	1U	19"	1U	8 x				2 m 3 x 1,5 mm	CZ-DE Universal						
RAB-PD-X07-A1	1U	19"	1U	8 x				2 m 3 x 1,5 mm	CZ-DE Universal						
RAB-PD-X11-A1	1U	19"	1U	7 x				2 m 3 x 1,5 mm	CZ-DE Universal						
RAB-PD-X02-A1	1U	19"	1U		8 x			2 m 3 x 1,5 mm	CZ-DE Universal						
RAB-PD-X04-A1	1U	19"	1U		8 x			2 m 3 x 1,5 mm	CZ-DE Universal						
RAB-PD-X06-A1	1U	19"	1U		8 x			2 m 3 x 1,5 mm	CZ-DE Universal						
RAB-PD-X08-A1	1U	19"	1U		8 x			2 m 3 x 1,5 mm	CZ-DE Universal						
RAB-PD-X12-A1	1U	19"	1U		7 x			2 m 3 x 1,5 mm	CZ-DE Universal						
RAB-PD-X09-A1	1U	19"	1U			14 x		2 m 3 x 1,5 mm	IEC320 C14						
RAB-PD-X10-A1	1U	19"	1U			14 x			IEC320 C14						Plug IEC320 C14 is on the PDU, w/o cable
RAB-PD-X51-X1	1274 mm	1U	1U	24x				2 m 3 x 2,5 mm	IEC 60309 16A						
RAB-PD-X52-X1	1281 mm	1U	1U			20 x	4 x	3 m 3 x 6,0 mm	IEC 60309 32A						Each circuit breaker protects one group covering 10 x IEC320 C13 + 4 x IEC320 C19
RAB-PD-X53-X1	1281 mm	1U	1U			20 x	4 x	3 m 3 x 6,0 mm	IEC 60309 32A						Each circuit breaker protects one group covering 10 x IEC320 C13 / anti-fall model/ + 4 x IEC320 C19
RAB-PD-X90-C1	1U	10"	1U	4 x				2 m 3 x 1,5 mm	CZ-DE Universal						
RAB-PD-X91-C1	1U	10"	1U		4 x			2 m 3 x 1,5 mm	CZ-DE Universal						

## Surge protection – Varistor protection against pulse overvoltage

Classification in compliance with norms: ČSN EN 61643-1 type 3  
IEC 61643-1 class III  
VDE 0675-6 class D

Surge protection protects the connected devices against pulse overvoltage using varistors, which resistance falls with increasing voltage.

Rating voltage	250 V AC 50/60 Hz
Maximum persist working voltage	300 V AC
Standard discharge current (8/20µs)	5 kA
Nominal discharge current (8/20 µs)	10 kA
Residual voltage (8/20 µs)	< 1000 V
Response time	< 25 ns
Maximum working current	16 A





## ■ RAB-PD-X01-A1

19" distribution panel 1U, 8 sockets ČSN standard, max. 16 A, cable 3 x 1.5 mm x 2 m long, DIN49441 16 A plug, RAL 9005.

### Supply

Screw M6 x 16 with washer ..... 2x  
Captive nut M6 ..... 2x



## ■ RAB-PD-X02-A1

19" distribution panel 1U, 8 sockets DIN standard, max. 16 A, cable 3 x 1.5 mm x 2 m long, DIN49441 16 A plug, RAL 9005.

### Supply

Screw M6 x 16 with washer ..... 2x  
Captive nut M6 ..... 2x



## ■ RAB-PD-X03-A1

19" distribution panel 1U, 8 sockets ČSN standard, max. 16 A, cable 3 x 1.5 mm x 2 m long, DIN49441 16 A plug, lighted master switch with plastic cover, RAL 9005.

### Supply

Screw M6 x 16 with washer ..... 2x  
Captive nut M6 ..... 2x



## ■ RAB-PD-X04-A1

19" distribution panel 1U, 8 sockets DIN standard, max. 16 A, cable 3 x 1.5 mm x 2 m long, DIN49441 16 A plug, lighted master switch with plastic cover, RAL 9005.

### Supply

Screw M6 x 16 with washer ..... 2x  
Captive nut M6 ..... 2x



## ■ RAB-PD-X05-A1

19" distribution panel 1U, 8 sockets ČSN standard, max. 16 A, cable 3 x 1.5 mm x 2 m long, DIN49441 16 A plug, power indicator, RAL 9005.

### Supply

Screw M6 x 16 with washer ..... 2x  
Captive nut M6 ..... 2x



## ■ RAB-PD-X06-A1

19" distribution panel 1U, 8 sockets DIN standard, max. 16 A, cable 3 x 1.5 mm x 2 m long, DIN49441 16 A plug, power indicator, RAL 9005.

### Supply

Screw M6 x 16 with washer ..... 2x  
Captive nut M6 ..... 2x



RAB-PD-X07-A1

### ■ RAB-PD-X07-A1

19" distribution panel 1U, 8 sockets ČSN standard, max. 16 A, cable 3 x 1.5 mm x 2 m long, DIN49441 16 A plug, Varistor surge protection, RAL 9005.

#### Supply

Screw M6 x 16 with washer ..... 2x  
Captive nut M6 ..... 2x



RAB-PD-X08-A1

### ■ RAB-PD-X08-A1

19" distribution panel 1U, 8 sockets DIN standard, max. 16 A, cable 3 x 1.5 mm x 2 m long, DIN49441 16 A plug, Varistor surge protection, RAL 9005.

#### Supply

Screw M6 x 16 with washer ..... 2x  
Captive nut M6 ..... 2x



RAB-PD-X09-A1

### ■ RAB-PD-X09-A1

19" distribution panel 1U, 14 sockets IEC320, max. 10 A, cable 3 x 1.5 mm x 2 m long, IEC320 C14 10 A plug, power indicator, RAL 9005.

#### Supply

Screw M6 x 16 with washer ..... 2x  
Captive nut M6 ..... 2x



RAB-PD-X10-A1

### ■ RAB-PD-X10-A1

19" distribution panel 1U, 14 sockets IEC320, max. 10 A, w/o cable, IEC320 C14 input, RAL 9005.

#### Supply

Screw M6 x 16 with washer ..... 2x  
Captive nut M6 ..... 2x



RAB-PD-X11-A1

### ■ RAB-PD-X11-A1

19" distribution panel 1U, 7 sockets ČSN standard, max. 16 A switch, surge protection, cable 3 x 1.5 mm x 2 m, DIN49441 16A plug, FLEX, lighted master switch with plastic cover, RAL 9005.

#### Supply

Screw M6 x 16 with washer ..... 2x  
Captive nut M6 ..... 2x



RAB-PD-X12-A1

### ■ RAB-PD-X12-A1

19" distribution panel 1U, 7 sockets DIN standard, max. 16 A switch, surge protection, cable 3 x 1.5 mm x 2 m, DIN49441 16 A plug, FLEX, lighted master switch with plastic cover, RAL 9005.

#### Supply

Screw M6 x 16 with washer ..... 2x  
Captive nut M6 ..... 2x





RAB-PD-X51-X1

### ■ RAB-PD-X51-X1

Vertical distribution panel, 24 sockets ČSN standard, max. 16 A, cable 3 x 1.5 mm x 2 m long, IEC60309 plug, surge protection, Varistor surge protection, RAL 9005.

#### Supply

Screw M6 x 16 with washer ..... 2x  
Captive nut M6 ..... 2x



RAB-PD-X52-X1

### ■ RAB-PD-X52-X1

Vertical distribution panel, 20 sockets IEC320 C13, 4 sockets IEC320 C 19. 2 x 16 A master air circuit breaker, max. 32 A, cable 3 x 6.0 mm x 3 m long, IEC60309 plug, RAL 9005.

#### Supply

Screw M6 x 16 with washer ..... 2x  
Captive nut M6 ..... 2x



RAB-PD-X53-X1

### ■ RAB-PD-X53-X1

Vertical distribution panel, 20 sockets IEC320 C13 (anti-fall), 4 sockets IEC320 C 19. 2 x 16 A master air circuit breaker, max. 32A, cable 3 x 6.0 mm x 3 m long, IEC60309 plug, RAL 9005.

#### Supply

Screw M6 x 16 with washer ..... 2x  
Captive nut M6 ..... 2x



RAB-PD-X90-C1

### ■ RAB-PD-X90-C1

10" distribution panel, 4 sockets ČSN standard, max. 16 A, cable 3 x 1.5 mm x 2 m long, DIN49441 16 A plug, RAL 9005.

#### Supply

Screw M6 x 16 with washer ..... 2x  
Captive nut M6 ..... 2x



RAB-PD-X91-C1

### ■ RAB-PD-X91-C1

10" distribution panel, 4 sockets DIN standard, max. 16 A, cable 3 x 1.5 mm x 2 m long, DIN49441 16 A plug, indicator light, RAL 9005.

#### Supply

Screw M6 x 16 with washer ..... 2x  
Captive nut M6 ..... 2x



### ■ Intelligent power distribution panels

Amount and configuration of sockets, measured values and level of management is always carried out according to the customer's specification.

**Please contact your business partner for more information.**

These panels are primarily designed for installation in the skeleton of RTA / RYA / RDA cabinets. Depending on the type of management, it is possible to measure and monitor various electrical values, eventually temperature, humidity, etc.

Superior versions of the panels then allow remote control of individual sockets or entire panels, messaging and other functions.

A standard communication is via IP protocol, SNMP, built-in web interface and is possible to integrate them into building management systems.



RAX-DR-X11-X1

### ■ RAX-DR-X11-X1

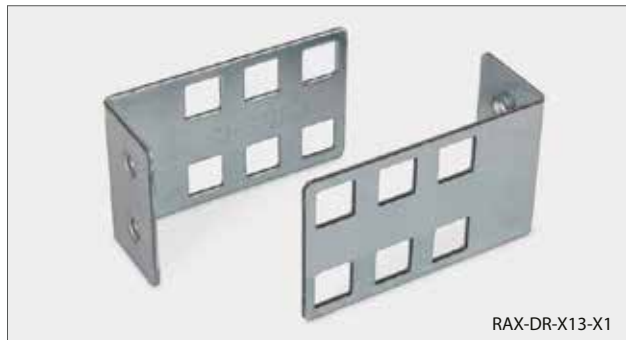
PDU holder 1U for cabinet skeleton (pair). For cabinets RTA, RYA, RDA, RDE, RSX, RSX-F.



RAX-DR-X12-X1

### ■ RAX-DR-X12-X1

PDU holder 2U for cabinet skeleton (pair). For cabinets RTA, RYA, RDA, RDE, RSX, RSX-F.



RAX-DR-X13-X1

### ■ RAX-DR-X13-X1

PDU holder 1U for vertical rail side mount. (pair). For cabinets RMA, RZA, RTA-1200, RYA-1200.



RAX-DR-X17-X1

### ■ RAX-DR-X17-X1

PDU with button style mounting holder 2U for cabinet skeleton (pair). For cabinets RTA, RYA, RDA, RDE, RSX, RSX-F.

## Breaker holder



RAC-JL-X01-A1

### ■ RAB-JL-X01-A1, RAC-JL-X01-A1

19" rail 3U for circuit breakers with cover, removable, DIN, for 23 modules.



RAC-JL-X02-A1

### ■ RAB-JL-X02-A1, RAC-JL-X02-A1

19" rail 3U for circuit breakers with cover, DIN, for 22 modules.



RAC-JL-X01-C1

### ■ RAB-JL-X01-C1, RAC-JL-X01-C1

10" rail 3U for circuit breakers with cover, removable, DIN, for 10 modules.

## Earthing



RAX-ZL-X15-X1

Type	Height (U)	Height (mm)
RAX-ZL-X15-X1	15	667
RAX-ZL-X18-X1	18	800
RAX-ZL-X22-X1	22	978
RAX-ZL-X27-X1	27	1200
RAX-ZL-X32-X1	32	1422
RAX-ZL-X37-X1	37	1645
RAX-ZL-X42-X1	42	1867
RAX-ZL-X45-X1	45	2000

### ■ RAX-ZL-Xxx-X1

Earthing rail vertical, solid copper 5 x 20 mm.

#### Supply

Screw M5 x 18 Thorx ..... 2x  
 Enlarged washer ..... 2x  
 Nut ..... 2x



RAX-SV-X01-X1

### ■ RAX-SV-X01-X1

Earthing clamp.



RAX-ZL-X02-A1

### ■ RAX-ZL-X02-A1

19" earthing rail horizontal, solid copper 5 x 20 mm.

#### Supply

Screw M6 x 12 Thorx ..... 2x  
 Plastic pad ..... 2x  
 Captive nut M6 ..... 2x



RAX-MS-X84-X1

### ■ RAX-MS-X84-X1

Earthing module on DIN rail designed for mounting on a 19" vertical, 36 earthing connections for max. crosscut 10 mm<sup>2</sup>, one connection for max. crosscut 25 mm<sup>2</sup>.

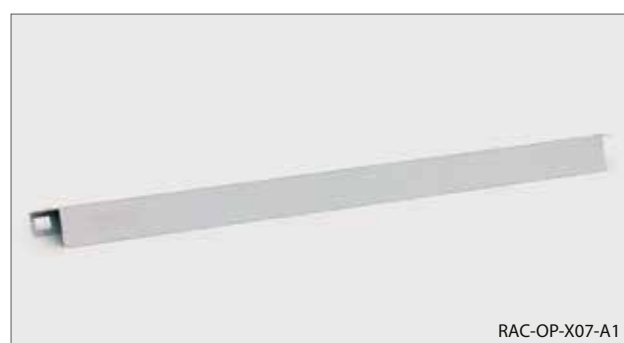
## Lighting unit



RAX-OJ-X07-X1

### ■ RAX-OJ-X07-X1

LED-diode lighting unit with magnet 1/2U with possibility of fixing on the vertical 19" rails, external power supply 230 V, 315 lm.



RAC-OP-X07-A1

### ■ RAB-OP-X07-A1, RAC-OP-X07-A1

19" cover/holder for LED-diode lighting unit RAX-OJ-X07-X1.

## 10" accessories



RAB-PP-X03-C1

■ **RAB-PP-X03-C1, RAC-PP-X03-C1**  
10" modular patch panel for max. 10 keystone modules.

**Supply**

Screw M6 x 10 ..... 4x  
Plastic washer ..... 4x  
Captive nut M6 ..... 4x



RAC-UP-X01-C1

■ **RAB-UP-X01-C1, RAC-UP-X01-C1**  
10" shelf, depth 150 mm.

**Supply**

Screw M6 x 10 ..... 4x  
Plastic washer ..... 4x  
Captive nut M6 ..... 4x



RAC-FO-X01-C1

■ **RAB-FO-X01-C1, RAC-FO-X01-C1**  
10" fibre optic box 1U, 8 ST connectors.

**Supply**

Screw M6 x 10 ..... 4x  
Plastic washer ..... 4x  
Captive nut M6 ..... 4x



RAC-FO-X01-C2

■ **RAB-FO-X01-C2, RAC-FO-X01-C2**  
10" fibre optic box 1U, 8 SC connectors.

**Supply**

Screw M6 x 10 ..... 4x  
Plastic washer ..... 4x  
Captive nut M6 ..... 4x



RAB-ZP-X01-C1

■ **RAB-ZP-X01-C1, RAC-ZP-X01-C1**  
10" blanking panel 1U.

**Supply**

Screw M6 x 10 ..... 4x  
Plastic washer ..... 4x  
Captive nut M6 ..... 4x

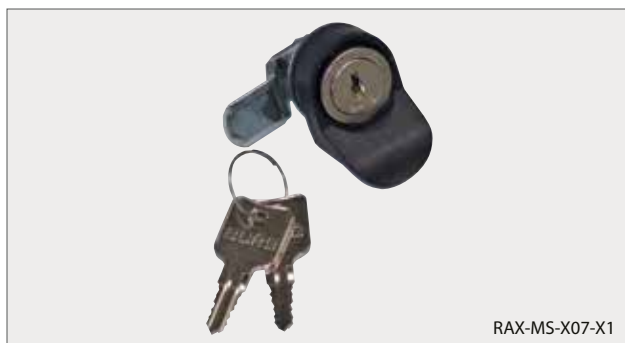


RAB-VP-X02-C1

■ **RAB-VP-X02-C1, RAC-VP-X02-C1**  
10" cable management panel 1U, a small ring 3x.

**Supply**

Screw M6 x 10 ..... 4x  
Plastic washer ..... 4x  
Captive nut M6 ..... 4x



## ■ RAX-MS-X07-X1

Round BURG lock for fully glass door of wall mounted cabinets + 2x common key.



## ■ RAX-MS-X09-X1

Round BURG lock for rack side panels + 2x common key.



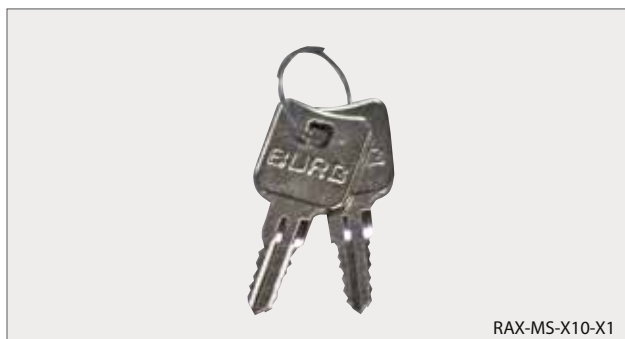
## ■ RAX-MS-X25-X1

Round BURG lock for plastic swing handle TRITÓN + 2x common key.



## ■ RAX-ZM-X04-X1

Round BURG lock for rack RMA, RZA rear panel + 2x key.



## ■ RAX-MS-X10-X1

Key for round BURG lock – 2x common key.



## ■ RAX-MS-X97-X1

Plastic swing handle with 4-digit mechanical code + opening by special emergency key.



# Tritón® locking system



Patent: 2013-27443

## ■ RAX-MS-X35-X1

Plastic swing handle TRITON with round BURG lock + 2x common key.

## ■ RAX-MS-X68-X1

Plastic swing handle TRITON with half-cylindrical insert – 4x unique key.

## ■ RAX-MS-X36-X1

Plastic swing handle TRITON ready for round BURG lock or half-cylindrical insert – WITHOUT INSERTS!

## ■ RAX-MS-X71-X1

Set for conversion of plastic swing handle Tritón to round BURG lock + 2x common key.

## ■ RAX-MS-X72-X1

Set for conversion of plastic swing handle Tritón to half-cylindrical insert - 4x unique key.

## ■ RAX-MS-X73-X1

Set for conversion of two plastic swing handles Tritón to 2x half-cylindrical insert - 4x unique key the same for both inserts.

## ■ RAX-MS-X74-X1

Set for conversion of plastic swing handle Tritón to half-cylindrical insert – WITHOUT INSERT!.

## ■ RAX-MS-X75-X1

Set for conversion of plastic swing handle Tritón to half-cylindrical insert - 3x common key.



RAX-MS-X74-X1



RAX-MS-X36-X1

Tritón plastic swing handle brings revolutionary innovation. Just by replacing the plastic inlet you can choose classic or half-cylindrical lock. Even while in use, on fully equipped cabinet you can easily switch simply by changing a few parts at a higher security level or the general key systems.

Cylindrical lock must have an adjustable rotating latch.

The handle is not compatible with the older model.



## ■ Multi point locking systems

We have been supplying these systems for many years and especially cabinets with a high IP rating could not exist without them. With the new handle comes also the ability to use a wider range of lever and sliding multi point locking systems from reputable manufacturers.



**RAX-MS-X12-X1**  
Door hinge for wall-mounted fibre optic boxes.



**RAX-MS-X13-X1**  
Door hinge for free-standing and wall-mounted cabinets.  
Max. loading capacity of 1 piece is 15 kg.

- Supply**
- |                     |    |
|---------------------|----|
| Screw M5 x 12 ..... | 2x |
| Nut M4 .....        | 2x |



**RAX-MS-X14-X1**  
Side hinge for double sectioned wall-mounted cabinets.

- Supply**
- |                     |    |
|---------------------|----|
| Screw M5 x 12 ..... | 4x |
| Nut M5 .....        | 4x |



**RAX-MS-X20-X1**  
Triton plastic hinge for flat-pack, RKA and 10" cabinets.



Type	Hinge orientation
RAX-MS-X21-A1	left
RAX-MS-X22-A1	right

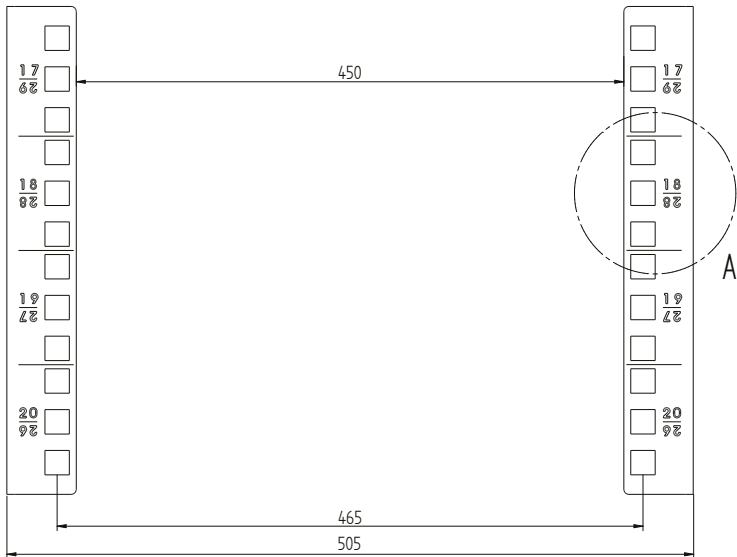
**RAX-MS-X21-X1, RAX-MS-X22-X1**  
Hook-on door hinge for free standing cabinets. Loading capacity of one hinge is 15 kg.

- Assembly set**
- |                     |    |
|---------------------|----|
| Screw M5 x 12 ..... | 2x |
| Nut M5 .....        | 2x |

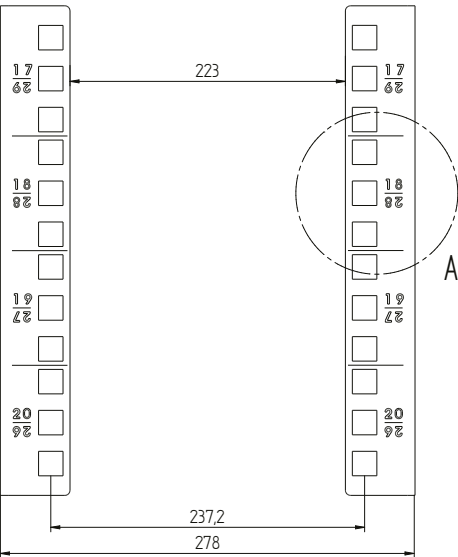
# Technical Support

## 1. Vertical rail

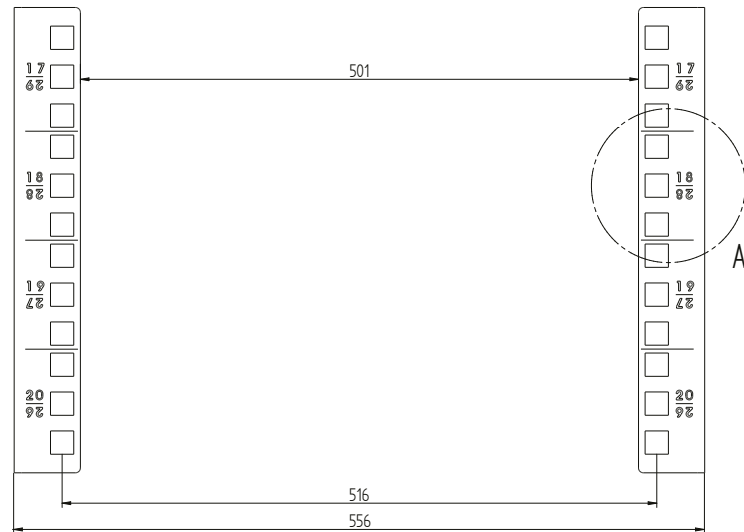
### 19" system



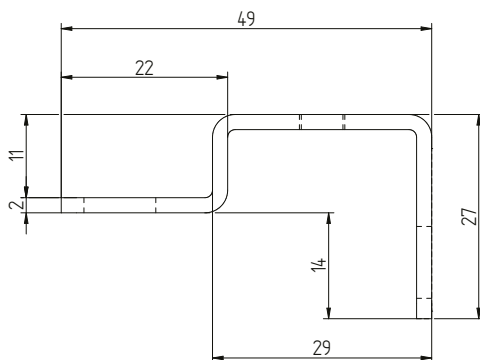
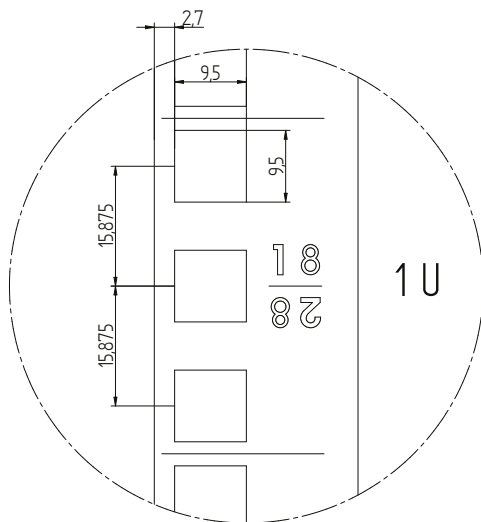
### 10" system



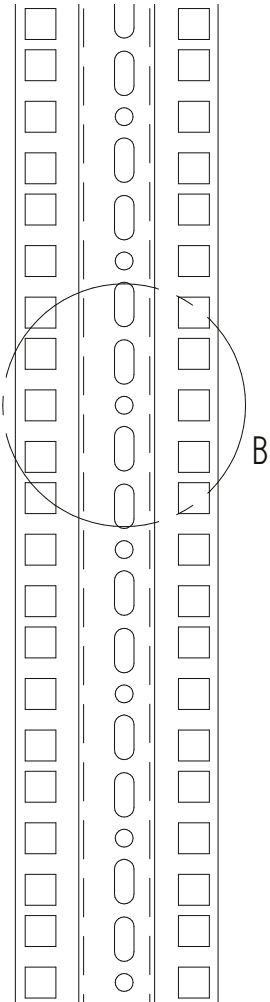
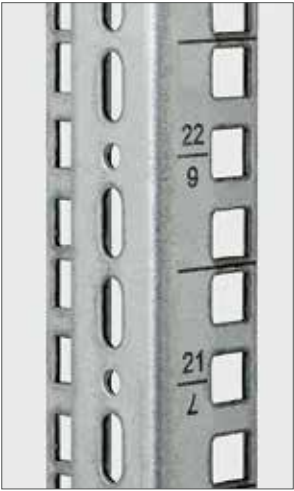
### 21" system



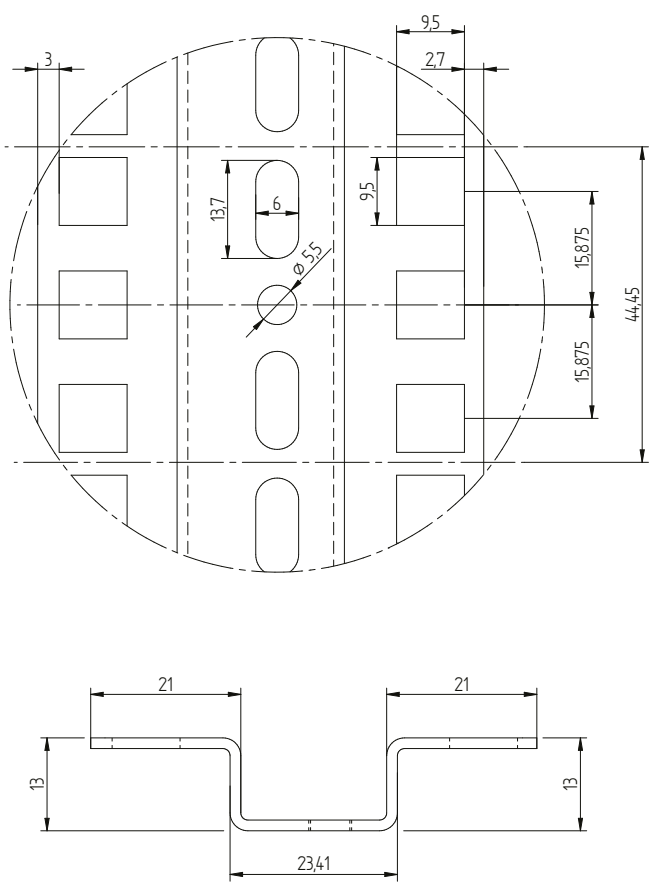
### Detail A (Vertical rail)



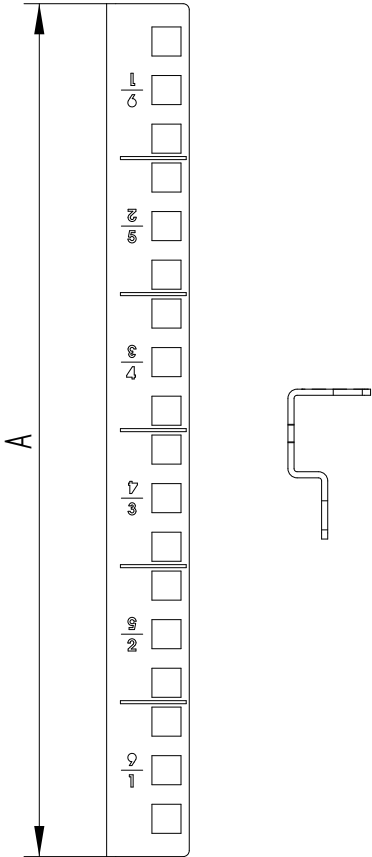
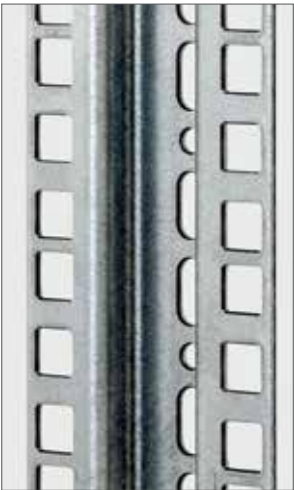
Central vertical rail



Detail B (Central vertical rail)

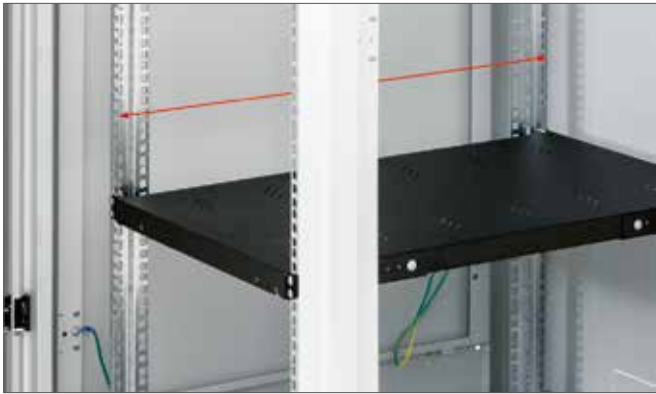
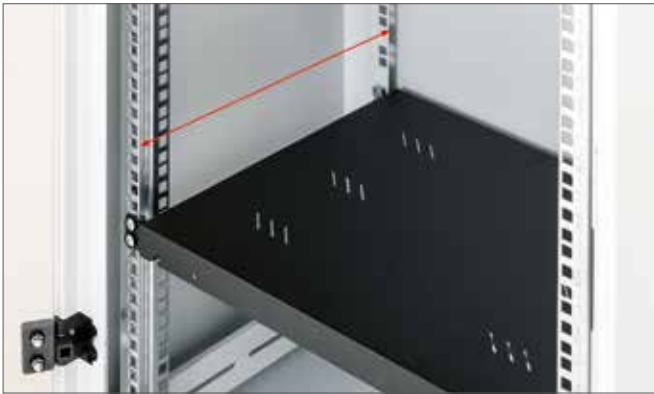


Conversion of units to vertical rail height



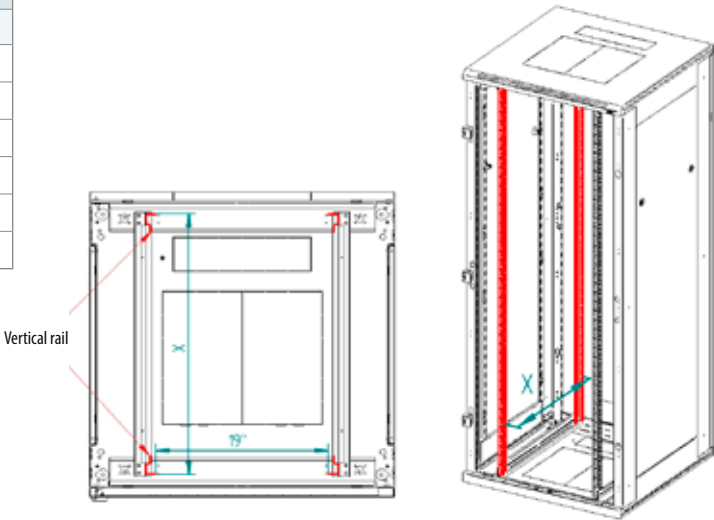
Conversion of units to vertical rail height	
Marking in units (U)	Total length of rail (mm)
4 U	190 mm
6 U	279 mm
9 U	412 mm
12 U	545 mm
15 U	679 mm
18 U	812 mm
22 U	990 mm
27 U	1 212 mm
32 U	1 434 mm
37 U	1 657 mm
42 U	1 879 mm
45 U	2 012 mm
47 U	2 101 mm

Maximum spacing of vertical rails in free standing cabinets



RMA Width 600 mm		RMA Width 800 mm	
Floor plan	X (mm)	Floor plan	X (mm)
600 x 600	517	800 x 600	484
600 x 800	717	800 x 800	684
600 x 900	817	800 x 900	784
600 x 1000	917	800 x 1000	884
600 x 1100	1017	800 x 1100	984
600 x 1200	1117	800 x 1200	1084
RTA Width 600 mm		RTA Width 800 mm	
Floor plan	X (mm)	Floor plan	X (mm)
600 x 600	484	800 x 600	484
600 x 800	684	800 x 800	684
600 x 900	784	800 x 900	784
600 x 1000	884	800 x 1000	884
600 x 1100	984	800 x 1100	984
600 x 1200	1084	800 x 1200	1084
RZA Width 600 mm		RZA Width 800 mm	
Floor plan	X (mm)	Floor plan	X (mm)
600 x 600	475	800 x 600	484
600 x 800	675	800 x 800	684
600 x 900	775	800 x 900	784
600 x 1000	875	800 x 1000	884
600 x 1100	975	800 x 1100	984
600 x 1200	1075	800 x 1200	1084
RYA Width 600 mm		RYA Width 800 mm	
Floor plan	X (mm)	Floor plan	X (mm)
600 x 600	484	800 x 600	484
600 x 800	684	800 x 800	684
600 x 900	784	800 x 900	784
600 x 1000	884	800 x 1000	884
600 x 1100	984	800 x 1100	984
600 x 1200	1084	800 x 1200	1084

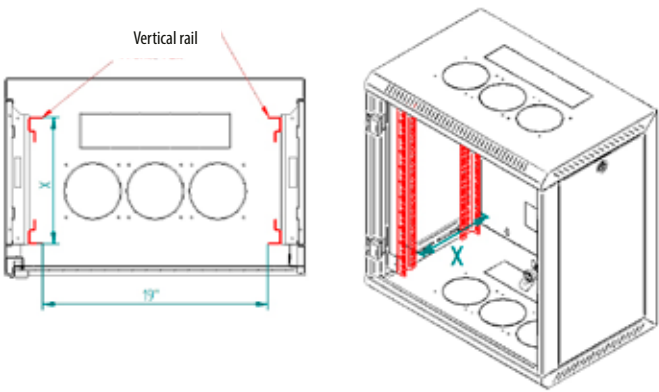
RDA Width 600 mm		RDA Width 800 mm	
Floor plan	X (mm)	Floor plan	X (mm)
600 x 600	518	800 x 600	514
600 x 800	718	800 x 800	714
600 x 900	818	800 x 900	814
600 x 1000	918	800 x 1000	914
600 x 1100	1018	800 x 1100	1014
600 x 1200	1118	800 x 1200	1114
RIE Width 600 mm		RIE Width 800 mm	
Floor plan	X (mm)	Floor plan	X (mm)
600 x 600	522	800 x 600	487
600 x 800	722	800 x 800	687
600 x 900	822	800 x 900	787
600 x 1000	922	800 x 1000	887
600 x 1100	1022	800 x 1100	987
600 x 1200	1122	800 x 1200	1087
RDE Width 600 mm		RDE Width 800 mm	
Floor plan	X (mm)	Floor plan	X (mm)
600 x 600	500	800 x 600	514
600 x 800	700	800 x 800	714
600 x 900	800	800 x 900	814
600 x 1000	900	800 x 1000	914
600 x 1100	1000	800 x 1100	1014
600 x 1200	1100	800 x 1200	1114





## Maximum spacing of vertical rails in wall-mounted cabinets

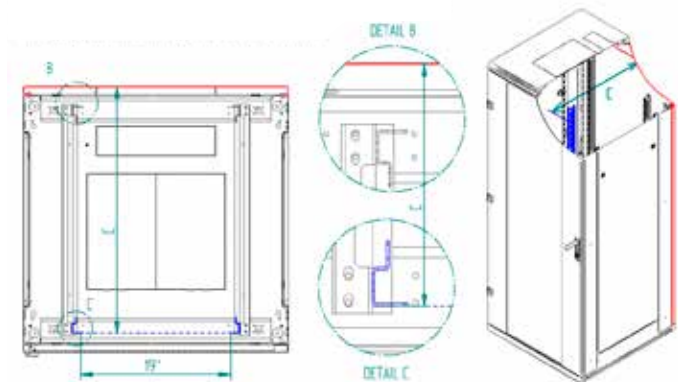
RBA	
Type	X (mm)
AS4	338
AS5	438
AS6	538
RUA	
Type	X (mm)
AS4	254
AS5	354
AS6	454



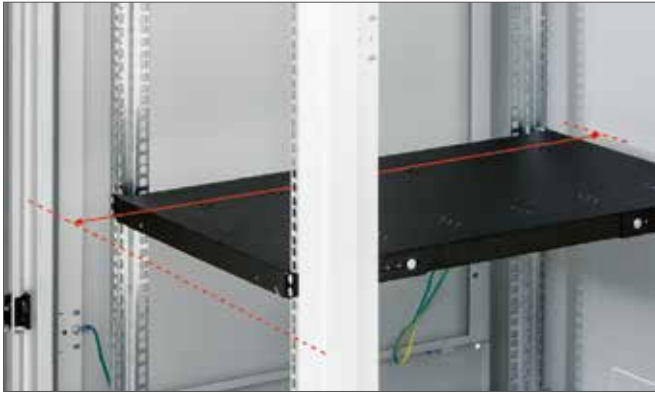
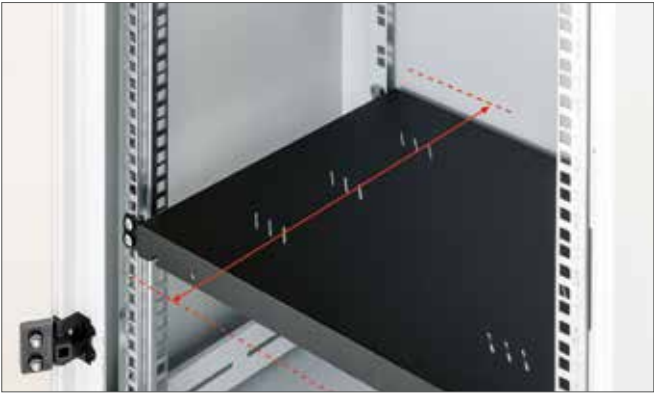
## Maximum usable depths in rack-mounted cabinets at maximum vertical rail spacing

RMA Width 600 mm		RMA Width 800 mm	
Floor plan	C (mm)	Floor plan	C (mm)
600 x 600	529	800 x 600	512
600 x 800	729	800 x 800	712
600 x 900	829	800 x 900	812
600 x 1000	929	800 x 1000	912
600 x 1100	1029	800 x 1100	1012
600 x 1200	1129	800 x 1200	1112
RTA Width 600 mm		RTA Width 800 mm	
Floor plan	C (mm)	Floor plan	C (mm)
600 x 600	514	800 x 600	514
600 x 800	714	800 x 800	714
600 x 900	814	800 x 900	814
600 x 1000	914	800 x 1000	914
600 x 1100	1014	800 x 1100	1014
600 x 1200	1114	800 x 1200	1114
RZA Width 600 mm		RZA Width 800 mm	
Floor plan	C (mm)	Floor plan	C (mm)
600 x 600	505	800 x 600	514
600 x 800	705	800 x 800	714
600 x 900	805	800 x 900	814
600 x 1000	905	800 x 1000	914
600 x 1100	1005	800 x 1100	1014
600 x 1200	1105	800 x 1200	1114
RYA Width 600 mm		RYA Width 800 mm	
Floor plan	C (mm)	Floor plan	C (mm)
600 x 600	512	800 x 600	514
600 x 800	712	800 x 800	714
600 x 900	812	800 x 900	814
600 x 1000	912	800 x 1000	914
600 x 1100	1012	800 x 1100	1014
600 x 1200	1112	800 x 1200	1114

RDA Width 600 mm		RDA Width 800 mm	
Floor plan	C (mm)	Floor plan	C (mm)
600 x 600	531	800 x 600	529
600 x 800	731	800 x 800	729
600 x 900	831	800 x 900	829
600 x 1000	931	800 x 1000	929
600 x 1100	1031	800 x 1100	1029
600 x 1200	1131	800 x 1200	1129
RIE Width 600 mm		RIE Width 800 mm	
Floor plan	C (mm)	Floor plan	C (mm)
600 x 600	531	800 x 600	515
600 x 800	731	800 x 800	715
600 x 900	831	800 x 900	815
600 x 1000	931	800 x 1000	915
600 x 1100	1031	800 x 1100	1015
600 x 1200	1131	800 x 1200	1115
RDE Width 600 mm		RDE Width 800 mm	
Floor plan	C (mm)	Floor plan	C (mm)
600 x 600	523	800 x 600	529
600 x 800	723	800 x 800	729
600 x 900	823	800 x 900	829
600 x 1000	923	800 x 1000	929
600 x 1100	1023	800 x 1100	1029
600 x 1200	1123	800 x 1200	1129

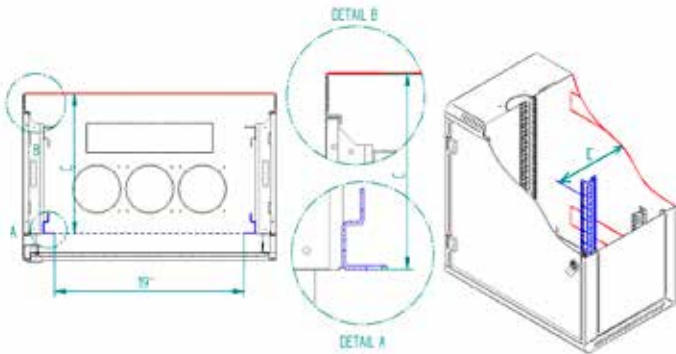


Maximum usable depths in rack-mounted cabinets at maximum vertical rail spacing

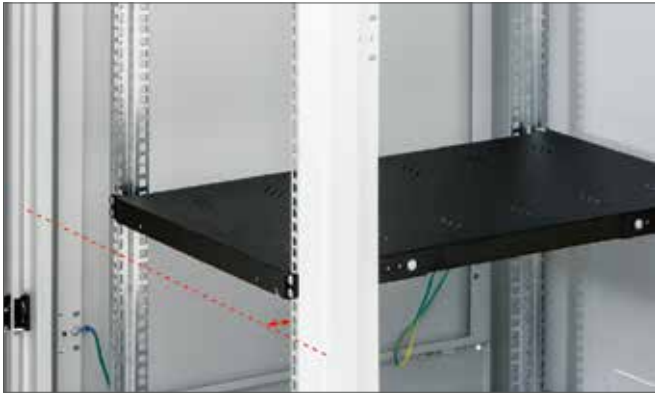


RBA AS	
Type	C (mm)
AS4	355
AS5	455
AS6	555
RBA AD	
Type	C (mm)
AD2	255
AD5	475
AD6	575
RBA 10"	
Type	C (mm)
AS3	217
RUA	
Type	C (mm)
AS4	330
AS5	430
AS6	530

RKA	
Type	C (mm)
AS3	215
AS4	315
AS5	415
RXA	
Type	C (mm)
AS4	350
RFA	
Type	C (mm)
top section	508
bottom section	926

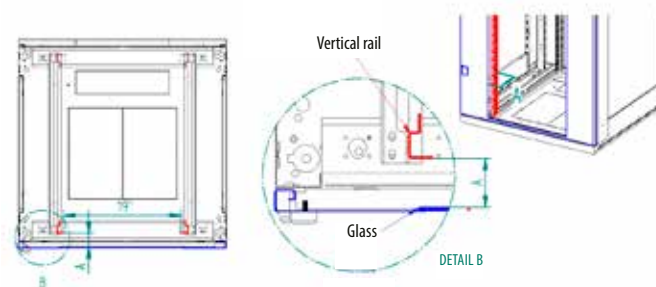


Space between front vertical rail and door glass at max. vertical rail spacing in free standing cabinets



RMA Width 600 mm		RMA Width 800 mm	
Floor plan	A (mm)	Floor plan	A (mm)
600 x 600	37	800 x 600	51
600 x 800	37	800 x 800	51
600 x 900	37	800 x 900	51
600 x 1000	37	800 x 1000	51
600 x 1100	37	800 x 1100	51
600 x 1200	37	800 x 1200	51
RTA Width 600 mm		RTA Width 800 mm	
Floor plan	A (mm)	Floor plan	A (mm)
600 x 600	51	800 x 600	51
600 x 800	51	800 x 800	51
600 x 900	51	800 x 900	51
600 x 1000	51	800 x 1000	51
600 x 1100	51	800 x 1100	51
600 x 1200	51	800 x 1200	51
RZA Width 600 mm		RZA Width 800 mm	
Floor plan	A (mm)	Floor plan	A (mm)
600 x 600	58	800 x 600	51
600 x 800	58	800 x 800	51
600 x 900	58	800 x 900	51
600 x 1000	58	800 x 1000	51
600 x 1100	58	800 x 1100	51
600 x 1200	58	800 x 1200	51
RYA Width 600 mm		RYA Width 800 mm	
Floor plan	A (mm)	Floor plan	A (mm)
600 x 600	54	800 x 600	51
600 x 800	54	800 x 800	51
600 x 900	54	800 x 900	51
600 x 1000	54	800 x 1000	51
600 x 1100	54	800 x 1100	51
600 x 1200	54	800 x 1200	51

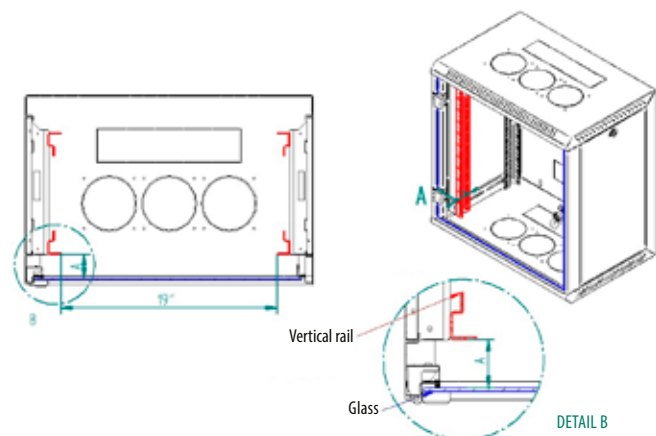
RDA Width 600 mm		RDA Width 800 mm	
Floor plan	A (mm)	Floor plan	A (mm)
600 x 600	36	800 x 600	38
600 x 800	36	800 x 800	38
600 x 900	36	800 x 900	38
600 x 1000	36	800 x 1000	38
600 x 1100	36	800 x 1100	38
600 x 1200	36	800 x 1200	38
RIE Width 600 mm		RIE Width 800 mm	
Floor plan	A (mm)	Floor plan	A (mm)
600 x 600	32	800 x 600	52
600 x 800	32	800 x 800	52
600 x 900	32	800 x 900	52
600 x 1000	32	800 x 1000	52
600 x 1100	32	800 x 1100	52
600 x 1200	32	800 x 1200	52
RDE Width 600 mm		RDE Width 800 mm	
Floor plan	A (mm)	Floor plan	A (mm)
600 x 600	43	800 x 600	38
600 x 800	43	800 x 800	38
600 x 900	43	800 x 900	38
600 x 1000	43	800 x 1000	38
600 x 1100	43	800 x 1100	38
600 x 1200	43	800 x 1200	38



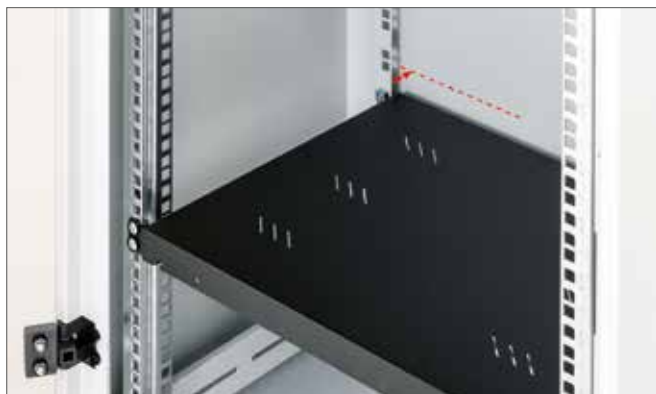
## Space between front vertical rail and door glass at max. vertical rail spacing in wall-mounted cabinets

RBA AS/AD	
Type	A (mm)
AS4	29
AS5	29
AS6	29
RBA 10"	
Type	A (mm)
AS3	29
RUA	
Type	A (mm)
AS4	50
AS5	50
AS6	50
RKA	
Type	A (mm)
AS3	30
AS4	30
AS5	30

RXA	
Type	A (mm)
AS4	35
RFA	
Type	A (mm)
AS3	22

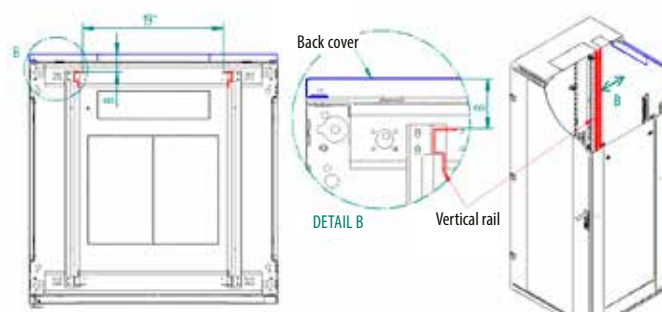


## Space between rear vertical bar and rear cover at maximum vertical rail spacing



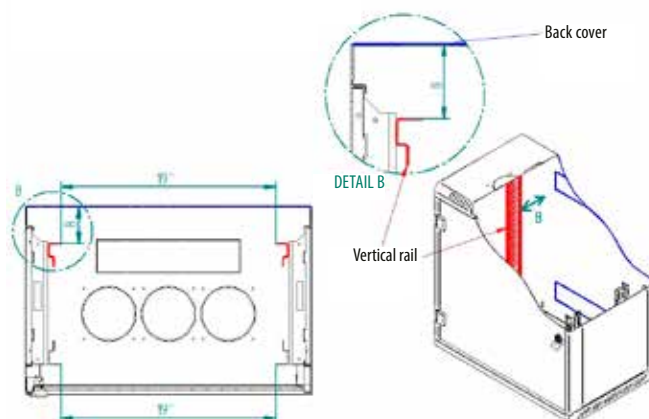
RMA Width 600 mm		RMA Width 800 mm	
Floor plan	B (mm)	Floor plan	B (mm)
600 x 600	40	800 x 600	55
600 x 800	40	800 x 800	55
600 x 900	40	800 x 900	55
600 x 1000	40	800 x 1000	55
600 x 1100	40	800 x 1100	55
600 x 1200	40	800 x 1200	55
RTA Width 600 mm		RTA Width 800 mm	
Floor plan	B (mm)	Floor plan	B (mm)
600 x 600	57	800 x 600	57
600 x 800	57	800 x 800	57
600 x 900	57	800 x 900	57
600 x 1000	57	800 x 1000	57
600 x 1100	57	800 x 1100	57
600 x 1200	57	800 x 1200	57
RZA Width 600 mm		RZA Width 800 mm	
Floor plan	B (mm)	Floor plan	B (mm)
600 x 600	58	800 x 600	57
600 x 800	58	800 x 800	57
600 x 900	58	800 x 900	57
600 x 1000	58	800 x 1000	57
600 x 1100	58	800 x 1100	57
600 x 1200	58	800 x 1200	57
RYA Width 600 mm		RYA Width 800 mm	
Floor plan	B (mm)	Floor plan	B (mm)
600 x 600	55	800 x 600	57
600 x 800	55	800 x 800	57
600 x 900	55	800 x 900	57
600 x 1000	55	800 x 1000	57
600 x 1100	55	800 x 1100	57
600 x 1200	55	800 x 1200	57

RDA Width 600 mm		RDA Width 800 mm	
Floor plan	B (mm)	Floor plan	B (mm)
600 x 600	40	800 x 600	42
600 x 800	40	800 x 800	42
600 x 900	40	800 x 900	42
600 x 1000	40	800 x 1000	42
600 x 1100	40	800 x 1100	42
600 x 1200	40	800 x 1200	42
RIE Width 600 mm		RIE Width 800 mm	
Floor plan	B (mm)	Floor plan	B (mm)
600 x 600	36	800 x 600	56
600 x 800	36	800 x 800	56
600 x 900	36	800 x 900	56
600 x 1000	36	800 x 1000	56
600 x 1100	36	800 x 1100	56
600 x 1200	36	800 x 1200	56
RDE Width 600 mm		RDE Width 800 mm	
Floor plan	B (mm)	Floor plan	B (mm)
600 x 600	50	800 x 600	42
600 x 800	50	800 x 800	42
600 x 900	50	800 x 900	42
600 x 1000	50	800 x 1000	42
600 x 1100	50	800 x 1100	42
600 x 1200	50	800 x 1200	42



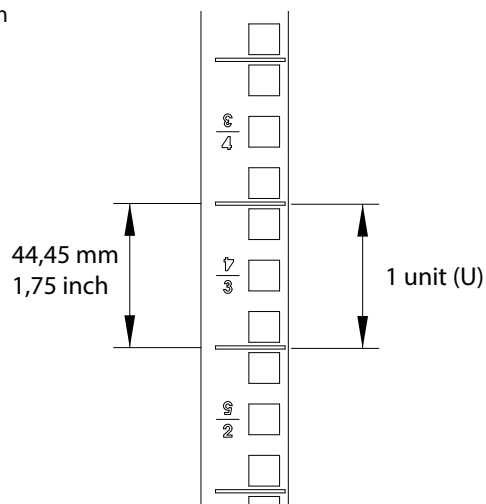
## Space between rear vertical rail and rear cover for wall-mounted cabinets

RBA AS	
Type	X (mm)
AS4	17
AS5	17
AS6	17
RBA AD	
Type	X (mm)
AD2	137
AD5	137
AD6	137
RUA	
Type	X (mm)
AS4	77
AS5	77
AS6	77



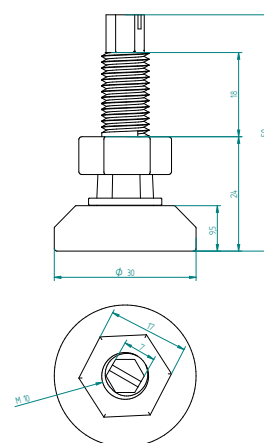
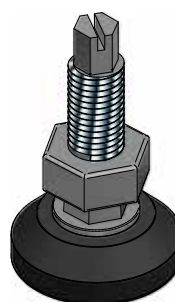
## Units of measure (Unit/inch)

unit = 44,45 mm  
inch = 25,4 mm  
unit = 1,75 inch



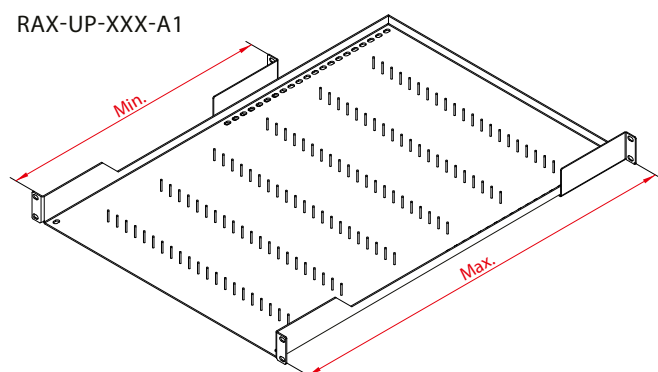
## Basic dimensions of universal feet for free-standing cabinet

Screw: M10  
lift: 19 - 29 mm

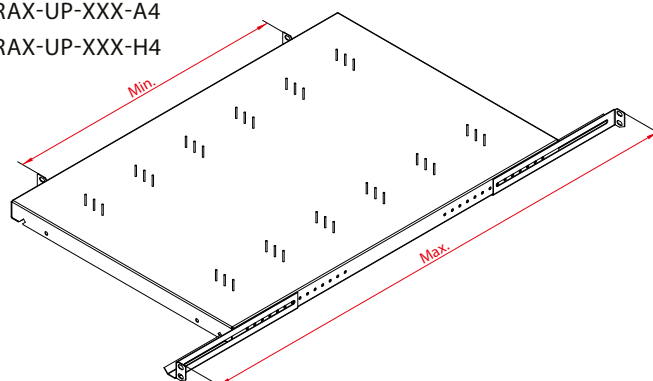


## Fixed shelf - spacing between the vertical rails

RAX-UP-XXX-A1



RAX-UP-XXX-A4  
RAX-UP-XXX-H4

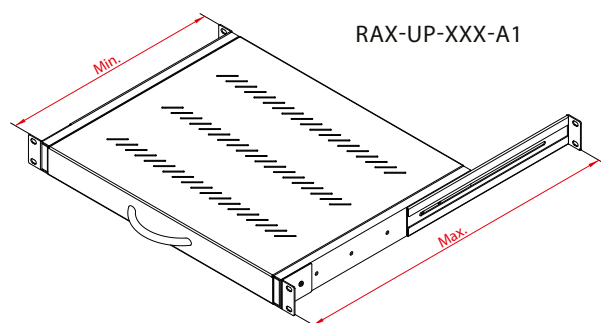


## Fixed shelf - spacing between the vertical rails

Shelf type	Depth of shelf(mm)	150	250	350	450	550	650	750	850	950
RAC-UP-xxx-A1	Spacing between vertical rails min. - max. (mm)	-	-	309 - 417	409 - 517	509 - 617	455 - 717	495 - 817	535 - 917	575 - 1017
RAC-UP-xxx-A4		-	-	250 - 450	370 - 550	370 - 650	370 - 750	495 - 850	495 - 950	495 - 1050
RAC-UP-xxx-H4		-	-	-	370 - 550	395 - 650	395 - 750	495 - 850	495 - 950	495 - 1050



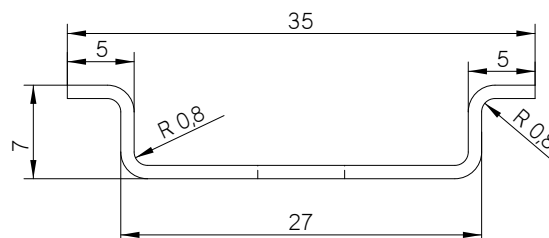
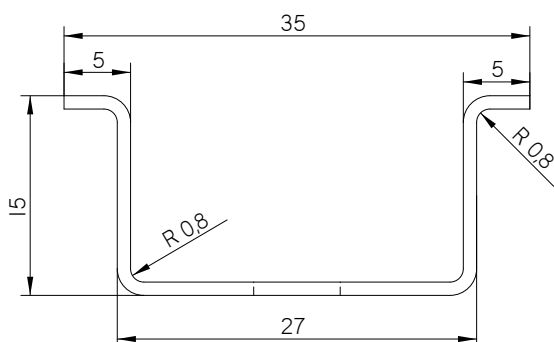
## Sliding shelf



### Sliding shelf - spacing between the vertical rails

Shelf type	Min. spacing between vertical rails (mm)	Max. spacing between vertical rails (mm)
RAC-UP-X19	630	770
RAC-UP-X20	530	690
RAC-UP-X29	380	625
RAC-UP-X30	350	500
RAC-UP-X31	450	630
RAC-UP-X40	450	630

## DIN rail



## Information - glass

### Doors of free-standing cabinet

The cabinet doors are metal with glued glass as standard, but can also be solid metal or perforated on request.

### Metal door with glued glass

The doors are made using tempered glass, which is impact resistant. It is soda-lime-silica safety glass with a thickness of 4 mm. If the door should happen to break, the safety glass breaks into a number of small fragments, the edges of which are generally blunt, similar to the side windows of cars. The risk of injury is therefore minimal. For safety reasons, it is recommended that the full-glass door be closed after installation of the equipment in the enclosure 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.

### Doors of wall mounted cabinet

The cabinet doors are full-glass as standard, but can also be solid metal or perforated on request.

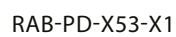
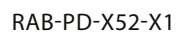
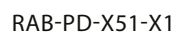
### Full-glass doors

Full-glass doors are made of tempered glass, which is impact resistant. It is soda-lime-silica safety glass with a thickness of 4 mm. If the door should happen to break, the safety glass breaks into a number of small fragments, the edges of which are generally blunt, similar to the side windows of cars. The risk of injury is therefore minimal. For safety reasons, it is recommended that the full-glass door be closed after installation of the equipment in the enclosure to prevent collision with other objects.

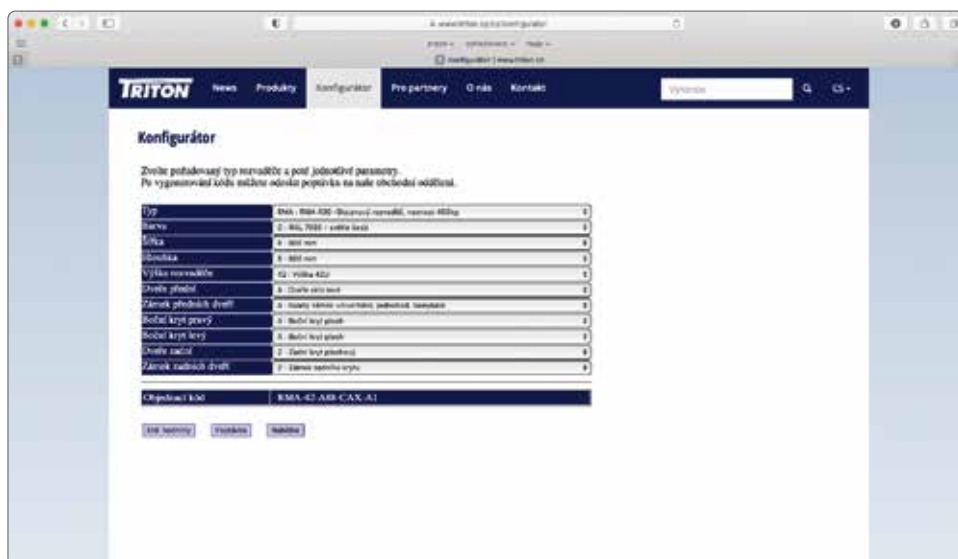
Our full-glass doors are tested in a certified testing laboratory and meet the requirements of ČSN EN 12150-1+A: Glass in construction - Thermally tempered soda-lime-silicate safety glass. The tested glass meets the standard for the disintegration of glass after breakage, Certificate of Conformity CQ-24-2023, Test Protocol IKATES 58A-2024.



## RAB-PD-X01-A1



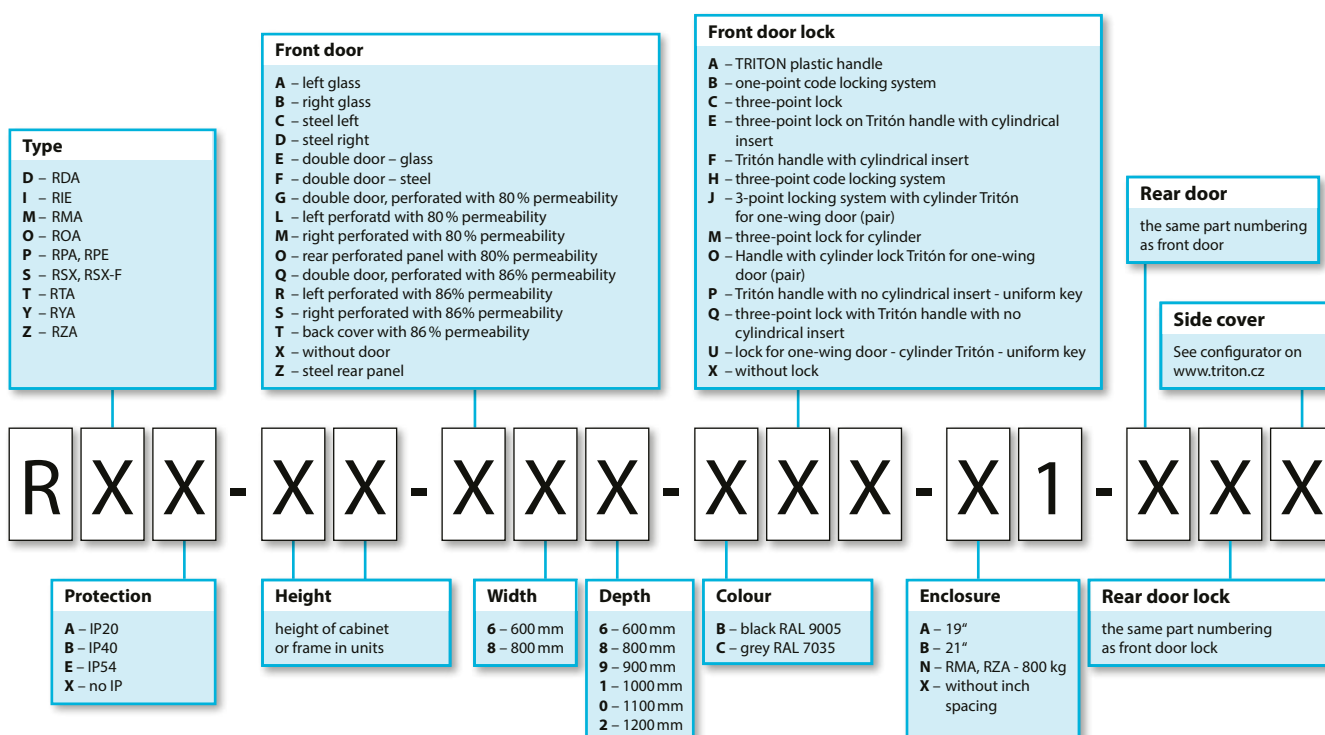
# Configurator



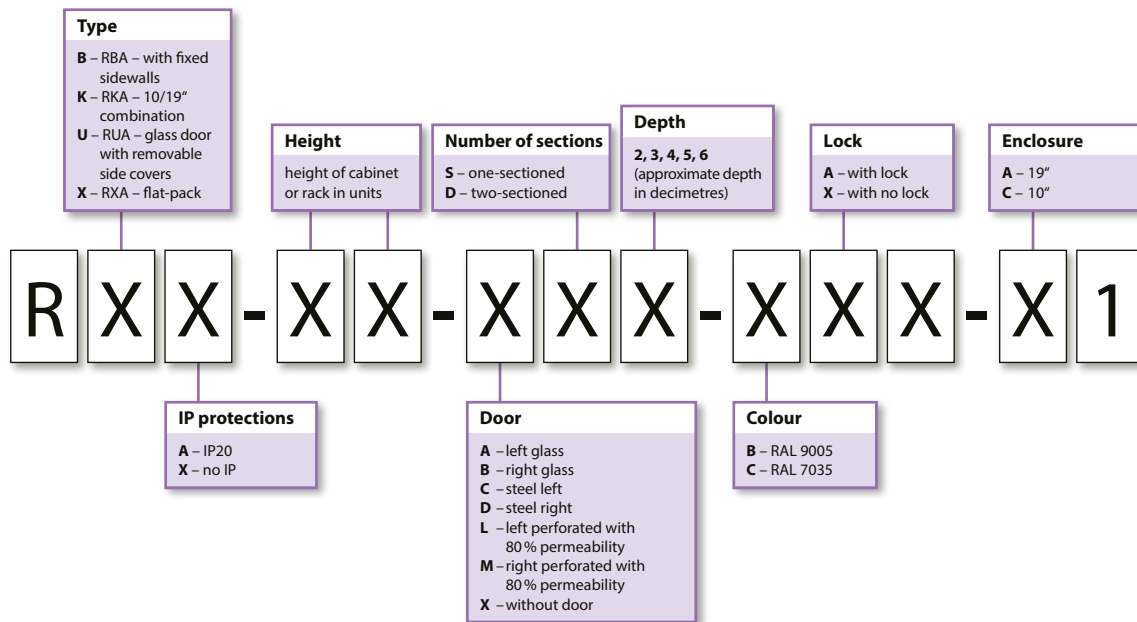
To help you with selecting the right type of product for your needs we have prepared a configurator of Triton products. **Create a product code** of cabinet as per your needs.

Exact specification of free-standing cabinets can be found in our configurator on web page <https://triton-racks.com/configurator/>.

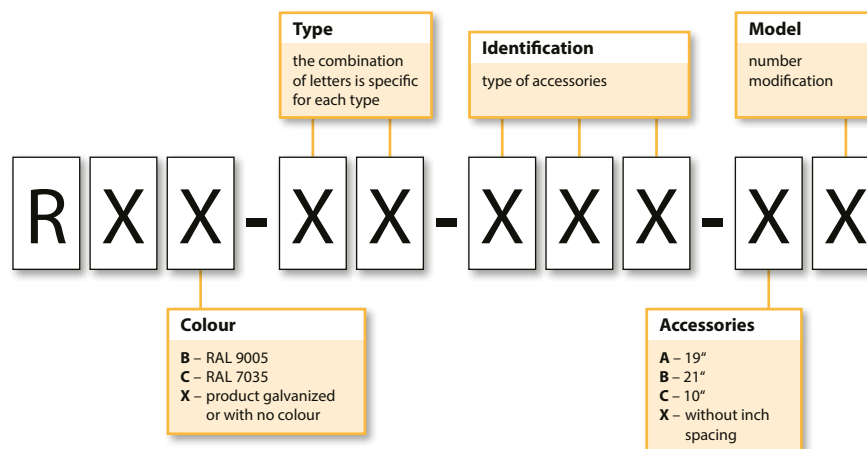
## Part numbering of free-standing cabinets



## Part numbering of wall-mounted cabinets



## Part numbering of accessories



# Certification



ISO 9001:2015



ISO 14001:2015



ISO 45001:2018



RMA



RDA



RZA



RTA



RYA



RDE





RBA - one-sectioned 19"



RBA - two-sectioned 19"



RBA - one-sectioned 10"



RUA



RXA



RCA



RIE



RPA



SGA



SHA



RNA, SNA



Fan units



Fan units



Fan units



Fan units



Ventilation units  
and ventilation shelves for mounting  
in telecommunications cabinets



Power distribution



Glass





## Showroom



There is no better argument for something than the demonstration of a particular sample. For this purpose, we have prepared a presentation center with samples of our cabinets, with a data center and other products. Here you can upon agreement show to your customers all the benefits of different models during a personal visit.

If interested in a personal visit with us please do not hesitate to arrange a date.



# Packing, Transportation, Warranty



## Packing

Edges are protected by a highly resistant polyurethane foam and the whole cabinet is protected with shrink-wrap against dust and scratching during transportation. Free standing cabinets are delivered on wooden pallets.

## Transportation

Transportation is provided via our contract carriers.

## Warranty

Tritón focuses a great deal on the quality of its products. In the rare occurrence of a problem with defective material or function it is covered by our warranty. Most products have a warranty of 24 months, except for the air conditioning unit which has a warranty for one year. The warranty begins upon dispatch from our central warehouse.

If necessary, please contact your supplier who will arrange all the necessary information to deal with the situation.







**TRITON**

for smart storage

## Clothes Lockers and Cloak Room Equipment

Our company focuses not only on the IT industry, but also on the development and production of equipment for smart storage, such as lockers, boxes, containers, bins and other furniture for various industries.

Modern design, clean lines, quality materials, variability and top processing, these are the main attributes that appeal to all our clients interested in modern and smart storage.

Our wide range of metal furniture is complemented by laminate and combined products of laminate and metal.

We offer many colours, decors and variability of design, so we will equip any interior, including atypical and luxury projects for demanding clients.

Continuous innovation keeps our products at the forefront of current technological trends with emphasis on top quality and exclusive design.

### Our product line includes:

- Clothes lockers and compartment lockers in combination of steel and laminated chipboard
- Steel clothes lockers and compartment lockers
- Exclusive lockers
- Key lockers
- Shoe boxes under the clotheslockers
- Cloakroom benches and seats
- Golf lockers
- Fire lockers and lockers for rescue services
- workbenches and workshop storage furniture
- waste bins

### We provide these products to:

hospitals, schools, retirement homes, fitness and wellness centers, gyms, aqua parks, fire and rescue services, golf and equestrian clubs, factories, etc.

### More information

tel.: +420 467 401 112

e-mail: [info@clotheslockers.eu](mailto:info@clotheslockers.eu)



[www.clotheslockers.eu](http://www.clotheslockers.eu)





**Tritón Pardubice, spol. s r. o.**

č.p. 130, 530 02 Starý Mateřov, Czech Republic

Tel.: +420 467 401 111

E-mail: [sale@triton.cz](mailto:sale@triton.cz)

**Triton Chemnitz GmbH**

Teichstraße 11, 09366 Niederdorf, Germany

Tel.: +49 (0) 37296 5498-0

E-mail: [info@triton-racks.de](mailto:info@triton-racks.de)

**[www.triton-racks.com](http://www.triton-racks.com)**

**[www.clotheslockers.eu](http://www.clotheslockers.eu)**