



The new generation of **RMA** cabinets

NEW

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 800kg for all sizes, all while maintaining structural rigidity.

- ❶ The roof of the 600mm 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 1,3mm 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 almost 180°. 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 800mm 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

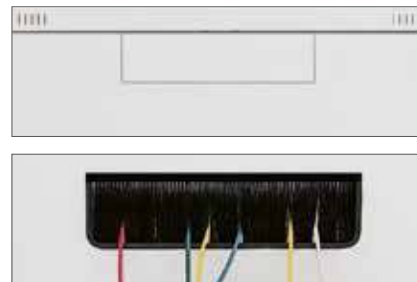
Removable sides and back cover. The RMA cabinet features a welded skeleton with removable side panels and a back cover. These, as well as the rear cover, are secured to the skeleton with locks which typically use a common key.



■ 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 blanking panel equipped 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. The appropriate fan unit, according to the cabinet dimensions, is detailed on pages 7 and 9.



■ 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.





BASES

Typ	(mm)
RAX-PO-X68-XD	600 x 800
RAX-PO-X61-XD	600 x 1000
RAX-PO-X60-XD	600 x 1100
RAX-PO-X62-XD	600 x 1200
RAX-PO-X88-XD	800 x 800
RAX-PO-X81-XD	800 x 1000
RAX-PO-X80-XD	800 x 1100
RAX-PO-X82-XD	800 x 1200

■ Base RAX-PO-Xxx-XD (optional accessory)

Bases XD series have a load capacity of 1800 kg. The bases are delivered dismantled. A second dust filter for replacement of the standard cable opening can be ordered. The base always exactly copies the ground plan of the cabinet regardless of installation of the filter. The bases are standardly supplied in widths of 600 and 800 mm and in depths from 600 to 1200 mm. The height of all bases is 120 mm.



CASTORS WITH REINFORCING FRAME

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 (optional accessory)

Castors with reinforcing frame for RMA/RZA type enclosures. Must be ordered according to the floor plan of the cabinet. **Max. load capacity** when using **RAX-RK-Xxx-X1** is **450 kg** including the weight of the cabinet. The height of the cabinet is increased by 111 mm.

TIP: The base is ready for the installation of stabilizers, which we recommend to be used on cabinets fitted with sliding servers.



■ RAX-MS-X81-X1 (optional accessory)

Direct mounting castors set with max. recommended load capacity*:
- 200 kg for type RMA 600 mm wide,
- 400 kg for type RMA 800 mm wide.
The height of the cabinet is increased by 108 mm.



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.



■ Door for fan units

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



■ Vertical cable management (optional accessory)

Vertical cable management system (optional accessory) (version for 600 mm width) For cabinets with loads of more than 500 kg we recommend installing the vertical cable management system which also acts as a reinforcement.

VERTICAL CABLE MANAGEMENT SYSTEM

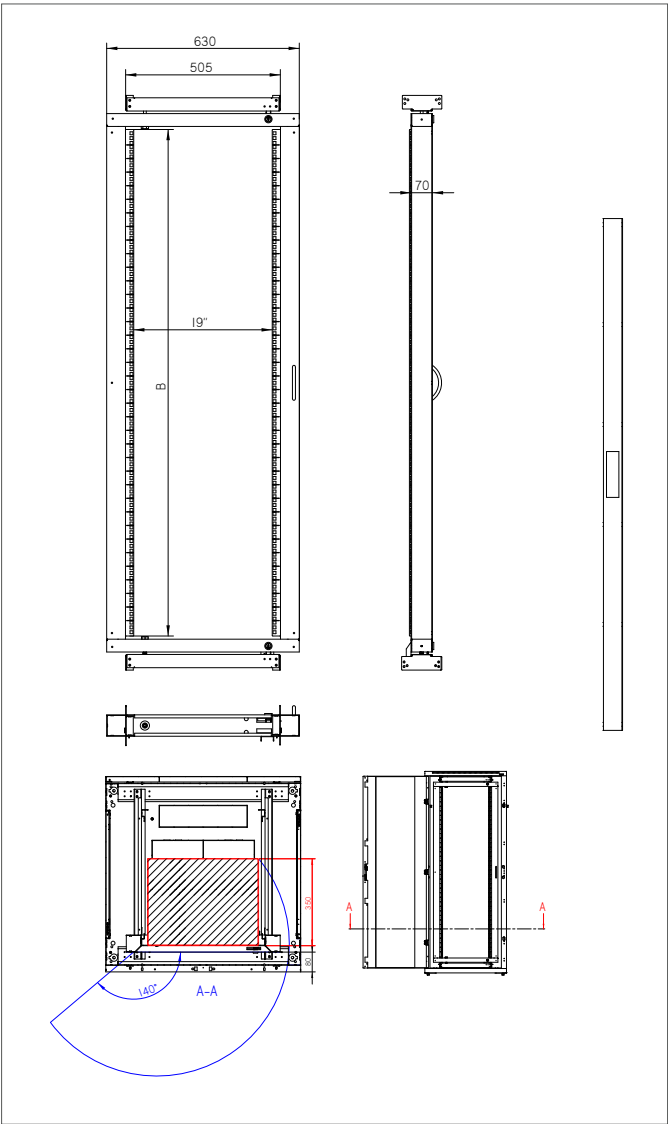
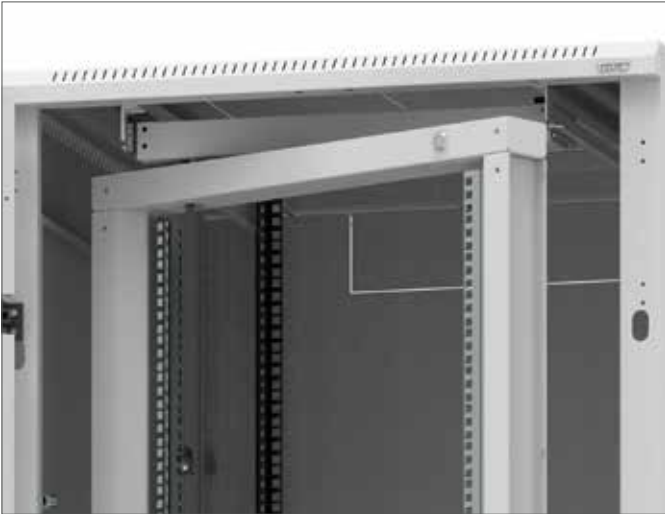
Cabinet depth (mm)	Cabinet width (mm)	
	600	800
600	RAX-VP-X77-X1	RAX-VP-X83-X1
800	RAX-VP-X78-X1	RAX-VP-X84-X1
900	RAX-VP-X79-X1	RAX-VP-X85-X1
1000	RAX-VP-X80-X1	RAX-VP-X86-X1
1100	RAX-VP-X81-X1	RAX-VP-X87-X1
1200	RAX-VP-X82-X1	RAX-VP-X88-X1

Swing frame

■ All 800mm wide Triton 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 150kg. 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 300mm. 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



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. To avoid dust penetration in the cabinet where cables lead through some of the cable openings, it may be sealed with a blanking panel with a brush. The fringe edge serves to protect the cables from damage.

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

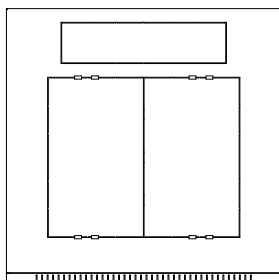
Type	A	B	C	D	E	Weight gross (kg)	Weight net (kg)	Maximum recommended load (with legs or base)
	(mm)							
RMA-15-A61-CAX-N1	770	668	497	600	1000	57,5	46,6	800 kg
RMA-18-A61-CAX-N1	900	798	497	600	1000	62,9	51,9	
RMA-22-A61-CAX-N1	1080	978	497	600	1000	69,9	58,9	
RMA-27-A61-CAX-N1	1300	1198	497	600	1000	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

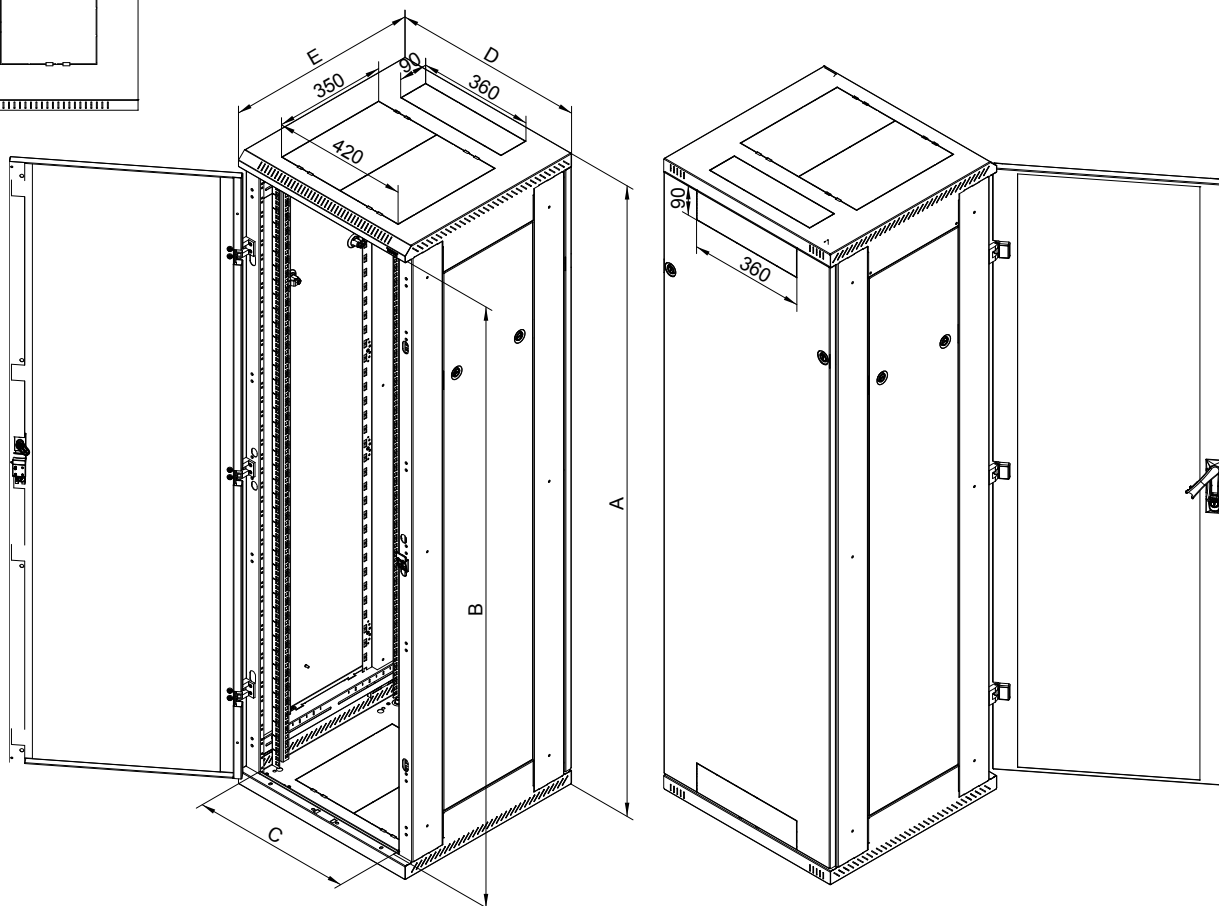
Type	A	B	C	D	E	Weight gross (kg)	Weight net (kg)	Maximum recommended load (with legs or base)
	(mm)							
RMA-15-A60-CAX-N1	770	668	497	600	1100	61,2	49,5	800 kg
RMA-18-A60-CAX-N1	900	798	497	600	1100	66,4	54,7	
RMA-22-A60-CAX-N1	1080	978	497	600	1100	73,8	62,0	
RMA-27-A60-CAX-N1	1300	1198	497	600	1100	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 of a 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

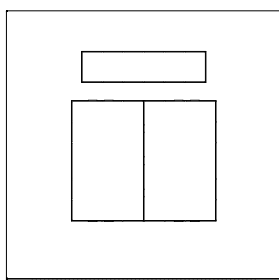
Type	A	B	C	D	E	Weight gross (kg)	Weight net (kg)	Maximum recommended load (with legs or base)
	(mm)							
RMA-15-A81-CAX-N1	770	684	697	800	1000	76,8	63,7	800 kg
RMA-18-A81-CAX-N1	900	814	697	800	1000	82,6	69,4	
RMA-22-A81-CAX-N1	1080	994	697	800	1000	90,2	77,0	
RMA-27-A81-CAX-N1	1300	1214	697	800	1000	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	

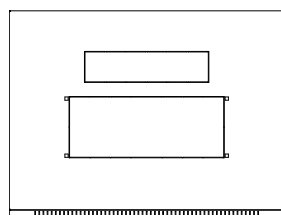
RMA 800 x 1200

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	



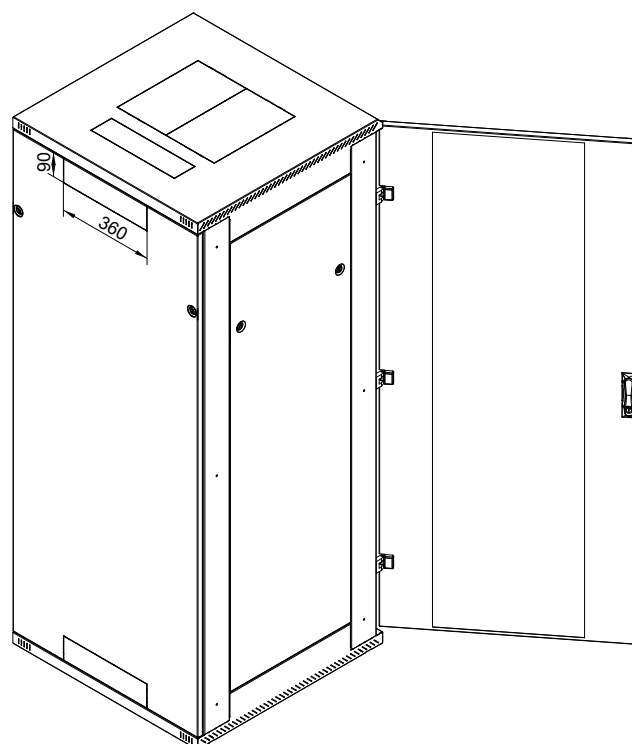
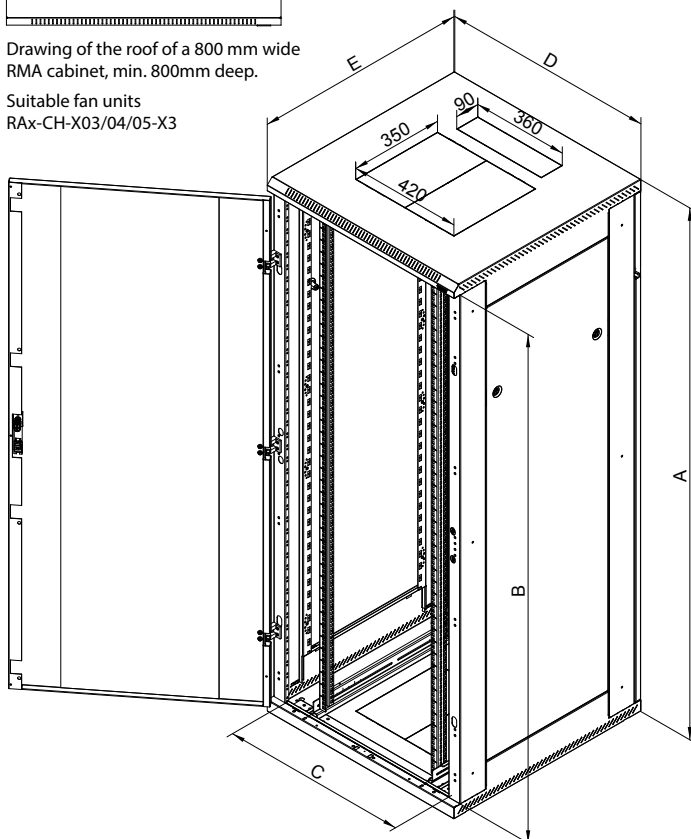
Drawing of the roof of a 800 mm wide RMA cabinet, min. 800mm deep.

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



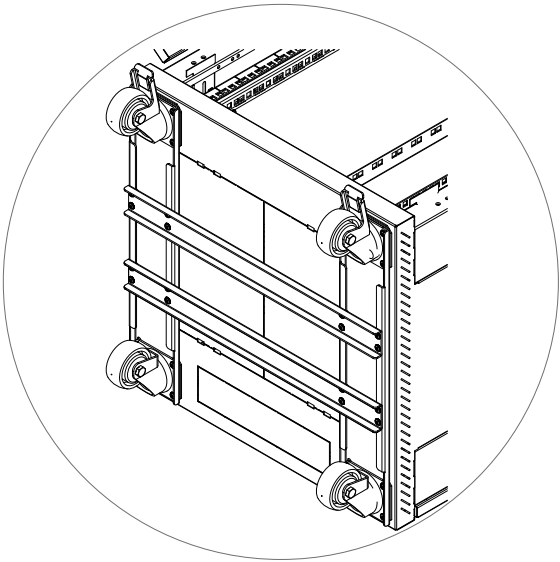
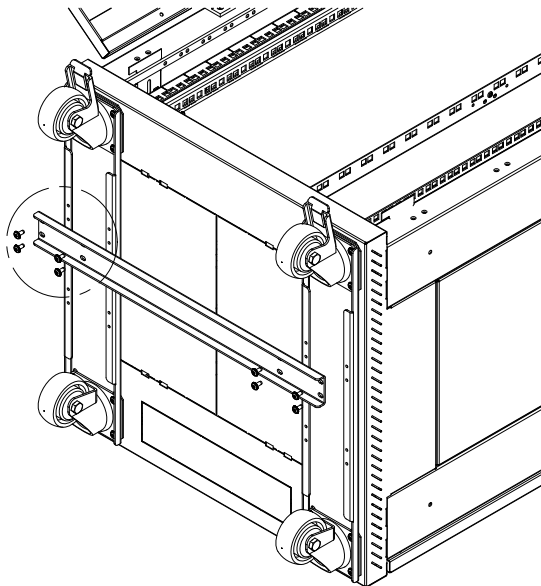
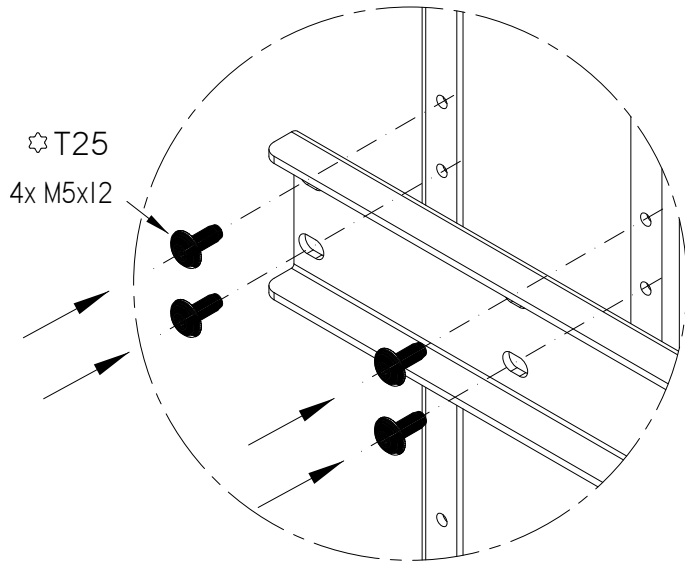
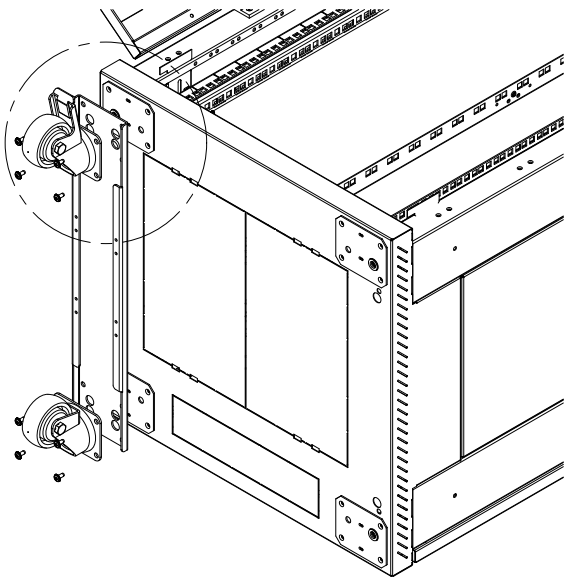
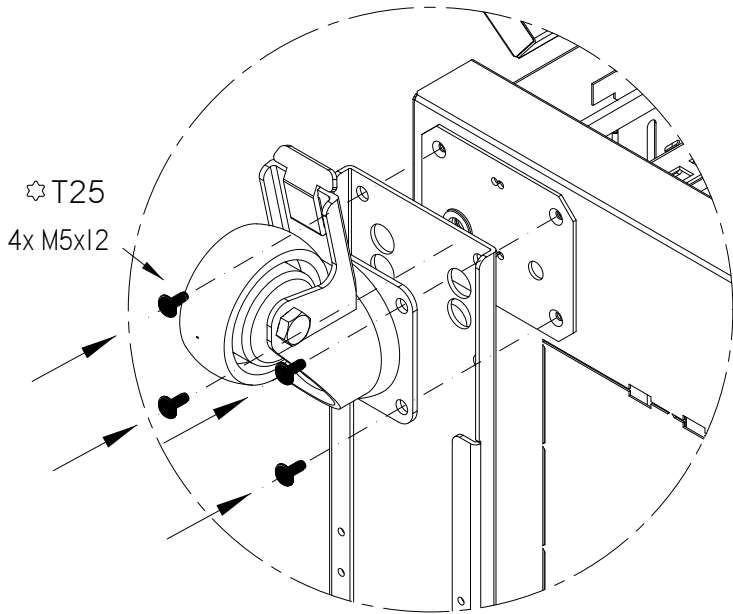
Drawing of the roof of a 800 mm wide RMA cabinet, 600mm deep only.

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



Installation instructions for castors with a reinforcing frame

RMA



RMA free-standing cabinet

Description, purpose of use

- 19" free-standing cabinet with IP20 protection.
- Cabinet includes 4 sliding 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.
- 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.

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 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, the maximum total load capacity must be observed including the weight of the enclosure:
 - 200 kg for type RMA/RZA 600 mm wide,
 - 400 kg for type RMA/RZA 800 mm wide.
 The height of the cabinet is increased by 108 mm.
- When using the RAX-RK-Xxx-X1 castor set with reinforcing frame, the maximum total load capacity is 450 kg including total weight of the rack**. 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.
- When travelling with a loaded cabinet, the relevant standards* must be observed.

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 blanking panel 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 by TÜV SÜD Czech and fully complies with EN 62208 ed.2:2012(EN 62208:2011).

* 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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