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MOUNTING ISTRUCTIONS
V1.0
Code: **RWDA1565-G**
Name: **15U / 19" RACK cabinet, double section, wall mounted, ready to assemble, grey, 600x550**

EN

RWDA1565-G
Edition I of 2024-08-30

CE | REACH compliance confirmed by THETA | UK CA | IP20 | ⌂

DESTINATION

RACK 19" cabinet enables integrating CCTV, AC, I&HAS, RTV, LAN, or other systems in small companies or households. It is intended for devices manufactured in enclosures of 19" standard. Due to RACK cabinets, devices are aesthetically mounted and protected against mechanical damage.

TECHNICAL DATA

Mechanical parameters:

Mounting dimensions:	19" x 15U
Dimensions:	600 x 769 x 550 [mm, +/-2] front/rear section – 450/100mm
Material:	cold-rolled steel SPCC, 0.8mm, 1mm, 1.2mm, 1.5mm, RAL7035 (grey), metallic RACK mounting rails - 1,5mm wall mounting panel - 1.2mm frame - 1,0mm top and bottom panel - 1,2mm side panels – 0,8mm front door - 1,0mm / 4mm toughened glass
Static load:	60 [kg]
Closing:	front door – lock (RAZ-G2, same code) rear door – lock (RAZ-DG, same code) side panel – Click (lock assembly possible – RAZB16)
Destination:	indoor
Type Cabinets:	wall mounted ready-to-assemble – two-section
Notes:	adjustable distance between front and rear RACK rails ventilation holes in the top panel (2 x 105x105mm - mounting dimensions) cable ducts in the top and bottom panel changeable door – right or left possibility to configure left-right tilting of the cabinet
Warranty:	2 years
Declaration:	CE

Operating parameters:

Protection grade EN60529:	IP 20
Operating conditions:	-10°C … +40°C
Storage temperature:	-20°C … +60°C
Relative humidity:	20% … 90% , without condensation
Sinusoidal vibrations during operation:	unacceptable
Impulse waves during operation:	unacceptable
Direct insolation:	unacceptable
Vibrations and impulse waves during transport:	PN-83/T-42106
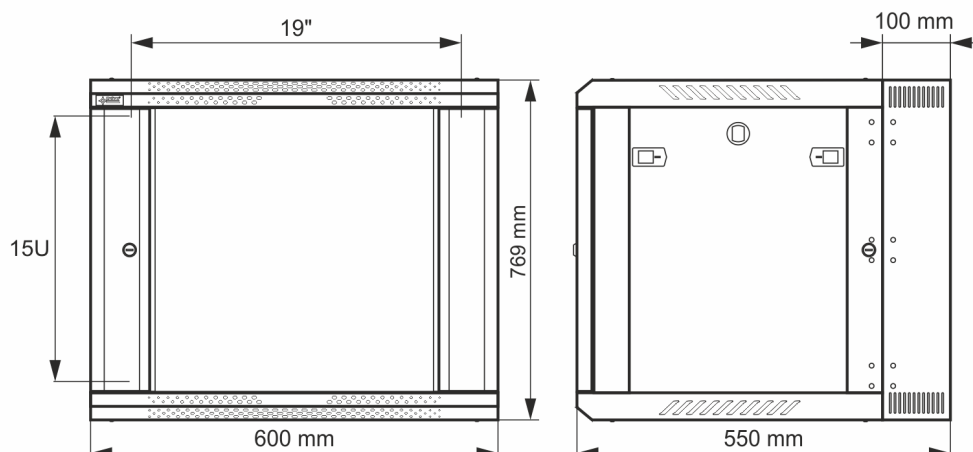
Structure of the cabinet
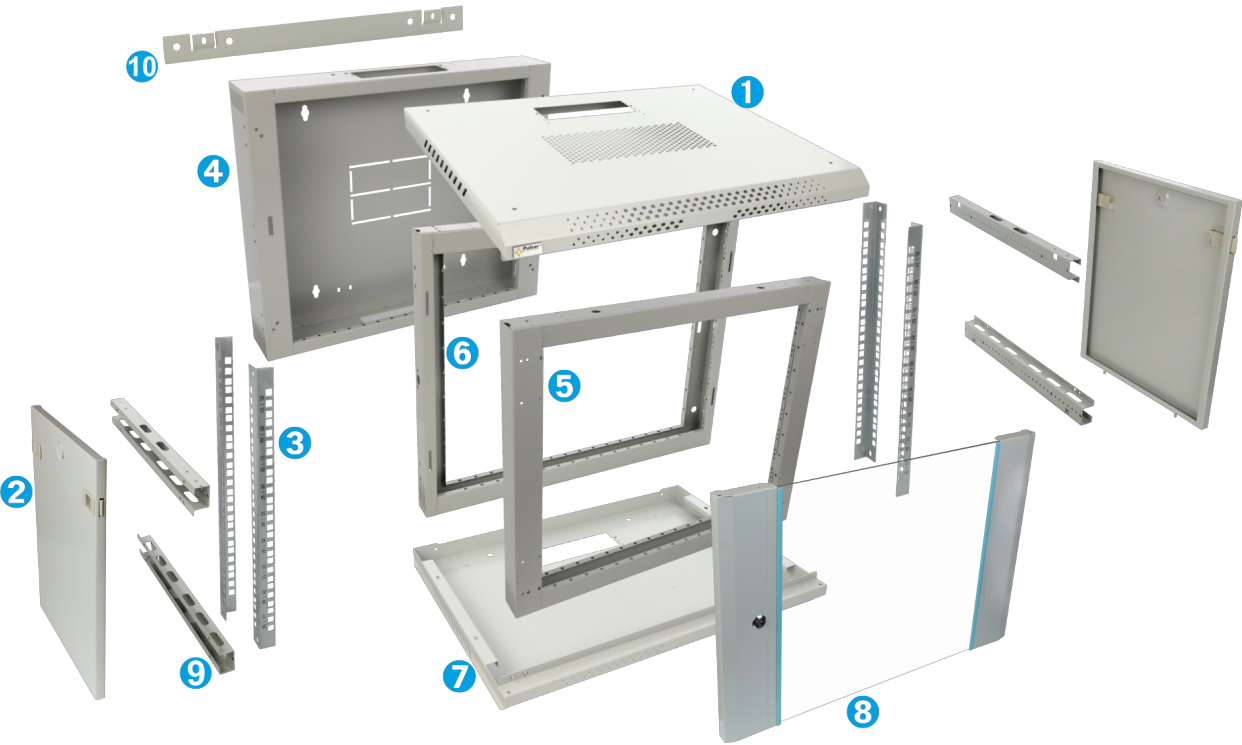
Components

No.	Component	Amount	Picture	No.	Component	Amount	Picture
1	Top panel	1 pc.		10	Mounting plate	1 pc.	
2	Side panels	2 pcs.		11	Cable entrance cover	4 pcs.	
3	RACK profiles 19"	4 pcs.		12	Hinge Pin	1 pc.	
4	Wall mounting panel	1 pc.		13	Lock - front	1 pc.	
5	Frame - front	1 pc.		14	Lock - back	1 pc.	
6	Frame - back	1 pc.		15	Screws	56 pcs.	
7	Bottom panel	1 pc.		16	Screws (hinges)	12 pcs.	
8	Front door	1 pc.		17	Hinges	3 pcs.	
9	Mounting profiles	4 pcs.		18	Swing panel pin	2 pcs.	

Assembling the RACK Cabinet

The first step in assembling the RWDA cabinet is the correct installation of the rear lock and hinges on the rear frame of the cabinet.
Place the rear frame of the cabinet on the wall panel and install the lock along with two guiding pins.
Next, attach the hinges by screwing them to only one part - the frame of the cabinet.
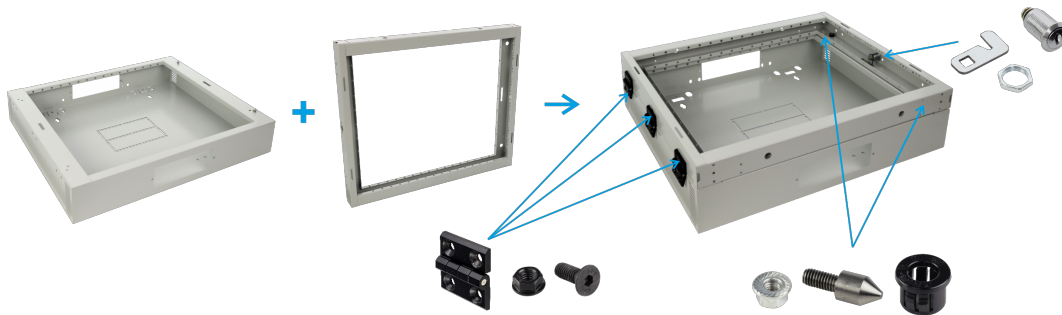

Next, fasten together the mounting profiles and RACK profiles.
Pay special attention to three elements:
- the distance between the RACK profiles, as well as their distance from the front doors
- the tightening force between the RACK and mounting profiles - 80-90%
- the use of appropriate mounting holes in the RACK profiles.
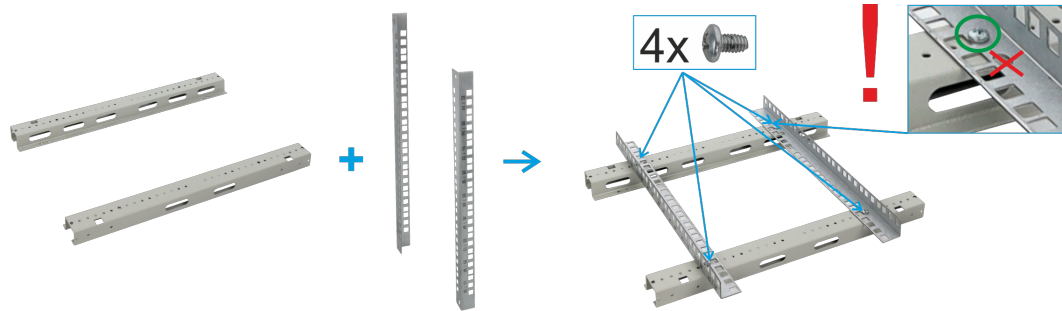
Note - the distances between the RACK profiles can be adjusted stepwise, front to back, according to the diagram below.
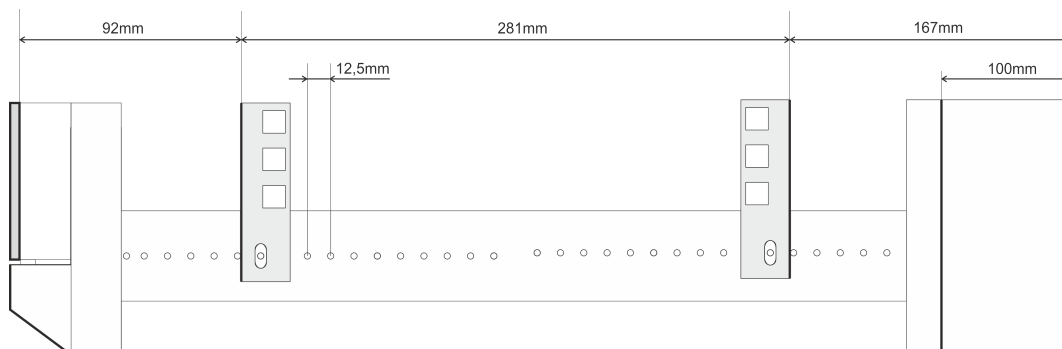
The next step is to connect the assembled profiles together with the cabinet frames.
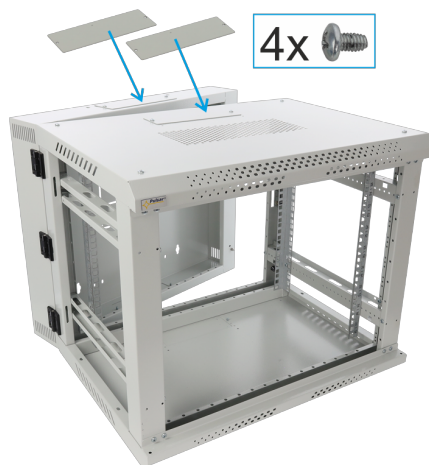
In the following step, attach the bottom and top panels of the RACK cabinet to the assembled elements.

4x

2x
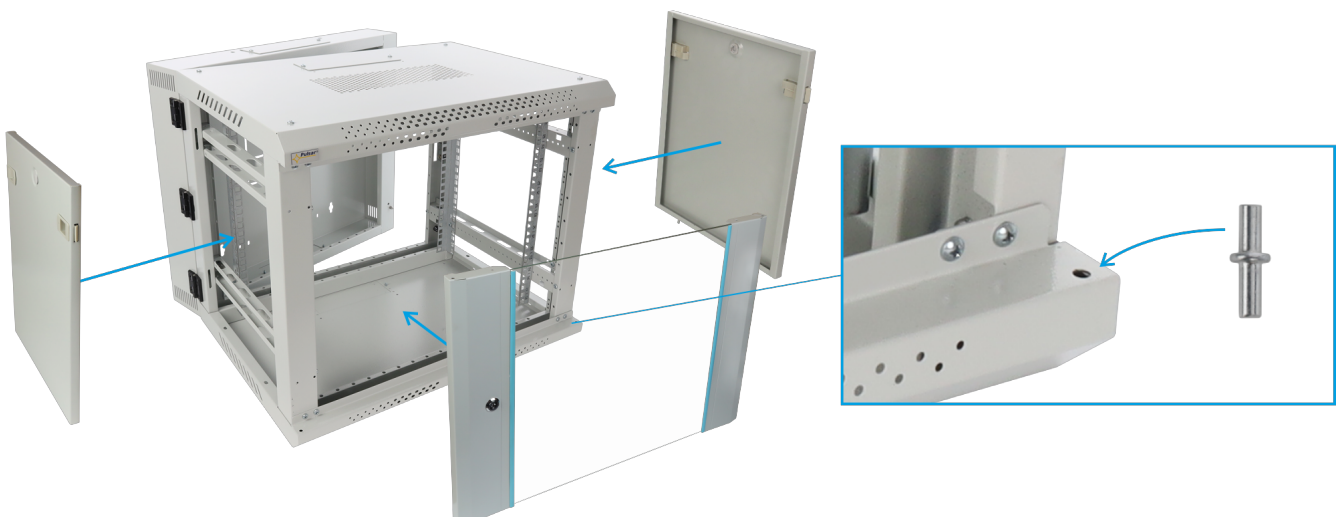2x
2x
2x
2x
2x
2x
2x
2x
2x

4x
8x
4x
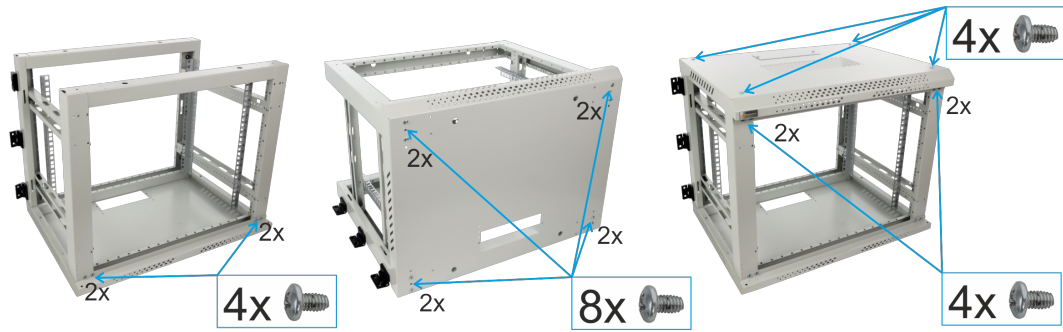
Connect the wall panel with the front part of the RACK cabinet.
Screw the hinges to the wall panel.
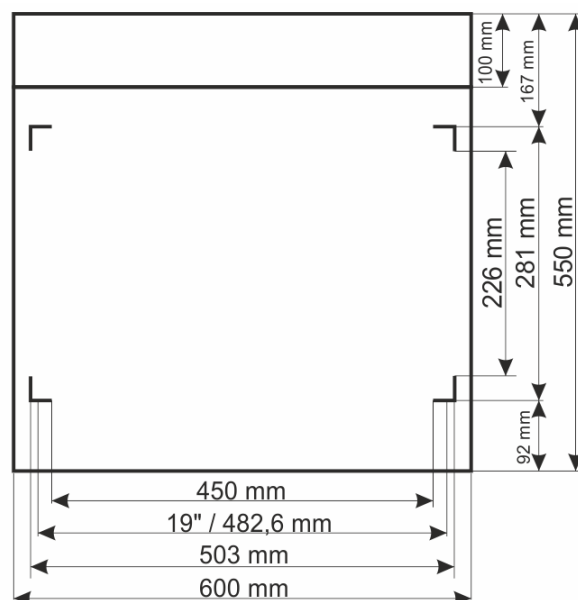Install the cover plates at the bottom of the cabinet.

2x

6x
4x

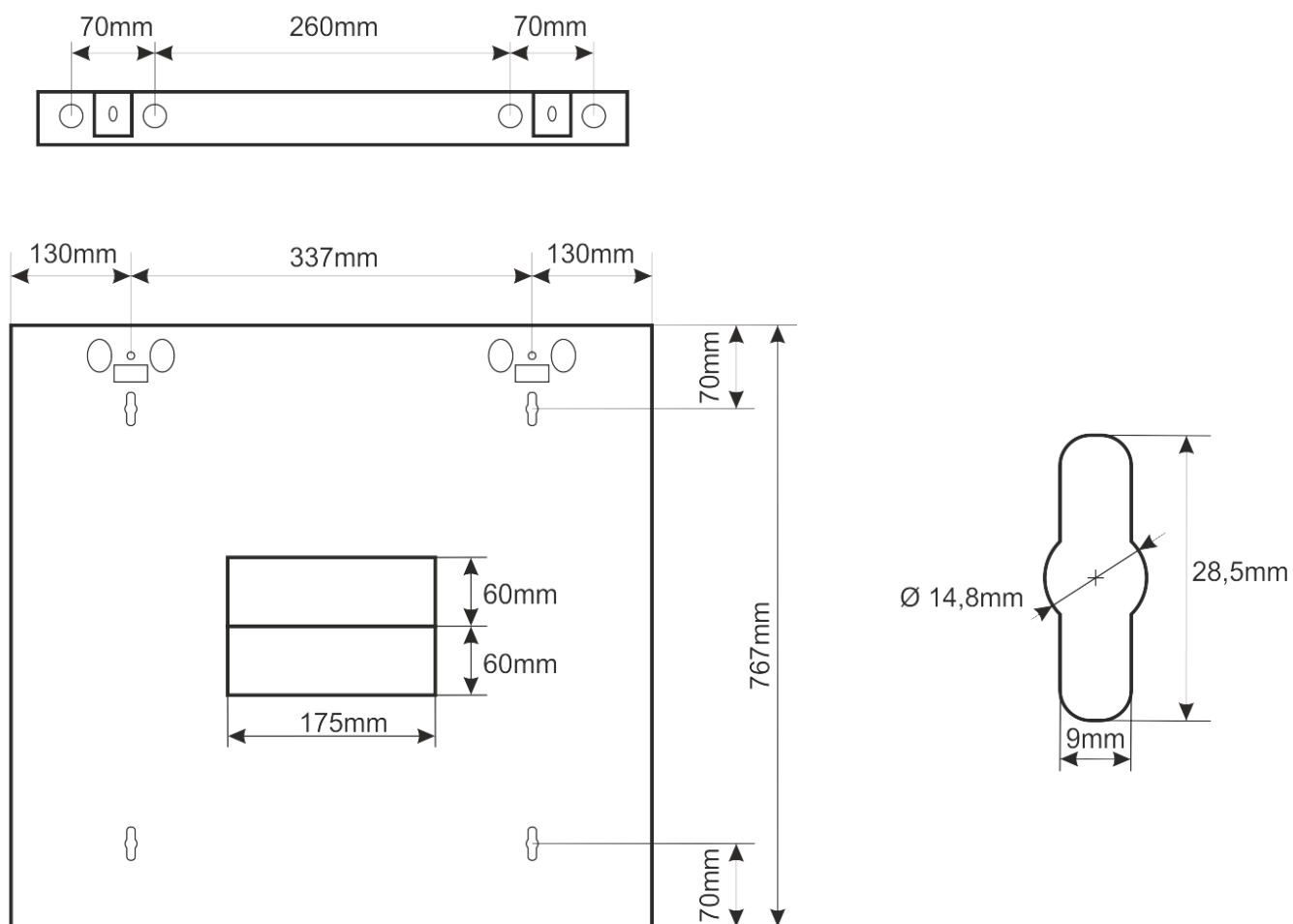Stand the cabinet upright and install the top cover plates.

4x

Install the side and front doors.

100 mm

167 mm

226 mm

281 mm

550 mm

92 mm

450 mm

19" / 482,6 mm

503 mm

600 mm

Mounting the RACK Cabinet
Choose the appropriate mounting dowels depending on the type of surface.