



RDE

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



■ Protection against dust and humidity IP54

All the doors and covers are equipped with a sealing that ensures protection against dust penetration 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 Triton 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 Triton 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

Wider rails in the body of a cabinet are intended for an additional installation of 19" power management panels 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

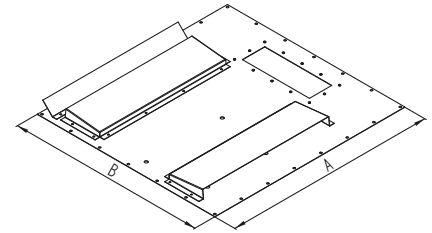
The RDA data cabinet has a reinforced construction and it is made of thicker material. Also 19" vertical rails are designed for a higher loading capacity. A version with depth over 800 mm has a central pair of vertical rails as a standard solution.



A/C units

It is possible to install the roof A/C unit model ETE on the RDE data cabinet to manage the temperature inside of the cabinet. For such installation a special adapter is required. Adapter must correspond with an A/C unit type and also with requested air flow direction (along side panels or front/rear). A proper A/C unit must be selected by following information about thermal heat output of installed equipment, surrounding temperature with respect to humidity inside of the data cabinet. Our specialists are at your disposal. When A/C unit is installed, the inner space of cabinet remains IP54, however total assembly IP rating lowers to IP20 (due external fan unit exhaust etc.).

Also is possible to use fan unit with special adapter and cover. IP rating will lower in this case accordingly.



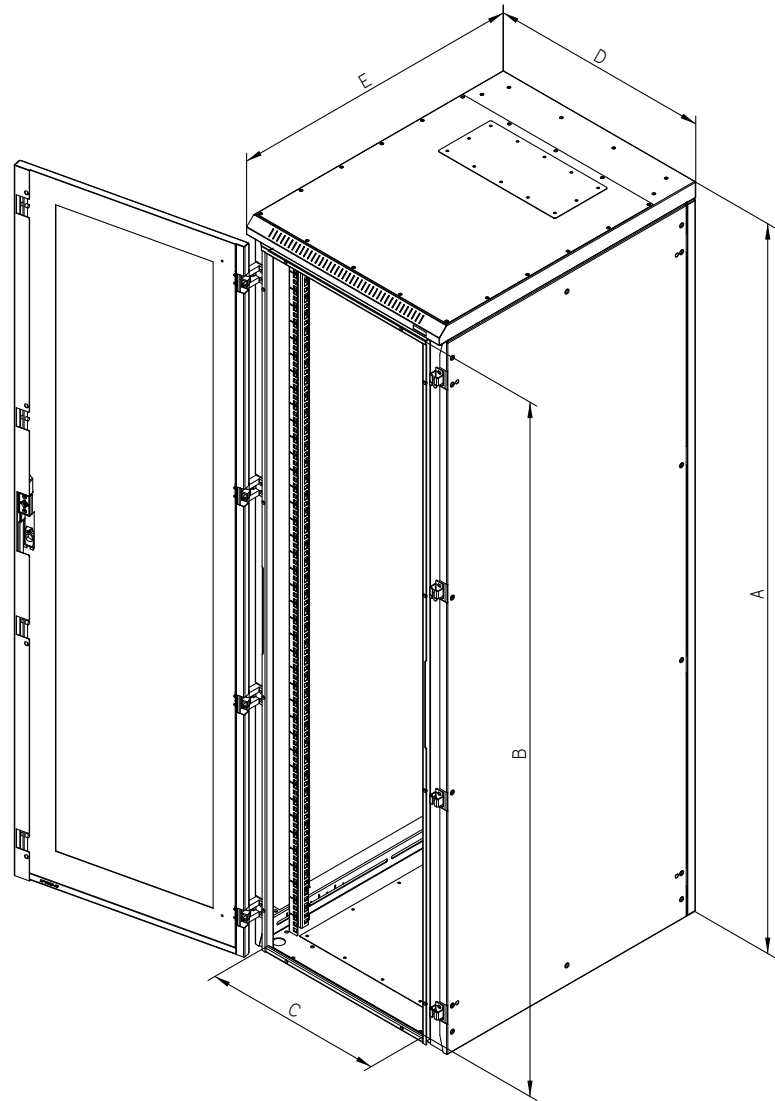
RAX-RV-X88-Z6



RAX-PB-X01-X1

Cable entries

All cable entries must be properly sealed especially against the dust and humidity, which could in air-conditioned 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.



RDE								
Type	A	B	C	D	E	Weight gross (kg)	Weight net (kg)	Maximum recommended load (kg)
	(mm)							
RDE-42-A68-CCX-A1	1970	1868	487	600	800	127,0	118,7	1800
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-42-A88-CCX-A1	1970	1868	687	800	800	157,0	147,4	1800
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	

Server cabinet RDE

Description, purpose of use

- 19" free-standing cabinet with IP54 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 fixed by screws
 - Single or double doors sealed by foam gasket in all metal versions or glazed with safety tempered glass 4 mm. They can be on the front or back of the cabinet. To achieve needed protection the doors with 4-point locking system are standard for this model.
- Max. permissible load of the door is 20 kg.
- Min. thickness of the surface finish is 65 µm.
- These 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 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 to connect the bonding.
- Cable openings placed in the top and bottom part of the cabinet are secured by dismountable blanking panels.

Operating conditions

- Operating environment:
 - Industrial, 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)
- 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)
 - Installing devices which may negatively influence the operation and function of the cabinet or the installed equipment.
 - Change of the construction or design of the cabinet

Installation of the cabinet

- To ensure the maximum recommended load, it is necessary to distribute the load equally.
- Place the cabinet on a flat 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 must be sealed with a blanking panel with a special blanking panel with cable grommets (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.