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.
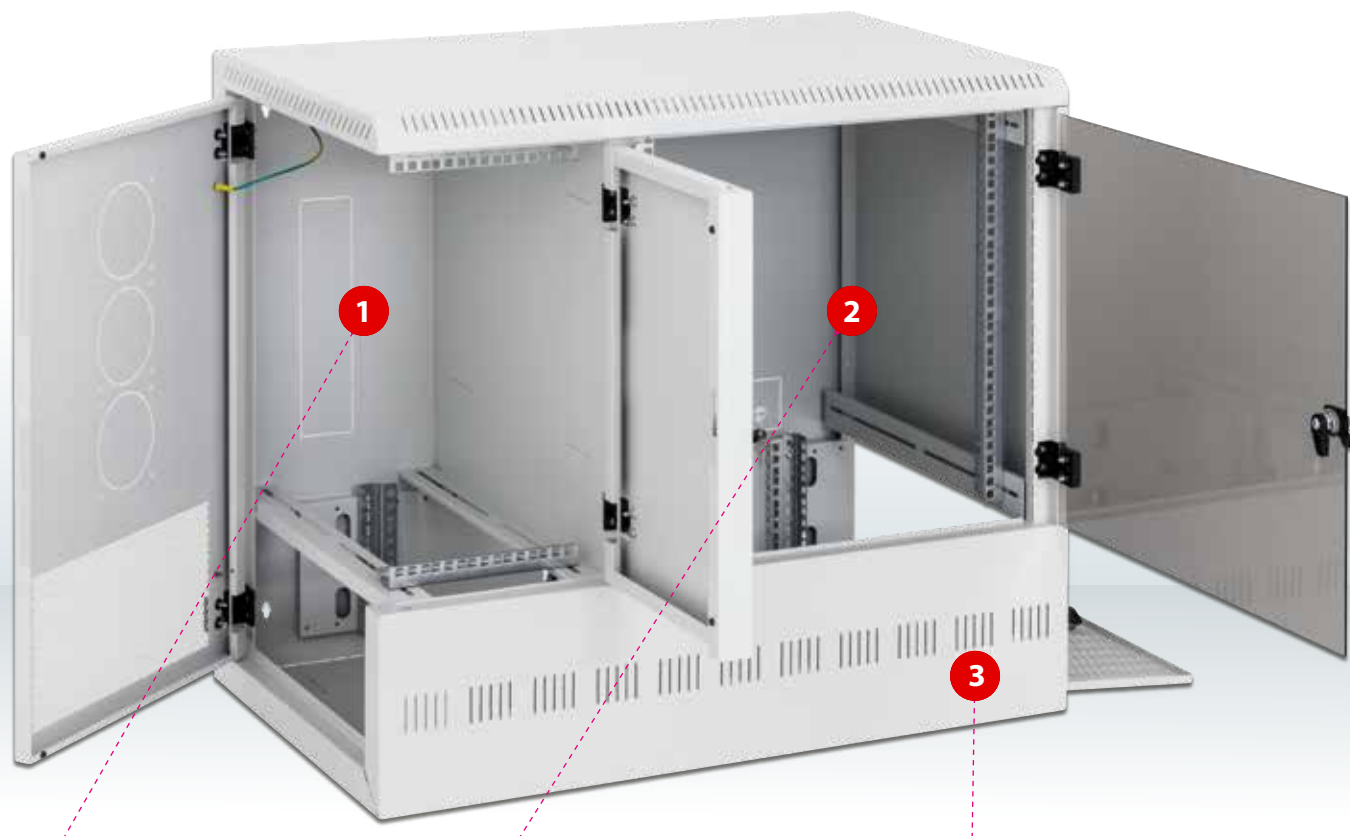

■ **Flexible door opening**
The hinge system allows the door to open at an angle of 165°.

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

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.

2nd 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).

3rd 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.
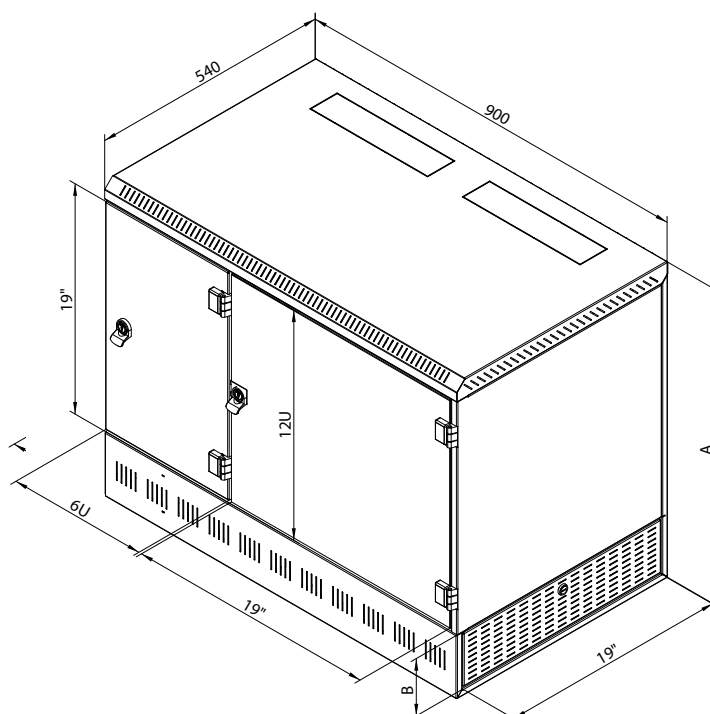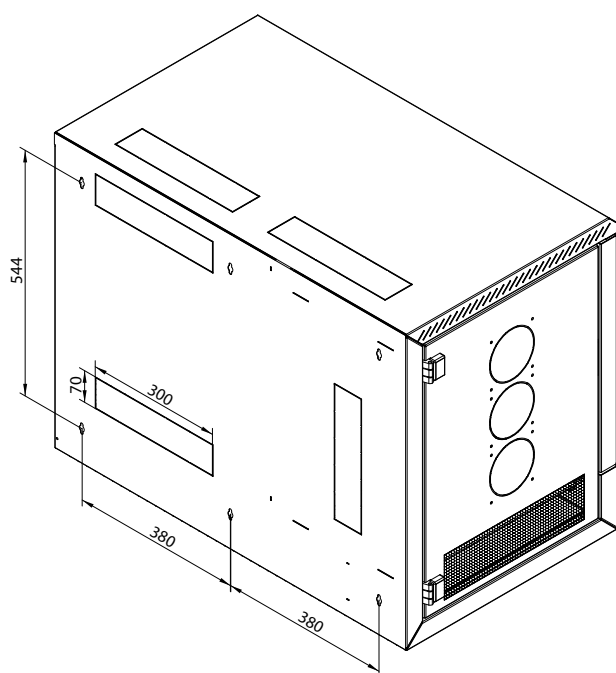

■ Cooling of installed equipment
Cooling by natural air flow through perforation of the frame and side door can be supported by installation of fans for wall-mounted cabinets (RAX-CH-X07-X9 see Active Cooling).

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

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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).