RIE

Welded cabinet with removable covers, prepared for the installation of independent air-conditioning units, IP54, capacity 400 kg
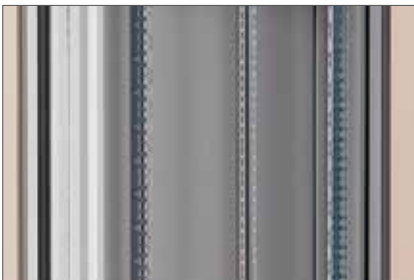
■ Cable inputs

Wiring inputs in the upper and lower parts are 300 x 100 mm in size and are sealed by blanks. Included with the cabinet is one multiple wire bushing with high protection coverage.

■ 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 all major manufacturers including electronic and coded.

■ Adjustable vertical rails

For cabinets deeper than 800 mm, the 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 connected. There is M8 screw to connect the earthing at the bottom back. Marks for setting the vertical rails on sliding rails simplify the installation.
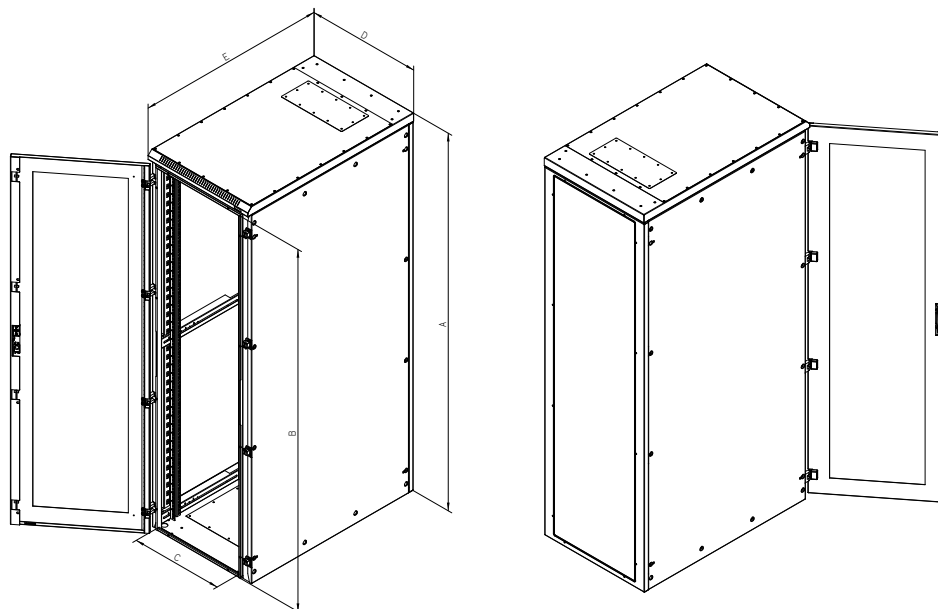
■ Ceiling blanks

Large ceiling blanking panel allow (when replaced by apropriate adapter) installation of air-conditioning 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.

RIE

RIE 600 x 600

Type	A	B	C	D	E	Weight gross (kg)	Weight net (kg)	Maximum recommended load (kg)
			(mm)					
RIE-27-A66-CCX-A1	1300	1130	487	600	600	73,4	68,0	
RIE-32-A66-CCX-A1	1525	1355	487	600	600	81,2	75,8	
RIE-37-A66-CCX-A1	1750	1580	487	600	600	89,4	83,8	400
RIE-42-A66-CCX-A1	1970	1800	487	600	600	101,4	95,8	

RIE 600 x 800

Type	A	B	C	D	E	Weight gross (kg)	Weight net (kg)	Maximum recommended load (kg)
			(mm)					
RIE-27-A68-CCX-A1	1300	1130	487	600	800	84,6	78,9	
RIE-32-A68-CCX-A1	1525	1355	487	600	800	93,2	87,5	
RIE-37-A68-CCX-A1	1750	1580	487	600	800	96,3	90,4	400
RIE-42-A68-CCX-A1	1970	1800	487	600	800	110,6	104,7	

RIE 600 x 1000

Type	A	B	C	D	E	Weight gross (kg)	Weight net (kg)	Maximum recommended load (kg)
			(mm)					
RIE-27-A61-CCX-A1	1300	1130	487	600	1000	97,5	91,5	
RIE-32-A61-CCX-A1	1525	1355	487	600	1000	107,1	101,1	
RIE-37-A61-CCX-A1	1750	1580	487	600	1000	117,1	110,9	400
RIE-42-A61-CCX-A1	1970	1800	487	600	1000	126,7	120,5	

RIE 800 x 800

Type	A	B	C	D	E	Weight gross (kg)	Weight net (kg)	Maximum recommended load (kg)
			(mm)					
RIE-27-A88-CCX-A1	1300	1130	687	800	800	101,5	94,9	
RIE-32-A88-CCX-A1	1525	1355	687	800	800	110,9	104,3	
RIE-37-A88-CCX-A1	1750	1580	687	800	800	120,7	113,9	400
RIE-42-A88-CCX-A1	1970	1800	687	800	800	130,2	123,2	

RIE 800 x 1000

Type	A	B	C	D	E	Weight gross (kg)	Weight net (kg)	Maximum recommended load (kg)
			(mm)					
RIE-27-A81-CCX-A1	1300	1130	687	800	1000	116,2	108,8	
RIE-32-A81-CCX-A1	1525	1355	687	800	1000	126,7	119,3	
RIE-37-A81-CCX-A1	1750	1580	687	800	1000	137,6	129,9	400
RIE-42-A81-CCX-A1	1970	1800	687	800	1000	148,2	140,4	

RIE free-standing cabinet

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 door 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.