

MI_2311: Conductivity sensor chemical storage – removal and installation

 iCombi Pro Electric/Gas
6-1/1-10-2/1

 60 min

 Standard

 22/05/2023

Topics

The information describes the removal and installation of the conductivity sensor on the chemical storage.

Affected product/accessories

- iCombi Pro Electric / gas
- 6-1/1
 - 6-2/1
 - 10-1/1
 - 10-2/1

Required tool

- Standard

Required components

Component	Article number
Conductivity sensor	40.07.041P

General information

NOTICE

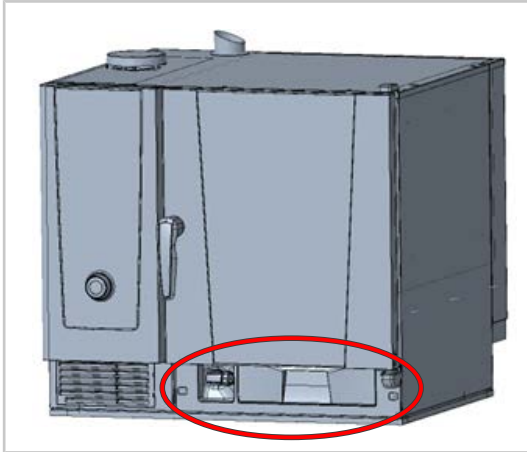
Enter the installation of the component on the service level ("Component replacement" tab). This is an integral part of the maintenance history.

Target group

- This document is intended for skilled technicians, who have been certified by the manufacturer after attending training and safety instructions.
- Installation, inspection, maintenance, and repair work must only be carried out by trained technicians.
- It is recommended that only technicians authorised by the manufacturer perform inspection, maintenance and repair work.
- The unit may not be used, cleaned, or maintained by children. The unit may not be used for play. This is prohibited even under supervision.

- The unit may not be used, cleaned, or maintained by people with limited physical, sensory, or mental capacity or those without the necessary experience or knowledge, unless such people are supervised by a person who is responsible for their safety and who has been informed of the hazards of the unit.
- In order to prevent accidents or damage, the manufacturer recommends that technicians attend training and safety instructions.

Installation position



Safety instructions

DANGER

High voltages when connecting to the mains power

Danger to life due to high voltage.

- Disconnect from the power supply.
- Make sure the unit is disconnected from the power.

CAUTION

Sharp edges on the housing

Risk of cuts on the housing when working in the electrical compartment.
Wear protective gloves.

CAUTION

Risk of injury from chip formation, splinters and flying sparks during metal work

Chips, splinters and sparks can form during metal work.

- Wear protective clothing of the appropriate protection class, for example safety goggles, gloves etc.
- Clean the work area to remove any chips and splinters.

 CAUTION**Risk of crushing when positioning the unit**

Fingers, hands and feet could be crushed beneath the unit.

- Wear appropriate protective clothing when positioning the unit.
- Only lift the unit at the intended lifting points.

 CAUTION**High risk of personal injury and material damage**

The following modification process is very demanding. There is a high risk of personal injury and material damage.

- Wear safety clothing and equipment.

 WARNING**Risk of chemical burns due to cleaning chemicals**

There is a risk of chemical burns from conscious and unconscious contact with cleaning chemicals.

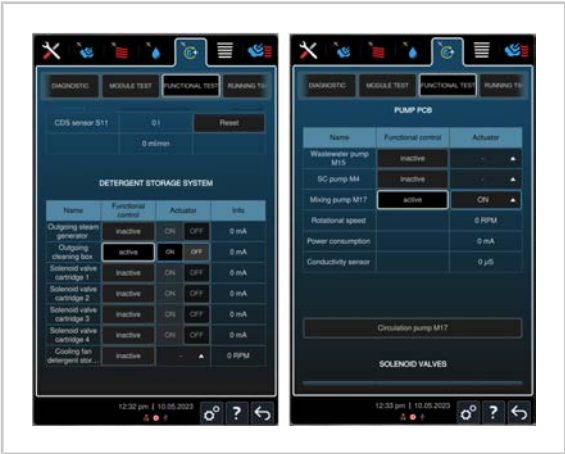
- During installation and maintenance, wear tight-fitting safety glasses and chemical protective gloves that will allow you to handle cleaning products safely.

NOTICE**Observe regional and country-specific safety and testing regulations**

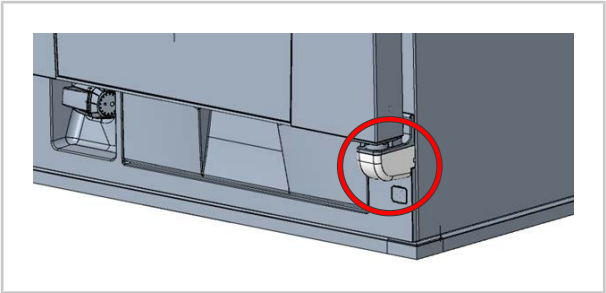
The relevant regional, country-specific safety and testing regulations apply to all work on RATIONAL units. These regulations may vary by region and are country-specific and are therefore not listed separately in this document. The technician is responsible for complying with these regulations.

Work steps – removal of the conductivity sensor

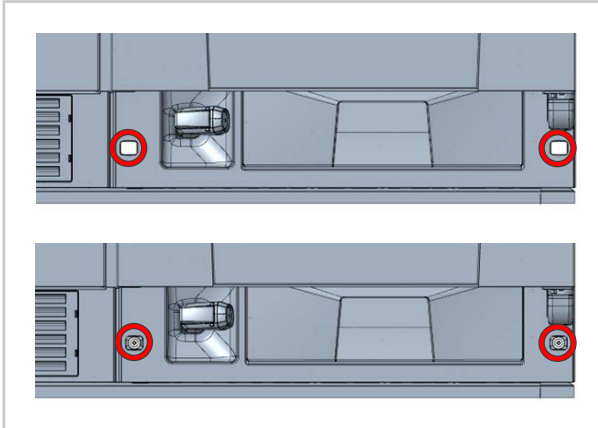
- 1. Empty the chemical storage in the service level under "Cleaning" > "Function test".
NOTE: There may still be water residues in water-carrying components.



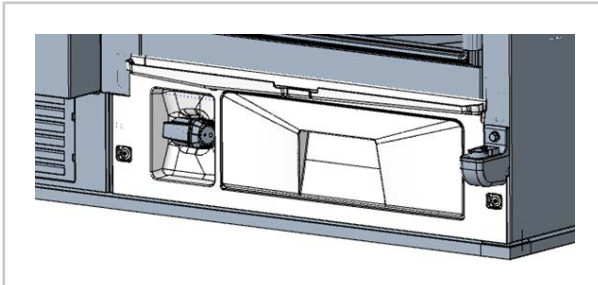
- 2. Turn off the unit. Make sure the unit is disconnected from the power.
- 3. Pull off the door retaining bracket cover to the front.
NOTE: On a left hinged unit, remove two covers.



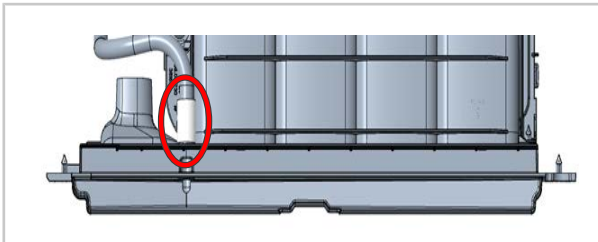
4. Remove the two covers and expanding rivets with a small screwdriver.



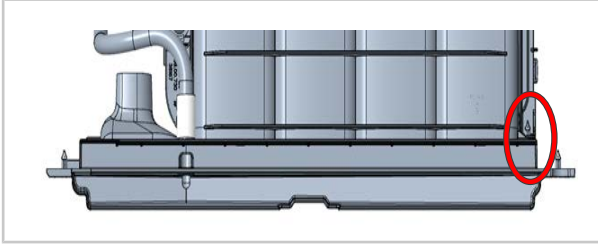
5. Uninstall the plinth panel.
- The door must be open for this.
 - Pull out the hand shower slightly.
 - Simultaneously slide the plinth panel upwards until the plinth panel can be swung out on the lower edge.
 - Remove the plinth panel.



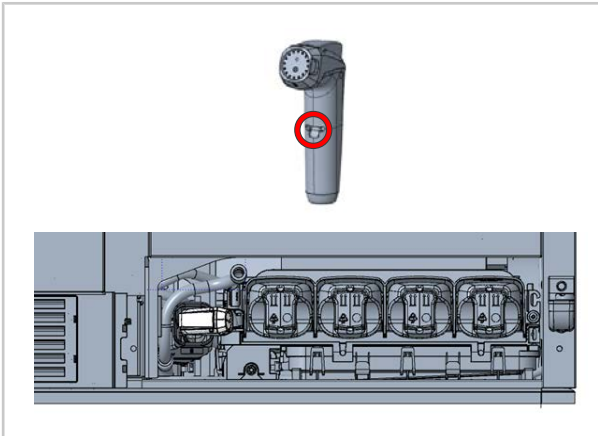
6. Pull the drain hose off the plinth panel.



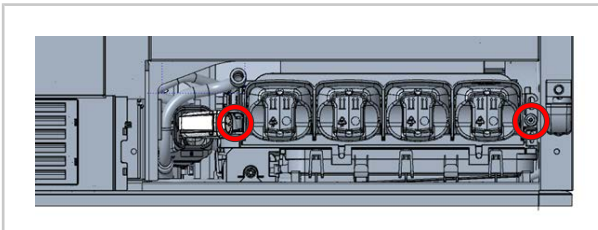
7. Disconnect the flap switch.



8. Carefully remove the hand shower from the hose.
- Loosen the clamp with a small flat-blade screwdriver.
 - Hold the hose firmly so that it cannot be pulled in.
 - Carefully thread the hose out of the plinth panel.
 - Reattach the hand shower to the hose and secure it with the clip.



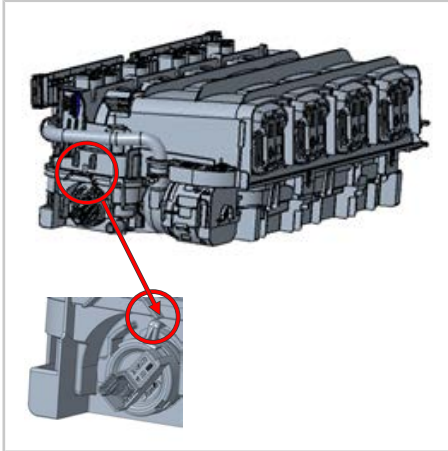
9. Loosen the expanding rivets and remove the cartridge cover.



10. Lift the chemical storage slightly and pull it out.
NOTE: Take care not to damage any hoses or cables.
11. Disconnect the plug on the conductivity sensor.

12. Loosen the anti-twist lock and turn the conductivity sensor anticlockwise to remove it.

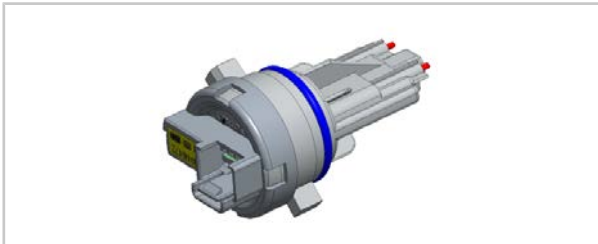
NOTE: There is still residual water in the chemical storage.



>> The removal is complete.

Work steps – installing the conductivity sensor

1. To install, proceed in reverse order.
NOTE: Make sure that no hoses or cables are trapped.
2. Make sure the fit of the conductivity sensor seal is correct.



>> The installation is complete.

