

MI_2512:

Modification instructions drain pump incl. activation electronics floor units

 SelfCookingCenter / CombiMaster Plus

 60 min.

 Standard

 12/09/2025

Topic

This instruction manual describes the modification and replacement of the drain pump for floor units from the SelfCookingCenter and CombiMaster Plus series (Index: E, G, H and I).

- Affected product/accessories**
- SelfCookingCenter and CombiMaster Plus electric units & gas units
- 20-1/1
 - 20-2/1

- Required tool**
- Standard

Affected components

Component	Article number kit
Drain pump	87.01.954S

①



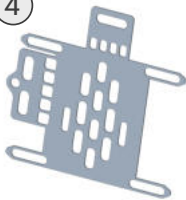
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③



④



	Component	Article number
1	Drain pump	56.01.949
2	Activation electronics	40.07.630
3	Drain pump holder	56.02.049
4	Activation electronics holder	56.01.849

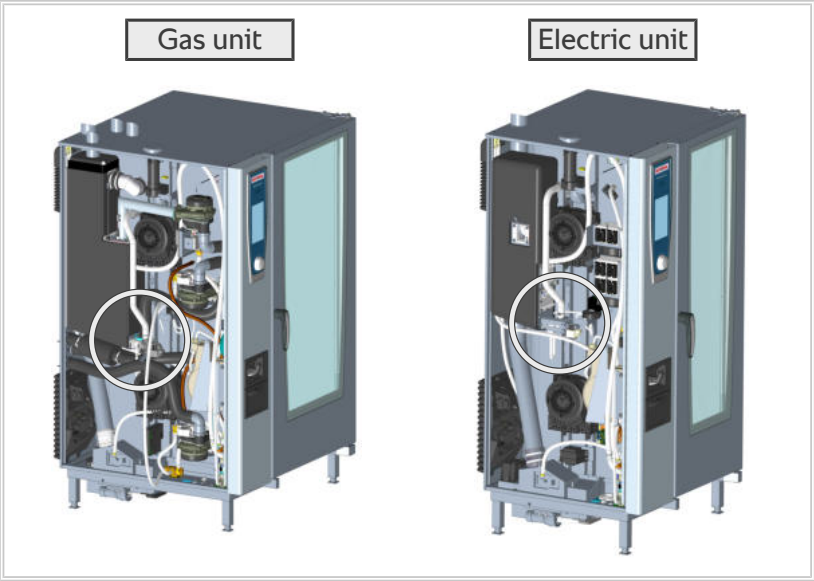
General information

Target group

Installation, inspection, maintenance and repair work must only be carried out by trained technicians and technicians authorised by the manufacturer. In order to prevent accidents or damage, the manufacturer recommends that technicians attend training and safety instructions.

NOTICE! You can find more information in the installation manual.

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.
- Secure against unintentional switching on.
- Make sure the unit is disconnected from the power.

 CAUTION**Sharp-edged components**

There is a risk of cuts when working on sharp-edged components.

- Wear protective gloves when working with sharp-edged components.

 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**Risk of injury from remaining liquid in pumps**

Small amounts of liquid may remain in pumps. These liquid remains may contain cleaning agent residues.

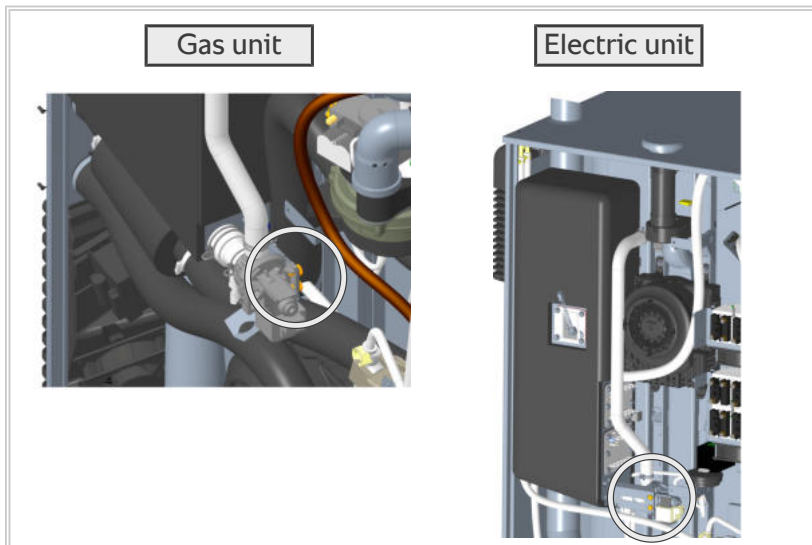
- Wear the appropriate protective clothing, gloves, protective mask and safety goggles.
- In the event of contact with skin, wash the affected area with sufficient clear water.

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

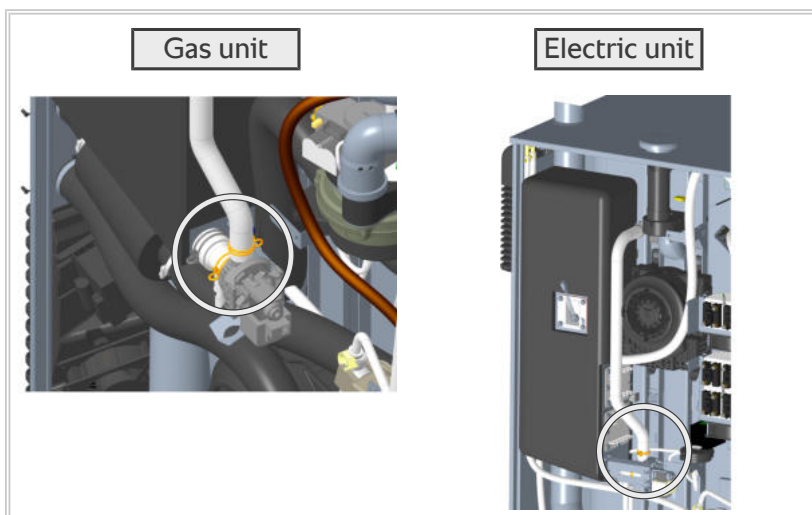
The relevant regional, country-specific safety and testing regulations apply to all work on RATIONAL units. These regulations may vary by region and are country-specific and are therefore not listed separately in this document. The technician is responsible for complying with these regulations.

Work steps - Drain pump removal

- ✓ The unit is disconnected from the power.
- ✓ The left side panel is open.
- 1. Drain the steam generator using the draining hose.
- 2. Disconnect the connections on the drain pump.
- 3. Loosen the drain pump from the pump bracket.



- 4. Loosen the hose clamps and pull off the drain pump.

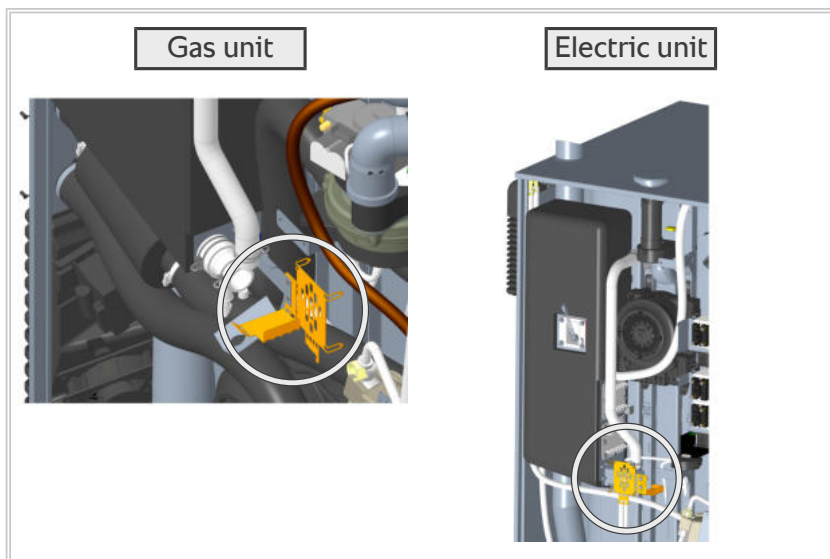


- > The removal of the drain pump is complete.

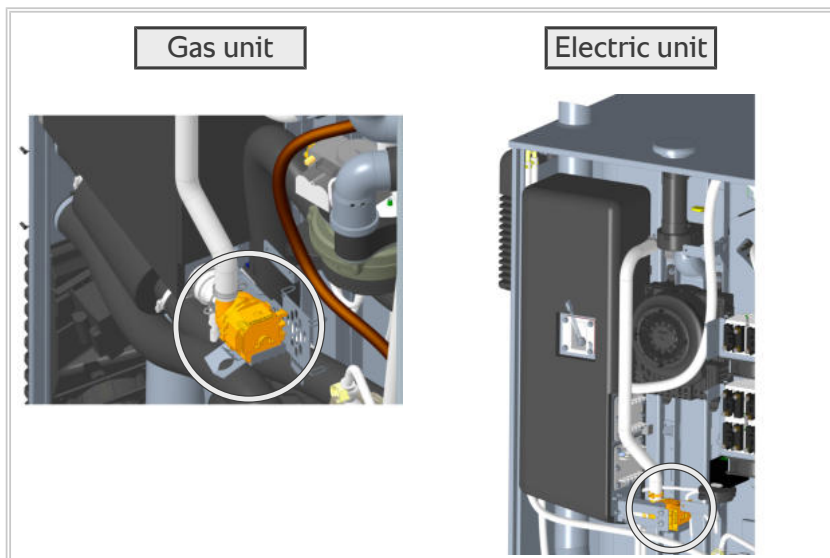
Work steps - Drain pump installation

1. Screw on the drain pump holder and the activation electronics holder.

Notice: Bend the drain pump holder into position so that the drain pump is supported.



2. Connect the new drain pump to the pump connection piece and the drain hose.



Connect all 3 cables to the control board.

Notice: All cables are poka yoke. The DIP switches must be set for each specific unit.

- (J6) Power supply control board
- (J4/J5) Connection plug from the cable trunk (if there is no plug, please note L1, N and PE)
- (J2) Connection drain pump and control board
- Observe the switch positions (SW1) specified in the table

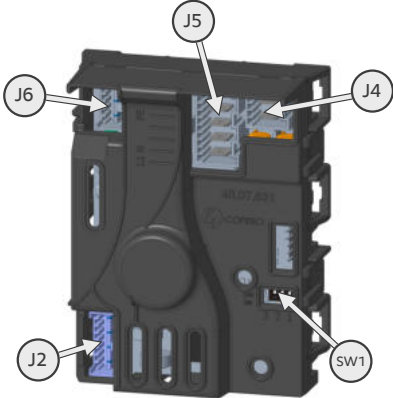
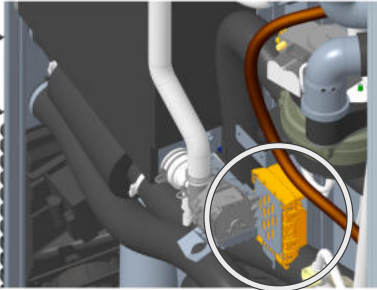


Diagram of the control board showing connection points J2, J4, J5, J6, and the SW1 switch.

Pump type	DIP setting for unit types 61, 62, 101, 102, XS* (*XS pump only)			DIP setting for unit types 201, 202		
CleanJet pump M6	OFF	ON	ON	OFF	ON	ON
	ON	3	2 1	ON	3	2 1
SC pump M4	OFF	ON	ON	OFF	ON	ON
	ON	3	2 1	ON	3	2 1
Care Pump M12	OFF	ON	ON	OFF	ON	ON
	ON	3	2 1	ON	3	2 1

3. Insert the activation electronics holder.

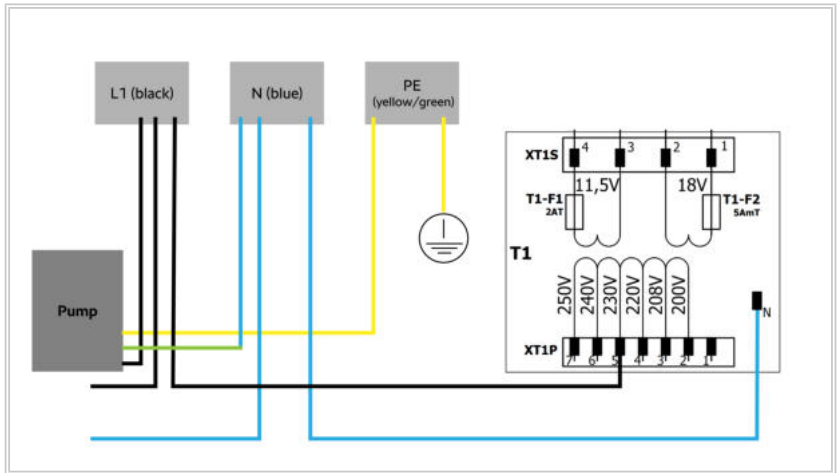
Gas unit



Electric unit



4. Establish a power supply using the WAGO connection terminal.
 - Cut the L1 (black) and N (blue) conductors.
 - Clamp each of the ends in the WAGO connection terminals.
 - Do not cut the PE conductor (yellow-green), it is grounded with the supplied cable.



5. Check the function of the drain pump in a function test.
 - >> The installation of the drain pump is complete.

