

MI_2074: Gas hose tabletop unit - dismantling and installation

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

30 min.



see required tool



11/10/2023

Topics

The information describes the removal and installation of the gas hose for tabletop units.

Affected product/accessories

iCombi Pro and iCombi Classic Gas:

- 6-1/1
- 6-2/1
- 10-1/1
- 10-2/1

Required tool

- Standard
- Torque wrench
- Spanner size 30 with 25 Nm. (Atlas Copco CWR)

Required components

Component:	Item number:
Gas connection 6-1/1G	70.01.605S
Gas connection 6-2/1G	70.01.606S
Gas connection 10-1/1G	70.01.607S
Gas connection 10-2/1G	70.01.608S

General information

For the gas components installed in RATIONAL units, the documents of the component manufacturer apply:

NOTICE

The documents of the component manufacturer, as well as the information from RATIONAL, must be read before use.

The documents can be called up by the QR code or the link.



Pict. 4: QR code_en

https://portal.rational-online.com/fs4p/media/service/3_dokumentationen/icombi_pro____icombi_classik/beipack/divers_1/Sicherheitshinweise-Gaskomponenten_en.pdf

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.

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.

NOTICE

Do not use leak detection spray when checking gas components for leaks.

The leak detection spray may damage adjacent components.

Revision Log

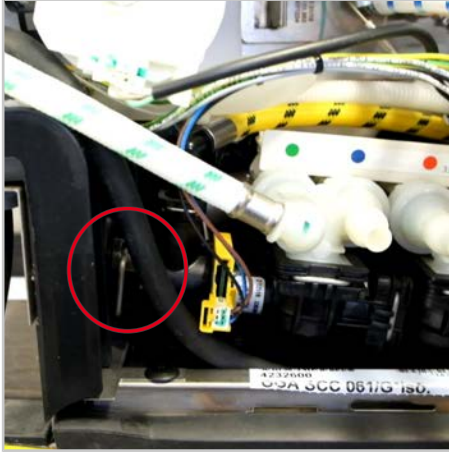
Changes from previous version of this manual:

- In the chapter "Safety instructions", the note "Do not use leak detection spray when checking gas components for leaks. The leak detection spray may damage adjacent components." has been added.
- In the chapter "Work steps – Installation of the gas hose on floor units", the note "Do not use leak detection spray when checking gas components for leaks. The leak detection spray may damage adjacent components." has been added.

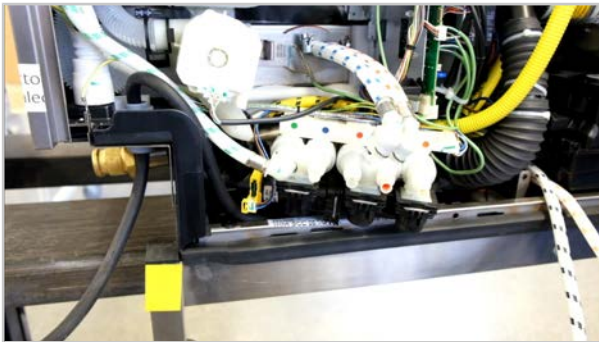
Work steps – dismantling gas hose tabletop unit

- ✓ The unit is voltage-free and the electrical compartment is open.
1. Uninstall the water connection and the gas connection of the unit.
 2. Drain the steam generator using the emergency draining hose on the pump connecting piece.

3. Uninstall the safety clip of the solenoid valve block.



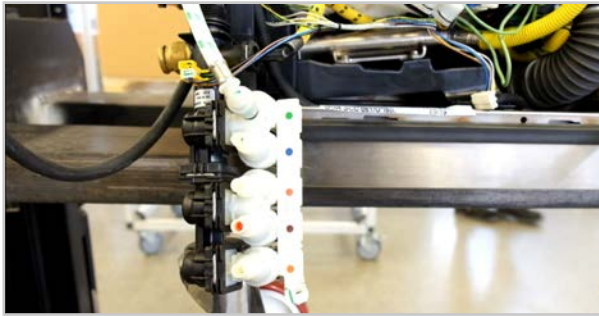
4. Uninstall all water hoses from the solenoid valve block, except for the white and green water hose that leads to the Combi water box.



5. Remove the cable from the solenoid valve (see marked connector in the following image).



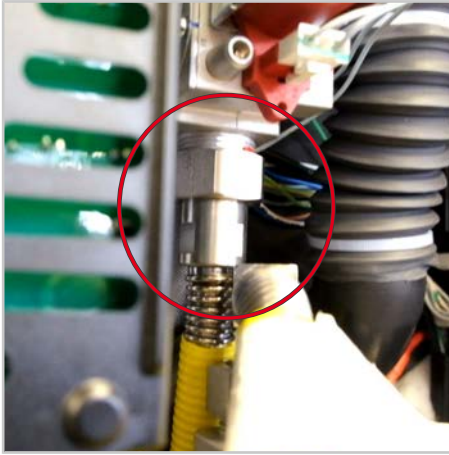
6. Remove the solenoid valve block from the unit. Let the solenoid valve hang downwards on the hose in the following position.



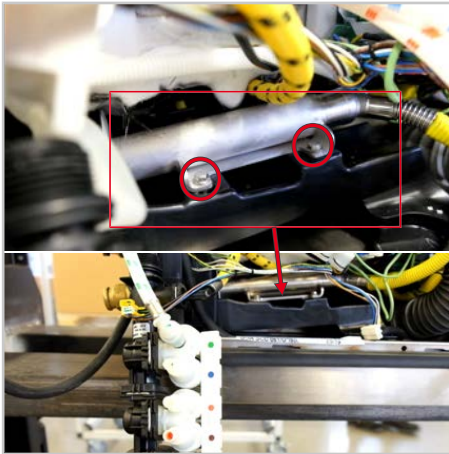
7. Uninstall the gas hose of the gas valve (hot air) with a spanner (size 30).



8. Uninstall the hose for the fresh air of the gas blower (hot air).
9. Uninstall the gas hose of the gas valve (steam) with a spanner (size 30).



10. Remove the two screws that secure the gas hose inlet. Remove the whole gas hose.

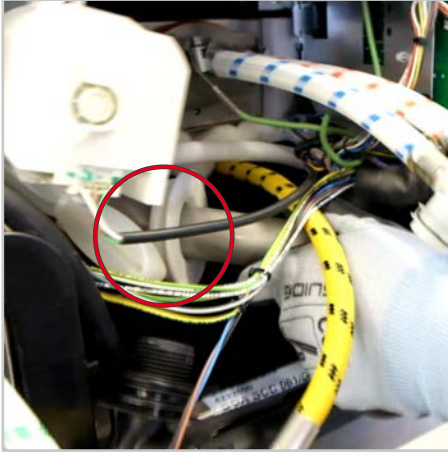


11. Replace the old gas hose with a new gas hose.
>> **The removal is complete.**

Work steps – installation gas hose tabletop unit

1. To install, proceed in reverse order.

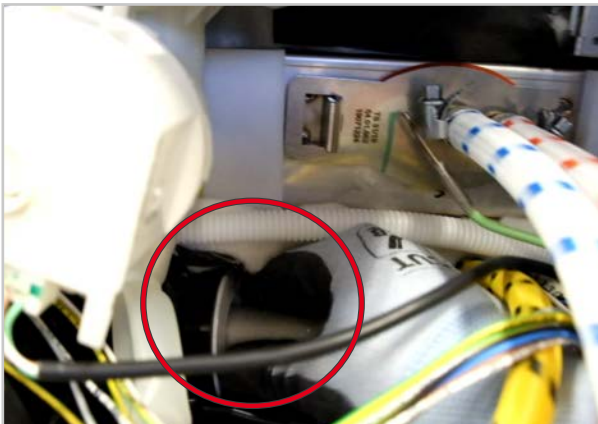
2. The white plastic ring must be reused during installation.



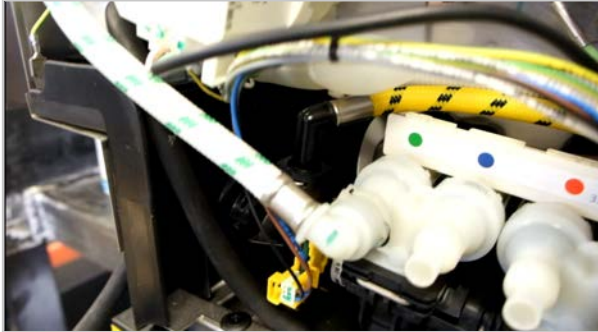
3. Guide the gas hose inlet in such a way that it comes out at the following point through the rubber grommet on the back of the unit.



4. Push the white plastic ring into the rubber casing by hand.



5. When reinstalling the solenoid valve block, make sure that the black/yellow water hose is laid neatly.



6. Secure the solenoid valve block using the safety clamp. Reconnect all water connections and the electrical supply.
For device sizes 6-1/1 and 6-2/1:
When connecting the gas hose to the gas valve (hot air), use the spanner (size 18) and the torque wrench jaw size 30 with 25 Nm, due to the special coupling that must be countered.
Connect the gas hose to the gas valve (steam) using the spanner (size 20) and the torque wrench jaw size 30 with 25 Nm.
For device sizes 10-1/1 and 10-2/1:
For all other unit sizes only the spanner (size 20) together with the size 30 torque wrench with 25 Nm is needed to connect the gas hoses to the gas valves (hot air and steam):



7. For the gas hose for the gas valve (hot air), make sure that the hose is routed correctly and runs between the fan motor and the coil of the gas blower, so that the side panel can be properly attached again.
8. After the retrofitting, you must carry out a leak test and flue gas analysis.
Note: Do not use leak detection spray when checking gas components for leaks. The leak detection spray may damage adjacent components.
9. After the coupling connections have been resealed, the side panel can be reinstalled.

>> **The installation is complete.**

