

MI_2130: Removal and installation of the gas blower (including gas valve)
hot air and steam



see affected units



60 min



Standard



30/10/2023

Topics

The information describes the removal and installation of the gas blower (incl. gas valve) hot air and steam.

Affected product/accessories

iCombi Pro and iCombi Classic Gas

- 6-1/1
- 6-2/1
- 10-1/1
- 10-2/1
- 20-1/1
- 20-2/1

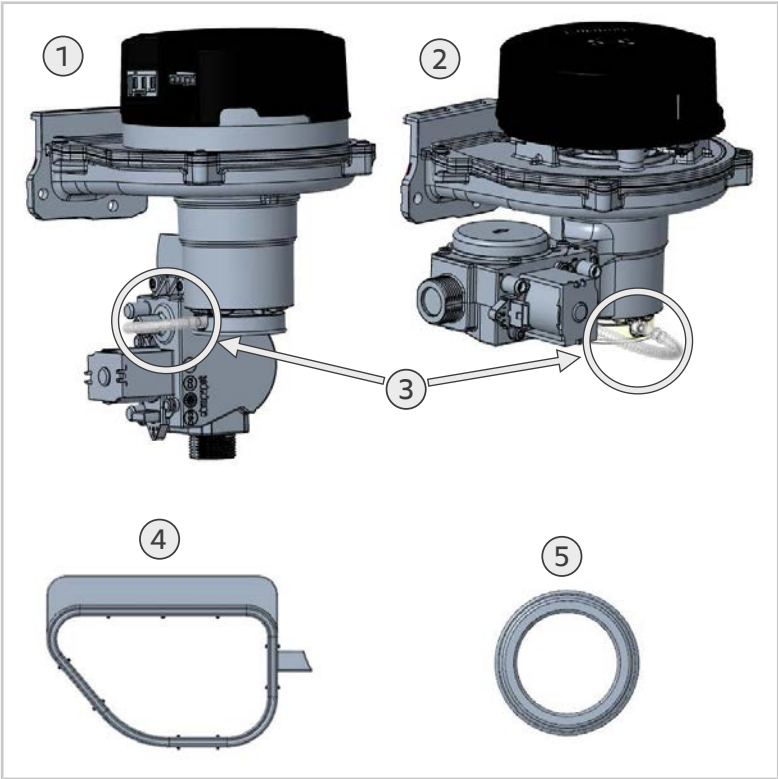
Required tool

- Standard

Required components

Component	Article number: iCombi 6-1/1	Article number: iCombi 6-2/1	Article number: iCombi 10-1/1	Article number: iCombi 10-2/1	Article number: iCombi 20-1/1	Article number: iCombi 20-2/1
Gas blower/ valve kit steam – M9	70.01.427 P	70.01.427 P	70.01.427 P	70.01.200 P	70.01.200 P	70.01.200 P
Gas blower/ valve kit HL bot- tom – M8	70.01.426 P	70.01.198 P	70.01.426 P	70.01.198 P	70.01.426 P	70.01.198 P
Gas blower/ valve kit HL top – M10	w/o	w/o	w/o	w/o	70.01.426 P	70.01.198 P

Components included in delivery:



1	Gas blower cpl. NRV100 HL 061-101G/201G	70.01.426
	Gas blower cpl. NRV100 HL 102/202G	70.01.198
2	Gas blower cpl. NRV100 D 061-101G	70.01.427
	Gas blower cpl. NRV100 D 102-202G	70.01.200
3	Compensation line cpl. 061-202G Note: Ensure that it is connected.	70.01.268
4	Seal gas blower 061-202	70.01.148
5	Seal corrugated hose gas 061 -202	70.01.622

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.

The work steps apply to the gas blower/gas valve unit hot air and steam.

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 unit.

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

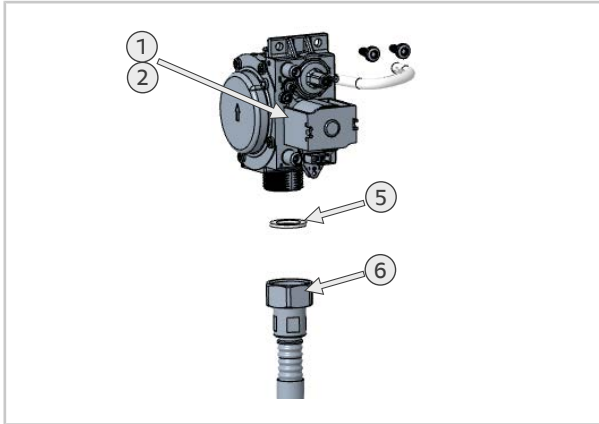
Changes from previous version of this manual:

- In the chapter "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.

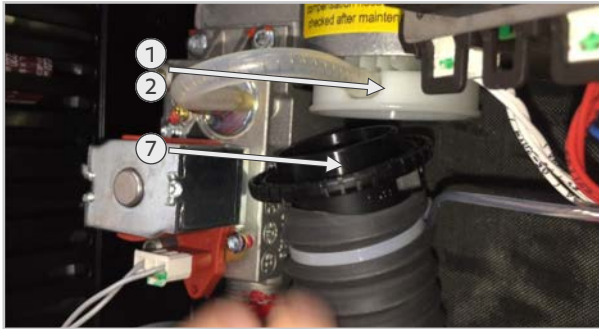
Work steps - Removal of the gas blower (including gas valve) hot air and steam

- ✓ The unit is switched off and voltage-free.
 - ✓ The electrical compartment is open.
1. Remove all cables from the gas valve/gas blower unit (1) or (2).

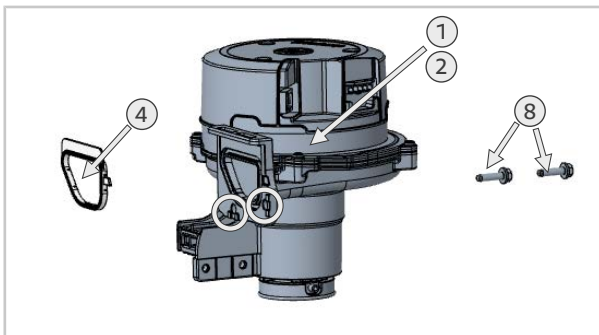
2. Remove the yellow gas hose (6) and the seal for corrugated hose gas (5) from the gas valve (1) or (2). Dispose of the seal for corrugated hose gas (5).



3. Remove the air hose (7) from the gas blower / gas valve unit (1) or (2).



4. Remove the screws (8).
Remove the gas blower/gas valve unit (1) or (2).
Remove and dispose of the seal on the gas blower (4).



>> The removal is complete.

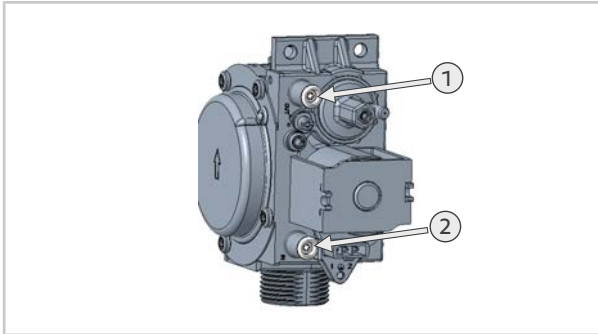
Work steps - installation of the gas blower (including gas valve) hot air and steam

1. Proceed in reverse order to install. For the installation, use the new components provided.

NOTICE

The marked adjusting screws (1) and (2) may only be tightened with a torque of 1.2Nm (+/- 0.1Nm).

Too high a torque will damage the valve.



2. Conduct a gas leak check after installation.
 3. After the installation, 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.
- >> Installation is complete.**

