

TI_2120: Newly valid documents and notes on gas fittings



iCombi Gas



16/12/2021

Subject

New instructions and documents apply with the introduction of new gas components. The following installation, safety and maintenance instructions now apply for all work on gas fittings on iCombi units.

Affected product/accessories

iCombi Gas

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

General information

For the gas components installed in RATIONAL devices, 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.

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.

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



Pict. 2: QR code_en

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

Revision Log

Changes from previous version of this manual:

- Note and graphic relating to maximum torque for gas valve added.

Work may only be carried out by trained specialist personnel.

The product may only be transported, unpacked, operated, maintained and otherwise used by suitable qualified, trained and instructed personnel.

Basic safety rules

The safety risks posed by the gas fitting must be carefully evaluated again after installation in the end device. The commissioning of the end product may only take place after the overall check for compliance with all applicable legal requirements, directives and safety regulations for the usage area (e.g. country-specific accident prevention regulations and technical rules). Note the following when carrying out work on the gas fitting:

- Do not carry out changes, attachments or conversions on the gas fitting without the approval of the component manufacturer.

- Observe the information from the operating manual of the end device manufacturer.

Check the cables and lines.

Regularly check the electrical equipment of the gas fitting. Immediately replace loose connections and faulty cables.

Safety instructions gas

- Gas leak detection
Only use an electronic gas leak detector (sniffer) to detect leaks. Do not use a gas leak detection spray or soapy water.
- Gas leak-tightness
Before commissioning and carrying out any work, the gas leak-tightness of the gas route and the gas control valve must be checked and ensured.

Safety instructions gas valve:

- Work is only permitted on the pressure inlet CO₂ screw and check compensation line. Loose locking varnish on the offset screw can void the warranty.
- Settings on the offset and main volume throttle influence the mixture composition and the combustion hygiene.
No repairs may be carried out on the gas valve, only settings on the CO₂ screw. Settings on the offset are not permitted. If the characteristic of the gas valve does not permit the setting in accordance with the CO₂ target values, the gas valve must be replaced.
- If a deflagration has occurred in a burner system, the gas valve must be replaced.
- In LPG systems, do not operate the gas fitting below 0°C. Only suitable for gaseous liquid gas, liquid hydrocarbons destroy the seal material.
- Before commissioning and carrying out any work, the gas leak-tightness of the gas route and the gas control valve must be checked and ensured.

The following gas components are affected. Observe the following installation and dismantling instructions (MI) included with the components:

- Gas valve
- Gas blower
- Gas blower with gas valve
- Gas hose (tabletop units)
- Gas hose (floor units)

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.



