

TI_2412: Gas valve - Maintenance and identification

 SelfCookingCenter / iCombi Pro / iCombi Classic Gas
6-1/1 - 20-2/1

 23 December 2024

Topic

As already highlighted (cf. TI_2018 from September 2020), all gas valves have a limited service life for technical reasons. The necessary replacement is part of the normal maintenance cycle. Depending on the model series, the gas valves installed in our gas units must be replaced after 8 or 10 years at the latest, or for iCombi units, after the maximum number of switching cycles has been reached if this occurs earlier. You can also find corresponding information in our maintenance checklists.

Below, you will find information on the service life specifications and the identification of the series, the gas valve types. Please observe this information for every maintenance and other service work on RATIONAL gas units.

Affected product/accessories

SelfCookingCenter / iCombi Pro / iCombi Classic
Valid for: Gas

- 6-1/1 – 20-2/1

Affected components

Component	Article number
Gas valve E01 LK1	
Gas valve E01 LK2	

Service life specifications

Unit generation	To be replaced at the latest
SelfCookingCenter series	10 years from the gas valve date of manufacture
iCombi series	8 years from the gas valve date of manufacture or 1,000,000 switching cycles

At the current time (January 2025), this therefore applies primarily to SelfCookingCenter units with a date of manufacture before 2016.

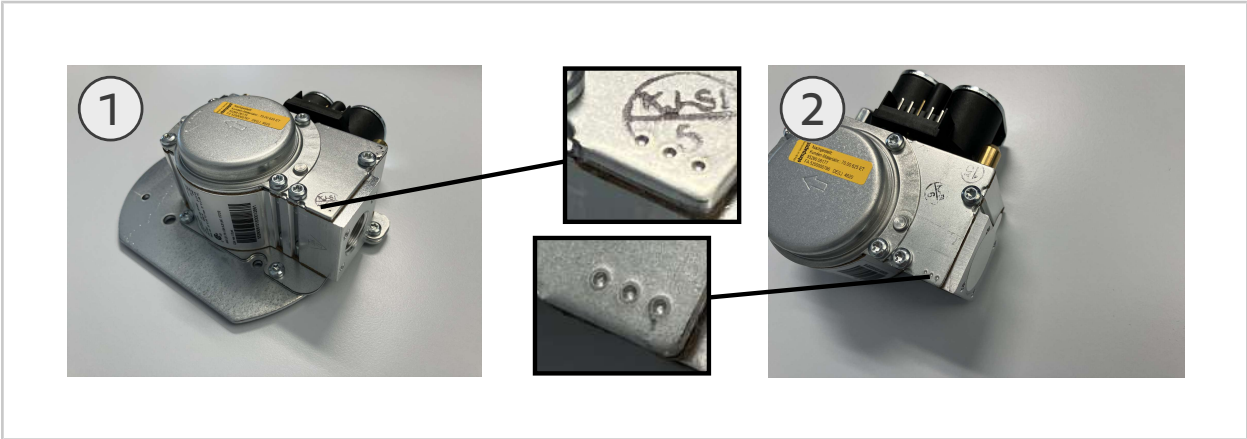
You can find the switching cycles for the iCombi Pro in the service level in the “Gas” launcher under the "Runtimes" tab and, for the iCombi Classic, in the service level under "Running Times", at the very bottom under "ignition Box valve Steam/HA-T/HA-B".

The corresponding switching cycles must be reset when replacing a gas valve.

The date of manufacture or expiry date can be found on the type plate of the gas valves.

SelfCookingCenter gas valve

Identification



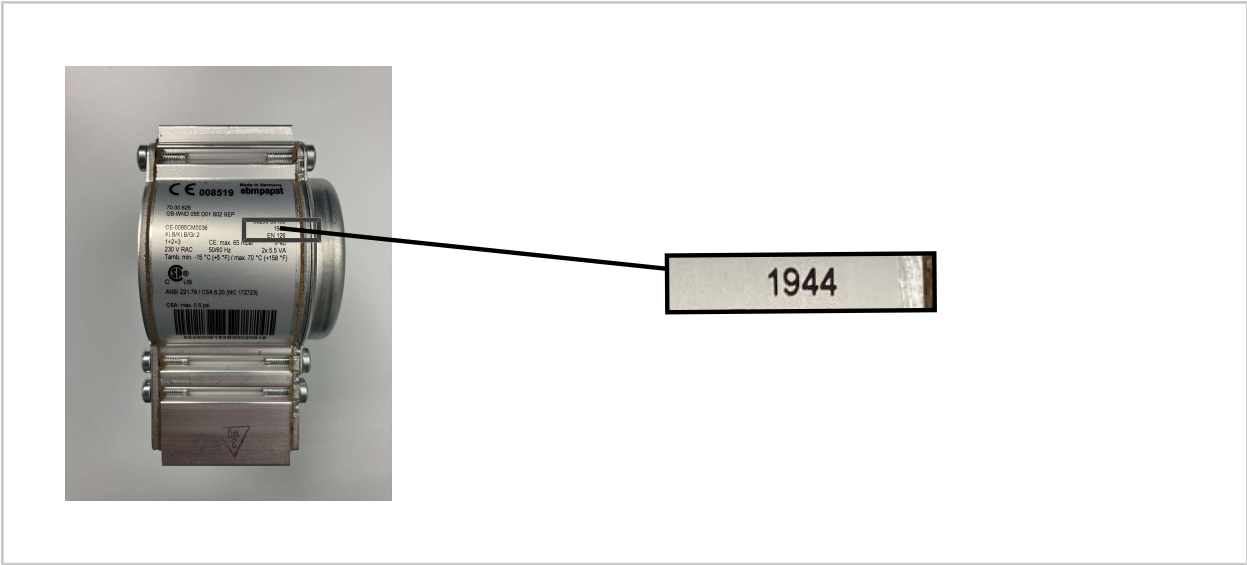
Unit size		061 G	062 G	101 G	102 G	201 G	202 G
1	Hot air	•	•	•	•••	•	•••
2	Steam	•	•	•	•••	•••	•••

Abbreviations:

- (one grain on the gas valve) = low flow rate
- (three grains on gas valve) = high flow rate

Date of manufacture/expiry date

Printing takes place in the form of year of manufacture/calendar week YY/week (e.g. 1944 for year of manufacture 2019, calendar week 44). The expiry date in this example is therefore 10 years later, 2029, in calendar week 44. The gas valve must be replaced by this date at the latest.



iCombi gas valve

Identification



- The gas valves for hot air and steam look identical
- Up to December 2021, LK2 gas valves (Art. no. 70.01.192) were installed everywhere on which no article number was printed on the type plate
- From January 2022, there will be an article number on the LK1 or LK2 gas valve

The following overview applies since January 2022:

	061 G	062 G	101 G	102 G	201 G	202 G
Hot air	LK1	LK2	LK1	LK2	LK1	LK2
Steam	LK1	LK1	LK1	LK2	LK2	LK2

Abbreviations:

- LK1 (Art. no. 70.01.675) 2022
- LK2 (Art. no. 70.01.676) 2022



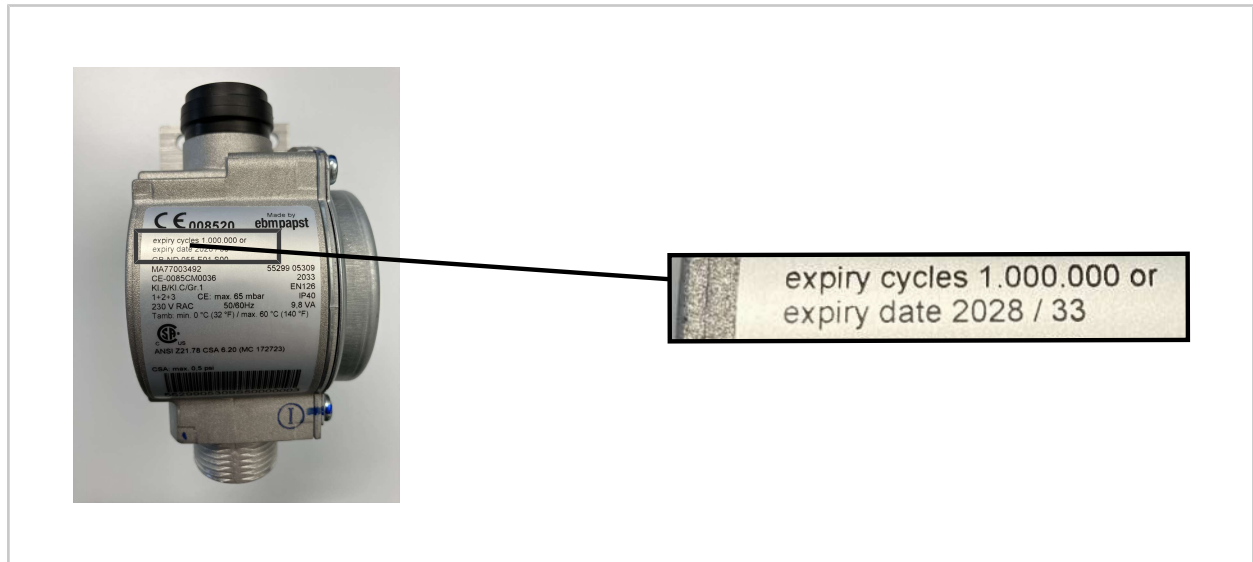
70.01.675

Shelf life/expiry date

The expiry date must be replaced after 8 years at the latest, or if this occurs earlier, after the maximum number of switching cycles of 1,000,000 has been reached.

The printing takes the form of

- switching cycles (1,000,000) or
- Expiry year/calendar week (e.g. in expiry year 2028, calendar week 33). The gas valve must be replaced by this date at the latest.



NOTE:

No further action is required.