

16 Automatic cleaning - iCareSystem (chemical stock)



The iCareSystem is the intelligent cleaning and descaling system in the iCombi Pro. It recognises how dirty the unit is and proposes the ideal cleaning program and the optimal quantity of care products.



16.1 General safety instructions

- For the automatic clean function, only use the cleaner recommended by the manufacturer.
- Do not connect a hose to the safety overflow.

This will prevent scalding and burns:

- Let the unit and all function parts cool down before you start the automatic clean.

This will prevent chemical burns:

- The care products cause severe chemical burns on the skin and serious damage to the eyes. Wear tight-fitting protective glasses and chemical-safe protective gloves while cleaning the unit.
- Keep the cooking cabinet door closed during the automatic clean. Corrosive cleaning agents and hot steam may otherwise escape. If you open the cooking cabinet door during the automatic clean, a warning signal will sound.
- Do not leave the core probe hanging out of the unit during the automatic clean. The cooking cabinet door gasket could be damaged and corrosive cleaning agents may escape.
- Do not clean externally attachable core probes with the automatic clean function.

If you come in contact with care products, proceed as follows:

- If you touch care products without chemical-safe protective gloves or other skin areas come in contact with cleaner, rinse the skin area with running water for 10 minutes.
- If a care product gets into your eyes, rinse your eyes with running water for 15 minutes. Remove any contact lenses.
- If you swallow a care product, rinse out your mouth with water and immediately drink half a litre of water. Do not provoke vomiting.
- Call the emergency poison helpline or a doctor.

16.2 Cleaning modes

The two following cleaning modes are available for the **light**, **medium** and **strong** cleaning programs:



Eco mode

If you select this cleaning mode, less care product and less water will be used to clean the unit when using the cleaning programs [▶ 109]. The cleaning programs will therefore run for longer than in the normal mode.



Normal mode

If you select this cleaning mode, more care product will be used to clean the unit when using the cleaning programs [▶ 109]. The cleaning programs will therefore be shorter than in the Eco mode.

16.3 Cleaning programmes

The following cleaning programs are available:

Programme	Mode	Description	Care product
Light	Eco / Normal	Suitable for removing light dirt and scale resulting from use of the unit at up to 200 °C.	<ul style="list-style-type: none"> ▪ Active Green cartridge ▪ Care cartridge
Medium	Eco / Normal	Suitable for removing dirt and scale resulting from cooking processes including grilling or roasting.	<ul style="list-style-type: none"> ▪ Active Green cartridge ▪ Care cartridge
Strong	Eco / Normal	Suitable for removing heavy dirt and scale resulting from cooking processes including grilling or roasting.	<ul style="list-style-type: none"> ▪ Active Green cartridge ▪ Care cartridge
Fast	–	Suitable for an interim cleaning to quickly remove heavy soiling. This cleaning program does not reset the forced cleaning.	<ul style="list-style-type: none"> ▪ Active Green cartridge
Rinsing without cleaner	–	Suitable for removing water-soluble dirt. This cleaning program does not reset the forced cleaning.	–
Rinse	–	Suitable for removing calcium/chalky dirt resulting from cooking processes including baking or steaming.	<ul style="list-style-type: none"> ▪ Care cartridge

You have the option of changing and saving existing cleaning programs individually. You can then export these and import them to other units.



TIP

If your cooking system is connected to soft water, you should set the soft water switch to "Soft water".

16.4 Cleaning, care and cleaner cartridge status

iCareSystem automatically detects the cleaning and care status of your unit.

Cleaning status

- If the display is green, the unit is clean.
- If the display is yellow, the unit is dirty. You can still continue cooking in the unit until you are asked to clean it.
- If the display is red, the unit is very dirty. Start a cleaning program immediately, at least before next being asked to clean the unit.


Care status

- If the care status is green, the steam generator is free of scale.
- If the display is yellow, the steam generator has some scale.
- If the display is red, the steam generator has a lot of scale. Start a cleaning program immediately, at least before next being asked to clean the unit.

Cartridge overview

The status of the cleaner cartridges can be checked using a diagram.



- The respective slots and the status of the cleaner cartridges are displayed.
- Four filled bars (see Slot 2) indicates full status.
- Cleaner cartridges with a yellow warning and one filled bar (see Slot 1) symbolises a cleaner cartridge that is only 25% full.
- Cleaner cartridges with a red warning (see Slot 3) symbolise an empty cleaner cartridge.
- A greyed cleaner cartridge (see Slot 4) indicates that no cleaner cartridge is inserted at this point.
- Press the button  to go to the guided cartridge change.
- Follow the on-screen instructions.
- After replacing the cleaner cartridges, please confirm on the display that you have inserted full cleaner cartridges.

16.5 Replacing the cleaning agent cartridge

CAUTION

Danger of chemical burns!

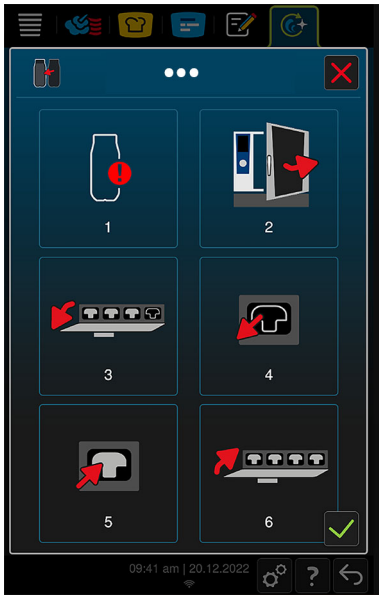
Wear tight-fitting protective glasses and chemical-safe gloves for reliable protection when handling cleaner cartridges.



NOTICE

Handling cleaner cartridges

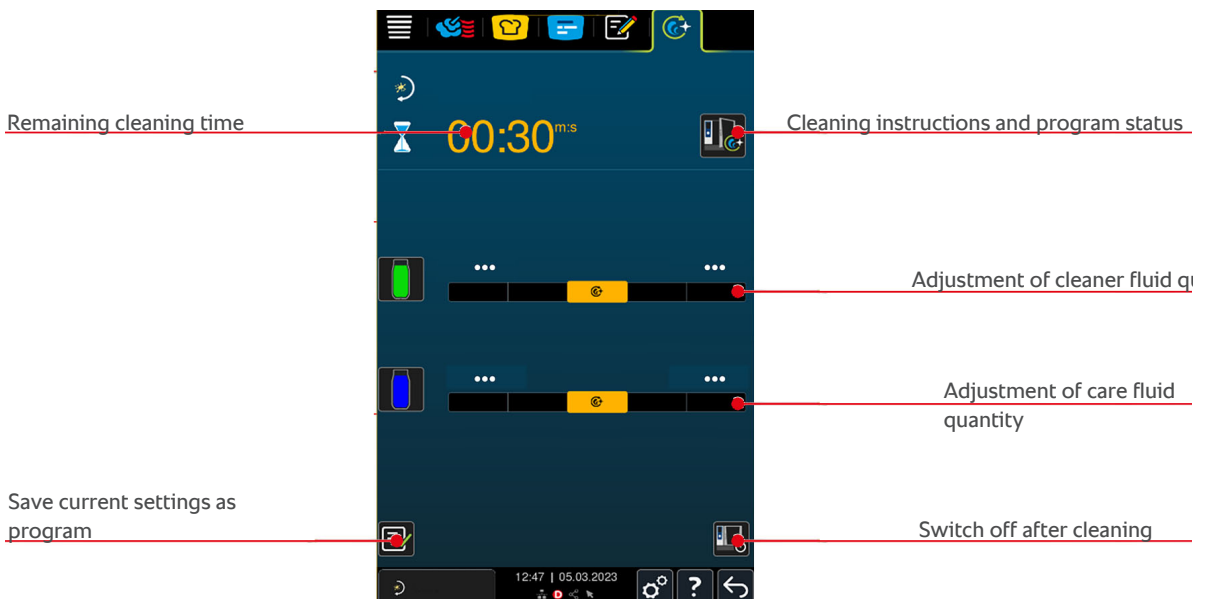
- Do not pull out or insert the cleaner cartridge in any way! Replace only empty cartridges with full ones.
- Do not use defective cleaner cartridges!
- Replace the empty cleaner cartridges, even outside of cleaning, only when instructed to do so.
- Check the cleaner cartridge for damage if they have fallen beforehand.

If you have any further questions about the correct handling of cleaner cartridges, please contact your RATIONAL Service Partner.




1. Press the button .
2. Open the cooking cabinet door.
3. Open the cleaner flap **NOTICE! Do not place anything that weighs more than 7 kg on the open cleaner flap!**
The status of the cartridges is displayed automatically.
4. Pull empty cartridges out of the slot using the recessed handles.
5. Unpack the Active Green cleaner cartridges or Care cleaner cartridges, remove the cap and place the cartridge in an empty slot of the chemical storage system. You can decide for yourself how many cleaner cartridges you want to use. However, it is recommended that you use two Care cleaner cartridges and two Active Green cleaner cartridges.
6. You will be asked if you have inserted a new cleaner cartridge.
7. Close the cleaner flap.
8. Confirm with:  that you have inserted full cleaner cartridges.
9. Close the cooking cabinet door.

16.6 Start automatic clean



- ✓ The hinging racks are correctly placed in the cooking cabinet.
- ✓ The mobile oven rack is correctly placed in the cooking cabinet.

- ✓ If your unit is equipped with the optional integrated fat drain, take the fat drip tray out of the cooking cabinet and insert the plug into the drain pipe hole .
- 1. Press the button in the menu bar: 
 - > If the cooking cabinet temperature is above 75 °C, this message is displayed: **Cooking cabinet too hot**
- 2. Select the desired cleaning program [▶ 109].
- 3. You now have the option of adjusting the chemical quantity, you can select whether the cooking system should be switched off after cleaning and you can press the programming button.
- 4. Open the cabinet door.
- 5. Remove all containers, racks and trays from the cooking cabinet.
- 6. Close the cooking cabinet door.
- 7. The cool-down function [▶ 46] starts to lower the cooking cabinet temperature.
- 8. The automatic clean starts when the door is closed.
- 9. Once the automatic clean is completed, an acoustic signal will sound.
- 10. Dispose of empty cartridges in the recycling bin.





TIPS

- If foam forms in the cooking cabinet during automatic cleaning even though you used the recommended quantity of Active Green cleaner, set the foam switch. If foam still forms, contact your RATIONAL Service Partner.

16.7 Abort automatic clean

You can abort all automatic cleaning programs at any time.

1. Press and hold the button: 
 - > You will be asked if you really want to cancel the clean. It will be displayed how long the process will be aborted.
 2. Press the button 
- >> Automatic cleaning is aborted.








TIP

If there is a power outage during the automatic clean, the automatic clean will be interrupted. When the power supply is restored, the automatic clean will continue.

16.8 Forced cleaning after operating hours

If you have activated a forced cleaning process, you will be asked to clean the unit after a defined period of time. You cannot work with the unit again until the cleaning has been performed.

1. Press the button 
2. Press the button  **Cleaning**
3. Press the button  **Forced cleaning after operating hours**
4. To activate the forced cleaning process, press the button: **ON**
5. To set the time after which you would like to be prompted to clean the cooking system, press the button: **Time until cleaning request** Please note that here you should set the operating time, not the time actually elapsed.
6. Select a value from 1 to 24 hours on the scale.
7. To set the number of hours the cleaning can be delayed until the request, press the button: **Delay time of forced cleaning**
8. Select a value from 1 to 24 hours on the scale.
9. Press the button . You can now select from either the standard **cleaning programs** or one you have created.
10. Press the button  to switch the **automatic cleaning start** on or off.

11.

>> The footer shows how many operating hours remain until cleaning needs to be carried out.