

Ice and water dispenser

The following may be dispensed as necessary:

- cooled water
- crushed ice
- ice cubes



WARNING

Risk of injury from broken glass!
Never use fragile glassware to catch ice when dispensed.



WARNING

Risk of injury from rotating crusher blades!
Never reach into the ice cube dispenser opening.

NOTICE

Risk of damage to the appliance!
 Do not place bottles or food in the ice cube container in order to cool them quickly. The ice maker may become blocked and damaged.

When switching on the appliance, note the following

The ice and water dispenser only works when the appliance is connected to the water supply.

After the appliance has been switched on, it will take 24 hours before the first batch of ice cubes are ready.

When the appliance is connected, air bubbles will still be in the lines.

Extract the drinking water and discard until water can be dispensed without bubbles. Draw drinking water for at least 5 minutes and pour away.

When using the ice maker for the first time, discard the first 30 to 40 ice cubes. Do not use ice cubes for hygienic reasons.

Operating the ice maker

Once the freezer compartment has reached its freezing temperature, water flows into the ice maker and freezes into ice cubes. The ice cubes are automatically discharged into the ice cube container when they are ready.

After the appliance is first switched on, it takes roughly 24 hours for the first portion of ice cubes to be produced.

The sides of the ice cubes may occasionally stick together. They usually break away from each other as they move to the dispenser opening.

Ice making switches off automatically when the ice cube container is full.

The ice maker can make approximately 140 ice cubes within 24 hours when ice cubes are discharged several times during the day.

As the ice cubes are being made, the sound of the buzzing water valve, the water flowing into the ice storage bin and the falling ice cubes can be heard.

Drinking water quality



CAUTION

The water filter included with the appliance only filters out particles from the supplied water and does not filter out bacteria or microbes.

All materials used in the water dispenser are odorless and tasteless.

If the water has an aftertaste, this may be caused by:

- Mineral and chlorine content in the drinking water
- Materials from which the domestic water line or connection line are made
- Freshness of the drinking water. If water has not been dispensed for an extended period of time, the water may have a "stale" taste. In this case, dispense approx. 15 glasses of water and discard.

Note:

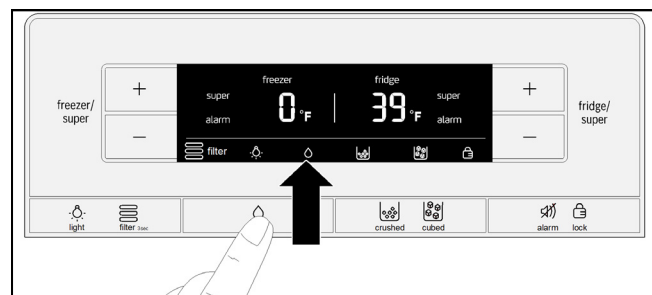
Rinse the water system that is connected to the water inlet if no water has been dispensed in the last five days.

The taste and smell of the water can be improved by installing the included filter cartridge at the water intake point.

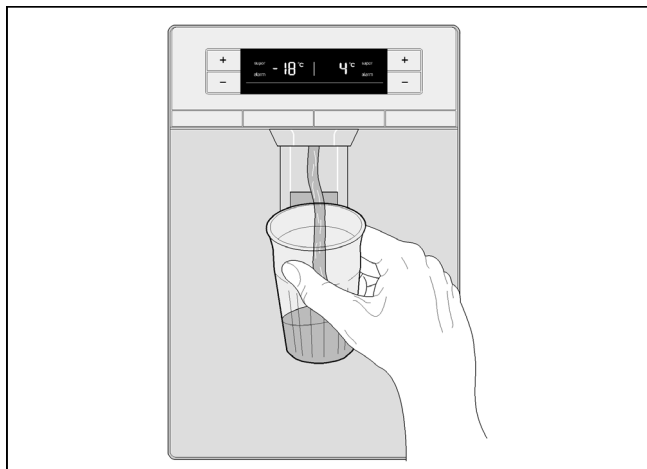
We recommend that you regularly draw off a certain amount of water from the water dispenser and do not switch the appliance off. This will maintain the best water quality.

Dispensing water

1. Press the "Water" button. The display panel shows the "Water" symbol.



2. Press a glass or container against the dispenser lever until the glass is filled with the desired amount of water.



Note:

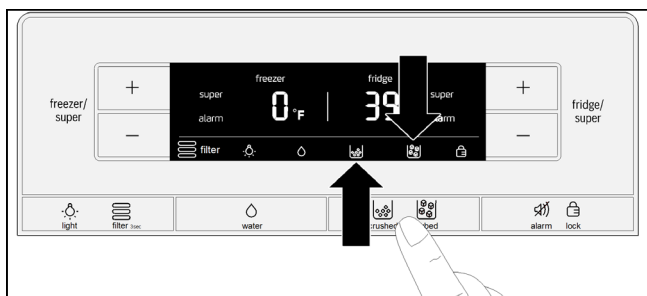
The water from the water dispenser is cooled to a pleasant temperature for drinking. If you prefer the water to be colder, dispense some ice cubes into the glass before drawing the water.

Dispensing ice

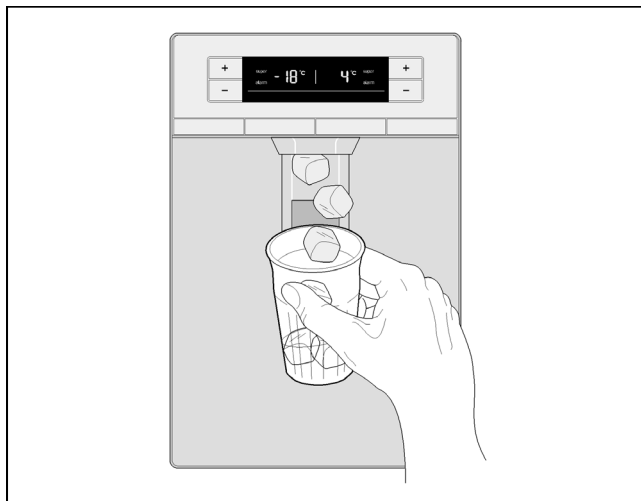
Only hold the container against the dispenser lever until the container is half full of ice. Otherwise, the ice in the ice-cube dispenser spout may cause the container to overflow or block the ice cube dispenser spout.

If crushed ice was dispensed before dispensing ice cubes, there may still be some crushed ice in the dispenser spout. It will come out together with the first few ice cubes.

1. Press the "Ice cubes/Crushed ice" button until the display shows the "Ice cubes" or "Crushed ice" symbol.



2. Press a suitable glass or container against the dispenser lever until it is filled with the desired amount of ice.



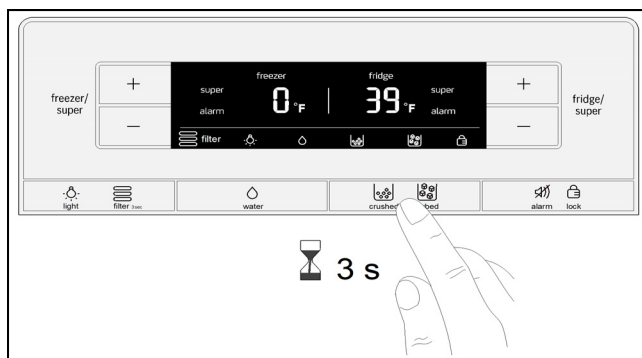
Switching off the ice-maker

Note:

It is imperative to turn off the water supply to the appliance several hours before switching off the ice-maker.

If you do not expect to be using the ice-maker for longer than 1 week (e.g. when going on holiday), the ice-maker should be temporarily switched off to stop the ice cubes freezing together.

1. Press and hold the "Ice cubes/Crushed ice" button for 3 seconds.



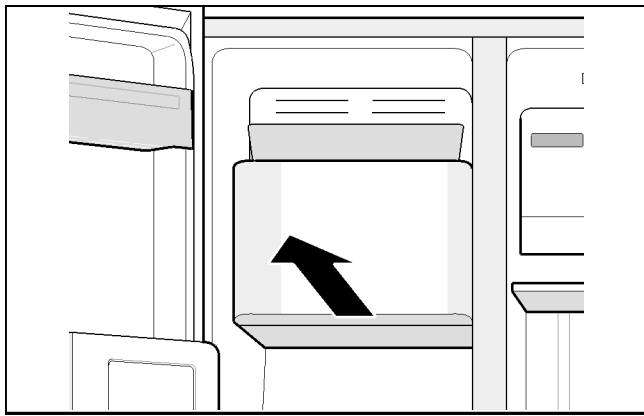
In the display, the symbols "Ice cubes", "Crushed ice" and "Lock" flash for approx. 3 seconds.

Then the water dispensing is switched on and the symbol "Water" lights up.

Note:

When the "Ice cubes/Crushed ice" button is pressed, when the ice-maker is switched off, an alarm sounds and the symbols "Ice cubes", "Crushed ice" and "Lock" flash for approx. 3 seconds.

2. Pull out the ice-cube container.



3. Empty the ice-cube container and clean it.
4. Push the ice-cube container all the way back on the runners until it snaps into place.

Switching on the ice-maker

Press and hold the "Ice cubes/Crushed ice" button for 3 seconds.

An alarm sounds as soon as the ice-maker is switched on.

Water filter



WARNING

In localities where the water quality is not ideal or not known, do not use the appliance without suitable means of disinfection on the inlet and outlet side of the filter.

Filter cartridges for the water filter can be obtained from Customer Support.



CAUTION

- After fitting a new filter cartridge, always throw away the first 24 hours' worth of ice produced after switching on the ice-maker.
- If the ice has not been used for an extended period, throw away all the ice cubes in the ice-cube container as well as the ice produced over the next 24 hours.
- If the appliance has not been used or no ice has actually been dispensed for several weeks or months, or if the ice cubes have an unpleasant taste or smell, change the filter cartridge.
- Air trapped in the system can cause water to spurt out and eject the filter cartridge. Take care when removing it.
- The filter cartridge must be replaced at least every 6 months.

Important notes on the water filter

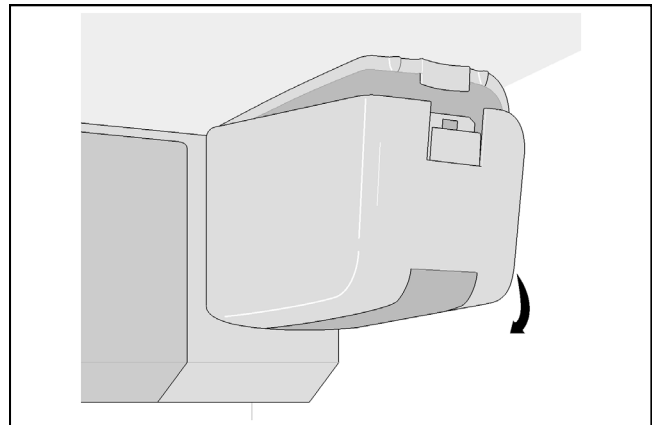
- After use, the water system is slightly under pressure. Take care when removing the filter cartridge.
- If the appliance has not been used for the last 5 days or the water has an unpleasant taste or smell, flush the water system through. To do so, draw water from the dispenser continuously for 5 minutes. If the unpleasant taste or smell persists, change the filter cartridge.

Changing the filter cartridge

After six months has elapsed, the water filter symbol starts flashing as a prompt to change the filter cartridge (see section "Water filter symbol").

The filter cartridge must be replaced after six months at the latest.

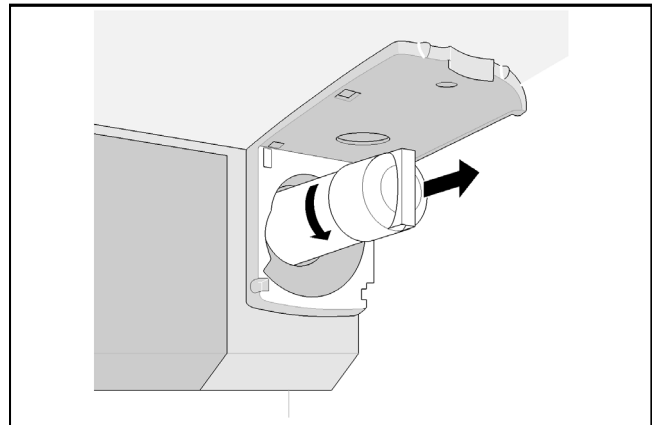
1. **Caution!** Unplug the appliance from the mains or switch off the circuit-breaker.
2. Turn off the water supply to the appliance.
3. Press the button and remove the lid.



Note:

Take care when removing the filter cartridge. The water system is slightly under pressure after use.

4. Carefully turn the filter cartridge 90° counter-clockwise and pull it out.

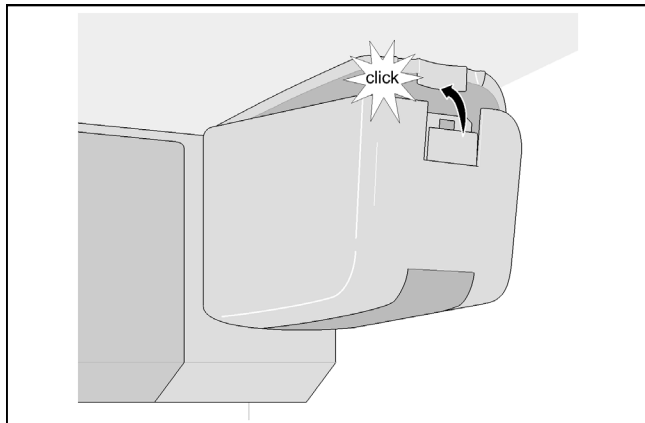


5. Take the new filter cartridge out of its packaging.
6. Insert the new filter cartridge and carefully turn it 90° clockwise as far as the stop.

Note:

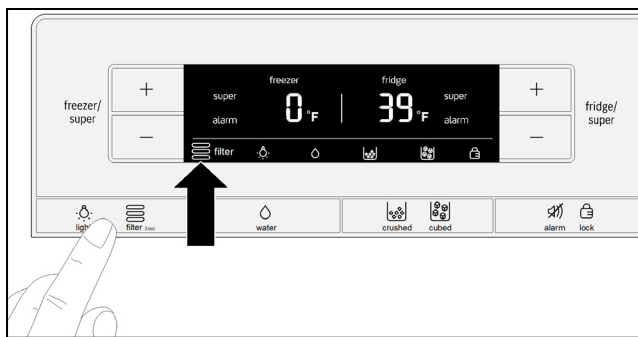
The filter cartridge must be tightened by hand so that no leaks are created and that the appliance is correctly supplied with water.

7. Refit the lid and snap it into place.



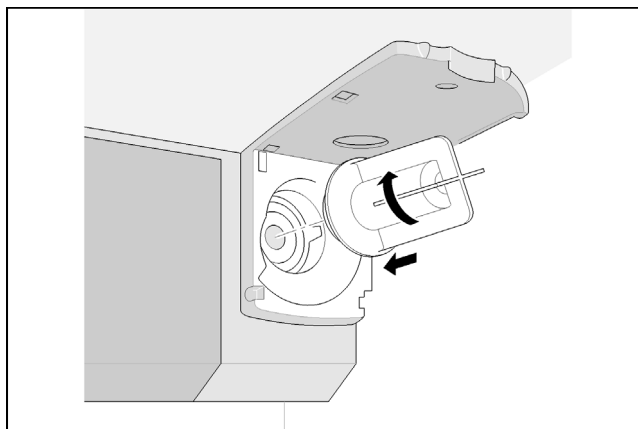
- 8. Turn on the water supply to the appliance.
- 9. Switch on the appliance.
- 10. Dispense and dispose of water for five minutes via the water dispenser.
- 11. Pour the water out of the old filter cartridge. The filter cartridge can be disposed of together with the normal household waste.

12. Press and hold the "Light/Filter" button for 3 seconds. That resets the water filter indicator. The symbol will then stop flashing. The new filter has now been activated.



Note:

The ice and water dispenser can also be used without a water filter. In that case, fit the cover cap. Cover caps can be obtained from customer service.



Performance Data Sheet

NSF System Trade name: WFS200MF & WFS210MF

NSF Replacement Cartridge No: WFC100MF (for WFS200MF) & WFC110MF (for WFS210MF)



System tested and certified by NSF International against NSF/ANSI Standard 42, 53, 401 for the reduction of the claims listed below.

This system has been tested according to NSF/ANSI 42, 53, 401 for reduction of the substances listed below.

The concentration of the indicated substances in water entering the system was reduced to a concentration less than or equal to the permissible limit for water leaving the system, as specified in NSF/ANSI 42, 53, 401.

Substance	Influent challenge concentration	Average reduction	Reduction requirement	Max. permissible product water concentration
Chlorine taste and odor	2.0 mg/L ± 10 %	97.2 %	≥ 50 %	N/A
Chloramine	3.0 mg/L ± 10 %	97.2 %	N/A	0.5 mg/L
Particulate, Class I particles ≥0.5 to <1 µm	at least 10,000 particles/mL	>99.9 %	85 %	N/A
Atrazine	0.009 mg/L ± 10 %	>94.4 %	N/A	0.003 mg/L

Substance	Influent challenge concentration	Average reduction	Reduction requirement	Max. permissible product water concentration
Benzene	0.015 mg/L ± 10 %	>96.8 %	N/A	0.005 mg/L
Carbofuran	0.08 mg/L ± 10 %	>98.8 %	N/A	0.04 mg/L
p-Dichlorobenzene	0.225 mg/L ± 10 %	>99.8 %	N/A	0.075 mg/L
Lead pH = 6.5	0.15 mg/L ± 10 %	>98.8 %	N/A	0.010 mg/L
Lead pH = 8.5	0.15 mg/L ± 10 %	97.9 %	N/A	0.010 mg/L
Mercury pH = 6.5	0.006 mg/L ± 10 %	>96.5 %	N/A	0.002 mg/L
Mercury pH = 8.5	0.006 mg/L ± 10 %	>96.6 %	N/A	0.002 mg/L
Turbidity	11 ± 1 NTU	99.1 %	N/A	0.5 NTU
Ethylbenzene	2.1 mg/L ± 10 %	>99.9 %	N/A	0.7 mg/L
Toxaphene	0.015 mg/L ± 10 %		N/A	0.003 mg/L
Asbestos	10 ⁷ to 10 ⁸ fibers/L; fibers greater than 10 µm in length	>99 %	99 %	N/A
Cyst	minimum 50,000/L	99.99 %	99.95 %	N/A
Meprobamate	400 ng/L ± 20 %	>95.2 %	N/A	60 ng/L
Atenolol	200 ng/L ± 20 %	>95.6 %	N/A	30 ng/L
Carbamazepine	1,400 ng/L ± 20 %	>98.6 %	N/A	200 ng/L
DEET	1,400 ng/L ± 20 %	>98.7 %	N/A	200 ng/L
Phenytoin	200 ng/L ± 20 %	>94.4 %	N/A	30 ng/L
Metolachlor	400 ng/L ± 20 %	>98.7 %	N/A	200 ng/L
Ibuprofen	400 ng/L ± 20 %	>95.3 %	N/A	60 ng/L
Trimethoprim	140 ng/L ± 20 %	>96.7 %	N/A	20 ng/L
Linuron	140 ng/L ± 20 %	>96.6 %	N/A	20 ng/L
Naproxen	140 ng/L ± 20 %	>96.2 %	N/A	20 ng/L
Estrone	140 ng/L ± 20 %	>96.3 %	N/A	20 ng/L
Bisphenol A	2,000 ng/L ± 20 %	>99.0 %	N/A	300 ng/L
Nonyl phenol	1,400 ng/L ± 20 %	>96.3 %	N/A	200 ng/L

Tested using a flow rate of 0.55 gpm (2.0 L/min), pH of 7.5 ± 0.5, pressure of 60 psig, and temperature of 68 ± 5 °F.

NOTE : The testing was performed under standard laboratory conditions, actual performance may vary.

Operation conditions

Service flow rate	0.55 gpm (2 L/m)
Water pressure	30 psi - 120 psi (206 - 861 kPa)
Water temperature	35 °F - 100 °F (2 °C - 38 °C)
Function	chemical/mechanical
Capacity	WFS200MF 250 gallons (946 L), WFS210MF 150 gallons (567 L)

Warning: Do not use with water that is microbiologically unsafe or of unknown quality without adequate disinfection before or after the system. Systems certified for cyst reduction may be used on disinfected water that may contain filterable cyst.

Note:

- Adsorption media will not be regenerated and used.
- Systems must be installed and operated in accordance with manufacturer's recommended procedures and guidelines. The system and installation shall comply with applicable state and local regulations. Install on cold water line only.
- Flush 3 gallons through filter before use (flush approximately 5 minutes).
- To maintain proper filtration, replace the filter at least every 6 months.

Manufacturer: Microfilter co.,Ltd.

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