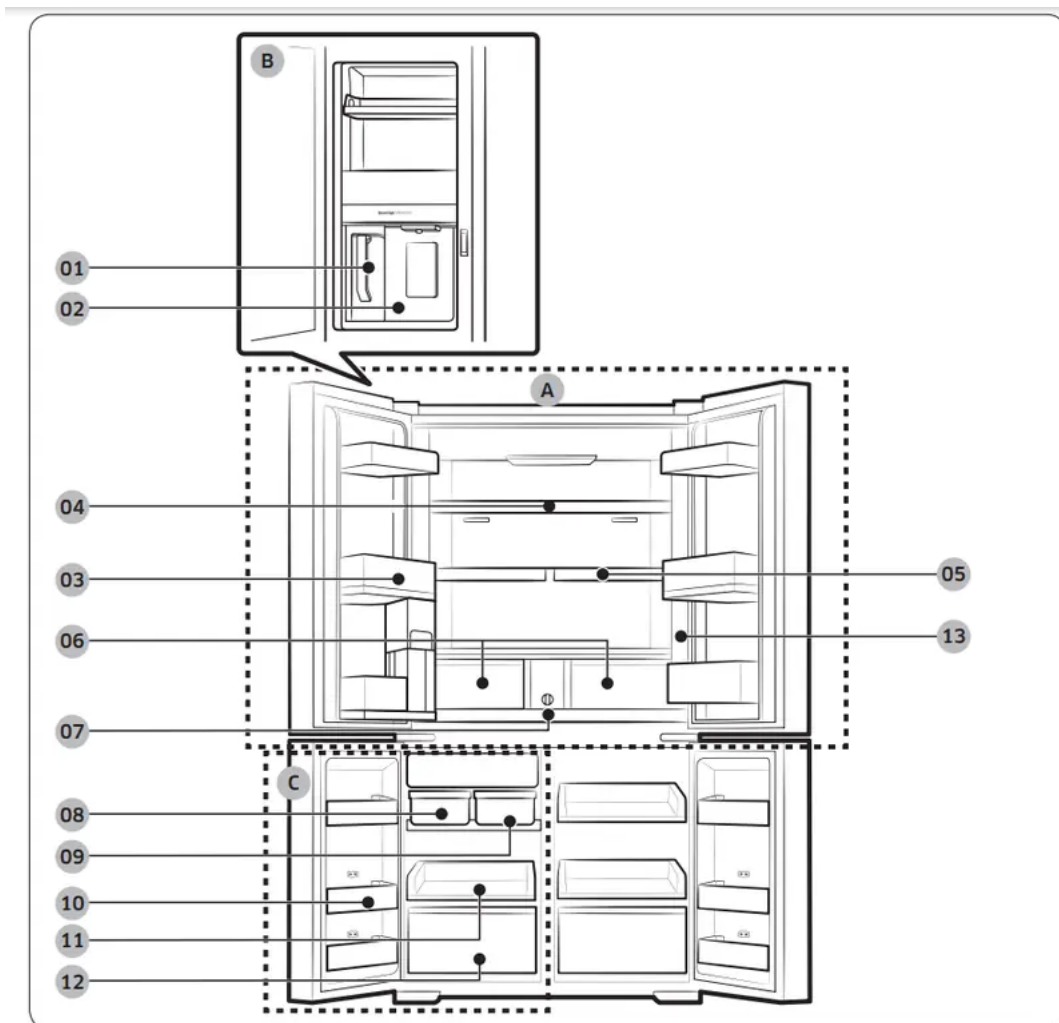


Installation

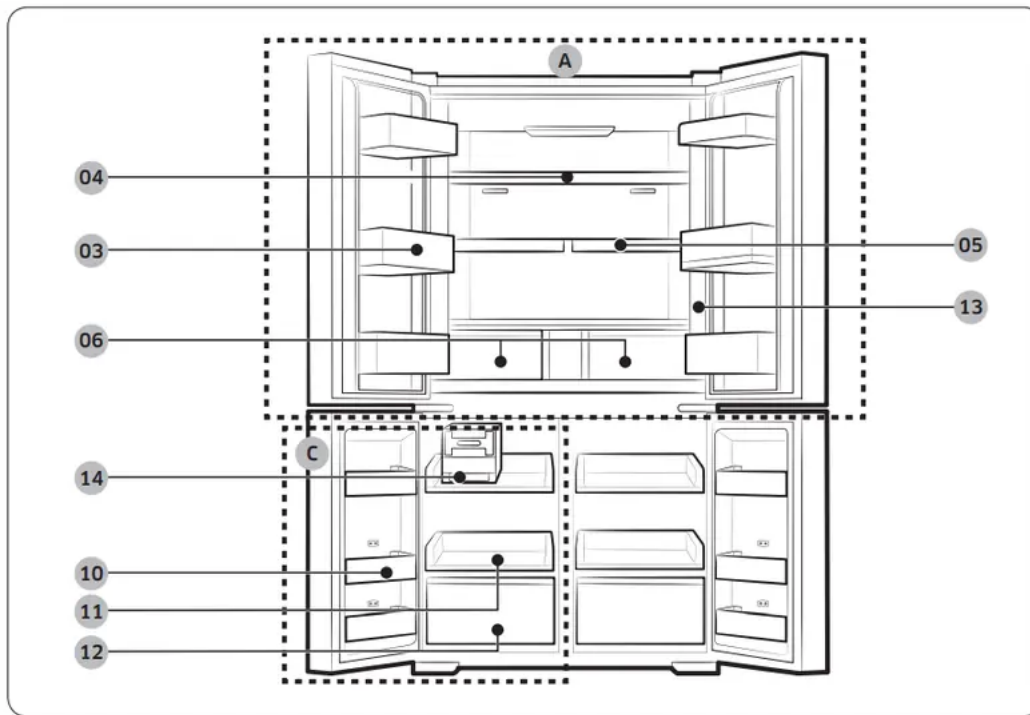
Refrigerator at a glance

The actual refrigerator and provided component parts of your refrigerator may differ from the illustrations in this manual, depending on the model and the country.

Type A



Type B



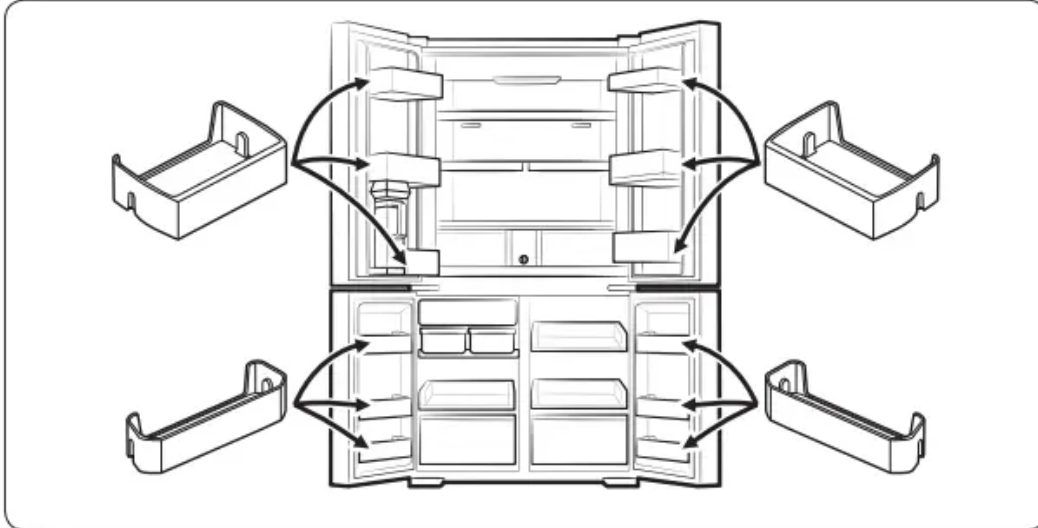
- 01. AutoFill pitcher *
 - 02. Water dispenser **
 - 03. Fridge door bin
 - 04. Fridge shelf
 - 05. Quick Space shelf *
 - 06. Crisper / Flex Crisper Drawers *
 - 07. Water filter *
 - 08. Auto ice maker - Cubed Ice *
 - 09. Auto ice maker - Ice Bites *
 - 10. Freezer door bin
 - 11. Freezer shelf
 - 12. Freezer drawer
 - 13. Control panel
 - 14. Twist ice maker *
- A. Fridge B.
Beverage Center **
C. Freezer

* Applicable models only

** Dispenser models only

Door bins

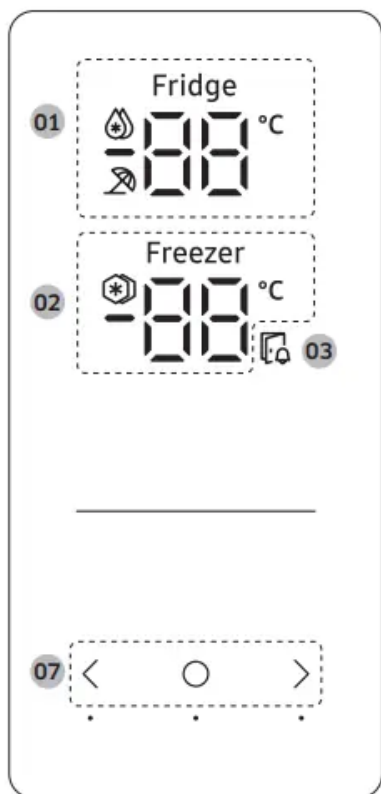
Your refrigerator ships with door bins of different types and sizes. If the door bins for your refrigerator were packaged separately, use the figure below to help you position the bins properly.



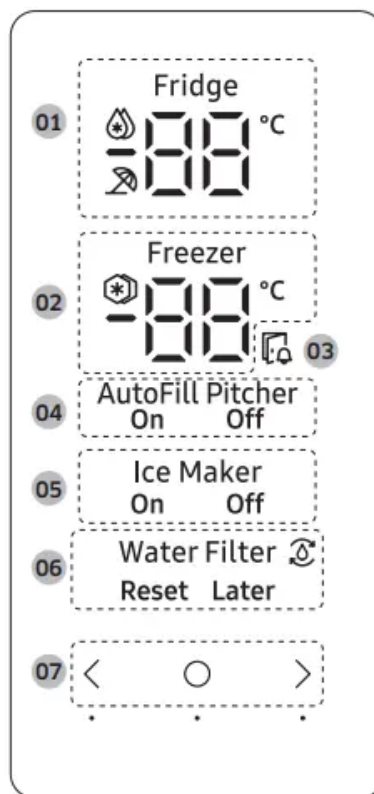
Operations






Control panel


TYPE A



TYPE B







01 Fridge indicator	<ul style="list-style-type: none"> • Displays the current or desired temperature of the fridge. •  indicates that the Power Cool function is on. •  indicates that the Vacation function is on.
02 Freezer indicator	<ul style="list-style-type: none"> • Displays the current or desired temperature of the freezer. •  indicates that the Power Freeze function is on.
03 Door open indicator	<ul style="list-style-type: none"> • This indicator blinks with an alarm if the door is left open for more than 2 minutes.
04 AutoFill Pitcher indicator	<p>The AutoFill Pitcher has 2 indicators (AutoFill Pitcher On / Off) to indicate its operating status.</p> <ul style="list-style-type: none"> • When the AutoFill operates, the corresponding indicator (AutoFill Pitcher On) turns on. • When the AutoFill is turned off, the corresponding indicator (AutoFill Pitcher Off) turns on. • To enable AutoFill Pitcher, you must turn on the AutoFill Pitcher.
05 Ice Maker indicator	<p>The ice maker has 2 indicators (Ice Maker On / Off) to indicate its operating status.</p> <ul style="list-style-type: none"> • When the ice maker operates, the corresponding indicator (Ice Maker On) turns on. • When the ice maker is turned off, the corresponding indicator (Ice Maker Off) turns on. • To enable ice making, you must turn the ice maker on.
06 Water Filter indicator	<ul style="list-style-type: none"> •  indicates that the water filter needs to be replaced. • When see the  icon, you can replace the water filter and reset the water filter replace alarm, or dismiss the alarm and change the filter later. (For more information, see the "Resetting or dismissing the water filter replacement alarm" section on page 52.


07 Buttons	<ul style="list-style-type: none"> • When the display is off, tap any button to wake up the display. • Tap  to select the desired item on the main panel and to confirm any setting changes. • Tap < or > to change the settings of the selected item on the main panel.
-------------------	--

Setting the desired temperature or function

Select the fridge or freezer and set the desired temperature or function of your choice.



1. Tap any button (< ,  , or >) to wake up the display. - This step may not apply to some models.
2. Tap  until the fridge or freezer indicator blinks. - The selected compartment's indicator blinks.
3. Tap < or > to select the desired temperature or function. - Refer to the table for available selection for each compartment.

Fridge	<ul style="list-style-type: none"> • Available selection (Celsius):  (Power Cool) ↔ 1 °C ↔ 2 °C ↔ 3 °C ↔ 4 °C ↔ 5 °C ↔ 6 °C ↔ 7 °C ↔  (Vacation) • Power Cool speeds up the cooling process at maximum fan speed. The fridge keeps running at full speed for two and a half hours and then returns to the previous temperature.
Freezer	<ul style="list-style-type: none"> • Available selection (Celsius): (Power Freeze) ↔ -23 °C ↔ -22 °C ↔ -21 °C ↔ -20 °C ↔ -19 °C ↔ -18 °C ↔ -17 °C ↔ -16 °C ↔ -15 °C • Power Freeze speeds up the freezing process at maximum fan speed. • The freezer keeps running at full speed for 50 hours and then returns to the previous temperature. To freeze large amounts of food, activate Power Freeze for at least 20 hours before putting food in the freezer. <p>NOTE</p> <p>When you use this function, the energy consumption of the refrigerator will increase. Remember to turn it off when you do not need it and return the freezer to your original temperature setting.</p>

4. Wait for 5 seconds or tap  to confirm your selection. - The selected compartment's indicator stops blinking.




Turning on or off the AutoFill Pitcher

You can turn on or off the AutoFill Pitcher in fridge.


1. Tap any button (<, , or >) to wake up the display. - This step may not apply to some models.
2. Tap until the AutoFill Pitcher indicator blinks.
3. Tap < or > to turn on or off the AutoFill Pitcher.
 - Tap < to turn it on.
 - Tap > to turn it off.
4. Wait for 5 seconds or tap  to confirm your selection. - The AutoFill Pitcher indicator stops blinking.



Turning on or off the ice maker

You can turn on or off the auto ice maker in the freezer.

1. Tap any button (<, , or >) to wake up the display. - This step may not apply to some models.
2. Tap  until the Ice Maker indicator blinks.
3. Tap or to turn on or off the ice maker.
 1. Tap < to turn it on.
 2. Tap > to turn it off.
4. Wait for 5 seconds or tap  to confirm your selection. - The Ice Maker indicator stops blinking.

Resetting or dismissing the water filter replacement alarm

The water filter replacement icon () blinks to alert the user that it is time to replace the water filter. You can replace the water filter immediately and reset the water filter replacement alarm, or dismiss the alarm if you want to change the water filter later.

1. Tap any button (<, , or >) to wake up the display. - This step may not apply to some models.
2. Tap  until the Water Filter indicator blinks.

3. Tap < or > to select Reset or Later.

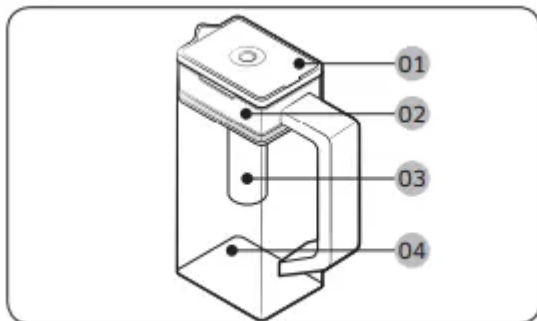
- If you have changed the water filter, tap < to reset the water filter replacement alarm.
- If you want to change the water filter later and dismiss the alarm, tap > .

4. Wait for 5 seconds or tap to confirm your selection. - The Water Filter indicator stops blinking.

Special features

Water pitcher (Autofill Pitcher) (applicable models only)

Cold, purified water is always ready in the AutoFill Pitcher. You can put tea or fruits in the infuser to enjoy the various infused water you like.



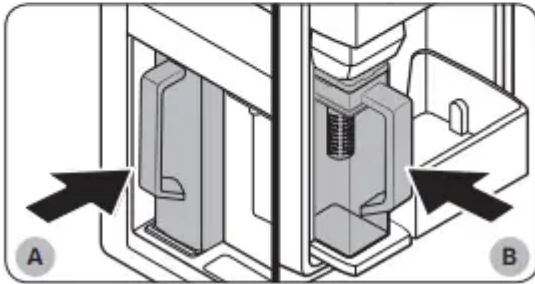
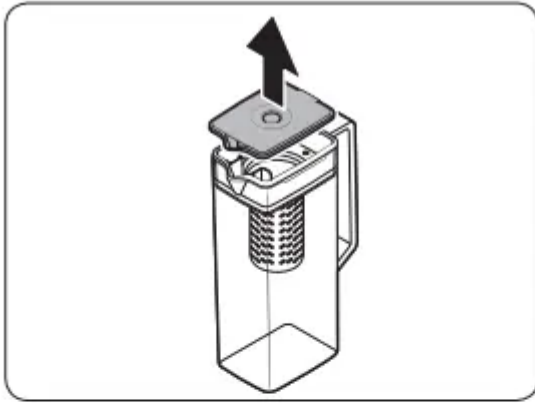
01. Lid

02. Infuser holder

03. Infuser

04. Body

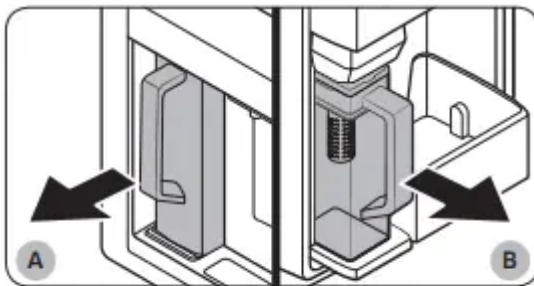
To fill the Water pitcher



A. Type A models

B. Type B models

1. Grasp a handle groove of the lid, and then pull up to open the lid.
2. Put tea leaves or fruit to your taste into the infuser.
3. Enable the Autofill Pitcher function on the control panel. Open the Beverage Center door (Type A) or the left door of the fridge (Type B), and then mount the water pitcher onto the holder. Push it straight in as shown in the figure. 4
4. Close the door. The water pitcher will start to fill with chilled water a short time later.



A. Type A models

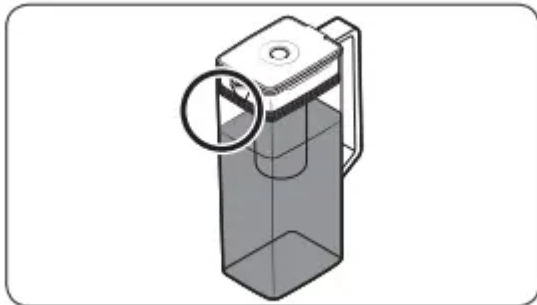
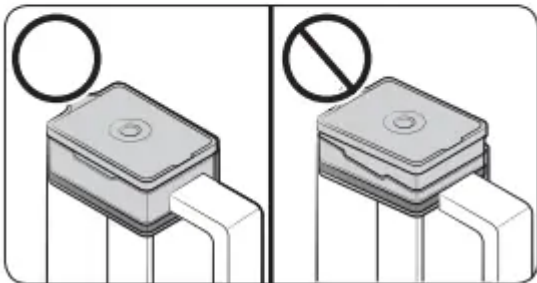
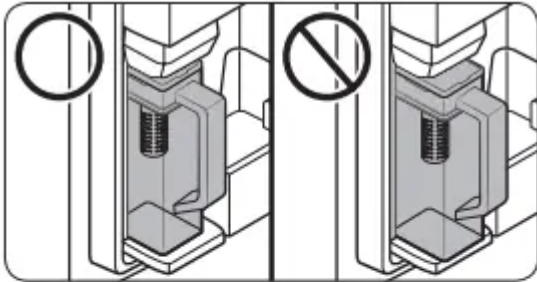
B. Type B models

5. To drink tea, open the Beverage Center door (Type A) or the left door of the fridge (Type B), and then detach the water pitcher. Pull it straight out.

CAUTION

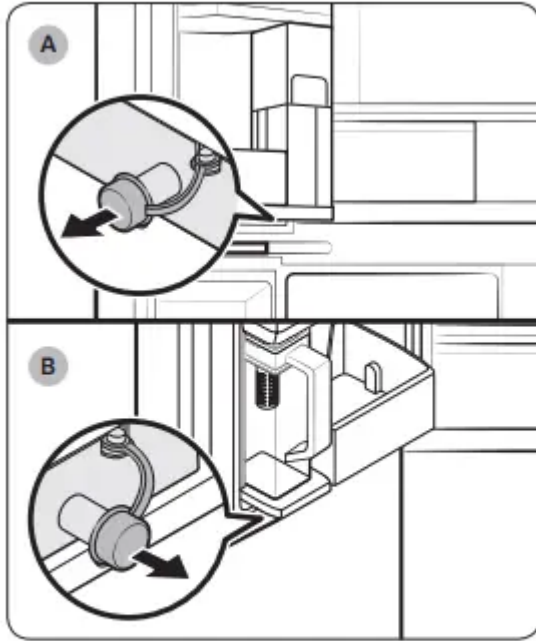
- We recommend consuming fruit infused water within 24 hours. After that, the infused water can spoil over time.

- You must clean the water pitcher after you have consumed the infused water. Also clean the water pitcher if you haven't used it for a long time.
- To prevent the water pitcher from tipping over or leaking, make sure the water pitcher fits in the water pitcher holder.
- To prevent the water pitcher from spilling over or leaking, make sure the infuser holder is properly inserted.



NOTE

- If the front side (specifically marked area) of the water pitcher has too much moisture, the water pitcher may not fully fill. Remove the moisture, and then try again.
- Autofill Pitcher function will stop supplying water to the water pitcher if the water pitcher does not fill after a certain amount of time. If this happens, check if the water line is properly connected. Remove and reinsert the water pitcher, and then try again.

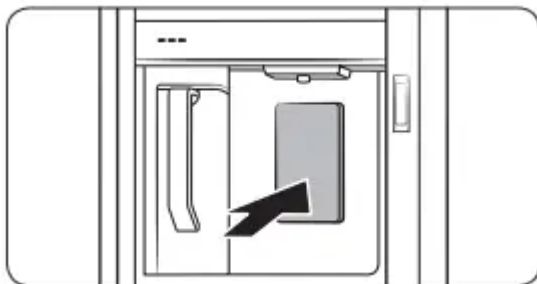


A. Type A models
B. Type B models

NOTE

- Wipe around the water pitcher holder if the water pitcher overflows or leaks.
- Water drops off if the rubber cap is opened.
- An alert message appears on the control panel if there is a leak. In case of a leak, open the rubber cap so that the leaked water drains. If the alert message does not disappear after draining, there might be a system failure. Contact your local Samsung service center.

Water dispenser (applicable models only)



- To dispense chilled water, open the Beverage Center and press the dispenser lever.

NOTE

- The dispenser will stop dispensing if you keep pushing the dispenser lever for about 1 minute. To dispense more water, release and push the lever again.

- Make sure the glass is in line with the dispenser to prevent the dispensed water from spilling out.
- If you do not use the water dispenser for 2-3 days, the dispensed water may have an abnormal smell or taste. This is not a system failure. Discard the first 1-2 glasses of water.

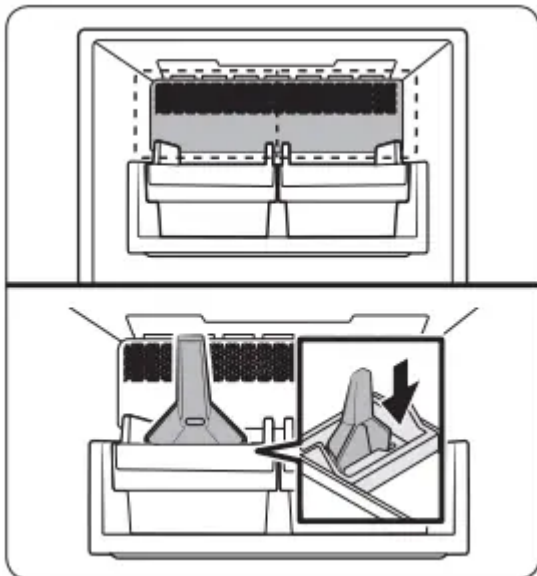
Water clouding

- Water supplied to the refrigerator flows through a core alkaline filter. During this filtering process, the water pressure of the water increases and the water becomes saturated with oxygen and nitrogen. This causes the water to look misty or cloudy temporarily when dispensed. This is normal and the water will look clear after a few seconds.

Auto Ice maker (applicable models only)

The refrigerator has a built-in ice maker that automatically dispenses ice.

- The overall design and/or accessories may differ with the model.



- This product has two types of ice makers.

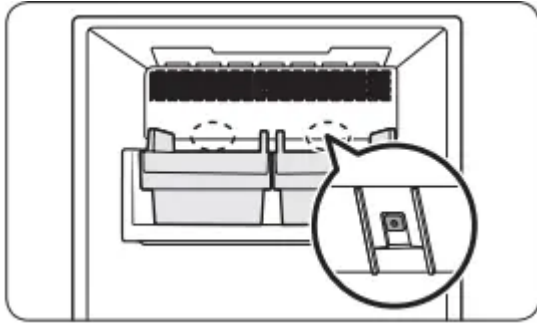
Ice making

- After you have installed your refrigerator and plugged it in, follow these instructions to ensure proper ice making and to keep the ice bucket full of ice.

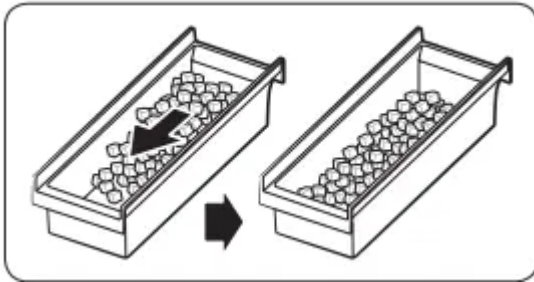
For first-time use

- Let the ice maker make ice for 1-2 days.
- Discard the first 1-2 buckets of ice to remove impurities in the water supply system.

Diagnosis

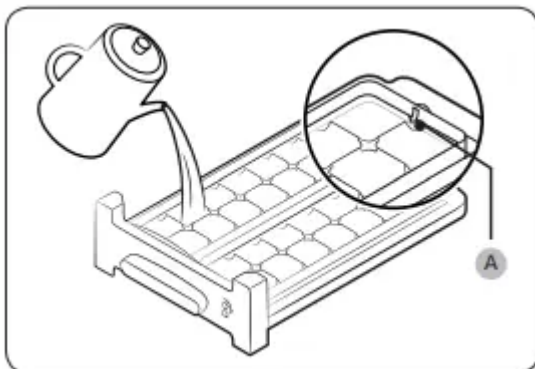


- The overall design and/or accessories may differ with the model.
- If ice does not dispense, first check the status of ice maker using the Test button on the bottom of the ice maker.
- Press the Test button on the back of the ice maker. You will hear a chime (dingdong) when you press the button. You will hear another chime if the ice maker is operating properly.



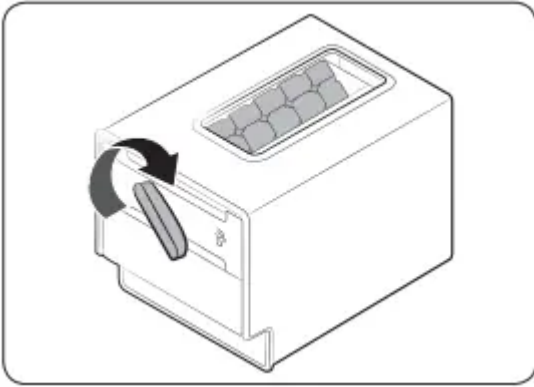
- Ice accumulating on one side of the tray is normal. Arrange the ice evenly in the tray to store more ice.

Twist ice maker (applicable models only)

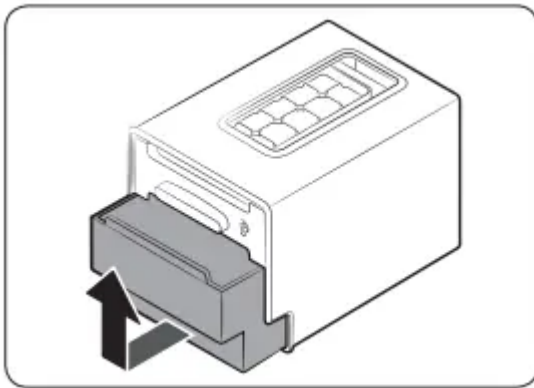


1. Open the freezer door, and slide open the ice tray.
2. Fill the tray with water up to the maximum level (A) marked on the inner rear of the tray.
3. Slide the tray back into position.

4. When the water freezes into ice cubes, turn the ice tray handle clockwise to empty the ice cubes into the ice box. Repeat this until all the ice cubes are emptied into the ice box.



5. To remove the ice box, gently lift up and pull out.



Maintenance

Handling and care

Ice bucket (applicable models only)

If you do not dispense ice for an extended period, ice may form clumps inside the bucket. If this happens, remove and empty the ice bucket.

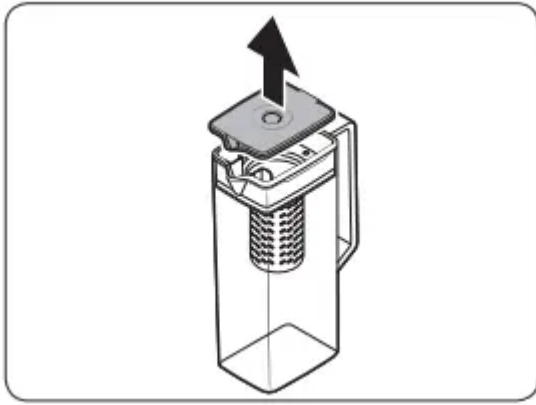
CAUTION

- To prevent injury, make sure to clean up any ice or water that has fallen on the floor.
- To prevent accidents or injury, do not let children play with the water dispenser or the ice maker.
- Use only the provided ice bucket. Third-party ice buckets may cause a system failure.

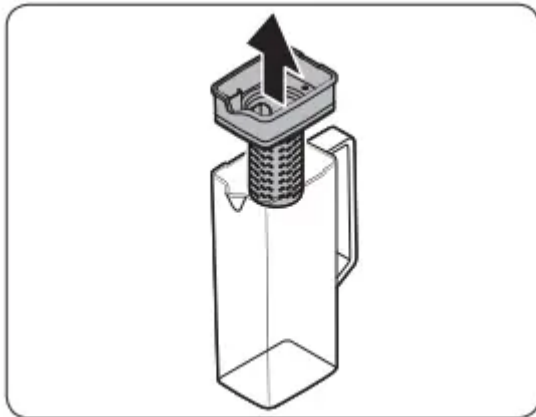
NOTE

- The water pressure required for ice making is between 206-861 kPa.
- Noise from the ice maker as it produces ice during the ice making process is normal.

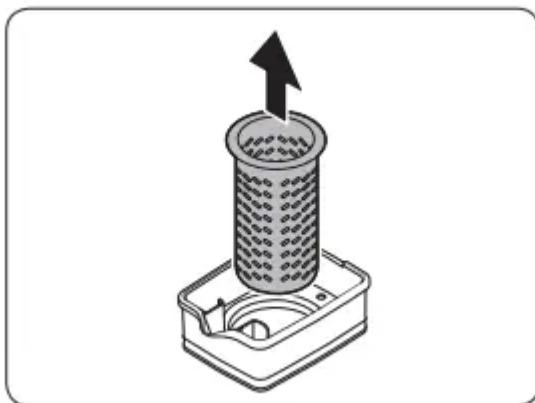
Autofill pitcher (applicable models only)



1. Grasp a handle groove of the lid, and then pull up to remove.



2. Grasp both sides of the infuser holder, and then lift to remove.



3. While slightly twisting the infuser, pull it out of the sealed mouth.

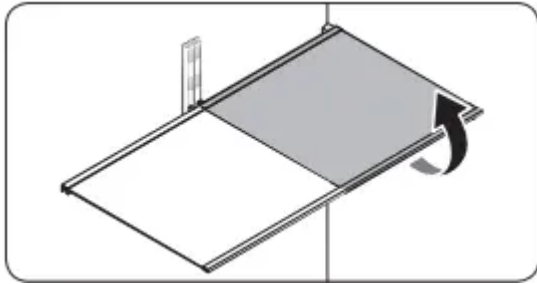
4. Clean the infuser with neutral agents and running water. Rinse and dry well.

5. Reassemble the Autofill pitcher in the reverse order of disassembly.

CAUTION: The water pitcher and lid are not microwave safe and can melt or deform if exposed to heat (including hot water). Please hand wash in cool or warm water as needed.

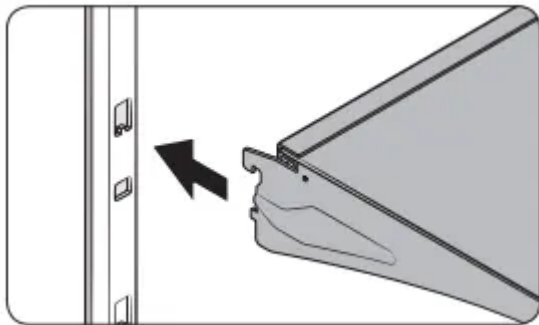
Fridge shelves

The appearance of the shelves differs by model.

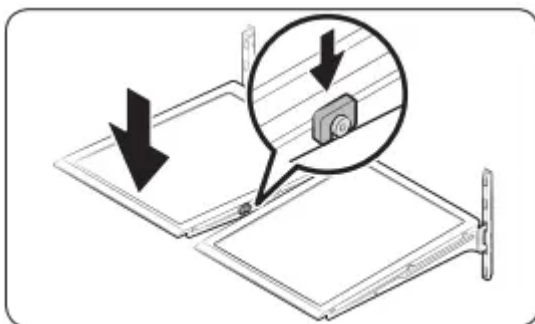


- To remove a shelf, fully open the corresponding door. Hold the front of the shelf, and then gently lift up and pull out.

NOTE: Do not lift up the shelf fully when removing or reinserting the shelf. The rear wall of the fridge room can be dented.



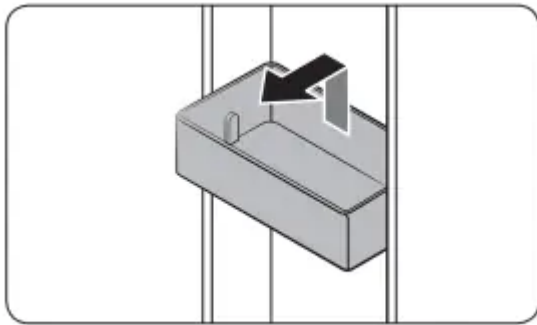
- To reinsert, hold the shelf at an angle so the front is higher than the back, and then insert the top hook into the top shelf notch. Then, lower the shelf and insert the bottom shelf hook into the bottom shelf notch.



CAUTION

- The tempered glass shelves are heavy. Use caution when removing them.
- The shelf must be inserted correctly. Do not insert upside down.
- Glass containers may scratch the surface of glass shelves.

Door bins



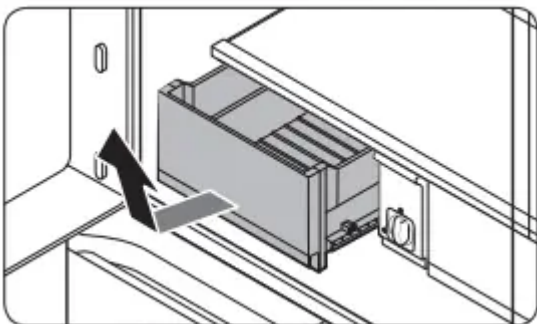
- To remove the door bin, hold the front sides of the bin, and then gently lift up to remove.
- To reinsert, insert the door bin slightly above its final location making sure that the back of the bin is against the door. Hold the rear of the door bin with both hands, and then press down so that it fits snugly

CAUTION

- Do not remove a bin that is filled with food. Empty the bin beforehand.
- Use caution when opening the door if the bottom bin contains larger bottles, which may fall over.
- Do not allow children to play with the bins. Sharp corners of the bin may cause injury.

Fridge drawers

Crisper / Flex Crisper Drawers (applicable models only)



Gently lift up the front of the drawer and slide out.

- We recommend that you remove the door bins before removing the drawer. This is to prevent damage to the door bins.
- To reinsert, insert the drawer into the frame rails and then slide inward.

Cleaning

Interior and exterior

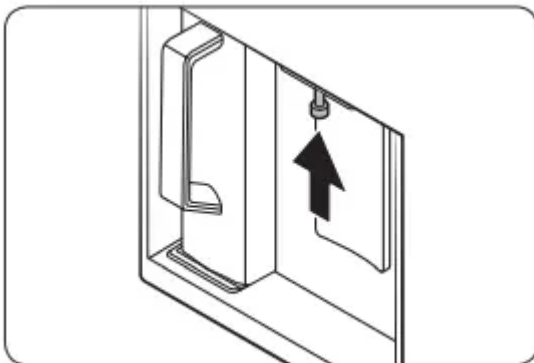
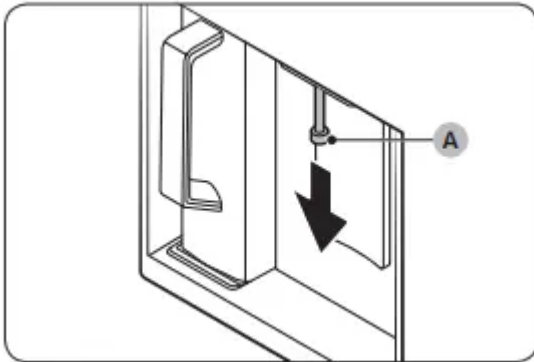
WARNING

- Do not use benzene, thinner, home/car detergent, or Clorox™ to clean the refrigerator. They may damage the surface of the refrigerator and cause a fire.
- Do not spray water onto the refrigerator. This may cause electric shock.

Regularly use a dry cloth to remove all foreign substances such as dust or water from the power plug terminals and contact points.

1. Unplug the power cord.
2. Use a moistened, soft, lint-free cloth or paper towel to clean the refrigerator's interior and exterior.
3. When done, use a dry cloth or paper towel to dry well.
4. Plug in the power cord.

Dispenser cock (applicable models only)



1. Hold the end of the dispenser cock (A).
2. While turning the dispenser cock (A) left, pull it down to remove it from the dispenser.
3. Clean the dispenser cock thoroughly, and then assemble it back.

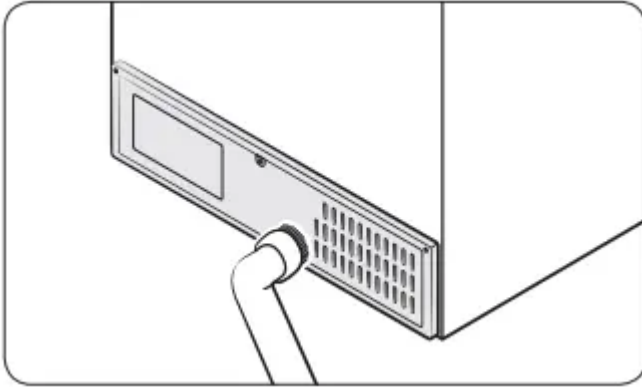
CAUTION

- Fully insert the dispenser cock, so it is back to its original position.
- Do not use a scrub with rough textures for cleaning the dispenser cock.

Rubber seals

- If the rubber seals of a door become dirty, the door may not close properly and reducing refrigerator performance and efficiency. Use a mild detergent and damp cloth to clean the rubber seals. Then, dry well with a cloth.

Rear panel



- To keep cords and exposed parts of the rear panel free of dirt, vacuum the panel once or twice a year.


CAUTION: Do not remove the rear panel cover. Electric shock may occur

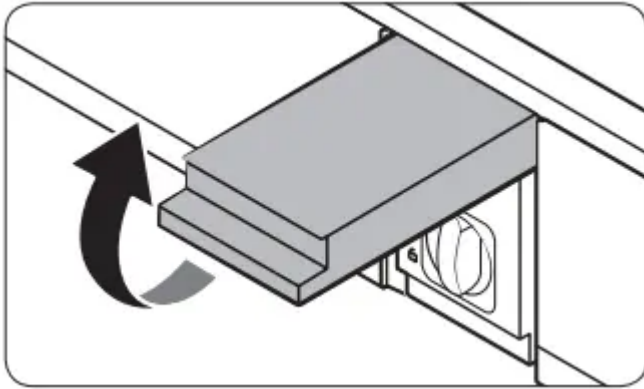
Replacement

Water filter (applicable models only)

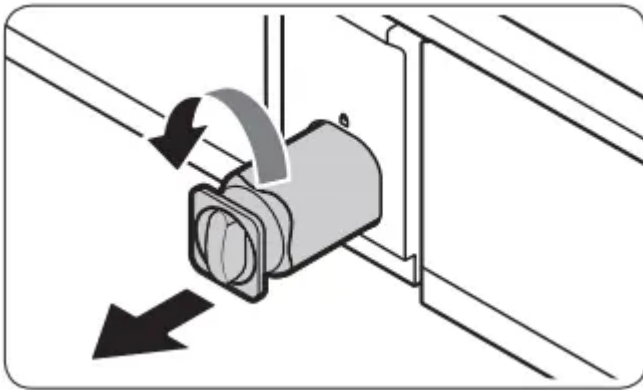
WARNING

- Do not use third-party water filters. Use only Samsung-provided or -approved filters.
- Unapproved filters may leak and damage the refrigerator, causing electric shock. Samsung is not responsible for any damage that may occur from use of third-party water filters.

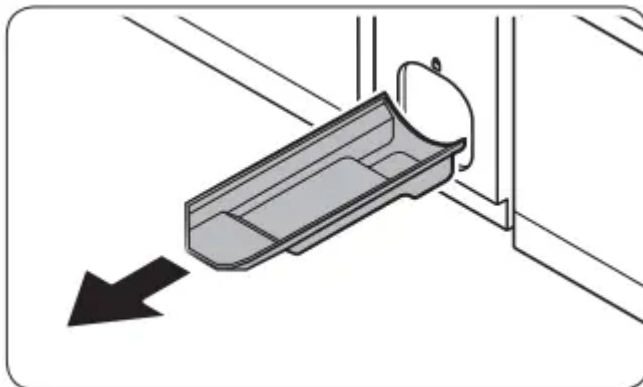
The water filter replacement icon () blinks to let you know it is time to replace the water filter. Before replacing the filter, make sure the water supply line is shut off.



1. Shut off the water supply line.
2. Open the filter cartridge cover.
3. Turn the knob of the filter cartridge counter clockwise 90 degrees (1/4 turn). The filter cartridge unlocks.



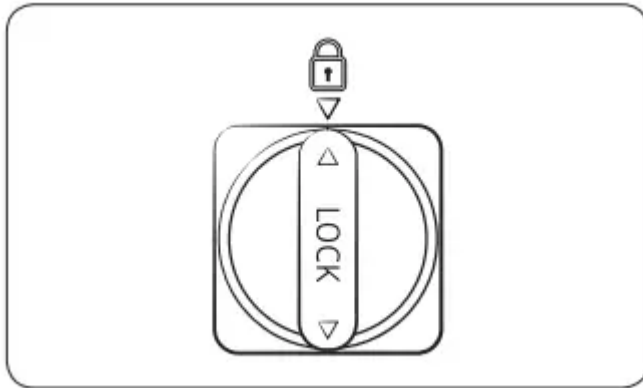
4. Pull out to remove the cartridge.



- If the water filter is severely contaminated, the cartridge may not be easy to remove. If that is the case, use force to remove the cartridge.
- To prevent water leaks from the filter opening, pull the cartridge straight out while removing it.

5. Insert a new filter cartridge. Use only Samsung-provided or approved filters.
6. Turn the cartridge knob clockwise to lock into place.

7. Close the filter cartridge cover.



8. Reset the water filter replacement alarm. (For detailed instructions, see the "Resetting or dismissing the water filter replacement alarm" section on page 52.)

NOTE

- A newly installed filter may cause the water dispenser to spurt water briefly. This is because air has entered the waterline.
- The replacement process may cause the water dispenser to drip for a short period of time. If it drips, simply wipe up any water on the floor with a dry towel.

Reverse osmosis water filtration system

The water pressure of the water supply system to a reverse osmosis water filtration system must be between 206-861 kPa.

The water pressure of the reverse osmosis water filtration system to the refrigerator's cold water line must be at least 206 kPa. If the water pressure is below these specifications:

- Check if the sediment filter in the reverse osmosis system is blocked. Replace the filter if necessary.
- Refill the water tank in the reverse osmosis system with water.
- If your refrigerator has a water filter, it may further reduce the water pressure when used in conjunction with a reverse osmosis system. Remove the water filter.

For more information or servicing, contact a licensed plumbing professional.

Ordering a new filter

- To purchase a new water filter, contact a local Samsung service center.

LED Lamps

- To replace the lamps of the refrigerator, contact a local Samsung service center.

WARNING: The lamps are not user-serviceable. Do not attempt to replace a lamp yourself. This can cause electric shock.

Troubleshooting

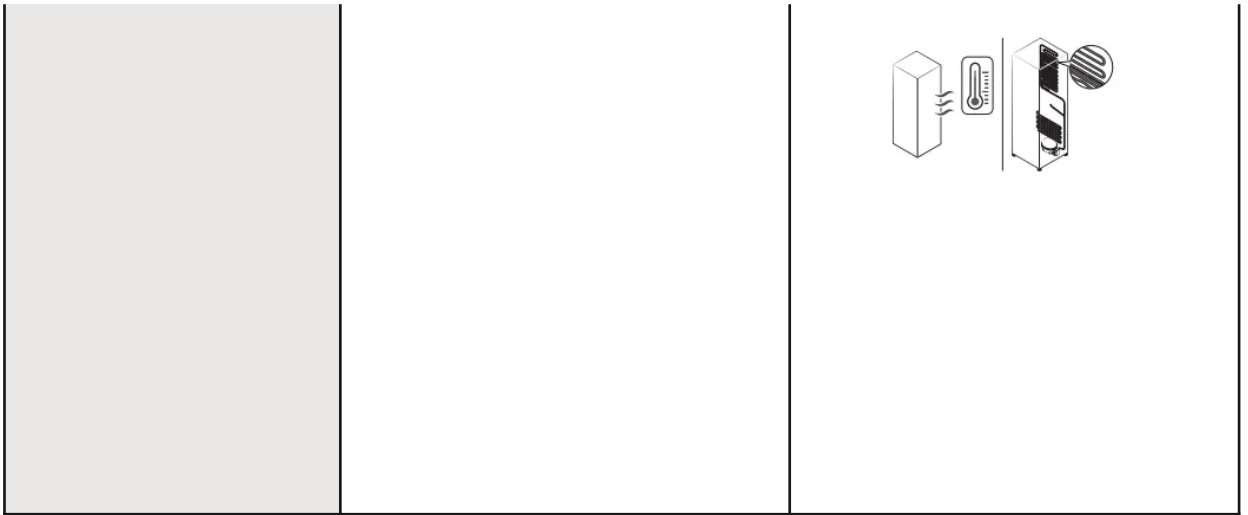
Before calling for service, review the checkpoints below. Any service calls regarding normal situations (No Defect Cases) will be charged to users.

General

Temperature



Symptom	Possible causes	Solution
<p>Fridge/freezer does not operate.</p> <p>Fridge/freezer temperature is warm.</p>	<ul style="list-style-type: none"> • Power cord is not plugged in properly. 	<ul style="list-style-type: none"> • Properly plug in the power cord.
	<ul style="list-style-type: none"> • Temperature control is not set correctly. 	<ul style="list-style-type: none"> • Set the temperature lower.
	<ul style="list-style-type: none"> • Refrigerator is located near a heat source or direct sunlight. 	<ul style="list-style-type: none"> • Keep the refrigerator away from direct sunlight or a heat source.
	<ul style="list-style-type: none"> • Not enough clearance between refrigerator and nearby walls or cabinets. 	<ul style="list-style-type: none"> • Make sure there is a gap of at least 5 cm between the refrigerator back and sides and any nearby walls or cabinets.
	<ul style="list-style-type: none"> • The refrigerator is overloaded. Food is blocking the refrigerator vents. 	<ul style="list-style-type: none"> • Do not overload the refrigerator. Do not allow food to block vents.
Fridge/freezer is over-cooling.	<ul style="list-style-type: none"> • Temperature control is not set correctly. 	<ul style="list-style-type: none"> • Set the temperature higher.
Interior wall is hot.	<ul style="list-style-type: none"> • Refrigerator has heat-proof piping in the interior wall. 	<ul style="list-style-type: none"> • To prevent condensation from forming, the refrigerator has heat-proof piping in the front corners. If the ambient temperature rises, this equipment may not work effectively. This is not a system failure.



Odors

Symptom	Possible causes	Solution
Refrigerator has odors.	<ul style="list-style-type: none"> • Spoiled food. 	<ul style="list-style-type: none"> • Clean the refrigerator and remove any spoiled food.
	<ul style="list-style-type: none"> • Food with strong odors. 	<ul style="list-style-type: none"> • Make sure strong smelling food is wrapped airtight.

Frost

Symptom	Possible causes	Solution
Frost around the vents.	<ul style="list-style-type: none"> • Food is blocking the vents. 	<ul style="list-style-type: none"> • Make sure no food blocks the refrigerator vents.
Frost on interior walls.	<ul style="list-style-type: none"> • Door is not closed properly. 	<ul style="list-style-type: none"> • Make sure food does not block the door. Clean the door gasket.

Condensation

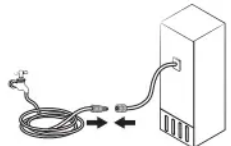
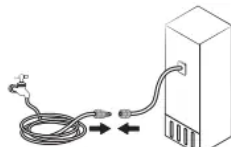
Symptom	Possible causes	Solution
Condensation forms on the interior walls.	<ul style="list-style-type: none">• If door is left open, moisture enters the refrigerator.	<ul style="list-style-type: none">• Remove the moisture and do not leave a door open for extended periods of time.
	<ul style="list-style-type: none">• Food with high moisture content.	<ul style="list-style-type: none">• Make sure food is wrapped airtight.



Water/ice (dispenser models only)



Symptom	Possible causes	Solution
Water flow is weaker than normal.	<ul style="list-style-type: none"> • Water pressure is too low. 	<ul style="list-style-type: none"> • Make sure the water pressure is between 206861 kPa.
Ice maker makes a buzzing sound.	<ul style="list-style-type: none"> • The ice maker function is activated, but the water supply to the refrigerator has not been connected. 	<ul style="list-style-type: none"> • Turn off the Ice Maker.
Ice maker does not make ice.	<ul style="list-style-type: none"> • Ice maker has just been installed. 	<ul style="list-style-type: none"> • You must wait for 12 hours for the refrigerator to make ice.
	<ul style="list-style-type: none"> • Freezer temperature is too high. 	<ul style="list-style-type: none"> • Set the freezer temperature below -18 °C or -20 °C in warm ambient air.
	<ul style="list-style-type: none"> • Ice maker is off. 	<ul style="list-style-type: none"> • Turn on the ice maker.
Ice does not dispense.	<ul style="list-style-type: none"> • Ice may jam if the ice dispenser is not used for a long time (approx. 3 weeks). 	<ul style="list-style-type: none"> • If you won't be using the refrigerator for a long time, empty the ice bucket and turn off the ice maker.
	<ul style="list-style-type: none"> • Ice bucket is not properly inserted. 	<ul style="list-style-type: none"> • Make sure the ice bucket is properly inserted.
	<ul style="list-style-type: none"> • Water line is not connected properly or water supply is not on. 	<ul style="list-style-type: none"> • Check if the water line is installed correctly. Check if the water line stopcock is closed.

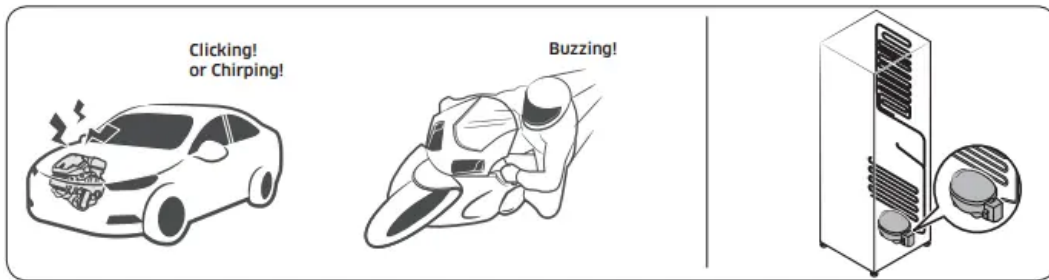
		
Water does not dispense.	<ul style="list-style-type: none"> • Water line is not connected properly or water supply is not on. 	<ul style="list-style-type: none"> • Check if the water line is installed correctly. Check if the water line stopcock is closed. 
	<ul style="list-style-type: none"> • A third-party water filter was installed. 	<ul style="list-style-type: none"> • Use only Samsung-provided or approved filters. • Unapproved filters may leak and damage the refrigerator.
	<ul style="list-style-type: none"> • The "Replace water filter" message appears on the control panel. 	<ul style="list-style-type: none"> • Replace the water filter. Then, reset the water filter replacement alarm. (For detailed instructions, see the "Resetting or dismissing the water filter replacement alarm" section on page 52.)

Do you hear abnormal sounds from the refrigerator?

Before calling for service, review the checkpoints below. Any service calls related to normal sounds will be charged to the user

These sounds are normal.

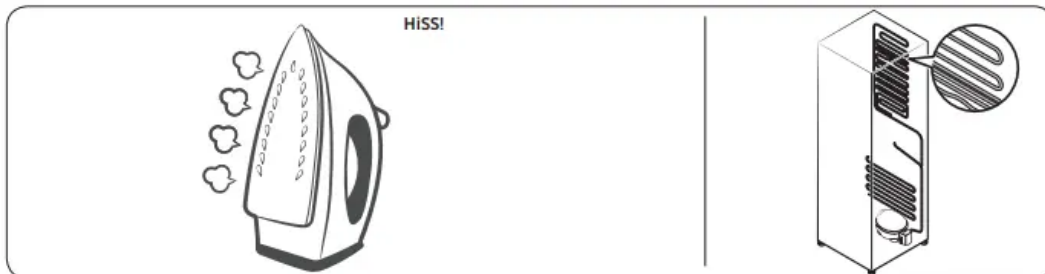
- When starting or ending an operation, the refrigerator may make sounds similar to a car engine igniting. As the operation stabilizes, the sounds will decrease.



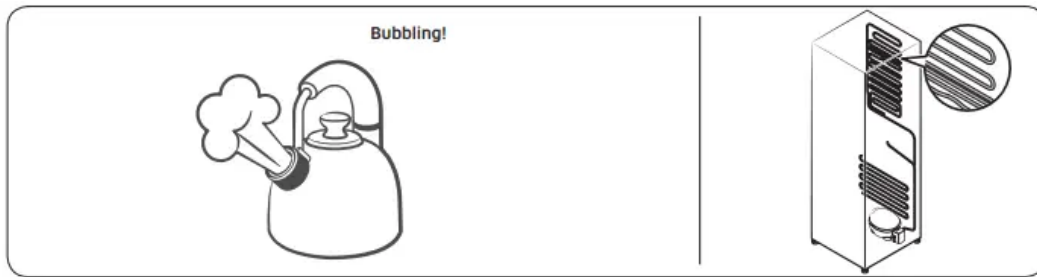
- While the fan is operating, these sounds may occur. When the refrigerator reaches the set temperature, no fan sound will occur.



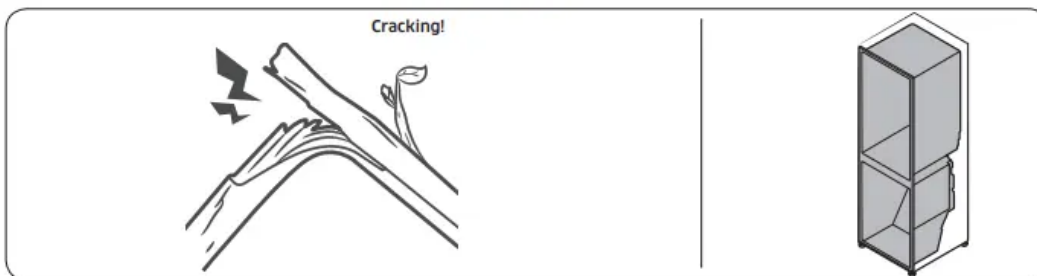
- During a defrost cycle, water may drip on the defrost heater, causing sizzling sounds.



- As the refrigerator cools or freezes, refrigerant gas moves through sealed pipes, causing bubbling sounds.



- As the refrigerator temperature increases or decreases, plastic parts contract and expand, creating knocking noises. These noises occur during the defrosting cycle or when electronic parts are working.



- For ice maker models: When the water valve opens to fill the ice maker, buzzing sounds may occur.
- Due to pressure equalizing when opening and closing the refrigerator door, whooshing sounds may occur.

Warning

This content is compiled from multiple sources and is provided for reference purposes only. It may not be complete or fully applicable to all situations. If you are unable to resolve your issue, please contact the product manufacturer or an authorized service provider for official support.