



Refrigerator user manual

Free Standing Appliance

English

Imagine the possibilities

Thank you for purchasing this Samsung product.

SAMSUNG

Safety information

- Before using your new Samsung Refrigerator, please read this manual thoroughly to ensure that you know how to operate the features and functions that your new appliance offers safely and efficiently.
- This appliance is not intended for use by persons (including children) with reduced physical, sensory, or mental capabilities, or those who lack experience and knowledge, unless they have been given supervision or instruction concerning the use of the appliance by a person responsible for their safety.
- This appliance can be used by children aged from 8 years and above and persons with reduced physical, sensory or mental capabilities or lack of experience and knowledge if they have been given supervision or instruction concerning use of the appliance in a safe way and understand the hazards involved.

Children shall not play with the appliance. Cleaning and user maintenance shall not be made by children without supervision.

Children aged from 3 to 8 years are allowed to load and unload refrigerating appliances.

- Warnings and Important Safety Instructions in this manual do not cover all possible conditions and situations that may occur. It is your responsibility to use common sense, caution, and care when installing, maintaining, and operating your appliance.
- Because these following operating instructions cover various models, the characteristics of your refrigerator may differ slightly from those described in this manual and not all warning signs may be applicable. If you have any questions or concerns, contact your nearest service center or find help and information online at www.samsung.com.
- R-600a or R-134a is used as a refrigerant. Check the compressor label on the rear of the appliance or the rating label inside the fridge to see which refrigerant is used for your refrigerator. When this product contains flammable gas (Refrigerant R-600a), contact your local authority in regard to safe disposal of this product.
- In order to avoid the creation of a flammable gas-air mixture if a leak in the refrigerating circuit occurs, the size of the room in which the appliance may be sited depends on the amount of refrigerant used.

- Never start up an appliance showing any signs of damage. If in doubt, consult your dealer. The room must be 1 m³ in size for every 8 g of R-600a refrigerant inside the appliance. The amount of refrigerant in your particular appliance is shown on the identification plate inside the appliance.
- Refrigerant squirting out of the pipes could ignite or cause an eye injury. When refrigerant leaks from the pipe, avoid any naked flames and move anything flammable away from the product and ventilate the room immediately.
 - Failing to do so may result in fire or explosion.
- It is hazardous for anyone other than an Authorized Service Person to service this appliance.
- To avoid contamination of food, please respect the following instructions:
 - Opening the door for long periods can cause a significant increase of the temperature in the compartments of the appliance.
 - Clean regularly surfaces that can come in contact with food and accessible drainage systems.
 - Clean water tanks if they have not been used for 48 h; flush the water system connected to a water supply if water has not been drawn for 5 days.
 - Store raw meat and fish in suitable containers in the refrigerator, so that it is not in contact with or drip onto other food.
 - Two-star frozen-food compartments are suitable for storing pre-frozen food, storing or making icecream and making ice cubes.
 - One-, two- and three-star compartments are not suitable for the freezing of fresh food
 - If the refrigerating appliance is left empty for long periods, switch off, defrost, clean, dry, and leave the door open to prevent mould developing within the appliance.



Warning; Risk of fire / flammable materials

Safety information

Important safety symbols and precautions:

Please follow all safety instructions in this manual. This manual uses the following safety symbols.

WARNING

Hazards or unsafe practices that may result in **severe personal injury, property damage, and/or death.**

CAUTION

Hazards or unsafe practices that may result in **severe personal injury and/or property damage.**

NOTE

Useful information that helps users understand or benefit from the refrigerator.

These warning signs are here to prevent injury to you and others.

Please follow them carefully.

After reading this section, keep it in a safe place for future reference.

Severe warning signs for transportation and site

WARNING

- When transporting and installing the appliance, care should be taken to ensure that no parts of the refrigerating circuit are damaged.
 - Refrigerant leaking from the pipe work could ignite or cause an eye injury. If a leak is detected, avoid any naked flames or potential sources of ignition and air the room in which the appliance is standing for several minutes.
 - This appliance contains a small amount of isobutane refrigerant (R-600a), a natural gas with high environmental compatibility that is, however, also combustible. When transporting and installing the appliance, care should be taken to ensure that no parts of the refrigerating circuit are damaged.
- When transporting and installing the refrigerator, do not touch the water hose on the back side of the refrigerator.
 - This may damage the refrigerator and as a result the water dispenser can not be used.

Critical installation warnings

WARNING

- Do not install the refrigerator in a damp location or place where it may come in contact with water.
 - Deteriorated insulation on electrical parts may cause an electric shock or fire.
- Do not place this refrigerator in direct sunlight or expose it to the heat from stoves, room heaters, or other appliances.

Safety information

- Do not plug several appliances into the same multiple power strip. The refrigerator should always be plugged into its own individual electrical outlet which has a voltage rating that matches the voltage listed on the refrigerator's rating plate.
 - This provides the best performance and also prevents overloading of house wiring circuits, which could cause a fire hazard from overheated wires.
- If the wall socket is loose, do not insert the power plug.
 - There is a risk of electric shock or fire.
- Do not use a power cord that has cracks or abrasion damage along its length or at either end.
- Do not bend the power cord excessively or place heavy objects on it.
- Do not pull or excessively bend the power cord.
- Do not twist or tie the power cord.
- Do not hook the power cord over a metal object, place a heavy object on the power cord, insert the power cord between objects, or push the power cord into the space behind the appliance.
- When moving the refrigerator, be careful not to roll over or damage the power cord.
 - This may result in an electric shock or fire.
- Never unplug your refrigerator by pulling on the power cord. Always grip the plug firmly and pull straight out from the outlet.
 - Damage to the cord may cause a short-circuit, fire, and/or electric shock.
- Do not store explosive substances such as aerosol cans with a flammable propellant in this appliance.
- Do not install this appliance near a heater or inflammable material.
- Do not install this appliance in a location where gas may leak.
 - This may result in an electric shock or fire.

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- This refrigerator must be properly located and installed in accordance with the instructions in this manual before you use it.
 - Connect the power plug in the proper position with the cord hanging down.
 - If you connect the power plug upside down, the wire can get cut off and cause a fire or electric shock.
 - Make sure that the power plug is not crushed or damaged by the back of the refrigerator.
 - Keep the packing materials out of reach of children.
 - There is a risk of death from suffocation if a child puts the packing materials on his or her head.
 - The appliance must be positioned so that the plug is accessible after installation.
 - Failing to do so may result in an electric shock or fire due to electric leakage.
 - Do not install this appliance in a humid, oily or dusty location, in a location exposed to direct sunlight and water (rain drops).
 - Deteriorated insulation of electrical parts may cause an electric shock or fire.
 - If any dust or water is in the refrigerator, pull out power plug and contact your Samsung Electronics service center.
 - Otherwise there is a risk of fire.
 - Do not stand on top of the appliance or place objects (such as laundry, lighted candles, lighted cigarettes, dishes, chemicals, metal objects, etc.) on the appliance.
 - This may result in an electric shock, fire, problems with the product, or injury.
 - You need to remove all the protective plastic film before you initially plug the product in.

Safety information

- Children should be supervised to ensure that they do not play with the snap rings used for door adjustment or the water tube clips.
 - There is risk of death by suffocation if a child swallows a snap ring or water tube clip. Keep the snap rings and water tube clips out of children's reach.
- The refrigerator must be safely grounded.
 - Always make sure that you have grounded the refrigerator before attempting to investigate or repair any part of the appliance. Power leakages can cause severe electric shock.
- Never use gas pipes, telephone lines, or other potential lightning attractors as an electrical ground.
 - You must ground the refrigerator to prevent any power leakages or electric shocks caused by current leakage from the refrigerator.
 - This may result in an electric shock, fire, explosion, or problems with the product.
- Plug the power plug into the wall socket firmly. Do not use a damaged power plug, damaged power cord, or loose wall socket.
 - This may result in an electric shock or fire.
- If the power cord is damaged, have it replaced immediately by the manufacturer or one of its service agents.
- The fuse on the refrigerator must be changed by a qualified technician or service company.
 - Failing to do so may result in an electric shock or personal injury.

Installation cautions

CAUTION

- Allow sufficient space around the refrigerator and install it on a flat surface.
 - Keep the ventilation space in the appliance enclosure or mounting structure clear of obstructions.
- Allow the appliance to stand for 2 hours before loading foods after installation and turning on.
- We strongly recommend you have a qualified technician or service company install the refrigerator.
 - Failing to do so may result in an electric shock, fire, explosion, problems with the product, or injury.
- Overload on any one door may fell the refrigerator, causing physical injury.

Critical usage warnings

WARNING

- Do not insert the power plug into a wall socket with wet hands.
 - This may result in an electric shock.
- Do not store articles on the top of the appliance.
 - When you open or close the door, the articles may fall and cause personal injury and/or material damage.
- Do not insert hands, feet or metal objects (such as chopsticks, etc.) into the bottom or the back of the refrigerator.
 - This may result in an electric shock or injury.
 - Any sharp edges may cause a personal injury.
- Do not touch the inside walls of the freezer or products stored in the freezer with wet hands.
 - This may cause frostbite.

Safety information

- Do not put a container filled with water on the refrigerator.
 - If spilled, there is a risk of fire or electric shock.
- Do not keep volatile or flammable objects or substances (benzene, thinner, propane gas, alcohol, ether, LP gas, and other such products) in the refrigerator.
 - This refrigerator is for storing food only.
 - This may result in fire or explosion.
- Children should be supervised to ensure that they do not play with the appliance.
 - Keep fingers out of “pinch point” areas. Clearances between the doors and cabinet are necessarily small. Be careful when you open the doors if children are in the area.
- Do not let children hang on the door or door bins. A serious injury may occur.
- Do not let children go inside the refrigerator. They could become trapped.
- Do not insert your hands into the bottom area under the appliance.
 - Any sharp edges may cause personal injury.
- Do not store pharmaceutical products, scientific materials, or temperature sensitive products in the refrigerator.
 - Products that require strict temperature controls must not be stored in the refrigerator.
- Do not place or use electrical appliance inside the refrigerator/freezer, unless they are of a type recommended by the manufacturer.
- If you smell pharmaceutical or smoke, pull out power plug immediately and contact your Samsung Electronics service center.
- If any dust or water is in Refrigerator, pull out power plug and contact your Samsung Electronics service center.
 - Otherwise there is a risk of fire.

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- Do not let children step on a drawer.
 - The drawer may break and cause them to slip.
 - Do not leave the doors of the refrigerator open while the refrigerator is unattended and do not let children enter inside the refrigerator.
 - Do not allow babies or children go inside the drawer.
 - It can cause death from suffocation by entrapment or personal injury.
 - Do not overfill the refrigerator with food.
 - When you open the door, an item may fall out and cause personal injury or material damage.
 - Do not spray volatile material such as insecticide onto the surface of the appliance.
 - As well as being harmful to humans, it may also result in an electric shock, fire, or problems with the product.
 - Never put fingers or other objects into the water dispenser hole, ice chute and ice maker bucket.
 - It may cause a personal injury or material damage.
 - Do not use or place any substances sensitive to temperature such as flammable sprays, flammable objects, dry ice, medicine, or chemicals near or inside of the refrigerator.
 - Do not use a hair dryer to dry the inside of the refrigerator. Do not place a lighted candle in the refrigerator for removing bad odours.
 - This may result in an electric shock or fire.
 - Fill the water tank, ice tray and water cubes only with potable water (mineral water or purified water).
 - Do not fill the tank with tea, juice or sports drink, this may damage the refrigerator.

Safety information

- Do not stand on top of the appliance or place objects (such as laundry, lighted candles, lighted cigarettes, dishes, chemicals, metal objects, etc.) on the appliance. This may result in an electric shock, fire, problems with the product, or injury. Do not put a container filled with water on the appliance.
 - If spilled, there is a risk of fire or electric shock.
- Do not use mechanical devices or any other means to accelerate the defrosting process, other than those recommended by the manufacturer.
- Do not damage the refrigerant circuit.
- Do not put fridge shelf in upside down. Shelf stopper could not work.
 - It may cause a personal injury because of glass shelf drop.
- Keep fingers out of “pinch point” areas. Clearances between the doors and cabinet are necessarily small. Be careful when you open the doors if children are in the area.
- If a gas leak is detected, avoid any naked flames or potential sources of ignition, and air the room in which the appliance is standing for several minutes.
 - Do not touch the appliance or power cord.
 - Do not use a ventilating fan.
 - A spark may result in explosion or fire.
- Use only the LED Lamps provided by the manufacturer or its service agents.
- Bottles should be stored tightly together so that they do not fall out.
- This product is intended only for the storage of food in a domestic environment.
- Never put fingers or other objects into the water dispenser hole, ice chute and ice maker bucket.
 - It may cause a personal injury or material damage.

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- Do not attempt to repair, disassemble, or modify the refrigerator yourself.
 - Unauthorized modifications can cause safety problems. To reverse an unauthorized modification, we will charge the full cost of parts and labor.
 - Do not use any fuse (such as cooper, steel wire, etc.) other than a standard fuse.
 - If your refrigerator needs to be repaired or reinstalled, contact your nearest service center.
 - Failing to do so may result in an electric shock, fire, problems with the product, or injury.
 - If the interior or exterior LED lamp has gone out, contact your nearest service center.
 - If the refrigerator emits a burning smell or smoke, unplug the refrigerator immediately and contact your Samsung Electronics service center.
 - Failing to do so may result in an electric or fire hazards.
 - Pull the power plug out of the socket before changing the interior lamps of the refrigerator.
 - Otherwise, there is a risk of electric shock.
 - If you experience difficulty changing a non-LED light, contact a Samsung service center.
 - If the product is equipped with LED lamps, do not disassemble the Lamp Covers and LED lamps yourself.
 - Contact a Samsung service center.
 - Plug the power plug into the wall socket firmly.
 - Do not use a damaged power plug, damaged power cord or loose wall socket.
 - This may result in an electric shock or fire.

Safety information

Usage cautions

CAUTION

- Do not re-freeze frozen foods that have thawed completely. Do not place carbonated or fizzy drinks in the freezer compartment. Do not put bottles or glass containers in the freezer.
 - When the contents freeze, the glass may break and cause personal injury.
- Use only the ice maker provided with the refrigerator.
- Have the refrigerator's water supply connected only to a potable water supply. To operate the ice maker properly, water pressure of 20 ~ 125 psi (138 ~ 862 kPa) is required. If you will be away from home for a long period of time (on vacation, for example) and won't be using the water or ice dispensers, close the water valve.
 - Otherwise, water leakage may occur.
- If you won't be using the refrigerator for a very long period of time, (3 weeks or more) empty the refrigerator including the ice bucket, unplug it, close the water valve, wipe excess moisture from the inside walls, and leave the doors open to prevent odors and mold.
- To get the best performance from the product:
 - Do not place food too close to the vents at the rear of the refrigerator as this can obstruct free air circulation in the refrigerator compartment.
 - Wrap food up properly or place it in airtight containers before putting it into the refrigerator.
 - Do not place glass bottles or carbonated beverages into the freezer. They can freeze and break. Broken beverage containers can cause injury.
 - Please observe maximum storage times and expiration dates of frozen goods.

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- There is no need to disconnect the refrigerator from the power supply if you will be away for less than three weeks. However, if you will be away for more than three weeks, remove all the food and ice in the ice bucket, unplug the refrigerator, close the water valve, wipe excess moisture from the inside walls, and leave the doors open to prevent odors and mold.
 - Do not place glass or bottles or carbonated beverages into the freezer.
 - The container may freeze and break, and this may result in injury.
 - Do not place carbonated or fizzy drinks in the freezer compartment. Do not put bottles or glass containers in the freezer.
 - When the contents freeze, the glass may break and cause personal injury and property damage.
 - Service Warranty and Modification.
 - Any changes or modifications performed by a 3rd party on this finished appliance are not covered under Samsung warranty service, nor is Samsung responsible for safety issues that result from 3rd party modifications.
 - Do not block the air vents inside the refrigerator.
 - If the air vents are blocked, especially with a plastic bag, the refrigerator can be over cooled. If a cooling period lasts too long, the water filter may break and cause water leakage.
 - Use only the ice-maker provided with the refrigerator.
 - Wipe excess moisture from the inside and leave the doors open.
 - Otherwise, odor and mold may develop.
 - If the refrigerator is disconnected from the power supply, you should wait for at least five minutes before plugging it back in.
 - If you have a long vacation planned or do not intend to use the refrigerator for a long period of time, (3 weeks or more) empty the refrigerator including the ice bucket, pull out the power plug, close the water valve, wipe excess moisture from the inside walls, and leave the doors open to prevent odors and mold.

Safety information

- When the refrigerator got wet by water, pull out the power plug and contact your Samsung Electronics service center.
- Do not strike or apply excessive force to any glass surface.
 - Broken glass may result in a personal injury and/or property damage.
- Fill the water tank and ice cube trays with potable water only (tap water, mineral water, or purified water).
 - Do not fill the tank with tea or a sports drink. This may damage the refrigerator.
- If the refrigerator is flooded, make sure to contact your nearest service center.
 - There is a risk of electric shock or fire.
- Do not keep vegetable oil in your refrigerator's door bins. The oil can solidify, making it foul-tasting and difficult to use. In addition, the open container can leak and the leaked oil can cause the door bin to crack. After opening an oil container, it is best to keep the container in a cool and shaded place such as a cupboard or pantry.
 - Examples of vegetable oil: olive oil, corn oil, grape-seed oil, etc.

Cleaning cautions

CAUTION

- Do not spray water directly on the inside or outside the refrigerator.
 - There is a risk of fire or electric shock.
- Do not use a hair dryer to dry the inside of the refrigerator.
- Do not place a lighted candle in the refrigerator to remove bad odors.
 - This may result in an electric shock or fire.
- Do not spray cleaning products directly on the display.
 - Printed letters on the display may come off.
- If any foreign substance such as water has entered the appliance, unplug the power plug and contact your nearest service center.
 - Failing to do so may result in an electric shock or fire.
- Use a clean, dry cloth to remove any foreign matter or dust from the power plug blades. Do not use a wet or damp cloth when cleaning the plug.
 - Otherwise, there is a risk of fire or electric shock.
- Do not clean the appliance by spraying water directly onto it.
- Do not use benzene, thinner, or Clorox, Chloride for cleaning.
 - They may damage the surface of the appliance and may cause a fire.
- Before cleaning or performing maintenance, unplug the appliance from the wall socket.
 - Failing to do so may result in an electric shock or fire.
- Use a clean sponge or soft cloth and a mild detergent in warm water to clean the refrigerator.

Safety information

- Do not use abrasive or harsh cleansers such as window sprays, scouring cleansers, flammable fluids, muriatic acid, cleaning waxes, concentrated detergents, bleaches, or cleansers containing petroleum products on exterior surfaces (doors and cabinet), plastic parts, door and interior liners, and gaskets.
 - These can scratch or damage the material.
- Do not clean glass shelves or covers with warm water when they are cold. Glass shelves and covers may break if exposed to sudden temperature changes or impacts such as bumping or dropping.

Critical disposal warnings

WARNING

- Please dispose of the packaging material from this product in an environmentally friendly manner.
- Ensure that none of the pipes on the back of the refrigerator are damaged prior to disposal.
- R-600a or R-134a is used as a refrigerant. Check the compressor label on the rear of the appliance or the rating label inside the fridge to see which refrigerant is used for your refrigerator. If this refrigerator contains flammable gas (Refrigerant R-600a), contact your local authority in regard to safe disposal of this product.
- When disposing of this refrigerator, remove the door/door seals and door latch so that small children or animals cannot become trapped inside. Children should be supervised to ensure that they do not play with the appliance. If trapped inside, a child may get hurt or suffocate to death.
 - If trapped inside, the child may become injury and suffocate to death.

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- Cyclopentane is used in the insulation. The gases in the insulation material require a special disposal procedure. Please contact your local authorities in regard to the environmentally safe disposal of this product.
 - Keep all packaging materials well out of the reach of children, as packaging materials can be dangerous to children.
 - If a child places a bag over his or her head, the child could suffocate.

Additional tips for proper usage

- In the event of a power failure, call the local office of your electric company and ask how long the failure is going to last.
 - Most power failures that are corrected in an hour or two will not affect your refrigerator temperatures. However, you should minimize the number of door openings while the power is off.
 - Should the power failure last more than 24 hours, remove and discard all frozen food.
- The refrigerator might not operate consistently (frozen contents can thaw or temperatures can become too warm in the frozen food compartment) if sited for an extended period of time in a location where ambient air temperatures are constantly below the temperatures for which the appliance is designed.
- In case of particular foods, keeping it under refrigeration can have a bad effect on preservation due to its properties.
- Your appliance is frost free, which means there is no need to manually defrost your appliance. This will be carried out automatically.
- Temperature rise during defrosting complies with ISO requirements. If you want to prevent an undue rise in the temperature of frozen food while the appliance defrosts, wrap the frozen food in several layers of newspaper.
- Do not re-freeze frozen foods that have thawed completely.

Safety information

Saving Energy Tips

- Install the appliance in a cool, dry room with adequate ventilation. Ensure that it is not exposed to direct sunlight and never put it near a direct source of heat (a radiator, for example).
- Not to block any vents and grilles is recommended for energy efficiency.
- Allow warm food to cool down before placing it in the appliance.
- Put frozen food in the refrigerator to thaw. You can then use the low temperatures of the frozen products to cool food in the refrigerator.
- Do not keep the door of the refrigerator open for too long when putting food in or taking food out. The shorter the time the door is open, the less frost build-up you'll have in the freezer.
- It is recommended to install the refrigerator with clearance to the back and sides. This will help reduce power consumption and keep your energy bills lower.
- For the most efficient use of energy, please keep the all inner fittings such as baskets, drawers, shelves on the position supplied by manufacturer.

This appliance is intended to be used in household and similar applications such as

- staff kitchen areas in shops, offices and other working environments;
- farm houses and by clients in hotels, motels and other residential type environments;
- bed and breakfast type environments;
- catering and similar non-retail applications.

Instructions about the WEEE



Correct Disposal of This Product (Waste Electrical & Electronic Equipment)

(Applicable in countries with separate collection systems)

This marking on the product, accessories or literature indicates that the product and its electronic accessories (e.g. charger, headset, USB cable) should not be disposed of with other household waste at the end of their working life. To prevent possible harm to the environment or human health from uncontrolled waste disposal, please separate these items from other types of waste and recycle them responsibly to promote the sustainable reuse of material resources.

Household users should contact either the retailer where they purchased this product, or their local government office, for details of where and how they can take these items for environmentally safe recycling.

Business users should contact their supplier and check the terms and conditions of the purchase contract. This product and its electronic accessories should not be mixed with other commercial wastes for disposal.

For information on Samsung's environmental commitments and product specific regulatory obligations e.g. REACH, WEEE, Batteries, visit our sustainability page available via [Samsung.com](https://www.samsung.com/sustainability)

(For products sold in European countries only)

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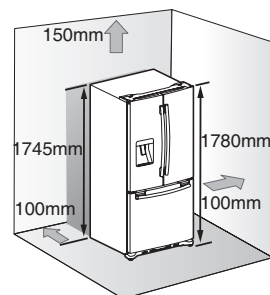
Setting up your refrigerator

Getting ready to install the refrigerator

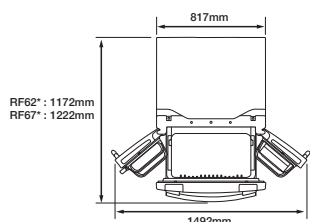
Congratulations on your purchase of this Samsung Refrigerator. We hope you enjoy the state-of-art features and efficiencies that this new appliance offers.

Selecting the best location for the refrigerator

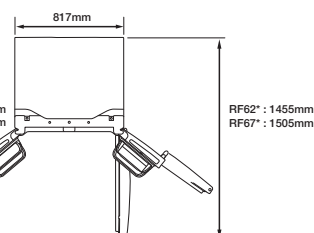
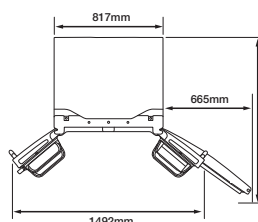
- A location with easy access to the water supply.
- A location without direct exposure to sunlight.
- A location with level (or nearly level) flooring.
- A location with enough space for the Refrigerator doors to open easily.
- Allow sufficient space to the right, left, back and top for air circulation. If the Refrigerator does not have enough space, the internal cooling system may not work properly.
- Please ensure that appliance can be moved freely in the event of maintenance & service.



First thing! Make sure that you can easily move your Refrigerator to its final location by measuring doorways (both width and height), thresholds, ceilings, stairways, etc.



Drawer-Type



Swing-Type

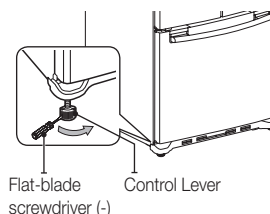
NOTE

- Allow clearance to the right, left, back and top when installing. This will help reduce power consumption and keep your energy bills lower.
- If you install the Refrigerator where is below 10 °C, it may not function in optimum level.
- Do not locate the refrigerator where the wet condition.

When moving your refrigerator

CAUTION

To prevent floor damage be sure the front leveling legs are in the up position (above the floor). Refer to 'Adjusting the doors' in the manual (on page 37).



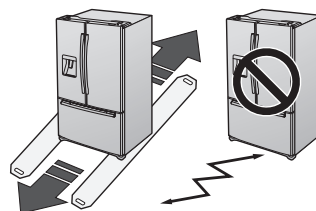
Flat-blade screwdriver (-)
Control Lever

Setting up your refrigerator

Flooring

For proper installation, this refrigerator must be placed on a level surface of hard material that is the same height as the rest of the flooring. This surface should be strong enough to support a fully loaded refrigerator, or approximately 106 kg.

To protect the finish of the flooring, cut a large section of the cardboard carton and place under the refrigerator where you are working. When moving the refrigerator, be sure to pull it straight out and return it to position by pushing it straight in.



Installation of the water line (Auto ice maker model)

Before you install the water line

- The water line installation is not warranted by the refrigerator manufacturer. So before you install the water line, read the whole steps for installing and follow these instructions carefully to minimize the risk of expensive water damage.
- Banging pipes (water banging in the pipes) in house plumbing can cause damage to fridge parts and lead to water leakage or flooding. Call a qualified plumber to correct the problem before installing the water supply line to the fridge.
- To prevent burns and product damage, do not hook up the water line to the hot water line.
- Do not install the water line in areas where temperatures fall below freezing.
- When using any electrical device (such as a power drill) during installation, be sure the device is insulated or wired in a manner to prevent electric shock.
- All installations must be in accordance with local plumbing code requirements.

NOTE

- Water line Kit and water filter are not covered by Samsung's Warranty. The manufacturer (or dealer, installer) of them is responsible for any defects and all the loss caused by water filter & water line kit.
- The filter should be replaced according to manufacturer (or dealer)'s instruction.
- To order additional water filters, please contact the manufacturer (or dealer) of the filter.

NOTE

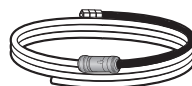
Check the accessories listed below.



Water line fixer and screws



Pipe connector



Water line



Fastner

(Refer to 'Making minor adjustments between doors' on page 38.)

Using the water filter (Not provided)

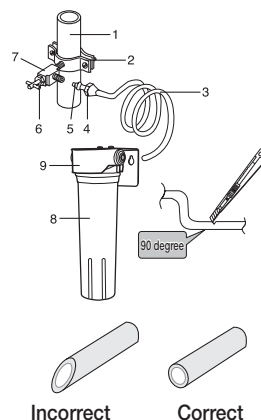
Connecting to water supply line

- Shut off the main water supply line and turn the Ice maker to the off position.
- Locate the nearest cold drinking water line.
- Follow the instructions in the water filter installation kit.
- After connecting the water supply line to the Cartridge Holder inlet and installing the Filter Cartridge (insert plastic line in fully).
- Turn on water supply and flush 3L into a bucket to clear the water filter.

NOTE

- The water filter must be installed outside the refrigerator. It is not provided with your new refrigerator. The filter cartridge (8) and holder (9) kit can be purchased from the retailer where you purchased this refrigerator.
- Do not use copper line.
- Cut the tubing, making sure the ends are square and clean.

- | | |
|--------------------|-----------------------|
| 1. Cold Water line | 5. Compression Sleeve |
| 2. Pipe Clamp. | 6. Packing Nut |
| 3. Plastic line | 7. Shut Off Valve |
| 4. Compression Nut | 8. Filter Cartridge |
| | 9. Cartridge Holder |

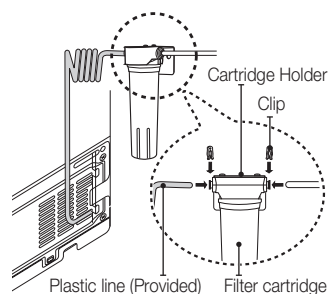


Connect the water line to the fridge

- Connect the plastic line on the back of your fridge to the cartridge holder outlet (fully insert the plastic line to the cartridge holder outlet).
- Insert plastic clip to the cartridge holder inlet and outlet.
- Turn water on and check for any leakage.

NOTE

- You can purchase the necessary filter cartridge at the retailer where you purchased this refrigerator. Make sure you buy the SAMSUNG filter cartridge (Replacement cartridge No : DA29-10105J) to ensure the best performance.
- Water line must be connected to drinkable water only
- A compression fitting and nut kit is supplied with the unit and it is inside the fridge drawer.
- When pushing the Refrigerator back, make sure you don't roll over the power cord or water line (Icemaker supply line).



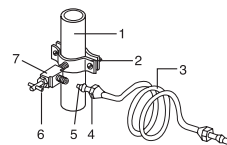
Setting up your refrigerator

To use without the water filter section

Connecting to the water supply line

- Shut off the main water supply line and turn the Ice maker to the off position.
- Locate the nearest cold water drinking line.

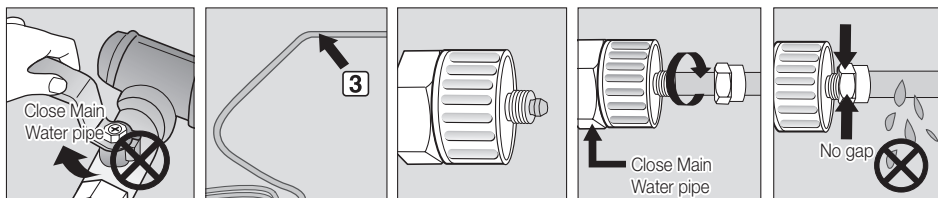
1. Cold Water line
2. Pipe Clamp.
3. Plastic line
4. Compression Nut
5. Compression Sleeve
6. Packing Nut.
7. Shut Off Valve



1. First, shut off the main water supply line.
2. Locate the nearest cold, drinking water line.
3. Follow the Water line Installation Instructions in the installation kit.

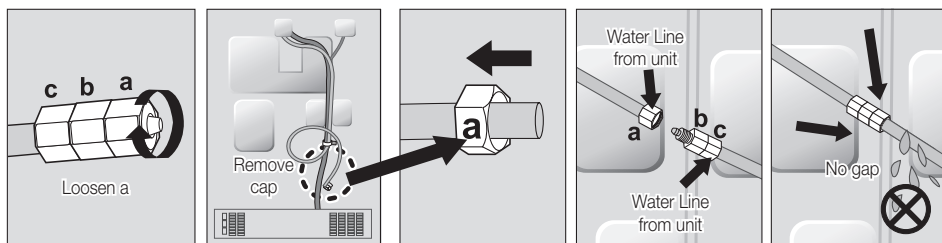
CAUTION

The water line must be connected to the cold water pipe. If it is connected to the hot water pipe, it may cause the purifier to malfunction.



Connecting the water line to the refrigerator

1. Remove the cap from water line on the unit and insert compression nut to the water line on the unit after disassembling from provided water line.
2. Connect both water line from the unit and water line in the kit.
3. Tighten the compression nut onto the compression fitting.
There should be no gaps between (A, B & C)
4. Turn water on and check for any leakage.



NOTE

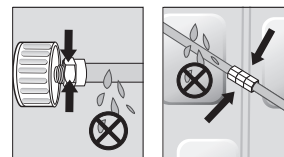
Only connect the water line to a drinkable water source.

If you have to repair or disassemble the water line, cut off 6.5 mm of the plastic tubing to make sure you get a snug, leak-free connection.

CAUTION

After the water supply has been installed check all the joints to ensure there are no leaks.

- Samsung Warranty does not cover THE WATER LINE INSTALLATION.
- The cost of the water line installation is at the customers expense, unless the retailer has covered this expense in the delivery charge.
- Please contact a Plumber or Authorized Installer for the installation if needed.
- If Water leakage occurs due to improper installation, Please contact installer.



Setting up your refrigerator

Setting up the refrigerator

Now that you have your new Refrigerator installed in place, you are ready to set up and enjoy the features and functions of the appliance. By completing the following steps, your Refrigerator should be fully operational.

1. Place the Refrigerator in an appropriate location with reasonable clearance between the wall and the Refrigerator. Refer to installation instructions in this manual. (P 23. Selecting the best location for the refrigerator)
2. Once the Refrigerator is plugged in, make sure the interior light comes on when you open the doors.
3. Set the Temperature control to the coldest temperature and wait for an hour. The Freezer will get slightly chilled and the motor will run smoothly.
4. After powering the Refrigerator, it will take a few hours to reach the appropriate temperature. You can store food and drinks in the Refrigerator after the temperature is sufficiently cool.

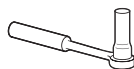
Required tools (not provided)



Phillips Head
Driver (+)



Flat Head
Driver (-)



Socket Wrench
(10 mm) (for bolts)



Hex Wrench
(Ø 5 mm)
(for Mid hinge)



Hex wrench
(5/32 inch)
(for Mid hinge shaft)

Removing the refrigerator doors

Some installations require door/drawer removal to transport the Refrigerator to its final location.

Do not remove the door/drawer if it is not needed. Before removing the door/drawer make sure you read following items.



WARNING

Disconnect power to the Refrigerator before removing the door or drawer.



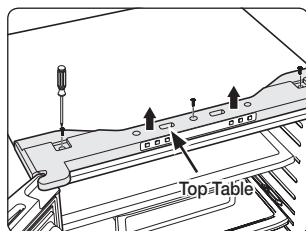
NOTE

- Be careful not to drop, damage or scratch the door/drawer while removing them.
- Be careful not to get injured while removing the door/drawer.
- Reattach the door/drawer properly to avoid:
 - Moisture from air leakage.
 - Uneven door alignment.
 - Wasting energy due to improper door seal.

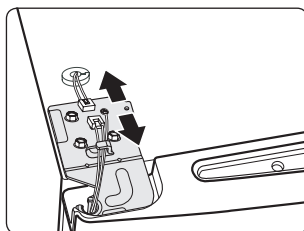
Disassembling the fridge door

WARNING

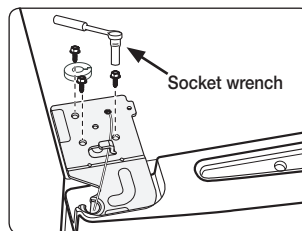
Be careful not to drop and scratch the fridge door while removing the fridge door!



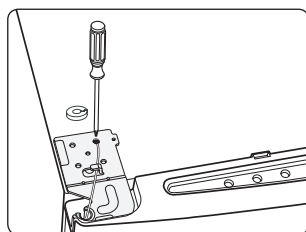
1. Remove the 3 screws holding down the top table and remove it.



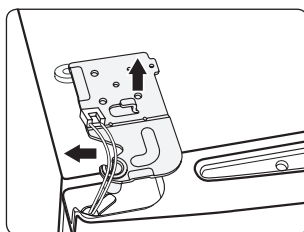
2. Disconnect electric wire on the top of the refrigerator.



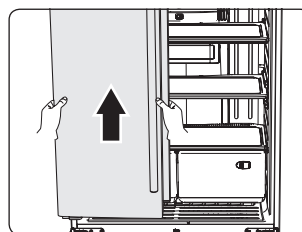
3. Remove the 3 hex bolts that hold the hinge on the top of the refrigerator with the 10 mm socket wrench.



4. Remove the screw that holds the ground wire with a philips screwdriver (+).



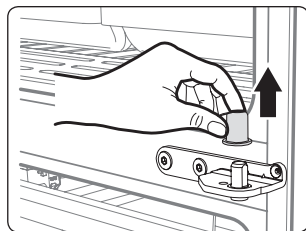
5. Separate the hinge from the electric wire and ground wire as shown above.



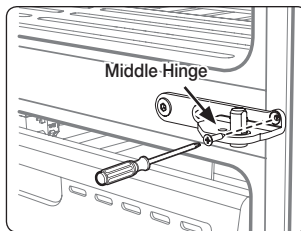
6. Lift the door straight up to remove. Be careful not to drop and scratch the doors while removing them.

Setting up your refrigerator

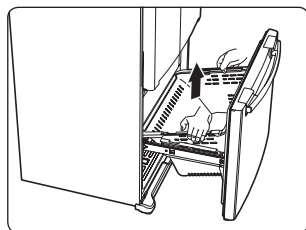
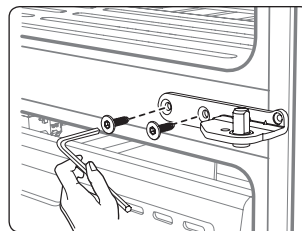
Disassembling the freezer door (Drawer type)



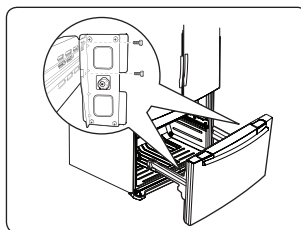
1. Separate the Cap on the Middle Hinge.



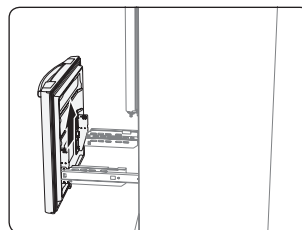
2. Remove the screw attached to the left and right middle hinges with a philips screwdriver (+). Remove the 2 hex head bolts attached to the left and right middle hinges with an allen wrench (Ø 5 mm).



3. After opening the Freezer door, lift the drawer box.

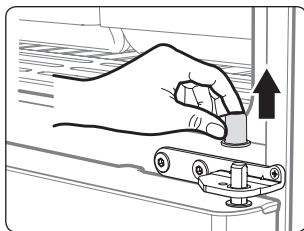


4. Remove 4 hex head bolts from both sides with a socket wrench (10 mm).

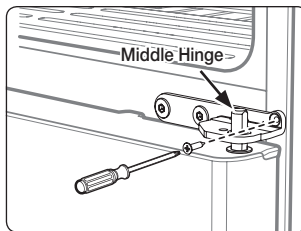


5. Lift up the freezer door from the rails. Be careful not to drop and scratch the freezer door.

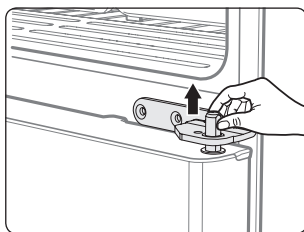
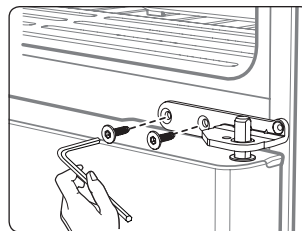
Disassembling the freezer door (Swing type)



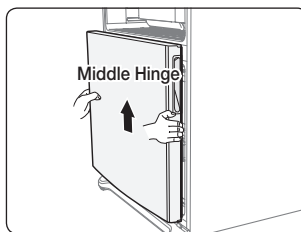
1. Separate the Cap on the Middle Hinge.



2. Remove the screw attached to the left and right middle hinges with a philips screwdriver (+). Remove the 2 hex head bolts attached to the left and right middle hinges with an allen wrench (Ø 5 mm).



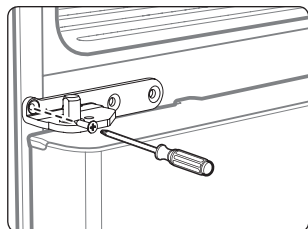
3. Remove the Middle Hinge connected to the Freezer.



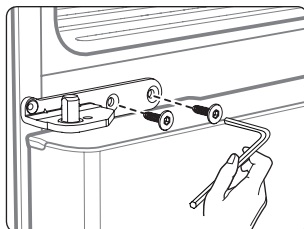
4. Lift up the freezer door from the hinge. Be careful not to drop and scratch the freezer door.

Setting up your refrigerator

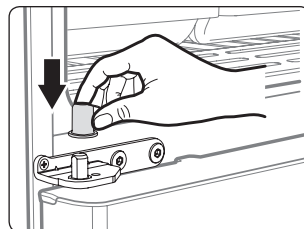
Reassembling the fridge door



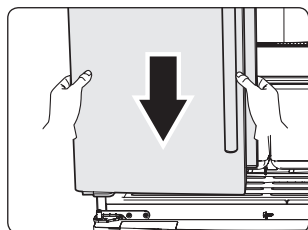
1. Insert and tighten the screw into the left and right middle hinges with a philips screwdriver (+).



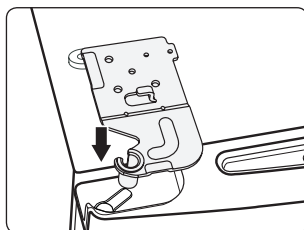
2. Insert and tighten the 2 hex head bolts into the left and right middle hinges with an allen wrench (Ø 5 mm).



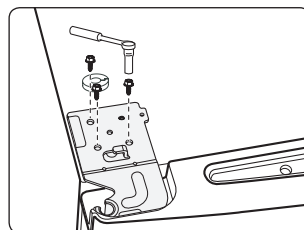
3. Replace the middle hinge cap.



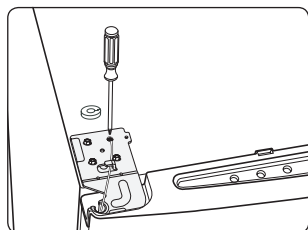
4. Place the hole in the bottom of the left door over the middle hinge.



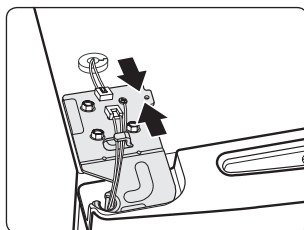
5. Insert the left upper hinge shaft into the hole on the corner of the fridge door.



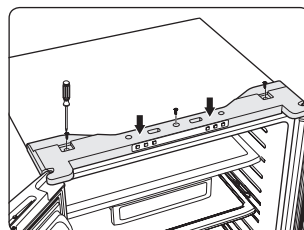
6. Insert the upper hinges into the holes at the top of the door.
Insert and tighten the 3 hex head bolts into the left and right upper hinges with a socket wrench (10 mm).



7. Insert and tighten the ground screw into the left and right upper hinges with a philips screwdriver (+).

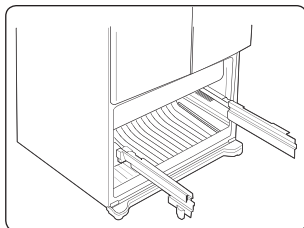


8. Connect the electronic wire on the top of the refrigerator.

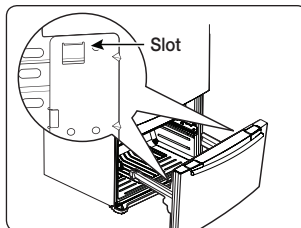


9. Position the top table in place. Insert and tighten the 3 screws into the top table with a philips screwdriver (+).

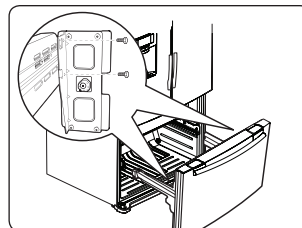
Reassembling the freezer door (Drawer type)



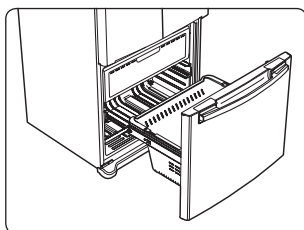
1. Pull out the rails to the full length on each side of the cabinet evenly.



2. Hang the freezer door front onto open slot on the sides.

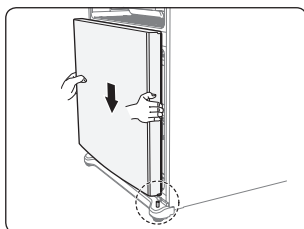


3. With the 10 mm wrench, reattach 4 bolts to connect the rail with the door.

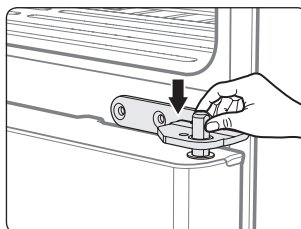


4. Replace the drawer box.

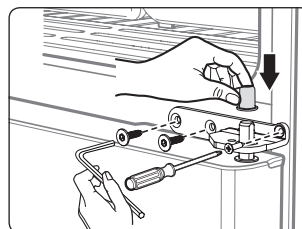
Reassembling the freezer door (Swing type)



1. Place the hole in the bottom of the freezer door over the right side low hinge.



2. Replace the middle hinge connected to the freezer.

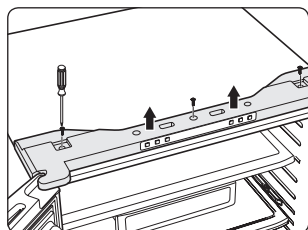


3. Insert and tighten the screw into the left and right middle hinges with a philips screwdriver (+).
Insert and tighten the 2 hex head bolts into the left and right middle hinges with an allen wrench (Ø 5 mm).
4. Replace the cap on the middle hinge.

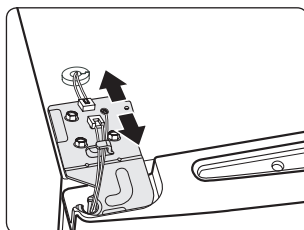
Setting up your refrigerator

How to reverse the door (Option)

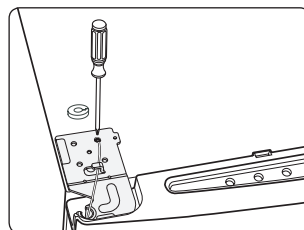
Unplug the refrigerator or disconnect the power.



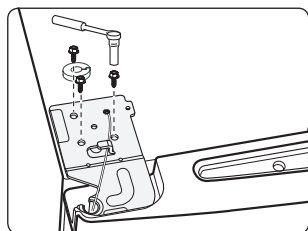
1. Remove 3 screws on the hinge cover.
2. Disassemble the hinge cover.



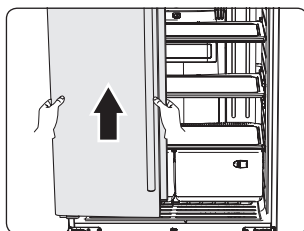
3. Disassemble 2 connectors. (a housing and a reed switch)



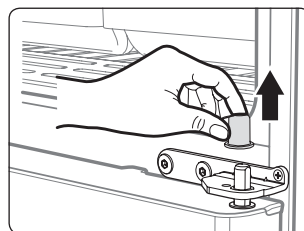
4. Disassemble ground wire by removing 1 screw on each side.



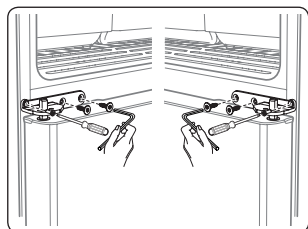
5. Disassemble the upper hinge by removing 3 bolts on each side with the 10 mm wrench.
 - 1) Avoid the wire damage.
 - 2) Fridge door is possible to tip over at this time.



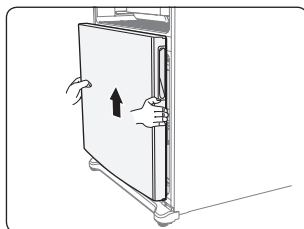
6. Remove each fridge doors by lifting it up.
 - 1) Possible to drop or scratch the door at this time.
 - 2) Middle hinge cap may come off with the door.



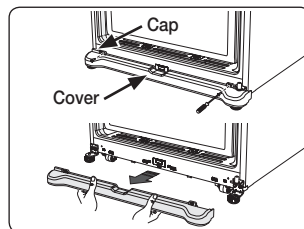
7. Disassemble middle hinge cap.



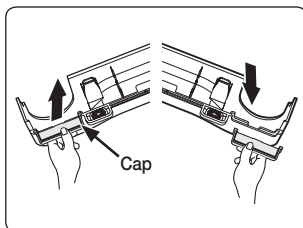
8. Remove 1 screw and 2 bolts of each side (use Ø 5 mm allen wrench).
 - 1) At first, Remove left side middle hinge and right side.
 - 2) Be careful not to drop the freezer door.



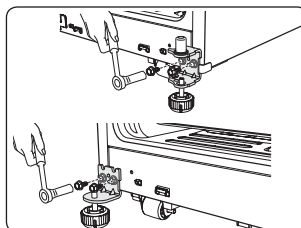
9. Remove the freezer door by lifting it up.
 - 1) Possible to drop or scratch the door at this time.
 - 2) Low hinge cap may come off with the door.



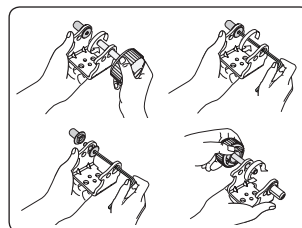
10. Remove 2 screws.
11. Separate front leg Cover.



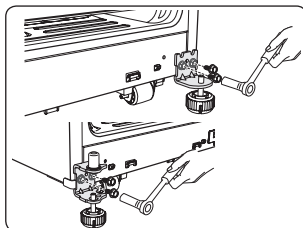
- 12.** Separate the Cap of the front leg Cover. (pull out inside of Cap)
- 13.** Insert the Cap on the other side of the front leg Cover.



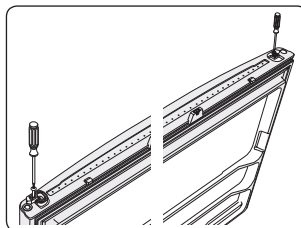
- 14.** Remove 2 bolts of each hinge with the 10 mm wrench.
- 15.** Place them in front of each side.



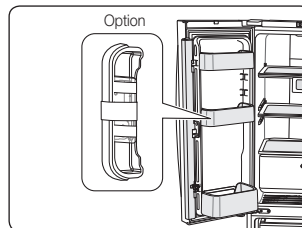
- 16.** Separate low hinge shaft by using 5/32" wrench and disassemble low hinge leg by turning it colockwise, and then assemble the low hinge by turning it over.



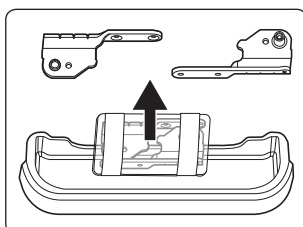
- 17.** Reattach the former right hinge on the left side and the former left hinge on the right side by using 2 bolts.



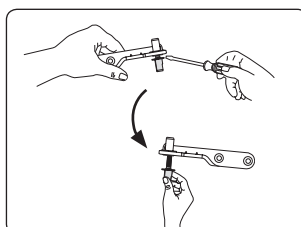
- 18.** Separate stopper by removing 1 screw on the right lower side of freezer and assemble the stopper on the left side by reversing it.



- 19.** The middle hinge for reversing the door is in the door bin.

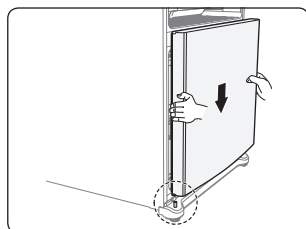


- 20.** Change the middle hinges assembled on the refrigerator with the middle hinges in the door bin.

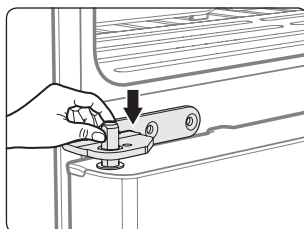


- 21.** Use the black hinge cap of the middle hinge assembled at refrigerator. Then place it at the bottom of the left middle hinge supplied separately.
- Use the Flat-blade screwdriver (-).

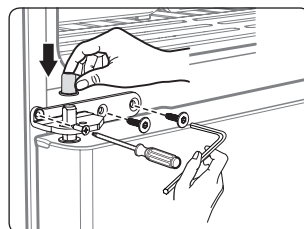
Setting up your refrigerator



- 22.** Place the hole in the bottom of the freezer door over the low hinge.

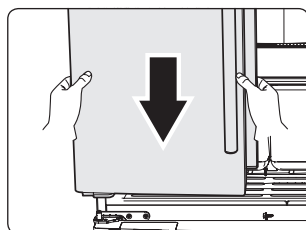


- 23.** Replace the middle hinge connected to the freezer.

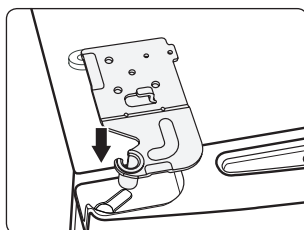


- 24.** Insert and tighten the screw into the left and right middle hinges with a philips screwdriver (+). Insert and tighten the 2 hex head bolts into the left and right middle hinges with an allen wrench (\varnothing 5 mm).

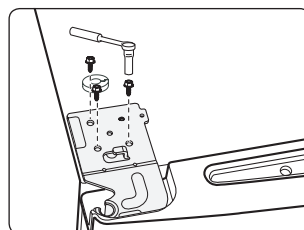
- 25.** Replace the cap on the middle hinge.



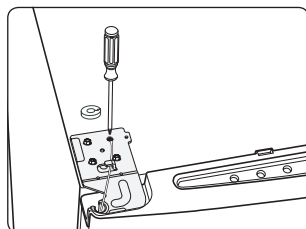
- 26.** Place the hole in the bottom of the left door over the middle hinge.



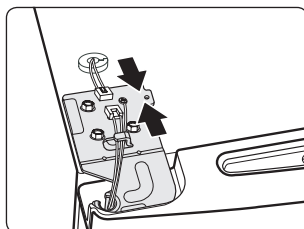
- 27.** Insert the left upper hinge shaft into the hole on the corner of the fridge door.



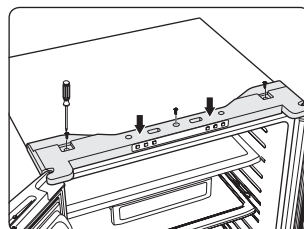
- 28.** Insert the upper hinges into the holes at the top of the door. Insert and tighten the 3 hex head bolts into the left and right upper hinges with a socket wrench (10 mm).



- 29.** Insert and tighten the ground screw into the left and right upper hinges with a philips screwdriver (+).



- 30.** Connect the electronic wire on the top of the refrigerator.



- 31.** Position the top table in place. Insert and tighten the 3 screws into the top table with a philips screwdriver (+).

Adjusting the doors

After putting the doors back on the Refrigerator, make sure the Refrigerator is level so that you can make final adjustments.

If the Refrigerator is not level, it will not be possible to get the doors perfectly even.

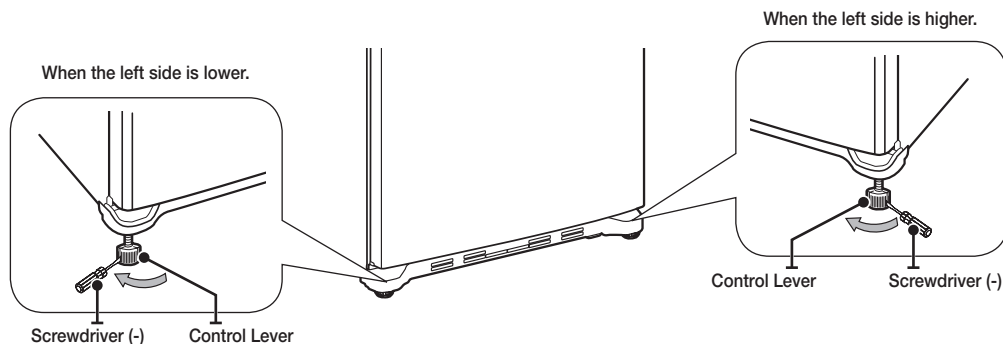
For example, when the left side is lower than the right side, insert a flat-blade screwdriver into a notch on the left control lever, and turn it clockwise or counter clockwise to level the door.

Turning it clockwise to raise the refrigerator and counterclockwise to lower it.

For the left side is higher, do it with right lever.

WARNING

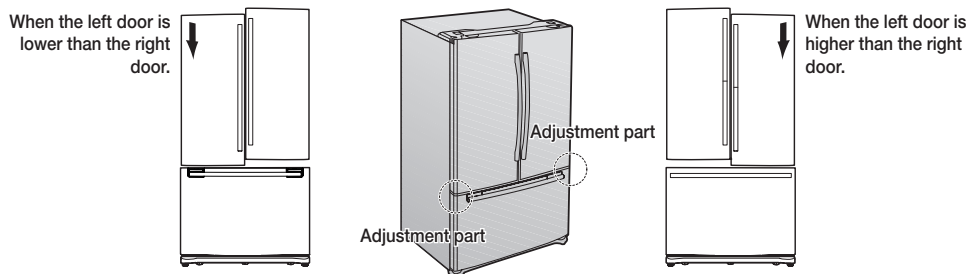
Both control levers must be surely touching the floor to avoid the possible personal injury or property damage because of tipping.



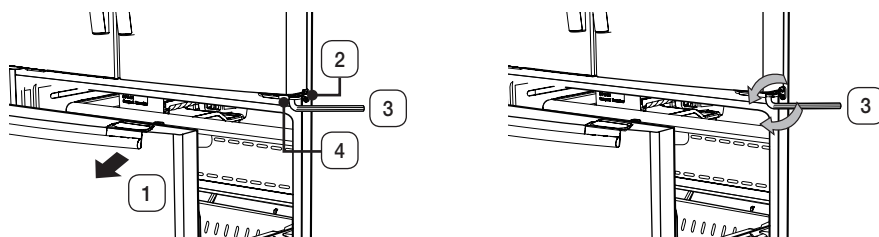
Setting up your refrigerator

Making minor adjustments between doors

Remember, a level Refrigerator is necessary for getting the doors perfectly even. If you need help, review the previous section on leveling the Refrigerator.



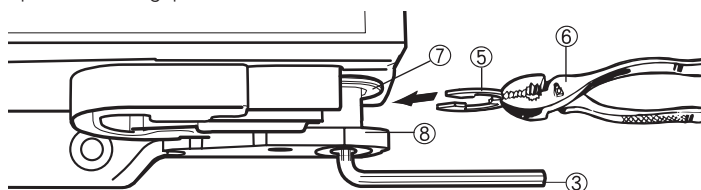
1. Pull out the freezer drawer (1), then you can see the middle hinge (2).
2. Insert the hex wrench (4 mm) (3) into the shaft (4) of the middle hinge.
3. Please adjust the height by turning the hex wrench (3) clockwise (↻) or counter-clockwise (↻).



NOTE

When you turn the hex wrench counter-clockwise (↻), the door will move up.
Only the left-door height is adjustable for Swing-Type.

1. After adjusting the doors, please insert the supplied fastener (5) using Pliers (6) in the gap between the hinge-grommet (7) and the middle hinge (8). The number of fasteners you'll need to insert depends on the gap.



NOTE

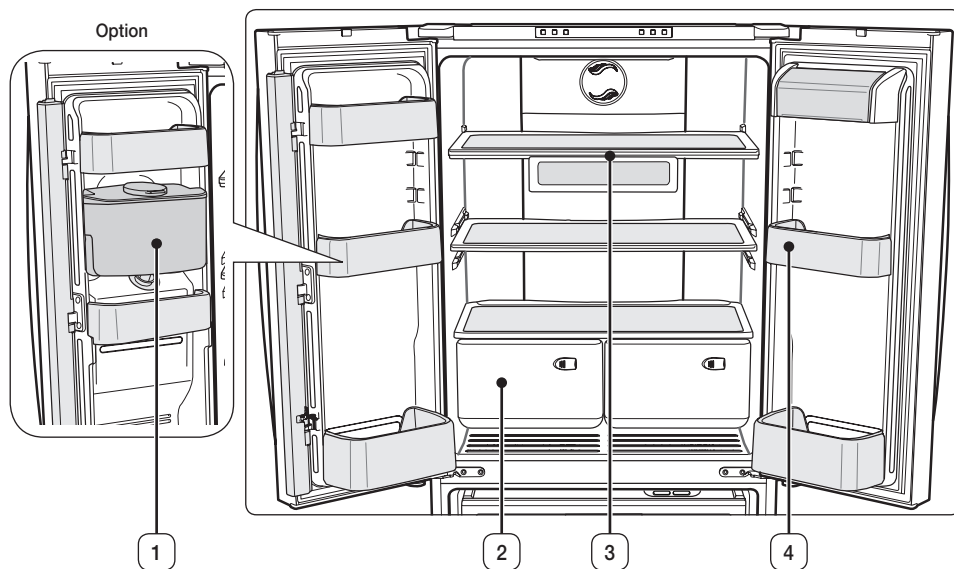
2 fastener are enclosed with the refrigerator. The thickness of each fastener is 1.0 mm.

Operating your samsung refrigerator

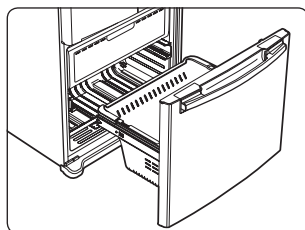
Parts and features

Use this page to become more familiar with the parts and features of the Refrigerator.

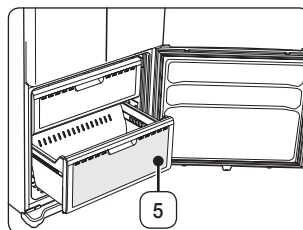
Fridge



Freezer



Drawer Type



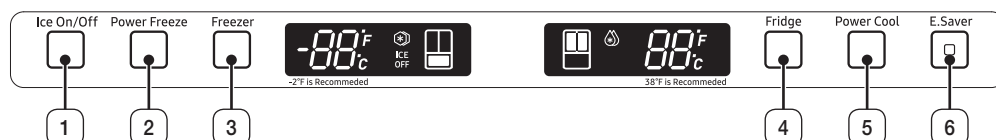
Swing Type

- | | | |
|---------------|-----------------------------|----------|
| 1. Water tank | 2. Vegetable & Fruit Drawer | 3. Shelf |
| 4. Door bin | 5. Freezer drawer bin | |

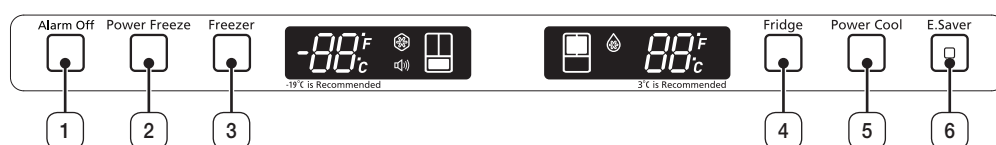
Operating your samsung refrigerator

Using the control panel

1. For auto ice maker model



2. For normal ice maker model



Temperature & Function select / Control panel

1 Ice On/Off (Option)	When the Ice On/Off button is pressed, ice will not be produced. Use this function only when it is needed.
1 Alarm Off (Option)	When the Alarm Off button is pressed, alarm will not sound in case of door open. Use this button only when it is needed.
2 Power Freeze	Press this button to freeze food quickly. (Power Freeze will last 72 hours.)
3 Freezer	Freezer temperature set button. Press this button to set the Freezer temp between -14 °C and -25 °C. (At initial power on, the default setting is -19 °C.)
4 Fridge	Fridge temperature set button. Press this button to set the Fridge temperature in 1 °C intervals between 7 °C and 1 °C. (At initial power on, the default setting is 3 °C.)
5 Power Cool	Press this button to cool the food in the fridge quickly. Power Cool will shut off when -4 °C is reached or after 2 and a half hours.
6 E.Saver	Press the E.Saver button for better energy efficiency. If water drops appear on the doors, turn the Energy Saver function off.

Controlling the temperature



Setting the freezer temperature

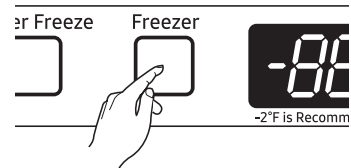
If you want to control the freezer temperature, follow as below.

Press the **Freezer** button (Refer the picture)

- The temperature can be set in 1 °C interval between -25 °C and -14 °C.

When selecting the temperature, the set temperature is displayed initially for 5 seconds, then the actual temperature is displayed.

(There may be slight difference between the set temperature and displayed actual temperature, but it will be corrected to the set temperature automatically.)



NOTE

- The Freezer temperature will change depending on the number of door openings, quantity of food, ambient temperature, etc.
- The temperature display will blink when freezer temperature increases due to frequent door opening, keeping warm food, etc.
(Blinking will stop when the refrigerator reaches normal temperature. If for some reason it does not stop after a long period of time, contact a Samsung service center.)

Setting the fridge temperature

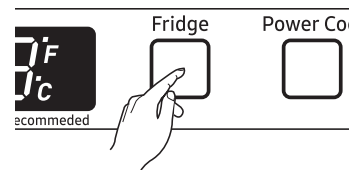
If you want to control the fridge temperature, follow as below.

Press the **Fridge** button (Refer the picture)

- The temperature can be set in 1 °C interval between 1 °C and 7 °C.

When selecting the fridge temperature, the set temperature is displayed initially for 5 seconds, then the actual temperature is displayed.

(There may be slight difference between the set temperature and displayed actual temperature, but it will be corrected to the set temperature automatically.)



Operating your samsung refrigerator

NOTE

- The Fridge temperature will change depending on the number of door openings, quantity of food, ambient temperature, etc.
- Temperature of each shelf or container in the fridge may be different.
- The temperature display will blink when fridge temperature increases due to frequent door opening, keeping warm food, etc.

(Blinking will stop when the refrigerator reaches normal temperature. If for some reason it does not stop after a long period of time, contact a Samsung service center.)

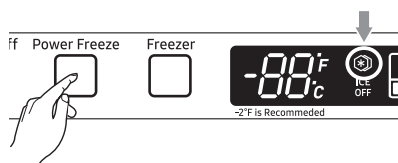
If you want to make ice faster (Controlling the Power Freeze)

Press the **Power Freeze** button. (Refer to the picture.)

- The power freeze light on the display goes on (see the arrow mark) and this function begins to operate regardless of the set freezer temperature.

Press the **Power Freeze** button again to cancel this function.

- The light goes off and it operates at the set freezer temperature again.
- The Power Freeze function operates for 72 hours regardless of the set temperature.



NOTE

This function must be activated before putting large stuff in freezer compartment at least 24 hours before.

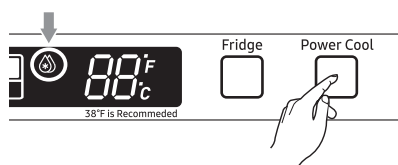
If you want to speed up the cooling in the fridge (Power Cool)

Press the **Power Cool** button. (Refer to the picture.)

- The power cool light on the display goes on (see the arrow mark) and this function begins to operate regardless of the set fridge temperature.

Press the **Power Cool** button again to cancel this function.

- The light goes off and it operates at the set fridge temperature again.



NOTE

The Power Cool function operates for 2 and a half hours regardless of the set temperature.

Making ice

Auto ice maker model

The ice maker will produce 8 cubes per cycle - approximately 100~130 cubes in a 24-hour period, depending on freezer compartment temperature, room temperature, number of door openings and other use conditions.

Throw away the first few batches of ice to allow the water line to clear.

Be sure nothing interferes with the sweep of the feeler arm.

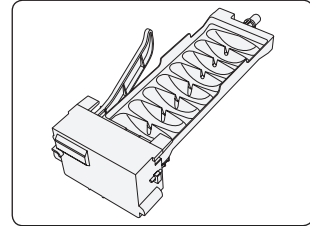
When the bin fills to the level of the feeler arm, the icemaker will stop producing ice.

After the icemaker has been turned on again, there will be a time delay before the icemaker resumes operation.

It is normal for several cubes to be joined together.

If ice is not used frequently, old ice cubes will become cloudy, taste stale and shrink.

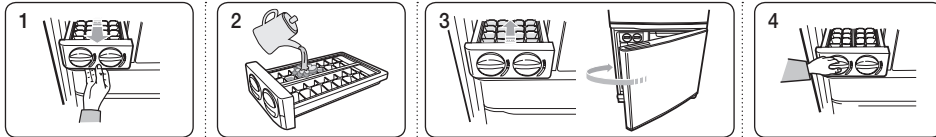
So if you don't want to make ice, press the **Ice On/Off** button.



NOTE

When "Ice making" function is selected, ice-making is priority. Then the temperature of freezer will be over than the setting temperature. If you don't need the "Ice making" function, please press the button of "**Ice On/Off**". Failing to do so may cause noise.

Twist ice maker model



1. Pull out the Ice-cube trays.
2. Fill trays up to the water level mark (arrow).
3. Put the Ice-cube trays back in position. And close the freezer door.
4. Once the water has become frozen, turn the dials on the Ice cube trays to empty Ice cubes into the storage bin.

Operating your samsung refrigerator

Removing and relocating the fridge accessories

1. Door Bins

To remove - Simply lift the bin up and pull straight out.

To replace - Slide it in above the desired location and push down until it stops.

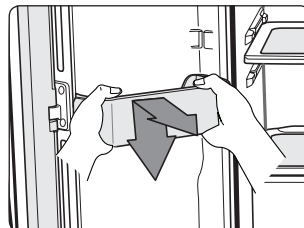
CAUTION

Injury may occur if the door bins are not firmly inserted.

Do not allow children to play with bins. Sharp corners of the bins may cause injury.

NOTE

- Empty the bin before adjusting it.
- Dust removal method -Remove the guard and wash in water.



2. Fridge shelves

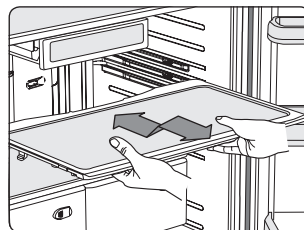
To remove - When pulling out the shelf, if it does not slide out easily, lift it up slightly and pull out again.

To replace - When pushing in the shelf, if it does not slide in easily, lift it up slightly and push in again.

CAUTION

The Glass shelves are heavy.

Use special care when removing them.



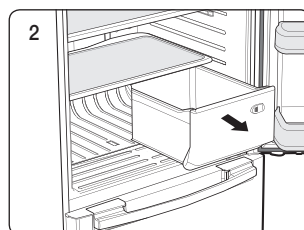
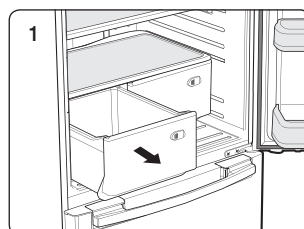
3. Vegetable & Fruit Drawers

To remove - Pull the drawer out to full extension. Tilt up the front of the drawer and pull straight out.

To replace - Insert the drawer into the frame rails and push back into place.

NOTE

- The drawers need to be removed before the glass shelf above them can be lifted out.
- To get the best energy efficiency of this product, please leave all selves, drawers and baskets on their original position like as illustration in page 39.



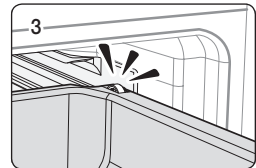
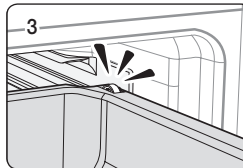
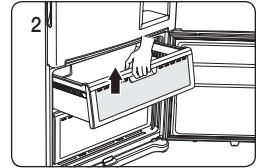
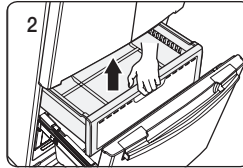
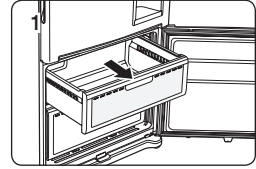
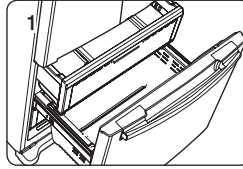
Removing the freezer accessories

1. Pull Out Drawer

To remove - Pull the drawer out to full extension. Tilt up rear of drawer and lift straight out. (Refer to picture 1 & 2.)

Open the freezer door fully and remove the drawer.

To replace - Place the drawer onto the rails by tilting it up. Lower the drawer into place until it is horizontal and slide the drawer in. (Refer to picture 3.)



2. Freezer Drawer Bin

Swing-Type

To remove - Pull the drawer out fully. Tilt up the rear of the bin and lift it out to remove.

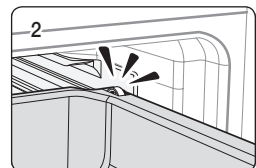
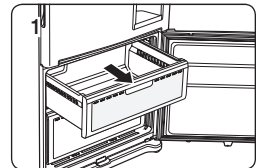
To replace - Place the bin into the rail assembly.

When replacing, place the drawer bin holder into the hole of the rail.

Drawer-Type

To remove the drawer - Pull the drawer out fully. Tilt up the rear of the bin and lift it out to remove.

To relocate the drawer - Place the bin into the rail assembly.

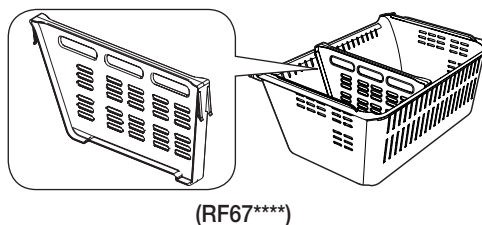
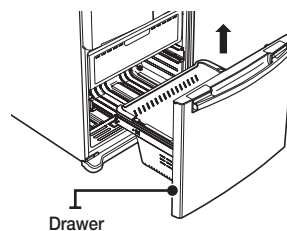


Operating your samsung refrigerator

⚠ CAUTION

Do not allow children to play with the refrigerator, as they could injure themselves or damage the refrigerator.

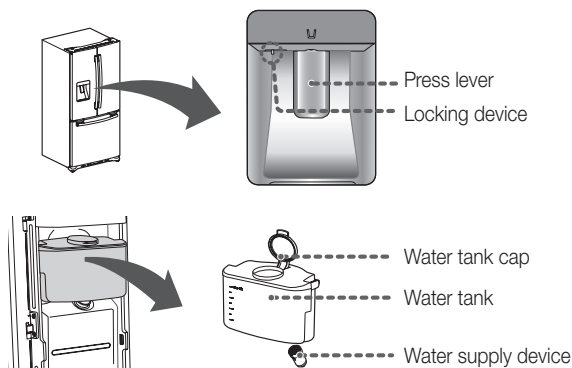
Do not sit on the Freezer door. The door may break. Do not allow children to climb into the Freezer basket.



Using the water dispenser (Option)

You can easily obtain chilled water with the water dispenser without opening the refrigerator door. In addition, you can save electricity by reducing the number of times the door is opened by more than 30 %.

Overview



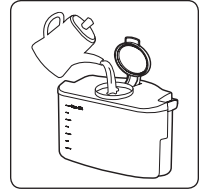
Filling the water tank

You can fill the water with the water tank sitting inside of the refrigerator or you can remove the water tank to fill the water.

Method 1

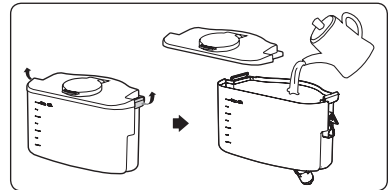
After opening the cap, Fill the water.

If you pour the water too fast, water may overflow.



Method 2

1. Release the lock on the both side of the water tank to remove the lid on the water tank.
2. Fill the water in the water tank.



⚠ CAUTION

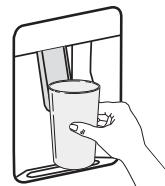
- Do not put anything other than water in the water tank.
- Do not put anything other than water in the water tank.
- Fill with water up to 4.0 L. If the water is filled up above the mark, it can spill out when the door opens and closes.
- Push the cap until you hear a click.

Getting water from the dispenser

Place a glass underneath the water outlet and push it gently against the water dispenser lever with your glass. Blue light will turn on when you push the lever.

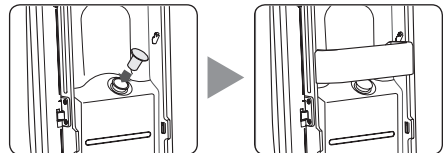
📄 NOTE

- Make sure the glass is in line with the dispenser to prevent the water from splashing out.
- Water dispenser may not be available depending on the model.



When the water dispenser is not in use, the following is recommended

Fix the water supply device tightly into the fixing hole.
The door will not be closed automatically when the water supply device is pulled out for a long time because of cold leaking.



Operating your samsung refrigerator

Cleaning the refrigerator

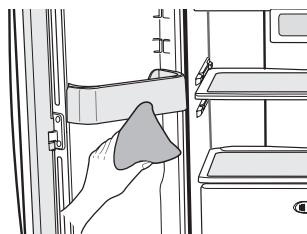
Caring for your Samsung Refrigerator prolongs the life of your appliance and helps keep it odor and germ free.

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.

Cleaning the Interior

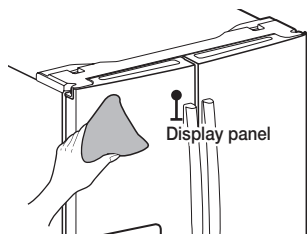
Clean the inside walls and accessories with a mild detergent and then wipe dry with a soft cloth. You can remove the drawers and shelves for a more thorough cleaning. Just make sure to dry drawers and shelves before putting them back into place.



Cleaning the Exterior

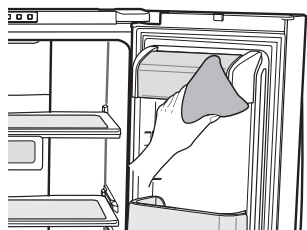
Wipe the display panel with damp, clean, soft cloth. Do not spray water directly on the surface of the Refrigerator.

The doors, handles and cabinet surfaces should be cleaned with a mild detergent and then wiped dry with a soft cloth. To keep your appliance looking its best, the exterior should be polished once or twice a year.



Cleaning the Rubber door seals

If the rubber door seals are dirty, the doors may not close properly, and the Refrigerator will not operate efficiently. Keep the door seals free of grit or grime by cleaning the doors with a mild detergent and damp cloth. Wipe dry with a clean, soft cloth.

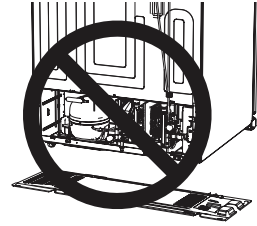


Cleaning behind the Refrigerator

To keep cords and exposed parts free of dust and dirt accumulation, vacuum behind the appliance once or twice a year.

CAUTION

- Do not remove the back cover. Doing so may cause an electric shock.
- Use a clean sponge or soft cloth and a mild detergent in warm water to clean the refrigerator.
- Do not use abrasive or harsh cleansers such as window sprays, scouring cleansers, flammable fluids, muriatic acid, cleaning waxes, concentrated detergents, bleaches, or cleansers containing petroleum products on exterior surfaces (doors and cabinet), plastic parts, door and interior liners, and gaskets.
 - These can scratch or damage the material.
- Do not clean glass shelves or covers with warm water when they are cold. Glass shelves and covers may break if exposed to sudden temperature changes or impacts such as bumping or dropping.



Replacing the interior light

LED Lamps

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

WARNING

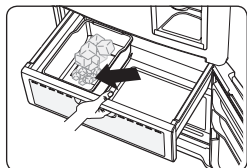
- The lamps are not user-serviceable. Do not attempt to replace a lamp yourself. This can cause electric shock.

Troubleshooting

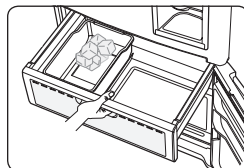
PROBLEM	SOLUTION
The Refrigerator does not work at all or it does not chill sufficiently.	<ul style="list-style-type: none"> • Check that the power plug is properly connected. • Is the temperature control on the display panel set to the correct temperature? Try setting it to a lower temperature. • Is the refrigerator in direct sunlight or located near a heat source? • Is the back of the refrigerator so close to the wall that air cannot keep circulating? (Refer to page 23 for the best location.)
The food in the Refrigerator is frozen.	<ul style="list-style-type: none"> • Is the temperature control on the display set to the correct temperature? Try setting it to a warmer temperature. • Is the temperature in the room too low? • Did you store the food too close to the air vent at the back of the refrigerator? Move the food away from the air vent.
You hear unusual noise or sounds.	<ul style="list-style-type: none"> • Check that the refrigerator is level and stable. • Is the back of the refrigerator too close to the wall and therefore keeping air from circulating? • Was anything dropped behind or under the refrigerator? • A “ticking” sound is heard from inside the refrigerator. It is normal and occurs because various accessories are contracting or expanding according to the temperature of the refrigerator interior. • When the automatic ice maker is on, ice is made in the ice container. After the ice is made, the container inverts and the ice falls into the storage compartment and water flows through the water valve. These operations cause noise at regular intervals, but that noise is normal.
The front corners and horizontal hinged section of the appliance are hot and condensation is occurring.	<ul style="list-style-type: none"> • Some heat is normal as anti-condensators are installed in the horizontal hinged section of the refrigerator to prevent condensation. • Is the refrigerator door ajar? Condensation can occur when you leave the door open for a long time.
Ice Maker is not producing ice.	<ul style="list-style-type: none"> • Did you wait for 12 hours after installation of the water supply line before making ice? • Is the water line connected and the shut-off valve opened? • Did you manually stop the ice making function? • Is the freezer temperature too warm? Try setting the freezer temperature lower.
You hear water bubbling in the Refrigerator.	<ul style="list-style-type: none"> • This is normal. The bubbling comes from the refrigerator coolant liquid circulating through the refrigerator.

PROBLEM	SOLUTION
There is a bad smell in the Refrigerator.	<ul style="list-style-type: none">• Check for spoiled food.• Foods with strong odors (for example, fish) should be tightly covered.• Clean out your freezer periodically and throw away any spoiled or suspicious food.
Frost forms on the walls of the Freezer.	<ul style="list-style-type: none">• Is the air vent blocked? Remove any obstructions so air can circulate freely.• Allow sufficient space between the foods stored for efficient air circulation.• Is the freezer drawer closed properly?

⚠ CAUTION

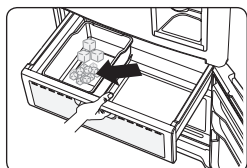


NO

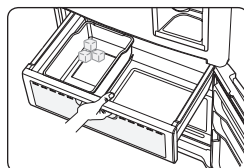


YES

Clean the ice box if there are some small pieces of ice on the bottom.

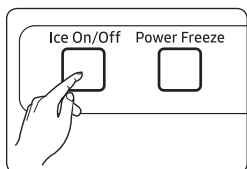


NO

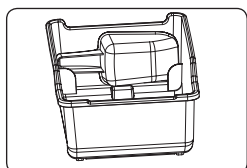


YES

Throw away the coherent ice if the ice maker is not used for long time.



Set **"ICE OFF"** for saving energy if the ice maker will not be used for long time.



If you want to buy and use a tool of shoveling ice, put it into special place of ice box or take it out.

Effective temperature range

The refrigerator is designed to operate normally in the temperature range specified by its class rating.

(This table is not applicable for Australia)

Class	Symbol	Ambient Temperature range (°C)	
		IEC 62552 (ISO 15502)	ISO 8561
Extended Temperate	SN	+10 to +32	+10 to +32
Temperate	N	+16 to +32	+16 to +32
Subtropical	ST	+16 to +38	+18 to +38
Tropical	T	+16 to +43	+18 to +43

NOTE

The cooling performance and power consumption of the refrigerator may be affected by the ambient temperature, the door-opening frequency, and the location of the refrigerator. We recommend adjusting the temperature settings as appropriate.

Memo

Memo



Contact SAMSUNG WORLD WIDE

If you have any questions or comments relating to Samsung products, please contact the SAMSUNG customer care center.

Country	Contact Center	Web Site
AUSTRALIA	1300 362 603 (Other) 1300 425 299 (HHP)	www.samsung.com/au/support
NEW ZEALAND	0800 726 786 (All Product) 0800 6 726 786 (Support for Smart Mobile Devices)	www.samsung.com/nz/support
INDIA	1800 40 SAMSUNG (1800 40 7267864) (Toll-Free)	www.samsung.com/in/support
MALAYSIA	1800-22-8899 (HHP) 1800-88-9999 (OTH) +603-7713 7420 (Overseas contact)	www.samsung.com/my/support
PHILIPPINES	Only for HHP PRODUCT : #GALAXY (just dial #425-299) [PLDT / Globe / Smart / Sun Toll Free] 02-422-2177 [Standard Landline] OTH PRODUCT : 1-800-10-726-7864 [PLDT Toll Free] 1-800-8-726-7864 [Globe Landline and Mobile] 02-422-2111 [Standard Landline]	www.samsung.com/ph/support
SINGAPORE	1800 7267864 1800-SAMSUNG (Other) 1800 4252997 1800-GALAXYS (HHP)	www.samsung.com/sg/support
PANAMA	800-0101	www.samsung.com/latin/support (Spanish) www.samsung.com/latin_en/support (English)
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