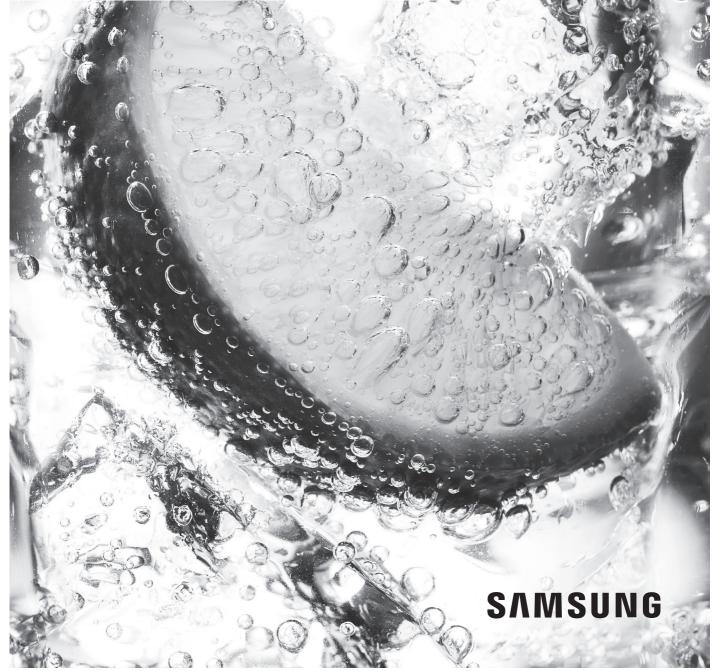




# **User manual**

Free Standing Appliance









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- 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.
- 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.
- 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. (For Europe only)
- 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.

4 English





English 5



- 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. In Queensland the authorized
  Service Person MUST hold a Gas Work Authorization or Licence for
  hydrocarbon refrigerants, to carry out Servicing or repairs which
  involve the removal of covers. (For Australia only)



Warning; Risk of fire / flammable materials



## 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.
- 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 of fire.
- Do not use a power cord that has cracks or abrasion damage along its length or at either end.

English :



- 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.
- 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.

**8** English





- 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.
- 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.
- When positioning the appliance, ensure the supply cord is not trapped or damaged.
- Do not locate multiple portable socket-outlets or portable power supplies at the rear of the appliance.

## **Installation cautions**

# **A** 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.
- 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.









- 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.
- 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.
- 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.
- Do not attempt to repair, disassemble, or modify the refrigerator vourself.
- 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.







## **Usage cautions**

## **A** 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.





**(** 

- 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.

17



- 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.
- 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.







- 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.







- 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.

## **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.







Follow these instructions carefully to ensure a proper installation of this refrigerator and to prevent accidents before using it.

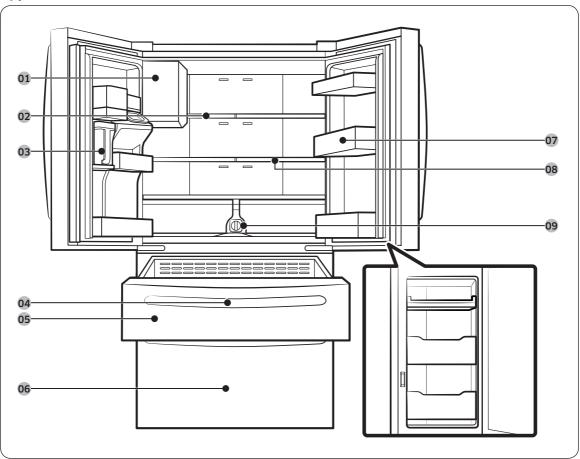
#### **⚠** WARNING

- Use the refrigerator only for its intended purpose as described in this manual.
- Any servicing must be performed by a qualified technician.
- Dispose of the product packaging material in compliance with the local regulations.
- To prevent electric shock, unplug the power plug before servicing or replacing parts.

#### 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.

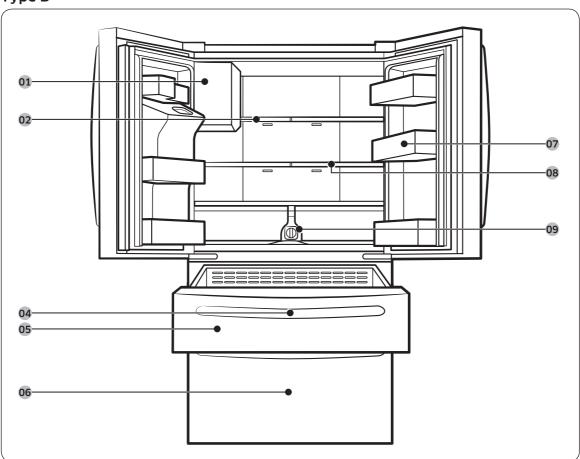
#### Type A







Type B



- 01 Auto Ice Maker
- Autofill Pitcher \*
- Cool Select+ (FlexZone)
- Door bins
- Water filter
- \* applicable models only

- Slide in shelf
- Main panel (on the Cool Select+ (FlexZone) handle)
- Freezer
- Slide in shelf





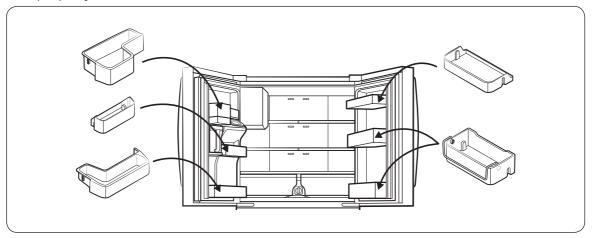


## NOTE

- For energy efficiency, keep all shelves, drawers, and baskets in their original positions.
- When closing the door, make sure the vertical hinged section is in the correct position to avoid scratching the other door.
- If the vertical hinged section is reversed, put it back into the correct position, and then close the door.
- Moisture may form at times on the vertical hinged section.
- If you close a door forcefully, the other door may open.
- When a door is opened, the interlock switch automatically disables the auger motor of the ice maker for safety reasons.
- If the internal or external LED lamp is out of order, contact a local Samsung service center.
- If the door is left open for too long, the top internal LED will blink. This is normal.

#### **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.







English 27



#### Step-by-step installation

#### **STEP 1** Select a site

#### The site must:

- Have a solid level surface without carpeting or flooring that may obstruct ventilation
- Be out of direct sunlight
- Have adequate room for opening and closing the door
- Be away from any heat source
- Provide room for maintenance and servicing
- Have a temperature range between 10 °C and 43 °C

#### **!** CAUTION

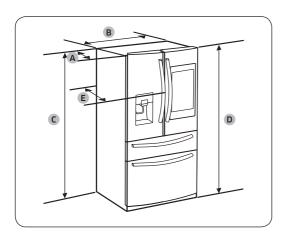
- If your refrigerator is equipped with an ice maker, provide extra space at the rear of the refrigerator for the water line connection.
- When you install the refrigerator next to a fixed wall, you must provide a minimum clearance of 95 mm from the wall to allow the door to swing open.

## ■ NOTE

To facilitate moving your refrigerator to its final location, be sure to measure the width and height of doorways, thresholds, ceilings, stairways, and anything else that needs to be taken into consideration to ensure you can move your refrigerator safely. The following diagram illustrates the exact height and depth (factory specifications) of your refrigerator.

#### Clearance

See the pictures and table below and on the next page for installation space requirements.

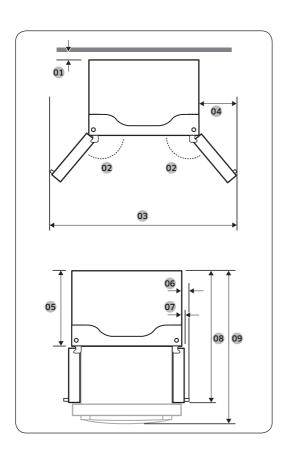


Depth "A"	724 mm
Width "B"	908 mm
Height "C"	1749 mm
Overall Height "D"	1777 mm
Depth "E"	788 mm

Untitled-2 27 2019-08-13







01	more than 50 mm
	recommended
02	125°
03	1578 mm
04	335 mm
05	610 mm
06	122 mm
07	61 mm
08	1088 mm
09	1125 mm



The measurements of your refrigerator may differ from those listed above, depending on the measuring method.



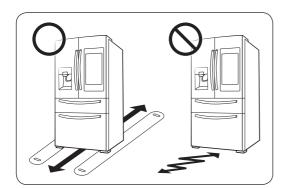


English 29



#### **STEP 2 Flooring**

If the refrigerator cannot pass through the entrance due to its size, see **STEP 3 Door** removal for entrance.



- The surface of the installation location must support a fully loaded refrigerator.
- To protect the floor, put a large piece of cardboard under each leg of the refrigerator when you move it for installation.
- To protect the floor once the refrigerator is in its final position, do not move it unless necessary. If you have to move it, place thick paper or cloth such as an old carpet, along the movement path.







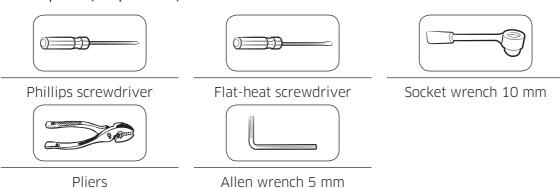
#### **STEP 3** Door removal for entrance

If the refrigerator cannot pass through the entrance to your home or kitchen due to its size, follow these instructions to remove and then re-install the refrigerator's doors. If you do not need to remove the doors, go to page **27** to continue the installation procedure.

#### **MARNING**

Unplug the power cord of the refrigerator before removing the doors.

#### Tools required (not provided)



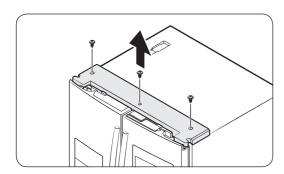




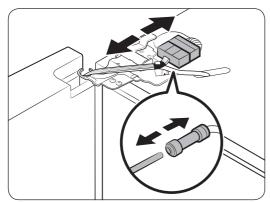


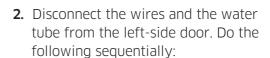
#### Detach the fridge doors

Left door



**1.** With the doors closed, use a Phillips head screwdriver to remove the screws (x3) in the top cover.



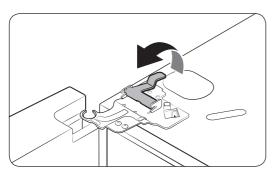


- Decouple the connector.
- While holding down one end of the water line coupler, disconnect the water tube.

#### **A** CAUTION

Keep the water tube clips out of children's reach.

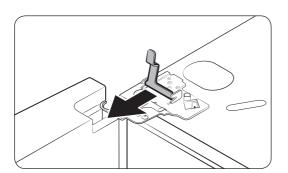
**3.** Gently draw up the clamp in several steps. To prevent finger injuries, do not apply a sudden force to the clamp.







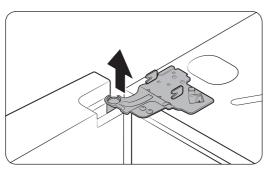








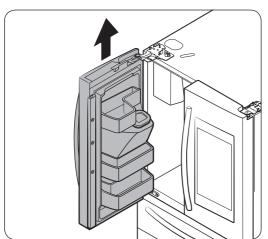
Be careful not to drop the clamp on the floor



**5.** Open the door 90 degrees. While holding the door, pull up and remove the top hinge. Be careful not to damage the connector wires when you remove the hinge.



Be careful not to drop the hinge on the floor.



- **6.** Gently pull up the door vertically to remove. Do not apply excessive force to the door. The door may fall, causing physical injury.
- **7.** Lay the door down on a flat surface.

#### **!** CAUTION

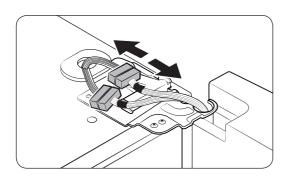
Please put the door down slowly to prevent scratches.







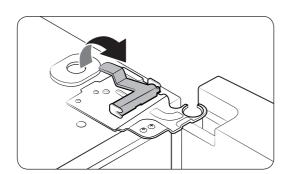
#### Right door

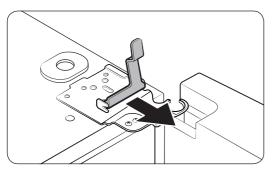


**1.** Disconnect the wire connectors (x2) on the right door. The position of the connectors differs with the model.

#### **!** CAUTION

- Do not remove both doors simultaneously. Make sure to remove one door at a time. Otherwise, one of the doors may fall and cause physical injury.
- Make sure the refrigerator is off before disconnecting the connectors.
- **2.** Gently draw up the clamp in several steps. To prevent finger injuries, do not apply a sudden force to the clamp.





3. Pull up the clamp to remove it.

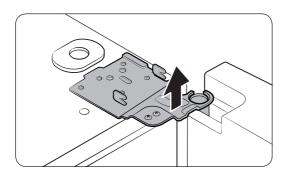


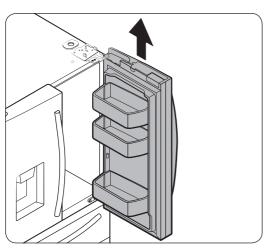
Be careful not to drop the clamp on the floor.











**4.** Open the door 90 degrees. While holding the door, pull up and remove the top hinge. Be careful not to damage the connector wires when you remove the hinge.

#### NOTE

Be careful not to drop the hinge on the floor.

- **5.** Gently pull up the door vertically to remove. Do not apply excessive force to the door. The door may fall, causing physical injury.
- **6.** Lay the door down on a flat surface.

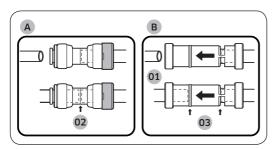






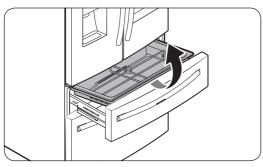
#### To reattach the fridge door

After you have moved the refrigerator to its final location, reattach the doors by following the removal instructions in reverse order.



- **01** Dispenser
- **02** Center of transparent coupler
- **03** Guidelines

# Detach the Cool Select+ (FlexZone) drawer



#### **A** CAUTION

To prevent water leaks from the dispenser, the water line must be fully connected. Make sure both tubes of the water line are inserted fully to the center of transparent coupler (A) or the guidelines (B).

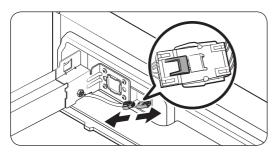
1. Lift up to remove the Cool Select+ (FlexZone) basket.

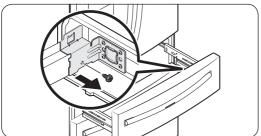
2. Remove the wire cover along with the connector harness using a flat-head screwdriver.

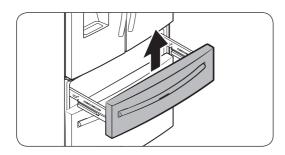












**3.** Press the locking tab to disconnect the wire connector.

## **A** CAUTION

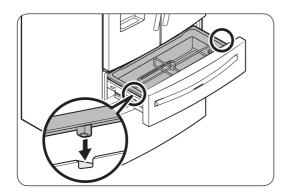
When relocking the tab, make sure to fully connect the wire connector. Otherwise, the Cool Select+ (FlexZone) will not operate.

- **4.** Remove the hex-head bolt on each side of the drawer using a 10 mm socket wrench.
- **5.** Lift up to remove the **drawer front of** the Cool Select+ (FlexZone) from the rail assembly.









#### **A** CAUTION

- Use caution when removing the rail assembly, which may fall off causing damage to the floor.
- Make sure to put the Cool Select+
   (FlexZone) drawer in place after
   removing or mounting the Cool Select+
   (FlexZone) basket. The Cool Select+
   (FlexZone) drawer may not open or
   close if the freezer drawer is not in
   place.
- Do not store too much food in the Cool Select+ (FlexZone) drawer. This prevents the Cool Select+ (FlexZone) drawer from closing properly, resulting in frost buildup.

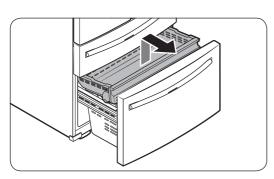
#### To reattach the Cool Select+ (FlexZone) drawer

After you have moved the refrigerator to its final location, re-attach the Cool Select+ (FlexZone) drawer by following the removal instructions in reverse order.

#### **!** CAUTION

If the Cool Select+ (FlexZone) or the indicator does not operate properly, make sure the connectors are connected properly.

#### To detach the freezer drawer



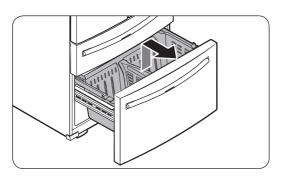
**1.** Push the **upper basket** to the end, and then pull up to remove.



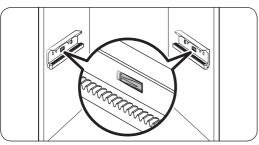




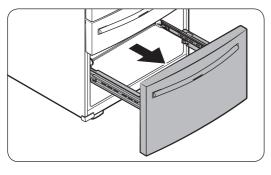
## Installation



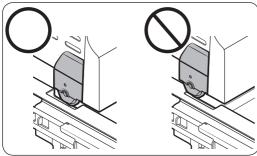
**2.** Then, pull up to remove the **lower** basket from the rail assembly.



**3.** Press down the hooks to unlock the rail assembly.



**4.** While holding the upper area of the freezer drawer front, slide the drawer out all the way to remove the freezer drawer from the rail assembly.



### **A** CAUTION

- Be careful not to scratch or dent the rail assembly.
- Make sure you mount the freezer baskets in the correct position.
   Otherwise, the door will not open or close properly, which causes frost to build up.
- Do not store too much food in the freezer drawer. This prevents the freezer drawer from closing properly, resulting in frost buildup.







#### To reattach the freezer drawer

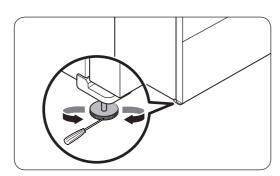
Once the refrigerator is in or near it's final location, re-attach the freezer drawer by following the directions in the reverse order of removal.

#### **STEP 4** Adjust the levelling feet

#### **!** CAUTION

- When installed, the refrigerator must be leveled on a flat, solid floor. Not leveling the refrigerator can cause damage to the refrigerator or physical injury.
- Levelling must be performed with the refrigerator empty. Make sure no food items are inside the refrigerator.
- For safety reasons, adjust the front a little higher than the rear.

Level the refrigerator using the special screws (levellers) on the front legs. Use a flat-head screwdriver to turn the levellers.



- To adjust the height of the left side: Insert a flat-head screwdriver into the leveller of the left side front leg. Turn the leveller clockwise to raise the left side or turn it counterclockwise to
- To adjust the height of the right side: Insert a flat-head screwdriver into the leveller of the right side front leg. Turn the leveller clockwise to raise the right side or turn it counterclockwise to lower.

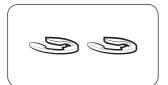




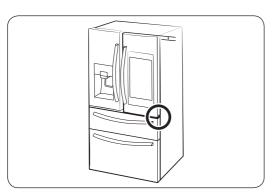


## Installation

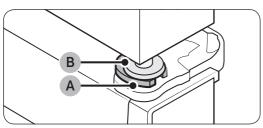
#### **STEP 5** Adjust the door height



The height of a door can be adjusted using the provided snap rings, which come in 4 different sizes (1 mm, 1.5 mm, 2 mm, and 2.5 mm).



**1.** Check the height difference between the doors, and then lift up and hold the door with the lower height.



2. Insert a suitable-sized snap ring (A) between the door grommet (B) and the hinge as shown.

#### **!** CAUTION

- Insert only one snap ring for this purpose. If you insert two or more snap rings, the rings may slip out or make a rubbing noise.
- Keep the snap rings out of children's reach, and keep them for future use.
- Do not raise the door too much. The door can contact and damage the top cover.

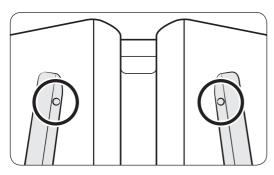


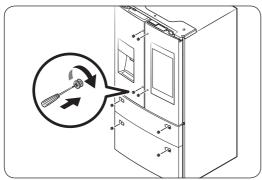


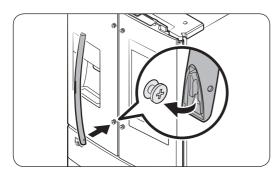
English 41

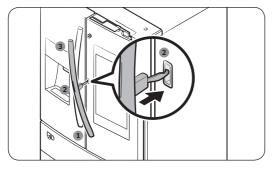


#### **STEP 6** Attach the handles









#### **!** CAUTION

The refrigerator handles must be oriented in the correct direction.

- The fridge handles must be attached so that the holes on each face each other.
- The freezer handle must be attached so that its hole faces downwards.
- **1.** Using a Phillips screwdriver, attach the handle screws to the refrigerator, two for each handle respectively, as shown in the illustration to the left.

**2.** To attach the fridge handles to the refrigerator, first place the lower side of one handle onto the lower handle screw.

For type B handle: Attach the handle in the following order: (1) bottom, (2) middle, (3) top. Refer to the figure on the left.

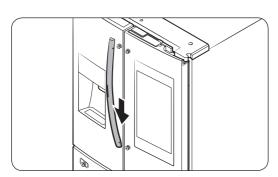


The design of the right side door handle may differ depending on your model.

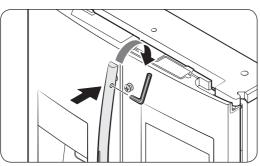




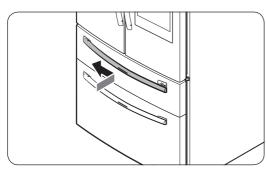
## Installation



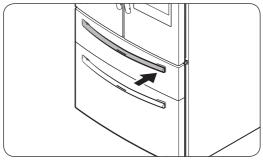
**3.** Push the handle down, and then place the upper side of the handle onto the upper handle screw.



- **4.** Insert the supplied wrench into the handle hole, and then turn it clockwise to tighten.
- **5.** Repeat Steps 2 through 4 with the second refrigerator door handle.



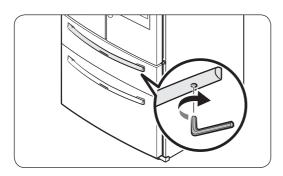
**6.** To fix the freezer handle to the refrigerator, first place the left side of the freezer handle onto the left handle screw.



**7.** Push the handle to the left, and then place the right side of the freezer handle onto the right handle screw.







**8.** Insert the supplied wrench into the handle hole, and then turn it clockwise to tighten.







## Installation

#### STEP 7 Connect to a water source

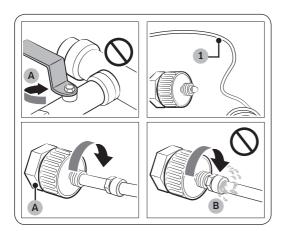
#### **A** CAUTION

- The new hose-sets supplied with the appliance are to be used and that old hose-sets should not be reused.
- The water line must be connected by a qualified technician.
- The warranty for your refrigerator does not cover the water line installation. The water line installation will be performed at your own costs unless the installation fee is included in the retailer's price.
- Samsung takes no responsibility for the water line installation. If water leaks occur, contact the installer of the water line.

#### To connect the cold water pipe to the water filtering hose

#### **!** CAUTION

• Make sure the water filtering hose is connected to a cold, potable water source pipe. Connecting to the hot water pipe may cause the purifier to malfunction.



- A. Close Main Water pipe
- B. No gap

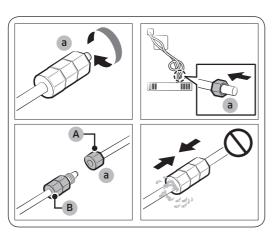
- **1.** Shut off the water supply by closing the main water valve.
- **2.** Locate the cold, potable water pipe (1).
- **3.** Follow the Water Line Installation to connect to the water pipe.
- **4.** When connection is complete, open the main water valve and dispense about 3 liters of water. This is to remove impurities inside the pipe.



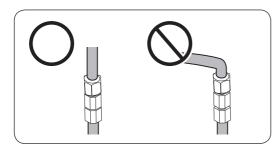


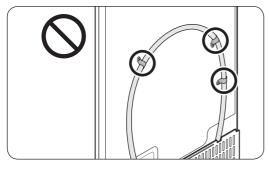


#### To connect the water filtering hose to the water line



- A. Water Line from unit
- B. Water Line from Kit





- **1.** Loosen and remove the **compression nut (a)** from the water line of the refrigerator, and insert it to the water filtering hose.
- **2.** Tighten up the compression nut (a) to connect the water filtering hose and the water line.
- **3.** Open the main water valve and check for any leaks.
- **4.** If there are no leaks, dispense about a 3 liters of water before actually using the refrigerator to remove impurities inside the water filtering system.



If you have to relocate the refrigerator after connecting the water line, make sure the joined section of the water line must is straight.

#### **!** CAUTION

Do not mount the water filter on any part of the refrigerator. This may damage the refrigerator.

#### To repair the water line

#### **!** CAUTION

The waterline must be repaired by a qualified professional. If you encounter a water leak, contact a local Samsung service centre or the installer of the waterline.

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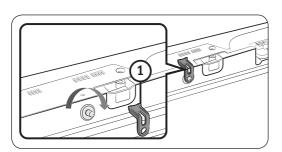




## Installation

#### **STEP 8** Initial settings

By completing the following steps, the refrigerator should be fully functioning.



#### **!** CAUTION

Before installing the refrigerator, make sure to remove the **Cover Interlock (1)** from the top of the fridge door. Otherwise, injuries may be caused by the ice crushing blade. The product may not have the Cover interlock depending on the model.

- **1.** Plug the power cord into the wall socket to turn the refrigerator on.
- 2. Open the door, and check if the interior light lights up.
- **3.** Set the temperature to the coldest setting, and wait for about an hour. Then, the freezer will be slightly chilled, and the motor should be running smoothly.
- **4.** Wait until the refrigerator reaches the set temperature. Now the refrigerator is ready for use.

#### STEP 9 Final check

When installation is complete, confirm that:

- The refrigerator is plugged into an electrical outlet and grounded properly.
- The refrigerator is installed on a flat, level surface with a reasonable clearance from walls and cabinets.
- The refrigerator is level and is sitting firmly on the floor.
- The door opens and closes freely, and the interior light turns on automatically when you open the door.







#### User interface

## NOTE

- For more information about other menus and apps available on the Refrigerator app, see the Online manual of your refrigerator.
- The content of apps and widgets, or their design is subject to change or support may be discontinued without notice, depending on the content provider's policy.
- Children's use of the refrigerator's functions, apps, and services must be supervised by adults.
- Underage transactions with the services must be supervised by adults.



- **01** Home screen
- **02** Soft buttons







#### 01 Home screen



#### 01 Apps & Widgets

- Tap a desired app or widget to launch
- Tap and hold an app or widget to enter Edit mode. A grid appears. In Edit mode, you can drag and drop an app or widget to a new position on the grid. When you move the app or widget to a new grid location, the location turns grey if it is available. If it is not available, it turns
- You can add an app or widget that has been removed from the Apps list.

#### 02 Status bar

• Displays the status of various functions. (Refer to the following Icon descriptions table.)

#### Icon descriptions

Bluetooth (⊀)	Indicates Bluetooth connection status.	
USB (ψ)	Indicates USB connection status.	
	♠ NOTE	
	The refrigerator supports USB memory that is formatted in the FAT32 or exFAT file systems. NTFS is not supported. Be sure to convert NTFS to FAT32 or exFAT before use.	
Remote Management	Turns on when Remote Management is enabled and running.	
Network (♠)	Indicates network connection status in 5 levels (Off, 1-4).	
Software Update (©)	Indicates the newest version of software has been downloaded from the server and is ready to update.	







Notification (🔍	Indicates there is a notification message.
Cloud sync (C)	Indicates Family Hub is receiving data from the cloud server.
Energy Saver (%)	Indicates Energy Saver is on.

#### 02 Soft buttons



#### **01** Bixby

- Tap to use Bixby.

#### **02** Task Manager

- Tap to open the Task Manager.
- See the Task Manager section for details.

#### 03 Home

- Tap to open the Home screen.

#### **04** Return

- Tap to return to the previous screen.

#### **05** Notification

- Tap to display the Quick Panel.

#### 06 Hide/Show

- Tap to hide or show Soft buttons.
- The Hide/Show button only appears when an app is active.

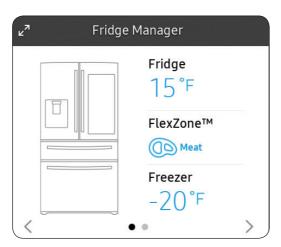






#### Fridge Manager

To access Fridge Manager, swipe the Home screen to the left, and then tap the **Fridge** Manager widget.



- Tap < or > on the bottom of the widget to move between pages.
- On the first page, you can check the current temperatures or modes of each compartment as well as active special functions.
- Tap the first page to open the Fridge Manager for detailed settings.
- On the second page, you can check the filter status.
- Tap the second page to open the Fridge Settings.
- Tap Buy Filter on the second page to open the website where you can purchase a water filter.









The Fridge Manager is a graphical representation of your refrigerator. The top half represents the refrigerator compartment, the bottom left the freezer compartment, and the bottom right the Cool Select+. The temperature or mode settings for each are displayed over each

Fridge Manager At a Glance

#### **01** Temperature

section.

Set or change the temperatures for the fridge, freezer, and Cool Select+ with Power mode (Power Cool or Power Freeze).

- Power Cool and Power Freeze speeds up the cooling and freezing process at maximum fan speed. The fridge and the freezer keeps running at full speed for several 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.

## (E) NOTE

Using Power Cool or Power Freeze increases power consumption. Make sure you turn it off to return to the previous temperature if you do not intend to use it.





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**02** Cool Select+ (FlexZone) / °F ↔ °C (3 sec)

The Cool Select+ (FlexZone) is a full-width drawer featuring temperature control. It has a temperature sensor that adjusts the amount of cold air allowed into the zone.

- Press Cool Select+ (FlexZone) repeatedly to select a desired mode. By default, Deli is selected
- The refrigerator adjusts the temperature in the Cool Select+ (FlexZone) according to the selected mode.

Mode	Description	Examples
Wine	Select Wine to keep food fresh for a long time.  The temperature of the Cool Select+ (FlexZone) will be kept around 5 °C.	Wine, cocktails, cake, cheese
Deli	Select Deli to keep food fresh for a longer time.  The temperature of the Cool Select+ (FlexZone) will be kept around 3 °C.	Pineapples, lemons, biscuits, potatoes
Beverage	Select Beverage to keep drinks cold and refreshing.  The temperature of the Cool Select+ (FlexZone) will be kept around 1 °C.	Bottled water, juice, soft drinks, beer
Meat	Select Meat to keep meat or fish fresh for a longer time.  The temperature of the Cool Select+ (FlexZone) will be kept around -1 °C.	Steaks, cold cuts, bacon, chili dogs

#### **!** CAUTION

- Do not use the Cool Select+ (FlexZone) to store most kinds of fruit or leafy vegetables. These food items may suffer cold-temperature damage.
- Do not store glass bottles in the Cool Select+ (FlexZone) in Beverage or Meat mode. They may break and cause physical injury.

0F 0G	You can also use the Cool Select+ (FlexZone) button to switch the temperature scale between Celsius and Fahrenheit.
°F ↔°C	To switch the temperature scale, press and hold <b>Cool Select+</b> (FlexZone) for 3 seconds to change the current temperature scale.

#### **03** Special Features

Special functions available on this refrigerator are listed with a brief description.

#### **04** Fridge Settings

See the next page for details.

**05** External Conditions







Displays the external (ambient) temperature and humidity.

## ■ NOTE

The displayed conditions may differ from the actual temperature and humidity.

### ■ NOTE

Also displayed is the **Ice Maker off** indicator at the top, center. When the indicator displays **Ice Maker off**, the refrigerator's ice maker is turned off.

Ice Maker	Turns the icemaker on and off. Tap and drag the button to turn on or off. Note that if the ice bucket is full of ice, the refrigerator does not start making ice when you turn on the icemaker, but displays the Ice Full indicator on the main screen. If you hold down the dispenser lever for 5 seconds, the Ice Maker Off status changes to Making ice.
Dispenser Lock	Turn the Dispenser Lock on or off.
Door Alarm	With the Door Alarm enabled, the door being open displays an alert with a beep. With the Door Alarm disabled, the door being open displays just an alert.
Temp. Unit	Switch the scale unit between Celsius and Fahrenheit.
Water Filter	Provides a water filter replacement tutorial and lets you reset the water filter replacement indicator. Tap to open.  NOTE  • After installing the water filter, tap Water Filter, and then tap Reset. Tapping Reset re-initializes the function that measures the time remaining until the water filter needs to be replaced again.  • If you tap the Buy Filter, you will be directed to the website where you can purchase a water filter.
Self Check	Self Check is a self diagnoses function. Tap to open. Tap <b>Start</b> to run.
Energy Saver	Tap and drag this button to turn Energy Saver mode on and off. The Energy Saver function automatically turns off when power is supplied to the refrigerator. Settings of Energy Saver may differ with the model. If condensation or water drops appear on the doors, turn the Energy Saver mode off.









### Settings

	Wi-Fi	Turn on or turn off a Wi-Fi connection. The current Wi-Fi network is listed first in the access point (AP) list.
	Network Status	You can check your Network Status by Selection of Network Status Menu.
Connections	Bluetooth and	<ul> <li>When the Speaker mode is on, you can listen to music and media on your mobile phone or tablet through Family Hub's speaker.</li> <li>Only one connected mobile phone or tablet is listed.</li> <li>When the Speaker mode is off, you can search and connect to nearby Bluetooth-enabled devices.</li> </ul>
Connections	Speaker	<ul> <li>Up to 4 recently paired Bluetooth devices are listed.</li> <li>To add a new device when 4 paired devices are listed, first unpair a paired device from the device list.</li> <li>Available devices are Bluetooth-enabled headsets, headphones, and speakers.</li> </ul>
	Easy Connection	Easy Connection can be used with Samsung Smartphone apps, and allows you to connect your device to the same home Wi-Fi network that your smartphone is connected to.
Display	Display	You can set the screen brightness, wallpapers, auto wake-up, theme, screen timeout, and duration of the screen saver.
	Clean screen mode	Turn on so you can clean the screen without activating any apps.
Sound		Set the volume and equalizer and turn on or turn off the touch sound.
Notifications		You can turn on or turn off Preview of Notification.
Profile		You can add, edit, or delete a profile.

**(** 







Bixby		<ul> <li>You can set the function that related with voice recognition.</li> <li>Language and Voice Style: Set the language to communicate with Bixby and set the style of voice feedback. The selected language is applied only when you talk with Bixby.</li> <li>Sound feedback: Change the sound feedback settings.</li> <li>Voice wake-up: Set Bixby to wake up when it hears you say "Hi, Bixby". You can also change the settings for the voice wake-up feature.</li> <li>Voice ID: Change the Voice ID settings. You can also register and delete the Voice ID.</li> <li>Privacy: Set to use Bixby's interactive and customised services to enhance your experience.</li> <li>About Bixby: View the Bixby version and legal information.</li> </ul>
Security		Enable or disable restrictions on Family Hub features and apps.
Storage		You can check saving storage of each app and check saving storage of Images.
	Language	Select a preferred language. Available languages depend on the sales region.
Language and Time	Date and Time	<ul> <li>Make sure the Auto update function is on with a proper Wi-Fi network connection. Open the fridge door and locate the display reset button on the inner side of the door. Press the button and press again to reset the display. Then, the date and time will be synced by the time server.</li> <li>You can change the time zone through the Time zone menu.</li> </ul>







•



	Device information	<ul> <li>Make sure the Software Update function is on with a proper Wi-Fi network connection.</li> <li>When updates are available, the Update button becomes active. When updates are complete, the refrigerator restarts automatically.</li> <li>Legal information displays the Open Source License Agreement. Tap the list item to open the Open Source Announcement.</li> </ul>
About Family Hub	Restart and Factory Data Reset	<ul> <li>You can restart Family Hub LCD by selection of Restart Button.</li> <li>You can initialize Setting of Wi-Fi and Bluetooth by selection of Reset network Settings Button.</li> <li>Tap Reset to restart the refrigerator by selection of Factory Data Reset button. All user data will be removed permanently. Data that will be removed includes account information, memos, photos, and user settings.</li> </ul> CAUTION
		Once factory reset is complete, no user data can be recovered.
	Online Manual	The online manual will walk you through various menus and apps that the refrigerator provides directly on the display.
Help & Contact Us	Remote Management	<ul> <li>Use Remote Management to allow a service representative to remotely diagnose problems and provide solutions.</li> <li>Remote Management requires a Wi-Fi connection.</li> <li>The Remote Management menu does not appear on models that do not support Remote Management.</li> </ul>

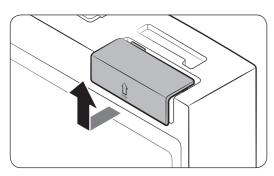




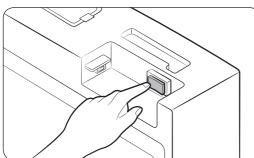


#### Display reset (applicable models only)

If you encounter an abnormal symptom on the display, try resetting the display. This may solve the symptom.



- 1. Open the right-side fridge door and locate the switch cover on the top right corner of the door.
- **2.** Push up the cover to reveal the power switch.



- **3.** Turn the switch off and turn it on again.
- 4. Reinsert the switch cover to the end until you hear a clicking sound.





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#### **SmartThings**

#### Installation

Visit the Google Play Store, Galaxy Apps, or Apple App Store and search for "SmartThings". Download and install the SmartThings app provided by Samsung Electronics to your smart device.

### (E) NOTE

- The SmartThings app is not available for some tablet and iPad and some smartphone.
  - support that [Android] OS 6.0 or higher(mimimum 2GB RAM Size)
  - support that [iOS]10.0 or higher/iPhone6 or higher
- For improved performance, the SmartThings app is subject to change without notice, or discontinued support according to the manufacturer's policy.
- Recommended encryption systems include WPA/TKIP and WPA2/AES. Any newer or unstandardized Wi-Fi authentication protocols are not supported.
- Wireless networks may be affected by the surrounding wireless communication environment.
- If your Internet service provider has registered the MAC address of your PC or modem for identification, your Samsung Smart Refrigerator may fail to connect to the Internet. If this happens, contact your Internet service provider for technical assistance.
- The firewall settings of your network system may prevent your Samsung Smart Refrigerator from accessing the Internet. Contact your Internet service provider for technical assistance. If this symptom continues, contact a local Samsung service center or retailer.
- To configure the wireless access point (AP) settings, see the user manual of the AP.
- Samsung Smart Refrigerators support both IEEE 802.11 b/g/n(2.4GHz) and 802.11a/n/ac(5GHz) protocols. (IEEE 802.11 n and 802.11ac are recommended.)
- Unauthorized Wi-Fi wireless routers may fail to connect to applicable Samsung Smart Refrigerators.







#### Samsung account

You are required to register your Samsung account to use the app. If you don't have a Samsung account, follow the app's onscreen instructions to create a free Samsung account.

#### **Getting** started

Turn on the device you want to connect, open the SmartThings app on your phone, then follow the instructions below.

If a pop-up appears saying that a new device has been found, tap ADD NOW.

If a pop-up doesn't appear, tap the + button, then select the device you want to connect from the list of available devices.

If your device isn't in the list of available devices, tap **Supported Devices**, select the device type (Refrigerator), and then select the specific device model.

Follow the instructions in the app to set up your device. Once setup is complete, your refrigerator will appear as a "card" on your **Devices** screen.

#### Refrigerator app

#### Integrated control

You can monitor and control your refrigerator at home and on the go.

- Tap the refrigerator icon on the SmartThings Dashboard or tap the Devices icon at the bottom of the Dashboard, and then tap the refrigerator "card" to open the Refrigerator page.
- Check the operation status or notifications related to your refrigerator, and change options or settings if necessary.

### ♠ NOTE

Some options or settings of the refrigerator may not be available for remote control.





Category	Item	Description
	Fridge temperature	Displays the desired temperature setting of the fridge.
	Freezer temperature	Displays the desired temperature setting of the freezer.
Monitoring	Cool Select+ (FlexZone) settings	Displays the settings of the Cool Select+ (FlexZone).
	Self Check	Detects abnormal operations of the refrigerator.
	Energy monitoring	Checks the accumulated power consumption of the refrigerator for the last 180 days.
	Ice making	You can turn the ice making function on or off, and check the current settings of the function.
	ice making	You can also check the status and progress of ice making.
	Power Cool	You can turn Power Cool on or off, and check the current settings.
Functions	Power Freeze	You can turn Power Freeze on or off, and check the current settings.
	Fridge temperature	You can change the desired temperate setting of the Fridge.
	Freezer temperature	You can change the desired temperate setting of the Freezer.
	FlexZone	You can change the mode of the FlexZone.
Alarms	Abnormally high temperature	This alarm is triggered when the fridge, the freezer, or the Cool Select+ (FlexZone) has abnormally high temperatures.
	Door opening	This alarm is triggered if the fridge or freezer door or the Cool Select+ (FlexZone) door is left open for a specific time.
	Water filter replacement	This alarm reminds you that the water filter must be replaced.
Inside Image		You can view the inside of the refrigerator and can see if you need to replace food items.
Family Hub App Link		You can connect to the App Store and download the Refrigerator app.







### Recommendations for voice recognition

For the voice recognition function, there is a built-in microphone at the top of the refrigerator's display. To use the voice recognition function:

- Stand no more than 3 feet (1 meter) from the refrigerator and speak loudly and clearly towards the built-in microphone.
- Speak at a regular pace. Reduce ambient noises, such as noises from a living-room TV.

### ♠ NOTE

The voice recognition function may not work if you stand more than 3 feet (1 meter) away or if you speak too softly.

### Samsung Family Hub

#### Installation

Visit the Google Play Store, Galaxy Apps, or Apple App Store and search for "Samsung Family Hub". Download and install the Samsung Family Hub app provided by Samsung Electronics to your smart device.

## ■ NOTE

- The Samsung Family Hub app is not available for some tablet and iPad and some smartphone.
  - support that [Android] OS 6.0 or higher(mimimum 2GB RAM Size)
  - support that [iOS]10.0 or higher/iPhone6 or higher.
- For improved performance, the Samsung Family Hub app is subject to change without notice. Support may be discontinued according to the manufacturer's policy.
- Wireless networks may be affected by the surrounding wireless communication environment.
- If your Internet service provider has registered the MAC address of your PC or modem for identification, your Samsung Smart Refrigerator may fail to connect to the Internet. If this happens, contact your Internet service provider for technical assistance.
- The firewall settings of your network system may prevent your Samsung Smart Refrigerator from accessing the Internet. Contact your Internet service provider for technical assistance. If this symptom continues, contact a local Samsung service center or retailer.



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#### Samsung account

You are required to register your Samsung account to use the Samsung Family Hub app. If you don't have a Samsung account, follow the app's onscreen instructions to create a free Samsung account.

## NOTE

To connect your smartphone and the refrigerator, register your Samsung account in  $\mathbf{Settings} \rightarrow \mathbf{Profile}$ .

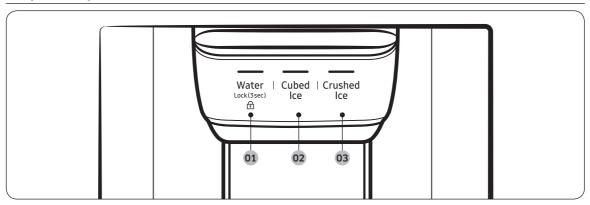
Item	Description
Calendar	You can share your schedule with your family.
To Do	You can create and edit a to-do list.
Memo	You can bring a Memo from your refrigerator to your smartphone or send a Memo from your smartphone to your refrigerator.
White Board	You can bring a White Board message from your refrigerator to your smartphone or send a White Board message from your smartphone to your refrigerator.
Photo	You can send photos from your smartphone to the refrigerator.
View Inside	You can check the inner view of the refrigerator, use different labels to register item-specific storage periods, and keep track of them to ensure you use items by their use-by dates.
Shopping List	You can create and edit shopping lists.







## Dispenser panel



**01** Water / Lock

**02** Cubed Ice

**03** Crushed Ice

### 01 Water / Lock (3 sec)

Water	To dispense chilled water, press <b>Water</b> . The corresponding indicator turns on.	
Lock (Dispenser panel / Dispenser lever)	To prevent the use of the dispenser panel buttons and the dispenser lever, press and hold Water for more than 3 seconds. If you press and hold the button again for more than 3 seconds, the dispenser lock will be deactivated. When dispenser lock is on, the indicator blinks if any button on the dispenser panel is pressed or the dispenser lever is pressed.  NOTE  The Lock on the dispenser panel does not affect the controls on the main panel. To lock the main panel, use the Control Lock function on the main panel.	

#### 02 Cubed Ice

Cubed Ice	Press <b>Cubed Ice</b> to dispense cubed ice. The corresponding
coped ice	indicator turns on.

### 03 Crushed Ice

i riished ice	Press <b>Crushed Ice</b> to dispense crushed ice. The corresponding
	indicator turns on.

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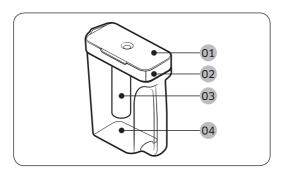
English 63



### **Special features**

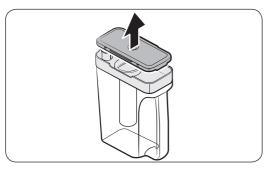
#### Water pitcher (Autofill Pitcher) (applicable models only)

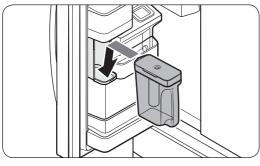
The Autofill Pitcher function lets you enjoy cold brewed tea in your refrigerator.



- **01** Lid
- **02** Sealed mouth
- **03** Infuser
- **04** Body

#### To fill the Water pitcher





- **1.** Grasp a handle groove of the **sealed** mouth, and then pull up to open the lid.
- **2.** Put tea leaves or fruit to your taste into the infuser.

### NOTE

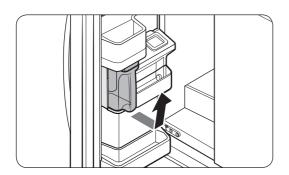
If you want to keep the infused water in its initial concentration, turn the Autofill Pitcher function off.

- 3. Enable the Autofill Pitcher function on the main panel. Open the left door of the fridge door, and then mount the water pitcher onto the holder. Push it straight in as shown in the illustration on the left.
- **4.** Close the door. The water pitcher will start to fill with chilled water a short time later.

## **A** CAUTION

Make sure the water pitcher fits in the water pitcher holder.

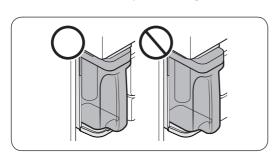




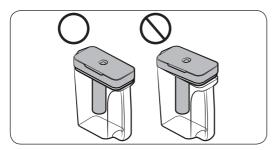
**5.** To drink tea, open the door and detach the water pitcher. Pull it straight out.

## **A** 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.

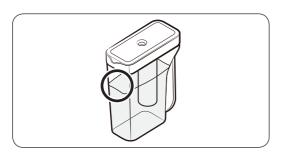


• To prevent the water pitcher from spilling over or leaking, make sure the sealed mouth is properly inserted.



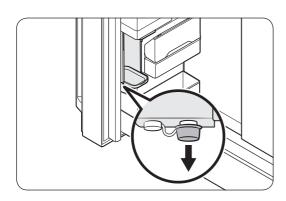








- If the front side (specifically marked area) of the water pitcher has too much moisture, the water pitcher may not fully fill. Remove the moisture, and then try again.
- Autofill Pitcher function will stop supplying water to the water pitcher if the water pitcher does not fill after a certain amount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



### (E) NOTE

- Wipe around the infuser holder if the infuser overflows or leaks.
- Water drops off if the rubber cap is opened.
- The Autofill Pitcher indicator blinks if there is a leak. In case of a leak, open the rubber cap so that the leaked water drains. The indicator will then turn off. However, if the indicator continues to blink, there might be a system failure. Contact your local Samsung service center.
- The Autofill Pitcher indicators blink if there is a leak. See page for more information.





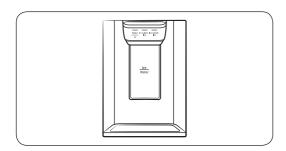


#### Water/Ice dispenser

Using the dispenser, you can dispense water with or without ice.

The water dispenser offers 3 options: chilled water, cubed ice, and crushed ice. To dispense chilled water, press **Water** on the dispenser panel. Put a water glass under the dispenser, and then push the dispenser lever.

#### To dispense water with ice



- With the Ice Maker enabled, press Cubed Ice or Crushed Ice to select the ice type.
- **2.** Put a water glass under the dispenser, and then push the **dispenser lever** with the glass. Ice will be dispensed from the dispenser.
- 3. Press Water to select water.
- **4.** Push the **dispenser lever** with the glass. Water will be dispensed from the dispenser.

### ■ 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.







#### Ice maker

The refrigerator has a built-in ice maker that automatically dispenses ice so that you can enjoy filtered water with cubed or crushed ice.

#### Ice making

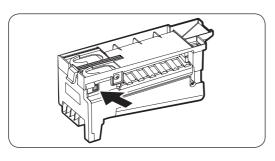
After you have installed your refrigerator and plugged it in, follow these instructions to ensure proper ice making and to keep the ice bucket full of ice:

- **1.** Let the refrigerator operate for at least 24 hours to ensure optimal performance.
- 2. Dispense the first 4 to 6 ice cubes into a glass.
- 3. Wait another 8 hours and dispense another 4 to 6 ice cubes.
- **4.** Then, wait another 16 hours and dispense the first glass-full of ice.

### (E) NOTE

- If you consume all the ice at once, you must wait 8 hours before dispensing the first 4 to 6 cubes. This ensures that the ice bucket is filled with ice properly.
- Ice cubes generated rapidly may look white, which is normal.

#### Diagnosis



If ice does not dispense, first check the ice maker.

- **1.** Press **Test** on the side of the ice maker. You will hear a chime (ding-dong) when you press the button.
- 2. You will hear another chime if the ice maker is operating properly.

#### 

- If the ice making chime rings repeatedly, contact your waterline installer or a local Samsung service center.
- Do not press **Test** repeatedly after the ice tray is filled with ice or water. Water may overflow or ice may jam.
- Do not put food in the ice bucket. The frozen food may damage the ice maker, especially when you open or close the door.
- When the refrigerator recovers power after a power failure, the ice bucket may contain a mix of melted and jammed ice cubes, which can prevent the ice maker from working properly. To prevent this, make sure to empty the ice bucket so the ice bucket can refill with fresh, loose ice cubes.
- Do not put fingers or any objects into the dispenser outlet or the ice maker. This can cause physical injury or property damage.







 When reinserting the ice maker tray, make sure that the tray is properly centered at the entrance. Otherwise, the tray can get stuck.

#### If You Turn the Ice Maker Off

If you press and hold Ice Maker for more than 3 seconds to turn the ice maker off, make sure to remove all ice cubes from the ice bucket. Remaining ice cubes may clump together, making it difficult to remove them.

To remove the ice bucket, see the Ice bucket (applicable models only) section on page 70.

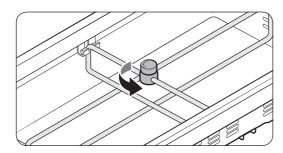


 Removal of the ice bucket does not affect the thermal and mechanical performance of the refrigerator.

#### 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.

#### Cool Select+ (FlexZone) divider



You can change the divider position. To do this, unlock the divider by turning the divider dial counter clockwise. Then, move the width and height bars as appropriate. When done, turn the dial clockwise to lock the divider.



If the divider lock does not function, wipe the bars to remove moisture on them.





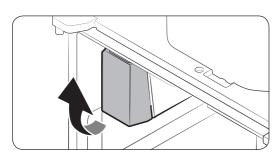


## **Maintenance**

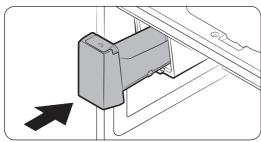
#### Handling and care

#### Ice bucket (applicable models only)

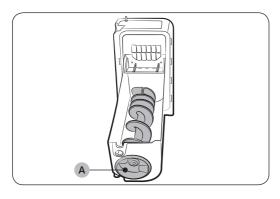
If you do not dispense ice for an extended period, ice may form clumps inside the bucket. If this happens, remove and empty the ice bucket.



- 1. To remove the ice bucket, gently lift it up, and then pull it out slowly while holding the bottom of the bucket with one hand and the side with the other hand.
- **2.** Empty the bucket.



**3.** When done, put the bucket back into position. If the bucket does not fit in, turn the helix screw 90 degrees, and then try again.



If the ice bucket is not firmly inserted, turn the **Helix (A)** 90 degrees, and then try again.

#### **A** CAUTION

- Do not apply excessive force to the bucket cover. The cover may break.
- Do not forcefully close the door. Water may spill over the ice maker.
- 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.
- Do not put your hand or an object into the ice chute. This may cause physical injury or product damage.







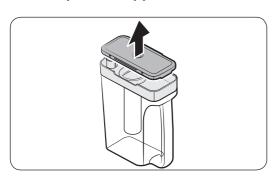


• Use only the provided ice bucket. Third-party ice buckets may cause a system failure.

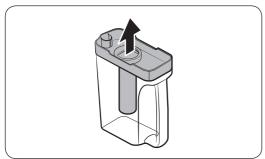
### (E) NOTE

- The water pressure required for ice making is between 20 psi and 125 psi (138 and 862 kPa).
- Noise from the the ice maker as it produces ice during the ice making process is normal.
- While the door is open, neither the ice maker nor the water dispenser operates.

#### Autofill pitcher (applicable models only)



**1.** Grasp a handle groove of the **sealed** mouth, and then pull up to remove.



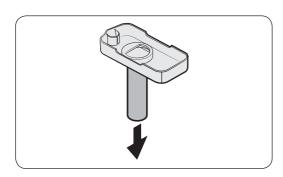
**2.** Grasp both sides of the **sealed mouth**, and then lift to remove.







## Maintenance



- **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.

#### **A** CAUTION

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



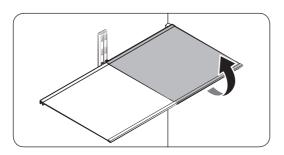


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## Fridge shelves

The appearance of the shelves differs by model.

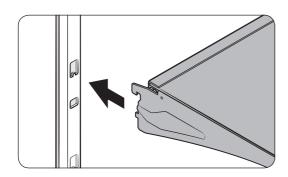


• To remove a shelf, fully open the corresponding door. Hold the front of the shelf, and then gently lift up and slide out.



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.
- You must insert the right-side shelf first, and then insert the left-side shelf. If you do not follow this order, locking mechanisms on the shelve cannot properly locked.

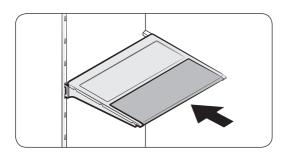






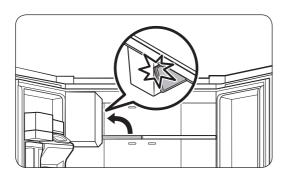
## Maintenance

## Slide in shelf



You may slide-in the front half of the slidein shelf to store more tall items. Gently pull the front half of the shelf in order to use it as a whole shelf again.

## Recommended slide in shelf location



The slide-in shelf gives you more room in the fridge for tall items.

• To fold, push the front area of the shelf upward.

## **A** CAUTION

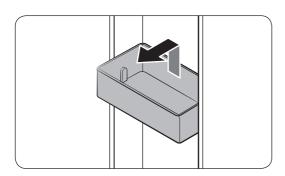
Do not lift up quickly or twist the slide in shelf to take out food under it. It may fall off.

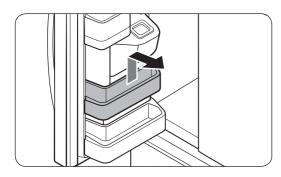






## **Door bins**





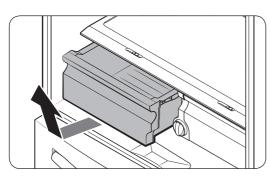
- To remove the top door bin, hold the front sides of the bin, and then gently lift up to remove.
- To reinsert, insert the door bin slightly above its final location making sure that the back of the bin is against the door. Hold the rear of the door bin with both hands, and then press down so that it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

Vegetable / fruit drawers



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.

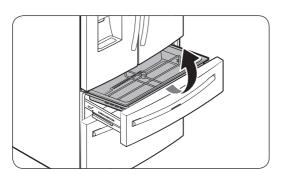






## **Maintenance**

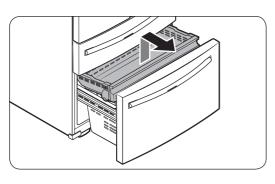
## Cool Select+ (FlexZone) basket



- To remove, fully open the Cool Select+ (FlexZone) drawer. Lift up the Cool Select+ (FlexZone) basket, and then pull out with both hands.
- To reinsert, fully open the Cool Select+ (FlexZone) drawer. While tilting up the front of the basket, insert the rear of the basket into the rail assembly. Lower the front until the basket is in place.
- If the divider lock does not function, wipe the bars to remove moisture on them.

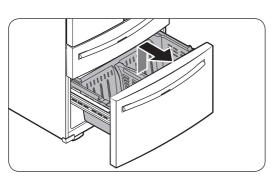
#### Freezer baskets

### Upper basket



- To remove, fully slide open the freezer drawer. Push the upper basket to the end, and then pull up to remove.
- To reinsert, align the front wheels of the upper basket with the end of the lower basket. Slide the upper basket to the front.

#### Lower basket



- To remove, first remove the upper basket. Then, tilt up the front of the lower basket to pull out.
- To reinsert, put the basket onto the rail assembly rear side first.



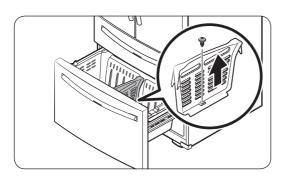




## **CAUTION**

- Do not twist the basket when removing or reinserting the basket. The basket can be scratched
- To prevent physical injury, property damage, or suffocation, keep children away from freezer baskets that have been removed.
- Do not remove the divider.
- Put the wheels of the upper basket on the end of the rails of the lower basket. Then, slide the upper basket all the way to the front. Otherwise, the drawer will not open or close properly, which will cause frost to build up.

## Freezer basket divider



Loosen and remove the screw from the lower side of the divider. Then, pull straight up to remove the divider.







## **Maintenance**

## Cleaning

#### Interior and exterior

## **MARNING**

- 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.

## Ice / Water dispenser

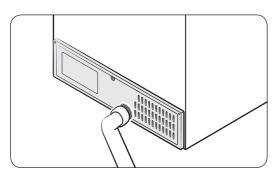
## **!** CAUTION

When crushed ice is selected, some residual ice chips may collect in the ice chute. To prevent this, remove the residual ice from the chute using a soft, clean cloth.

#### **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.







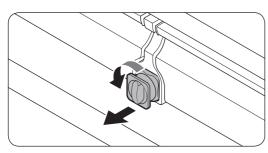
## Replacement

#### Water filter

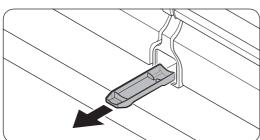
## **MARNING**

- 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 Filter Reset indicator (**Filter**) turns red 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.** Turn the knob of the filter cartridge counter clockwise 90 degrees (1/4 turn). The filter cartridge unlocks.



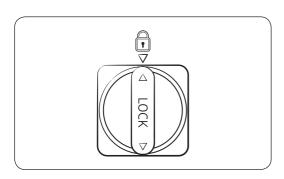
- **3.** Pull out to remove the cartridge.
  - If the water filter is severely contaminated, the cartridge may not be easy to remove. If that is the case, use force to remove the cartridge.
  - To prevent water leaks from the filter opening, pull the cartridge straight out while removing it.
- **4.** Insert a new filter cartridge. Use only Samsung-provided or approved filters.







## **Maintenance**



- **5.** Turn the cartridge knob clockwise to lock into place.
- **6.** Press and hold **Filter Reset** on the main panel for 3 seconds to reset the life cycle detector. The Filter Reset indicator (**Filter**) turns off.
- 7. When you are done replacing the filter, open the water valve and run water through the dispenser for about 7 minutes. This is to remove impurities and air from the water line.

## 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 35 psi and 120 psi (241 kPa and 827 kPa).

The water pressure of the reverse osmosis water filtration system to the refrigerator's cold water line must be at least 40 psi (276 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 or visit www. samsungparts.com on the web.

#### **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.







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
Fridge/freezer does not operate. Fridge/freezer temperature is warm.	Power cord is not plugged in properly.	Properly plug in the power cord.
	Temperature control is not set correctly.	Set the temperature lower.
	<ul> <li>Refrigerator is located near a heat source or direct sunlight.</li> </ul>	Keep the refrigerator away from direct sunlight or a heat source.
	Not enough clearance between refrigerator and nearby walls or cabinets.	Make sure there is a gap of at least 2.5 inches (5 cm) between the refrigerator back and sides and any nearby walls or cabinets.
	The refrigerator is overloaded. Food is blocking the refrigerator vents.	Do not overload the refrigerator. Do not allow food to block ventilation.
Fridge/freezer is over-cooling.	• Temperature control is not set correctly.	Set the temperature higher.
Interior wall is hot.	Refrigerator has heat-proof piping in the interior wall.	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.







English 81



## Odors

Symptom	Possible causes	Solution
Refrigerator has odors.	Spoiled food.	Clean the refrigerator and remove any spoiled food.
	Food with strong odors.	Make sure strong smelling food is wrapped airtight.

## **Frost**

Symptom	Possible causes	Solution
Frost around the vents.	Food is blocking the vents.	Make sure no food blocks the refrigerator vents.
Frost on interior walls.	Door is not closed properly.	Make sure food does not block the door. Clean the door gasket.
Fruits or vegetables are frozen.	Fruits or vegetables are stored in the Pantry and the temperature was set too low.	Set the temperature of the Pantry to a temperature appropriate for fruits or vegetables.

## Condensation

Symptom	Possible causes	Solution
Condensation forms on the interior walls.	If door is left open, moisture enters the refrigerator.	Remove the moisture and do not leave a door open for extended periods of time.
	<ul> <li>Food with high moisture content.</li> </ul>	Make sure food is wrapped airtight.







English 83



## Water/ice (dispenser models only)

Symptom	Possible causes	Solution
Water flow is weaker than normal.	Water pressure is too low.	Make sure the water pressure is between 20 to 120 psi (138 to 827 kPa).
Ice maker makes a buzzing sound.	<ul> <li>The ice maker function is activated, but the water supply to the refrigerator has not been connected.</li> </ul>	Press Ice Maker off .
Ice maker does not make ice.	<ul> <li>Ice maker has just been installed.</li> </ul>	You must wait 12 hours for the refrigerator to make ice.
	Freezer temperature is too low.	Set the freezer temperature below -18 °C or -20 °C in warm, ambient air.
	• Dispenser Lock is activated.	Deactivate Dispenser Lock.
	• Ice maker is off.	Turn on the ice maker.
Ice does not dispense.	Ice may jam if the ice dispenser is not used for a long time (approx. 3 weeks).	If you won't be using the refrigerator for a long time, empty the ice bucket and turn off the ice maker.
	Ice bucket is not properly inserted.	Make sure the ice bucket is properly inserted.
	Water line is not connected properly or water supply is not on.	Check if the water line is installed correctly. Check if the water line stop cock is closed.







84 English -



# **Troubleshooting**

Symptom	Possible causes	Solution
	Water line is not connected properly or water supply is not on.	Check the water installation conditions.
Water does not	• Dispenser Lock is activated.	Deactivate Dispenser Lock.
dispense.	A third-party water filter was installed.	<ul> <li>Use only Samsung-provided or approved filters.</li> <li>Unapproved filters may leak and damage the refrigerator.</li> </ul>
	Water filter indicator turns on or blinks.	Replace the water filter.  After replacing, reset the filter indicator sensor.





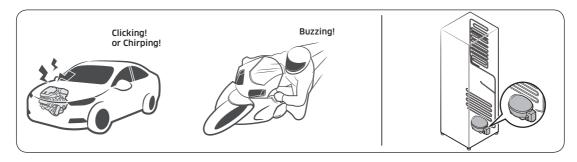


## Do you hear abnormal sounds from the refrigerator?

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.

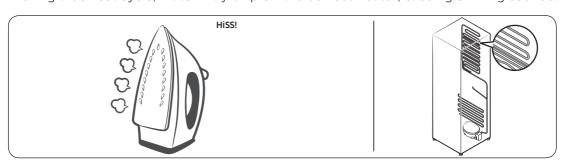
• When starting or ending an operation, the refrigerator may make sounds similar to a car engine igniting. As the operation stabilizes, the sounds will decrease.



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.

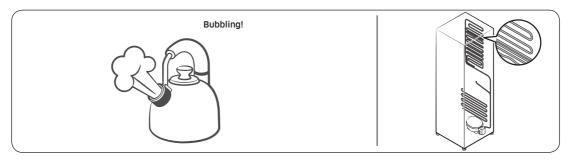




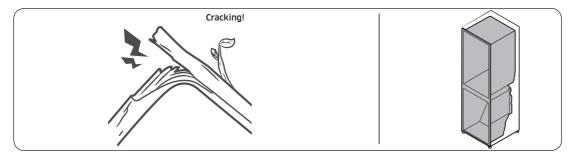




• As the refrigerator cools or freezes, refrigerant gas moves through sealed pipes, causing bubbling sounds.



 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.







## SmartThings

Symptom	Action
Could not find "SmartThings" in the app market.	<ul> <li>The SmartThings app is not available for some tablet and iPad and some smartphone.</li> <li>support that [Android] OS 6.0 or higher(mimimum 2GB RAM Size)</li> <li>support that [iOS]10.0 or higher/iPhone6 or higher.</li> </ul>
The SmartThings app fails to operate.	<ul> <li>The SmartThings app is available for applicable models only.</li> <li>The old Samsung Smart Refrigerator app cannot connect with Samsung Smart Home models.</li> </ul>
The SmartThings app is installed but is not connected to my refrigerator.	<ul> <li>You must log into your Samsung account to use the app.</li> <li>Make sure that your router is operating normally.</li> <li>If you have not connected your refrigerator to the SmartThings App after the app was installed, you must make the connection using the device registration function of the app.</li> </ul>
Could not log into the app.	<ul> <li>You must log into your Samsung account to use the app.</li> <li>If you don't have a Samsung account, follow the app's onscreen instructions to create one.</li> </ul>
An error message appears when I try to register my refrigerator.	Easy Connection may fail due to the distance from your access point (AP) or electrical interference from the surrounding environment. Wait a moment and try again.
The SmartThings app is successfully connected to my refrigerator but does not run.	<ul> <li>Exit and restart the SmartThings app or disconnect and reconnect the router.</li> <li>Unplug the power cord of the refrigerator, and then plug it in again after 1 minute.</li> </ul>









## Samsung Family Hub

Symptom	Action	
Could not find "Samsung Family Hub" in the app market.	<ul> <li>The Samsung Family Hub app is not available for some tablet and iPad and some smartphone.</li> <li>support that [Android] OS 6.0 or higher(mimimum 2GB RAM Size)</li> <li>support that [iOS] 10.0 or higher/iPhone6 or higher.</li> </ul>	
Could not log into the app.	<ul> <li>You must log into your Samsung account to use the app.</li> <li>If you don't have a Samsung account, follow the app's onscreen instructions to create one.</li> </ul>	







English 89



## LCD

Symptom	Action	
Cannot connect to my TV.	<ul> <li>This refrigerator can connect only with Samsung Smart         TV Launched in 2015~17: J/K/MU6400 series or above.         Launched in 2018: NU7400 series or above, Launched in         2019: Q60R series or above. Please check the model name         of your TV first.</li> <li>Network connections may suffer temporary interruptions.         Turn your TV off, and then try again.</li> </ul>	
The inner view picture looks bulged out or incomplete.	<ul> <li>The edges of the inner view may look bulged out. The bulging is caused by the convex lens of the camera.</li> <li>The inner view may be incomplete due to the blind spots on the left and right corners or screened depending on the layout of food items. Make sure to place food items in the front center.</li> </ul>	
The displayed measurement on the Fridge Manager is not correct.	The displayed conditions may differ from the actual temperature and humidity.	









# Memo







# Memo







## **SAMSUNG**

## 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)	www.samsung.com/au/support
	1300 425 299 (HHP)	www.samsung.com/au/support
NEW ZEALAND	0800 726 786 (All Product)	
	0800 6 726 786 (Support for Smart	www.samsung.com/nz/support
	Mobile Devices)	







