

Refrigerator

User manual

RS62**5*****/RS64**5*****/RS65**5*****/RS6E**5*****/RS6F**5*****

Free Standing Appliance

- In order to save valuable resources, we are reducing paper manuals and providing electronic user manuals that you can check on your smartphone or a website.
- For the instructions of how to use the product, please refer to the user manuals provided as QR code or the Samsung Electronics' website (<http://www.samsung.com/sec/>).
- For more information about the following things, visit the Samsung website (<http://www.samsung.com>), go to the Support section, and then search your model name.
 - How to minimize the energy consumption, additional tips for proper usage, operations, maintenance, refrigerator type, specifications (dimensions).

Viewing the user manuals

1. Launch a QR code reader app and then scan the QR image attached to the product.
2. Select a menu from the product registration, viewing the manuals, or connecting a service. When you select a manual, you can view the manual of your purchased product.

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Safety information

- 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 appliance. 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.
- To avoid contamination of food, please respect the following instructions:
 - Opening the door for long periods can cause a significant increase of the temperature in the compartments of the appliance.
 - Clean regularly surfaces that can come in contact with food and accessible drainage systems.
 - Clean water tanks if they have not been used for 48 h; flush the water system connected to a water supply if water has not been drawn for 5 days.
 - Store raw meat and fish in suitable containers in the refrigerator, so that it is not in contact with or drip onto other food.
 - Two-star frozen-food compartments are suitable for storing pre-frozen food, storing or making icecream and making ice cubes.
 - One-, two- and three-star compartments are not suitable for the freezing of fresh food.
 - If the refrigerating appliance is left empty for long periods, switch off, defrost, clean, dry, and leave the door open to prevent mould developing within the appliance.

IMPORTANT SAFETY PRECAUTIONS



WARNING; Risk of fire / flammable materials

WARNING

- 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.
- Fill with potable water only.
- Connect to potable water supply only.

WARNING

- Keep ventilation openings, in the appliance enclosure or in the built-in structure, clear of obstruction.

WARNING

- Do not use mechanical devices or any other means to accelerate the defrosting process, other than those recommended by the manufacturer.

WARNING

- Do not damage the refrigerant circuit.

WARNING

- Do not use electrical appliances inside the food storage compartments of the appliance, unless they are of the type recommended by the manufacturer.
- This appliance is not intended for use by persons (including children) with reduced physical, sensory, or mental capabilities, or those who lack experience and knowledge, unless they have been given supervision or instruction concerning the use of the appliance by a person responsible for their safety.

- This appliance can be used by children aged from 8 years and above and persons with reduced physical, sensory or mental capabilities or lack of experience and knowledge if they have been given supervision or instruction concerning use of the appliance in a safe way and understand the hazards involved. Children shall not play with the appliance. Cleaning and user maintenance shall not be made by children without supervision. Children aged from 3 to 8 years are allowed to load and unload refrigerating appliances.
- If the supply cord is damaged, it must be replaced by the manufacturer, its service agent or similarly qualified persons in order to avoid a hazard.
- The socket must be easily accessible so that the appliance can be quickly disconnected from the supply in an emergency.
 - It must be outside the area of the rear of the appliance.
- Do not store explosive substances such as aerosol cans with a flammable propellant in this appliance.
- If the product is equipped with LED lamps, do not disassemble the Lamp Covers and LED lamps yourself.
 - Contact a Samsung service center.
 - Use only the LED Lamps provided by the manufacturer or its service agents.
- New hose-sets supplied with the appliance are to be used and old hose-sets should not be reused.
- Have the refrigerator's water supply connected only to a potable water supply. To operate the ice maker properly, water pressure of 206-861 kPa (30-125 psi) is required.
- For the most efficient use of energy, please keep the all inner fittings such as baskets, drawers, shelves on the position supplied by manufacturer.
- To get the best energy efficiency of this product, please leave all shelves, drawers and baskets on their original position.

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.

WARNING

- 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.
- 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.
- 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.
- 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.
- The temperature of two star section (sections) or compartment (compartments) which have two star symbol (☆☆) is slightly higher than other freezer compartment (compartments).

The two star section (sections) or compartment (compartments) is (are) based on the instruction and/or the condition as delivered.

- Note that temperature rise after defrosting has a permissible range in the appliance specifications. If you wish to minimise the impact on the food storage due to a temperature rise, seal or wrap the stored food in several layers.
- Food may freeze or spoil if stored at the wrong temperature. Set the refrigerator to the correct temperature for the food being stored.
- Cool hot food before storing. If too much hot food is placed inside, the internal temperature of the appliance can increase and negatively affect other foods stored in the appliance.
- If you set an excessively low temperature for food, it may become frozen. Do not set a temperature lower than the required temperature for the food to be stored correctly.

Safety Guide

READING ALL INSTRUCTIONS BEFORE USE

The following safety guidelines are intended to prevent unforeseen risks or damage from unsafe or incorrect operation of the appliance.

The guidelines are separated into 'WARNING' and 'CAUTION' as described below.

Safety Messages

This symbol is displayed to indicate matters and operations that can cause risk. Read the part with this symbol carefully and follow the instructions in order to avoid risk.

WARNING

This indicates that the failure to follow the instructions can cause serious injury or death.

CAUTION

This indicates that the failure to follow the instructions can cause the minor injury or damage to the product.

WARNING

To reduce the risk of explosion, fire, death, electric shock, injury or scalding to persons when using this product, follow basic precautions, including the following:

Installation

- This appliance should only be transported by two or more people holding the appliance securely.
- Install the appliance on a firm and level floor.
- Do not install the appliance in a damp and dusty place. Do not install or store the appliance in any outdoor area, or any area that is subject to weathering conditions such as direct sunlight, wind, rain, or temperatures below freezing.
- Do not place the appliance in direct sunlight or expose it to the heat from heating appliances such as stoves or heaters.
- Be careful not to expose the rear of the appliance when installing.
- Install the appliance in a place where it is easy to unplug the power plug of the appliance.
- Be careful not to let the appliance door fall during assembly or disassembly.
- Be careful not to pinch, crush, or damage the power cable during assembly or disassembly of the appliance door.
- Be careful not to point the power plug up or let the appliance lean against the power plug.
- Do not connect a plug adapter or other accessories to the power plug.
- Do not modify or extend the power cable.
- Ensure that the outlet socket is properly grounded, and that the earth pin on the power cord is not damaged or removed from the power plug. For more details on grounding, inquire at the Samsung Electronics service center.
- This appliance is equipped with a power cord having an equipment-grounding conductor and a grounding power plug. The power plug must be plugged into an appropriate outlet socket that is installed and grounded in accordance with all local codes and ordinances.

- Never start up an appliance showing any signs of damage. If in doubt, consult your dealer.
- Do not plug the appliance into a multi socket adapter which does not have a power cable (mounted).
- The appliance should be connected to a dedicated power line which is separately fused.
- Do not use a multi socket outlet which is not properly grounded (portable). In case of using a properly-grounded multi socket outlet (portable), use the multi socket outlet with the current capacity of the power cord rating or higher and use the multi socket outlet only for the appliance.
- Dispose of all packaging materials (such as plastic bags and styrofoam) away from children. The packaging materials can cause suffocation.

Operation

- Be careful of nearby children when you open or close the appliance door, The door may bump the child and cause injury.
- Avoid the danger of children getting trapped inside the appliance. A child trapped inside the appliance can cause suffocation.

⚠ CAUTION

To reduce the risk of minor injury to persons, malfunction, or damage to the product or property when using this product, follow basic precaution, including the following:

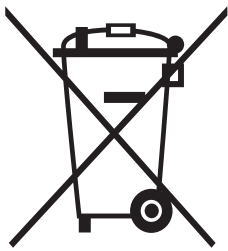
Operation

- Do not touch frozen food or the metal parts in the freezer compartment with wet or damp hands. It may cause frostbite.
- Do not place glass containers, bottles or cans (especially those containing carbonated drinks) in the freezer compartment, shelves or ice bin that will be exposed to temperatures below freezing,
- The tempered glass on the front side of the appliance door or the shelves can be damaged by an impact. If it is broken. Do not touch it with hands.
- Do not hang from the appliance doors, storage room, shelf or climb up into it.
- Do not store an excessive amount of water bottles or containers for side dishes on the door baskets.
- Do not open or close the appliance door with excessive force.
- If the hinge of the appliance door is damaged or operates improperly, stop using the appliance and contact an authorized service centre.
- Prevent animals from nibbling on the power cable or water hose.
- Never eat frozen foods immediately after they have been taken out in the freezer compartment.
- Make sure not to get a hand or foot stuck upon opening or closing the appliance door or door in door.

Maintenance

- Do not clean glass shelves or covers with warm water when they are cold. They may shatter if exposed to sudden temperature changes.
- Do not insert the shelves upside down. The shelves may fall.
- To remove frost from the appliance, contact the Samsung Electronics service center.
- Dispose of the ice inside the ice bin in the freezer compartment during an extended power outage.

Instructions about the WEEE



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

(Applicable in countries with separate collection systems)

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

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

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

For information on Samsung's environmental commitments and product regulatory obligations, e.g. REACH, WEEE or Batteries, visit our sustainability page available via www.samsung.com

(For products sold in European countries and in the UK only)

Open Source Announcement

(For Wi-Fi models only)

The software included in this product contains open source software.

The following URL http://opensource.samsung.com/opensource/SMART_TP1_0/seq/0 leads to open source license information as related to this product.



Installation

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

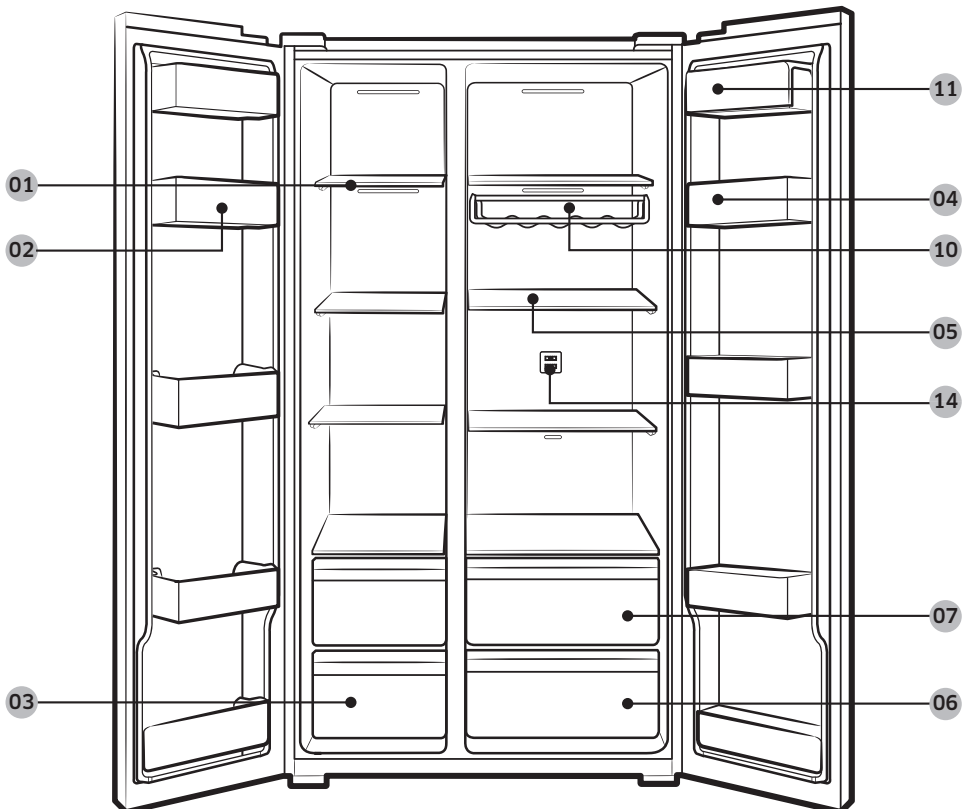
WARNING

- 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 cord before servicing or replacements.

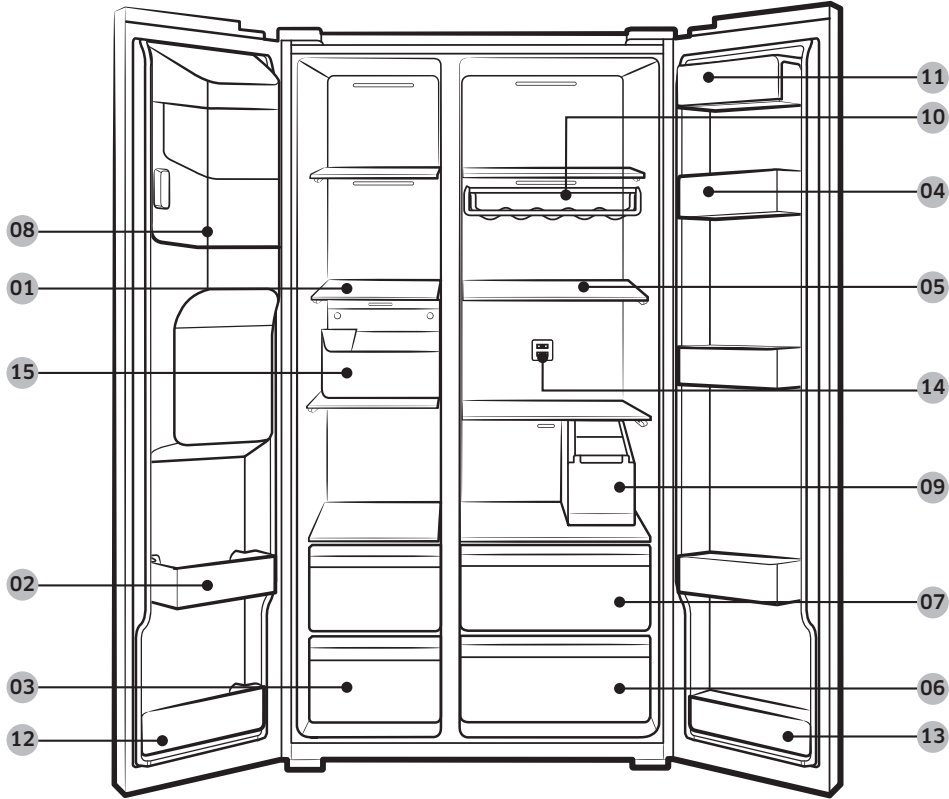
Refrigerator at a glance

The actual appearance of your refrigerator may differ, depending on the model and the country.

Normal models



Dispenser-featured models



- | | | |
|------------------------------------|------------------------------------|--|
| 01 Freezer shelves | 02 Multipurpose freezer bin | 03 Dried food and meat storage drawer |
| 04 Refrigerator bin | 05 Refrigerator shelves | 06 Vegetable drawer |
| 07 Multipurpose drawer | 08 Ice maker bucket ** | 09 Water tank * |
| 10 Wine rack * | 11 Dairy bin | 12 Lower freezer bin * |
| 13 Lower refrigerator bin * | 14 Deodorizer filter * | 15 Freezer bin * |

* Applicable models only

** Dispenser models only

NOTE

- The design of the egg container may differ with the model.

CAUTION

For all models, do not change the position of the freezer shelves. Freezer shelves have different lengths, and if you change the position, you may damage the product when closing the door.

Step-by-step installation

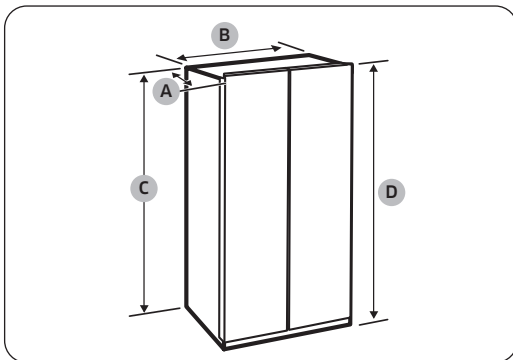
STEP 1 Select a site

Site requirements:

- Solid, level surface without carpeting or flooring that may obstruct ventilation
- Away from direct sunlight
- Adequate room for opening and closing the door
- Away from a heat source
- Room for maintenance and servicing
- Temperature range: between 5 °C and 43 °C

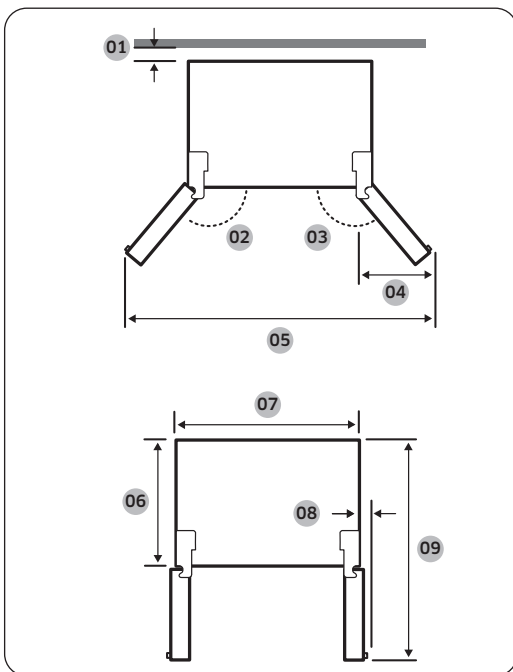
Clearance

See the pictures and table below for space requirements for installation.



Depth "A"	716
Width "B"	912
Height "C"	1744
Overall Height "D"	1780

(unit: mm)



01 more than 50 mm recommended

02 165°

03 165°

04 564 mm

05 1726 mm

06 610 mm

07 908 mm

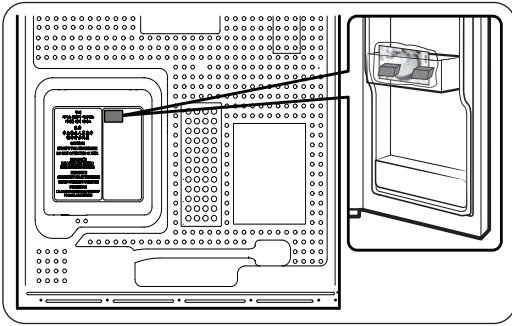
08 29 mm

09 1165 mm

NOTE

The measurements in the above table may differ, depending on the measuring method.

STEP 2 Spacing (applicable models only)



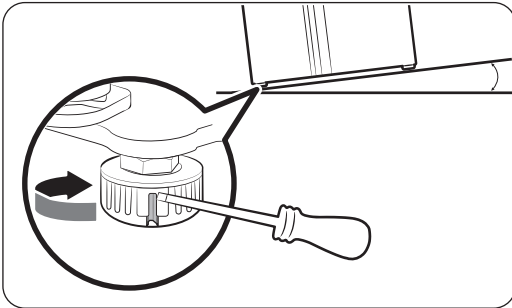
1. Open the door and locate the provided spacer.
2. Unpack the spacer and attach it to the rear of the refrigerator as shown. It helps ventilate air to the rear wall and save power consumption.

STEP 3 Adjust the levelling feet

⚠ CAUTION

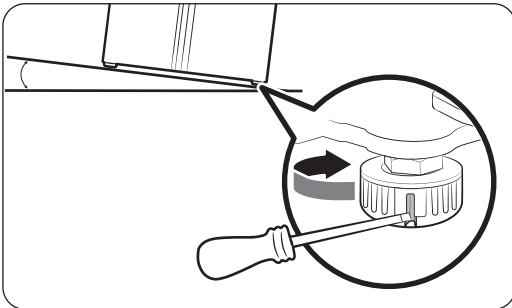
- The refrigerator must be levelled on a flat, solid floor. Failing to do so can cause damage to the refrigerator or physical injury.
- Levelling must be performed with an empty refrigerator. Make sure no food items remain inside the refrigerator.
- For safety reasons, adjust the front side a little higher than the rear side.

The refrigerator can be levelled using the front legs that have a special screw (leveller) for levelling purposes. Use a flat-head screwdriver for levelling.



To adjust the height of the freezer side:

Insert a flat-head screwdriver into the leveller of the freezer-side front leg. Turn the leveller clockwise to raise, or turn it counter clockwise to lower.

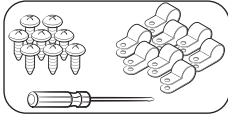


To adjust the height of the fridge side:

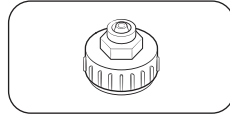
Insert a flat-head screwdriver into the leveller of the fridge-side front leg. Turn the leveller clockwise to raise, or turn it counter clockwise to lower.

STEP 4 Connect the water dispenser line (applicable models only)

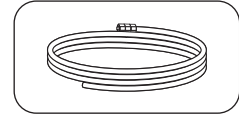
Parts and tools required



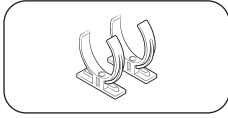
Water line fixer and screws



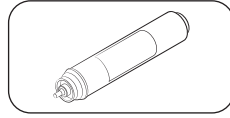
Coupler



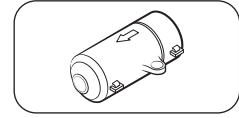
Water line



Water filter lock-clip

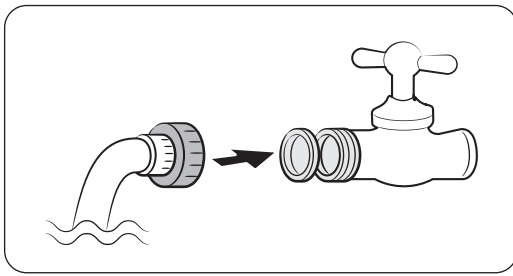


Water filter



Check valve

Installation (external dispenser line)



1. Assemble the water pipe line using couplers.
2. Close the main water supply, and then close the water tap.
3. Connect the coupler to the cold water tap.

⚠ CAUTION

- Make sure you connect the coupler to the cold water tap. Connection to the hot water tap may cause the water filter to be clogged and fail to operate normally.
- 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.
- The water line must be repaired by a qualified professional. If you encounter a water leak, contact a local Samsung service centre or the installer of the water line.

STEP 5 Connect to a water source (applicable models only)

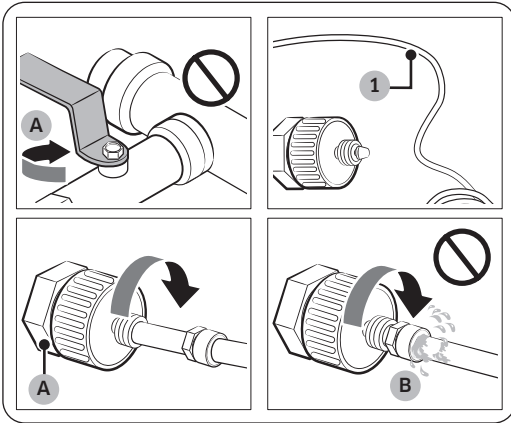
⚠ CAUTION

- 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

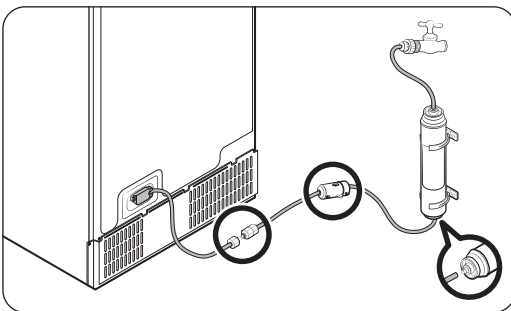
⚠ CAUTION

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



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

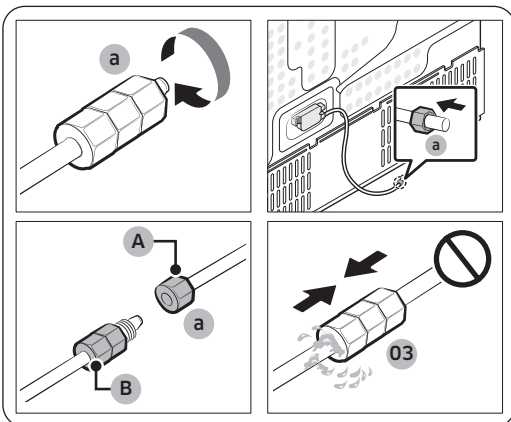
1. Shut off the water supply by closing the main water valve.
2. Locate the cold, potable **water pipe (1)**.
3. Follow the Water Line Installation to connect to the water pipe.



📖 NOTE

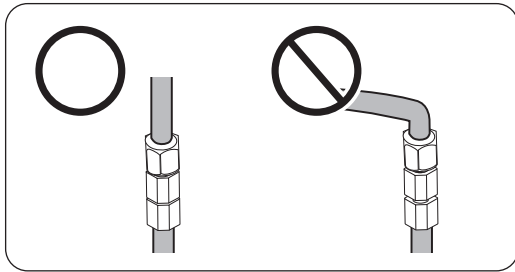
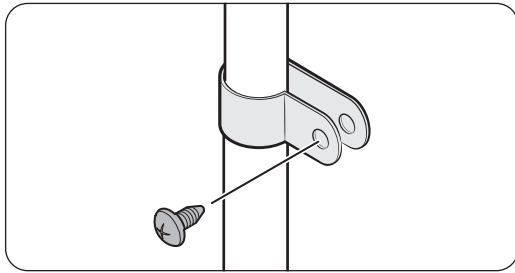
New hose-sets supplied with the appliance are to be used and old hose-sets should not be reused.

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 10 litres of water or dispense the water for 6 - 7 minutes before actually using the refrigerator to remove impurities inside the water filtering system.



5. Secure the water line to a sink or a wall using a clip.

⚠ CAUTION

- Do not tighten the water line excessively. Make sure the water line is not bent, pinched, or squashed.
- Do not mount the water line on any part of the refrigerator. This may damage the refrigerator.

📖 NOTE

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

To repair the water line

⚠ CAUTION

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

Reverse osmosis water filtration system

The water pressure of the water supply system to a reverse osmosis water filtration system must be between 206 kPa (30 psi) and 861 kPa (125 psi).

The water pressure of the reverse osmosis water filtration system to the refrigerator's cold water line must be at least 206 kPa (30 psi). If the water pressure is below the specified:

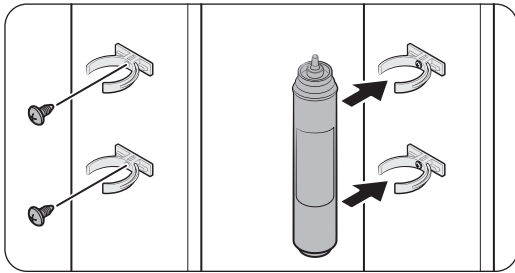
- Check if the sediment filter in the reverse osmosis system is blocked. Replace the filter if necessary.
- Refill the water tank in the reverse osmosis system with water.
- If your refrigerator has a water filter, it may further reduce the water pressure when used in conjunction with a reverse osmosis 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 (part type: **HAFEX/EXP**), contact a local Samsung service centre.

To mount the water filter into place



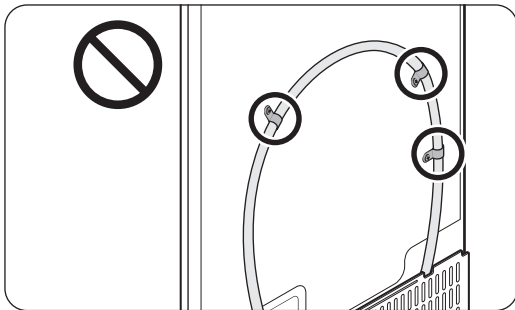
1. Attach the **lock clips** (x2) to appropriate positions under the sink, for instance. Then, fix the **lock clips** firmly using screws.
2. Insert the **water filter** into the upper and lower clips in the correct direction. Make sure to check the vertical direction of the **water filter**.

 **NOTE**

If the filter is installed horizontally, water may remain in the filter. Therefore, vertical installation is recommended.

 **CAUTION**

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



STEP 6 Initial settings

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

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, and wait for about an hour. Then, the freezer will be slightly chilled, and the motor will run smoothly.
4. Wait until the refrigerator reaches the set temperature. Now the refrigerator is ready for use.

STEP 7 Final check

When installation is complete, confirm that:

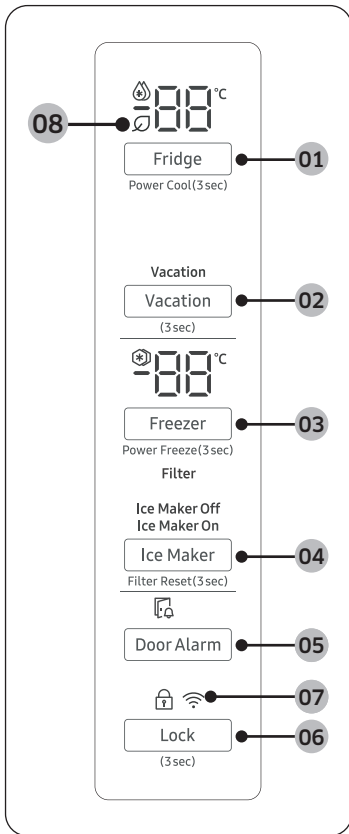
- The refrigerator is plugged into an electrical outlet and grounded properly.
- The refrigerator is installed on a flat, level surface with a reasonable clearance from the wall or the cabinet.
- The refrigerator is level and is sitting firmly on the floor.
- The door opens and closes freely, and the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

Operations

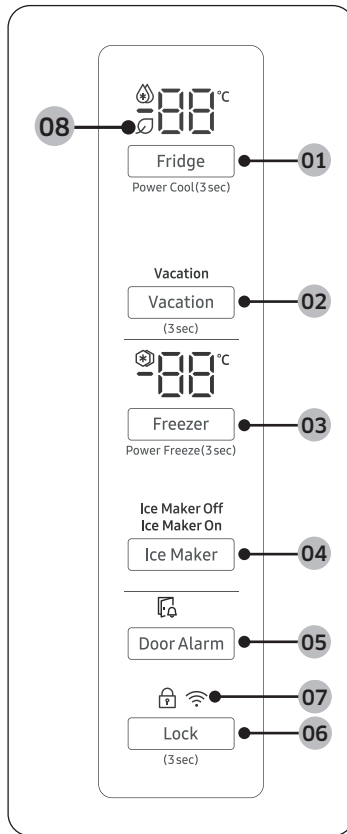
Main panel

The actual appearance of your main panel may differ from the figure and the main panel design is subject to change without notice.

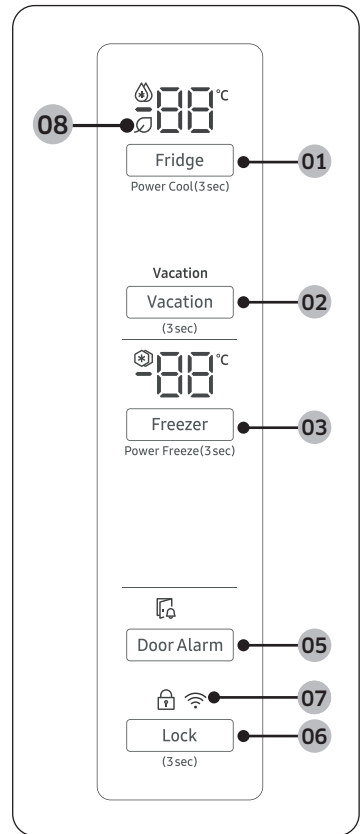
Type A



Type B



Type C



01 Fridge / Power Cool

03 Freezer / Power Freeze

05 Door Alarm

07 Network connection

* Applicable models only


02 Vacation

04 Ice Maker / Filter Reset *


06 Lock

08 AI energy mode *



01 Fridge / Power Cool (3 sec)

Fridge	<p>The Fridge button can be used to set the fridge temperature, or to activate/deactivate Power Cool.</p> <p>You can manually adjust the cooling temperature for the fridge. Keep pressing Fridge to select a desired temperature between 1 °C and 7 °C.</p>
Power Cool	<p>Power Cool speeds up the cooling process at maximum fan speed. This is useful to quickly cool food that spoils quickly, or after the door is left open for some time. The fridge keeps running at full speed for several hours and then returns to the previous temperature.</p> <p>Press and hold Fridge for 3 seconds.</p> <p>The corresponding indicator () lights up, and the refrigerator will speed up the cooling process for you.</p>




02 Vacation (3 sec)

Vacation	<p>If you are going on vacation or a business trip, or if you do not intend to use the fridge for an extended time, use the Vacation mode.</p> <ul style="list-style-type: none"> To activate Vacation mode, press and hold Vacation for 3 seconds. The Vacation On indicator turns on while the display of the fridge temperatures will turn off. The fridge temperature will be controlled under 17 °C. To deactivate Vacation mode, press and hold Vacation again for 3 seconds. The fridge temperature will return to the previous setting. <p> NOTE</p> <ul style="list-style-type: none"> Make sure to remove foods in the fridge compartment before using Vacation mode. The Vacation mode will be disabled if you adjust the temperature.
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03 Freezer / Power Freeze (3 sec)

Freezer	<p>The Freezer button can be used to set the freezer temperature, or to activate Power Freeze. Available temperatures are between -15 °C and -23 °C.</p>
Power Freeze	<p>Power Freeze speeds up the freezing process at maximum fan speed. The freezer keeps running at full speed for 50 hours and then returns to the previous temperature.</p> <ul style="list-style-type: none"> To activate Power Freeze, press and hold Freezer for 3 seconds. The corresponding indicator () lights up, and the refrigerator will speed up the freezing process for you. To deactivate, press and hold Freezer for 3 seconds again. The freezer returns to the previous temperature setting. To freeze large amounts of food, activate Power Freeze for at least 20 hours before putting food in the freezer. <p> NOTE</p> <p>Using Power Freeze increases power consumption. Make sure you turn it off and return to the previous temperature if you do not intend to use it.</p>

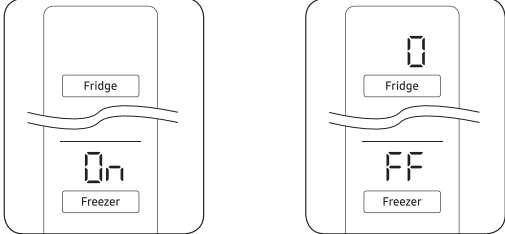
04 Ice Maker / Filter Reset (3 sec)

Ice Maker	<p>Press Ice Maker to turn the ice maker on or off.</p> <p>The ice maker has 2 indicators (Ice Maker On/Ice Maker Off) to indicate the operating status.</p> <ul style="list-style-type: none">• When the ice maker operates, the corresponding indicator (Ice Maker On) turns on.• When the ice maker is turned off, the corresponding indicator (Ice Maker Off) turns on. In this case, ice making is disabled even if you press the Cubed Ice or Crushed Ice buttons on the dispenser panel. To enable ice making, you must turn the ice maker on.• When the ice maker is off, pressing the dispenser lever for more than 5 seconds will automatically turn on the ice maker.• When you turn the ice maker off, you must wait at least 1 minute before you can turn it back on. <p> CAUTION</p> <p>If the ice bucket has been removed, you must turn the ice maker off.</p> <p> NOTE</p> <p>If the ice maker is turned off, it will turn on if you press and hold the ice lever for more than 5 seconds.</p>
Filter Reset	<p>After about 6 months (approximately 300 gallons) of using the original water filter, the Filter indicator turns red to remind you that the filter needs to be replaced. The Filter indicator blinks red for several seconds when you open the door, reminding you that the filter needs to be replaced. If this happens, replace the filter, and press and hold Filter Reset for 3 seconds. The filter indicator will be reset, and the Filter indicator turns off.</p> <p> NOTE</p> <p>Some regional areas have relatively large amounts of lime contained in the water. This may reduce the lifecycle of the filter. In these areas, you will have to replace the water filter more often than specified above.</p>

05 Door Alarm

Door Alarm	<p>You can set the alarm for a reminder. If the door is left open for more than 2 minutes, the alarm will sound with the alarm indicator blinking. The alarm is enabled by factory default. To disable the alarm, press Door Alarm. To enable, press Door Alarm again.</p> <p>If the door is left open for 5 minutes, internal lights (in the fridge and freezer) will blink for 10 seconds and then turn on. This will be repeated every minute for 5 minutes. This is to alert hearing-impaired users that a door is open and it is normal.</p>
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06 Lock (3 sec)/Wi-Fi On or Off (10 sec)

Lock (Main panel)	<p>To prevent accidental setting changes, press and hold Lock for 3 seconds. The main panel will be disabled and the Lock indicator (🔒) will turn on.</p> <p>When Lock is on, the indicator blinks if any button on the main panel is pressed.</p> <p>If you press and hold the button again for more than 3 seconds, Lock will be deactivated.</p> <p>However, Lock will be reactivated if no button is pressed within 1 minute.</p> <p>NOTE</p> <p>Lock on the main panel does not affect the dispenser. The dispenser operates independently and so does the dispenser lever. To lock the dispenser and the dispenser lever, use the Lock function on the dispenser.</p>
Wi-Fi On or Off	<p>To turn the Wi-Fi on or off, press Lock button for 10 seconds. The display shows the status of Wi-Fi for 5 seconds (as shown in the figure).</p> <div data-bbox="450 797 953 1078" style="text-align: center;"><p>WI-Fi On WI-Fi Off</p></div> <p>NOTE</p> <ul style="list-style-type: none">• You must turn on the Wi-Fi to connect the refrigerator to the SmartThings app.• For more information, see the SmartThings (applicable models only) section.

07 Network connection

This icon indicates that the refrigerator is connected to a network. If the Wi-Fi icon flashes, we recommend connecting your refrigerator with the SmartThings app. You can control and monitor your refrigerator on the SmartThings app. For more information, see the **SmartThings** (applicable models only) section.

08 AI energy mode

The 🗑️ icon appears if you turn on the AI energy mode in the SmartThings app.

NOTE

- When the alarm sounds, you can press any button on the Main panel to turn off the alarm.
- Even if the alarm sound is turned off, the alarm will sound again after 12 hours if the cause of the alarm sound is unresolved.

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.

NOTE

- The supporting software version of the SmartThings app is subject to change according to the OS supporting policy the manufacturer provides. In addition, as for the SmartThings app or the functions that the app supports, the new application update policy on the existing OS version can be suspended due to usability or security reasons.
- The SmartThings app is subject to change without notice to improve usability or performance. As the mobile phone OS version is updated every year, the SmartThings is also updated continually according to the latest OS. If you have enquiries regarding the items mentioned above, please contact us at st.service@samsung.com
- Recommended encryption systems include WPA/TKIP and WPA2/AES. Any newer or non-standard 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 (router).

- Samsung Smart Refrigerators support IEEE 802.11 b/g/n (2.4 GHz) protocols. (IEEE 802.11 n is 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, and 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, and 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.

SmartThings 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 then change options or settings if necessary.

NOTE

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

Maintenance

Cleaning

Interior and exterior

⚠ WARNING

- Do not use benzene, thinner, or home/car detergent such as Clorox™ for cleaning purposes. They may damage the surface of the refrigerator and cause a fire.
- Do not spray water onto the refrigerator. This may cause electric shock.
- Do not put fingers or other objects into the dispenser hole.

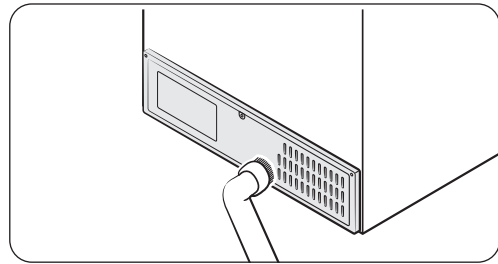
Regularly use a dry cloth to remove all foreign substances such as dust or water from the power plug terminals and contact points.

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.

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.

Lamps

The lamps are not user-serviceable. To replace the lamps of the refrigerator, contact a local Samsung service centre.

Lamp (Light Source)

This product contains a light source of energy efficiency class <G>.

The lamp(s) and/or control gear(s) are not user-serviceable. To replace the lamp(s) and/or control gear(s) in the product, contact a local Samsung service centre.

For detailed instructions on replacing lamp(s) or control gear(s) in your product, visit the Samsung website (<http://www.samsung.com>), go to Support > Support home, and then enter the model name.

For detailed instructions on dismantling lamp(s) and/or control gear(s), simply follow the replacement instruction reached as described above.

Appendix

Safety Instruction

- For the most efficient use of energy, please keep the all inner fittings such as baskets, drawers, shelves and ice cube tray on the position supplied by manufacturer.
- This refrigerating appliance is not intended to be used as a built-in appliance.

Install Instruction

For refrigerating appliances with climate class

Depending on the climate class, This refrigerating appliance is intended to be used at ambient temperatures range as specified following table.

The climate class can be found on the rating plate. The product may not operate properly at temperatures outside of the specific range.

You can find climate class on label inside of your refrigerator

Effective temperature range

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

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

NOTE

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

Temperature Instruction

Recommended Temperature

The optimal temperature setting for food storage:

- Fridge: 3 °C
- Freezer: -19 °C

NOTE

The optimal temperature setting of each compartment depends on the ambient temperature. Above optimal temperature is based on the ambient temperature of 25 °C.

Power Cool

Power Cool speeds up the cooling process at maximum fan speed. The fridge keeps running at full speed for two and a half hours and then returns to the previous temperature.

Power Freeze

Power Freeze speeds up the freezing process at maximum fan speed. The freezer keeps running at full speed for 50 hours and then returns to the previous temperature. To freeze large amounts of food, activate Power Freeze for at least 20 hours before putting food in the freezer.

NOTE

When you use this function the energy consumption of the refrigerator will increase. Remember to turn it off when you don't need it and return the freezer to your original temperature setting.

How to store for best preservation (applicable models only)

Cover foods to retain moisture and prevent them from picking up odors from other foods. A large pot of food like soup or stew should be divided into small portions and put in shallow containers before being refrigerated. A large cut of meat or whole poultry should be divided into smaller pieces or placed in shallow containers before refrigerating.

Placement of Foods

Shelves	Shelves should be adjustable to accommodate a variety of packages.
Specialized compartment (applicable models only)	Sealed crisper drawers provide an optimal storage environment for fruits and vegetables. Vegetables require higher humidity conditions while fruits require lower humidity conditions. Crispers are equipped with controls devices to control the humidity level. (*Depending on model and options) An adjustable temperature meat drawer maximizes the storage time of meats and cheeses.
Stored on the door	Don't store perishable foods in the door. Eggs should be stored in the carton on a shelf. The temperature of the storage bins in the door fluctuate more than the temperature in the cabinet. Keep the door closed as much as possible.
Freezer Compartment	You can store frozen food, make ice cubes and freeze fresh food in the freezer compartment.

NOTE

Freeze fresh, undamaged food only. Keep food which is to be frozen away from food which is already frozen. To prevent food from losing its flavour or drying out, place in airtight containers.

Appendix

Refrigerator & Freezer Storage Chart

The freshness longevity depends on temperature and exposure to moisture. Since product dates aren't a guide for safe use of a product, consult this chart and follow these tips.

Product		Refrigerator	Freezer
Milk products	Milk	1 week	1 month
	Butter	2 weeks	12 months
	Cream cheese	2 weeks	Not recommended
Meat	Fresh roasts, steaks, chops	3-4 days	2-3 months
	Sausage, Raw from pork, beef, turkey	1-2 days	1-2 months
Poultry / Eggs	Fresh poultry	2 days	6-8 months
	Eggs, Fresh in shell	2-4 weeks	Not recommended
Fish / Seafood	Fresh fish	1-2 days	3-6 months
	Dried or pickled fish	3-4 weeks	-
Fruits	Apples	1 month	-
	Other fresh fruit	3-5 days	9-12 months
Vegetables	Asparagus	2-3 days	-
	Broccoli, Brussels sprouts, green peas, mushrooms	3-5 days	-
	Cabbage, cauliflower, celery, cucumbers, lettuce	1 week	-
	Carrots, beets, radishes	2 weeks	-

Information for model and ordering spare parts

Model information

To access energy labelling information about this product on the European Product Registry for Energy Labelling (EPREL), scan QR-Code on the energy label.

You can find QR-Code on the energy label in your product box.

Part information

- The minimum period during which spare parts, necessary for the repair of the appliance, are available
 - 7 Years thermostats, temperature sensors, printed circuit boards and light sources, door handles, door hinges, trays, baskets (boxes or drawers)
 - 10 Years door gaskets
- The minimum duration of the guarantee of the refrigerating appliance offered by the manufacturer 24 Months.
- Relevant information for ordering spare parts, directly or through other channels provided by the manufacturer, importer or authorized representative
- You can find professional repair information on <http://samsung.com/support>.
You can find user servicing manual on <http://samsung.com/support>.

NOTE

Hereby, Samsung declares that this radio equipment is in compliance with Directive 2014/53/EU and with the relevant statutory requirements in the UK.

RF Exposure Information:

This device has been tested and meets applicable limits for Radio Frequency (RF) exposure.

	Frequency range	Transmitter power (Max)
Wi-Fi	2412 - 2472 MHz	20 dBm
Bluetooth	2402 - 2480 MHz	20 dBm

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
FRANCE	01 48 63 00 00	www.samsung.com/fr/support
LUXEMBURG	261 03 710	www.samsung.com/be_fr/support
NETHERLANDS	088 90 90 100	www.samsung.com/nl/support
BELGIUM	02-201-24-18	www.samsung.com/be/support (Dutch) www.samsung.com/be_fr/support (French)
AUSTRIA	0800 72 67 864 (0800-SAMSUNG)	www.samsung.com/at/support
NORWAY	21629099	www.samsung.com/no/support
DENMARK	707 019 70	www.samsung.com/dk/support
FINLAND	030-6227 515	www.samsung.com/fi/support
SWEDEN	0771-400 300	www.samsung.com/se/support
CYPRUS	8009 4000 only from landline, toll free	www.samsung.com/gr/support
GREECE	80111-SAMSUNG (80111 726 7864) only from land line (+30) 210 6897691 from mobile and land line	www.samsung.com/gr/support
ITALIA	800-SAMSUNG (800.7267864)	www.samsung.com/it/support
PORTUGAL	210 608 098 Chamada para a rede fixa nacional Dias úteis das 9h às 20h	www.samsung.com/pt/support
SPAIN	91 175 00 15	www.samsung.com/es/support

