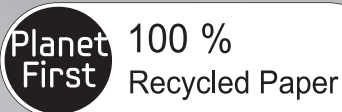




Freezer user manual



This manual is made with 100 % recycled paper.

English

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Free Standing Appliance




safety information









SAFETY INFORMATION

- Before operating the appliance, please read this manual thoroughly and retain it for your reference.
- Use this appliance only for its intended purpose as described in this instruction manual. This appliance is not intended for use by persons (including children) with reduced physical, sensory or mental capabilities, or lack of experience and knowledge, unless they have been given supervision or instruction concerning use of the appliance by a person responsible for their safety.
- Because these following operating instructions cover various models, the characteristics of your freezer may differ slightly from those described in this manual.

Important safety symbols and precautions:

| | |
|--|--|
|  | Hazards or unsafe practices that may result in severe personal injury or death . |
|  | Hazards or unsafe practices that may result in minor personal injury or property damage . |

OTHER SYMBOLS USED

| | |
|---|--|
|  | Do NOT attempt. |
|  | Do NOT disassemble. |
|  | Do NOT touch. |
|  | Follow directions carefully. |
|  | Unplug the power plug from the wall socket. |
|  | Make sure the machine is grounded to prevent electric shock. |
|  | Call the contact center for help. |
|  | Note. |

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

Please follow them explicitly.
After reading this section, keep it in a safe place for future reference.

SEVERE WARNING SIGNS FOR INSTALLATION



- Do not install the freezer in a damp place or place where it may come in contact with water.
 - Deteriorated insulation of electrical parts may cause an electric shock or fire.
- Do not place this freezer in direct sunlight or expose to the heat from stoves, room heaters or other appliance.
- Never use gas pipes, telephone lines or other potential lightening rods as ground.
 - Improper use of the ground plug can result in electric shock.
- Do not plug several appliances into the same multiple power board. The freezer should always be plugged into its own individual electrical which has a voltage rating that matched the rating plate.
 - This provides the best performance and also prevents overloading house wiring circuits, which could cause a fire hazard from overheated wires.
- Do not use a cord that shows cracks or abrasion damage along its length or at either end.
- Do not bend the power cord excessively or place heavy articles on it.

- ★ • This freezer must be properly installed and located in accordance with the manual before it is used.
 - If the wall socket is loose, do not insert the power plug.
 - There is a risk of electric shock or fire.
 - Connect the power plug in proper position with the cord hanging down.
 - If you connect the power plug upside down, wire can get cut off and cause fire or electric shock.
 - When moving the freezer, be careful not to roll over or damage the power cord.
 - This constitutes a fire hazard.

- Make sure that the power plug is not squashed or damaged by the back of the freezer.
- Keep the packing materials out of reach of children.
- There is a risk of death from suffocation if children put them on their head.
- The appliance must be positioned so that the plug is accessible after installation.



- The freezer must be grounded.
 - You must ground the freezer to prevent any power leakages or electric shocks caused by current leakage from the freezer.



- If the power cord is damaged, have it replaced immediately by the manufacturer or its service agent.
- The fuse on refrigerator must be changed by a qualified technician or service company.
- Failing to do so may result in electric shock or personal injury.



CAUTION SIGNS FOR INSTALLATION

- Keep ventilation opening in the appliance enclosure or mounting structure clear of obstruction.
- Allow the appliance to stand for 2 hours after installation.



SEVERE WARNING SIGNS FOR USING

- Do not insert the power plug with wet hands.
- 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 put a container filled with water on the freezer.
- If spilled, there is a risk of fire or electric shock.
- Do not let children hang on the door. If not, a serious injury may occur.
- Do not let children enter inside of the freezer. There is a risk of children entrapment.
- Do not touch the inside walls of the freezer or products stored in the freezer with wet hands.
- This may cause frostbite.

- Do not store volatile or flammable substances in the freezer.
 - The storage of benzene, thinner, alcohol, ether, LP gas and other such products may cause explosions.
- Do not store pharmaceuticals products, scientific materials or temperature sensitive products in the freezer.
- Products that require strict temperature controls must not be stored in the freezer.
- Do not place or use electrical appliance inside the freezer, unless they are of a type recommended by the manufacturer.
- 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 disassemble or repair the freezer by yourself.
 - You run risk of causing a fire, malfunction and/or personal injury.



- Children should be supervised to ensure that they do not play with the appliance.
- This product is intended only for the storage of food in a domestic environment.
- 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.



- If you smell pharmaceutical or smoke, pull out power plug immediately and contact your Samsung Electronics service center.
- Please contact your service agents.



CAUTION

CAUTION SIGNS FOR USING



- 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.



- To get Best performance of product,
 - Do not place foods too closely in front of the vents at the rear of the appliance as it can obstruct free air circulation in the freezer compartment.
- Wrap the food up properly or place it in airtight containers before put it into the freezer.
- Do not put any newly introduced food for freezing near to already food.
- Please observe maximum storage times and expiry dates of frozen goods.
- There is no need to disconnect the freezer from the power supply if you will be away for less than three weeks. But, Remove all the food if you are going away for the three weeks or more. Unplug the freezer and clean it, rinse and dry.
- Fill water tank, ice tray, water cubes only with potable water.



- If the freezer is damaged by water, pull out the power plug and contact your Samsung Electronics service center.



CAUTION

CAUTION SIGNS FOR CLEANING



- Do not directly spray water inside or outside the freezer.
- There is a risk of fire or electric shock.
- Do not spray inflammable gas near the freezer.
- There is a risk of explosion or fire.



- Remove any foreign matter or dust from the power plug pins. But do not use a wet or damp cloth when cleaning the plug, remove any foreign material or dust from the power plug pins.
- Otherwise there is a risk of fire or electric shock.
- Do not spray cleaning products directly on the display.
- Printed letters on the display may come off.



- Unplug the freezer before cleaning and making repairs.



WARNING

SEVERE WARNING SIGNS FOR DISPOSAL



- When disposing of this or other freezers, remove the door/door seals, 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.
- Please dispose of the packaging material for this product in an environmentally friendly manner.
- Leave the shelves in place so that children may not easily climb inside. Ensure that none of the pipes on the back of the appliance are damaged prior to disposal.
- R600a or R134a is used as a refrigerant. Check the compressor label on the rear of the appliance or the rating label inside the freezer to see which refrigerant is used for your freezer. When this product contains flammable gas (Refrigerant R600a), contact your local authority in regard to safe disposal of this product. Cyclopentane is used as a insulation blowing gas. The gases in insulation material require special disposal procedure. Please contact your local authorities in regard to the environmentally safe disposal of this product. Ensure that none of the pipes on the back of the appliances are damaged prior to disposal. The pipes shall be broke in the open space.
- If the appliance contains iso-butane refrigerant (R600a), 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.
- Refrigerant squirting out of the pipes 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.
- 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 8g of R600a refrigerant inside the appliance. The amount of refrigerant in your particular appliance is shown on the identification plate inside the appliance.



ADDITIONAL TIPS FOR PROPER USAGE

- In the event of a power failure, call the local office of your Electricity Company and ask how long it is going to last.
- Most power failures that are corrected in an hour or two will not affect your freezer temperatures. However, you should minimize the number of door openings while the power is off.
- But Should the power failure last more than 24 hours, remove all frozen food.
- If the key is provided with freezer, the keys should be kept out of the reach of children and not in vicinity of the appliance.

- The appliance might not operate consistently (possibility of defrosting of contents or temperature becoming too warm in the freezer) when sited for an extended period of time below the cold end of the range of temperatures for which the refrigerating appliance is designed.
- Your appliance is frost free, which means there is no need to manually defrost your appliance, as this will be carried out automatically.
- Temperature rising during the defrost can comply with ISO requirement. But If you want to prevent an undue rise in the temperature of the frozen food while defrosting the appliance, please wrap the frozen food in several layers of newspaper.
- Any increase in temperature of frozen food during defrosting can shorten its storage life.

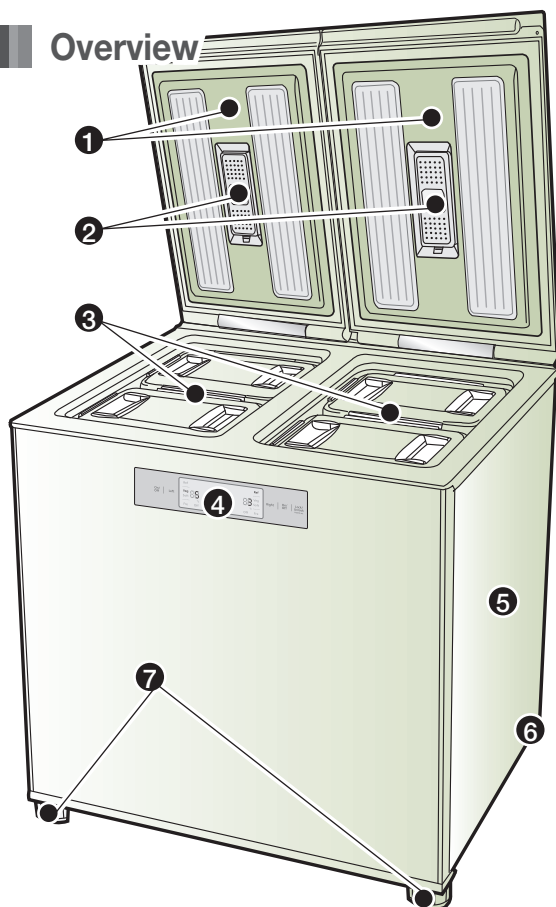
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Overview



❶ Left and Right Doors

Hinged doors that form airtight seals to maintain the temperature inside the freezer.

❷ Deodorizers

Eliminates foul odors from inside the freezer.

❸ Containers

Used for storing food.

※ The container design and configuration may vary depending on the model of your freezer.

❹ Mode Selection and Display

Used to select the food storage mode.

※ The control and display layout may vary depending on the model of your freezer.

❺ Body

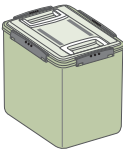
❻ Casters

Casters for easier transportation of the freezer.

❼ Height Adjustors

Used to adjust the horizontal level of the freezer.

Containers

| Container | RG2281* |
|---|---------|
|  | 8 EA |

※ Accessories and containers are only available for purchase at the service center.

Pre-Installation Checklist

Allow sufficient clearance between the freezer and nearby walls or furniture, and set up the freezer on a solid, even surface.

This freezer must be properly installed and located in accordance with the manual before it is used.

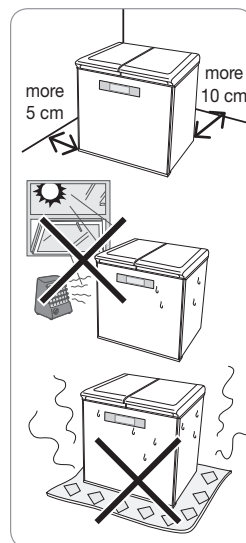
- ▶ In particular, leave at least a 10cm clearance behind the freezer. Failing to do so may result in the doors bumping into the wall or any furniture located behind the freezer when opened and damaging them.
- ▶ The floor must be solid enough to sustain the freezer's weight after it is completely filled with food.
- ▶ Installing the freezer on an inclined surface or on a step can cause it to tip over and result in injury.

Set up the freezer in a location where the ambient temperature remains constant.

- ▶ Items inside the freezer may freeze and become soft if the ambient temperature is too low. The ambient temperature should be between 5 °C and 43 °C.
- ▶ Do not set up the freezer in an area with direct sunlight, near heating appliances or where the ambient temperature is extremely low.

Do not place the freezer on a carpet or rug.

- ▶ This will obstruct ventilation and cause the mechanical compartment to overheat, resulting in a fire hazard and decreasing the performance of the freezer.
- ▶ Keep ventilation opening in the appliance enclosure or mounting structure clear of obstruction.



Before Use

Power Outage

- ▶ If possible, do not open the freezer doors during a power outage. Outages lasting two to three hours will not affect the food significantly.
- ▶ Once the power is restored, the freezer resumes operating using the same settings as before the power outage.

Using Containers

[Benefits of Using Containers]

- The containers use lids so that you can take out food without having to take out the heavy containers from the freezer.

[Causes of Container Deformation]

- Placing the container or its lid in boiling water or drying them in direct sunlight will cause them to deform. (Once deformed, the lid will no longer keep air out of the container or keep your food fresh.)

[Using the Containers]

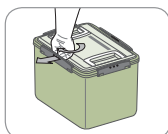


Diagram A: Opening the Container from Inside the Freezer

- Hook your thumb and fingers into the lockdown flap and push in the direction of the arrow as if rotating the flap.

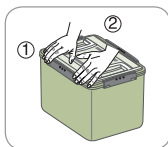


Diagram B: Opening the Container from Outside the Freezer

- Grab the flaps as shown in the diagram and pull them apart using your thumbs.

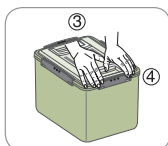


Diagram C: Closing the container lid.

- Align the lid with the container and then snap all four flaps into place.



CAUTION

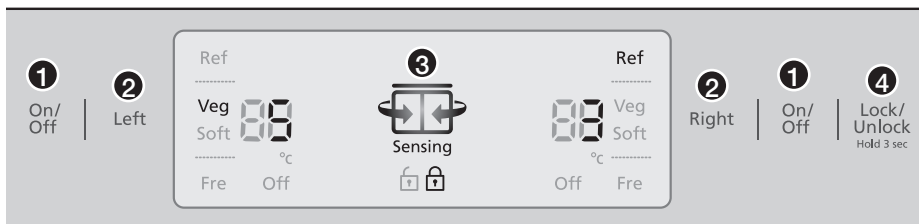
- Make sure that all container flaps are locked before transporting the container. The lid may come loose if not all of the flaps have been locked securely. If the lid does come off, the container will drop and possibly result in injury. **Always hold the container with two hands when transporting it.**
- Do not submerge the container or lid in boiling water or dry them under direct sunlight.



NOTE

- The lid of a container that has been stored in refrigeration or freezer mode may be difficult to open due to a temporary vacuum pressure buildup inside the container. To remedy this, leave the container at room temperature for a while.

Controls and Display



✱ Your Samsung freezer comprises of left and right chambers that can be operated independently of one another.

1 [On/Off] Buttons

- ▶ With the **[Lock/Unlock]** button in the unlocked state, press the **[On/Off]** button to turn the corresponding chamber on or off.
- ▶ Press one of the chambers' **[On/Off]** buttons. You will hear a short melody being played as the chamber is turned on.
Press the button again to turn the chamber off. The corresponding chamber's "Off" indicator will turn on.
- ▶ The left and right chambers can be turned on or off independently of one another.


2 [Left/Right] Buttons

- ▶ These buttons are used to change the operating mode of each chamber.
- ▶ Press the **[Left]** or **[Right]** button to cycle through the modes in the following order:
Ref → Veg → Soft → Fre

3 Ambient Temperature Indicator

- ▶ This indicator turns orange if the ambient temperature is above 13 °C and green if below 13 °C.
- ▶ The indicator is activated whenever a control button is operated and automatically deactivated after 10 seconds of inactivity.

4 [Lock/Unlock] Button

- ▶ Press the **[Lock/Unlock]** button to lock or unlock the controls. To unlock the controls, you must hold down the button for 3 seconds. To lock the controls, simply press the button once. In addition, the controls are automatically locked after 1 minute of inactivity.
- ▶ Always unlock the controls () before changing a chamber's operating mode.



CAUTION

- ▶ Always make sure the freezer doors are lock.
If the doors are not fully closed, the items stored inside the freezer will turn bad.
- ▶ **Do not store food inside a chamber that has not been turned on.**




NOTE

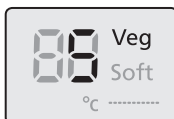
- ▶ **Always unlock the controls before changing your Samsung freezer's operating mode.**
- ▶ Make sure to use the correct mode for the type of food you wish to store. Storage and fermentation modes are available for both left and right chambers.

Mode Selection

① Hold the Lock/Unlock button for three seconds to unlock the controls.

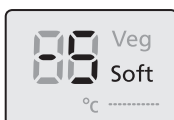
- ▶ If the Unlock icon  appears on the display, it means the controls are unlocked.
- ▶ Turn on the chamber you wish to use by pressing the corresponding chamber button (if turned off).

② Select a mode.



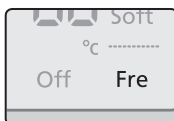
To keep vegetables fresh for longer

- ▶ When using the kimchi containers to store vegetables, do not close the lids completely.
- ▶ Fruit and vegetables can freeze if they make contact with the inner walls of the freezer. Remember to use the containers.
- ▶ Apples will quickly turn brown if stored inside a sealed container.



To keep meat and fish fresh for longer

- ▶ Store meat and fish in amounts you plan to serve within the next 3 days. For longer storage, use Freeze mode.
- ▶ Some frost can form inside the freezer when storing meat and fish. This is caused by the frequent opening and closing of the freezer doors or the latent heat of the items stored inside the freezer. This is not a malfunction. The product is safe to use.



Long-term storage of meat and storage of frozen foods

- ▶ Frost can form inside the chamber when using Freeze mode. This is a natural phenomenon that occurs with any freezer that employs the direct chilling mechanism. For instructions on removing the frost, refer to page 15.
- ▶ In Freeze mode, the much colder air inside the freezer can make it more difficult to open the chamber door.

③ Press the Lock/Unlock button to lock the controls.

- ▶ Alternatively, wait one minute and the controls will be automatically locked.



NOTE

- ▶ Frequently opening and closing the freezer doors will cause temperature fluctuations.
- ▶ The correct storage temperature for fruit and vegetables varies depending on the type. Only store them in amounts you plan to serve within the next week or two.

Always disconnect the power plug before cleaning the freezer. Failing to do so may result in electric shock. Make sure the detachable parts are clean and dry before reassembling them.

Cleaning and Care

Cleaning the Freezer and Rubber Seals

- ▶ Clean with a dish towel that has been soaked with a neutral detergent. Clean the grooves using a cotton swab.
- ▶ Clean the controls and display using a dry dish towel. Do not use water or detergent.
- ▶ Oils and insecticides can react with the freezer surface. Over time, this reaction will cause the surface to discolor or even crack. Make sure to keep the freezer surface clean of oils and insecticides.
- ▶ Wipe off excess moisture using a dry dish towel.

Removing Frost and Condensation

- ▶ Using sharp objects or excessive force when removing frost will damage the inner walls of the freezer.
- ▶ If too much frost has formed inside the freezer and it's difficult to take out the containers, empty the containers and power off the chamber. Wait 30 minutes and remove the frost. Here, make sure to store the items inside the containers in the other chamber or your refrigerator.
- ▶ Frost will turn into ice over time. This will decrease your freezer's performance. Make sure to remove any frost inside the freezer before it turns into ice. Failing to do so may result in the items stored inside your freezer going bad.

Cleaning the Deodorizers

- ▶ Deodorizers are semi-permanent units that will not need to be replaced.
- ▶ Remove the deodorizer by opening the door, flipping the hook located at the center of the deodorizer up, and then pulling the deodorizer cover down. Clean the deodorizer when necessary and reassemble it in the reverse order.
- ▶ Dry the deodorizer under the sun for about a day to reactivate its deodorization agents.

Cleaning the Containers

- ▶ New containers can smell of plastic. Wash them thoroughly using a neutral detergent and a sponge before use.
- ▶ If your container has taken on a smell from normal use, add small bits of green vegetables and set it aside with the lid on for a day or so, or fill it with water left over from washing rice and scrub the inside of the container with a sponge to remove the smell.
- ▶ Long-term use can cause the containers to take on the color and smell of the food stored in them.



NOTE

- ▶ If you intend to not use the freezer for an extended duration of time or when cleaning the freezer, disconnect the power plug, open the doors to allow the interior to dry, and clean the interior using a dry piece of cloth or dish towel.



WARNING

- ▶ Do not spray water directly onto the freezer.
- ▶ Do not use benzene, paint thinner, bleach, alcohol or acetone to clean it.
- ▶ Do not clean the display using a wet dish towel.




CAUTION

- ▶ Do not use a brush, scrub, rough piece of cloth or any abrasive tool to clean the interior or exterior of the freezer.
- ▶ Once you've finished cleaning, make sure that the power cord is undamaged and the power plug is cool and securely inserted into the electrical outlet.
- ▶ Do not slide your hands underneath the freezer. There are sharp parts that could cause injury.
- ▶ **Do not place the container or lid in hot (50 °C) or boiling water.**

Troubleshooting

| Problem | Solution |
|--|---|
| The freezer is not working. | <ul style="list-style-type: none"> - Check the power plug connection. - Check if the chamber you want to use has been turned on. - The compressor unit will turn on and off repeatedly to maintain the temperature levels inside the freezer. This is a normal operation. |
| The temperature inside the freezer is too high. | <ul style="list-style-type: none"> - Check the power plug connection. - Direct sunlight and heating appliances can decrease the freezer's performance. Make sure to install the freezer away from direct sunlight and heating appliances. - Secure at least 10cm of clearance between the freezer and the walls to the rear and sides. |
| Frost/condensation has formed on the inner walls. | <ul style="list-style-type: none"> - Your freezer employs a direct cooling mechanism to ensure the most optimal food storage conditions. Frost formation and condensation inside the chambers are natural phenomenon of this cooling mechanism. (Caused by the convection current.) - Frost or condensation can form if the ambient temperature or humidity level is high, the freezer doors are left open for a long time or the freezer doors are opened and closed too frequently. - Some frost may form inside the product as a result of the moisture level regulation for keeping food fresh. This is not a malfunction. |
| The front/back of the freezer is hot. | <ul style="list-style-type: none"> - Your freezer uses heating pipes that prevent condensation. Also, the freezer may feel hot when started up for the first time or during summer. This is not a malfunction. |
| Food stored in the freezer is becoming frozen. | <ul style="list-style-type: none"> - Items stored inside the freezer can freeze if the ambient temperature around the freezer is too low. - Your freezer employs a direct cooling mechanism, which will cause fruit and vegetables to freeze if they come into direct contact with the walls inside the chambers. Store fruit and vegetables using the containers with the lids on and store items that can freeze easily away from the inner walls. - Wrapping items in paper towels will prevent them from softening and make it possible to store them for a long time. |
| I can hear the sound of water flowing. | <ul style="list-style-type: none"> - This could be the sound of the refrigerant or frost inside the product melting. This is not a malfunction. |


| Problem | Solution |
|---|--|
| The freezer is making a clanking/whirring sound. | - Your freezer will make noise as its internal temperature drops or rises, its components are activated and deactivated, and when the power is cut off or restored. This is not a malfunction. |
| I just bought the freezer, but it is wet inside. | - The moisture is the result of performance testing at the factory. This is not a malfunction and does not mean the product is a second hand product. |
| The freezer smells funny. | <ul style="list-style-type: none"> - Items that have been stored in the freezer for an extended period of time can also be the cause of the odor. - The deodorizers may be dirty and no longer capable of removing odors effectively. Try cleaning them. |
| The freezer controls are unresponsive. | <ul style="list-style-type: none"> - Unlock the controls by pressing the Lock/Unlock button. - Check if the chamber you want to use has been turned on. |
| There are letters shown on the display.  | - This occurs if there is a problem with the product's temperature sensor. Contact the service center. |

[illegible]

Ambient Room Temperature Limits

This refrigerator is designed to operate in ambient temperatures specified by its temperature class marked on the rating plate.

| Class | Symbol | Ambient Temperature range (°C) |
|--------------------|--------|--------------------------------|
| Extended Temperate | SN | +10 to +32 |
| Temperate | N | +16 to +32 |
| Subtropical | ST | +16 to +38 |
| Tropical | T | +16 to +43 |

 Internal temperatures may be affected by such factors as the location of the refrigerator, ambient temperature and the frequency with which you open the door. Adjust the temperature as required to compensate for these factors.



Contact SAMSUNG WORLD WIDE

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

| COUNTRY | CALL | Web site |
|--------------|--------------------------|--|
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