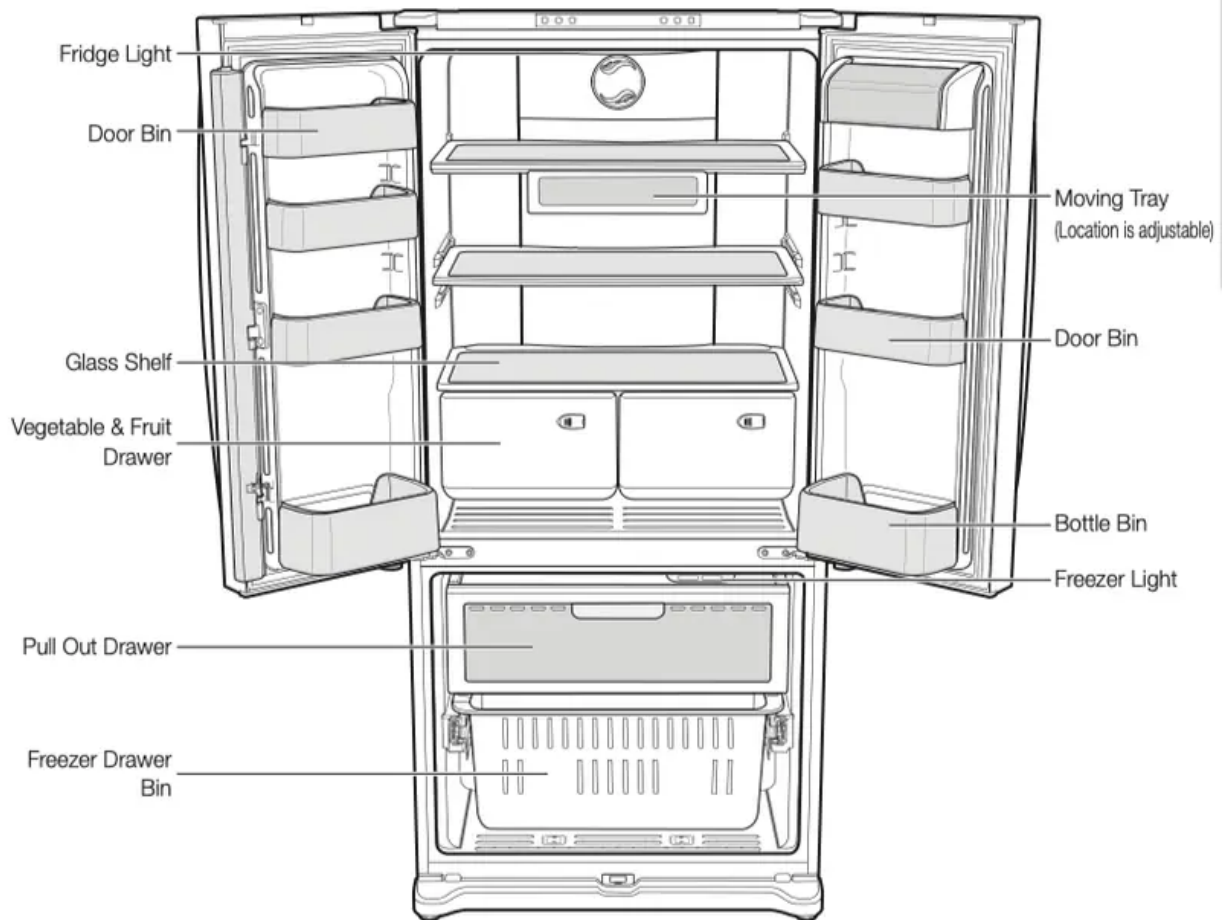


Operating your SAMSUNG Refrigerator

PARTS AND FEATURES

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



USING THE CONTROL PANEL



Temperature & Function select / control panel

| | |
|---------------------------------------|---|
| <p>(1) Ice Off Button</p> | <p>When the Ice Off Button is pressed, ice will not be produced. Use this function only when it is needed.</p> |
| <p>(2) Power Freeze Button</p> | <p>Press this button to freeze food quickly. (Power Freeze will last 2 and a half hours.)</p> |
| <p>(3) Freezer Button</p> | <p>Freezer temperature set button. Press this button to set the Freezer temp between 8°F and -8°F. (At initial power on, the default setting is -2°F.)</p> |
| <p>(4) Fridge Button</p> | <p>Fridge temperature set button. Press this button to set the Fridge temperature in 2°F intervals between 46°F and 34°F. (At initial power on, the default setting is 38°F.)</p> |
| <p>(5) Power Cool Button</p> | <p>Press this button to cool the food in the fridge quickly. (Power Cool will shut off when 25°F is reached or after 2 and a half hours.)</p> |
| <p>(6) E.Saver Button</p> | <p>Press the Energy Saver button for better energy efficiency. If water drops appear on the doors, turn the Energy Saver function off.</p> |

CONTROLLING THE TEMPERATURE



Setting the freezer temperature

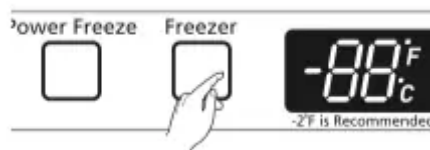
If you want to control the freezer temperature, follow as below.


Press the Freezer Button (Refer the picture)

- The temperature can be set in 2°F interval between -8°F and 8°F.
- Each time the Freezer Button is pressed, the temperature setting will change as follows;
(-2°F → -4°F → -6°F → -8°F → 8°F → 6°F → 4°F → 2°F → 0°F → -2°F)

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

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



 - The Freezer temperature will change depending on the number of door openings, quantity of food, ambient temperature, etc.

- The temperature display will blink when freezer temperature increases due to frequent door opening, keeping warm food, etc.

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

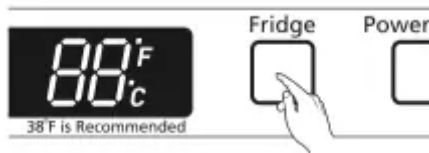
Setting the fridge temperature


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

Press the Fridge Button (Refer the picture)

- The temperature can be set in 2°F interval between 34°F and 46°F.
- Each time the Fridge Button is pressed, the temperature setting will change as follows;
(38°F → 36°F → 34°F → 46°F → 44°F → 42°F → 40°F → 38°F)

When selecting the fridge temperature, the set temperature is displayed initially for 5 seconds, then the actual temperature is displayed. (There may be slight difference between the set temperature and displayed actual temperature, but it will be corrected to the set temperature automatically.)



 - The Fridge temperature will change depending on the number of door openings, quantity of food, ambient temperature, etc.

- Temperature of each shelf or container in the fridge may be different.
- The temperature display will blink when fridge temperature is increases due to frequent door opening, keeping warm food, etc.

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

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


Press the Power Freeze Button. (Refer to the picture.)

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

Press the Power Freeze Button again to cancel this function.

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



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

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


Press the Power Cool Button. (Refer to the picture.)

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


Press the Power Cool Button again to cancel this function.

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



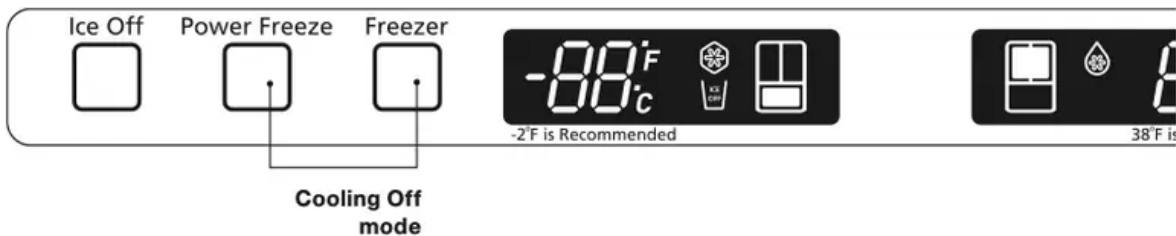
 - The Power Cool function operates for 2 and a half hours regardless of the set temperature.

Cooling Off Mode (“OF & OF” code on the display)

 This function is for store display refrigerators. It is not for customer use.

CAUTION

In Cooling Off Mode, the refrigerator works but doesn't make cool air. To cancel this mode, press the Power Freeze and Freezer buttons at the same time for 3 seconds until a “Ding-dong” sound is heard. The unit will now cool.



Ice Maker Operation

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

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

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

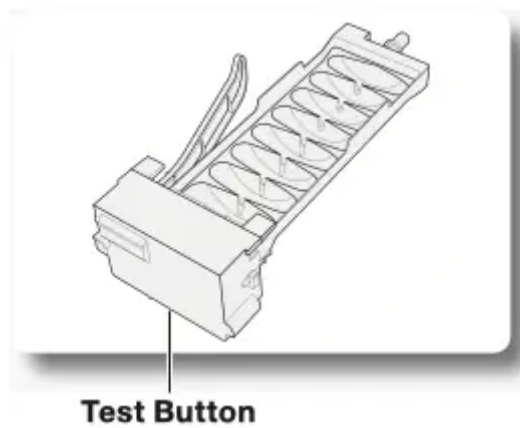
When the bin fills to the level of the feeler arm, the icemaker will stop producing ice.


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

It is normal for several cubes to be joined together.

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





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




 - When “Ice making” function is selected, ice-making is priority. Then the temperature of freezer will be lower than the setting temperature. If you don’t need the “Ice making” function, please press the button of “Ice Off”.



STORING FOOD IN THE REFRIGERATOR


The Samsung Refrigerator has been designed to provide you with maximum space saving features and functions. Here are some of the customized compartments we have created to keep your food fresher longer. In order to further prevent odor from seeping into the ice compartment, stored food should be wrapped securely and as airtight as possible.


| | | |
|---------------------------|--|--|
| Moving Tray | Can be used to store small dairy items like butter or margarine, yogurt or cream cheese bricks |  butter/cheese |
| Bottle Bin | Designed to handle large, bulky items such as gallons of milk or other large bottles and containers. |  |
| Fridge Shelves | Designed to be crack-resistant, the shelves can be used to store all types of food and drinks. Circular marks on the glass surface are a normal phenomenon and can usually be wiped clean with a damp cloth. |  |
| Vegetable & Fruit Drawers | Used for preserving the freshness of your stored vegetables and fruits. This drawer has been specifically designed to control the level of humidity within the compartment. Keep vegetables and fruits separate when possible. |  |

 Do not place any large articles of food under the lamp in the Refrigerator. An air sensor is located near the lamp and if the sensor is blocked, your Refrigerator may become too cold. Please place Vegetable and Fruits in the Vegetable and Fruits Drawers to avoid freezing them. If the food in your Refrigerator becomes frozen, please set the temperature higher.

STORING FOOD IN THE FREEZER DRAWER

| | | |
|--------------------|---|---|
| Pull Out Drawer | Best used to store meats or dry foods. Stored food should be placed in a container or wrapped securely using plastic wrap or other suitable wrapping materials. |  |
| Freezer Drawer Bin | Can be used to store meat and dry foods. Stored food should be placed in a container or wrapped securely using plastic wrap or other suitable wrapping materials. |  |

 Bottles should be stored tightly together so that they do not tip and fall out when the Refrigerator door is opened.

 If you plan to go away for a long time, empty the Refrigerator and turn it off. Wipe the excess moisture from the inside of the appliance and leave the doors open. This helps keep odor and mold from developing.

FOOD STORAGE TIPS



| Foods | Refrigerator | Freezer | Storage Tips |
|---|---------------------|-----------------|--|
| DAIRY PRODUCTS | | | |
| Butter | 2-3 Weeks | 6-9 Months | Wrap or cover tightly. |
| Milk | 1-2 Weeks | Not recommended | Check date code. Most milk and similar products are sold in date-coded cartons that indicate a products's peak freshness. Re-seal with cap or wrap tightly. Do not return unused protions to oroginal container. |
| Cream Cheese, cheese food, and cheese spread | 2-4 Weeks | Not recommended | Check date code. Keep all cheese tightly packed in moisture proof wrap |
| Hard Cheese (un- opened) | 3-4 Months | 6 Months | |
| Hard Cheese (opened) | 2 Months | Not recommended | |
| Cottage Cheese | 10-15 Days | Not recommended | |
| Cream | 7-10 Days | 2 Months | Check date code. Most yogurt, creams, and similar products are sold in date-coded cartons that indicate a product's peak freshness. Re-seal or cover tightly. Do not return unused portions to original container. |
| Sour Cream | 2 Weeks | Not recommended | |
| Cream Dips (opened) | 1 Week | Not recommended | |



| | | | |
|---|------------|-----------------|--|
| Yogurt | 10-14 Days | Not recommended | Check date code. Keep covered. |
| Frozen Yogurt | n/a | 2 Months | |
| EGGS | | | |
| Eggs (uncooked) | 3-4 Weeks | Not recommended | Check date code. Store eggs in coldest part of refrigerator and in their original container. |
| Eggs (cooked) | 1 weeks | Not recommended | Store in covered container |
| Leftover egg dishes | 3-4 Days | Not recommended | Store in covered container |
| FRESH FRUITS | | | |
| Apples | 1 Month | Not recommended | If storing in refrigerator, do not wash fruit before storing. Store in moisture resistant bags or containers. Wrap cut fruits. Some fruits darken when refrigerated. |
| Bananas | 2-4 Days | Not recommended | |
| Peaches, Melons, Pears, Avocados | 3-5 Days | Not recommended | |
| Berries and Cherries | 2-3 Days | 12 Months | |
| Apricots | 3-5 Days | Not recommended | |



| | | | |
|----------------------------------|--------------|-----------------|---|
| Grapes | 2-5 Days | n/a | |
| Pineapple (un-cut) | 2-3 Days | Not recommended | |
| Pineapple (cut) | 5-7 Days | 6-12 Months | |
| Citrus | 1-2 Weeks | Not recommended | Store uncovered. |
| Juice | 6 Days | Not recommended | Check date code and re-seal in original container. Do not return unused portions to original container. |
| Frozen Juice | Thawing only | 12 Months | Check date code. Do not re-freeze. |
| <i>FISH AND SHELLFISH</i> | | | |

Fish

| | | | |
|---|----------|------------|---|
| Fatty Fish (mackerel, trout, salmon) | 1-2 Days | 2-3 Months | Keep in original wrapper and store in coldest part of refrigerator. Pack- age in vapor-proof and moisture proof wrap for freezer. Freeze at 0°F. Thaw in refrigerator or Check date code. Freeze in original packaging. |
| Lean Fish (cod, flounder, etc) | 1-2 Days | 6 Months | |
| Frozen or Breaded | n/a | 3 Months | |

Shellfish



| | | | |
|---------------------------------|-----------|-------------|--|
| Shrimp (uncooked) | 1-2 Days | 12 Months | Freeze package in vapor and moisture-proof container. |
| Crab | 3-5 Days | 10 Months | |
| Cooked Fish or Shellfish | 2-3 Days | 3 Months | |
| MEAT | | | |
| Fresh, Uncooked | | | |
| Chops | 2-4 Days | 6-12 Months | Check date code for use. Store in coldest part of refrigerator in original packaging. Use additional moisture and vapor-proof container for freezing. Recommended refrigerator temperature 33°F to 36°F and freezer temperature 0°F to 2°F |
| Ground | 1 Day | 3-4 Months | |
| Roast | 2-4 Days | 6-12 Months | |
| Bacon | 1-2 Weeks | 1-2 Months | |
| Sausage | 1-2 Days | 1-2 Months | |
| Steak | 2-4 Days | 6-9 Months | |
| Poultry | 1 Day | 12 Months | |
| Lunch meat | 3-5 Days | 1 Month | |
| Cooked | | | |
| Meat | 2-3 Days | 2-3 Months | Check date code for use. Store in coldest part of refrigerator in original packaging. Place package in moisture and vapor-proof container for freezing. |



| | | |
|----------------|--------------|---------------|
| Poultry | 2-3 Days | 4-5 Months |
| Ham | 1-2 weeks | 1-2 Months |

Sources:

American Meat Institute Foundation. 1994. Yellow pages: answers to predictable questions consumers ask about meat and poultry. American Meat Institute Food Marketing Institute. 1999. The food keeper. Food Marketing Institute, Washington, D.C. Freeland-Graves, J.H. and G.C. Peckham. 1996. Foundations of food preparation, 6th ed. Prentice-Hall, Inc. Englewood Cliffs, NJ. Hillers, V.N. 1993. Storing foods at home. Washington State University Cooperative Extension, Pullman, WA. Publ. EB 1205.

National Restaurant Association. 2001. Be cool-chill out! Refrigerate promptly. National Restaurant Association Education Foundation¹/₄s International Food Safety Council, Washington, D.C. USDA. 1997. Basics for handling food safely. U.S. Department of Agriculture, Food Safety and Inspection Service, Washington, D.C.

REMOVING THE FRIDGE ACCESSORIES

1. Door Bins

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

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

CAUTION

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

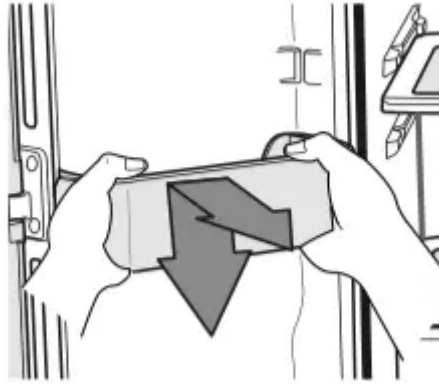
Do not allow children to play with bins. Sharp corners of the bins may cause injury.



Do not adjust a bin full of foods.

Dust removal method -Remove the guard and wash in water.





2. Fridge shelves

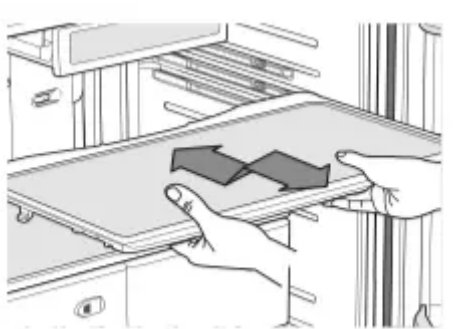
To remove - When pulling out the shelf, if it does not slide out easily, lift it up slightly and pull out again.

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

CAUTION

The Glass shelves are heavy.

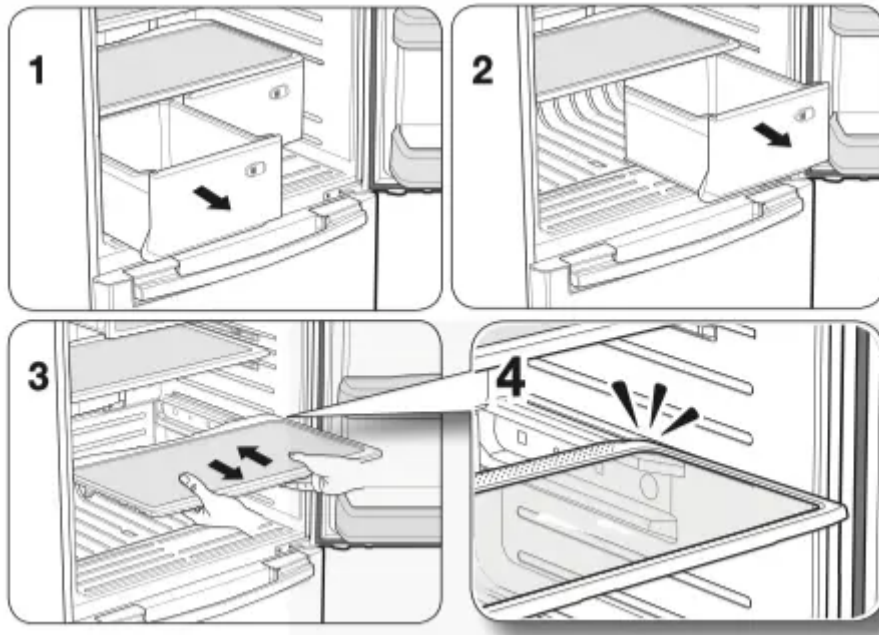
Use special care when removing them.



3. Vegetable & Fruit Drawers

To remove - Pull the drawer out to full extension. Tilt up the front of the drawer and pull straight out. (Refer to picture 1~3)

To replace - Insert the drawer into the frame rails and push back into place. (Refer to picture 4)



The drawers need to be removed before the glass shelf above them can be lifted out.

REMOVING THE FREEZER ACCESSORIES

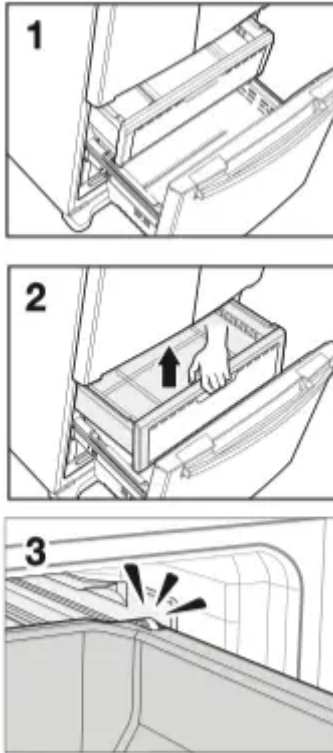
1. Pull Out Drawer

To remove - Pull the drawer out to full extension.

Tilt up rear of drawer and lift straight out. (Refer to picture 1 & 2)

Open the freezer door fully and remove the drawer.

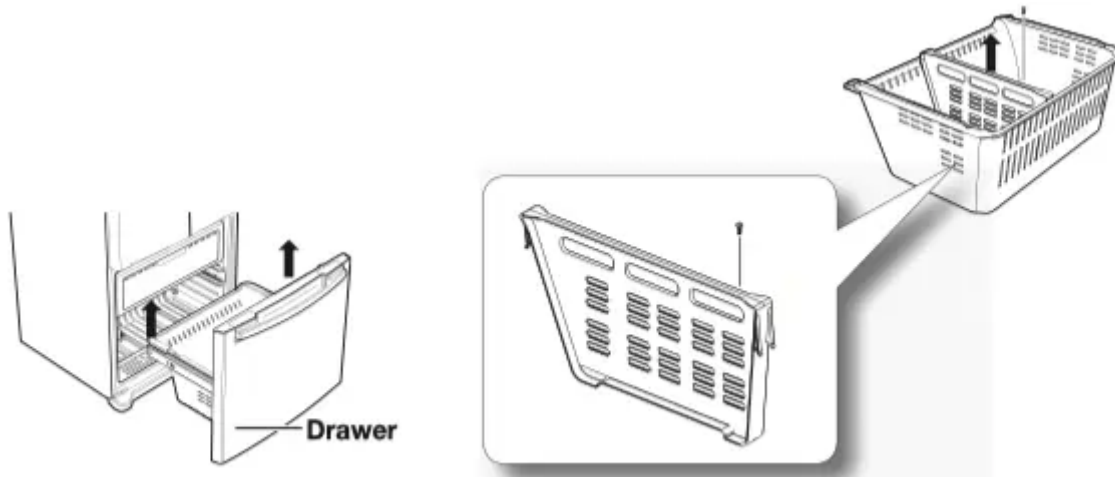
To replace - Place the drawer onto the rails by tilting it up. Lower the drawer into place until it is horizontal and slide the drawer in. (Refer to picture 3)



2. Freezer Drawer Bin

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

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



CAUTION

Do not allow baby or children go inside the drawer bin. They could damage the Refrigerator and seriously injure themselves. Do not sit on the Freezer door. The door may break. Do not allow children to climb into the Freezer basket.

WARNING

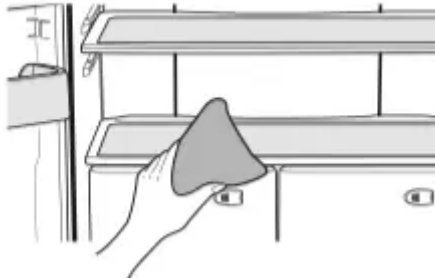
If you remove the divider to clean the basket bin, you must reinstall the divider using 1 screw after cleaning to prevent children from getting trapped inside the basket.

CLEANING THE REFRIGERATOR

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

Cleaning the Interior

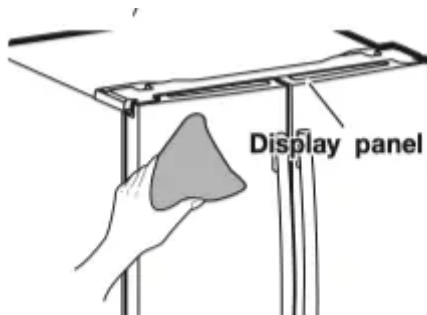
Clean the inside walls and accessories with a mild detergent and then wipe dry with a soft cloth. You can remove the drawers and shelves for a more thorough cleaning. Just make sure to dry drawers and shelves before putting them back into place.



Cleaning the Exterior

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

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



CAUTION

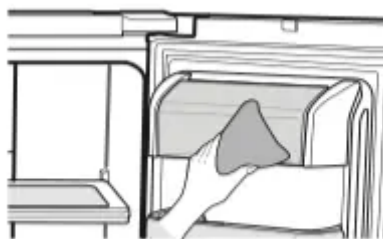
Do not use Benzene, Thinner, car detergent, or Clorox for cleaning. They may damage the surface of the appliance and may cause fire.

Printed letters on the display may come off if you spray the cleaning products directly on the product.



Cleaning the Rubber door seals

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



Cleaning behind the Refrigerator

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



CAUTION

Do not remove the back cover. Doing so may cause an electric shock.

CHANGING THE INTERIOR LIGHTS

CAUTION

Do not disassemble or replace the LED type Lighting.

To change the LED Type Lighting contact Samsung service center or your authorised Samsung dealer.

CAUTION

If Users randomly exchange the LED lamp by yourself, this may result in electric shock or personal injury.



When the interior or exterior LED lamp has gone out, please contact your service agents.

SAMSUNG CUSTOMER CARE CENTER

Samsung Electronics America, Inc. 85 Challenger Road Ridgefield Park, NJ 07660 1-800-SAMSUNG (1-800-726-7864) and samsung

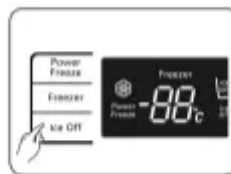
CAUTION



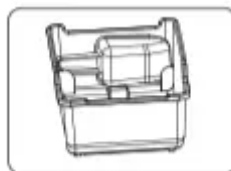
Clean the ice box if there are some small pieces of ice on the bottom.



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



Set "Ice Off" for saving energy if the ice maker will not be used for long time.



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



Troubleshooting

| PROBLEM | SOLUTION |
|--|--|
| <p>The Refrigerator does not work at all or it does not chill sufficiently.</p> | <ul style="list-style-type: none"> • Check that the power plug is properly connected. • Is the temperature control on the display panel set to the correct temperature? <p>Try setting it to a lower temperature.</p> <ul style="list-style-type: none"> • Is the Refrigerator in direct sunlight or located near a heat source? • Is the back of the Refrigerator so close to the wall that air cannot keep circulating? <p>(Refer to page 10 for the best location.)</p> |
| <p>The food in the Refrigerator is frozen.</p> | <ul style="list-style-type: none"> • Is the temperature control on the display set to the correct temperature? <p>Try setting it to a warmer temperature.</p> <ul style="list-style-type: none"> • Is the temperature in the room too low? • Did you store the food too close to the air vent at the back of the Refrigerator? Move the food away from the air vent. |
| <p>You hear unusual noise or sounds.</p> | <ul style="list-style-type: none"> • Check that the Refrigerator is level and stable. • Is the back of the Refrigerator too close to the wall and therefore keeping air from circulating? • Was anything dropped behind or under the Refrigerator? • A “ticking” sound is heard from inside the Refrigerator. It is normal and occurs because various accessories are contracting or expanding according to the temperature of the Refrigerator interior. • When the automatic ice maker is on, ice is made in the ice container. After the ice is made, the container inverts and the ice falls into the storage compartment and water flows through the water valve. These operations cause noise at regular intervals, but that noise is normal. |
| <p>The front corners and vertical hinged section of the</p> | <ul style="list-style-type: none"> • Some heat is normal as anti-condensators are installed in the vertical hinged section of the Refrigerator to prevent condensation. |



| | |
|--|--|
| <p>appliance are hot and condensation is occurring.</p> | <ul style="list-style-type: none"> • Is the Refrigerator door ajar? Condensation can occur when you leave the door open for a long time. |
| <p>Ice Maker is not producing ice.</p> | <ul style="list-style-type: none"> • Did you wait for 12 hours after installation of the water supply line before making ice? • Is the water line connected and the shut-off valve opened? • Did you manually stop the ice making function? • Is the Freezer temperature too warm? Try setting the Freezer temperature lower. |
| <p>You hear water bubbling in the Refrigerator.</p> | <ul style="list-style-type: none"> • This is normal. The bubbling comes from the Refrigerator coolant liquid circulating through the Refrigerator. |
| <p>There is a bad smell in the Refrigerator.</p> | <ul style="list-style-type: none"> • Check for spoiled food. • Foods with strong odors(for example, fish) should be tightly covered. • Clean out your Freezer periodically and throw away any spoiled or suspicious food. |
| <p>Frost forms on the walls of the Freezer.</p> | <ul style="list-style-type: none"> • Is the air vent blocked? Remove any obstructions so air can circulate freely. • Allow sufficient space between the foods stored for efficient air circulation. • Is the Freezer drawer closed properly? |
| <p>Water dispenser is not functioning. (Water dispenser models only)</p> | <ul style="list-style-type: none"> • Is the water line connected and the shut-off valve opened? • Has the water supply line tubing been crushed or kinked? Make sure the tubing is free and clear of any obstruction. • Is the water tank frozen because the Refrigerator temperature is too low? Try selecting a warmer setting on the main display panel. |

Warning



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

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